**Fishery Management Report No. 04-12**

# The Alitak Bay District Commercial Salmon Fishery Report to the Alaska Board of Fisheries, 2005

**by**

**Jeff A. Wadle**

**December 2004**

**Alaska Department of Fish and Game** **Divisions of Sport Fish and Commercial Fisheries**

## Symbols and Abbreviations

The following symbols and abbreviations, and others approved for the Système International d'Unités (SI), are used without definition in the following reports by the Divisions of Sport Fish and of Commercial Fisheries: Fishery Manuscripts, Fishery Data Series Reports, Fishery Management Reports, and Special Publications. All others, including deviations from definitions listed below, are noted in the text at first mention, as well as in the titles or footnotes of tables, and in figure or figure captions.

**Weights and measures (metric)**

| | |
|---|---|
| centimeter | cm |
| deciliter | dL |
| gram | g |
| hectare | ha |
| kilogram | kg |
| kilometer | km |
| liter | L |
| meter | m |
| milliliter | mL |
| millimeter | mm |

**Weights and measures (English)**

| | |
|---|---|
| cubic feet per second | $ft^3/s$ |
| foot | ft |
| gallon | gal |
| inch | in |
| mile | mi |
| nautical mile | nmi |
| ounce | oz |
| pound | lb |
| quart | qt |
| yard | yd |

**Time and temperature**

| | |
|---|---|
| day | d |
| degrees Celsius | °C |
| degrees Fahrenheit | °F |
| degrees kelvin | K |
| hour | h |
| minute | min |
| second | s |

**Physics and chemistry**

| | |
|---|---|
| all atomic symbols | |
| alternating current | AC |
| ampere | A |
| calorie | cal |
| direct current | DC |
| hertz | Hz |
| horsepower | hp |
| hydrogen ion activity (negative log of) | pH |
| parts per million | ppm |
| parts per thousand | ppt, ‰ |
| volts | V |
| watts | W |

**General**

| | |
|---|---|
| Alaska Department of Fish and Game | ADF&G |
| Alaska Administrative Code | AAC |
| all commonly accepted abbreviations | e.g., Mr., Mrs., AM, PM, etc. |
| all commonly accepted professional titles | e.g., Dr., Ph.D., R.N., etc. |
| at | @ |
| compass directions: | |
| east | E |
| north | N |
| south | S |
| west | W |
| copyright | © |
| corporate suffixes: | |
| Company | Co. |
| Corporation | Corp. |
| Incorporated | Inc. |
| Limited | Ltd. |
| District of Columbia | D.C. |
| et alii (and others) | et al. |
| et cetera (and so forth) | etc. |
| exempli gratia (for example) | e.g. |
| Federal Information Code | FIC |
| id est (that is) | i.e. |
| latitude or longitude | lat. or long. |
| monetary symbols (U.S.) | $, ¢ |
| months (tables and figures): first three letters | Jan,...,Dec |
| registered trademark | ® |
| trademark | ™ |
| United States (adjective) | U.S. |
| United States of America (noun) | USA |
| U.S.C. | United States Code |
| U.S. state | use two-letter abbreviations (e.g., AK, WA) |

**Measures (fisheries)**

| | |
|---|---|
| fork length | FL |
| mideye-to-fork | MEF |
| mideye-to-tail-fork | METF |
| standard length | SL |
| total length | TL |

**Mathematics, statistics**

| | |
|---|---|
| *all standard mathematical signs, symbols and abbreviations* | |
| alternate hypothesis | $H_A$ |
| base of natural logarithm | $e$ |
| catch per unit effort | CPUE |
| coefficient of variation | CV |
| common test statistics | (F, t, $\chi^2$, etc.) |
| confidence interval | CI |
| correlation coefficient (multiple) | R |
| correlation coefficient (simple) | r |
| covariance | cov |
| degree (angular ) | ° |
| degrees of freedom | df |
| expected value | $E$ |
| greater than | > |
| greater than or equal to | ≥ |
| harvest per unit effort | HPUE |
| less than | < |
| less than or equal to | ≤ |
| logarithm (natural) | ln |
| logarithm (base 10) | log |
| logarithm (specify base) | $\log_2$, etc. |
| minute (angular) | ' |
| not significant | NS |
| null hypothesis | $H_O$ |
| percent | % |
| probability | P |
| probability of a type I error (rejection of the null hypothesis when true) | α |
| probability of a type II error (acceptance of the null hypothesis when false) | β |
| second (angular) | " |
| standard deviation | SD |
| standard error | SE |
| variance | |
| population | Var |
| sample | var |

*FISHERY MANAGEMENT REPORT NO. 04-12*

# THE ALITAK BAY DISTRICT COMMERCIAL SALMON FISHERY REPORT TO THE ALASKA BOARD OF FISHERIES, 2005

By

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December 2004

The Division of Sport Fish Fishery Management Reports series was established in 1989 for the publication of an overview of Division of Sport Fish management activities and goals in a specific geographic area. Since 2004, the Division of Commercial Fisheries has also used the Fishery Management Report series. Fishery Management Reports are intended for fishery and other technical professionals, as well as lay persons. Fishery Management Reports are available through the Alaska State Library and on the Internet: http://www.sf.adfg.state.ak.us/statewide/divreports/html/intersearch.cfm. This publication has undergone regional peer review.

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*This document should be cited as:*
*Wadle, J. A. 2004. The Alitak Bay district commercial salmon fishery report to the Alaska Board of Fisheries, 2005. Alaska Department of Fish and Game, Fishery Management Report No. 04-12, Kodiak.*

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# ABSTRACT

The salmon fisheries of the Alitak Bay area are some of the oldest in the Kodiak Management Area (KMA). The first cannery was built in this area in 1889 and sockeye salmon *Oncorhynchus nerka* bound for Upper Station (South Olga Lakes) were targeted. As exploitation increased, sockeye salmon stocks declined, and pink salmon *O. gorbuscha* made up a substantial portion of the harvest from this district after 1924. With statehood (1959) came greater control over the fishery, and the Alaska Department of Fish and Game was given the duty to conserve and rebuild salmon stocks. Sockeye salmon were introduced into the previously barren Frazer Lake beginning in 1951. This introduction was successful and, since the early 1970s the Frazer system has had a self-sustaining sockeye salmon run.

The Alitak Bay District (ABD) fishery is unique in the KMA. Both set gillnet and seine gear can fish in this district but are segregated in different sections. Set gillnets are allowed only in the inside waters of the Alitak Bay, Moser Bay, and Olga Bay Sections, while seine gear is limited to the outer waters of the Cape Alitak and Humpy-Deadman Sections. In 1987, the existing harvest strategy was formalized into a regulatory management plan and was adopted by the Alaska Board of Fisheries (BOF; 5AAC 18.361). This plan details the key species and targeted stocks that are managed for in each section of the district throughout the fishing season. The stated intent of this plan is that salmon be harvested in the "traditional" fisheries located in the Cape Alitak, Alitak Bay, Moser Bay, Olga Bay, and Humpy-Deadman Sections. The current ABD management plan has seen many revisions and additions since its inception. Most recently (2002) the ABD was modified to include staggered commercial fishing openings by section. Allocation guidelines were established by the BOF in 2002 in order to assess the effect of the staggered fishing periods.

The harvest guidelines of the early-run and late-run sockeye salmon are as follows:

(1) in the Olga Bay Section, the harvest by set gillnet permit holders should range from 16 to 22 percent,

(2) in the Moser Bay Section, the harvest by set gillnet permit holders should range from 16 to 22 percent,

(3) in the Alitak Bay Section, the harvest by set gillnet permit holders should range from 18 to 24 percent,

(4) in the Cape Alitak Section, the harvest by purse seine permit holders should range from 38 to 44 percent.

In 2002 KMA managers scheduled a commercial salmon fishing period for the ABD on June 9. There was no effort for the first period due to price disputes between commercial salmon fishermen and local processors. Poor sockeye salmon returns to the keep most of the area closed to commercial salmon fishing. However strong pink salmon returns allowed managers to open the Humpy-Deadman Section. In total, 13 Chinook *O. tshawytscha*, 14,575 sockeye, 1,060 coho *O. kisutch*, 1,078,120 pink, and 10,164 chum salmon *O. keta* were harvested by seine gear. Allocative objectives were not met in 2002.

In 2003 KMA managers tentatively scheduled a commercial salmon fishing period for the ABD on June 5 if certain criteria were met. The criteria were met and a June 5 opening was allowed. Commercial salmon fisheries occurred in Alitak Bay District management units throughout the season, based on run strength of local sockeye, pink and coho salmon stocks. The first staggered fishing period occurred on June 9. The last Alitak Bay District delivery occurred on September 5. In total, 1,308 Chinook, 341,402 sockeye, 10,592 coho, 497,822 pink, and 31,866 chum salmon were harvested. Twenty two (22) purse seine permit holders fished in the Alitak Bay District fisheries, and harvested 62% of the total catch. Sixty-five (65) gill net permit holders fished in the Alitak Bay District, and harvested 38% of the total catch. Allocative objectives were not met in 2003.

In 2004 KMA managers tentatively scheduled a commercial salmon fishing period for the ABD on June 5 if certain criteria were met. The criteria were met and the June 5 opening was allowed. Commercial salmon fisheries occurred in Alitak Bay District management units throughout the season, based on run strength of local sockeye, pink and coho salmon stocks. The last Alitak Bay District delivery occurred on September 11. In total, 1,316 Chinook, 1,156,539 sockeye, 15,897 coho, 1,420,188 pink, and 38,348 chum salmon were harvested. Thirty two (32) purse seine permit holders fished in the Alitak Bay District fisheries, and harvested 59% of the total catch. Seventy-one (71) gillnet permit holders fished in the Alitak Bay District, and harvested 41% of the total catch. Allocative objectives were not met in 2004.

Keywords: Kodiak Management Area, Alitak Bay District, Alaska Board of Fisheries, allocative guidelines, staggered openings, Alitak Bay District Salmon Management Plan, salmon management units, terminal harvest area, Chinook salmon, sockeye salmon, coho salmon, pink salmon, chum salmon.

# INTRODUCTION

The Alitak Bay District (ABD) is one of seven commercial salmon fishing districts in the Kodiak Management Area (KMA). This district contains 32 known salmon streams. Six species of Pacific salmon migrate through, and spawn within streams in the district, including sockeye *Oncorhynchus nerka*, pink *O. gorbuscha*, chum *O. keta*, coho *O kisutch*, Chinook salmon *O. tshawytscha*, and steelhead trout *O. mykiss*. The ABD is currently managed under Alaska Board of Fisheries (BOF) approved regulatory guidelines by the ABD Salmon Management Plan (5 AAC 18.361).

## LOCATION

The ABD is located at the southern end of Kodiak Island, extending from Cape Trinity (56° 44.80'N lat.), on the Aliulik Peninsula, to the latitude of Low Cape (56° 59.50'N lat.), on the southwest side of Kodiak Island (Figure 1). Within these boundaries are Humpy Cove, Portage and Sulua Bays, Deadman Bay, Alitak Bay, Moser Bay, Olga Bay, and the outside beach from Cape Alitak to Low Cape, which includes Sukhoi Lagoon.

## ALITAK BAY DISTRICT MANAGEMENT UNITS

The ABD is currently subdivided into 10 sections (Figure 2). Exclusive areas for both seine and gillnet gear have been in effect in the ABD since prior to Alaska statehood (1959). This was modified slightly in 1970 when fishing by seine gear was allowed in the entire ABD after September 4; this modification is still in effect. The Humpy-Deadman, Cape Alitak, Alitak Bay, Moser Bay, and Olga Bay Sections are considered the traditional harvest areas. The seine gear only areas include the Humpy-Deadman and Cape Alitak Section, while the Alitak, Moser, and Olga Bay Sections are designated set gillnet only areas prior to September 5. The remaining five sections, the Dog Salmon Flats, Inner Akalura, Outer Akalura, Outer Upper Station, and Inner Upper Station Sections are considered nontraditional harvest areas and are also designated set gillnet only through September 4. These sections are normally closed to fishing and open only if salmon well in excess of escapement requirements move past the traditional fishing areas.

## HISTORY

Commercial fishing for salmon has a long history in this area, beginning with the Russians in the early 1800s. The first canneries were built in 1889, one in Moser Bay and one in inner Olga Bay. A cannery built in Alitak Bay near the village of Akhiok in 1918 is still in operation (Roppel 1986). Sockeye salmon was the species that drew commercial interest to Alitak Bay, with South Olga Lakes (Upper Station system) and Akalura Lake being the main producers. After 1924 pink salmon began to compose a considerable portion of the catch. Fish traps were the primary gear used to harvest salmon, plus a few large beach seines and gillnets. Since the 1930s commercial salmon fishing in Olga Bay and in portions of Moser Bay has been limited to set gillnets only. Purse seines were first allowed into this district in 1933 when, by regulation, they were allowed to operate outside of Moser Bay from Cape Trinity to Cape Alitak. Fish traps, previously allowed at specific sites in Alitak Bay, were prohibited in 1959 with Alaska statehood (Figure 2).

Stocks declined in the early 1900s as competition for salmon resources increased. Harvest control was virtually nonexistent prior to 1924, leading to the congressional enactment of the White Act. The White Act mandated that escapement should equal 50% of the total run, as determined by harvest reports and escapement counts, with sockeye salmon the principal (if not only) species considered. In Alitak Bay these escapement counts came from fish counting weirs

first installed in 1923 at Upper Station (at the outlet of the lower lake) and at Akalura Creek. Closed water sanctuaries were established, and fixed weekly fishing periods and season lengths were adjusted projected to perceived run strengths. With little enforcement this was largely ineffective, plus large escapements did not necessarily lead to increased productivity. Sockeye salmon runs continued to decline or remained depressed. With Alaska statehood came the application of fixed escapement objectives, increased research of optimum spawning capacity, stocking of previously barren or depressed lake systems, adjustments in escapement objectives, increased monitoring and enforcement, emergency order openings and closures based on actual run strength, modifications in gear size and operation, and changes in harvest strategies and management plans. These tools continue to be used by the department to achieve optimum escapement and maximize the sustainable harvest.

# SALMON RESOURCES

The ABD currently has two major sockeye salmon producing systems and several major pink, chum, and coho salmon producing systems. Escapement into district streams is estimated by aerial survey for most systems, with foot surveys on some minor systems, and fish counting weirs on major sockeye salmon producing systems.

Escapement objectives for individual salmon systems have developed over time. The Alaska Department of Fish and Game (ADF&G) has attempted to achieve fixed objectives, based on historical escapement counts and research of the individual systems' production potential. With increased knowledge of each system's response to various escapement levels and their production potentials, escapement objectives have been modified (Table 1).

Prior to the late 1980s escapement objectives for pink, chum, and coho salmon were set by wide geographical areas, and only for areas where significant production occurred. Escapement objective ranges (with lower and upper bounds) were first listed for major or representative sockeye, coho, pink, and chum salmon systems in 1988 (Table 2). These objectives were meant to be guidelines for management, such that accomplishment of escapements within these ranges should ensure stable salmon production and allow for continued commercial harvests. Pink salmon returns throughout the KMA may exhibit an odd-year or even-year dominance, and current pink salmon escapement objectives are based on odd-year or even-year production.

## CHINOOK SALMON

Chinook salmon fry were stocked in the Frazer Lake/Dog Salmon Creek system from 1966 through 1969 (Blackett 1979). The introduction was successful and Chinook salmon still return to the Frazer system; however, the size of the population remains small (Table 3; Figure 3). This system accounts for 99.9% of the total Chinook salmon escapement in the ABD (there are occasionally individual Chinook salmon counted in other systems in this district, but are considered strays). The highest recorded escapement was 724 Chinook salmon in 2003. The 2004 Chinook salmon escapement for the ABD was 577, which was above the previous 10-year (1994-2003) average escapement (462 Chinook salmon; Table 3).

Small numbers of Chinook salmon have been harvested in the ABD, even in years prior to the Frazer Lake introductions. There was a record harvest of 1,946 Chinook salmon in 1994 (Table 4). The 2004 harvest (1,316) was above the previous 10-year (1994-2003) average harvest of 681 Chinook salmon (Table 4).

## SOCKEYE SALMON

Sockeye salmon are found in at least five streams in the ABD, with two relatively large producers (Upper Station and Frazer Lake systems) and three smaller systems (Akalura, Silver Salmon, and Horse Marine systems; ADF&G 1993). All five systems empty into Olga Bay (Figure 1). Historically, the ABD systems produced large numbers of sockeye salmon, and commercial catches were second only to those from the Karluk Lake system. Prior to the establishment of a Frazer Lake sockeye salmon run, Upper Station and Akalura systems were the main producers in Alitak Bay. Annual sockeye salmon harvest was relatively low from the mid 1950s to mid 1970s (Figures 4 and 5). Through the mid 1970s the only major contributor to the ABD sockeye salmon catch was Upper Station (Manthey et al. 1977).

Sockeye salmon were introduced into the previously barren Frazer Lake from 1951 through 1971. A fish pass was constructed in 1962 to allow sockeye salmon to migrate around the barrier falls and into the lake. Counts of upstream migrant salmon have been made at the Frazer Lake fish pass since 1962. This introduction has been considered very successful, and since the early 1970s has been self-sustaining (Blackett 1979). In an attempt to rebuild early sockeye salmon runs to Karluk Lake and minor sockeye salmon systems and to allow the new Frazer Lake run to build, most of the KMA (including Alitak Bay) was closed to fishing during June and early July from 1971 through 1977.

Initial attempts at stabilizing production included setting escapement goals for sockeye salmon systems in the ABD (Table 1). In the early 1970s the Frazer Lake escapement goal for sockeye salmon was set at 175,000 while Upper Station sockeye salmon was set at 180,000. Research on the Frazer Lake escapement goal, conducted from the mid 1960s to late 1970s, indicated a potential optimum escapement of 365,000 to 400,000 spawning sockeye salmon. This optimum escapement goal level was based on estimates of rearing capacity and the available spawning habitat of Frazer Lake and its tributaries (Blackett 1979). However, the Frazer run was newly established and it was uncertain whether all spawning habitats would be utilized. This uncertainty resulted in setting a lower goal of 175,000 to 250,000 (Manthey et al. 1981). The extensive June and early July closures of commercial fisheries from 1971 through 1977 greatly improved the sockeye salmon escapements into Frazer Lake. As an added benefit of the closures, the early portion of the Upper Station sockeye salmon run began to increase. To take advantage of the newly improved production levels very limited commercial fisheries (two 24-hour openings) were allowed in June beginning in 1978. These fisheries were limited to gillnet sections (the equivalent of the current Alitak Bay, Moser Bay, and Olga Bay Sections).

Sockeye salmon escapement goals were first presented in preseason management plans in 1978 (Manthey et al. 1978). In developing the Upper Station sockeye salmon escapement goal, it was noted that extensive research into the optimum escapement level for this and other systems was lacking. As a result, many of the initial escapement goals were based on assessment and interpretation of historic production levels. The Upper Station sockeye salmon escapement goal ranged from 100,000 to 180,000 fish. This goal was apportioned by month, as follows: July-30,000, August-130,000, and September-20,000 fish. The August portion of the goal was further broken down into weekly goals. Note that no portion of the year-end escapement requirement was expected to occur in June The Frazer Lake sockeye salmon run was intended to be primarily an early-run system. The Frazer Lake escapement goal remained at 175,000 to 250,000 sockeye salmon.

After a large sockeye salmon escapement at Frazer Lake in 1980 (405,000) there were indications that the previous assessment of spawning potential was correct. In 1981, the Frazer Lake goal was raised to 350,000 to 400,000 sockeye salmon. In order to meet the new escapement objective for Frazer Lake, the department continued with a very restrictive management strategy that resulted in some large escapements into Frazer Lake that met, and at times exceeded, the new objective. Due to the restrictive management, sockeye salmon were not intercepted before migrating into Olga Bay. This tended to produce large daily catches in Olga Bay. These new levels of sockeye salmon available for harvesting attracted the attention of both gillnetters and seiners.

In 1983 a weir was established on the lower portion of the Frazer Lake system, on Dog Salmon Creek approximately one-half mile from saltwater. The new weir provided managers timely counts of sockeye salmon escapement into the river (the fishpass is five miles and roughly four days migration time above the commercial fishery), and allowed assessment of salmon buildups on Dog Salmon Flats near the river mouth.

Also in 1983 the sockeye salmon escapement goal for Upper Station was increased to a range of 150,000 to 250,000 fish. The primary justification for this increase was based on an improved return from only one year (1974) of high escapement. It was also evident that the restricted commercial fishing in June allowed the early segment of the Upper Station sockeye salmon run to build. As this early portion of the run developed and interest in harvesting the fish increased, it became prudent to establish an escapement goal (there was no Upper Station escapement goal for June). The first June escapement goal was assigned in 1983 when the early portion of the goal was changed from 30,000 sockeye salmon in July to 50,000 sockeye salmon in June and July (Manthey et al. 1983). The goal was apportioned so that the June goal was 20,000 sockeye salmon, while the July goal remained at 30,000. In addition, the August portion of the goal was increased from 130,000 sockeye salmon to 175,000 sockeye salmon. The new August goal was again broken down into weekly goals. The September portion of the goal was also increased from 20,000 to 25,000. These escapement goals for Upper Station sockeye salmon remained in effect through 1987.

In the mid 1980s there were signs that problems were developing with the Frazer Lake sockeye salmon. The Frazer Lake sockeye salmon stock did not respond as expected to the higher escapements, with much lower than expected returns from the large escapements. The first poor run was in 1984, and the effects of previous overescapements were suspected. Poor sockeye salmon runs to Frazer Lake occurred again in 1986 and 1987. Severe fishery restrictions during June were again employed to ensure sufficient escapement to the Frazer system. The Frazer Lake sockeye salmon escapement goal was lowered to 200,000 to 275,000 sockeye salmon in 1986.

In 1985 ADF&G Kodiak salmon research staff began constructing brood tables for Kodiak's major sockeye salmon systems and initiate a formal forecasting program. With the development of formal forecasts for each major sockeye salmon system, the expected timing of the harvests could be projected. This led to breaking Kodiak's long fishing season into early and late segments, with July 15 as the break point. For sockeye salmon systems that have a bimodal time of entry, July 15 was utilized as a break between the early and late-run escapement goals. Instead of using interim escapement goals by month or week, interim goals were changed to reflect an average escapement time of entry (percent by day). In 1986 ADF&G initiated a gillnet test fishery to be used to estimate the abundance of Frazer Lake bound sockeye salmon entering Olga Bay during closures, and to maximize the harvest in traditional fishing areas. The test fishery site

has been located in Chip Cove, near the mouth of Olga Narrows leading into Olga Bay, since 1988.

In 1988 the sockeye salmon escapement objectives for Upper Station and Frazer Lake were again changed. For Frazer, upon department review of escapements and subsequent returns, the objective was reduced to 140,000 - 200,000 sockeye salmon, with an escapement of 140,000 sockeye salmon being targeted (as counted through the Dog Salmon weir). The Frazer Lake stock is essentially an early run (prior to July 15).

In 1988 the Upper Station target escapement goal was raised to 275,000 sockeye salmon, with a minimum goal of 200,000 sockeye salmon. An early-run component was identified as those fish counted past the weir through July 15, and a late-run component was identified as sockeye salmon entering after July 15. The sockeye salmon escapement goal for the early Upper Station run was changed to a range of 50,000 to 75,000 fish through July 15. This was a large increase from the previous early-run goal (50,000 in June and July, with 20,000 in June). This early-run goal suggested that there might be a sustainable early run, even though historically only the July-August-September run was recognized. This early goal would also be used as an "action point" to trigger directed fisheries in the normally closed waters of upper Olga Bay. This meant that directed fisheries in the closed waters would not occur unless it appeared that the upper range of the goal would be exceeded. The sockeye salmon escapement goal for the late run to Upper Station was changed to a range of 150,000 to 200,000 fish from July 15 through mid September, recognizing that this was still the most productive portion of Upper Station's annual sockeye salmon run.

Individual sockeye salmon escapement goals have been formulated for Upper Station (early and late run) and Frazer Lake. Other systems with sockeye salmon production include Akalura, Horse Marine, and Silver Salmon Lakes. These five systems account for 99.9% of the total sockeye salmon escapement in the ABD (there are two additional very small sockeye salmon systems in this district, one in Kempff Bay and one on the Aliulik Peninsula). Weirs have been operated annually at Upper Station and Dog Salmon Rivers. The Akalura River has had a weir for at least a portion of each year except in 1998, 1999, and 2004 when the Akalura River did not have a weir due to lack of funding. Sockeye salmon escapements to Horse Marine and Silver Salmon (and to Akalura in 1998, 1999, and 2004) have been estimated by aerial survey. It is important to point out that aerial surveys provide a snap shot of the escapement at the point in time when the survey is performed and may not reflect the total escapement.

For all systems combined, the ABD aggregate escapement objective (including systems without goals) is currently 386,000 - 550,000 sockeye salmon (Nelson and Lloyd 2001; Table 2). The sockeye salmon escapement objective for the ABD was met in 2004 (489,061; Table 3; Figure 6). Both the Frazer and Upper Station systems met or exceeded their current escapement goals (Figure 7). The Frazer and Upper Station systems have met or exceeded escapement goals for 8 of the last 10 years (Figure 6). The highest recorded sockeye salmon escapement was 933,852 fish (1985) and the recent 10-year (1994-2003) average escapement is 469,633 sockeye salmon (Table 3).

The recent ABD 10-year (1994-2003) average harvest is 775,875 sockeye salmon, with the record harvest of 2,062,718 sockeye salmon occurring in 1991 (Table 5). There were 1,156,539 sockeye salmon harvested in the 2004 season (Table 5).

## COHO SALMON

Coho salmon are known to spawn in at least 15 streams within the ABD (ADF&G 1993). Sukhoi Lagoon, Silver Salmon, Akalura, Upper Station, Dog Salmon, Horse Marine, Deadman, Sulua, and Humpy Creeks all have relatively minor populations. There are three representative streams for which sustainable escapement goals (SEGs) have been established: Upper Station, Dog Salmon, and Akalura (Nelson and Lloyd 2001). These three streams account for an average of over 70% (range 48-100%) of the ABD coho salmon escapement counts. Because coho salmon may continue to migrate into streams late into the fall (as late as November), and budgets and inclement weather preclude late season escapement surveys, the current SEGs are considered interim goals. These SEGs represent the number of coho salmon that should be counted in these systems by September 15.

The ABD coho salmon aggregate escapement goals is 8,500 - 14,500 (Nelson and Lloyd 2001; Table 3). Indexed coho salmon escapements in the entire district (including systems without escapement goals) seldom exceed 30,000 fish. Due to limited escapement monitoring late in the season, coho salmon escapement estimates generally represent minimum numbers. The highest recorded coho salmon escapement was 52,941 in 1998. The 2004 district-wide coho salmon escapement (9,397) was within escapement objectives, but well below the previous 10-year average (24,461). The below average estimate was primarily due to the Dog Salmon weir being pulled earlier than past years and not operating the Akalura River weir. Coho salmon escapement objectives have been met or exceeded each year since 1985 (Table 3; Figure 8).

The recent 10-year (1994-2003) average harvest is 18,996 coho salmon, with the record harvest of 43,914 coho salmon occurring in 1985 (Table 6). There were 15,987 coho salmon harvested in the 2004 season (Table 6).

## PINK SALMON

Pink salmon are generally the most numerous salmon species and certainly the most wide spread in the KMA, occurring in all known salmon streams (ADF&G 1993). The largest producing systems in the ABD are the Humpy, Deadman, and Dog Salmon Creeks. As with most pink salmon populations, survival and subsequent return of pink salmon to this district is highly variable. Over the last twenty years these systems have generally exhibited an odd-year dominance, with larger pink salmon returns often occurring in odd-numbered years (Table 3). It should also be noted that the timing of the pink salmon return to the Dog Salmon Creek varies considerably between odd and even years. On odd-numbered years the highest pink salmon escapement counts occur during the last week of July, while on even-numbered years peak escapement occurs the last week of August (Figure 9).

KMA pink salmon escapement goals have been established on a district-wide, rather than individual stream, basis. The Alitak district-wide escapement goal range is 162,000 - 486,000 pink salmon in even-numbered years, and 212,000 - 636,000 pink salmon in odd numbered years (Nelson and Lloyd 2001; Table 2). The 2004 pink salmon escapement (1,008,986) exceeded the escapement goals, but was below the previous 10-year average (1,168,036; Table 3; Figure 10). The escapement goals has been met or exceeded in 19 of the last 20 years (Figures 10 and 11). In the previous 10 years (1994-2003) the average odd-year escapement was 1,386,896 pink salmon, while the average even-year pink salmon escapement was 992,191. The highest recorded pink salmon escapement was 3,796,345 individuals in 1995 (Table 3).

During the past 10 years (1994-2003) the odd-year average harvest was 2,262,557 pink salmon, while the even-year average pink salmon harvest was 940,024 (Table 7). The record harvest of 7,065,924 pink salmon occurred in 1995. There were 1,420,188 total pink salmon harvested in the 2004 season (Table 7).

### CHUM SALMON

Chum salmon escapements have been documented in 14 streams within the ABD (ADF&G 1993). Sukhoi Lagoon supports a large population (escapements in excess of 100,000 have been documented), and the chum salmon runs to Dog Salmon, Deadman, Portage, and Northeast Sulua systems can be significant (greater than 20,000). Yearly indexed chum salmon escapements in the district vary widely, though difficulties identifying chum salmon in streams during large pink salmon returns may be a significant factor influencing escapement estimates.

Similar to pink salmon, KMA chum salmon escapement goals have been established on a district-wide, rather than individual stream, basis. The Alitak district-wide escapement goal range is 26,000 to 78,000 chum salmon (Nelson and Lloyd 2001; Table 2). The 2004 chum salmon escapement (34,406) was within the escapement goal range, but below the previous 10-year average (67,305; Table 3; Figure 12). The escapement goal has been met or exceeded in the last 10 years (Table 3; Figure 12). The highest recorded chum salmon escapement (1991) was 139,520 chum (Table 3).

The previous 10-year (1994-2003) average harvest was 67,036 chum salmon, with the record harvest of 191,437 chum salmon occurring in 1971 (Table 8). There were 38,348 total chum salmon harvested in the 2004 season (Table 8).

## MANAGEMENT

In the ABD, ADF&G attempts to ensure that stock specific escapement requirements are met while allowing the harvest of surplus fish throughout the runs in traditional harvest areas (ADF&G 2002). The Humpy-Deadman, Cape Alitak, Alitak Bay, Moser Bay, and Olga Bay Sections are areas in the ABD that are recognized as traditional harvest areas. The overlap in run timing of various stocks, combined with variations in run size, add to management difficulty. The complexity of managing for several salmon producing systems with various run timings, and the fisheries on these stocks, necessitated a detailed overall management plan.

Each year preseason sockeye salmon forecasts are prepared by ADF&G research staff, which are usually based on recent-year sibling relationships and/or smolt to adult survival data. Run projections for other species are formulated based on recent escapements and assumed production capabilities. To judge inseason run strength various data are used, including salmon counts from weirs, escapement and buildup estimates from aerial surveys, ADF&G test fishery indices of fish passage into Olga Bay, commercial catch and effort levels, and estimates of the commercial catch stock composition.

### MANAGEMENT PLANS

Just as escapement goals have been set and modified over time, the management of the ABD commercial salmon fishery has also evolved. Various harvest strategies have been applied to the salmon resources. Most emphasis has been centered around the management of sockeye salmon stocks (Table 1).

As noted earlier, from 1970 through 1977 there was a complete closure of the ABD during June, to allow Frazer Lake sockeye salmon stocks to build. In 1975 management moved from weekly fishing periods set preseason to commercial openings set inseason by emergency order. In the late 1970s a Moser/Olga Bay Management Plan was formulated by ADF&G area biologists. In 1978 the preseason plan allowed for a minimum of two, single day, fisheries in the district during June (typically near June 14 and June 22). However, only the set gillnet sections were opened.

In the early 1980s, in order to meet the Frazer Lake sockeye salmon escapement goals (350,000 – 400,000), the department continued with this restrictive management strategy. This resulted in relatively large sockeye salmon harvests inside Olga Bay, as well as escapements into Frazer Lake that met, and at times exceeded, the current goals. These new, increased, levels of sockeye salmon available for harvest in the ABD attracted the attention of both gillnetters and seiners (Figure 4). In 1982 catch reporting statistical areas were changed so that gillnet harvests could be distinguished between Olga and Moser Bays. In 1982 gillnetters harvested 86% of the sockeye salmon caught in the ABD (Table 5).

In 1983, with the Frazer Lake sockeye salmon stock developing well, the BOF directed the department to open the Cape Alitak Section (seine gear) concurrently with openings of the Moser/Olga Bay Section (set gillnet). The ABD harvest strategy also allowed for the possibility of limited gillnet openings in the normally closed area in upper Olga Bay and near the mouth of the Dog Salmon Creek (Dog Salmon Flats) in the event of escapements in excess of established escapement goals. Late in the 1983 season “mop up” fisheries occurred in the normally closed upper Olga Bay area (the equivalent of the Inner and Outer Upper Station and Outer Akalura Sections) and on Dog Salmon Flats, for coho and late Upper Station sockeye salmon (Table 9). In 1983, the first year that purse seine gear was allowed equal fishing time with gillnet gear, the gillnetters harvested 59% of the sockeye salmon harvested in the ABD (Table 5).

Beginning in 1984, a more aggressive harvest strategy was implemented by ADF&G. Specifically, a June 9 one-day "commercial test fishery" was initiated. This allowed an early commercial fishing period for the purpose of assessing the strength of the early sockeye salmon run to Frazer Lake. This also distributed the Frazer Lake harvest to fishers to Moser Bay gillnet and Alitak Bay seine fishers. The June 9 harvest has been used to trigger another commercial opening as early as June 12. The harvest during this June 9 fishery was still used as an indicator of the actual strength of early-run sockeye salmon stocks.

The Frazer Lake sockeye salmon run was poor in 1984, and the effects of previous overescapements were suspected. Severe fishery restrictions during June were employed to ensure sufficient escapement reached the Frazer system. Upper Station experienced a good sockeye salmon run, and an upper Olga Bay “mop up” fishery was necessary (Table 9). In 1985 the Frazer Lake sockeye salmon run was strong, and the first Frazer Lake sockeye salmon mop up fishery was allowed, in the normally closed water section at the stream mouth on Dog Salmon Flats. Poor sockeye salmon runs to Frazer Lake occurred again in 1986 and 1987, which resulted in a minimal amount of fishing time in the traditional harvest locations in the Moser/Olga Bay, Humpy-Deadman, and Cape Alitak Sections.

Upper Station continued to have good returns, exceeding the current escapement goals, and upper Olga Bay mop up fisheries were necessary during June and July of 1986 and 1987 (for the Upper Station early run), and in August of 1986 (for the Upper Station late run; Table 9). These mop up fisheries were not popular with the majority of KMA commercial fishers. Seine fishers could not access these fisheries because upper Olga Bay areas are limited to gillnet gear only

prior to September 5. Many gillnet fishers disliked these upper bay mop up fisheries because a great deal of effort and expense is required to move from their normal sites. Initially, three days advance notice was given to allow gillnet permit holders from Westside Kodiak areas more opportunity to participate.

In 1987 the department proposed to the BOF several regulation changes for the ABD. Section boundaries were described, with specific "normal closed water" upper Olga Bay sections defined (the Inner and Outer Akalura, Inner and Outer Upper Station, and Dog Salmon Flats Sections). The existing harvest strategy for the ABD was formalized into a regulatory management plan, detailing which species affect fishing time for each section throughout the season. This plan was adopted by the BOF in 1987, and in 1988 the ABD Salmon Management Plan (5AAC 18.361) went into regulation (Table 10). It was the stated intent that salmon be harvested in the traditional fisheries located in the Humpy-Deadman, Cape Alitak and Moser/Olga Bay Sections.

The ABD regulatory management plan provided a basic management strategy, with minor differences for even versus odd numbered years. The fishery is to be managed from June 9 through July 15 based on sockeye salmon escapement to the Frazer system; from July 16 through August 9 in even years for sockeye salmon escapement to Upper Station, and in odd years for pink salmon escapements to the Dog Salmon Creek; from August 10 to August 25 in even years for sockeye salmon escapement to Upper Station, and in odd years on both Upper Station sockeye salmon and Dog Salmon pink salmon escapements; and after August 25 management is based on sockeye and coho salmon escapements to the district streams (ADF&G 2002). The department uses aerial survey and weir escapement counts, qualitative analysis of inseason run timing, catch per unit effort of test and commercial fisheries, and species composition of the catches, to open and close the fishery by emergency order within the guidelines of the management plan.

This plan recognized that through July 15 sockeye salmon returning to Frazer Lake would largely determine fishing time in the traditional harvest locations, because the Frazer Lake sockeye salmon run is more productive than the early Upper Station sockeye salmon run. There were no directives in the management plan to provide opportunities (such as closures) to allow early Upper Station sockeye salmon past the traditional harvest locations if there was a harvestable surplus of Frazer Lake sockeye salmon. It was assumed that a sufficient number of early Upper Station sockeye salmon (necessary to sustain the run) would escape to spawn in the course of managing the traditional fishing areas to meet Frazer Lake sockeye salmon escapement objectives.

The reduced Frazer Lake goal has been fairly easy to achieve recently due to favorable production. In years of very large runs the sockeye salmon escapement into the Frazer Lake system may continue to exceed daily interim escapement goals despite nearly continuous fishing in the traditional harvest areas requiring short mop up fisheries in a portion of the Dog Salmon Flats Section. Dog Salmon Flats openings under these circumstances generally result in the harvest of lower quality fish. Since the adoption of lower Frazer Lake sockeye salmon escapement goals (1988), openings on Dog Salmon Flats targeting Frazer Lake sockeye salmon have occurred in 1988, 1990, 1991, 1994, 1997, 2001, and 2004 (Table 9).

Similarly, in years of strong late Upper Station sockeye salmon and strong coho salmon runs to Olga Bay systems, or in years when low Frazer Lake pink salmon returns have necessitated closures in the traditional harvest areas, openings in normally closed waters of upper Olga Bay were required. Since the adoption of higher Upper Station sockeye salmon escapement goals

(1988), upper Olga Bay openings, in the Outer and/or Inner Upper Station Sections, targeting late Upper Station sockeye and coho salmon have occurred in 1988, 1990, 1991, 1994, 1997, and 2003. An Upper Olga Bay opening was allowed in 1988, 2003, and 2004 for early-run Upper Station sockeye salmon. A short mop up fishery for Akalura sockeye salmon occurred in 1992. Specific statistical area numbers for the upper bay sections were not in place prior to 1995, so a breakdown of catches from the normally closed upper bay sections is not possible.

In 1999 the ABD Salmon Management Plan was again revised. The management plan was modified to protect the genetic diversity of the salmon systems and increase the sockeye salmon harvest for Olga Bay fishers through allocation guidelines. In an attempt to conserve minor stocks the BOF adopted the following revision to the ABD Salmon Management Plan (ADF&G 2002):

- the Frazer Lake sockeye salmon run shall be managed for maximum sustained yield and the early Upper Station sockeye salmon run shall be managed for sustained yield (defined as an early-run escapement of 25,000 sockeye salmon to Upper Station);
- there may be one 33 hour commercial test fishery between June 5 and June 13 in the Cape Alitak, Moser/Olga Bay, and Humpy-Deadman Sections;
- from June 13 through July 15 in the Cape Alitak, Humpy-Deadman, and Moser/Olga Bay Sections there shall be a minimum closure of 63 consecutive hours (2.6 days) in every 10-day period, unless the sockeye salmon escapement goals have been achieved for the Frazer Lake and early Upper Station sockeye salmon runs;
- from July 16 through August 25 there shall be a minimum closure of 63 consecutive hours (2.6 days) in every 10-day period in the Cape Alitak and Moser/Olga Bay Sections. The 2.6-day closure windows would allow for pulses of escapement to reach the salmon systems in Olga Bay and perhaps increase the Olga Bay fisher's sockeye salmon harvest percentage without placing an allocative plan in regulation.

The Board appointed an Alitak Task Force composed of selected members of each gear group (Olga Bay gillnet, inner Moser Bay gillnet, outer Moser Bay/Alitak Bay gillnet and purse seine). The task force was charged with reviewing the ABD Salmon Management Plan with regards to further changes in time and area, methods and means, and allocation between gear groups and between areas.

In 2002 the BOF expanded on the ABD management plan. Once again changes allocated more of the sockeye salmon harvest to the Moser and Olga Bay fishermen. The revised management plan provided differential opening times for the ABD sections, specifically the Cape Alitak, Alitak Bay, Moser Bay, and Olga Bay Sections. Under this plan the Olga Bay Section would open first at 6:00 AM the Moser Bay Section would open at 6:00 PM the same day and the Alitak Bay Section would open the following day at 6:00 AM. The Cape Alitak Section was designated to open on a rotational basis with each of the other sections starting with the Alitak Bay Section.

The BOF revisited the ABD management plan after the 2002 season and revised the staggered opening times so that the sections would open at six hour intervals. Under this plan the Olga Bay Section would open first at 6:00 AM the Moser Bay Section would open at 12:00 NOON the same day and the Alitak Bay and Cape Alitak Sections would open the same day at 6:00 PM. The Cape Alitak Section would not open on a rotational basis (ADF&G 2002).

Also, in order to evaluate the management plan, the BOF formulated allocative guidelines for each of the section in the ABD, except the Humpy-Deadman section. In order to evaluate the

allocative guidelines, the former Moser/Olga Bay Section was split into three distinct sections, the Alitak Bay, Moser Bay and Olga Bay Sections (ADF&G 2002).

The allocative guidelines based on the harvest of the early-run and late-run sockeye salmon are as follows:

(1) in the Olga Bay Section, the harvest by set gillnet permit holders should range from 16 to 22 percent,

(2) in the Moser Bay Section, the harvest by set gillnet permit holders should range from 16 to 22 percent,

(3) in the Alitak Bay Section, the harvest by set gillnet permit holders should range from 18 to 24 percent; and

(4) in the Cape Alitak Section, the harvest by purse seine permit holders should range from 38 to 44 percent.

It is important to note that the intent of the board was to use the allocation only as a guideline in which to evaluate the revised management plan. The allocations were not intended to be used as a management tool.

## GEAR RESTRICTIONS

An evolution of regulations has also occurred in regards to ABD fishing gear (Table 11). The increased sockeye salmon production in this district attracted interest from other set net permit holders to establish a fishing site in the Moser and Olga Bay Sections or expand existing fishing sites. This resulted in years of controversy over where and how it is legally permissible to fish a gillnet in the ABD.

### Seine

In 1985 a regulation was passed that prevents using a seine as a stationary trap (Table 11). In 1990 the maximum depth limit for purse seines was set at 325 meshes, with mesh size of seines not to exceed seven inches. Purse seines must be between 100 and 200 fathoms in length, and must be between 100 and 325 meshes deep with at least 50 fathoms of the seine at 150 meshes in depth. Beach seines must be between 100 and 225 fathoms in length and must be at least 100 meshes in depth. A lead of no more than 100 fathoms may be used with a purse seine, but the aggregate length of purse seine and lead may not exceed 250 fathoms.

### Set Gillnet

Compared to the seine fishery gear changes, the set gillnet fishery has seen more changes in regulations and some regulations specific to gear operating in the ABD have been adopted (Table 11). Prior to 1983 the aggregate length of set gillnets used by an individual could not exceed 150 fathoms, and no more than two set gillnets could be operated by the permit holder. Set gillnets were required to be operated in a straight line, with no more than 25 fathoms of each net used as a single hook. Seine webbing could be used on the inshore end of the set net as a lead, but only between high and low water marks. The inshore end of the set gillnet was required to be attached to the shore above the mean low water mark. Further, no part of a set gillnet could be placed or operated within 900 feet of any part of another set gillnet. In 1983 a 25 fathom hook in any configuration was allowed.

In 1985 many modifications to gillnet operations were passed into regulation. "Joint venture" set net operations were first allowed. This allows two permit holders to combine their gear, whereby

three gillnets, none of which can be more than 150 fathoms in length, could be operated. Also in 1985 it was specified that set net attachment points must be 900 feet apart and cannot be attached inside closed waters. Further, it was added that the shoreward end of the set gillnet must be attached to the beach above the lowest tide of the day. It was specified that seine webbing on the shoreward end of a set gillnet may not extend more than 50 fathoms seaward of the beach at lowest tide of the day, except in the Moser/Olga Bay Section where seine webbing may be used only from the high tide mark seaward, and no portion of the seine web may be in water deeper than five feet during the lowest tide of the day.

In 1988 the BOF again passed a number of set gillnet regulations. In order to increase the efficiency of terminal gillnet fisheries in the normally closed sections of Olga Bay, minimum distance requirement between units of gear were eliminated. In addition, no set gillnet gear, including running lines, leads, anchors, or buoys, could be in place in the water prior to the opening time of a fishing period.

It was also determined that the shoreward end of a set gillnet must be attached to a point of land that was exposed at the lowest tide of the day or to a rock that was within five feet of the surface at the lowest tide of the day. A rock was defined as any naturally located or created geological formation that shows no evidence of having been created through man-made means.

Further it was passed that in the Moser/Olga Bay Section (now the Moser Bay Section) south of a line from Bun Point to a point on the opposite shore at 56° 57' 59" N lat., 154° 07' 35" W long. seine webbing may be used only from high tide seaward, plus no portion of the seine webbing used can be in water deeper than five feet at lowest tide of the day, or the seine web lead length could not exceed 20 fathoms.

In 1990 the BOF passed into regulation that in the ABD the distance from an attachment point to the shore end of the net is limited to the legal lead distance for that gear location. Also in 1990 a maximum depth limit was placed on set gillnets of 125 meshes.

In 1994, in response to claims that there had been a proliferation of new set gillnet gear into the Moser Bay portion of the Moser/Olga Bay Section, and because of difficulties in enforcing a regulation on set gillnet attachment points based on determination of which rocks were within five feet of the surface at the lowest tide of the day, the BOF passed new regulations on attachment points, to take effect for the 1995 season (ADF&G 2002). Beginning January 1, 1995, the shoreward end attachment point could be no more than 2.1 feet below the surface of the water at mean low water at Alitak Bay. If the shoreward attachment is under water at any time, it must be certified and marked with a permanent survey monument by registered land surveyors. Also, gillnet attachments can be no more than two feet from the survey monument, and never deeper than the 2.1 foot limit.

# 2002 ALITAK BAY DISTRICT FISHERIES

## EARLY RUN

As scheduled in the 2002 Kodiak Area Commercial Salmon Fishery Harvest Strategy the first ABD commercial salmon fishing period began on June 9 for 33 hours (Brennan et al. 2002). There was no commercial salmon fishing effort during the initial June 9 fishing period due to price disputes between fish processors and commercial fishermen. Despite no commercial fishing effort, escapements were poor for both the Frazer Lake and early-run Upper Station sockeye salmon (Figures 13 and 14). The ADF&G test fishery in Olga Narrows also indicated

little movement of sockeye salmon toward the Upper Station and Frazer systems. No further commercial fisheries were allowed in the ABD targeting early-run (before July 15) sockeye salmon. Escapements to Frazer Lake (counted through the Dog Salmon Weir) were very weak (106,000), and did not meet the established biological escapement goal (BEG) (140,000 to 200,000; Figure 13). Upper Station early-run sockeye salmon escapement (36,800) exceeded the optimal escapement goal (OEG; 25,000; Table 2; Figure 14). There was a small, incidental harvest of sockeye salmon (4,200) which occurred in the seine only Humpy-Deadman Section, and was well below the ABD forecasted harvest of 389,000 early-run (pre July 15) sockeye salmon (Wadle 2004).

### LATE RUN

Late-run Upper Station sockeye salmon were much weaker than expected, for the second consecutive year. No commercial fisheries were allowed in those sections of the Alitak District that target late Upper Station or Frazer Lake sockeye salmon. The late-run Upper Station escapement (150,300) just met the SEG (150,000 to 200,000; Table 2; Figure 15). Due to strong pink salmon returns to many ABD streams, fishing time was allowed in the outer, seine-only, Humpy-Deadman Section. Pink salmon catches were excellent with 1,078,120 (forecast 600,000) being harvested. Again, there was a small, incidental harvest of sockeye salmon (14,575) which was well below the forecasted harvest of 259,000 late-run (post July 15) sockeye salmon (Wadle 2004; Table 14).

### SEASON TOTALS

Thirteen purse seine permit holders fished in the ABD fisheries, and harvested 13 Chinook (Tables 4 and 14), 14,575 sockeye (Tables 5 and 14), 1,060 coho (Tables 6 and 14), 1,078,120 pink (Tables 7 and 14), and 10,164 chum salmon (Tables 8 and 14). There was no harvest of salmon by gillnet permits in the 2002 season.

The Frazer Lake fishpass counted 85,317 sockeye salmon, which is below the current escapement goal range (140,000 – 160,000). The total sockeye salmon escapement into the Upper Station system was 187,151, which is below the escapement goal range (200,000 – 275,000).

## 2003 ALITAK BAY DISTRICT FISHERIES

### EARLY RUN

The ABD opened for two commercial salmon fishing periods in June. The first commercial fishing period occurred on June 5 for 33 hours. The June 5 opening was tentatively scheduled in the 2003 management plan in order to provide opportunity to harvest early-run Upper Station sockeye salmon prior to the peak escapement to Frazer Lake (Brennan et al. 2003). Generally, the Upper Station early-run sockeye salmon have an earlier run timing than the Frazer system (Figure 16). The intent of the early opening was to allow opportunity to harvest Upper Station early-run sockeye salmon prior to the Frazer system sockeye salmon peak run timing. Upper Station early-run sockeye salmon were forecast to be relatively strong, while the normally predominant early sockeye salmon run to Frazer Lake (through the Dog Salmon Creek weir) was expected to be weak. The following June 9 fishing period was permitted for the same reason and was the first of the BOF designated staggered openings.

The commercial catch from these two periods was just over 21,000 sockeye salmon, which indicated only poor to fair run strength. The ADF&G test fishery in Olga Narrows also indicated

a fairly weak movement of salmon toward Upper Station and Frazer system. Frazer Lake sockeye salmon escapements (counted through the Dog Salmon Weir) began later than normal and were weak through June. Escapements improved in July, however an unusually high percentage of the Frazer Lake sockeye salmon run were jack (1-ocean) salmon (up to 70% of the daily escapements). No further commercial fisheries were allowed in June targeting early-run ABD sockeye salmon.

The Upper Station early-run sockeye salmon exceeded both the OEG and SEG (50,000 to 75,000) on July 10. This prompted management biologists to open the Inner and Outer Upper Station Sections for a terminal harvest fishery on July 11. Effort was light with 12 permit holders harvesting only 1,172 sockeye salmon (Table 12).

The ABD salmon harvest through July 15 included 141 Chinook, 53,500 sockeye, 159 coho, 23,612 pink, and 5,093 chum salmon (Tables 13). The sockeye salmon harvest for the seine only sections (Cape Alitak and Humpy-Deadman) was 21,223 (39.7%), and for the gillnet only sections (Alitak Bay, Moser Bay, and Olga Bay) was 32,277 (60.3%) sockeye salmon.

Escapement through the Dog Salmon weir by July 15 was 210,938 sockeye salmon, which was above interim escapement goals (120,000 - 160,000; Figure 13). The sockeye salmon escapement through the Upper Station weir was 76,175, surpassing the early-run SEG (50,000 - 75,000 through July 15; Figure 14).

### LATE RUN

The late-run Upper Station sockeye salmon return was expected to be weak in 2003 (Brennan et al. 2003). However, with a strong Frazer Lake late-run sockeye salmon escapement and a strong pink salmon ABD return forecast, fishing time was allowed in the Alitak Bay District beginning July 14. As it turned out, the late-run Upper Station sockeye salmon run was above forecast. Even with the commercial fisheries, the Upper Station sockeye salmon escapement remained strong, meeting or exceeding interim goals throughout August. KMA managers allowed maximum fishing time until the end of the season.

Effort during July and August was low, with only 21 seine and 53 gillnet permit holders operating in the District. Many of the gillnet permit holders had removed their gear prior to the July–September fishing periods. The last delivery occurred on September 5, when local processors stopped tender service or quit buying altogether. Harvests from late ABD fisheries (July 16 – September 5) include 287,902 sockeye salmon, exceeding the Upper Station late-run harvest forecast point estimate (61,000) but within the forecast range (0 to 726,000). The total commercial salmon harvest for the remaining species in the ABD from July 16 to season's end included 157 Chinook, 10,433 coho, 474,210 pink, and 26,773 chum salmon (Tables 12 and 13).

The late-run Upper Station escapement was 200,894 sockeye salmon, exceeding the established SEG (150,000 to 200,000; Table 2; Figure 15).

### SEASON TOTALS

Twenty two purse seine permit holders fished in the ABD fisheries, and harvested 288 Chinook (96.6% of the total Chinook salmon harvest; Tables 4 and 14), 111,455 sockeye (33%; Tables 5 and 14), 5,836 coho (55%; Tables 6 and 14), 407,335 pink (82%; Tables 7 and 14), and 24,733 chum salmon (78%; Tables 8 and 14). Sixty-five gillnet permit holders fished in the ABD, and harvested 10 Chinook (3.4%), 229,947 sockeye (67.4%), 4,756 coho (44.9%), 90,487 pink (18.2%), and 7,133 chum (22.4%) salmon (Tables 4 – 8 and 14). Further, the gillnet harvest can

be apportioned between the Alitak Bay (statistical area 257-41), Moser Bay (statistical area 257-43) and Olga Bay Sections (statistical area 257-40; Table 12). Twenty-five gillnet permit holders fished in Alitak Bay Section, and harvested 6 Chinook, 82,415 sockeye, 1,854 coho, 30,251 pink, and 2,417 chum salmon (Table 12).Twenty-nine gillnet permit holders fished in Moser Bay, and harvested 2 Chinook, 105,741 sockeye, 2,215 coho, 43,149 pink, and 1,918 chum salmon (Table 12). Thirty gillnet permit holders fished in Olga Bay, and harvested 2 Chinook, 40,619 sockeye, 686 coho, 17,036 pink, and 2,771 chum salmon, (Table 12).

Terminal "mop up" harvest fisheries accounted for less than 1.0% of the total ABD sockeye salmon harvest in the ABD. Twelve gillnet permit holders harvested a total of 1,172 sockeye salmon in the Upper Station Section (Table 12).

The relative percentages of the sockeye salmon harvest in traditional fishing sections, Cape Alitak, Alitak Bay, Moser Bay, and Olga Bay did not fall within the BOF allocative guidelines in 2003. The Cape Alitak Section harvested 24.85% (allocative guideline 38% to 44%) of the total sockeye salmon harvest. Seine effort (21 permits) was lower than the previous 10-year average (89 permits). The Alitak Bay Section harvested 27.07% of the sockeye salmon (allocative guideline 18% to 24%; Table 15). The Moser Bay Section finished the season with 34.73% of the harvest (allocative guideline 16% to 22%; Table 15). The Olga Bay Section harvested 13.34% of the harvest (allocative guideline 16% to 22%; Table 15).

The Frazer Lake fishpass counted 201,679 sockeye salmon, which is above the current BEG (140,000 – 160,000). However, it is estimated only 30% were adult sockeye salmon with 70% being jack sockeye salmon. The total sockeye salmon escapement into the Upper Station system was 277,069 which exceeded combined early- and late-run SEGs (200,000 – 275,000).

# 2004 ALITAK BAY DISTRICT FISHERIES

## EARLY RUN

The 2004 forecast for the Frazer Lake system was 244,000 sockeye salmon (range 66,000 to 706,000), with an estimated harvestable surplus of approximately 104,000 sockeye salmon. The forecast for Upper Station early run was 163,000 sockeye salmon (range 101,000 to 238,000), with an estimated harvestable surplus of approximately 138,000 sockeye salmon (Brennan et al 2004). Upper Station early-run sockeye salmon are taken incidentally during fisheries primarily targeting Frazer system sockeye salmon or in directed fisheries in upper Olga Bay.

KMA managers tentatively scheduled a commercial salmon fishing period for June 5 in the Alitak Bay District if certain criteria were met prior to June 3. Generally, the Upper Station early-run sockeye salmon have an earlier run timing than the Dog Salmon system (Figure 16). The intent of the early opening was to allow commercial fishermen the opportunity to harvest Upper Station early-run sockeye salmon prior to the Frazer Lake system sockeye salmon peak run timing. Sockeye salmon escapement to the Upper Station system began earlier than normal with higher than average escapement counts by June 3. The early Upper Station OEG (25,000) was exceeded on June 2 and it was evident that the SEG would be achieved. Test fish numbers also indicated a strong push of sockeye salmon traveling into Olga Bay. Criteria being met, the department allowed a 33 hour test fishery on June 5. By June 6, the SEG for Upper Station was achieved and Frazer Lake sockeye salmon escapement (34,677) was well ahead of interim escapement objectives. KMA managers then allowed a series of extensions up to the maximum fishing time allowed (7.4 days) by the Alitak Bay District Management Plan (ABDMP) followed by the regulatory 2.6 day closure.

Escapements into the Upper Station System continued to be strong following the closure and another fishing period was announced for June 16. Concerns of overescapement led KMA managers to open the terminal harvest areas of Inner and Outer Upper Station on June 18 and it remained open until further notice. By June 21 the early Upper Station SEG (50,000 – 75,000) was surpassed (76,725) and the Frazer system escapement (103,924) was well ahead of interim escapement objectives (24,062 – 32,083), and the ABD opened until further notice as dictated in the ABD management plan (5 AAC 18.361)

The ABD, including the normally closed water of the Inner and Outer Upper Station Sections, remained open to commercial salmon fishing until July 2. At that time it became evident that though the escapement at the Dog Salmon weir had been significant, fish were not entering the Frazer Lake fishpass, through which fish must travel in order to enter the Frazer Lake system to spawn. The escapement count at the fishpass was only 30,868 sockeye salmon on June 29. The diversion weir to the fishpass has been rebuilt in the spring, and it had been reported that some fish may have bypassed the weir and could not enter the fishpass. Therefore, a closure was announced in order to allow additional escapement into the system and return to the pulse fishery schedule in the regulatory management plan. The Inner and Outer Upper Station Sections remained open to harvest early-run Upper Station sockeye salmon in excess of escapement needs.

Problems with a new diversion weir at the Frazer Lake fishpass were resolved, and escapement counts at the fishpass increased. The escapements of Frazer Lake sockeye salmon through the Dog Salmon weir (113,926) were within interim objectives (89,100 - 118,800) and well on the way to achieving the season total BEG (140,000 - 200,000). Survey reports from the Dog Salmon Flats Section indicated a substantial number of sockeye salmon, over 35,000, had moved on Dog Salmon Flats and were staged to enter the river. ADF&Gs Chip Cove test fishery catches indicated a large number of sockeye salmon passed Olga Narrows and were moving into the upper bay. The continued good escapement, a large buildup on Dog Salmon Flats, and more fish traveling to the upper bay warranted a 24-hour fishery in the normally closed Dog Salmon Flats Section.

The ABD salmon harvest through July 15 included 945 Chinook, 641,652 sockeye, 608 coho, 25,736 pink, and 18,206 chum salmon (Table 16 and 17). The sockeye salmon harvest, through July 15, for the seine only sections (Cape Alitak and Humpy-Deadman) was 275,258 (42.9%), and for the gillnet only sections (Alitak Bay, Moser Bay, and Olga Bay) was 366,394 (57.1%) sockeye salmon (Table 17).

Escapement through the Dog Salmon weir by July 15 was 156,942 sockeye salmon, which was within interim escapement objectives (120,000 – 160,000; Figure 13). The sockeye salmon escapement through the Upper Station weir was 78,487, surpassing the early-run SEG (50,000 - 75,000 through July 15; Figure 14).

### LATE RUN

The ABD Salmon Management Plan (5AAC 18.361) dictates that during even-numbered years (as in 2004) from July 16 through August 9 commercial salmon fishing must be managed in the Cape Alitak, Moser, and Olga Bay Sections based on the sockeye salmon run to the Upper Station system. The Humpy-Deadman Section shall be managed based on the strength of salmon runs to its systems through season's end. The forecasted late-run Upper Station sockeye salmon run was strong, estimated at 538,000 (range 421,000 to 1,426,000) with a harvestable surplus of

approximately 363,000. The 2004 forecasted pink salmon harvest for the ABD was approximately 1.9 to 2.3 million pink salmon (Brennan et al. 2004).

With the expected strength of the late-run Upper Station sockeye salmon and continuing strong late escapements into Frazer Lake, fishing time was allowed in the ABD beginning July 16. Even with the commercial fisheries, the Upper Station sockeye salmon escapement counts continued at a good rate, meeting and exceeding interim objectives near the end of August (Figure 15). The ADF&G crew at the Dog Salmon weir also reported large numbers of sockeye salmon having staged in the terminal Dog Salmon Flats Section at the outlet of the river, were past the 'traditional' fishing areas. Fishing time was warranted in the Dog Salmon Flats Section and a 24-hour fishery was allowed on July 17. The remainder of the ABD was allowed maximum fishing time until the end of the season.

Effort during late July and August was similar to June and early July, with 22 seine and 67 gillnet permits holders operating in the District, and the last delivery occurring on September 16 (Tables 16 and 17). Harvests from late ABD fisheries include approximately 371 Chinook, 514,887 sockeye, 15,289 coho, 1,394,452 pink, and 20,142 chum salmon (Table 17).

The late-run Upper Station escapement was 175,252 sockeye salmon, meeting the established SEG (150,000 to 200,000; Figure 15).

## SEASON TOTALS

Thirty two purse seine permit holders fished in the ABD fisheries, and harvested 1,263 Chinook (96% of the total ABD Chinook harvest), 448,128 sockeye (39%), 7,366 coho (46%), 1,075,327 pink (76%), and 23,104 chum salmon (60%; Tables 4 – 8, and 17). Seventy-one gillnet permit holders fished in the ABD, and harvested 53 Chinook (4%), 708,411 sockeye (61%), 8,531 coho (54%), 344,861 pink (24%), and 15,244 chum (40%) salmon (Tables 4 – 8, and 17). Further, gillnet harvest can be apportioned between the Alitak Bay (statistical area 257-41), Moser Bay (statistical area 257-43) and Olga Bay Sections (statistical area 257-40). Thirty-five gillnet permit holders fished in Alitak Bay Section, and harvested 22 Chinook, 286,847 sockeye, 2,156 coho, 99,112 pink, and 5,136 chum salmon (Table 16). Thirty-nine gillnet permit holders fished in Moser Bay, and harvested 16 Chinook, 275,517 sockeye, 4,607 coho, 159,238 pink, and 3,929 chum salmon (Table 16). Thirty-two gillnet permit holders fished in Olga Bay, and harvested 14 Chinook, 134,095 sockeye, 1,768 coho, 86,408 pink, and 4,363 chum salmon, (Table 16).

Terminal harvest fisheries accounted for approximately 1% of the total ABD sockeye salmon harvest in the ABD. Nineteen gill net permit holders harvested a total of 9,805 sockeye salmon in the Dog Salmon Flats Section (257-42) and 2,147 in the Inner and Outer Upper Station Section (257-30; Table 16).

The relative percentages of the sockeye salmon harvest in traditional fishing sections, Cape Alitak, Alitak Bay, Moser Bay, and Olga Bay did not fall within the BOF allocative guidelines in 2004. The Cape Alitak Section harvested 36.80% of the total sockeye salmon (allocative guideline 38% to 44%; Table 15). The Alitak Bay Section harvested 26.03% of the sockeye salmon (allocative guideline 18% to 24%; Table 15). The Moser Bay Section finished the season with 25.00% of the harvest (allocative guideline 16% to 22%); while the Olga Bay Section harvested 12.17% (allocative guideline 16% to 22%; Table 15).

The Frazer Lake escapement (counted through the Dog Salmon weir) equaled 226,266 sockeye salmon (Figure 13). However, the sockeye salmon escapement through the Frazer Lake fishpass equaled 120,664, which was below the current BEG (140,000 – 160,000). The total sockeye

salmon escapement into the Upper Station system was 255,595, which was within the combined early- and late-run SEGs (200,000 – 275,000).

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# TABLES AND FIGURES

**Table 1.-**Chronology of events affecting the management of commercial salmon fisheries in the Alitak Bay District, Kodiak Management Area, 1960 to 2004.

| Year | Management Action or Change |
|---|---|
| 1960 | The Alaska Department of Fish and Game assumes management control of salmon fisheries. Weekly fishing periods set preseason, with Emergency Order closures announced when needed. |
| 1962 | Fishpass constructed on barrier falls near Frazer Lake outlet. |
| 1970 | Continued poor returns of Alitak Bay sockeye salmon stocks leads to complete closure of the Alitak Bay District during June. |
| 1971 | Last year of sockeye salmon plants into the Frazer system. Adult returns are sufficient to insure population buildup. Optimum Frazer Lake escapement estimated to be near 120,000 sockeye salmon. Management minimum escapement goal set at 175,000. |
| 1975 | Frazer Lake optimum sockeye salmon escapement estimated at 365,000 - 400,000. Management minimum escapement goal still 175,000. Upper Station sockeye salmon escapement goal set at 180,000. |
| | Fishing periods set inseason by Emergency Order. Limited Entry comes to Kodiak salmon fisheries. |
| 1978 | Frazer escapement goal first published at 175,000 - 250,000. Upper Station sockeye salmon escapement goal listed at 100,000 - 180,000, with interim goals for July (30,000), August (130,000), and September (20,000). |
| | Minimum of two single day fisheries in June allowed (June 14 and 22). However, only gillnet areas opened (Moser/Olga Bay). |
| 1980 | Frazer Lake sockeye salmon escapement (405,525) meets optimum level developed in 1975 (365,000 - 400,000). |
| 1981 | Frazer Lake sockeye salmon escapement goal raised to 350,000 – 400,000. Frazer sockeye escapement was high (377,716). |
| 1982 | Moser/Olga Bay Section split into two statistical areas to separate gillnet catch from Moser Bay vs. Olga Bay. Frazer sockeye escapement again high (430,423). |
| 1983 | Equal fishing time mandated for gillnet area (Moser/Olga Bay) and seine areas (Cape Alitak and Humpy-Deadman) during June. Harvest strategy recognizes possible upper Olga Bay closed water gillnet only openings in the event of sockeye salmon escapements higher than established interim goals. |
| | Upper Station sockeye salmon escapement goal raised to 150,000 - 250,000, with interim goals for June and July (50,000), August (175,000), and September (25,000). |
| | Weir installed near saltwater on Dog Salmon Creek (which drains Frazer Lake), in order to assess salmon buildups on Dog Salmon Flats and provide more timely counts of Frazer sockeye salmon escapement. |
| 1984 | More aggressive harvest strategy by ADF&G. First June 9 “commercial test fishery” for the Alitak Bay District. |
| | Poor sockeye salmon return to Frazer Lake; the effects of previous overescapements suspected. |
| | First gillnet mop up fishery in upper Olga Bay for late-run Upper Station sockeye salmon. |

-Continued-

**Table 1.-** (Page 2 of 3)

| Year | Management Action or Change |
|---|---|
| 1985 | First gillnet "mop up" fishery on Dog Salmon Flats for Frazer Lake sockeye salmon. |
| | ADF&G salmon research staff begins development of formal sockeye salmon forecasts. Sockeye salmon runs broken down into early (pre-July 15) and late (post-July 15) runs. |
| 1986 | ADF&G early-run sockeye salmon test fishery begins in Alitak Bay. |
| | Second year of weak sockeye salmon return to Frazer system. Record late sockeye salmon run to Upper Station. Gillnet mop up fisheries in upper Olga Bay for early and late-run Upper Station sockeye salmon. |
| | Frazer Lake sockeye salmon escapement goal lowered to 200,000 - 275,000. Escapement goals for other Alitak Bay District salmon species first listed. |
| 1987 | Gillnet mop up fishery in upper Olga Bay for early and late-run Upper Station sockeye salmon. |
| 1988 | Alitak Bay District Salmon Management Plan placed in Regulations (5AAC 18.361) |
| | Frazer Lake sockeye salmon escapement goal lowered to 140,000 - 200,000. Upper Station sockeye salmon escapement goal raised to 200,000 - 275,000 with early run (pre-July 15) at 50,000 - 75,000, and late run (post-July 15) at 150,000 - 200,000. |
| 1990 | New record sockeye salmon harvest in the Alitak Bay District. Gillnet mop up fishery on Dog Salmon Flats for Frazer Lake sockeye salmon, and in upper Olga Bay for late-run Upper Station sockeye salmon. |
| 1991 | New record sockeye salmon harvest in the Alitak Bay District. Gillnet mop up fishery on Dog Salmon Flats for Frazer sockeye salmon. |
| 1992 | Gillnet mop up fishery at Inner Akalura Section for late-run Akalura sockeye salmon. |
| 1994 | Gillnet mop up fishery on Dog Salmon Flats for Frazer sockeye salmon, and in upper Olga Bay for late-run Upper Station sockeye salmon. |
| 1995 | Normally closed sections in Olga Bay (Dog Salmon Flats, Inner and Outer Upper Station, and Inner and Outer Akalura) given separate statistical numbers to allows discrimination of catches from those areas. |
| 1997 | Gillnet mop up fishery on Dog Salmon Flats for Frazer Lake sockeye salmon, and in upper Olga Bay for late-run Upper Station sockeye salmon. |
| 1999 | Alitak Bay District Salmon Management Plan revised to include a pulse fishery; for every 10 days of fishing there must be 2.6 days of closure. Early-run sockeye salmon into the Upper Station managed with an Optimal Escapement Goal of 25,000, and the Frazer system sockeye salmon managed for MSY. The initial 33-hour commercial test fishery may occur between June 5 and June 13. |

-Continued-

**Table 1.-**(Page 3 of 3)

| Year | Management Action or Change |
|---|---|
| 2001 | Earliest return of sockeye salmon to the Frazer system. Gillnet mop up fishery on Dog Salmon Flats for Frazer Lake sockeye salmon. |
| 2002 | In January 2002, the Alitak Bay District Salmon Management Plan was revised to include staggered opening times for the Cape Alitak, Alitak Bay, Moser Bay, and Olga Bay Sections. The Moser Bay Section was created. The BOF created allocative objectives as a guideline for determining the effectiveness of the revised Management Plan. Weak sockeye salmon returns, no commercial harvest in the ABD except Humpy-Deadman Section<br><br>In November of 2002, the Alitak Bay District Salmon Management Plan again revised, the current staggered opening times were changed so that all sections opened on the same day and the Cape Alitak Section would not open on a rotating basis. |
| 2003 | June 5 opening date, first staggered fishing periods, Upper Station mop up fishery |
| 2004 | June 5 opening date, staggered fishing periods suspended in July due to overescapement concerns to Upper Station. Gillnet mop up fishery on Dog Salmon Flats and the Inner and Outer Upper Station Sections for early-run sockeye salmon. |

**Table 2.-**Salmon escapement goals and representative index streams in the Alitak Bay District, of the Kodiak Management Area, 2004.

| Stream Number | Stream Name | Run Timing | Optimal Escapement Goal[b] | Current Escapement Goal Lower | Current Escapement Goal Upper |
|---|---|---|---|---|---|
| Alitak Sockeye Systems | | | | | |
| (257-304) | Upper Station[a] - Early-Run | Early June to Mid July | 25,000 | 50,000 | 75,000 |
| | Late-Run | Mid July to Mid September | | 150,000 | 200,000 |
| | | | | 200,000 | 275,000 |
| (257-403) | Frazer[a] | Early June to Mid July | | 140,000 | 200,000 |
| (257-302) | Akalura | Mid July to Mid September | | 40,000 | 60,000 |
| Other systems[c] | | Mid July to Mid August | | 6,000 | 15,000 |
| Total Alitak Sockeye Aggregate Escapement Objective | | | | 386,000 | 550,000 |
| Alitak Coho Salmon Systems | | | | | |
| (257-304) | Upper Station[a] | Mid August to October | | 3,500 | 5,500 |
| (257-403) | Dog Salmon[a] | Mid August to October | | 3,500 | 5,500 |
| (257-302) | Akalura | Mid August to October | | 1,500 | 3,500 |
| Total Alitak Coho Salmon Escapement Goal | | | | 8,500 | 14,500 |

| | | | Even-Year Component Objective Lower | Even-Year Component Objective Upper | Odd-Year Component Objective Lower | Odd-Year Component Objective Upper |
|---|---|---|---|---|---|---|
| Alitak Pink Salmon Systems | | | | | | |
| (257-701) | Humpy | Mid July to Late August | 70,000 | 210,000 | 90,000 | 270,000 |
| (257-403) | Dog Salmon[a] - Even-Year | Late July to Early September | 50,000 | 150,000 | | |
| | Odd-Year | Early July to Mid August | | | 60,000 | 180,000 |
| (257-502) | Deadman | Late July to Early September | 40,000 | 120,000 | 60,000 | 180,000 |
| (257-401) | Narrows | Late July to Late August | 2,000 | 6,000 | 2,000 | 6,000 |
| Alitak Pink Salmon Escapement Goal | | | 162,000 | 486,000 | 212,000 | 636,000 |

| | | | Current Component Objective Lower | Current Component Objective Upper |
|---|---|---|---|---|
| Alitak Chum Salmon Systems | | | | |
| (257-102) | Big Sukhoi | Early July to Mid August | 10,000 | 30,000 |
| (257-603) | Sulua | Late July to Late August | 5,000 | 15,000 |
| (257-502) | Deadman | Mid July to Late August | 3,000 | 9,000 |
| (257-401) | Narrows | August | 1,000 | 3,000 |
| (257-403) | Dog Salmon[a] | July to Early September | 2,000 | 6,000 |
| (257-601) | Portage | Late July to Late August | 5,000 | 15,000 |
| Total Alitak Chum Salmon Escapement Goal | | | 26,000 | 78,000 |

[a] Goals reflect escapement as measured by weirs; all others as measured by aerial survey.
[b] The optimal escapement goal of Upper Station was mandated by the BOF in 1999 in order to conserve the early-run component of the Upper Station sockeye salmon.
[c] Includes systems without published escapement goals that contribute escapement to the Alitak Bay District.

**Table 3.-**Historical salmon escapements and goals, by species, for the Alitak Bay District, of the Kodiak Management Area, 1970 to 2004.

| | Escapement Goals | | | | |
|---|---|---|---|---|---|
| | CHINOOK[a] | SOCKEYE[a] | COHO | PINK | CHUM |
| | | | | Even : Odd | |
| Lower | 110 | 386,000 | 8,500 | 162,000 : 212,000 | 26,000 |
| Upper | 330 | 550,000 | 14,500 | 486,000 : 636,000 | 78,000 |

| | Escapement of Salmon | | | | |
|---|---|---|---|---|---|
| Year | CHINOOK | SOCKEYE | COHO | PINK | CHUM |
| 1970 | 2 | 80,695 | 2,902 | 256,898 | 13,200 |
| 1971 | 24 | 163,793 | 4,031 | 333,800 | 6,602 |
| 1972 | 117 | 188,569 | 7,512 | 145,000 | 21,783 |
| 1973 | 35 | 150,157 | 6,308 | 128,566 | 10,821 |
| 1974 | 12 | 403,048 | 9,042 | 235,788 | 6,700 |
| 1975 | 6 | 163,124 | 13,513 | 235,744 | 27,220 |
| 1976 | 21 | 223,463 | 11,779 | 634,115 | 33,755 |
| 1977 | 205 | 218,355 | 9,762 | 411,508 | 46,520 |
| 1978 | 143 | 274,210 | 6,547 | 657,337 | 35,683 |
| 1979 | 53 | 332,325 | 11,605 | 569,185 | 9,815 |
| 1980 | 69 | 528,154 | 3,050 | 517,905 | 99,575 |
| 1981 | 22 | 579,494 | 8,733 | 625,206 | 68,110 |
| 1982 | 47 | 920,706 | 10,439 | 466,829 | 122,900 |
| 1983 | 169 | 467,305 | 14,754 | 440,358 | 117,917 |
| 1984 | 138 | 396,100 | 7,855 | 313,518 | 110,522 |
| 1985 | 341 | 933,852 | 10,798 | 798,638 | 53,168 |
| 1986 | 222 | 621,758 | 11,463 | 380,321 | 26,634 |
| 1987 | 104 | 295,667 | 18,563 | 512,694 | 123,248 |
| 1988 | 305 | 612,395 | 15,734 | 211,868 | 47,033 |
| 1989 [b] | 160 | 771,359 | 20,588 | 2,710,821 | 53,199 |
| 1990 | 275 | 563,388 | 26,066 | 89,013 | 16,441 |
| 1991 | 283 | 636,591 | 32,235 | 468,244 | 139,520 |
| 1992 | 265 | 491,445 | 21,838 | 183,124 | 49,372 |
| 1993 | 337 | 458,485 | 21,205 | 949,662 | 23,742 |
| 1994 | 391 | 518,814 | 18,257 | 545,907 | 69,096 |
| 1995 | 470 | 470,931 | 20,188 | 3,796,345 | 66,438 |
| 1996 | 685 | 524,085 | 21,946 | 490,459 | 44,387 |
| 1997 | 662 | 572,170 | 23,192 | 505,001 | 68,857 |
| 1998 | 294 | 490,220 | 52,941 | 1,353,251 | 67,029 |
| 1999 | 282 | 509,382 | 14,018 | 965,492 | 124,549 |
| 2000 | 359 | 423,311 | 18,426 | 394,698 | 73,076 |
| 2001 | 367 | 321,782 | 15,469 | 767,986 | 45,286 |
| 2002 | 387 | 303,619 | 25,298 | 1,961,562 | 44,745 |
| 2003 | 724 | 562,020 | 34,872 | 899,658 | 69,588 |
| 2004 | 577 | 489,061 | 9,397 | 1,008,986 | 34,406 |
| Averages: | | | | | |
| 1970-03 | 235 | 446,199 | 16,204 | 704,603 | 56,957 |
| 1994-03 | 462 | 469,633 | 24,461 | 1,168,036 | 67,305 |

[a] Includes systems without published escapement goals that contribute to the escapement.
[b] Commercial fisheries severely restricted due to the M/V Exxon Valdez oil spill.

**Table 4.-**Commercial Chinook salmon harvest by gear for the Alitak Bay District, of the Kodiak Management Area, 1970 to 2004.

| | SEINE[a] | | | GILLNET[a] | | | Total |
|---|---|---|---|---|---|---|---|
| Year | # Permits | Harvest | Percent | # Permits | Harvest | Percent | Harvest |
| 1970 | 79 | 4 | 50 | 49 | 4 | 50 | 8 |
| 1971 | 119 | 23 | 70 | 47 | 10 | 30 | 33 |
| 1972 | 69 | 9 | 60 | 46 | 6 | 40 | 15 |
| 1973 | 45 | 2 | 50 | 38 | 2 | 50 | 4 |
| 1974 | 73 | 16 | 84 | 45 | 3 | 16 | 19 |
| 1975 | 46 | 0 | 0 | 45 | 0 | 0 | 0 |
| 1976 | 121 | 13 | 72 | 56 | 5 | 28 | 18 |
| 1977 | 75 | 12 | 60 | 55 | 8 | 40 | 20 |
| 1978 | 172 | 294 | 42 | 61 | 400 | 58 | 694 |
| 1979 | 149 | 82 | 76 | 63 | 26 | 24 | 108 |
| 1980 | 96 | 27 | 82 | 64 | 6 | 18 | 33 |
| 1981 | 94 | 39 | 87 | 64 | 6 | 13 | 45 |
| 1982 | 109 | 30 | 70 | 66 | 13 | 30 | 43 |
| 1983 | 158 | 140 | 88 | 68 | 19 | 12 | 159 |
| 1984 | 75 | 258 | 89 | 70 | 32 | 11 | 290 |
| 1985 | 125 | 158 | 79 | 75 | 41 | 21 | 199 |
| 1986 | 146 | 111 | 83 | 79 | 23 | 17 | 134 |
| 1987 | 153 | 93 | 89 | 73 | 12 | 11 | 105 |
| 1988 | 123 | 558 | 89 | 81 | 66 | 11 | 624 |
| 1989 | 1 | 0 | 0 | 87 | 106 | 100 | 106 |
| 1990 | 158 | 667 | 83 | 91 | 140 | 17 | 807 |
| 1991 | 187 | 740 | 90 | 86 | 81 | 10 | 821 |
| 1992 | 141 | 964 | 91 | 79 | 92 | 9 | 1,056 |
| 1993 | 116 | 1,646 | 90 | 76 | 182 | 10 | 1,828 |
| 1994 | 111 | 1,794 | 92 | 74 | 152 | 8 | 1,946 |
| 1995 | 149 | 718 | 85 | 75 | 130 | 15 | 848 |
| 1996 | 138 | 467 | 82 | 80 | 102 | 18 | 569 |
| 1997 | 92 | 202 | 69 | 78 | 89 | 31 | 291 |
| 1998 | 71 | 1,394 | 94 | 77 | 93 | 6 | 1,487 |
| 1999 | 50 | 239 | 88 | 76 | 32 | 12 | 271 |
| 2000 | 58 | 390 | 90 | 77 | 43 | 10 | 433 |
| 2001 | 34 | 581 | 89 | 77 | 70 | 11 | 651 |
| 2002 | 13 | 13 | 100 | 0 | 0 | 0 | 13 |
| 2003 | 22 | 288 | 97 | 65 | 10 | 3 | 298 |
| 2004 | 32 | 1,263 | 96 | 71 | 53 | 4 | 1,316 |
| AVERAGES[b]: | | | | | | | |
| 1970-03 | 97 | 352 | 86 | 66 | 62 | 15 | 411 |
| 1978-87 | 128 | 123 | 68 | 68 | 58 | 32 | 181 |
| 1994-03 | 74 | 609 | 89 | 68 | 72 | 11 | 681 |

[a] Harvest in numbers of fish. Data from ADF&G Annual Management Reports and fish ticket summaries.
[b] 1989 not included in averages; commercial fisheries were severely restricted due to the M/V Exxon Valdez oil spill.

**Table 5.-**Commercial sockeye salmon harvest by gear for the Alitak Bay District, of the Kodiak Management Area, 1970 to 2004.

| | SEINE[a] | | | GILLNET[a] | | | Total |
|---|---|---|---|---|---|---|---|
| Year | # Permits | Harvest | Percent | # Permits | Harvest | Percent | Harvest |
| 1970 | 79 | 19,528 | 24 | 49 | 62,016 | 76 | 81,544 |
| 1971 | 119 | 55,514 | 45 | 47 | 68,966 | 55 | 124,480 |
| 1972 | 69 | 6,681 | 30 | 46 | 15,446 | 70 | 22,127 |
| 1973 | 45 | 3,889 | 38 | 38 | 6,449 | 62 | 10,338 |
| 1974 | 73 | 33,323 | 49 | 45 | 34,420 | 51 | 67,743 |
| 1975 | 46 | 4,746 | 29 | 45 | 11,752 | 71 | 16,498 |
| 1976 | 121 | 28,304 | 29 | 56 | 68,711 | 71 | 97,015 |
| 1977 | 75 | 24,474 | 31 | 55 | 54,338 | 69 | 78,812 |
| 1978 | 172 | 88,921 | 41 | 61 | 129,380 | 59 | 218,301 |
| 1979 | 149 | 158,400 | 50 | 63 | 158,860 | 50 | 317,260 |
| 1980 | 96 | 36,252 | 18 | 64 | 161,514 | 82 | 197,766 |
| 1981 | 94 | 91,525 | 26 | 64 | 254,548 | 74 | 346,073 |
| 1982 | 109 | 67,168 | 14 | 66 | 409,694 | 86 | 476,862 |
| 1983 | 158 | 190,776 | 41 | 68 | 269,311 | 59 | 460,087 |
| 1984 | 75 | 126,515 | 33 | 70 | 256,214 | 67 | 382,729 |
| 1985 | 125 | 262,924 | 37 | 75 | 440,311 | 63 | 703,235 |
| 1986 | 146 | 522,383 | 42 | 79 | 724,983 | 58 | 1,247,366 |
| 1987 | 153 | 193,206 | 37 | 73 | 322,204 | 63 | 515,410 |
| 1988 | 123 | 470,529 | 42 | 81 | 653,318 | 58 | 1,123,847 |
| 1989 | 1 | 107 | 0 | 87 | 1,284,067 | 100 | 1,284,174 |
| 1990 | 158 | 690,818 | 48 | 91 | 744,643 | 52 | 1,435,461 |
| 1991 | 187 | 864,944 | 42 | 86 | 1,197,774 | 58 | 2,062,718 |
| 1992 | 141 | 248,699 | 47 | 79 | 276,459 | 53 | 525,158 |
| 1993 | 116 | 474,096 | 47 | 76 | 524,655 | 53 | 998,751 |
| 1994 | 111 | 430,462 | 46 | 74 | 500,866 | 54 | 931,328 |
| 1995 | 149 | 890,194 | 53 | 75 | 782,998 | 47 | 1,673,192 |
| 1996 | 138 | 676,011 | 46 | 80 | 782,204 | 54 | 1,458,215 |
| 1997 | 92 | 282,047 | 41 | 78 | 403,588 | 59 | 685,635 |
| 1998 | 71 | 435,018 | 43 | 77 | 567,572 | 57 | 1,002,590 |
| 1999 | 50 | 193,096 | 31 | 76 | 438,260 | 69 | 631,356 |
| 2000 | 58 | 237,614 | 43 | 77 | 321,060 | 57 | 558,674 |
| 2001 | 34 | 166,550 | 36 | 77 | 295,235 | 64 | 461,785 |
| 2002 | 13 | 14,575 | 100 | 0 | 0 | 0 | 14,575 |
| 2003 | 22 | 111,455 | 33 | 65 | 229,947 | 67 | 341,402 |
| 2004 | 32 | 448,128 | 39 | 71 | 708,411 | 61 | 1,156,539 |
| AVERAGES[b]: | | | | | | | |
| 1970-03 | 99 | 238,257 | 39 | 66 | 366,228 | 61 | 604,486 |
| 1978-87 | 128 | 173,807 | 36 | 68 | 312,702 | 64 | 486,509 |
| 1994-03 | 96 | 343,702 | 44 | 77 | 432,173 | 56 | 775,875 |

[a] Harvest in numbers of fish. Data from ADF&G Annual Management Reports and fish ticket summaries.
[b] 1989 not included in averages; commercial fisheries were severely restricted due to the M/V Exxon Valdez oil spill.

**Table 6.-**Commercial coho salmon harvest by gear for the Alitak Bay District, of the Kodiak Management Area, 1970 to 2004.

| | SEINE[a] | | | GILLNET[a] | | | Total |
|---|---|---|---|---|---|---|---|
| Year | # Permits | Harvest | Percent | # Permits | Harvest | Percent | Harvest |
| 1970 | 79 | 1,227 | 27 | 49 | 3,313 | 73 | 4,540 |
| 1971 | 119 | 777 | 34 | 47 | 1,484 | 66 | 2,261 |
| 1972 | 69 | 647 | 50 | 46 | 642 | 50 | 1,289 |
| 1973 | 45 | 38 | 30 | 38 | 87 | 70 | 125 |
| 1974 | 73 | 661 | 51 | 45 | 623 | 49 | 1,284 |
| 1975 | 46 | 1,586 | 97 | 45 | 41 | 3 | 1,627 |
| 1976 | 121 | 1,676 | 47 | 56 | 1,859 | 53 | 3,535 |
| 1977 | 75 | 572 | 43 | 55 | 771 | 57 | 1,343 |
| 1978 | 172 | 1,327 | 48 | 61 | 1,461 | 52 | 2,788 |
| 1979 | 149 | 6,840 | 46 | 63 | 8,167 | 54 | 15,007 |
| 1980 | 96 | 8,665 | 66 | 64 | 4,455 | 34 | 13,120 |
| 1981 | 94 | 7,611 | 45 | 64 | 9,400 | 55 | 17,011 |
| 1982 | 109 | 17,504 | 60 | 66 | 11,874 | 40 | 29,378 |
| 1983 | 158 | 15,825 | 55 | 68 | 13,122 | 45 | 28,947 |
| 1984 | 75 | 12,409 | 49 | 70 | 12,890 | 51 | 25,299 |
| 1985 | 125 | 22,707 | 52 | 75 | 21,207 | 48 | 43,914 |
| 1986 | 146 | 17,041 | 56 | 79 | 13,507 | 44 | 30,548 |
| 1987 | 153 | 8,481 | 47 | 73 | 9,478 | 53 | 17,959 |
| 1988 | 123 | 18,670 | 62 | 81 | 11,331 | 38 | 30,001 |
| 1989 | 1 | 0 | 0 | 87 | 14,139 | 100 | 14,139 |
| 1990 | 158 | 6,300 | 35 | 91 | 11,876 | 65 | 18,176 |
| 1991 | 187 | 11,783 | 48 | 86 | 12,818 | 52 | 24,601 |
| 1992 | 141 | 11,107 | 45 | 79 | 13,441 | 55 | 24,548 |
| 1993 | 116 | 11,641 | 60 | 76 | 7,630 | 40 | 19,271 |
| 1994 | 111 | 18,186 | 56 | 74 | 14,126 | 44 | 32,312 |
| 1995 | 149 | 10,055 | 53 | 75 | 8,945 | 47 | 19,000 |
| 1996 | 138 | 18,967 | 53 | 80 | 16,562 | 47 | 35,529 |
| 1997 | 92 | 19,860 | 59 | 78 | 13,689 | 41 | 33,549 |
| 1998 | 71 | 17,004 | 53 | 77 | 15,181 | 47 | 32,185 |
| 1999 | 50 | 3,439 | 26 | 76 | 9,687 | 74 | 13,126 |
| 2000 | 58 | 4,919 | 49 | 77 | 5,212 | 51 | 10,131 |
| 2001 | 34 | 1,881 | 76 | 77 | 590 | 24 | 2,471 |
| 2002 | 13 | 1,060 | 100 | 0 | 0 | 0 | 1,060 |
| 2003 | 22 | 5,836 | 55 | 65 | 4,756 | 45 | 10,592 |
| 2004 | 32 | 7,366 | 46 | 71 | 8,531 | 54 | 15,897 |
| AVERAGES[b]: | | | | | | | |
| 1970-03 | 99 | 8,421 | 51 | 66 | 8,070 | 49 | 16,490 |
| 1978-87 | 128 | 11,841 | 53 | 68 | 10,556 | 47 | 22,397 |
| 1994-03 | 79 | 10,121 | 53 | 70 | 8,875 | 47 | 18,996 |

[a] Harvest in numbers of fish. Data from ADF&G Annual Management Reports and fish ticket summaries.
[b] 1989 not included in averages; commercial fisheries were severely restricted due to the M/V Exxon Valdez oil spill.

**Table 7.-**Commercial pink salmon harvest by gear for the Alitak Bay District, of the Kodiak Management Area, 1970 to 2004.

| | SEINE[a] | | | GILLNET[a] | | | Total |
|---|---|---|---|---|---|---|---|
| Year | # Permits | Harvest | Percent | # Permits | Harvest | Percent | Harvest |
| 1970 | 79 | 691,013 | 73 | 49 | 258,858 | 27 | 949,871 |
| 1971 | 119 | 955,531 | 90 | 47 | 110,649 | 10 | 1,066,180 |
| 1972 | 69 | 156,773 | 83 | 46 | 31,704 | 17 | 188,477 |
| 1973 | 45 | 32,486 | 65 | 38 | 17,446 | 35 | 49,932 |
| 1974 | 73 | 321,568 | 91 | 45 | 33,586 | 9 | 355,154 |
| 1975 | 46 | 210,456 | 89 | 45 | 25,255 | 11 | 235,711 |
| 1976 | 121 | 1,361,475 | 75 | 56 | 465,007 | 25 | 1,826,482 |
| 1977 | 75 | 738,853 | 77 | 55 | 222,820 | 23 | 961,673 |
| 1978 | 172 | 3,691,218 | 88 | 61 | 500,538 | 12 | 4,191,756 |
| 1979 | 149 | 1,550,402 | 93 | 63 | 114,008 | 7 | 1,664,410 |
| 1980 | 96 | 1,812,336 | 88 | 64 | 239,937 | 12 | 2,052,273 |
| 1981 | 94 | 1,807,562 | 87 | 64 | 266,067 | 13 | 2,073,629 |
| 1982 | 109 | 380,224 | 73 | 66 | 139,656 | 27 | 519,880 |
| 1983 | 158 | 1,338,208 | 94 | 68 | 90,318 | 6 | 1,428,526 |
| 1984 | 75 | 323,767 | 75 | 70 | 110,039 | 25 | 433,806 |
| 1985 | 125 | 907,028 | 86 | 75 | 150,912 | 14 | 1,057,940 |
| 1986 | 146 | 603,812 | 83 | 79 | 124,393 | 17 | 728,205 |
| 1987 | 153 | 831,927 | 91 | 73 | 84,948 | 9 | 916,875 |
| 1988 | 123 | 251,888 | 65 | 81 | 133,847 | 35 | 385,735 |
| 1989 | 1 | 0 | 0 | 87 | 182,217 | 100 | 182,217 |
| 1990 | 158 | 125,678 | 87 | 91 | 19,249 | 13 | 144,927 |
| 1991 | 187 | 2,261,769 | 95 | 86 | 111,747 | 5 | 2,373,516 |
| 1992 | 141 | 42,942 | 72 | 79 | 16,326 | 28 | 59,268 |
| 1993 | 116 | 3,259,000 | 94 | 76 | 206,473 | 6 | 3,465,473 |
| 1994 | 111 | 1,024,739 | 91 | 74 | 96,093 | 9 | 1,120,832 |
| 1995 | 149 | 6,638,137 | 94 | 75 | 427,787 | 6 | 7,065,924 |
| 1996 | 138 | 339,155 | 61 | 80 | 214,269 | 39 | 553,424 |
| 1997 | 92 | 816,687 | 85 | 78 | 138,566 | 15 | 955,253 |
| 1998 | 71 | 1,266,107 | 74 | 77 | 438,474 | 26 | 1,704,581 |
| 1999 | 50 | 1,187,407 | 88 | 76 | 166,451 | 12 | 1,353,858 |
| 2000 | 58 | 169,953 | 70 | 77 | 73,208 | 30 | 243,161 |
| 2001 | 34 | 1,342,867 | 93 | 77 | 97,063 | 7 | 1,439,930 |
| 2002 | 13 | 1,078,120 | 100 | 0 | 0 | 0 | 1,078,120 |
| 2003 | 22 | 407,335 | 82 | 65 | 90,487 | 18 | 497,822 |
| 2004 | 32 | 1,075,327 | 76 | 71 | 344,861 | 24 | 1,420,188 |
| AVERAGES[b]: | | | | | | | |
| 1970-03 | 99 | 1,115,483 | 88 | 66 | 158,776 | 12 | 1,274,259 |
| Odd Years | 106 | 1,517,853 | 91 | 66 | 145,062 | 9 | 1,662,916 |
| Even Years | 100 | 844,693 | 82 | 63 | 179,746 | 18 | 1,024,439 |
| 1978-87 | 128 | 1,324,648 | 88 | 68 | 182,082 | 12 | 1,506,730 |
| Odd Years | 136 | 1,287,025 | 90 | 69 | 141,251 | 10 | 1,428,276 |
| Even Years | 120 | 1,362,271 | 86 | 68 | 222,913 | 14 | 1,585,184 |
| 1994-03 | 79 | 1,427,051 | 89 | 80 | 174,240 | 11 | 1,601,291 |
| Odd Years | 88 | 2,078,487 | 92 | 76 | 184,071 | 8 | 2,262,557 |
| Even Years | 104 | 775,615 | 83 | 77 | 164,409 | 17 | 940,024 |

[a] Harvest in numbers of fish. Data from ADF&G Annual Management Reports and fish ticket summaries.
[b] 1989 not included in averages; commercial fisheries were severely restricted due to the M/V Exxon Valdez oil spill.

**Table 8.-**Commercial chum salmon harvest by gear for the Alitak Bay District, of the Kodiak Management Area, 1970 to 2004.

| Year | SEINE[a] # Permits | SEINE[a] Harvest | SEINE[a] Percent | GILLNET[a] # Permits | GILLNET[a] Harvest | GILLNET[a] Percent | Total Harvest |
|---|---|---|---|---|---|---|---|
| 1970 | 79 | 79,433 | 85 | 49 | 13,887 | 15 | 93,320 |
| 1971 | 119 | 178,454 | 93 | 47 | 12,983 | 7 | 191,437 |
| 1972 | 69 | 89,117 | 94 | 46 | 6,018 | 6 | 95,135 |
| 1973 | 45 | 19,880 | 81 | 38 | 4,528 | 19 | 24,408 |
| 1974 | 73 | 21,870 | 91 | 45 | 2,069 | 9 | 23,939 |
| 1975 | 46 | 1,731 | 61 | 45 | 1,122 | 39 | 2,853 |
| 1976 | 121 | 58,926 | 86 | 56 | 9,206 | 14 | 68,132 |
| 1977 | 75 | 62,652 | 88 | 55 | 8,317 | 12 | 70,969 |
| 1978 | 172 | 60,625 | 84 | 61 | 11,541 | 16 | 72,166 |
| 1979 | 149 | 15,245 | 68 | 63 | 7,217 | 32 | 22,462 |
| 1980 | 96 | 59,808 | 88 | 64 | 7,833 | 12 | 67,641 |
| 1981 | 94 | 38,722 | 63 | 64 | 22,791 | 37 | 61,513 |
| 1982 | 109 | 79,398 | 78 | 66 | 22,145 | 22 | 101,543 |
| 1983 | 158 | 85,491 | 79 | 68 | 22,295 | 21 | 107,786 |
| 1984 | 75 | 64,145 | 76 | 70 | 20,779 | 24 | 84,924 |
| 1985 | 125 | 57,077 | 67 | 75 | 27,683 | 33 | 84,760 |
| 1986 | 146 | 63,185 | 84 | 79 | 12,458 | 16 | 75,643 |
| 1987 | 153 | 37,865 | 63 | 73 | 21,858 | 37 | 59,723 |
| 1988 | 123 | 60,693 | 65 | 81 | 32,698 | 35 | 93,391 |
| 1989 | 1 | 0 | 0 | 87 | 19,908 | 100 | 19,908 |
| 1990 | 158 | 32,083 | 64 | 91 | 18,221 | 36 | 50,304 |
| 1991 | 187 | 63,483 | 76 | 86 | 19,520 | 24 | 83,003 |
| 1992 | 141 | 19,642 | 57 | 79 | 14,938 | 43 | 34,580 |
| 1993 | 116 | 39,415 | 73 | 76 | 14,221 | 27 | 53,636 |
| 1994 | 111 | 91,468 | 82 | 74 | 20,723 | 18 | 112,191 |
| 1995 | 149 | 87,163 | 83 | 75 | 18,037 | 17 | 105,200 |
| 1996 | 138 | 45,536 | 71 | 80 | 18,714 | 29 | 64,250 |
| 1997 | 92 | 56,437 | 66 | 78 | 29,273 | 34 | 85,710 |
| 1998 | 71 | 24,492 | 60 | 77 | 16,054 | 40 | 40,546 |
| 1999 | 50 | 66,040 | 84 | 76 | 12,910 | 16 | 78,950 |
| 2000 | 58 | 55,467 | 83 | 77 | 11,722 | 17 | 67,189 |
| 2001 | 34 | 41,371 | 79 | 77 | 11,150 | 21 | 52,521 |
| 2002 | 13 | 10,164 | 100 | 0 | 0 | 0 | 10,164 |
| 2003 | 22 | 24,733 | 78 | 65 | 7,133 | 22 | 31,866 |
| 2004 | 32 | 23,104 | 60 | 71 | 15,244 | 40 | 38,348 |
| AVERAGES[b]: | | | | | | | |
| 1970-03 | 99 | 52,700 | 78 | 66 | 14,704 | 22 | 67,405 |
| 1978-87 | 128 | 56,156 | 76 | 68 | 17,660 | 24 | 73,816 |
| 1994-03 | 74 | 50,287 | 78 | 68 | 14,572 | 22 | 67,036 |

[a] Harvest in numbers of fish. Data from ADF&G Annual Management Reports and fish ticket summaries.

[b] 1989 not included in averages; commercial fisheries were severely restricted due to the M/V Exxon Valdez oil spill.

**Table 9.-**Chronology of commercial fishery openings in the normally closed waters sections of Olga Bay, in the Alitak Bay District of the Kodiak Management Area, 1983 to 2004.

| Year[a] | Dates | Location | Targeted Salmon Stocks |
|---|---|---|---|
| 1983 | 9/6-10/31 | Inner and Outer Upper Station, and Outer Akalura | Late Upper Station Sockeye and Upper Olga Bay Coho |
| | 9/26-10/31 | Dog Salmon Flats | Dog Salmon and Horse Marine Coho |
| 1984 | 9/1-6 | Inner and Outer Upper Station, and Outer Akalura | Late Upper Station Sockeye and Upper Olga Bay Coho |
| | 9/5-6, 9/10-12, 9/17-19, 9/24-10/31 | Dog Salmon Flats | Dog Salmon and Horse Marine Coho |
| 1985 | 7/3-6 | Dog Salmon Flats | Frazer Sockeye |
| | 8/22-25 | Inner and Outer Upper Station | Late Upper Station Sockeye |
| | 9/12-10/31 | Outer Upper Station and Outer Akalura | Upper Olga Bay Coho |
| 1986 | 6/22–30 | Inner Upper Station | Early Upper Station Sockeye |
| | 6/22–7/10, 7/12-17 | Outer Upper Station | Early Upper Station Sockeye |
| | 8/17-27 | Inner and Outer Upper Station | Late Upper Station Sockeye |
| | 9/5-10/31 | Dog Salmon Flats | Dog Salmon and Horse Marine Coho |
| 1987 | 6/17-19, 6/24-7/7 | Outer Upper Station | Early Upper Station Sockeye |
| | 6/25-28 | Inner Upper Station | Early Upper Station Sockeye |
| 1988 | 6/26-28 | Outer Upper Station | Early Upper Station Sockeye |
| | 7/11-12 | Dog Salmon Flats | Frazer Sockeye |
| | 8/14-20 | Inner Upper Station | Late Upper Station Sockeye |
| | 8/11-20, 8/23-25, 8/30-9/16, 9/19-10/31 | Outer Upper Station | Late Upper Station Sockeye and Coho |
| | 9/6-16, 9/19-10/31 | Outer Akalura | Late Sockeye and Coho |
| 1990 | 6/27-7/11, 7/28+30 | Dog Salmon Flats | Frazer Sockeye |
| | 8/16-18 | Outer Upper Station | Late Upper Station Sockeye |
| 1991 | 6/30-7/17 | Dog Salmon Flats | Frazer Sockeye |
| | 9/11-10/31 | Outer Upper Station and Outer Akalura | Upper Bay Sockeye and Coho |
| 1992 | 8/20 | Inner Akalura | Akalura Sockeye |
| 1994 | 7/20 | Dog Salmon Flats | Frazer Sockeye |
| | 8/24-27 | Inner and Outer Upper Station | Late Upper Station Sockeye |
| 1997 | 6/21-22 | Dog Salmon Flats | Frazer Sockeye |
| | 8/29 | Inner and Outer Upper Station | Late Upper Station Sockeye |
| | 9/7-10/31 | Outer Upper Station | Late Upper Station Sockeye and Coho |
| 2001 | 6/17-6/21 | Dog Salmon Flats | Frazer Sockeye |
| 2003 | 7/11-7/15 | Inner and Outer Upper Station | Early Upper Station |
| | 8/23-10/31 | Outer Upper Station | Late Upper Station |
| | 8/24-10/31 | Inner Upper Station | Late Upper Station |
| 2004 | 6/18-7/13 | Inner and Outer Upper Station | Early Upper Station |
| | 7/7-7/8 | Dog Salmon Flats | Frazer Sockeye |
| | 7/17-7/18 | Dog Salmon Flats | Frazer Sockeye |

[a] Prior to 1988 there were no defined Sections in upper Olga Bay, but the equivalent areas are listed.

**Table 10.-**Primary management species and management chronology of the Alitak Bay District Salmon Management Plan for the Kodiak Management Area.

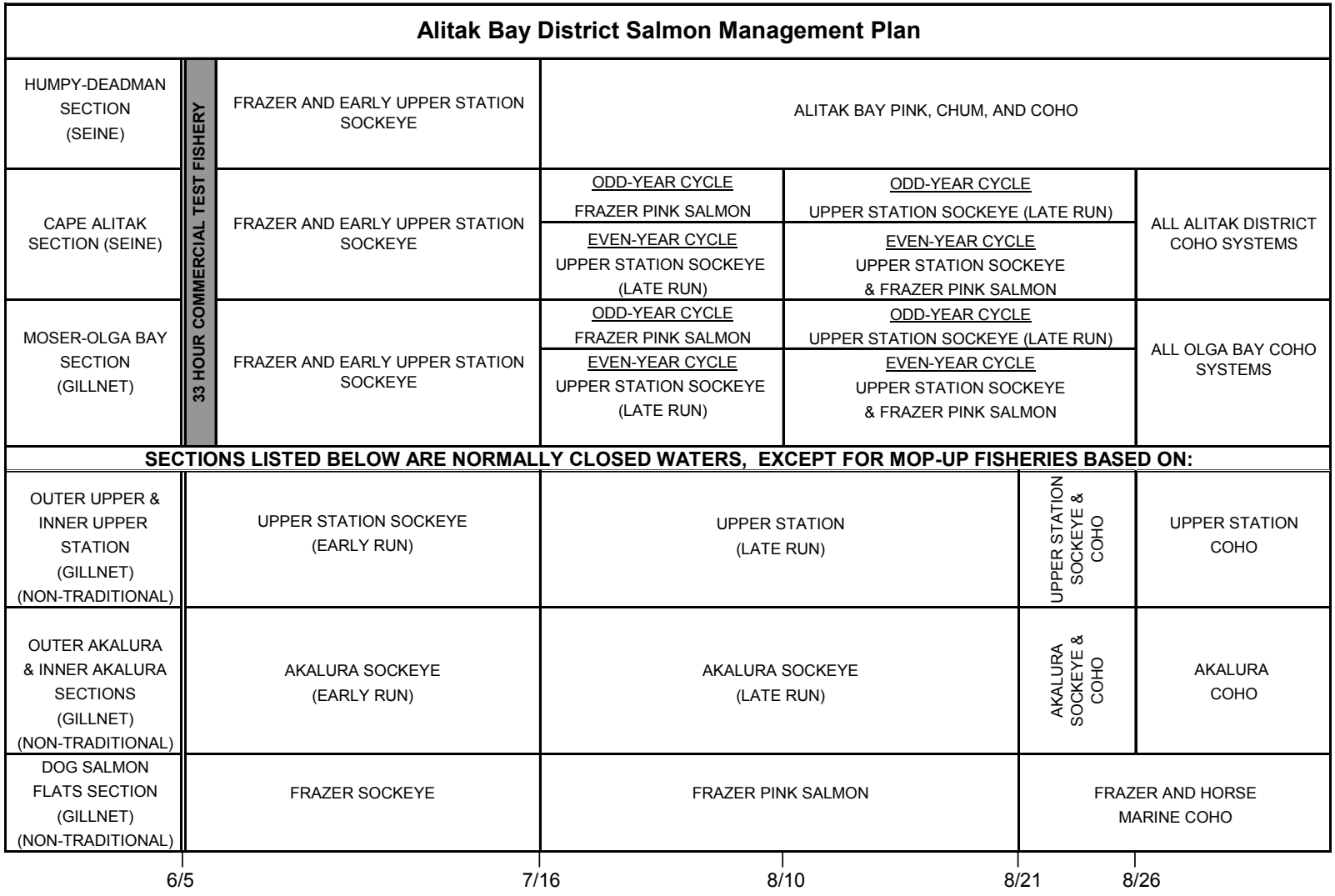

**Table 11.-**Changes in gear regulations affecting the commercial salmon fisheries in the Alitak Bay District of the Kodiak Management Area, 1983 to 2004.

| YEAR | GEAR REGULATIONS |
|---|---|
| Prior to 1983 | The aggregate length of set gillnets used by an individual may not exceed 150 fathoms. No more than two set gillnets may be operated by the individual holding the gear license. Set gillnet shall be operated in substantially a straight line. No more than 25 fathoms of each net may be used as a single hook. Seine webbing may be used as a lead on the shore end between high and low water marks. The inshore end of a set gillnet must be attached to the shore above the mean low water mark. |
| | No part of a set gillnet may be placed or operated within 900 feet of any part of another set gillnet. |
| 1983 | 25 fathom of setnet may be used as a single hook, in any configuration. |
| 1985 | Joint venture set gillnet sites. |
| | Shoreward end of a set gillnet must be attached to the beach above the lowest tide of the day. Set gillnet attachment points must be 900 feet apart and cannot be attached inside closed waters. |
| | Seine webbing used as a lead may extend on the shoreward end of a set gillnet and may not extend more than 50 fathoms seaward of beach at low tide of day except for Moser/Olga Bay Section where seine webbing used from high tide mark seaward and no portion of the seine web may be in water deeper than five feet during the lowest tide of the day. |
| | Seines may not be used as a stationary trap. |
| 1988 | For Moser Bay set gillnets outside Bun Point, minimum lead length of 20 fathoms or seine webbing from high tide seaward no deeper than five feet at lowest tide of the day. |
| | No minimum distance between set gillnet gear in Olga Bay closed water openings. No running lines or buoys in water prior to openings in normally closed waters, |
| | Shoreward end of set gillnet attached to point of land or rock within five feet of the lowest tide of the day (also defined rock - naturally located). |
| 1990 | In the Alitak District distance from attachment point to set gillnet limited to legal lead distance for that gear location. |
| | Purse seine maximum depth limit of 325 meshes with mesh not over 7". |
| | Set gillnets maximum depth limit of 125 meshes. |
| 1995 | Shoreward attachment point for Alitak set gillnet no more than 2.1' below water surface at mean low water (Alitak Bay tide). If attachment point under water at any time it must be marked by permanent survey monument and certified as no more than 2.1' below water surface by registered surveyor. Set gillnet may be attached no more than 2' from monument and never deeper. |

**Table 12.-**Commercial salmon harvest, by species and section, in the Alitak Bay District 2003.

| Section | | | | CHINOOK | | SOCKEYE | | COHO | | PINK | | CHUM | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (Stat Area | Date | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| CAPE ALITAK SECTION (257-10,20) | | | | | | | | | | | | | |
| | 5-Jun | * | * | * | * | * | * | * | * | * | * | * | * |
| | 6-Jun | 7 | 7 | 67 | 1,292 | 3,337 | 19,207 | 0 | 0 | 0 | 0 | 9 | 73 |
| | 9-Jun | * | * | * | * | * | * | * | * | * | * | * | * |
| | 14-Jul | * | * | * | * | * | * | * | * | * | * | * | * |
| | 15-Jul | * | * | * | * | * | * | * | * | * | * | * | * |
| | 16-Jul | * | * | * | * | * | * | * | * | * | * | * | * |
| | 17-Jul | * | * | * | * | * | * | * | * | * | * | * | * |
| | 22-Jul | * | * | * | * | * | * | * | * | * | * | * | * |
| | 23-Jul | * | * | * | * | * | * | * | * | * | * | * | * |
| | 24-Jul | 4 | 4 | 4 | 94 | 2,695 | 13,481 | 2 | 12 | 11,881 | 47,530 | 848 | 5,948 |
| | 25-Jul | 8 | 8 | 10 | 209 | 4,172 | 23,915 | 24 | 214 | 34,051 | 102,179 | 670 | 5,693 |
| | 26-Jul | 8 | 8 | 12 | 332 | 3,998 | 22,841 | 11 | 85 | 21,396 | 64,248 | 360 | 2,902 |
| | 27-Jul | 9 | 9 | 6 | 159 | 2,638 | 15,229 | 125 | 911 | 20,069 | 62,923 | 354 | 2,822 |
| | 28-Jul | 10 | 10 | 5 | 105 | 5,653 | 31,540 | 31 | 245 | 28,264 | 84,718 | 563 | 4,514 |
| | 29-Jul | 6 | 6 | 0 | 0 | 2,250 | 11,248 | 18 | 126 | 8,632 | 25,298 | 196 | 1,615 |
| | 4-Aug | * | * | * | * | * | * | * | * | * | * | * | * |
| | 5-Aug | 8 | 8 | 12 | 292 | 4,052 | 23,080 | 175 | 1,284 | 17,480 | 55,148 | 454 | 3,635 |
| | 6-Aug | 6 | 7 | 6 | 152 | 3,969 | 23,503 | 76 | 579 | 13,120 | 39,830 | 486 | 3,685 |
| | 7-Aug | 6 | 6 | 13 | 338 | 5,198 | 31,205 | 76 | 699 | 17,354 | 52,070 | 391 | 3,087 |
| | 8-Aug | 10 | 11 | 20 | 501 | 7,848 | 47,074 | 109 | 1,030 | 29,078 | 87,453 | 539 | 4,339 |
| | 9-Aug | 10 | 11 | 25 | 581 | 2,631 | 15,810 | 107 | 936 | 9,535 | 33,447 | 317 | 2,580 |
| | 13-Aug | * | * | * | * | * | * | * | * | * | * | * | * |
| | 14-Aug | 7 | 7 | 6 | 193 | 5,141 | 28,341 | 467 | 3,292 | 9,764 | 34,214 | 222 | 1,804 |
| | 15-Aug | 8 | 8 | 1 | 18 | 3,259 | 19,566 | 94 | 1,047 | 6,500 | 19,506 | 306 | 2,349 |
| | 17-Aug | 7 | 7 | 2 | 80 | 1,835 | 11,576 | 322 | 1,814 | 8,568 | 35,276 | 181 | 1,317 |
| | 18-Aug | * | * | * | * | * | * | * | * | * | * | * | * |
| | 24-Aug | * | * | * | * | * | * | * | * | * | * | * | * |
| | 27-Aug | * | * | * | * | * | * | * | * | * | * | * | * |
| | 28-Aug | * | * | * | * | * | * | * | * | * | * | * | * |
| | 30-Aug | * | * | * | * | * | * | * | * | * | * | * | * |

-Continued-

*=Confidential information

**Table 12.-**(page 2 of 9)

| Section (Stat Area) | Date | Permits | Landings | CHINOOK Number | CHINOOK Pounds | SOCKEYE Number | SOCKEYE Pounds | COHO Number | COHO Pounds | PINK Number | PINK Pounds | CHUM Number | CHUM Pounds |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CAPE ALITAK SECTION (Cont.) | | | | | | | | | | | | | |
| | 4-Sep | * | * | * | * | * | * | * | * | * | * | * | * |
| | Total | 21 | 145 | 259 | 5,599 | 75,666 | 435,949 | 4,461 | 37,708 | 275,522 | 883,587 | 10,945 | 85,930 |
| | Avg. Wt. | | | | 21.62 | | 5.76 | | 8.45 | | 3.21 | | 7.85 |
| OUTER UPPER STATION SECTION (257-30) | | | | | | | | | | | | | |
| | 11-Jul | 11 | 12 | 0 | 0 | 293 | 1,559 | 0 | 0 | 1 | 3 | 0 | 0 |
| | 12-Jul | 11 | 12 | 0 | 0 | 535 | 2,793 | 0 | 0 | 38 | 155 | 18 | 106 |
| | 13-Jul | 6 | 6 | 0 | 0 | 344 | 1,831 | 1 | 9 | 12 | 42 | 9 | 76 |
| | Total | 12 | 30 | 0 | 0 | 1,172 | 6,183 | 1 | 9 | 51 | 200 | 27 | 182 |
| | Avg. Wt. | | | | 0.00 | | 5.28 | | 9.00 | | 3.92 | | 6.74 |
| OLGA BAY SECTION (257-40) | | | | | | | | | | | | | |
| | 5-Jun | 11 | 11 | 0 | 0 | 2,932 | 14,173 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 6-Jun | 12 | 13 | 0 | 0 | 2,532 | 12,268 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9-Jun | 11 | 13 | 0 | 0 | 3,708 | 17,643 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 10-Jun | 10 | 10 | 0 | 0 | 809 | 3,827 | 0 | 0 | 0 | 0 | 2 | 11 |
| | 14-Jul | 8 | 9 | 0 | 0 | 1,472 | 7,724 | 6 | 41 | 1,006 | 4,095 | 274 | 2,041 |
| | 15-Jul | 7 | 7 | 0 | 0 | 686 | 3,677 | 3 | 25 | 799 | 3,057 | 225 | 1,698 |
| | 16-Jul | 5 | 5 | 0 | 0 | 450 | 1,798 | 2 | 10 | 535 | 2,055 | 142 | 1,081 |
| | 17-Jul | 6 | 7 | 0 | 0 | 131 | 607 | 0 | 0 | 602 | 2,375 | 302 | 2,250 |
| | 18-Jul | * | * | * | * | * | * | * | * | * | * | * | * |
| | 22-Jul | 6 | 8 | 0 | 0 | 1,284 | 7,466 | 0 | 0 | 2,118 | 8,230 | 393 | 3,002 |
| | 23-Jul | 5 | 5 | 0 | 0 | 369 | 1,846 | 0 | 0 | 1,212 | 4,913 | 192 | 1,476 |
| | 24-Jul | 7 | 7 | 0 | 0 | 259 | 1,323 | 1 | 5 | 840 | 3,440 | 90 | 791 |
| | 25-Jul | 5 | 7 | 0 | 0 | 164 | 857 | 3 | 22 | 280 | 1,076 | 54 | 427 |
| | 26-Jul | 4 | 5 | 0 | 0 | 96 | 462 | 0 | 0 | 122 | 446 | 20 | 147 |
| | 27-Jul | * | * | * | * | * | * | * | * | * | * | * | * |
| | 28-Jul | * | * | * | * | * | * | * | * | * | * | * | * |
| | 29-Jul | * | * | * | * | * | * | * | * | * | * | * | * |
| | 4-Aug | 4 | 5 | 1 | 14 | 1,749 | 10,177 | 5 | 36 | 616 | 2,370 | 72 | 595 |

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**Table 12.-**(page 3 of 9)

| Section (Stat Area) | Date | Permits | Landings | CHINOOK | | SOCKEYE | | COHO | | PINK | | CHUM | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| OLGA BAY SECTION (Cont.) | | | | | | | | | | | | | |
| | 5-Aug | * | * | * | * | * | * | * | * | * | * | * | * |
| | 6-Aug | 5 | 5 | 0 | 0 | 443 | 2,445 | 6 | 35 | 634 | 2,814 | 34 | 330 |
| | 7-Aug | * | * | * | * | * | * | * | * | * | * | * | * |
| | 8-Aug | 4 | 5 | 0 | 0 | 338 | 1,986 | 2 | 18 | 307 | 1,130 | 32 | 225 |
| | 9-Aug | 4 | 4 | 0 | 0 | 367 | 2,063 | 4 | 34 | 194 | 835 | 18 | 142 |
| | 13-Aug | 7 | 8 | 0 | 0 | 2,646 | 14,987 | 50 | 463 | 1,018 | 4,350 | 73 | 598 |
| | 14-Aug | 5 | 7 | 0 | 0 | 4,553 | 25,441 | 61 | 574 | 1,069 | 4,579 | 129 | 977 |
| | 15-Aug | 4 | 4 | 0 | 0 | 2,172 | 11,985 | 49 | 445 | 1,157 | 5,336 | 152 | 1,317 |
| | 16-Aug | 5 | 6 | 0 | 0 | 2,593 | 14,751 | 17 | 162 | 963 | 4,079 | 61 | 498 |
| | 17-Aug | * | * | * | * | * | * | * | * | * | * | * | * |
| | 18-Aug | 4 | 5 | 0 | 0 | 1,513 | 8,487 | 55 | 525 | 501 | 2,028 | 56 | 391 |
| | 19-Aug | * | * | * | * | * | * | * | * | * | * | * | * |
| | 20-Aug | * | * | * | * | * | * | * | * | * | * | * | * |
| | 23-Aug | 4 | 4 | 0 | 0 | 1,055 | 6,051 | 22 | 243 | 34 | 145 | 20 | 151 |
| | 24-Aug | * | * | * | * | * | * | * | * | * | * | * | * |
| | 25-Aug | * | * | * | * | * | * | * | * | * | * | * | * |
| | 26-Aug | * | * | * | * | * | * | * | * | * | * | * | * |
| | 27-Aug | * | * | * | * | * | * | * | * | * | * | * | * |
| | 28-Aug | * | * | * | * | * | * | * | * | * | * | * | * |
| | 29-Aug | * | * | * | * | * | * | * | * | * | * | * | * |
| | 30-Aug | * | * | * | * | * | * | * | * | * | * | * | * |
| | 2-Sep | 4 | 4 | 0 | 0 | 448 | 2,490 | 1 | 12 | 2 | 9 | 2 | 17 |
| | 3-Sep | 4 | 5 | 0 | 0 | 714 | 4,042 | 25 | 245 | 2 | 9 | 8 | 63 |
| | 4-Sep | * | * | * | * | * | * | * | * | * | * | * | * |
| | 5-Sep | * | * | * | * | * | * | * | * | * | * | * | * |
| | Total | 30 | 218 | 2 | 51 | 40,619 | 218,996 | 686 | 6,843 | 17,036 | 69,582 | 2,771 | 21,394 |
| | Avg. Wt. | | | | 25.50 | | 5.39 | | 9.98 | | 4.08 | | 7.72 |
| ALITAK BAY SECTION ( 257-41) | | | | | | | | | | | | | |
| | 5-Jun | 7 | 7 | 0 | 0 | 1,304 | 6,348 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 6-Jun | 13 | 16 | 4 | 89 | 2,019 | 10,134 | 0 | 0 | 0 | 0 | 1 | 7 |

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**Table 12.-**(page 4 of 9)

| Section (Stat Area | Date | Permits | Landings | CHINOOK Number | CHINOOK Pounds | SOCKEYE Number | SOCKEYE Pounds | COHO Number | COHO Pounds | PINK Number | PINK Pounds | CHUM Number | CHUM Pounds |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ALITAK BAY SECTION ( Cont.) | | | | | | | | | | | | | |
| | 9-Jun | * | * | * | * | * | * | * | * | * | * | * | * |
| | 10-Jun | 6 | 10 | 1 | 19 | 948 | 5,022 | 0 | 0 | 0 | 0 | 1 | 8 |
| | 14-Jul | 6 | 6 | 0 | 0 | 1,157 | 6,833 | 0 | 0 | 397 | 1,507 | 70 | 563 |
| | 15-Jul | 10 | 16 | 0 | 0 | 4,507 | 26,740 | 3 | 23 | 1,380 | 5,174 | 101 | 813 |
| | 16-Jul | 9 | 11 | 0 | 0 | 1,265 | 7,012 | 11 | 62 | 686 | 2,473 | 50 | 357 |
| | 17-Jul | 8 | 8 | 0 | 0 | 1,914 | 10,241 | 6 | 37 | 1,140 | 4,469 | 74 | 554 |
| | 18-Jul | 8 | 12 | 0 | 0 | 1,561 | 8,659 | 4 | 32 | 992 | 3,657 | 57 | 451 |
| | 22-Jul | 5 | 5 | 0 | 0 | 502 | 1,883 | 0 | 0 | 327 | 1,134 | 7 | 60 |
| | 23-Jul | 8 | 13 | 0 | 0 | 1,536 | 8,627 | 10 | 76 | 1,744 | 6,453 | 104 | 800 |
| | 24-Jul | 10 | 11 | 0 | 0 | 928 | 4,940 | 4 | 22 | 735 | 3,027 | 46 | 344 |
| | 25-Jul | 8 | 11 | 0 | 0 | 2,274 | 11,962 | 10 | 86 | 2,429 | 9,603 | 94 | 678 |
| | 26-Jul | 9 | 10 | 0 | 0 | 1,151 | 6,792 | 2 | 16 | 752 | 2,867 | 44 | 358 |
| | 27-Jul | 9 | 16 | 0 | 0 | 2,358 | 13,148 | 3 | 18 | 1,779 | 6,757 | 83 | 526 |
| | 28-Jul | 8 | 11 | 0 | 0 | 1,341 | 7,551 | 5 | 36 | 982 | 3,505 | 49 | 322 |
| | 29-Jul | 6 | 6 | 0 | 0 | 708 | 4,025 | 7 | 58 | 494 | 1,799 | 23 | 165 |
| | 5-Aug | 8 | 11 | 0 | 0 | 1,532 | 8,671 | 15 | 101 | 1,381 | 4,905 | 68 | 559 |
| | 6-Aug | 7 | 9 | 0 | 0 | 1,351 | 7,458 | 10 | 69 | 1,067 | 3,933 | 73 | 531 |
| | 7-Aug | 7 | 12 | 0 | 0 | 2,908 | 16,763 | 33 | 247 | 2,446 | 9,768 | 109 | 793 |
| | 8-Aug | 8 | 11 | 0 | 0 | 2,394 | 13,851 | 33 | 282 | 1,798 | 6,596 | 80 | 634 |
| | 9-Aug | 7 | 13 | 0 | 0 | 2,521 | 14,699 | 31 | 268 | 1,468 | 5,390 | 379 | 1,524 |
| | 13-Aug | * | * | * | * | * | * | * | * | * | * | * | * |
| | 14-Aug | 6 | 11 | 0 | 0 | 3,512 | 20,818 | 33 | 329 | 1,966 | 7,956 | 87 | 698 |
| | 15-Aug | 8 | 9 | 0 | 0 | 2,726 | 16,025 | 12 | 120 | 1,526 | 5,224 | 27 | 197 |
| | 16-Aug | 7 | 10 | 0 | 0 | 4,974 | 29,006 | 22 | 231 | 1,766 | 6,536 | 56 | 417 |
| | 17-Aug | 6 | 7 | 0 | 0 | 3,640 | 21,767 | 48 | 342 | 884 | 3,601 | 81 | 552 |
| | 18-Aug | 8 | 15 | 0 | 0 | 5,457 | 31,522 | 88 | 707 | 742 | 2,994 | 101 | 717 |
| | 19-Aug | 6 | 6 | 0 | 0 | 2,710 | 16,885 | 71 | 546 | 304 | 1,169 | 32 | 193 |
| | 20-Aug | 5 | 6 | 0 | 0 | 2,839 | 15,979 | 87 | 880 | 297 | 1,112 | 42 | 277 |
| | 23-Aug | * | * | * | * | * | * | * | * | * | * | * | * |
| | 24-Aug | 8 | 11 | 0 | 0 | 3,846 | 19,909 | 60 | 543 | 140 | 575 | 39 | 259 |
| | 25-Aug | 7 | 7 | 0 | 0 | 2,007 | 11,981 | 33 | 281 | 33 | 142 | 46 | 306 |
| | 26-Aug | 5 | 9 | 0 | 0 | 2,873 | 16,442 | 316 | 3,117 | 32 | 136 | 79 | 620 |

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**Table 12.-**(page 5 of 9)

| Section (Stat Area) | Date | Permits | Landings | CHINOOK Number | CHINOOK Pounds | SOCKEYE Number | SOCKEYE Pounds | COHO Number | COHO Pounds | PINK Number | PINK Pounds | CHUM Number | CHUM Pounds |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ALITAK BAY SECTION ( Cont.) | | | | | | | | | | | | | |
| | 27-Aug | 8 | 8 | 0 | 0 | 1,702 | 9,758 | 148 | 1,502 | 46 | 191 | 93 | 536 |
| | 28-Aug | 8 | 12 | 0 | 0 | 2,093 | 11,840 | 168 | 1,846 | 85 | 355 | 65 | 481 |
| | 29-Aug | 6 | 8 | 0 | 0 | 1,665 | 9,475 | 113 | 1,116 | 38 | 160 | 29 | 236 |
| | 30-Aug | 7 | 8 | 0 | 0 | 1,307 | 7,376 | 217 | 1,824 | 32 | 132 | 32 | 225 |
| | 2-Sep | * | * | * | * | * | * | * | * | * | * | * | * |
| | 3-Sep | 7 | 10 | 0 | 0 | 1,386 | 8,061 | 89 | 1,023 | 3 | 12 | 41 | 294 |
| | 4-Sep | 5 | 6 | 0 | 0 | 682 | 3,831 | 66 | 661 | 0 | 0 | 12 | 94 |
| | 5-Sep | 5 | 6 | 0 | 0 | 1,080 | 5,983 | 43 | 408 | 0 | 0 | 24 | 194 |
| | Total | 25 | 382 | 6 | 136 | 82,415 | 468,422 | 1,854 | 17,426 | 30,251 | 114,752 | 2,417 | 16,472 |
| | Avg. Wt. | | | | 22.67 | | 5.68 | | 9.40 | | 3.79 | | 6.82 |
| MOSER BAY SECTION (257-43) | | | | | | | | | | | | | |
| | 5-Jun | 8 | 8 | 0 | 0 | 832 | 4,088 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 6-Jun | 12 | 16 | 1 | 20 | 1,498 | 7,579 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9-Jun | 8 | 8 | 0 | 0 | 1,097 | 5,511 | 0 | 0 | 3 | 11 | 0 | 0 |
| | 10-Jun | 14 | 20 | 1 | 25 | 1,314 | 6,446 | 0 | 0 | 1 | 3 | 0 | 0 |
| | 14-Jul | 7 | 7 | 0 | 0 | 1,557 | 8,368 | 5 | 44 | 709 | 2,993 | 90 | 634 |
| | 15-Jul | 8 | 14 | 0 | 0 | 2,559 | 13,869 | 2 | 17 | 1,349 | 5,516 | 87 | 594 |
| | 16-Jul | 10 | 10 | 0 | 0 | 1,784 | 9,509 | 0 | 0 | 1,377 | 5,576 | 74 | 521 |
| | 17-Jul | 11 | 11 | 0 | 0 | 1,827 | 9,572 | 0 | 0 | 1,458 | 5,626 | 98 | 764 |
| | 18-Jul | 11 | 13 | 0 | 0 | 2,392 | 11,717 | 9 | 48 | 2,404 | 9,478 | 100 | 732 |
| | 22-Jul | 8 | 9 | 0 | 0 | 1,040 | 5,741 | 1 | 8 | 1,102 | 4,030 | 32 | 246 |
| | 23-Jul | 10 | 14 | 0 | 0 | 1,373 | 7,361 | 2 | 13 | 2,221 | 8,575 | 62 | 510 |
| | 24-Jul | 8 | 8 | 0 | 0 | 507 | 2,600 | 0 | 0 | 887 | 3,581 | 42 | 281 |
| | 25-Jul | 10 | 11 | 0 | 0 | 1,139 | 6,164 | 3 | 21 | 1,239 | 5,080 | 39 | 314 |
| | 26-Jul | 10 | 10 | 0 | 0 | 1,514 | 8,452 | 3 | 21 | 1,430 | 6,100 | 46 | 366 |
| | 27-Jul | 10 | 11 | 0 | 0 | 1,657 | 9,126 | 0 | 0 | 1,329 | 5,544 | 67 | 414 |
| | 28-Jul | 9 | 9 | 0 | 0 | 1,562 | 8,372 | 2 | 18 | 1,193 | 4,795 | 37 | 275 |
| | 29-Jul | 7 | 8 | 0 | 0 | 1,329 | 6,762 | 2 | 20 | 962 | 3,948 | 50 | 364 |
| | 4-Aug | 9 | 9 | 0 | 0 | 1,351 | 7,645 | 1 | 7 | 1,122 | 4,896 | 65 | 461 |
| | 5-Aug | 10 | 12 | 0 | 0 | 2,486 | 14,272 | 8 | 58 | 2,152 | 8,223 | 72 | 566 |

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**Table 12.-**(page 6 of 9)

| Section (Stat Area) | Date | Permits | Landings | CHINOOK | | SOCKEYE | | COHO | | PINK | | CHUM | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| MOSER BAY SECTION (Cont.) | | | | | | | | | | | | | |
| | 6-Aug | 11 | 12 | 0 | 0 | 2,339 | 12,441 | 8 | 57 | 1,969 | 8,072 | 55 | 373 |
| | 7-Aug | 11 | 15 | 0 | 0 | 4,915 | 26,373 | 22 | 164 | 3,656 | 14,691 | 93 | 661 |
| | 8-Aug | 12 | 14 | 0 | 0 | 4,316 | 24,338 | 32 | 321 | 2,389 | 8,787 | 64 | 491 |
| | 9-Aug | 13 | 18 | 0 | 0 | 4,074 | 23,093 | 42 | 413 | 2,640 | 9,909 | 49 | 402 |
| | 13-Aug | 8 | 10 | 0 | 0 | 2,859 | 15,635 | 34 | 331 | 1,749 | 6,949 | 65 | 423 |
| | 14-Aug | 12 | 13 | 0 | 0 | 4,565 | 25,493 | 66 | 642 | 2,502 | 10,240 | 40 | 302 |
| | 15-Aug | 11 | 12 | 0 | 0 | 4,855 | 27,785 | 51 | 489 | 2,355 | 9,007 | 61 | 452 |
| | 16-Aug | 11 | 16 | 0 | 0 | 7,470 | 42,727 | 75 | 733 | 1,830 | 7,075 | 52 | 397 |
| | 17-Aug | 11 | 13 | 0 | 0 | 5,760 | 32,994 | 69 | 679 | 874 | 3,594 | 64 | 478 |
| | 18-Aug | 9 | 13 | 0 | 0 | 5,447 | 31,314 | 89 | 882 | 504 | 2,067 | 55 | 409 |
| | 19-Aug | 9 | 13 | 0 | 0 | 4,189 | 23,664 | 71 | 662 | 109 | 480 | 21 | 181 |
| | 20-Aug | 11 | 12 | 0 | 0 | 3,032 | 17,231 | 117 | 1,149 | 590 | 2,510 | 19 | 155 |
| | 23-Aug | 8 | 11 | 0 | 0 | 2,545 | 14,814 | 99 | 1,023 | 192 | 822 | 31 | 245 |
| | 24-Aug | 10 | 18 | 0 | 0 | 4,871 | 27,647 | 186 | 1,954 | 236 | 989 | 40 | 285 |
| | 25-Aug | 9 | 13 | 0 | 0 | 3,470 | 19,821 | 183 | 1,920 | 134 | 562 | 28 | 204 |
| | 26-Aug | 9 | 12 | 0 | 0 | 2,252 | 12,759 | 144 | 1,413 | 161 | 697 | 45 | 266 |
| | 27-Aug | 9 | 13 | 0 | 0 | 2,572 | 14,880 | 208 | 2,234 | 110 | 465 | 46 | 345 |
| | 28-Aug | 9 | 12 | 0 | 0 | 1,269 | 7,373 | 156 | 1,714 | 82 | 326 | 27 | 210 |
| | 29-Aug | 7 | 8 | 0 | 0 | 1,447 | 8,142 | 157 | 1,691 | 67 | 288 | 27 | 222 |
| | 30-Aug | 6 | 6 | 0 | 0 | 723 | 3,874 | 39 | 429 | 14 | 57 | 4 | 32 |
| | 2-Sep | 5 | 5 | 0 | 0 | 1,620 | 9,046 | 157 | 1,759 | 20 | 84 | 25 | 184 |
| | 3-Sep | 5 | 7 | 0 | 0 | 1,238 | 7,082 | 89 | 954 | 10 | 43 | 21 | 163 |
| | 4-Sep | 4 | 4 | 0 | 0 | 617 | 3,416 | 48 | 473 | 8 | 35 | 13 | 112 |
| | 5-Sep | 4 | 4 | 0 | 0 | 478 | 2,587 | 35 | 359 | 10 | 44 | 12 | 99 |
| | Total | 29 | 482 | 2 | 45 | 105,741 | 587,683 | 2,215 | 22,720 | 43,149 | 171,768 | 1,918 | 14,133 |
| | Avg. Wt. | | | | 22.50 | | 5.56 | | 10.26 | | 3.98 | | 7.37 |
| HUMPY/DEADMAN SECTION (257-50,60,70) | | | | | | | | | | | | | |
| | 14-Jul | * | * | * | * | * | * | * | * | * | * | * | * |
| | 15-Jul | 8 | 8 | 6 | 134 | 8,784 | 54,315 | 49 | 386 | 11,432 | 34,414 | 93 | 782 |
| | 16-Jul | 7 | 7 | 3 | 72 | 9,876 | 60,249 | 52 | 354 | 19,455 | 59,014 | 173 | 1,437 |

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**Table 12.-**(page 7 of 9)

| Section (Stat Area | Date | Permits | Landings | CHINOOK Number | CHINOOK Pounds | SOCKEYE Number | SOCKEYE Pounds | COHO Number | COHO Pounds | PINK Number | PINK Pounds | CHUM Number | CHUM Pounds |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HUMPY/DEADMAN SECTION (Cont.) | | | | | | | | | | | | | |
| | 17-Jul | * | * | * | * | * | * | * | * | * | * | * | * |
| | 21-Jul | 6 | 6 | 2 | 40 | 1,581 | 8,576 | 2 | 16 | 20,110 | 60,336 | 1,802 | 16,180 |
| | 22-Jul | 6 | 6 | 6 | 117 | 2,047 | 12,289 | 6 | 58 | 19,043 | 57,134 | 563 | 4,523 |
| | 23-Jul | * | * | * | * | * | * | * | * | * | * | * | * |
| | 30-Jul | * | * | * | * | * | * | * | * | * | * | * | * |
| | 31-Jul | * | * | * | * | * | * | * | * | * | * | * | * |
| | 1-Aug | 4 | 4 | 3 | 61 | 837 | 5,031 | 14 | 112 | 12,772 | 38,321 | 189 | 1,627 |
| | 5-Aug | * | * | * | * | * | * | * | * | * | * | * | * |
| | 6-Aug | * | * | * | * | * | * | * | * | * | * | * | * |
| | 11-Aug | * | * | * | * | * | * | * | * | * | * | * | * |
| | 13-Aug | * | * | * | * | * | * | * | * | * | * | * | * |
| | 18-Aug | * | * | * | * | * | * | * | * | * | * | * | * |
| | 19-Aug | 4 | 4 | 0 | 0 | 753 | 4,682 | 43 | 238 | 1,721 | 7,704 | 1,760 | 10,670 |
| | 21-Aug | * | * | * | * | * | * | * | * | * | * | * | * |
| | 26-Aug | * | * | * | * | * | * | * | * | * | * | * | * |
| | Total | 15 | 62 | 29 | 595 | 35,789 | 217,458 | 1,375 | 7,876 | 131,813 | 423,733 | 13,788 | 86,047 |
| | Avg. Wt. | | | | 20.52 | | 6.08 | | 5.73 | | 3.21 | | 6.24 |
| ALITAK DISTRICT (257-10-70) | | | | | | | | | | | | | |
| | 5-Jun | 26 | 27 | 2 | 46 | 5,182 | 25,189 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 6-Jun | 43 | 51 | 72 | 1,401 | 9,386 | 49,188 | 0 | 0 | 0 | 0 | 10 | 80 |
| | 9-Jun | 24 | 26 | 58 | 1,014 | 7,189 | 36,140 | 0 | 0 | 91 | 281 | 6 | 62 |
| | 10-Jun | 28 | 39 | 2 | 44 | 3,071 | 15,295 | 0 | 0 | 1 | 3 | 3 | 19 |
| | 11-Jul | 11 | 12 | 0 | 0 | 293 | 1,559 | 0 | 0 | 1 | 3 | 0 | 0 |
| | 12-Jul | 11 | 12 | 0 | 0 | 535 | 2,793 | 0 | 0 | 38 | 155 | 18 | 106 |
| | 13-Jul | 6 | 6 | 0 | 0 | 344 | 1,831 | 1 | 9 | 12 | 42 | 9 | 76 |
| | 14-Jul | 24 | 25 | 0 | 0 | 8,084 | 47,397 | 38 | 263 | 4,420 | 15,798 | 529 | 3,972 |
| | 15-Jul | 35 | 47 | 7 | 152 | 19,416 | 116,330 | 120 | 858 | 19,049 | 60,739 | 4,518 | 35,714 |
| | 16-Jul | 32 | 34 | 5 | 112 | 13,990 | 81,955 | 105 | 709 | 24,039 | 76,079 | 498 | 3,869 |
| | 17-Jul | 27 | 28 | 10 | 185 | 5,939 | 31,457 | 111 | 648 | 8,946 | 32,868 | 742 | 5,599 |
| | 18-Jul | 21 | 26 | 0 | 0 | 4,061 | 20,984 | 13 | 80 | 4,192 | 16,416 | 284 | 2,123 |

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**Table 12.-**(page 8 of 9)

| Section (Stat Area) | Date | Permits | Landings | CHINOOK Number | CHINOOK Pounds | SOCKEYE Number | SOCKEYE Pounds | COHO Number | COHO Pounds | PINK Number | PINK Pounds | CHUM Number | CHUM Pounds |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ALITAK DISTRICT (Cont.) | | | | | | | | | | | | | |
| | 21-Jul | 6 | 6 | 2 | 40 | 1,581 | 8,576 | 2 | 16 | 20,110 | 60,336 | 1,802 | 16,180 |
| | 22-Jul | 24 | 28 | 6 | 117 | 5,146 | 29,017 | 10 | 104 | 26,046 | 80,896 | 1,045 | 8,231 |
| | 23-Jul | 27 | 35 | 0 | 0 | 5,272 | 27,811 | 30 | 205 | 19,465 | 77,090 | 1,610 | 11,571 |
| | 24-Jul | 28 | 30 | 4 | 94 | 4,389 | 22,344 | 7 | 39 | 14,343 | 57,578 | 1,026 | 7,364 |
| | 25-Jul | 30 | 36 | 10 | 209 | 7,749 | 42,898 | 40 | 343 | 37,999 | 117,938 | 857 | 7,112 |
| | 26-Jul | 30 | 32 | 12 | 332 | 6,759 | 38,547 | 16 | 122 | 23,700 | 73,661 | 470 | 3,773 |
| | 27-Jul | 30 | 39 | 6 | 159 | 6,752 | 38,042 | 128 | 929 | 23,281 | 75,702 | 525 | 3,904 |
| | 28-Jul | 29 | 32 | 5 | 105 | 8,763 | 48,596 | 38 | 299 | 30,765 | 93,823 | 668 | 5,259 |
| | 29-Jul | 22 | 23 | 0 | 0 | 4,353 | 22,407 | 27 | 204 | 10,212 | 31,582 | 292 | 2,317 |
| | 30-Jul | * | * | * | * | * | * | * | * | * | * | * | * |
| | 31-Jul | * | * | * | * | * | * | * | * | * | * | * | * |
| | 1-Aug | 4 | 4 | 3 | 61 | 837 | 5,031 | 14 | 112 | 12,772 | 38,321 | 189 | 1,627 |
| | 4-Aug | 16 | 17 | 3 | 54 | 3,278 | 18,887 | 22 | 211 | 11,377 | 36,185 | 196 | 1,532 |
| | 5-Aug | 29 | 35 | 13 | 329 | 9,340 | 53,292 | 204 | 1,509 | 22,691 | 74,271 | 724 | 5,756 |
| | 6-Aug | 29 | 33 | 6 | 152 | 8,118 | 45,947 | 100 | 740 | 19,962 | 64,167 | 662 | 5,030 |
| | 7-Aug | 27 | 36 | 13 | 338 | 13,469 | 76,667 | 138 | 1,166 | 23,852 | 78,273 | 645 | 4,962 |
| | 8-Aug | 33 | 40 | 20 | 501 | 14,896 | 87,249 | 176 | 1,651 | 33,572 | 103,966 | 715 | 5,689 |
| | 9-Aug | 33 | 46 | 25 | 581 | 9,593 | 55,665 | 184 | 1,651 | 13,837 | 49,581 | 763 | 4,648 |
| | 11-Aug | * | * | * | * | * | * | * | * | * | * | * | * |
| | 13-Aug | 21 | 24 | 1 | 15 | 9,086 | 53,482 | 286 | 1,675 | 13,378 | 53,742 | 518 | 4,415 |
| | 14-Aug | 30 | 38 | 6 | 193 | 17,771 | 100,093 | 627 | 4,837 | 15,301 | 56,989 | 478 | 3,781 |
| | 15-Aug | 31 | 33 | 1 | 18 | 13,012 | 75,361 | 206 | 2,101 | 11,538 | 39,073 | 546 | 4,315 |
| | 16-Aug | 21 | 32 | 0 | 0 | 15,037 | 86,484 | 114 | 1,126 | 4,559 | 17,690 | 169 | 1,312 |
| | 17-Aug | 25 | 29 | 2 | 80 | 11,977 | 70,618 | 441 | 2,851 | 10,431 | 42,893 | 335 | 2,425 |
| | 18-Aug | 25 | 39 | 1 | 25 | 12,538 | 72,057 | 280 | 2,444 | 8,778 | 36,535 | 7,007 | 34,015 |
| | 19-Aug | 21 | 27 | 0 | 0 | 8,267 | 48,745 | 198 | 1,580 | 2,347 | 10,287 | 1,842 | 11,302 |
| | 20-Aug | 18 | 21 | 0 | 0 | 5,999 | 33,934 | 210 | 2,089 | 970 | 3,965 | 63 | 448 |
| | 21-Aug | * | * | * | * | * | * | * | * | * | * | * | * |
| | 23-Aug | 14 | 18 | 0 | 0 | 4,377 | 25,515 | 151 | 1,545 | 226 | 967 | 54 | 419 |
| | 24-Aug | 20 | 33 | 0 | 0 | 10,494 | 58,524 | 711 | 5,243 | 847 | 3,544 | 138 | 960 |
| | 25-Aug | 18 | 22 | 0 | 0 | 6,199 | 35,874 | 261 | 2,689 | 173 | 728 | 88 | 614 |
| | 26-Aug | 17 | 25 | 0 | 0 | 6,217 | 35,861 | 894 | 7,130 | 967 | 3,927 | 403 | 2,926 |

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*=Confidential information

**Table 12.-**(page 9 of 9)

| Section (Stat Area) | Date | Permits | Landings | CHINOOK Number | CHINOOK Pounds | SOCKEYE Number | SOCKEYE Pounds | COHO Number | COHO Pounds | PINK Number | PINK Pounds | CHUM Number | CHUM Pounds |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ALITAK DISTRICT (Cont.) | | | | | | | | | | | | | |
| | 27-Aug | 20 | 24 | 0 | 0 | 5,629 | 31,714 | 1,018 | 10,389 | 1,369 | 5,508 | 213 | 1,479 |
| | 28-Aug | 22 | 29 | 2 | 41 | 4,381 | 25,004 | 799 | 8,292 | 795 | 3,205 | 175 | 1,279 |
| | 29-Aug | 15 | 19 | 0 | 0 | 3,467 | 19,570 | 322 | 3,327 | 105 | 448 | 62 | 507 |
| | 30-Aug | 17 | 18 | 0 | 0 | 3,986 | 22,402 | 1,175 | 11,591 | 597 | 2,408 | 114 | 851 |
| | 2-Sep | 10 | 11 | 0 | 0 | 2,369 | 13,272 | 172 | 1,913 | 22 | 93 | 31 | 229 |
| | 3-Sep | 16 | 22 | 0 | 0 | 3,338 | 19,185 | 203 | 2,222 | 15 | 64 | 70 | 520 |
| | 4-Sep | 13 | 14 | 0 | 0 | 1,658 | 9,324 | 339 | 3,381 | 8 | 35 | 51 | 419 |
| | 5-Sep | 12 | 13 | 0 | 0 | 1,625 | 8,912 | 95 | 953 | 10 | 44 | 36 | 293 |
| | Total | 87 | 1,308 | 298 | 6,426 | 341,402 | 1,934,691 | 10,592 | 92,582 | 497,822 | 1,663,622 | 31,866 | 224,158 |
| | Avg. Wt. | | | | 21.56 | | 5.67 | | 8.74 | | 3.34 | | 7.03 |



*=Confidential information

**Table 13.-Salmon harvest, by gear and species, for the Alitak Bay District of the Kodiak Management Area, 2003.**

| | | | CHINOOK | | SOCKEYE | | COHO | | PINK | | CHUM | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Gear | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| Early Run 6/1 - 7/15 | | | | | | | | | | | | |
| Purse Seine Total | 15 | 24 | 133 | 2,476 | 21,223 | 128,251 | 139 | 971 | 17,917 | 54,465 | 4,215 | 33,478 |
| Avg. Wt. | | | | 18.62 | | 6.04 | | 6.99 | | 3.04 | | 7.94 |
| Avg. Price | | | | $0.60 | | $0.53 | | $0.00 | | $0.06 | | $0.05 |
| Set Gillnet Total | 50 | 221 | 8 | 181 | 32,277 | 167,471 | 20 | 159 | 5,695 | 22,556 | 878 | 6,551 |
| Avg. Wt. | | | | 22.63 | | 5.19 | | 7.95 | | 3.96 | | 7.46 |
| Avg. Price | | | | $0.00 | | $0.53 | | $0.00 | | $0.06 | | $0.06 |
| Early Run Total | 65 | 245 | 141 | 2,657 | 53,500 | 295,722 | 159 | 1,130 | 23,612 | 77,021 | 5,093 | 40,029 |
| Avg. Wt. | | | | 18.84 | | 5.53 | | 7.11 | | 3.26 | | 7.86 |
| Avg. Price | | | | $0.60 | | $0.53 | | $0.00 | | $0.06 | | $0.05 |
| Late Run 7/16 - 10/31 | | | | | | | | | | | | |
| Purse Seine Total | 21 | 183 | 155 | 3,718 | 90,232 | 525,156 | 5,697 | 44,613 | 389,418 | 1,252,855 | 20,518 | 138,499 |
| Avg. Wt. | | | | 23.99 | | 5.82 | | 7.83 | | 3.22 | | 6.75 |
| Avg. Price | | | | $0.59 | | $0.53 | | $0.02 | | $0.06 | | $0.05 |
| Set Gillnet Total | 53 | 880 | 2 | 51 | 197,670 | 1,113,813 | 4,736 | 46,839 | 84,792 | 333,746 | 6,255 | 45,630 |
| Avg. Wt. | | | | 25.50 | | 5.63 | | 9.89 | | 3.94 | | 7.29 |
| Avg. Price | | | | $0.00 | | $0.53 | | $0.02 | | $0.06 | | $0.07 |
| Late Run Total | 74 | 1,063 | 157 | 3,769 | 287,902 | 1,638,969 | 10,433 | 91,452 | 474,210 | 1,586,601 | 26,773 | 184,129 |
| Avg. Wt. | | | | 23.91 | | 5.71 | | 8.75 | | 3.34 | | 7.03 |
| Avg. Price | | | | $0.59 | | $0.53 | | $0.02 | | $0.06 | | $0.05 |

-Continued-

**Table 13.-**(Page 2 of 2)

| | | | CHINOOK | | SOCKEYE | | COHO | | PINK | | CHUM | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Gear | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| SEASON TOTAL 6/1 - 10/31 | | | | | | | | | | | | |
| Purse Seine Total | 22 | 207 | 288 | 6,194 | 111,455 | 653,407 | 5,836 | 45,584 | 407,335 | 1,307,320 | 24,733 | 171,977 |
| Avg. Wt. | | | | 21.51 | | 5.86 | | 7.81 | | 3.21 | | 6.95 |
| Avg. Price | | | | $0.59 | | $0.53 | | $0.01 | | $0.06 | | $0.05 |
| Set Gillnet Total | 65 | 1,101 | 10 | 232 | 229,947 | 1,281,284 | 4,756 | 46,998 | 90,487 | 356,302 | 7,133 | 52,181 |
| Avg. Wt. | | | | 23.20 | | 5.57 | | 9.88 | | 3.94 | | 7.32 |
| Avg. Price | | | | $0.00 | | $0.53 | | $0.02 | | $0.06 | | $0.07 |
| Entire Season Total | 87 | 1,308 | 298 | 6,426 | 341,402 | 1,934,691 | 10,592 | 92,582 | 497,822 | 1,663,622 | 31,866 | 224,158 |
| Avg. Wt. | | | | 21.56 | | 5.67 | | 8.74 | | 3.34 | | 7.03 |
| Avg. Price | | | | $0.59 | | $0.53 | | $0.02 | | $0.06 | | $0.05 |

**Table 14.-**Commercial salmon harvest, by species, with percent harvest by gear type, in the Alitak Bay District, of the Kodiak Management Area, 1954 to 2004.

| | CHINOOK[b] | | | SOCKEYE[b] | | | COHO[b] | | | PINK[b] | | | CHUM[b] | | | Total[b] | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| YEAR | Number | GN[c]% | PS[d]% | Number | GN% | PS% | Number | GN% | PS% | Number | GN% | PS% | Number | GN% | PS% | Number | GN% | PS% |
| 1954 | 3 | 33% | 67% | 44,448 | 94% | 6% | 1,118 | 93% | 7% | 490,038 | 47% | 53% | 55,788 | 19% | 81% | 591,395 | 48% | 52% |
| 1955 | 38 | 74% | 26% | 56,058 | 89% | 11% | 410 | 68% | 32% | 1,656,363 | 15% | 85% | 100,031 | 17% | 83% | 1,812,900 | 18% | 82% |
| 1956 | 10 | 10% | 90% | 62,673 | 77% | 23% | 904 | 25% | 75% | 335,669 | 30% | 70% | 55,967 | 11% | 89% | 455,223 | 34% | 66% |
| 1957 | 7 | 14% | 86% | 15,365 | 88% | 12% | 378 | 31% | 69% | 410,620 | 12% | 88% | 49,661 | 27% | 73% | 476,031 | 16% | 84% |
| 1958 | 11 | 0% | 100% | 30,542 | 79% | 21% | 488 | 33% | 67% | 770,851 | 29% | 71% | 81,255 | 8% | 92% | 883,147 | 29% | 71% |
| 1959 | 11 | 18% | 82% | 24,888 | 59% | 41% | 378 | 30% | 70% | 544,592 | 23% | 77% | 70,589 | 8% | 92% | 640,458 | 23% | 77% |
| 1960 | 29 | 17% | 83% | 68,472 | 77% | 23% | 2,129 | 77% | 23% | 1,561,476 | 25% | 75% | 102,432 | 13% | 87% | 1,734,538 | 26% | 74% |
| 1961 | 23 | 4% | 96% | 145,781 | 67% | 33% | 1,470 | 49% | 51% | 1,589,027 | 14% | 86% | 60,600 | 18% | 82% | 1,796,901 | 19% | 81% |
| 1962 | 5 | 20% | 80% | 124,496 | 75% | 25% | 1,792 | 79% | 21% | 1,886,769 | 23% | 77% | 54,115 | 26% | 74% | 2,067,177 | 26% | 74% |
| 1963 | 30 | 7% | 93% | 54,992 | 60% | 40% | 1,202 | 31% | 69% | 1,522,856 | 14% | 86% | 42,836 | 10% | 90% | 1,621,916 | 15% | 85% |
| 1964 | 29 | 10% | 90% | 50,167 | 72% | 28% | 2,324 | 76% | 24% | 1,408,731 | 46% | 54% | 34,460 | 13% | 87% | 1,495,711 | 46% | 54% |
| 1965 | 16 | 6% | 94% | 68,876 | 68% | 32% | 688 | 16% | 84% | 1,129,185 | 11% | 89% | 20,604 | 17% | 83% | 1,219,369 | 14% | 86% |
| 1966 | 2 | 50% | 50% | 70,526 | 91% | 9% | 585 | 78% | 22% | 429,204 | 40% | 60% | 33,153 | 18% | 82% | 533,470 | 46% | 54% |
| 1967 | 6 | 0% | 100% | 14,227 | 82% | 18% | 50 | 0% | 100% | 84,918 | 66% | 34% | 17,377 | 55% | 45% | 116,578 | 66% | 34% |
| 1968 | 16 | 44% | 56% | 40,662 | 86% | 14% | 3,701 | 79% | 21% | 1,046,221 | 21% | 79% | 29,450 | 35% | 65% | 1,120,050 | 24% | 76% |
| 1969 | 27 | 37% | 63% | 98,722 | 54% | 46% | 7,240 | 7% | 93% | 3,768,917 | 8% | 92% | 45,134 | 15% | 85% | 3,920,040 | 10% | 90% |
| 1970 | 8 | 50% | 50% | 81,528 | 76% | 24% | 4,540 | 73% | 27% | 949,488 | 27% | 73% | 93,306 | 15% | 85% | 1,128,870 | 30% | 70% |
| 1971 | 33 | 30% | 70% | 124,480 | 55% | 45% | 2,261 | 66% | 34% | 1,066,180 | 10% | 90% | 191,437 | 7% | 93% | 1,384,391 | 14% | 86% |
| 1972 | 15 | 40% | 60% | 22,127 | 70% | 30% | 1,270 | 51% | 49% | 187,154 | 17% | 83% | 93,236 | 6% | 94% | 303,802 | 18% | 82% |
| 1973 | 4 | 50% | 50% | 10,338 | 62% | 38% | 125 | 70% | 30% | 49,932 | 35% | 65% | 24,408 | 19% | 81% | 84,807 | 34% | 66% |
| 1974 | 19 | 16% | 84% | 66,605 | 52% | 48% | 1,284 | 49% | 51% | 363,389 | 9% | 91% | 22,220 | 9% | 91% | 453,517 | 16% | 84% |
| 1975 | 0 | 0% | 0% | 16,515 | 72% | 28% | 1,627 | 3% | 97% | 235,720 | 11% | 89% | 2,855 | 40% | 60% | 256,717 | 15% | 85% |
| 1976 | 18 | 28% | 72% | 96,668 | 71% | 29% | 3,518 | 53% | 47% | 1,804,003 | 26% | 74% | 66,183 | 14% | 86% | 1,970,390 | 28% | 72% |
| 1977 | 20 | 40% | 60% | 78,805 | 69% | 31% | 1,343 | 57% | 43% | 961,673 | 23% | 77% | 70,978 | 12% | 88% | 1,112,819 | 26% | 74% |
| 1978 | 694 | 58% | 42% | 218,165 | 59% | 41% | 2,788 | 52% | 48% | 4,191,756 | 12% | 88% | 72,166 | 16% | 84% | 4,485,569 | 14% | 86% |
| 1979 | 108 | 24% | 76% | 317,906 | 50% | 50% | 15,007 | 54% | 46% | 1,664,249 | 7% | 93% | 22,454 | 32% | 68% | 2,019,724 | 14% | 86% |
| 1980 | 34 | 21% | 79% | 208,200 | 83% | 17% | 12,972 | 34% | 66% | 2,033,236 | 12% | 88% | 67,471 | 12% | 88% | 2,321,913 | 18% | 82% |
| 1981 | 45 | 13% | 87% | 346,073 | 74% | 26% | 17,011 | 55% | 45% | 2,073,629 | 13% | 87% | 61,513 | 37% | 63% | 2,498,271 | 22% | 78% |
| 1982 | 43 | 30% | 70% | 476,862 | 86% | 14% | 29,378 | 40% | 60% | 519,880 | 27% | 73% | 101,543 | 22% | 78% | 1,127,706 | 52% | 48% |
| 1983 | 159 | 12% | 88% | 460,087 | 59% | 41% | 28,953 | 45% | 55% | 1,318,526 | 7% | 93% | 107,786 | 21% | 79% | 1,915,511 | 21% | 79% |
| 1984 | 290 | 11% | 89% | 382,729 | 67% | 33% | 25,299 | 51% | 49% | 433,806 | 25% | 75% | 84,924 | 24% | 76% | 927,048 | 43% | 57% |
| 1985 | 199 | 21% | 79% | 703,186 | 63% | 37% | 43,914 | 48% | 52% | 1,057,912 | 14% | 86% | 84,760 | 33% | 67% | 1,889,971 | 34% | 66% |
| 1986 | 134 | 17% | 83% | 1,247,976 | 58% | 42% | 30,548 | 44% | 56% | 728,205 | 17% | 83% | 75,643 | 16% | 84% | 2,082,506 | 42% | 58% |
| 1987 | 105 | 11% | 89% | 515,410 | 63% | 37% | 17,959 | 53% | 47% | 916,875 | 9% | 91% | 59,723 | 37% | 63% | 1,510,072 | 29% | 71% |
| 1988 | 624 | 11% | 89% | 1,123,474 | 58% | 42% | 30,001 | 38% | 62% | 385,735 | 35% | 65% | 93,391 | 35% | 65% | 1,633,225 | 51% | 49% |

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**Table 14.-**(Page 2 of 2)

| | CHINOOK[b] | | | SOCKEYE[b] | | | COHO[b] | | | PINK[b] | | | CHUM[b] | | | Total[b] | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| YEAR | Number | GN[c]% | PS[d]% | Number | GN% | PS% | Number | GN% | PS% | Number | GN% | PS% | Number | GN% | PS% | Number | GN% | PS% |
| 1989 | 106 | 100% | 0% | 1,284,174 | 100% | 0% | 1,613 | 100% | 0% | 182,217 | 100% | 0% | 19,911 | 100% | 0% | 1,488,021 | 100% | 0% |
| 1990 | 807 | 17% | 83% | 1,435,461 | 52% | 48% | 18,176 | 65% | 35% | 144,927 | 13% | 87% | 50,304 | 36% | 64% | 1,649,675 | 48% | 52% |
| 1991 | 821 | 10% | 90% | 2,062,718 | 58% | 42% | 24,601 | 52% | 48% | 2,373,516 | 5% | 95% | 83,003 | 24% | 76% | 4,544,659 | 30% | 70% |
| 1992 | 1,056 | 9% | 91% | 525,158 | 53% | 47% | 24,548 | 55% | 45% | 59,268 | 28% | 72% | 34,580 | 43% | 57% | 644,610 | 50% | 50% |
| 1993 | 1,828 | 10% | 90% | 998,751 | 53% | 47% | 19,271 | 40% | 60% | 3,465,473 | 6% | 94% | 53,636 | 27% | 73% | 4,538,959 | 17% | 83% |
| 1994 | 1,946 | 8% | 92% | 931,328 | 54% | 46% | 32,312 | 44% | 56% | 1,120,832 | 9% | 91% | 112,191 | 18% | 82% | 2,198,609 | 29% | 71% |
| 1995 | 848 | 15% | 85% | 1,674,169 | 47% | 53% | 19,000 | 47% | 53% | 7,065,939 | 6% | 94% | 105,224 | 17% | 83% | 8,865,180 | 14% | 86% |
| 1996 | 569 | 18% | 82% | 1,458,215 | 54% | 46% | 35,529 | 47% | 53% | 553,424 | 39% | 61% | 65,250 | 29% | 71% | 2,112,987 | 49% | 51% |
| 1997 | 291 | 31% | 69% | 685,635 | 59% | 41% | 33,549 | 41% | 59% | 955,253 | 15% | 85% | 85,710 | 34% | 66% | 1,760,438 | 33% | 67% |
| 1998 | 1,487 | 6% | 94% | 1,003,245 | 57% | 43% | 32,185 | 47% | 53% | 1,704,581 | 26% | 74% | 40,554 | 40% | 60% | 2,782,052 | 37% | 63% |
| 1999 | 271 | 12% | 88% | 633,579 | 70% | 30% | 13,126 | 74% | 26% | 1,353,933 | 12% | 88% | 79,000 | 16% | 84% | 2,079,909 | 30% | 70% |
| 2000 | 433 | 10% | 90% | 558,674 | 57% | 43% | 10,131 | 51% | 49% | 243,161 | 30% | 70% | 67,189 | 17% | 83% | 879,588 | 47% | 53% |
| 2001 | 651 | 11% | 89% | 461,785 | 64% | 36% | 2,471 | 24% | 76% | 1,439,930 | 7% | 93% | 52,521 | 21% | 79% | 1,957,358 | 26% | 74% |
| 2002 | 13 | 0% | 100% | 14,575 | 0% | 100% | 1,060 | 0% | 100% | 1,078,120 | 0% | 100% | 10,164 | 0% | 100% | 1,103,932 | 0% | 100% |
| 2003 | 298 | 3% | 97% | 341,402 | 67% | 33% | 10,592 | 45% | 55% | 497,822 | 18% | 82% | 31,866 | 22% | 78% | 881,980 | 38% | 62% |
| 2004 | 1,316 | 4% | 96% | 1,156,539 | 61% | 39% | 15,897 | 54% | 46% | 1,420,188 | 24% | 76% | 38,348 | 40% | 60% | 2,632,288 | 41% | 59% |
| AVERAGES: | | | | | | | | | | | | | | | | | | |
| 1954-2003 [a] | 288 | 20% | 78% | 413,321 | 66% | 34% | 11,657 | 48% | 52% | 1,257,816 | 20% | 80% | 63,687 | 22% | 78% | 1,746,769 | 29% | 71% |
| 1994-2003 | 681 | 11% | 89% | 776,261 | 53% | 47% | 18,996 | 42% | 58% | 1,601,300 | 16% | 84% | 64,967 | 21% | 79% | 2,462,203 | 30% | 70% |

[a] 1989 is not included in averages because of fishery restrictions and unusual fishing patterns due to the M/V Exxon Valdez oil spill.

[b] ADF&G test fish harvest is not included.

[c] Gillnet.

[d] Purse seine.

**Table 15.-**Alaska Board of Fisheries approved allocative guidelines for the commercial harvest of sockeye salmon with harvest percentages by gear type and section for the Alitak Bay District.

| Year | Section | Permits | Allocative Guidelines | Harvest | % Allocative Harvest |
|---|---|---|---|---|---|
| 2003 | Cape Alitak | 21 | 38 % to 44 % | 75,666 | 24.9% |
| | Alitak Bay | 25 | 18 % to 24 % | 82,415 | 27.1% |
| | Moser Bay | 29 | 16 % to 22 % | 105,741 | 34.7% |
| | Olga Bay | 30 | 16 % to 22 % | 40,619 | 13.3% |
| | Terminal Areas[a] | 12 | N/A | 1,172 | |
| | Humpy/Deadman | 15 | N/A | 35,789 | |
| | Total Harvest | | | 341,402 | 100.0% |
| 2004 | Cape Alitak | 31 | 38 % to 44 % | 405,609 | 36.8% |
| | Alitak Bay | 35 | 18 % to 24 % | 286,847 | 26.0% |
| | Moser Bay | 39 | 16 % to 22 % | 275,517 | 25.0% |
| | Olga Bay | 32 | 16 % to 22 % | 134,095 | 12.2% |
| | Terminal Areas[a] | 19 | N/A | 11,952 | |
| | Humpy/Deadman | 18 | N/A | 42,519 | |
| | Total Harvest | | | 1,156,539 | 100.0% |

[a] Includes Inner and Outer Upper Station, Inner and Outer Akalura, and Dog Salmon Flats Sections

**Table 16.-**Commercial salmon harvest, by species and section, in the Alitak Bay District 2004.

| Section | | | | CHINOOK | | SOCKEYE | | COHO | | PINK | | CHUM | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (Stat Area) | Date | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| CAPE ALITAK SECTION (257-10,20) | | | | | | | | | | | | | |
| | 6-Jun | 9 | 9 | 110 | 2,003 | 8,378 | 43,199 | 0 | 0 | 2 | 14 | 312 | 3,178 |
| | 7-Jun | 4 | 5 | 39 | 633 | 4,021 | 20,829 | 0 | 0 | 0 | 0 | 185 | 1,769 |
| | 8-Jun | 9 | 9 | 62 | 1,044 | 10,071 | 50,359 | 0 | 0 | 47 | 95 | 272 | 2,457 |
| | 9-Jun | * | * | * | * | * | * | * | * | * | * | * | * |
| | 10-Jun | 11 | 11 | 35 | 591 | 10,837 | 49,951 | 0 | 0 | 0 | 0 | 150 | 1,022 |
| | 11-Jun | * | * | * | * | * | * | * | * | * | * | * | * |
| | 12-Jun | 6 | 7 | 39 | 773 | 12,878 | 64,177 | 0 | 0 | 4 | 10 | 95 | 856 |
| | 13-Jun | 16 | 16 | 83 | 1,460 | 11,747 | 58,318 | 0 | 0 | 0 | 0 | 99 | 910 |
| | 16-Jun | 14 | 14 | 42 | 749 | 9,614 | 44,466 | 0 | 0 | 22 | 60 | 285 | 2,227 |
| | 17-Jun | 4 | 6 | 21 | 464 | 4,862 | 23,381 | 0 | 0 | 8 | 25 | 195 | 1,287 |
| | 18-Jun | * | * | * | * | * | * | * | * | * | * | * | * |
| | 19-Jun | 13 | 13 | 33 | 575 | 15,655 | 73,917 | 0 | 0 | 15 | 51 | 610 | 4,410 |
| | 20-Jun | 9 | 9 | 53 | 998 | 13,729 | 69,522 | 0 | 0 | 32 | 88 | 414 | 3,062 |
| | 21-Jun | 6 | 8 | 12 | 258 | 6,099 | 32,311 | 0 | 0 | 1 | 3 | 249 | 1,541 |
| | 22-Jun | 5 | 5 | 14 | 281 | 6,377 | 28,118 | 0 | 0 | 19 | 68 | 285 | 1,874 |
| | 23-Jun | 9 | 9 | 49 | 747 | 11,737 | 50,824 | 0 | 0 | 97 | 287 | 761 | 5,356 |
| | 24-Jun | 10 | 10 | 24 | 442 | 12,475 | 53,669 | 0 | 0 | 131 | 406 | 516 | 3,628 |
| | 25-Jun | 10 | 10 | 27 | 475 | 13,186 | 56,827 | 0 | 0 | 115 | 305 | 467 | 3,282 |
| | 26-Jun | 4 | 4 | 4 | 58 | 3,805 | 16,372 | 0 | 0 | 6 | 17 | 119 | 850 |
| | 27-Jun | 12 | 12 | 15 | 209 | 10,062 | 43,899 | 0 | 0 | 58 | 205 | 358 | 2,467 |
| | 28-Jun | 4 | 4 | 5 | 66 | 4,519 | 20,426 | 0 | 0 | 37 | 75 | 210 | 1,525 |
| | 29-Jun | 12 | 12 | 10 | 193 | 15,283 | 70,796 | 2 | 10 | 203 | 411 | 578 | 3,994 |
| | 30-Jun | 4 | 4 | 3 | 55 | 4,207 | 20,491 | 0 | 0 | 77 | 213 | 174 | 1,334 |
| | 1-Jul | 8 | 8 | 9 | 234 | 11,377 | 58,304 | 1 | 8 | 205 | 684 | 466 | 3,618 |
| | 2-Jul | 8 | 9 | 15 | 222 | 5,888 | 29,505 | 2 | 16 | 247 | 864 | 402 | 3,062 |
| | 6-Jul | 4 | 4 | 3 | 50 | 1,724 | 8,485 | 5 | 82 | 156 | 475 | 128 | 996 |
| | 7-Jul | 4 | 4 | 7 | 124 | 1,476 | 7,384 | 2 | 14 | 1,572 | 4,768 | 87 | 699 |
| | 8-Jul | 6 | 8 | 40 | 863 | 6,664 | 33,345 | 34 | 243 | 3,310 | 9,926 | 633 | 4,387 |
| | 9-Jul | * | * | * | * | * | * | * | * | * | * | * | * |
| | 10-Jul | 9 | 11 | 35 | 737 | 11,579 | 64,571 | 46 | 275 | 5,535 | 16,614 | 605 | 4,742 |
| | 11-Jul | 4 | 6 | 22 | 473 | 4,956 | 28,133 | 10 | 70 | 2,539 | 7,662 | 209 | 1,686 |
| | 12-Jul | 5 | 5 | 1 | 26 | 3,821 | 20,176 | 5 | 40 | 1,971 | 5,797 | 195 | 1,404 |

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**Table 16.-**(Page 2 of 16)

| Section (Stat Area) | Date | Permits | Landings | CHINOOK Number | CHINOOK Pounds | SOCKEYE Number | SOCKEYE Pounds | COHO Number | COHO Pounds | PINK Number | PINK Pounds | CHUM Number | CHUM Pounds |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CAPE ALITAK SECTION (Cont.) | | | | | | | | | | | | | |
| | 13-Jul | 4 | 4 | 1 | 17 | 4,184 | 21,648 | 4 | 36 | 2,496 | 7,472 | 267 | 2,051 |
| | 16-Jul | 9 | 9 | 6 | 136 | 9,566 | 45,635 | 290 | 2,059 | 18,840 | 57,762 | 808 | 6,390 |
| | 17-Jul | 5 | 5 | 7 | 127 | 4,106 | 19,557 | 10 | 69 | 11,381 | 34,185 | 371 | 2,978 |
| | 18-Jul | 9 | 11 | 17 | 358 | 8,804 | 44,115 | 54 | 390 | 24,045 | 72,633 | 577 | 4,487 |
| | 19-Jul | 6 | 6 | 8 | 220 | 3,924 | 19,745 | 923 | 2,976 | 7,340 | 22,689 | 248 | 1,988 |
| | 20-Jul | 8 | 8 | 20 | 498 | 3,433 | 17,176 | 66 | 453 | 8,729 | 26,196 | 371 | 2,045 |
| | 21-Jul | 11 | 11 | 21 | 488 | 3,511 | 15,934 | 208 | 1,178 | 12,187 | 36,873 | 572 | 4,552 |
| | 22-Jul | 8 | 8 | 3 | 58 | 2,235 | 11,092 | 21 | 162 | 5,230 | 15,698 | 218 | 1,666 |
| | 23-Jul | 10 | 11 | 8 | 205 | 3,549 | 18,551 | 12 | 85 | 9,872 | 29,985 | 262 | 1,990 |
| | 26-Jul | 9 | 9 | 12 | 214 | 3,016 | 13,853 | 20 | 169 | 25,844 | 94,757 | 400 | 2,683 |
| | 27-Jul | 9 | 12 | 11 | 237 | 8,556 | 43,902 | 71 | 569 | 67,835 | 231,842 | 756 | 5,755 |
| | 28-Jul | 8 | 8 | 31 | 569 | 6,901 | 39,539 | 71 | 570 | 56,225 | 173,962 | 525 | 3,761 |
| | 29-Jul | 6 | 8 | 26 | 657 | 4,915 | 25,921 | 27 | 221 | 45,901 | 161,502 | 383 | 3,031 |
| | 30-Jul | 9 | 13 | 44 | 895 | 6,797 | 35,720 | 173 | 1,362 | 51,578 | 192,423 | 429 | 3,443 |
| | 31-Jul | 11 | 12 | 27 | 748 | 2,495 | 12,639 | 84 | 705 | 16,183 | 59,980 | 228 | 1,676 |
| | 1-Aug | 4 | 4 | 22 | 522 | 2,886 | 14,939 | 141 | 1,128 | 16,046 | 70,726 | 153 | 1,265 |
| | 5-Aug | 10 | 10 | 0 | 0 | 1,629 | 8,878 | 69 | 567 | 14,776 | 54,285 | 60 | 504 |
| | 6-Aug | 14 | 16 | 6 | 130 | 11,230 | 52,455 | 164 | 1,577 | 68,303 | 216,485 | 186 | 1,465 |
| | 7-Aug | 11 | 11 | 16 | 390 | 7,744 | 35,844 | 71 | 747 | 57,951 | 184,859 | 123 | 996 |
| | 8-Aug | 10 | 11 | 3 | 63 | 6,618 | 30,662 | 35 | 318 | 57,957 | 183,426 | 97 | 794 |
| | 9-Aug | 11 | 12 | 2 | 45 | 5,607 | 25,647 | 68 | 698 | 35,458 | 112,807 | 94 | 722 |
| | 10-Aug | 11 | 13 | 11 | 261 | 9,864 | 47,703 | 87 | 883 | 61,474 | 200,650 | 134 | 1,097 |
| | 11-Aug | 12 | 13 | 13 | 237 | 8,604 | 40,754 | 218 | 2,125 | 60,752 | 203,673 | 135 | 1,017 |
| | 12-Aug | 9 | 9 | 6 | 93 | 4,883 | 22,613 | 136 | 1,155 | 46,363 | 146,794 | 100 | 747 |
| | 15-Aug | 9 | 9 | 0 | 0 | 758 | 3,716 | 46 | 461 | 9,606 | 28,824 | 33 | 237 |
| | 16-Aug | 8 | 8 | 7 | 140 | 3,916 | 19,631 | 170 | 1,902 | 37,091 | 111,281 | 161 | 1,151 |
| | 17-Aug | 7 | 7 | 10 | 191 | 4,930 | 25,261 | 201 | 1,843 | 46,461 | 146,946 | 205 | 1,630 |
| | 18-Aug | 10 | 11 | 4 | 71 | 3,600 | 18,929 | 135 | 1,430 | 13,276 | 39,829 | 68 | 482 |
| | 26-Aug | * | * | * | * | * | * | * | * | * | * | * | * |
| | 27-Aug | * | * | * | * | * | * | * | * | * | * | * | * |
| | 29-Aug | * | * | * | * | * | * | * | * | * | * | * | * |
| | 31-Aug | 4 | 4 | 2 | 37 | 3,170 | 17,443 | 636 | 5,424 | 6,062 | 21,223 | 94 | 711 |

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**Table 16.-**(Page 3 of 16)

| Section | | | | CHINOOK | | SOCKEYE | | COHO | | PINK | | CHUM | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (Stat Area) | Date | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| CAPE ALITAK SECTION (Cont.) | | | | | | | | | | | | | |
| | 1-Sep | * | * | * | * | * | * | * | * | * | * | * | * |
| | 5-Sep | * | * | * | * | * | * | * | * | * | * | * | * |
| | 6-Sep | * | * | * | * | * | * | * | * | * | * | * | * |
| | TOTAL | 31 | 525 | 1,212 | 23,057 | 405,609 | 1,977,933 | 6,472 | 49,665 | 925,077 | 3,029,120 | 17,596 | 132,719 |
| | Avg. Wt. | | | | 18.99 | | 4.88 | | 7.67 | | 3.27 | | 7.54 |
| OUTER UPPER STATION SECTION (257-30) | | | | | | | | | | | | | |
| | 6/18/2004 | * | * | * | * | * | * | * | * | * | * | * | * |
| | 6/19/2004 | * | * | * | * | * | * | * | * | * | * | * | * |
| | 6/20/2004 | * | * | * | * | * | * | * | * | * | * | * | * |
| | 6/22/2004 | * | * | * | * | * | * | * | * | * | * | * | * |
| | 6/23/2004 | * | * | * | * | * | * | * | * | * | * | * | * |
| | 6/24/2004 | * | * | * | * | * | * | * | * | * | * | * | * |
| | 6/25/2004 | * | * | * | * | * | * | * | * | * | * | * | * |
| | 6/26/2004 | * | * | * | * | * | * | * | * | * | * | * | * |
| | 6/27/2004 | * | * | * | * | * | * | * | * | * | * | * | * |
| | 7/3/2004 | * | * | * | * | * | * | * | * | * | * | * | * |
| | 7/4/2004 | * | * | * | * | * | * | * | * | * | * | * | * |
| | 7/5/2004 | * | * | * | * | * | * | * | * | * | * | * | * |
| | TOTAL | 4 | 26 | 0 | 0 | 2,147 | 8,242 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Avg. Wt. | | | | 0.00 | | 3.84 | | 0.00 | | 0.00 | | 0.00 |
| OLGA BAY SECTION (257-40) | | | | | | | | | | | | | |
| | 5-Jun | 10 | 10 | 0 | 0 | 9,495 | 45,036 | 0 | 0 | 0 | 0 | 2 | 16 |
| | 6-Jun | 10 | 13 | 2 | 23 | 6,619 | 30,704 | 0 | 0 | 0 | 0 | 2 | 14 |
| | 7-Jun | 11 | 14 | 0 | 0 | 1,617 | 7,497 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8-Jun | 10 | 10 | 0 | 0 | 1,314 | 6,105 | 0 | 0 | 0 | 0 | 2 | 15 |
| | 9-Jun | 10 | 10 | 0 | 0 | 776 | 3,777 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 10-Jun | 9 | 9 | 1 | 15 | 3,126 | 14,886 | 0 | 0 | 0 | 0 | 4 | 31 |
| | 11-Jun | 7 | 8 | 0 | 0 | 3,645 | 17,238 | 0 | 0 | 0 | 0 | 5 | 33 |
| | 12-Jun | 8 | 12 | 0 | 0 | 3,146 | 14,496 | 0 | 0 | 0 | 0 | 3 | 26 |
| | 13-Jun | 9 | 9 | 1 | 13 | 1,089 | 5,264 | 0 | 0 | 0 | 0 | 8 | 60 |
| | 16-Jun | 12 | 13 | 1 | 12 | 9,610 | 45,895 | 0 | 0 | 0 | 0 | 50 | 424 |
| | 17-Jun | 12 | 13 | 0 | 0 | 7,079 | 33,668 | 0 | 0 | 0 | 0 | 37 | 286 |

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**Table 16.-**(Page 4 of 16)

| Section | | | | CHINOOK | | SOCKEYE | | COHO | | PINK | | CHUM | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (Stat Area) | Date | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| OLGA BAY SECTION (Cont.) | | | | | | | | | | | | | |
| | 18-Jun | 9 | 9 | 2 | 44 | 2,120 | 9,883 | 0 | 0 | 0 | 0 | 22 | 175 |
| | 19-Jun | 9 | 10 | 0 | 0 | 1,187 | 5,636 | 0 | 0 | 0 | 0 | 39 | 333 |
| | 20-Jun | 11 | 12 | 0 | 0 | 1,785 | 8,611 | 0 | 0 | 0 | 0 | 44 | 351 |
| | 21-Jun | 11 | 14 | 1 | 20 | 1,241 | 5,791 | 0 | 0 | 0 | 0 | 27 | 226 |
| | 22-Jun | 7 | 7 | 1 | 5 | 581 | 2,794 | 0 | 0 | 0 | 0 | 21 | 177 |
| | 23-Jun | 8 | 8 | 0 | 0 | 552 | 2,706 | 0 | 0 | 0 | 0 | 26 | 211 |
| | 24-Jun | 10 | 10 | 0 | 0 | 1,245 | 6,639 | 0 | 0 | 0 | 0 | 45 | 380 |
| | 25-Jun | 8 | 8 | 0 | 0 | 788 | 3,828 | 0 | 0 | 1 | 4 | 47 | 414 |
| | 26-Jun | 10 | 11 | 2 | 31 | 1,091 | 5,109 | 0 | 0 | 0 | 0 | 40 | 333 |
| | 27-Jun | 10 | 11 | 2 | 36 | 978 | 4,461 | 0 | 0 | 0 | 0 | 34 | 307 |
| | 28-Jun | 11 | 11 | 0 | 0 | 757 | 3,594 | 0 | 0 | 0 | 0 | 58 | 486 |
| | 29-Jun | 6 | 7 | 0 | 0 | 243 | 1,139 | 0 | 0 | 1 | 4 | 48 | 431 |
| | 30-Jun | 10 | 10 | 0 | 0 | 467 | 2,295 | 0 | 0 | 0 | 0 | 39 | 320 |
| | 1-Jul | 9 | 9 | 0 | 0 | 754 | 3,772 | 0 | 0 | 0 | 0 | 70 | 554 |
| | 2-Jul | 10 | 12 | 0 | 0 | 1,169 | 5,843 | 1 | 6 | 2 | 6 | 61 | 507 |
| | 6-Jul | 15 | 23 | 0 | 0 | 6,399 | 31,330 | 0 | 0 | 14 | 53 | 288 | 2,341 |
| | 7-Jul | 11 | 14 | 0 | 0 | 1,587 | 7,720 | 27 | 129 | 3 | 9 | 104 | 814 |
| | 8-Jul | 13 | 21 | 0 | 0 | 1,406 | 6,840 | 0 | 0 | 4 | 13 | 201 | 1,704 |
| | 9-Jul | 12 | 13 | 0 | 0 | 599 | 2,865 | 0 | 0 | 3 | 13 | 171 | 1,457 |
| | 10-Jul | 11 | 11 | 0 | 0 | 266 | 1,248 | 0 | 0 | 5 | 20 | 44 | 380 |
| | 11-Jul | 11 | 11 | 0 | 0 | 440 | 2,084 | 27 | 131 | 6 | 21 | 82 | 725 |
| | 12-Jul | 10 | 10 | 0 | 0 | 309 | 1,565 | 0 | 0 | 10 | 51 | 85 | 682 |
| | 13-Jul | 7 | 7 | 0 | 0 | 191 | 882 | 0 | 0 | 8 | 27 | 111 | 899 |
| | 16-Jul | 12 | 24 | 0 | 0 | 10,222 | 52,385 | 0 | 0 | 525 | 2,182 | 521 | 4,259 |
| | 17-Jul | 13 | 19 | 0 | 0 | 3,767 | 19,051 | 0 | 0 | 295 | 1,177 | 351 | 2,653 |
| | 18-Jul | 10 | 11 | 0 | 0 | 841 | 4,206 | 0 | 0 | 45 | 172 | 11 | 94 |
| | 19-Jul | 10 | 10 | 0 | 0 | 531 | 2,697 | 0 | 0 | 90 | 353 | 70 | 547 |
| | 20-Jul | 10 | 10 | 0 | 0 | 473 | 2,477 | 1 | 8 | 181 | 656 | 110 | 949 |
| | 21-Jul | 9 | 12 | 0 | 0 | 826 | 3,643 | 0 | 0 | 178 | 725 | 64 | 492 |
| | 22-Jul | 8 | 10 | 0 | 0 | 565 | 3,173 | 0 | 0 | 236 | 887 | 37 | 290 |
| | 23-Jul | 8 | 8 | 0 | 0 | 339 | 1,757 | 0 | 0 | 138 | 605 | 23 | 207 |
| | 26-Jul | 10 | 12 | 0 | 0 | 2,706 | 14,485 | 0 | 0 | 1,769 | 7,235 | 27 | 193 |

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| Section | | | | CHINOOK | | SOCKEYE | | COHO | | PINK | | CHUM | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (Stat Area) | Date | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| OLGA BAY SECTION (Cont.) | | | | | | | | | | | | | |
| | 27-Jul | 9 | 10 | 0 | 0 | 1,573 | 8,330 | 0 | 0 | 1,295 | 5,227 | 61 | 496 |
| | 28-Jul | 11 | 22 | 0 | 0 | 905 | 5,236 | 0 | 0 | 1,039 | 4,018 | 51 | 409 |
| | 29-Jul | 9 | 14 | 0 | 0 | 554 | 2,889 | 0 | 0 | 1,099 | 4,449 | 40 | 335 |
| | 30-Jul | 10 | 15 | 0 | 0 | 896 | 5,055 | 0 | 0 | 1,769 | 7,222 | 41 | 294 |
| | 31-Jul | 9 | 9 | 0 | 0 | 796 | 4,270 | 0 | 0 | 2,070 | 8,568 | 21 | 167 |
| | 1-Aug | 9 | 10 | 0 | 0 | 1,169 | 6,261 | 0 | 0 | 2,862 | 11,202 | 27 | 213 |
| | 2-Aug | 7 | 9 | 0 | 0 | 1,184 | 6,109 | 1 | 6 | 1,780 | 7,120 | 16 | 114 |
| | 5-Aug | 10 | 15 | 0 | 0 | 5,058 | 29,701 | 399 | 2,310 | 14,078 | 56,381 | 94 | 759 |
| | 6-Aug | 10 | 16 | 0 | 0 | 3,562 | 18,844 | 7 | 65 | 7,583 | 30,487 | 44 | 335 |
| | 7-Aug | 10 | 17 | 1 | 4 | 1,563 | 8,358 | 6 | 28 | 5,467 | 21,532 | 41 | 320 |
| | 8-Aug | 9 | 9 | 0 | 0 | 1,532 | 7,674 | 12 | 87 | 7,771 | 29,875 | 60 | 490 |
| | 9-Aug | 10 | 10 | 0 | 0 | 568 | 3,080 | 6 | 41 | 4,038 | 15,419 | 31 | 247 |
| | 10-Aug | 7 | 9 | 0 | 0 | 699 | 3,872 | 9 | 63 | 2,985 | 12,011 | 30 | 253 |
| | 11-Aug | 7 | 9 | 0 | 0 | 519 | 2,925 | 8 | 81 | 3,303 | 13,050 | 30 | 248 |
| | 12-Aug | 8 | 9 | 0 | 0 | 272 | 1,415 | 17 | 119 | 1,224 | 4,834 | 16 | 136 |
| | 15-Aug | 11 | 22 | 0 | 0 | 3,738 | 20,591 | 52 | 457 | 7,008 | 27,872 | 74 | 606 |
| | 16-Aug | 9 | 14 | 0 | 0 | 1,284 | 6,876 | 33 | 277 | 3,758 | 14,770 | 46 | 400 |
| | 17-Aug | 9 | 9 | 0 | 0 | 497 | 2,643 | 19 | 165 | 2,858 | 11,170 | 49 | 396 |
| | 18-Aug | 8 | 10 | 0 | 0 | 725 | 4,070 | 26 | 220 | 2,533 | 9,682 | 19 | 152 |
| | 26-Aug | 10 | 11 | 0 | 0 | 1,902 | 10,425 | 151 | 1,484 | 1,510 | 6,103 | 63 | 551 |
| | 27-Aug | 9 | 11 | 0 | 0 | 547 | 3,245 | 136 | 1,389 | 1,128 | 4,611 | 132 | 1,066 |
| | 28-Aug | 5 | 5 | 0 | 0 | 496 | 2,626 | 56 | 560 | 1,328 | 5,260 | 43 | 347 |
| | 29-Aug | 6 | 7 | 0 | 0 | 1,780 | 9,302 | 120 | 1,151 | 1,297 | 5,229 | 38 | 290 |
| | 30-Aug | 4 | 5 | 0 | 0 | 1,142 | 6,347 | 92 | 817 | 1,040 | 4,187 | 36 | 276 |
| | 31-Aug | 4 | 5 | 0 | 0 | 1,316 | 7,051 | 92 | 876 | 828 | 3,159 | 42 | 319 |
| | 1-Sep | 5 | 7 | 0 | 0 | 1,078 | 6,132 | 50 | 511 | 460 | 1,921 | 33 | 287 |
| | 2-Sep | 4 | 4 | 0 | 0 | 715 | 3,749 | 77 | 724 | 112 | 451 | 39 | 295 |
| | 3-Sep | 4 | 5 | 0 | 0 | 867 | 4,654 | 65 | 681 | 90 | 380 | 29 | 204 |
| | 4-Sep | 5 | 5 | 0 | 0 | 749 | 4,135 | 64 | 589 | 213 | 815 | 17 | 138 |
| | 5-Sep | 4 | 5 | 0 | 0 | 774 | 4,156 | 74 | 705 | 218 | 824 | 37 | 289 |
| | 6-Sep | 4 | 5 | 0 | 0 | 747 | 4,121 | 43 | 388 | 72 | 358 | 16 | 125 |
| | 7-Sep | 5 | 6 | 0 | 0 | 448 | 2,560 | 73 | 750 | 74 | 294 | 13 | 101 |

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| Section | | | | CHINOOK | | SOCKEYE | | COHO | | PINK | | CHUM | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (Stat Area) | Date | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| OLGA BAY SECTION (Cont.) | | | | | | | | | | | | | |
| | 8-Sep | * | * | * | * | * | * | * | * | * | * | * | * |
| | 9-Sep | * | * | * | * | * | * | * | * | * | * | * | * |
| | 10-Sep | * | * | * | * | * | * | * | * | * | * | * | * |
| | 11-Sep | * | * | * | * | * | * | * | * | * | * | * | * |
| | 12-Sep | * | * | * | * | * | * | * | * | * | * | * | * |
| | TOTAL | 32 | 821 | 14 | 203 | 134,095 | 674,639 | 1,768 | 15,045 | 86,408 | 342,710 | 4,363 | 35,454 |
| | Avg. Wt. | | | | 12.26 | | 5.03 | | 8.51 | | 3.97 | | 8.13 |
| ALITAK BAY SECTION ( 257-41) | | | | | | | | | | | | | |
| | 5-Jun | 13 | 13 | 1 | 25 | 2,908 | 13,924 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 6-Jun | 10 | 18 | 0 | 0 | 3,431 | 17,038 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 7-Jun | 10 | 16 | 0 | 0 | 2,784 | 13,849 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8-Jun | 12 | 17 | 2 | 35 | 3,621 | 17,196 | 0 | 0 | 0 | 0 | 2 | 18 |
| | 9-Jun | 12 | 19 | 0 | 0 | 4,347 | 20,241 | 0 | 0 | 0 | 0 | 3 | 23 |
| | 10-Jun | 14 | 20 | 0 | 0 | 6,619 | 32,307 | 0 | 0 | 0 | 0 | 4 | 34 |
| | 11-Jun | 11 | 15 | 0 | 0 | 4,428 | 22,132 | 0 | 0 | 0 | 0 | 6 | 51 |
| | 12-Jun | 13 | 19 | 0 | 0 | 4,550 | 22,548 | 0 | 0 | 0 | 0 | 5 | 36 |
| | 13-Jun | 14 | 21 | 1 | 34 | 3,754 | 18,889 | 0 | 0 | 0 | 0 | 4 | 32 |
| | 16-Jun | 9 | 10 | 2 | 42 | 3,369 | 17,804 | 0 | 0 | 0 | 0 | 4 | 34 |
| | 17-Jun | 14 | 17 | 5 | 87 | 4,748 | 24,802 | 0 | 0 | 0 | 0 | 16 | 127 |
| | 18-Jun | 14 | 19 | 3 | 55 | 7,967 | 39,479 | 0 | 0 | 1 | 4 | 49 | 430 |
| | 19-Jun | 14 | 25 | 0 | 0 | 4,462 | 22,606 | 0 | 0 | 3 | 9 | 73 | 594 |
| | 20-Jun | 16 | 23 | 1 | 4 | 4,742 | 23,096 | 0 | 0 | 0 | 0 | 60 | 455 |
| | 21-Jun | 13 | 19 | 0 | 0 | 5,130 | 25,307 | 1 | 6 | 0 | 0 | 53 | 427 |
| | 22-Jun | 14 | 24 | 0 | 0 | 5,797 | 28,609 | 0 | 0 | 0 | 0 | 67 | 504 |
| | 23-Jun | 14 | 19 | 0 | 0 | 3,165 | 15,813 | 0 | 0 | 1 | 3 | 66 | 520 |
| | 24-Jun | 16 | 22 | 2 | 50 | 5,470 | 27,403 | 0 | 0 | 2 | 6 | 79 | 624 |
| | 25-Jun | 16 | 32 | 0 | 0 | 6,124 | 32,093 | 0 | 0 | 9 | 27 | 83 | 642 |
| | 26-Jun | 17 | 25 | 1 | 24 | 4,173 | 21,476 | 0 | 0 | 5 | 16 | 105 | 834 |
| | 27-Jun | 17 | 25 | 0 | 0 | 2,795 | 14,246 | 0 | 0 | 4 | 12 | 64 | 518 |
| | 28-Jun | 16 | 27 | 0 | 0 | 8,281 | 42,161 | 4 | 22 | 16 | 52 | 117 | 1,002 |
| | 29-Jun | 16 | 25 | 0 | 0 | 6,527 | 33,571 | 0 | 0 | 27 | 85 | 123 | 1,056 |
| | 30-Jun | 16 | 26 | 0 | 0 | 6,501 | 33,967 | 3 | 21 | 48 | 171 | 130 | 1,036 |

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**Table 16.-**(Page 7 of 16)

| Section | | | | CHINOOK | | SOCKEYE | | COHO | | PINK | | CHUM | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (Stat Area) | Date | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| ALITAK BAY SECTION (Cont.) | | | | | | | | | | | | | |
| | 1-Jul | 16 | 22 | 0 | 0 | 6,935 | 35,351 | 4 | 21 | 56 | 197 | 182 | 1,519 |
| | 2-Jul | 14 | 24 | 0 | 0 | 5,942 | 31,156 | 4 | 28 | 30 | 110 | 155 | 1,309 |
| | 6-Jul | 4 | 4 | 0 | 0 | 896 | 4,576 | 3 | 17 | 23 | 83 | 34 | 281 |
| | 7-Jul | 12 | 19 | 0 | 0 | 4,058 | 21,118 | 153 | 810 | 181 | 663 | 192 | 1,519 |
| | 8-Jul | 14 | 22 | 0 | 0 | 5,001 | 26,124 | 7 | 43 | 222 | 758 | 184 | 1,470 |
| | 9-Jul | 13 | 21 | 0 | 0 | 4,073 | 21,302 | 6 | 34 | 196 | 727 | 174 | 1,389 |
| | 10-Jul | 15 | 27 | 0 | 0 | 5,879 | 31,137 | 11 | 90 | 260 | 953 | 199 | 1,570 |
| | 11-Jul | 16 | 25 | 0 | 0 | 5,668 | 28,363 | 17 | 124 | 314 | 1,012 | 169 | 1,527 |
| | 12-Jul | 16 | 25 | 0 | 0 | 5,306 | 28,276 | 14 | 100 | 292 | 1,185 | 146 | 1,073 |
| | 13-Jul | 13 | 19 | 0 | 0 | 4,030 | 21,880 | 16 | 90 | 372 | 1,485 | 139 | 924 |
| | 16-Jul | * | * | * | * | * | * | * | * | * | * | * | * |
| | 17-Jul | 14 | 26 | 0 | 0 | 5,947 | 31,264 | 9 | 55 | 1,587 | 5,459 | 176 | 1,241 |
| | 18-Jul | 14 | 22 | 1 | 26 | 2,928 | 15,307 | 7 | 42 | 906 | 3,517 | 96 | 695 |
| | 19-Jul | 13 | 19 | 0 | 0 | 2,598 | 13,662 | 5 | 38 | 1,019 | 4,120 | 128 | 944 |
| | 20-Jul | 14 | 20 | 0 | 0 | 3,486 | 18,565 | 12 | 97 | 1,378 | 5,410 | 114 | 884 |
| | 21-Jul | 13 | 21 | 0 | 0 | 3,755 | 19,631 | 7 | 48 | 1,655 | 5,952 | 127 | 1,033 |
| | 22-Jul | 14 | 21 | 0 | 0 | 2,728 | 14,659 | 62 | 323 | 1,615 | 6,122 | 78 | 630 |
| | 23-Jul | 11 | 14 | 0 | 0 | 1,960 | 10,481 | 1 | 6 | 1,110 | 4,341 | 42 | 295 |
| | 26-Jul | * | * | * | * | * | * | * | * | * | * | * | * |
| | 27-Jul | 15 | 25 | 0 | 0 | 3,596 | 18,889 | 12 | 102 | 4,834 | 18,445 | 142 | 1,173 |
| | 28-Jul | 14 | 21 | 0 | 0 | 2,976 | 15,827 | 6 | 41 | 3,652 | 14,586 | 89 | 690 |
| | 29-Jul | 15 | 24 | 0 | 0 | 3,110 | 16,389 | 4 | 32 | 5,024 | 19,813 | 107 | 900 |
| | 30-Jul | 12 | 20 | 0 | 0 | 2,639 | 14,001 | 4 | 36 | 4,841 | 18,766 | 91 | 742 |
| | 31-Jul | 13 | 25 | 0 | 0 | 2,711 | 14,716 | 31 | 204 | 4,195 | 15,856 | 40 | 334 |
| | 1-Aug | 13 | 18 | 0 | 0 | 3,264 | 17,776 | 4 | 34 | 3,175 | 12,564 | 22 | 181 |
| | 2-Aug | 11 | 16 | 0 | 0 | 2,824 | 15,318 | 129 | 721 | 3,543 | 13,734 | 30 | 223 |
| | 5-Aug | * | * | * | * | * | * | * | * | * | * | * | * |
| | 6-Aug | 12 | 18 | 1 | 32 | 5,117 | 27,718 | 18 | 146 | 5,526 | 22,012 | 99 | 759 |
| | 7-Aug | 15 | 21 | 0 | 0 | 3,142 | 16,937 | 122 | 759 | 7,010 | 27,318 | 53 | 421 |
| | 8-Aug | 13 | 20 | 0 | 0 | 2,735 | 15,133 | 27 | 225 | 5,107 | 19,249 | 29 | 239 |
| | 9-Aug | 13 | 21 | 0 | 0 | 3,912 | 21,651 | 34 | 297 | 6,722 | 25,670 | 92 | 735 |
| | 10-Aug | 14 | 20 | 0 | 0 | 2,341 | 12,819 | 31 | 278 | 5,305 | 20,256 | 55 | 475 |

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**Table 16.-**(Page 8 of 16)

| Section (Stat Area) | Date | Permits | Landings | CHINOOK Number | CHINOOK Pounds | SOCKEYE Number | SOCKEYE Pounds | COHO Number | COHO Pounds | PINK Number | PINK Pounds | CHUM Number | CHUM Pounds |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ALITAK BAY SECTION (Cont.) | | | | | | | | | | | | | |
| | 11-Aug | 13 | 18 | 0 | 0 | 1,439 | 7,991 | 38 | 348 | 2,881 | 10,910 | 33 | 253 |
| | 12-Aug | 10 | 12 | 0 | 0 | 1,231 | 6,849 | 13 | 119 | 1,951 | 7,527 | 11 | 100 |
| | 15-Aug | * | * | * | * | * | * | * | * | * | * | * | * |
| | 16-Aug | 16 | 25 | 0 | 0 | 4,075 | 22,265 | 56 | 512 | 5,904 | 23,010 | 74 | 548 |
| | 17-Aug | 14 | 22 | 1 | 21 | 2,576 | 14,269 | 39 | 327 | 3,863 | 14,566 | 229 | 987 |
| | 18-Aug | 13 | 16 | 0 | 0 | 2,342 | 12,638 | 32 | 303 | 3,279 | 12,592 | 32 | 275 |
| | 26-Aug | 4 | 4 | 0 | 0 | 545 | 2,966 | 4 | 37 | 479 | 1,835 | 24 | 177 |
| | 27-Aug | 11 | 19 | 0 | 0 | 3,355 | 18,211 | 57 | 542 | 2,169 | 8,617 | 68 | 580 |
| | 28-Aug | 10 | 17 | 0 | 0 | 3,895 | 21,627 | 111 | 1,041 | 1,704 | 6,702 | 40 | 320 |
| | 29-Aug | 11 | 18 | 0 | 0 | 4,369 | 23,688 | 104 | 974 | 1,082 | 4,136 | 35 | 280 |
| | 30-Aug | 11 | 20 | 0 | 0 | 3,941 | 21,807 | 89 | 930 | 901 | 3,545 | 43 | 370 |
| | 31-Aug | 9 | 14 | 0 | 0 | 3,820 | 20,887 | 58 | 611 | 745 | 2,922 | 32 | 265 |
| | 1-Sep | 8 | 15 | 0 | 0 | 2,461 | 13,647 | 41 | 409 | 474 | 1,875 | 22 | 156 |
| | 2-Sep | 8 | 15 | 0 | 0 | 2,747 | 15,849 | 87 | 901 | 306 | 1,193 | 18 | 159 |
| | 3-Sep | 9 | 14 | 1 | 7 | 3,611 | 19,204 | 67 | 679 | 96 | 340 | 12 | 106 |
| | 4-Sep | 9 | 15 | 0 | 0 | 2,605 | 14,875 | 104 | 1,020 | 140 | 555 | 32 | 272 |
| | 5-Sep | 10 | 16 | 0 | 0 | 2,746 | 15,355 | 71 | 642 | 130 | 516 | 18 | 163 |
| | 6-Sep | 9 | 16 | 0 | 0 | 1,753 | 9,583 | 47 | 491 | 101 | 444 | 11 | 75 |
| | 7-Sep | 8 | 12 | 0 | 0 | 1,120 | 6,239 | 44 | 417 | 38 | 145 | 11 | 84 |
| | 8-Sep | 10 | 15 | 0 | 0 | 1,806 | 10,091 | 60 | 598 | 34 | 110 | 8 | 59 |
| | 9-Sep | 7 | 12 | 0 | 0 | 2,179 | 12,127 | 48 | 438 | 22 | 77 | 9 | 65 |
| | 10-Sep | 9 | 14 | 0 | 0 | 2,083 | 11,601 | 63 | 571 | 21 | 68 | 14 | 104 |
| | 11-Sep | 6 | 9 | 0 | 0 | 1,658 | 10,011 | 28 | 233 | 13 | 52 | 4 | 36 |
| | 12-Sep | 5 | 7 | 0 | 0 | 708 | 4,143 | 20 | 187 | 0 | 0 | 0 | 0 |
| | 13-Sep | 6 | 8 | 0 | 0 | 1,246 | 6,955 | 64 | 525 | 1 | 3 | 6 | 36 |
| | 14-Sep | 4 | 4 | 0 | 0 | 512 | 3,020 | 20 | 174 | 0 | 0 | 6 | 42 |
| | 15-Sep | * | * | * | * | * | * | * | * | * | * | * | * |
| | 16-Sep | * | * | * | * | * | * | * | * | * | * | * | * |
| | TOTAL | 35 | 1,470 | 22 | 442 | 286,847 | 1,501,414 | 2,156 | 18,099 | 99,112 | 391,578 | 5,136 | 40,070 |
| | Avg. Wt. | | | | 20.09 | | 5.23 | | 8.39 | | 3.95 | | 7.80 |

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| Section | | | | CHINOOK | | SOCKEYE | | COHO | | PINK | | CHUM | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (Stat Area) | Date | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| DOG SALMON FLATS SECTION (257-42) | | | | | | | | | | | | | |
| | 7-Jul | 13 | 16 | 0 | 0 | 5,286 | 24,831 | 0 | 0 | 6 | 26 | 426 | 3,715 |
| | 8-Jul | 10 | 17 | 1 | 10 | 3,123 | 14,948 | 0 | 0 | 2 | 6 | 448 | 4,479 |
| | 17-Jul | 5 | 8 | 0 | 0 | 991 | 4,371 | 0 | 0 | 80 | 278 | 792 | 7,011 |
| | 18-Jul | * | * | * | * | * | * | * | * | * | * | * | * |
| | TOTAL | 18 | 43 | 1 | 10 | 9,805 | 45,965 | 0 | 0 | 103 | 394 | 1,816 | 16,793 |
| | Avg. Wt. | | | | 10.00 | | 4.69 | | 0.00 | | 3.83 | | 9.25 |
| MOSER BAY SECTION (257-43) | | | | | | | | | | | | | |
| | 5-Jun | 9 | 11 | 0 | 0 | 3,638 | 16,904 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 6-Jun | 13 | 15 | 1 | 32 | 6,503 | 30,377 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 7-Jun | 14 | 17 | 0 | 0 | 3,942 | 18,217 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8-Jun | 10 | 12 | 0 | 0 | 1,894 | 8,602 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9-Jun | 12 | 15 | 1 | 3 | 2,251 | 10,345 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 10-Jun | 12 | 13 | 0 | 0 | 5,419 | 25,204 | 0 | 0 | 0 | 0 | 3 | 21 |
| | 11-Jun | 11 | 14 | 0 | 0 | 7,056 | 31,850 | 0 | 0 | 0 | 0 | 1 | 8 |
| | 12-Jun | 11 | 15 | 1 | 14 | 7,483 | 34,178 | 0 | 0 | 0 | 0 | 6 | 48 |
| | 13-Jun | 8 | 10 | 0 | 0 | 2,652 | 12,202 | 0 | 0 | 0 | 0 | 8 | 56 |
| | 16-Jun | 11 | 11 | 0 | 0 | 3,338 | 16,129 | 0 | 0 | 0 | 0 | 18 | 135 |
| | 17-Jun | 12 | 17 | 0 | 0 | 5,581 | 26,431 | 0 | 0 | 0 | 0 | 14 | 110 |
| | 18-Jun | 12 | 16 | 0 | 0 | 3,452 | 16,139 | 0 | 0 | 0 | 0 | 46 | 380 |
| | 19-Jun | 13 | 16 | 2 | 31 | 2,927 | 14,067 | 0 | 0 | 0 | 0 | 17 | 140 |
| | 20-Jun | 11 | 13 | 0 | 0 | 1,842 | 8,910 | 0 | 0 | 0 | 0 | 30 | 225 |
| | 21-Jun | 13 | 17 | 0 | 0 | 3,363 | 16,506 | 0 | 0 | 0 | 0 | 28 | 234 |
| | 22-Jun | 14 | 17 | 0 | 0 | 3,410 | 15,911 | 0 | 0 | 0 | 0 | 65 | 523 |
| | 23-Jun | 16 | 23 | 0 | 0 | 4,931 | 23,634 | 0 | 0 | 0 | 0 | 67 | 540 |
| | 24-Jun | 16 | 21 | 0 | 0 | 3,728 | 18,159 | 1 | 5 | 2 | 7 | 93 | 690 |
| | 25-Jun | 12 | 14 | 0 | 0 | 2,246 | 10,830 | 0 | 0 | 0 | 0 | 57 | 472 |
| | 26-Jun | 16 | 21 | 3 | 41 | 3,664 | 17,255 | 0 | 0 | 0 | 0 | 64 | 495 |
| | 27-Jun | 16 | 17 | 0 | 0 | 3,103 | 14,938 | 0 | 0 | 0 | 0 | 60 | 502 |
| | 28-Jun | 12 | 18 | 0 | 0 | 3,526 | 17,299 | 0 | 0 | 0 | 0 | 138 | 1,026 |
| | 29-Jun | 15 | 19 | 1 | 6 | 3,501 | 17,312 | 0 | 0 | 0 | 0 | 113 | 953 |
| | 30-Jun | 13 | 18 | 0 | 0 | 3,600 | 17,600 | 0 | 0 | 7 | 29 | 84 | 689 |
| | 1-Jul | 15 | 18 | 1 | 9 | 4,482 | 21,744 | 0 | 0 | 13 | 46 | 134 | 1,091 |

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| Section | | | | CHINOOK | | SOCKEYE | | COHO | | PINK | | CHUM | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (Stat Area) | Date | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| MOSER BAY SECTION (Cont.) | | | | | | | | | | | | | |
| | 2-Jul | 12 | 22 | 0 | 0 | 4,194 | 21,179 | 0 | 0 | 5 | 19 | 120 | 1,014 |
| | 6-Jul | 9 | 10 | 1 | 14 | 2,367 | 11,732 | 13 | 51 | 22 | 87 | 86 | 697 |
| | 7-Jul | 14 | 17 | 0 | 0 | 3,035 | 15,201 | 104 | 535 | 18 | 61 | 110 | 841 |
| | 8-Jul | 11 | 16 | 0 | 0 | 2,651 | 12,665 | 4 | 36 | 19 | 64 | 110 | 858 |
| | 9-Jul | 11 | 13 | 0 | 0 | 1,818 | 8,598 | 0 | 0 | 38 | 145 | 62 | 481 |
| | 10-Jul | 13 | 17 | 0 | 0 | 1,322 | 6,430 | 0 | 0 | 33 | 120 | 67 | 524 |
| | 11-Jul | 13 | 16 | 0 | 0 | 1,754 | 8,897 | 1 | 8 | 59 | 230 | 96 | 770 |
| | 12-Jul | 14 | 17 | 0 | 0 | 2,222 | 11,015 | 1 | 7 | 116 | 447 | 138 | 1,105 |
| | 13-Jul | 11 | 16 | 0 | 0 | 1,791 | 8,798 | 0 | 0 | 94 | 391 | 76 | 676 |
| | 16-Jul | 12 | 14 | 0 | 0 | 3,970 | 20,786 | 3 | 21 | 610 | 2,268 | 83 | 633 |
| | 17-Jul | 13 | 18 | 0 | 0 | 4,054 | 19,980 | 0 | 0 | 685 | 2,434 | 83 | 637 |
| | 18-Jul | 13 | 20 | 0 | 0 | 2,046 | 10,409 | 0 | 0 | 356 | 1,354 | 41 | 310 |
| | 19-Jul | 13 | 19 | 0 | 0 | 1,827 | 9,142 | 0 | 0 | 481 | 1,802 | 58 | 479 |
| | 20-Jul | 13 | 18 | 0 | 0 | 2,592 | 13,142 | 2 | 17 | 864 | 3,230 | 53 | 399 |
| | 21-Jul | 12 | 19 | 0 | 0 | 3,316 | 16,398 | 56 | 274 | 1,065 | 3,887 | 50 | 394 |
| | 22-Jul | 11 | 19 | 0 | 0 | 3,563 | 17,867 | 2 | 17 | 1,311 | 5,228 | 57 | 457 |
| | 23-Jul | 11 | 14 | 0 | 0 | 2,479 | 12,466 | 0 | 0 | 1,254 | 5,313 | 45 | 349 |
| | 26-Jul | 11 | 11 | 0 | 0 | 1,654 | 8,903 | 0 | 0 | 2,663 | 10,241 | 48 | 362 |
| | 27-Jul | 15 | 22 | 0 | 0 | 2,480 | 13,162 | 1 | 4 | 3,760 | 14,382 | 54 | 401 |
| | 28-Jul | 15 | 19 | 0 | 0 | 1,442 | 7,695 | 3 | 19 | 2,973 | 11,239 | 54 | 453 |
| | 29-Jul | 14 | 19 | 0 | 0 | 1,806 | 9,656 | 11 | 71 | 3,128 | 12,767 | 31 | 259 |
| | 30-Jul | 13 | 22 | 0 | 0 | 3,406 | 18,100 | 5 | 39 | 7,712 | 30,425 | 57 | 453 |
| | 31-Jul | 13 | 19 | 0 | 0 | 2,765 | 15,016 | 10 | 83 | 5,641 | 22,984 | 46 | 375 |
| | 1-Aug | 12 | 22 | 0 | 0 | 6,319 | 34,055 | 5 | 38 | 9,576 | 38,664 | 55 | 473 |
| | 2-Aug | 9 | 10 | 0 | 0 | 3,435 | 18,792 | 1 | 5 | 4,594 | 18,142 | 9 | 75 |
| | 5-Aug | 12 | 16 | 0 | 0 | 2,002 | 10,754 | 13 | 90 | 4,874 | 18,807 | 44 | 348 |
| | 6-Aug | 14 | 24 | 1 | 8 | 3,910 | 21,051 | 10 | 81 | 8,764 | 35,189 | 71 | 566 |
| | 7-Aug | 15 | 26 | 0 | 0 | 4,674 | 25,962 | 30 | 243 | 10,236 | 41,707 | 49 | 409 |
| | 8-Aug | 15 | 28 | 0 | 0 | 4,226 | 23,072 | 27 | 211 | 9,412 | 37,302 | 42 | 316 |
| | 9-Aug | 15 | 27 | 0 | 0 | 4,103 | 22,275 | 37 | 325 | 9,162 | 35,714 | 54 | 465 |
| | 10-Aug | 14 | 26 | 0 | 0 | 3,592 | 19,399 | 35 | 314 | 7,318 | 29,459 | 43 | 356 |
| | 11-Aug | 14 | 18 | 0 | 0 | 1,867 | 10,404 | 41 | 336 | 5,504 | 21,297 | 27 | 223 |

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| Section | | | | CHINOOK | | SOCKEYE | | COHO | | PINK | | CHUM | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (Stat Area) | Date | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| MOSER BAY SECTION (Cont.) | | | | | | | | | | | | | |
| | 12-Aug | 12 | 19 | 0 | 0 | 1,394 | 7,939 | 39 | 408 | 3,580 | 14,193 | 19 | 160 |
| | 15-Aug | 14 | 21 | 1 | 16 | 6,294 | 34,727 | 64 | 651 | 6,582 | 25,977 | 43 | 316 |
| | 16-Aug | 15 | 23 | 0 | 0 | 4,139 | 24,418 | 110 | 1,087 | 7,938 | 32,140 | 62 | 491 |
| | 17-Aug | 15 | 26 | 0 | 0 | 4,145 | 22,902 | 131 | 1,140 | 7,897 | 30,925 | 36 | 303 |
| | 18-Aug | 15 | 20 | 0 | 0 | 3,489 | 19,292 | 58 | 572 | 6,033 | 23,941 | 40 | 338 |
| | 26-Aug | 14 | 18 | 0 | 0 | 2,638 | 14,223 | 335 | 3,216 | 2,977 | 12,063 | 62 | 498 |
| | 27-Aug | 16 | 27 | 1 | 16 | 4,258 | 23,228 | 329 | 3,135 | 5,576 | 22,317 | 78 | 580 |
| | 28-Aug | 14 | 25 | 1 | 7 | 6,095 | 32,253 | 347 | 2,807 | 4,648 | 17,552 | 63 | 492 |
| | 29-Aug | 15 | 24 | 0 | 0 | 7,079 | 37,967 | 224 | 2,127 | 2,961 | 12,085 | 32 | 257 |
| | 30-Aug | 13 | 19 | 0 | 0 | 6,660 | 35,668 | 211 | 2,308 | 2,874 | 11,127 | 56 | 432 |
| | 31-Aug | 15 | 25 | 0 | 0 | 5,999 | 32,176 | 220 | 2,156 | 1,979 | 7,560 | 34 | 254 |
| | 1-Sep | 12 | 23 | 1 | 5 | 3,253 | 18,204 | 194 | 1,874 | 1,126 | 4,307 | 32 | 305 |
| | 2-Sep | 15 | 23 | 0 | 0 | 4,056 | 21,667 | 334 | 3,250 | 633 | 2,428 | 34 | 269 |
| | 3-Sep | 12 | 21 | 0 | 0 | 6,432 | 34,297 | 209 | 2,104 | 166 | 569 | 20 | 169 |
| | 4-Sep | 16 | 25 | 0 | 0 | 5,791 | 32,251 | 286 | 2,790 | 895 | 3,356 | 38 | 309 |
| | 5-Sep | 11 | 19 | 0 | 0 | 3,620 | 19,827 | 233 | 2,115 | 411 | 1,560 | 23 | 193 |
| | 6-Sep | 11 | 17 | 0 | 0 | 2,080 | 11,536 | 235 | 2,304 | 333 | 1,228 | 129 | 773 |
| | 7-Sep | 11 | 15 | 0 | 0 | 1,465 | 8,191 | 181 | 1,704 | 124 | 485 | 20 | 166 |
| | 8-Sep | 9 | 14 | 0 | 0 | 1,011 | 5,710 | 167 | 1,596 | 56 | 217 | 13 | 144 |
| | 9-Sep | 11 | 16 | 0 | 0 | 1,190 | 6,396 | 112 | 1,009 | 45 | 166 | 9 | 67 |
| | 10-Sep | 10 | 12 | 0 | 0 | 588 | 3,238 | 37 | 316 | 21 | 76 | 7 | 46 |
| | 11-Sep | 5 | 6 | 0 | 0 | 510 | 2,778 | 12 | 110 | 14 | 52 | 5 | 35 |
| | 12-Sep | 4 | 5 | 0 | 0 | 643 | 3,822 | 13 | 135 | 0 | 0 | 2 | 18 |
| | 13-Sep | * | * | * | * | * | * | * | * | * | * | * | * |
| | 14-Sep | * | * | * | * | * | * | * | * | * | * | * | * |
| | 15-Sep | * | * | * | * | * | * | * | * | * | * | * | * |
| | 16-Sep | * | * | * | * | * | * | * | * | * | * | * | * |
| | TOTAL | 39 | 1,448 | 16 | 202 | 275,517 | 1,410,387 | 4,607 | 42,837 | 159,238 | 629,805 | 3,929 | 31,160 |
| | Avg. Wt. | | | | 12.63 | | 5.12 | | 9.30 | | 3.96 | | 7.93 |

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| Section | | | | CHINOOK | | SOCKEYE | | COHO | | PINK | | CHUM | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (Stat Area) | Date | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| HUMPY/DEADMAN SECTION (257-50,60,70) | | | | | | | | | | | | | |
| | 7-Jun | * | * | * | * | * | * | * | * | * | * | * | * |
| | 8-Jun | * | * | * | * | * | * | * | * | * | * | * | * |
| | 9-Jun | * | * | * | * | * | * | * | * | * | * | * | * |
| | 21-Jun | * | * | * | * | * | * | * | * | * | * | * | * |
| | 22-Jun | * | * | * | * | * | * | * | * | * | * | * | * |
| | 23-Jun | * | * | * | * | * | * | * | * | * | * | * | * |
| | 24-Jun | * | * | * | * | * | * | * | * | * | * | * | * |
| | 25-Jun | * | * | * | * | * | * | * | * | * | * | * | * |
| | 6-Jul | * | * | * | * | * | * | * | * | * | * | * | * |
| | 7-Jul | * | * | * | * | * | * | * | * | * | * | * | * |
| | 8-Jul | * | * | * | * | * | * | * | * | * | * | * | * |
| | 9-Jul | * | * | * | * | * | * | * | * | * | * | * | * |
| | 10-Jul | * | * | * | * | * | * | * | * | * | * | * | * |
| | 12-Jul | * | * | * | * | * | * | * | * | * | * | * | * |
| | 16-Jul | * | * | * | * | * | * | * | * | * | * | * | * |
| | 17-Jul | * | * | * | * | * | * | * | * | * | * | * | * |
| | 18-Jul | * | * | * | * | * | * | * | * | * | * | * | * |
| | 19-Jul | * | * | * | * | * | * | * | * | * | * | * | * |
| | 20-Jul | * | * | * | * | * | * | * | * | * | * | * | * |
| | 27-Jul | * | * | * | * | * | * | * | * | * | * | * | * |
| | 28-Jul | * | * | * | * | * | * | * | * | * | * | * | * |
| | 29-Jul | * | * | * | * | * | * | * | * | * | * | * | * |
| | 30-Jul | * | * | * | * | * | * | * | * | * | * | * | * |
| | 1-Aug | 9 | 9 | 4 | 123 | 425 | 2,304 | 8 | 67 | 22,726 | 85,548 | 115 | 982 |
| | 2-Aug | 4 | 4 | 0 | 0 | 218 | 1,161 | 4 | 31 | 12,347 | 45,563 | 62 | 523 |
| | 3-Aug | 5 | 5 | 2 | 41 | 275 | 1,248 | 13 | 79 | 23,467 | 85,780 | 90 | 663 |
| | 4-Aug | 6 | 6 | 1 | 28 | 137 | 614 | 29 | 262 | 18,356 | 55,070 | 100 | 732 |
| | 5-Aug | * | * | * | * | * | * | * | * | * | * | * | * |
| | 8-Aug | * | * | * | * | * | * | * | * | * | * | * | * |
| | 13-Aug | * | * | * | * | * | * | * | * | * | * | * | * |
| | 14-Aug | * | * | * | * | * | * | * | * | * | * | * | * |
| | 15-Aug | * | * | * | * | * | * | * | * | * | * | * | * |

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| Section | | | | CHINOOK | | SOCKEYE | | COHO | | PINK | | CHUM | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (Stat Area) | Date | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| HUMPY/DEADMAN SECTION (Cont.) | | | | | | | | | | | | | |
| | 21-Aug | * | * | * | * | * | * | * | * | * | * | * | * |
| | 24-Aug | 4 | 4 | 0 | 0 | 128 | 714 | 251 | 2,154 | 3,656 | 12,802 | 2,430 | 18,242 |
| | 25-Aug | * | * | * | * | * | * | * | * | * | * | * | * |
| | 28-Aug | * | * | * | * | * | * | * | * | * | * | * | * |
| | 3-Sep | * | * | * | * | * | * | * | * | * | * | * | * |
| | TOTAL | 18 | 78 | 51 | 860 | 42,519 | 206,964 | 894 | 7,405 | 150,250 | 511,483 | 5,508 | 41,778 |
| | Avg. Wt. | | | | 16.86 | | 4.87 | | 8.28 | | 3.40 | | 7.58 |
| ALITAK DISTRICT (257-10-70) | | | | | | | | | | | | | |
| | 5-Jun | 32 | 34 | 1 | 25 | 16,041 | 75,864 | 0 | 0 | 0 | 0 | 2 | 16 |
| | 6-Jun | 40 | 54 | 113 | 2,058 | 24,931 | 121,318 | 0 | 0 | 2 | 14 | 314 | 3,192 |
| | 7-Jun | 39 | 53 | 40 | 648 | 12,521 | 61,175 | 0 | 0 | 0 | 0 | 185 | 1,769 |
| | 8-Jun | 41 | 49 | 64 | 1,079 | 18,178 | 88,142 | 0 | 0 | 47 | 95 | 344 | 2,988 |
| | 9-Jun | 37 | 47 | 28 | 186 | 12,466 | 57,533 | 0 | 0 | 0 | 0 | 53 | 381 |
| | 10-Jun | 45 | 53 | 36 | 606 | 26,001 | 122,348 | 0 | 0 | 0 | 0 | 161 | 1,108 |
| | 11-Jun | 30 | 38 | 18 | 222 | 18,920 | 92,072 | 0 | 0 | 0 | 0 | 95 | 719 |
| | 12-Jun | 38 | 53 | 40 | 787 | 28,057 | 135,399 | 0 | 0 | 4 | 10 | 109 | 966 |
| | 13-Jun | 47 | 56 | 85 | 1,507 | 19,242 | 94,673 | 0 | 0 | 0 | 0 | 119 | 1,058 |
| | 16-Jun | 46 | 48 | 45 | 803 | 25,931 | 124,294 | 0 | 0 | 22 | 60 | 357 | 2,820 |
| | 17-Jun | 42 | 53 | 26 | 551 | 22,270 | 108,282 | 0 | 0 | 8 | 25 | 262 | 1,810 |
| | 18-Jun | 40 | 51 | 13 | 302 | 16,073 | 77,496 | 0 | 0 | 1 | 4 | 228 | 1,839 |
| | 19-Jun | 51 | 68 | 35 | 606 | 24,655 | 117,908 | 0 | 0 | 18 | 60 | 739 | 5,477 |
| | 20-Jun | 48 | 58 | 54 | 1,002 | 22,398 | 111,188 | 0 | 0 | 32 | 88 | 548 | 4,093 |
| | 21-Jun | 44 | 59 | 20 | 371 | 18,686 | 93,798 | 1 | 6 | 57 | 153 | 557 | 3,947 |
| | 22-Jun | 43 | 58 | 26 | 433 | 17,564 | 82,587 | 0 | 0 | 21 | 74 | 488 | 3,455 |
| | 23-Jun | 48 | 62 | 49 | 747 | 23,679 | 107,024 | 0 | 0 | 98 | 290 | 1,173 | 8,276 |
| | 24-Jun | 50 | 65 | 27 | 503 | 24,997 | 114,731 | 1 | 5 | 135 | 419 | 810 | 5,859 |
| | 25-Jun | 47 | 65 | 27 | 475 | 22,364 | 103,654 | 0 | 0 | 125 | 336 | 654 | 4,810 |
| | 26-Jun | 46 | 62 | 10 | 154 | 12,772 | 60,341 | 0 | 0 | 11 | 33 | 328 | 2,512 |
| | 27-Jun | 55 | 66 | 17 | 245 | 16,982 | 77,708 | 0 | 0 | 62 | 217 | 516 | 3,794 |
| | 28-Jun | 44 | 61 | 5 | 66 | 17,353 | 84,645 | 4 | 22 | 53 | 127 | 542 | 4,192 |
| | 29-Jun | 48 | 63 | 11 | 199 | 25,554 | 122,818 | 2 | 10 | 231 | 500 | 862 | 6,434 |
| | 30-Jun | 43 | 58 | 3 | 55 | 14,775 | 74,353 | 3 | 21 | 132 | 413 | 427 | 3,379 |

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| Section | | | | CHINOOK | | SOCKEYE | | COHO | | PINK | | CHUM | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (Stat Area) | Date | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| ALITAK DISTRICT (Cont.) | | | | | | | | | | | | | |
| | 1-Jul | 47 | 57 | 10 | 243 | 23,548 | 119,171 | 5 | 29 | 274 | 927 | 852 | 6,782 |
| | 2-Jul | 44 | 67 | 15 | 222 | 17,193 | 87,683 | 7 | 50 | 284 | 999 | 738 | 5,892 |
| | 3-Jul | * | * | * | * | * | * | * | * | * | * | * | * |
| | 4-Jul | * | * | * | * | * | * | * | * | * | * | * | * |
| | 5-Jul | * | * | * | * | * | * | * | * | * | * | * | * |
| | 6-Jul | 33 | 42 | 9 | 113 | 12,771 | 63,049 | 42 | 317 | 427 | 1,334 | 664 | 5,346 |
| | 7-Jul | 46 | 71 | 8 | 134 | 16,189 | 79,992 | 291 | 1,527 | 1,902 | 5,893 | 962 | 7,935 |
| | 8-Jul | 52 | 86 | 43 | 902 | 23,820 | 118,799 | 75 | 572 | 5,253 | 15,860 | 1,836 | 14,984 |
| | 9-Jul | 39 | 50 | 7 | 122 | 9,520 | 47,922 | 15 | 103 | 1,739 | 5,396 | 573 | 4,673 |
| | 10-Jul | 50 | 68 | 36 | 755 | 20,956 | 113,935 | 67 | 502 | 6,432 | 19,506 | 987 | 7,799 |
| | 11-Jul | 43 | 58 | 22 | 473 | 12,818 | 67,477 | 55 | 333 | 2,918 | 8,925 | 556 | 4,708 |
| | 12-Jul | 46 | 58 | 1 | 26 | 11,876 | 62,166 | 20 | 147 | 2,478 | 7,749 | 572 | 4,327 |
| | 13-Jul | 35 | 46 | 1 | 17 | 10,196 | 53,208 | 20 | 126 | 2,970 | 9,375 | 593 | 4,550 |
| | 16-Jul | 37 | 52 | 6 | 136 | 25,345 | 126,811 | 296 | 2,102 | 20,737 | 64,679 | 1,456 | 11,643 |
| | 17-Jul | 51 | 79 | 13 | 247 | 21,965 | 109,722 | 25 | 170 | 22,483 | 68,897 | 1,887 | 15,444 |
| | 18-Jul | 47 | 69 | 20 | 414 | 17,921 | 89,426 | 65 | 460 | 27,797 | 85,342 | 935 | 7,638 |
| | 19-Jul | 43 | 55 | 8 | 220 | 9,585 | 48,775 | 930 | 3,030 | 10,055 | 32,339 | 517 | 4,060 |
| | 20-Jul | 44 | 57 | 16 | 384 | 10,190 | 52,392 | 81 | 575 | 11,378 | 36,170 | 663 | 4,402 |
| | 21-Jul | 45 | 63 | 21 | 488 | 11,408 | 55,606 | 271 | 1,500 | 15,085 | 47,437 | 813 | 6,471 |
| | 22-Jul | 41 | 58 | 3 | 58 | 9,091 | 46,791 | 85 | 502 | 8,392 | 27,935 | 390 | 3,043 |
| | 23-Jul | 40 | 47 | 8 | 205 | 8,327 | 43,255 | 13 | 91 | 12,374 | 40,244 | 372 | 2,841 |
| | 26-Jul | 33 | 35 | 12 | 214 | 7,892 | 39,962 | 21 | 177 | 31,001 | 124,136 | 486 | 3,329 |
| | 27-Jul | 50 | 71 | 11 | 237 | 19,068 | 98,332 | 84 | 675 | 88,520 | 309,876 | 1,214 | 9,343 |
| | 28-Jul | 51 | 73 | 31 | 569 | 14,009 | 77,697 | 84 | 661 | 73,434 | 234,076 | 843 | 6,164 |
| | 29-Jul | 45 | 66 | 28 | 700 | 10,755 | 56,640 | 44 | 337 | 59,452 | 214,014 | 626 | 4,976 |
| | 30-Jul | 45 | 71 | 44 | 895 | 13,853 | 73,438 | 182 | 1,437 | 68,400 | 257,735 | 648 | 5,129 |
| | 31-Jul | 46 | 65 | 27 | 748 | 8,767 | 46,641 | 125 | 992 | 28,089 | 107,388 | 335 | 2,552 |
| | 1-Aug | 44 | 63 | 26 | 645 | 14,063 | 75,335 | 158 | 1,267 | 54,385 | 218,704 | 372 | 3,114 |
| | 2-Aug | 31 | 39 | 0 | 0 | 7,661 | 41,380 | 135 | 763 | 22,264 | 84,559 | 117 | 935 |
| | 3-Aug | 5 | 5 | 2 | 41 | 275 | 1,248 | 13 | 79 | 23,467 | 85,780 | 90 | 663 |
| | 4-Aug | 6 | 6 | 1 | 28 | 137 | 614 | 29 | 262 | 18,356 | 55,070 | 100 | 732 |
| | 5-Aug | 35 | 45 | 0 | 0 | 8,976 | 50,901 | 485 | 3,000 | 38,307 | 145,940 | 239 | 1,921 |

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**Table 16.-**(Page 15 of 16)

| Section | | | | CHINOOK | | SOCKEYE | | COHO | | PINK | | CHUM | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (Stat Area) | Date | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| ALITAK DISTRICT (Cont.) | | | | | | | | | | | | | |
| | 6-Aug | 49 | 74 | 8 | 170 | 23,819 | 120,068 | 199 | 1,869 | 90,176 | 304,173 | 400 | 3,125 |
| | 7-Aug | 49 | 74 | 17 | 394 | 17,123 | 87,101 | 229 | 1,777 | 80,664 | 275,416 | 266 | 2,146 |
| | 8-Aug | 46 | 69 | 3 | 63 | 15,291 | 77,441 | 102 | 849 | 82,697 | 278,630 | 228 | 1,839 |
| | 9-Aug | 48 | 69 | 2 | 45 | 14,190 | 72,653 | 145 | 1,361 | 55,380 | 189,610 | 271 | 2,169 |
| | 10-Aug | 44 | 68 | 11 | 261 | 16,496 | 83,793 | 162 | 1,538 | 77,082 | 262,376 | 262 | 2,181 |
| | 11-Aug | 45 | 57 | 13 | 237 | 12,429 | 62,074 | 305 | 2,890 | 72,440 | 248,930 | 225 | 1,741 |
| | 12-Aug | 39 | 49 | 6 | 93 | 7,780 | 38,816 | 205 | 1,801 | 53,118 | 173,348 | 146 | 1,143 |
| | 13-Aug | * | * | * | * | * | * | * | * | * | * | * | * |
| | 14-Aug | * | * | * | * | * | * | * | * | * | * | * | * |
| | 15-Aug | 36 | 56 | 1 | 16 | 11,709 | 63,966 | 171 | 1,631 | 26,472 | 93,343 | 171 | 1,320 |
| | 16-Aug | 47 | 70 | 7 | 140 | 13,414 | 73,190 | 369 | 3,778 | 54,691 | 181,201 | 343 | 2,590 |
| | 17-Aug | 44 | 64 | 11 | 212 | 12,148 | 65,075 | 390 | 3,475 | 61,079 | 203,607 | 519 | 3,316 |
| | 18-Aug | 45 | 57 | 4 | 71 | 10,156 | 54,929 | 251 | 2,525 | 25,121 | 86,044 | 159 | 1,247 |
| | 21-Aug | * | * | * | * | * | * | * | * | * | * | * | * |
| | 24-Aug | 4 | 4 | 0 | 0 | 128 | 714 | 251 | 2,154 | 3,656 | 12,802 | 2,430 | 18,242 |
| | 25-Aug | * | * | * | * | * | * | * | * | * | * | * | * |
| | 26-Aug | 29 | 35 | 0 | 0 | 5,212 | 28,252 | 549 | 5,234 | 5,676 | 22,134 | 162 | 1,333 |
| | 27-Aug | 35 | 58 | 1 | 16 | 8,358 | 45,678 | 646 | 6,062 | 10,975 | 41,851 | 297 | 2,385 |
| | 28-Aug | 32 | 50 | 2 | 27 | 11,710 | 62,632 | 794 | 6,648 | 14,479 | 49,913 | 696 | 5,565 |
| | 29-Aug | 33 | 52 | 0 | 0 | 14,657 | 78,106 | 915 | 8,000 | 8,428 | 30,718 | 166 | 1,318 |
| | 30-Aug | 28 | 44 | 0 | 0 | 11,743 | 63,822 | 392 | 4,055 | 4,815 | 18,859 | 135 | 1,078 |
| | 31-Aug | 31 | 47 | 2 | 37 | 14,305 | 77,557 | 1,006 | 9,067 | 9,614 | 34,864 | 202 | 1,549 |
| | 1-Sep | 27 | 48 | 1 | 5 | 12,562 | 66,834 | 977 | 8,332 | 8,879 | 28,563 | 154 | 1,290 |
| | 2-Sep | 26 | 42 | 0 | 0 | 7,518 | 41,265 | 498 | 4,875 | 1,051 | 4,072 | 91 | 723 |
| | 3-Sep | 27 | 43 | 1 | 7 | 11,595 | 61,580 | 494 | 4,715 | 586 | 2,153 | 85 | 668 |
| | 4-Sep | 27 | 45 | 0 | 0 | 9,145 | 51,261 | 454 | 4,399 | 1,248 | 4,726 | 87 | 719 |
| | 5-Sep | 26 | 41 | 0 | 0 | 7,180 | 39,534 | 475 | 4,239 | 759 | 2,900 | 79 | 655 |
| | 6-Sep | 25 | 40 | 0 | 0 | 5,041 | 27,778 | 1,040 | 9,272 | 506 | 2,030 | 174 | 1,113 |
| | 7-Sep | 23 | 33 | 0 | 0 | 3,033 | 16,990 | 298 | 2,871 | 236 | 924 | 44 | 351 |
| | 8-Sep | 21 | 31 | 0 | 0 | 2,949 | 16,582 | 242 | 2,342 | 94 | 343 | 21 | 203 |
| | 9-Sep | 19 | 29 | 0 | 0 | 3,444 | 18,981 | 167 | 1,510 | 67 | 243 | 18 | 132 |
| | 10-Sep | 20 | 27 | 0 | 0 | 2,837 | 15,748 | 102 | 903 | 42 | 144 | 21 | 150 |

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**Table 16.-**(Page 16 of 16)

| Section | | | | CHINOOK | | SOCKEYE | | COHO | | PINK | | CHUM | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (Stat Area) | Date | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| ALITAK DISTRICT (Cont.) | | | | | | | | | | | | | |
| | 11-Sep | 12 | 16 | 0 | 0 | 2,279 | 13,426 | 40 | 343 | 27 | 104 | 9 | 71 |
| | 12-Sep | 10 | 13 | 0 | 0 | 1,366 | 8,042 | 33 | 322 | 0 | 0 | 2 | 18 |
| | 13-Sep | 9 | 12 | 0 | 0 | 2,557 | 14,048 | 115 | 1,018 | 1 | 3 | 7 | 42 |
| | 14-Sep | 7 | 9 | 0 | 0 | 1,231 | 7,228 | 60 | 599 | 0 | 0 | 11 | 77 |
| | 15-Sep | 4 | 4 | 0 | 0 | 435 | 2,594 | 19 | 175 | 0 | 0 | 0 | 0 |
| | 16-Sep | 4 | 4 | 0 | 0 | 386 | 2,276 | 8 | 70 | 0 | 0 | 2 | 16 |
| | TOTAL | 103 | 4,403 | 1,316 | 24,774 | 1,156,539 | 5,825,544 | 15,897 | 133,051 | 1,420,188 | 4,905,090 | 38,348 | 297,974 |
| | Avg. Wt. | | | | 18.80 | | 5.04 | | 8.37 | | 3.45 | | 7.77 |



*=Confidential information

**Table 17.-**Salmon harvest, by gear and species, for the Alitak Bay District of the Kodiak Management Area, 2004.

| | | | CHINOOK | | SOCKEYE | | COHO | | PINK | | CHUM | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Gear | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| EARLY RUN 6/1 - 7/15 | | | | | | | | | | | | |
| Purse Seine Total | 30 | 264 | 902 | 15,922 | 275,258 | 1,329,964 | 186 | 1,456 | 23,183 | 69,425 | 10,914 | 81,702 |
| Avg. Wt. | | | | 17.65 | | 4.83 | | 7.83 | | 2.99 | | 7.49 |
| Avg. Price | | | | $0.63 | | $0.53 | | $0.00 | | $0.07 | | $0.06 |
| Set Gillnet Total | 65 | 1,681 | 43 | 715 | 366,394 | 1,794,320 | 422 | 2,314 | 2,553 | 9,457 | 7,292 | 60,188 |
| Avg. Wt. | | | | 16.63 | | 4.90 | | 5.48 | | 3.70 | | 8.25 |
| Avg. Price | | | | $0.61 | | $0.55 | | $0.53 | | $0.06 | | $0.06 |
| Early Run Total | 95 | 1,945 | 945 | 16,637 | 641,652 | 3,124,284 | 608 | 3,770 | 25,736 | 78,882 | 18,206 | 141,890 |
| Avg. Wt. | | | | 17.61 | | 4.87 | | 6.20 | | 3.07 | | 7.79 |
| Avg. Price | | | | $0.63 | | $0.54 | | $0.53 | | $0.06 | | $0.06 |
| LATE RUN 7/16 - 10/31 | | | | | | | | | | | | |
| Purse Seine Total | 22 | 339 | 361 | 7,995 | 172,870 | 854,933 | 7,180 | 55,614 | 1,052,144 | 3,471,178 | 12,190 | 92,795 |
| Avg. Wt. | | | | 22.15 | | 4.95 | | 7.75 | | 3.30 | | 7.61 |
| Avg. Price | | | | $0.65 | | $0.53 | | $0.20 | | $0.06 | | $0.05 |
| Set Gillnet Total | 67 | 2,119 | 10 | 142 | 342,017 | 1,846,327 | 8,109 | 73,667 | 342,308 | 1,355,030 | 7,952 | 63,289 |
| Avg. Wt. | | | | 14.20 | | 5.40 | | 9.08 | | 3.96 | | 7.96 |
| Avg. Price | | | | $0.41 | | $0.56 | | $0.22 | | $0.06 | | $0.06 |
| Late Run Total | 89 | 2,458 | 371 | 8,137 | 514,887 | 2,701,260 | 15,289 | 129,281 | 1,394,452 | 4,826,208 | 20,142 | 156,084 |
| Avg. Wt. | | | | 21.93 | | 5.25 | | 8.46 | | 3.46 | | 7.75 |
| Avg. Price | | | | $0.65 | | $0.55 | | $0.21 | | $0.06 | | $0.05 |

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**Table 17.-**(Page 2 of 2)

| Gear | Permits | Landings | CHINOOK | | SOCKEYE | | COHO | | PINK | | CHUM | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| SEASON TOTAL 6/1 - 10/31 | | | | | | | | | | | | |
| Purse Seine Total | 32 | 603 | 1,263 | 23,917 | 448,128 | 2,184,897 | 7,366 | 57,070 | 1,075,327 | 3,540,603 | 23,104 | 174,497 |
| Avg. Wt. | | | | 18.94 | | 4.88 | | 7.75 | | 3.29 | | 7.55 |
| Avg. Price | | | | $0.64 | | $0.53 | | $0.20 | | $0.06 | | $0.05 |
| Set Gillnet Total | 71 | 3,800 | 53 | 857 | 708,411 | 3,640,647 | 8,531 | 75,981 | 344,861 | 1,364,487 | 15,244 | 123,477 |
| Avg. Wt. | | | | 16.17 | | 5.14 | | 8.91 | | 3.96 | | 8.10 |
| Avg. Price | | | | $0.51 | | $0.55 | | $0.22 | | $0.06 | | $0.06 |
| Entire Season Total | 103 | 4,403 | 1,316 | 24,774 | 1,156,539 | 5,825,544 | 15,897 | 133,051 | 1,420,188 | 4,905,090 | 38,348 | 297,974 |
| Avg. Wt. | | | | 18.83 | | 5.04 | | 8.37 | | 3.45 | | 7.77 |
| Avg. Price | | | | $0.64 | | $0.54 | | $0.21 | | $0.06 | | $0.06 |

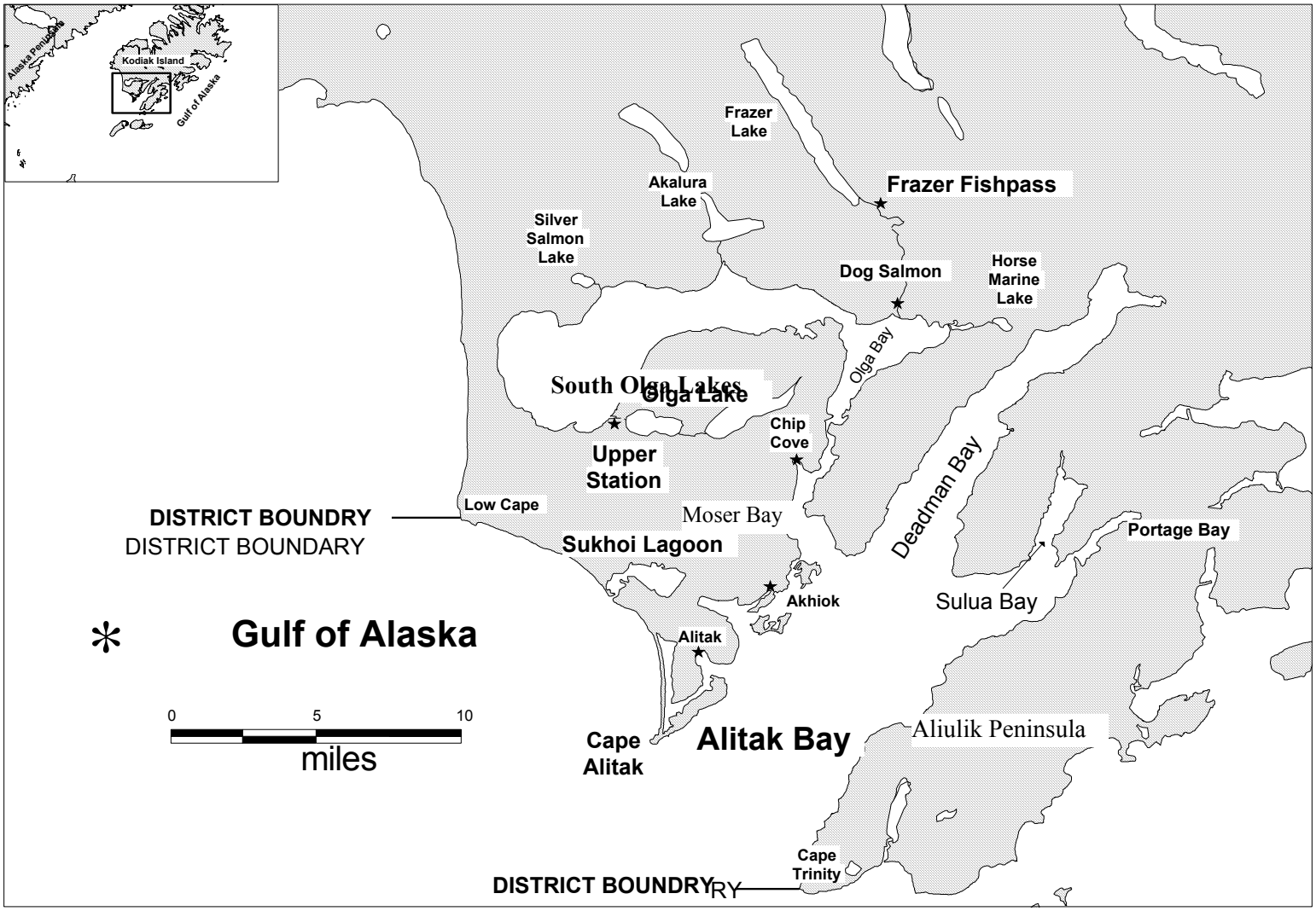



**Figure 1.-**Map of the Alitak Bay commercial salmon fishing district and sockeye salmon producing systems.

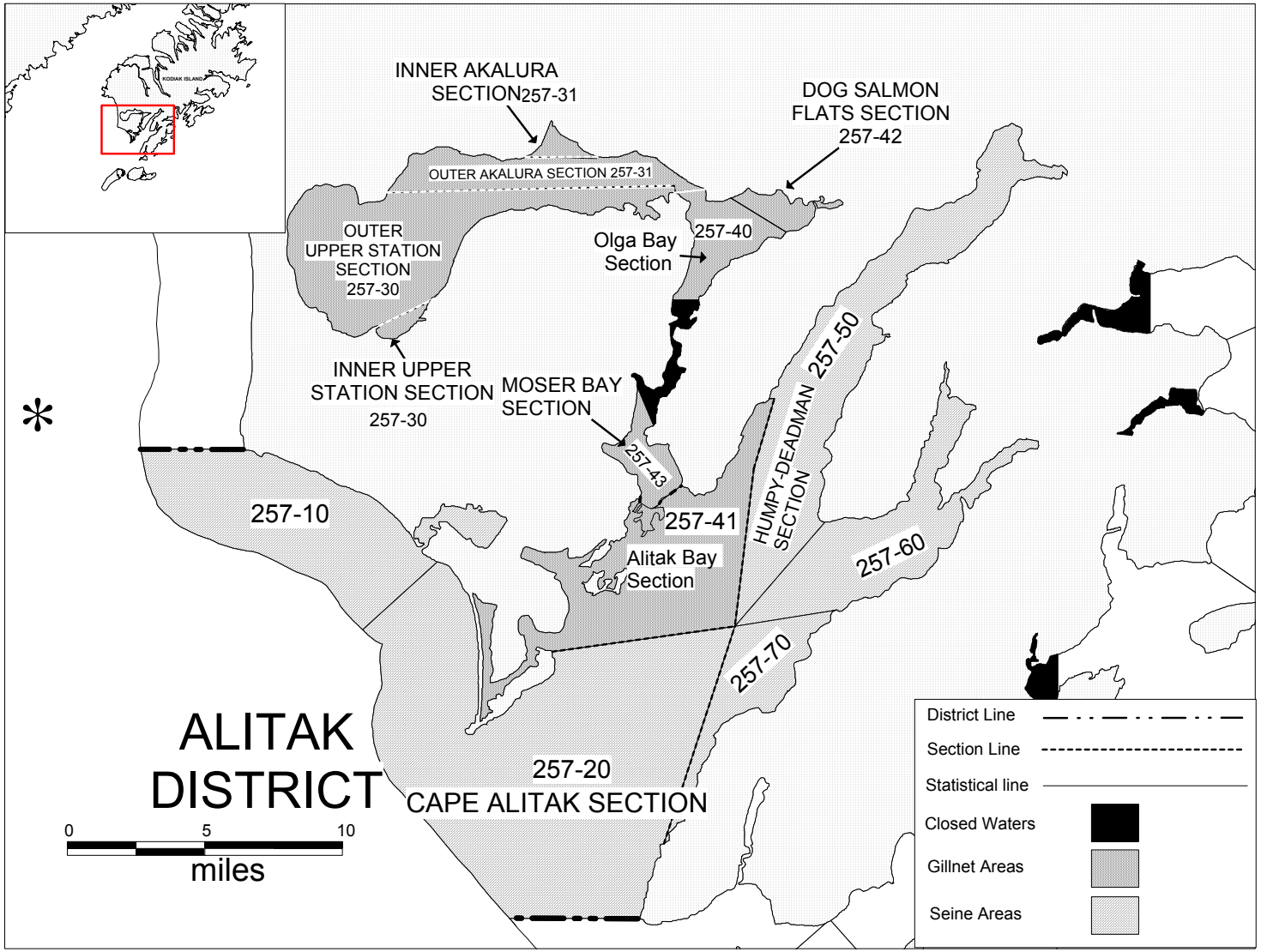



**Figure 2.-**Map of the Alitak Bay District with exclusive seine and gillnet fishing areas identified.

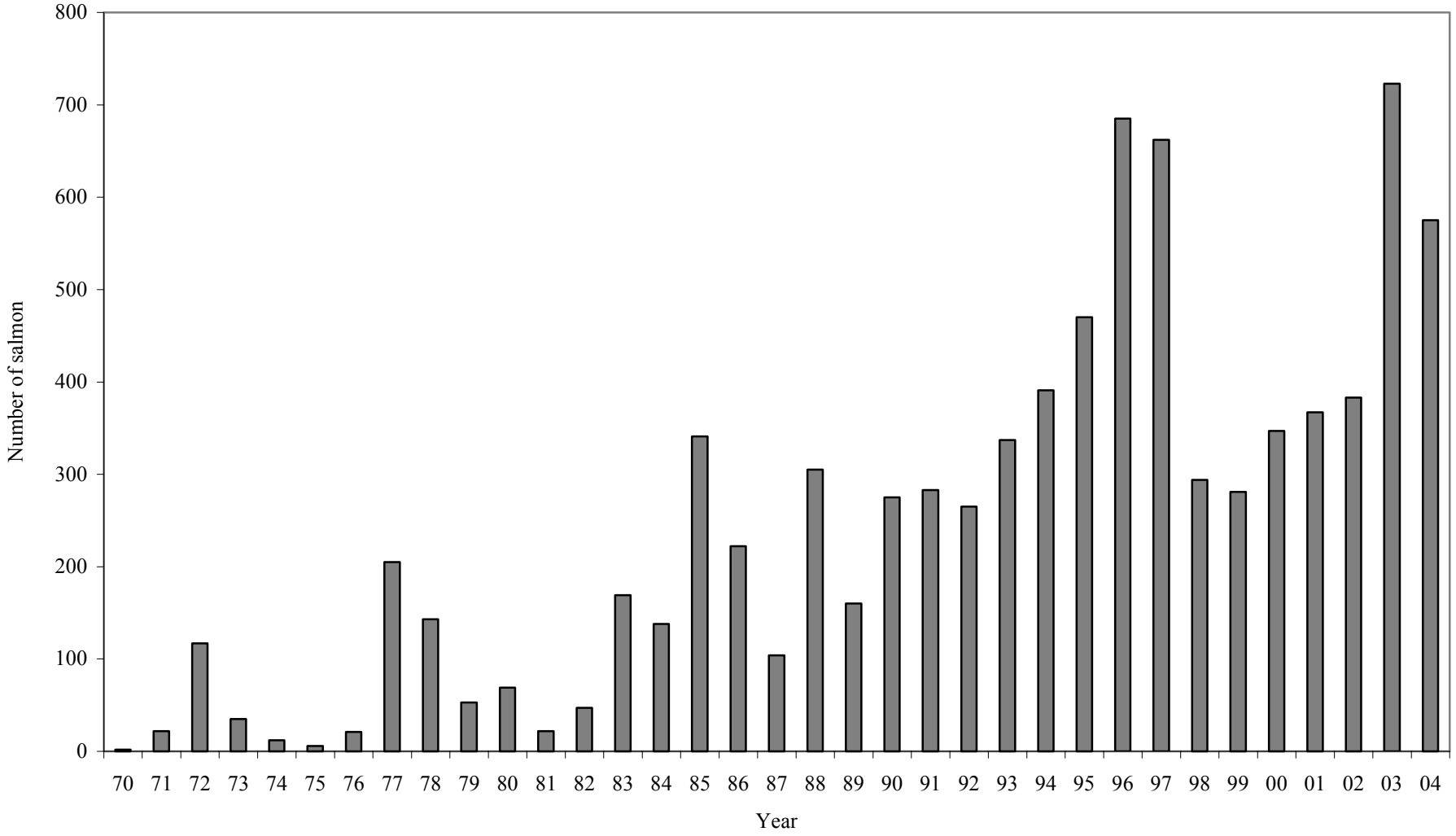



**Figure 3.-**Chinook salmon escapement for the Alitak Bay District, 1970 to 2004.

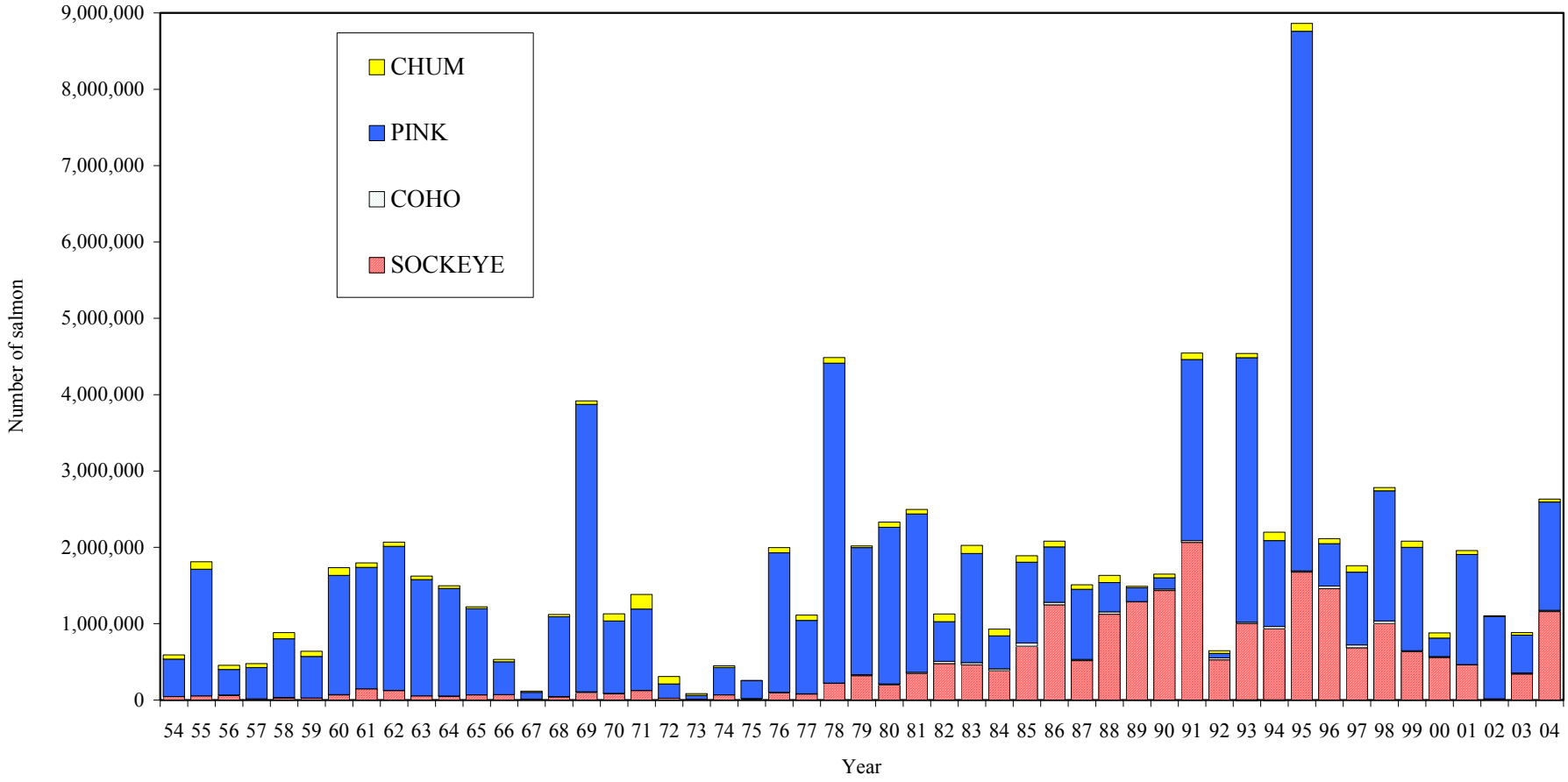
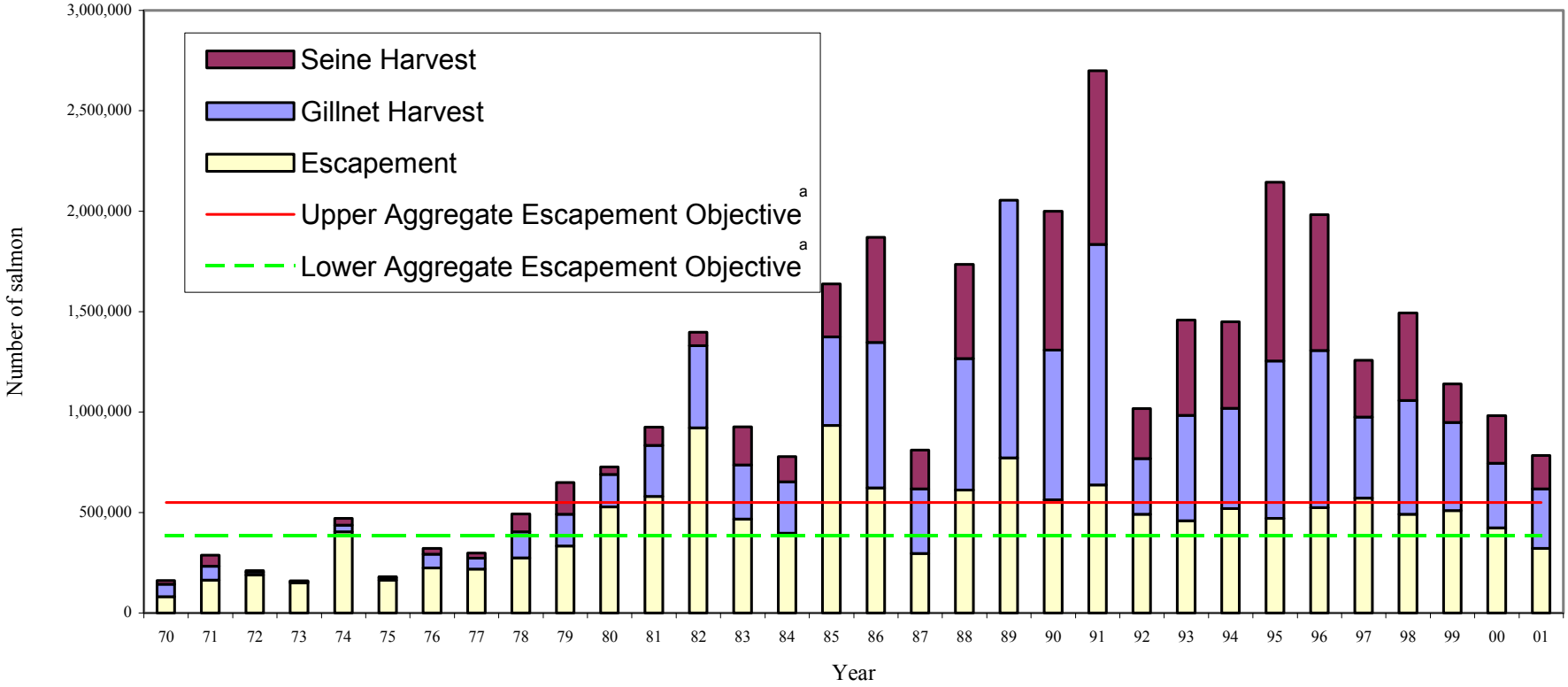
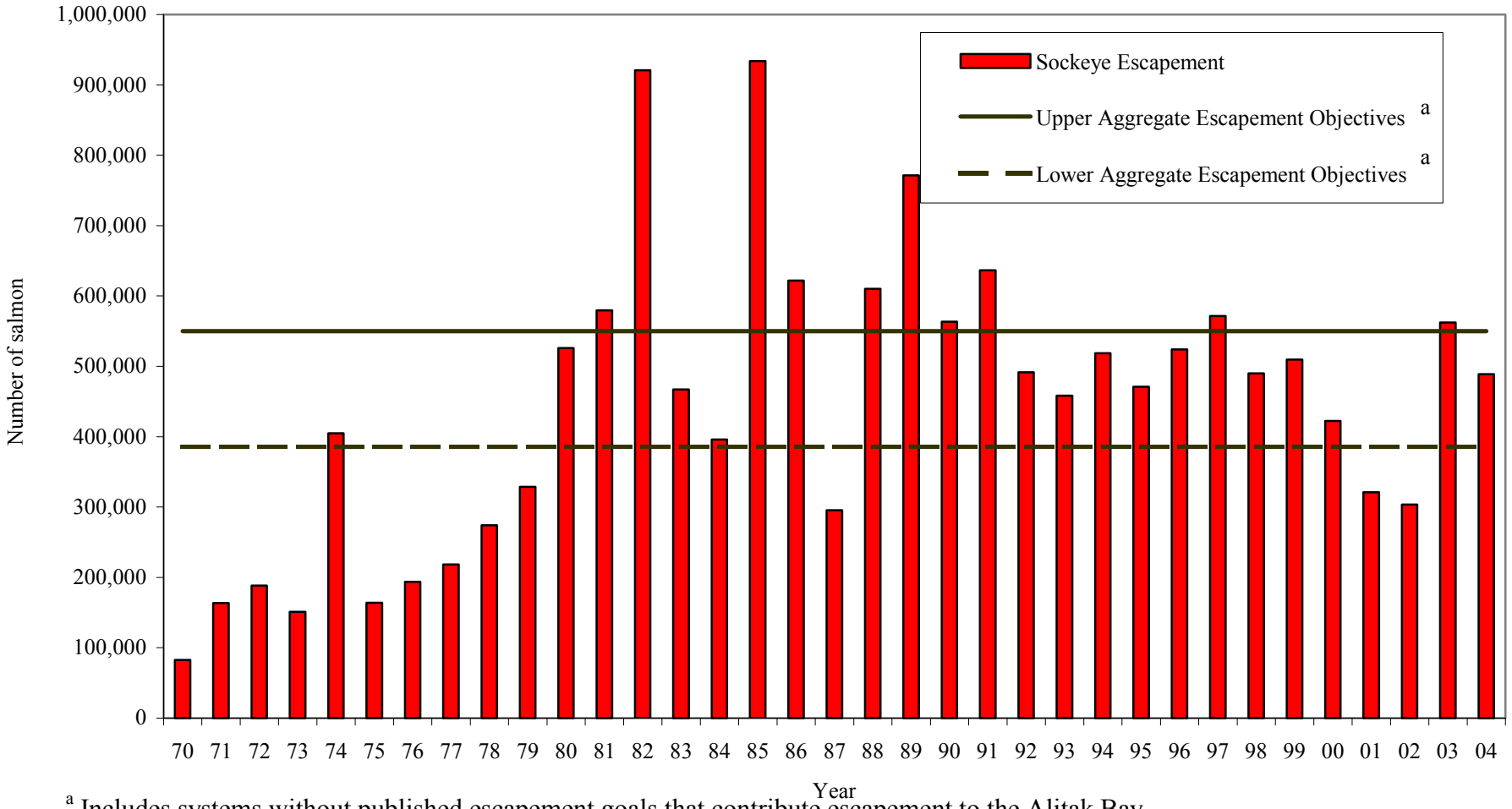



**Figure 4.-**Annual commercial salmon harvest, by species, all gear combined, for the Alitak Bay District, of the Kodiak Management Area, 1954 to 2004.




[a] Includes systems without published escapement goals that contribute escapement to the Alitak Bay District.

**Figure 5**.-Sockeye salmon commercial catch and escapement from the Alitak Bay District, of the Kodiak Management Area, 1970 to 2004.




[a] Includes systems without published escapement goals that contribute escapement to the Alitak Bay

**Figure 6.-**Sockeye salmon escapement and current aggregate escapement management objectives for the Alitak Bay District, 1970 to 2004.

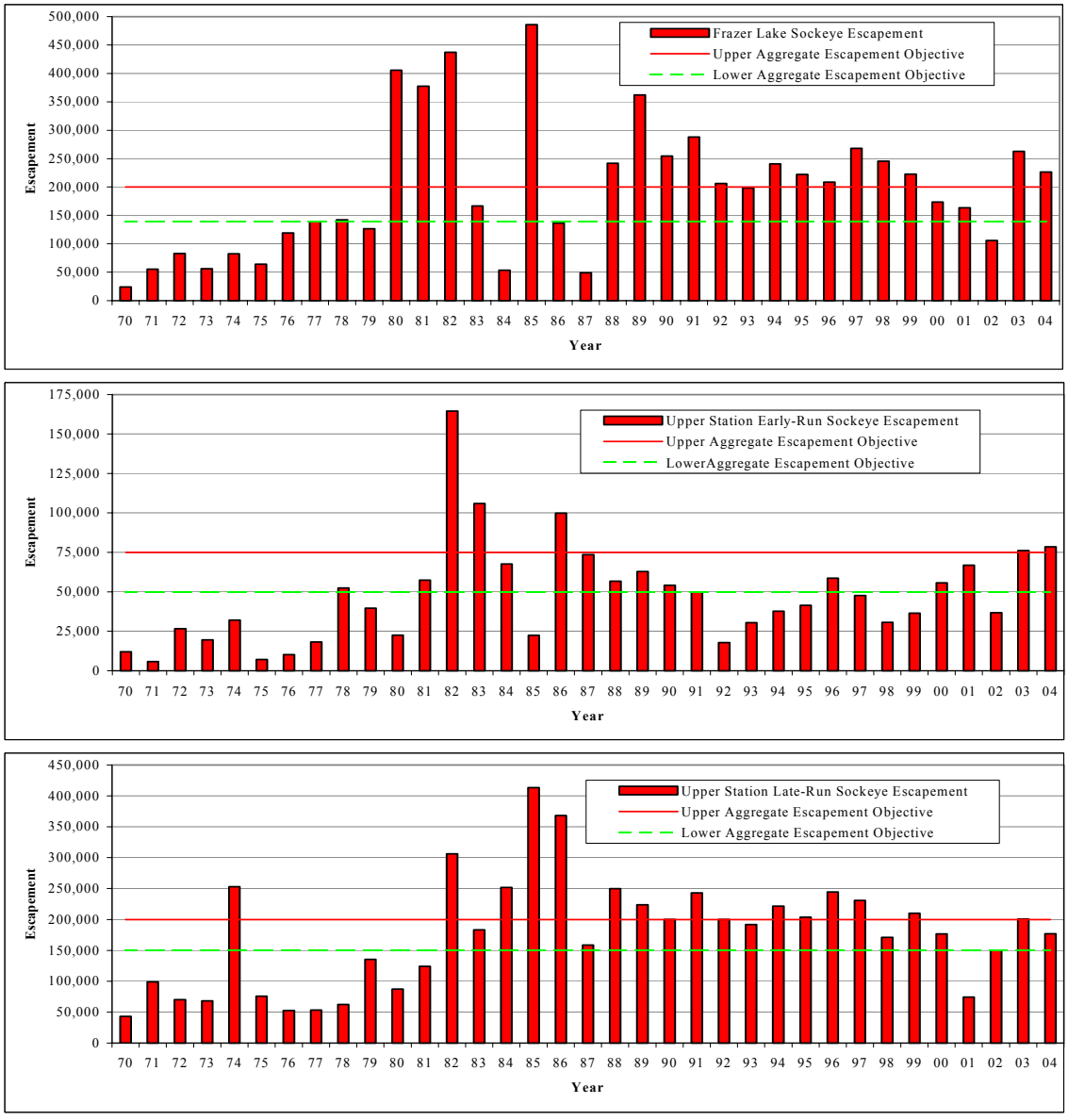



**Figure 7.-**Frazer Lake, Upper Station early-run, and Upper Station late-run sockeye salmon escapements and current escapement objectives, in the Alitak Bay District of the Kodiak Management Area, 1970 to 2004.

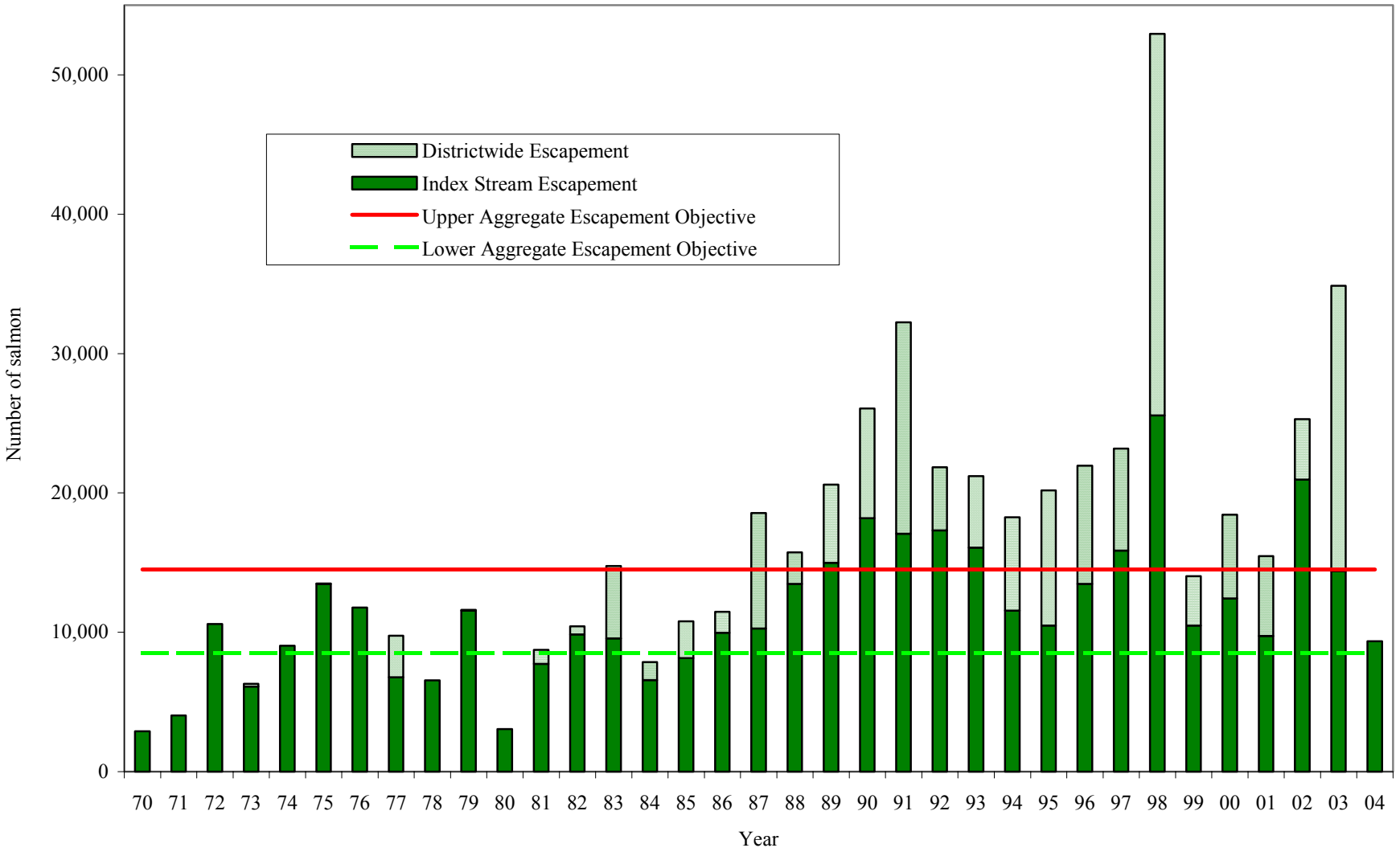



**Figure 8.-**Coho salmon escapement, districtwide and in index streams, and current indexed escapement objectives for the Alitak Bay District, 1970 to 2004.

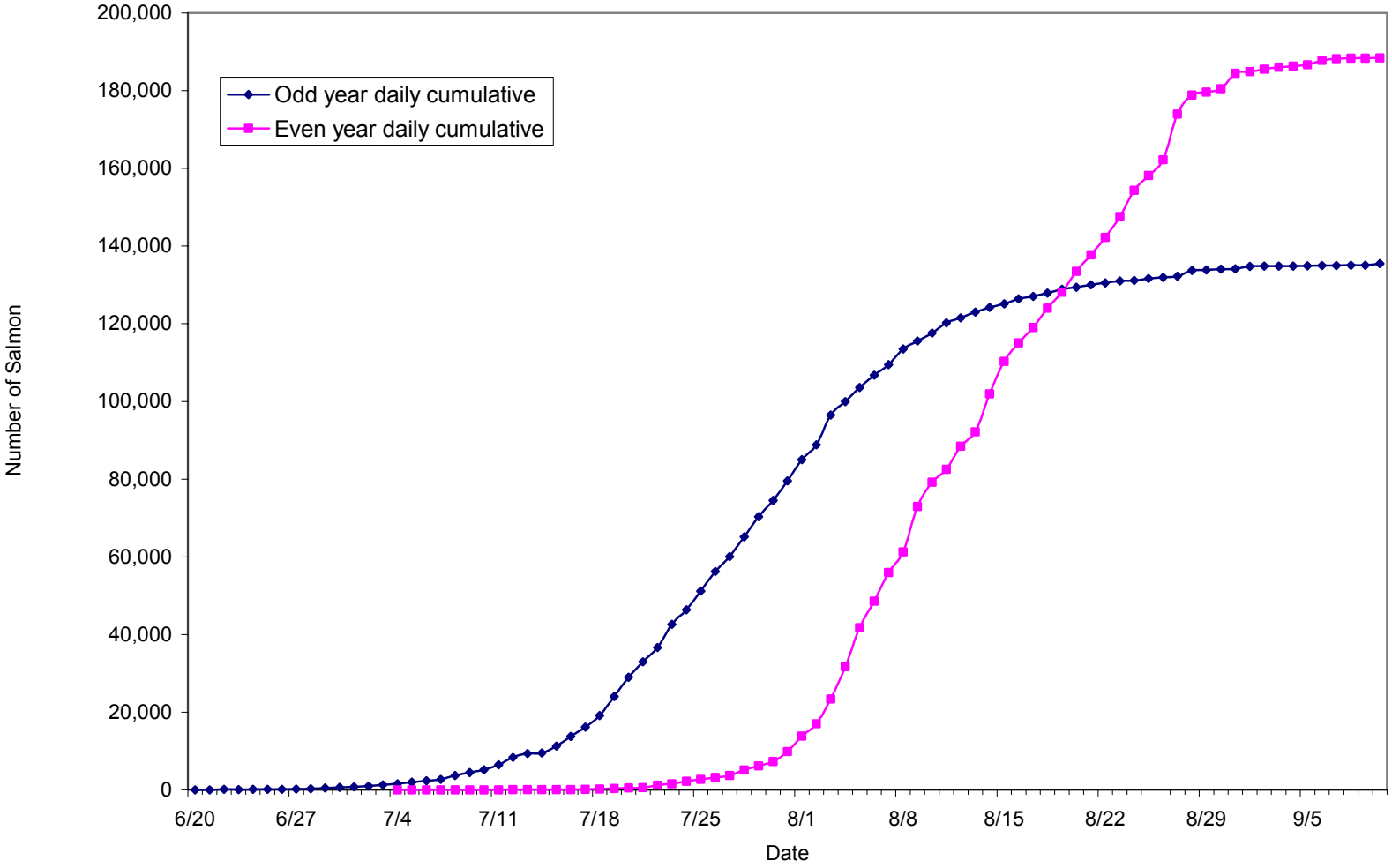



**Figure 9.-**Average daily pink salmon escapement in Dog Salmon Creek depicting the run timing difference between even and odd years.

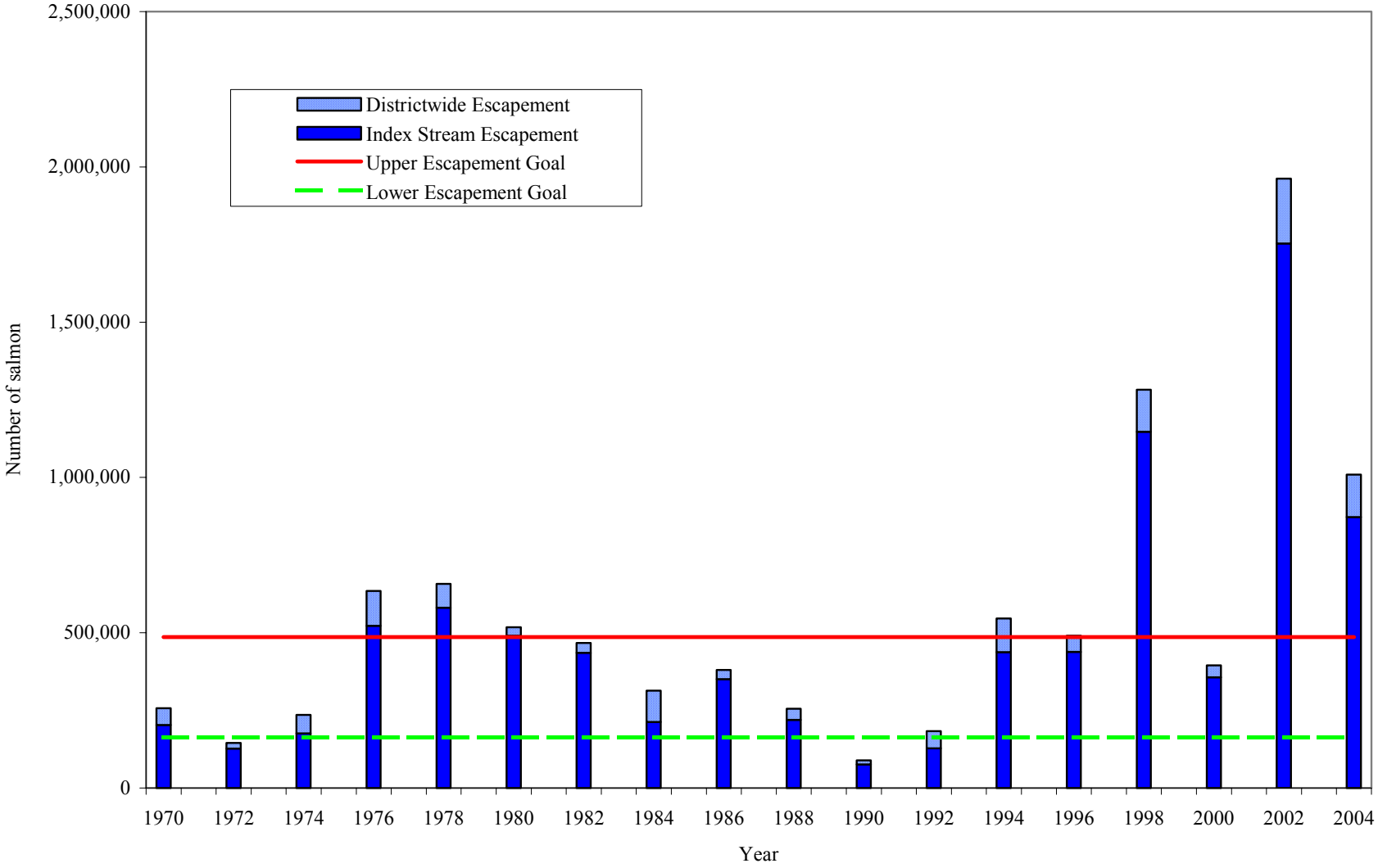



**Figure 10.-**Even-year pink salmon escapement, districtwide and in index streams, and current indexed escapement objectives for the Alitak Bay District, 1970 to 2004.

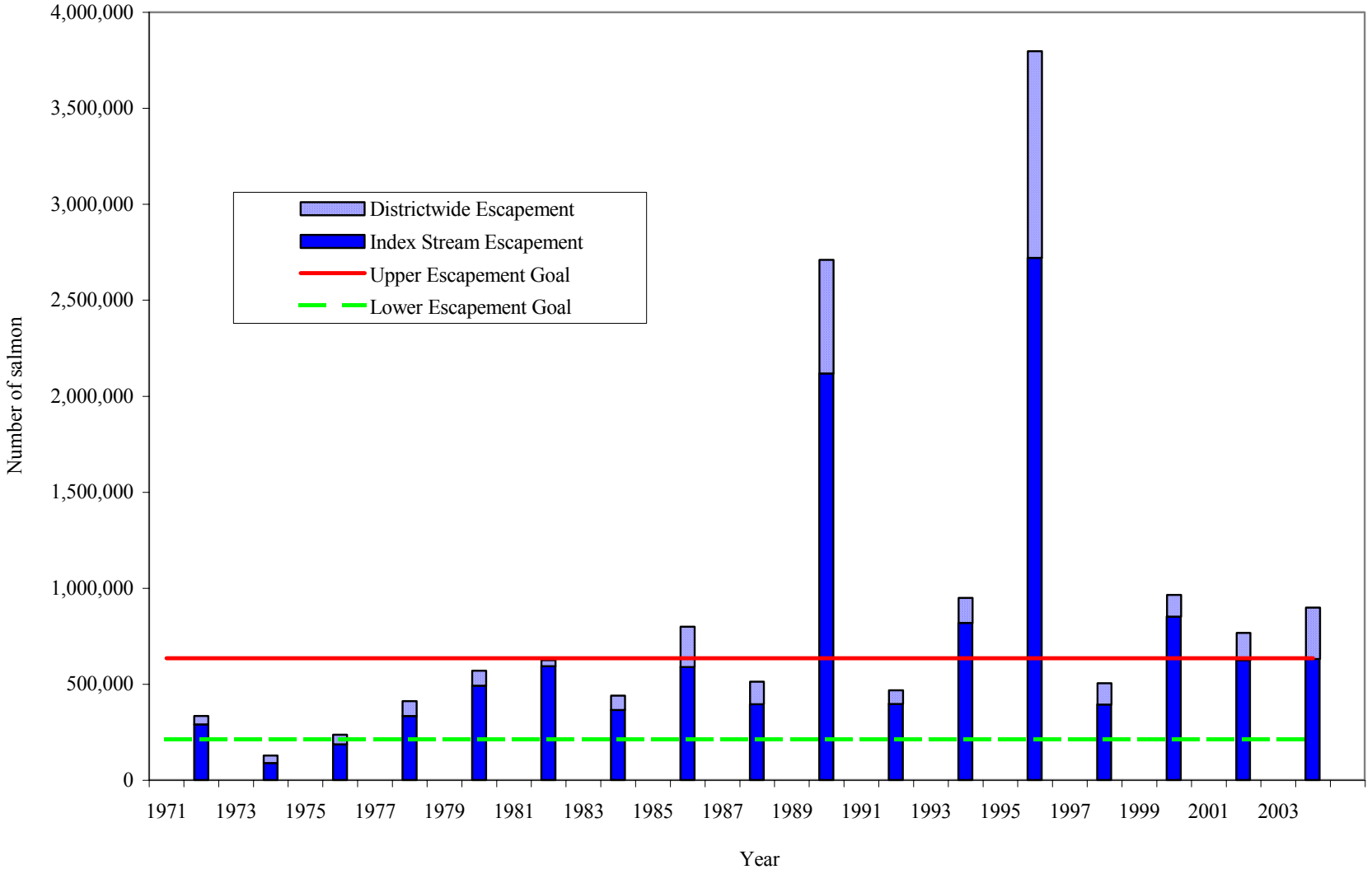



**Figure 11.-**Odd-year pink salmon escapement, districtwide and in index streams, and current indexed escapement objectives for the Alitak Bay District, 1971 to 2003.

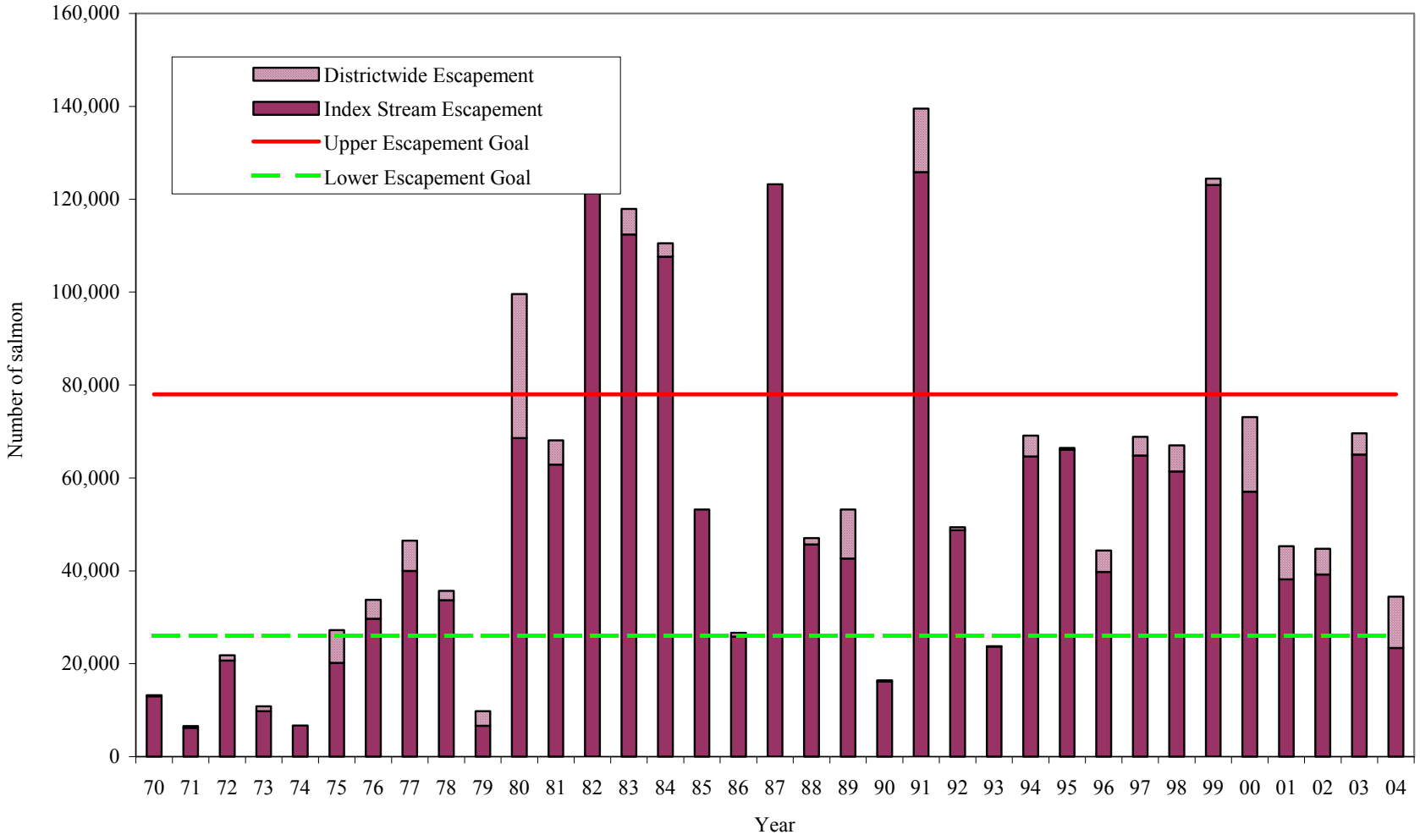



**Figure 12.-**Chum salmon escapement, districtwide and in index streams, and current indexed escapement objectives for the Alitak Bay District, 1970 to 2004.

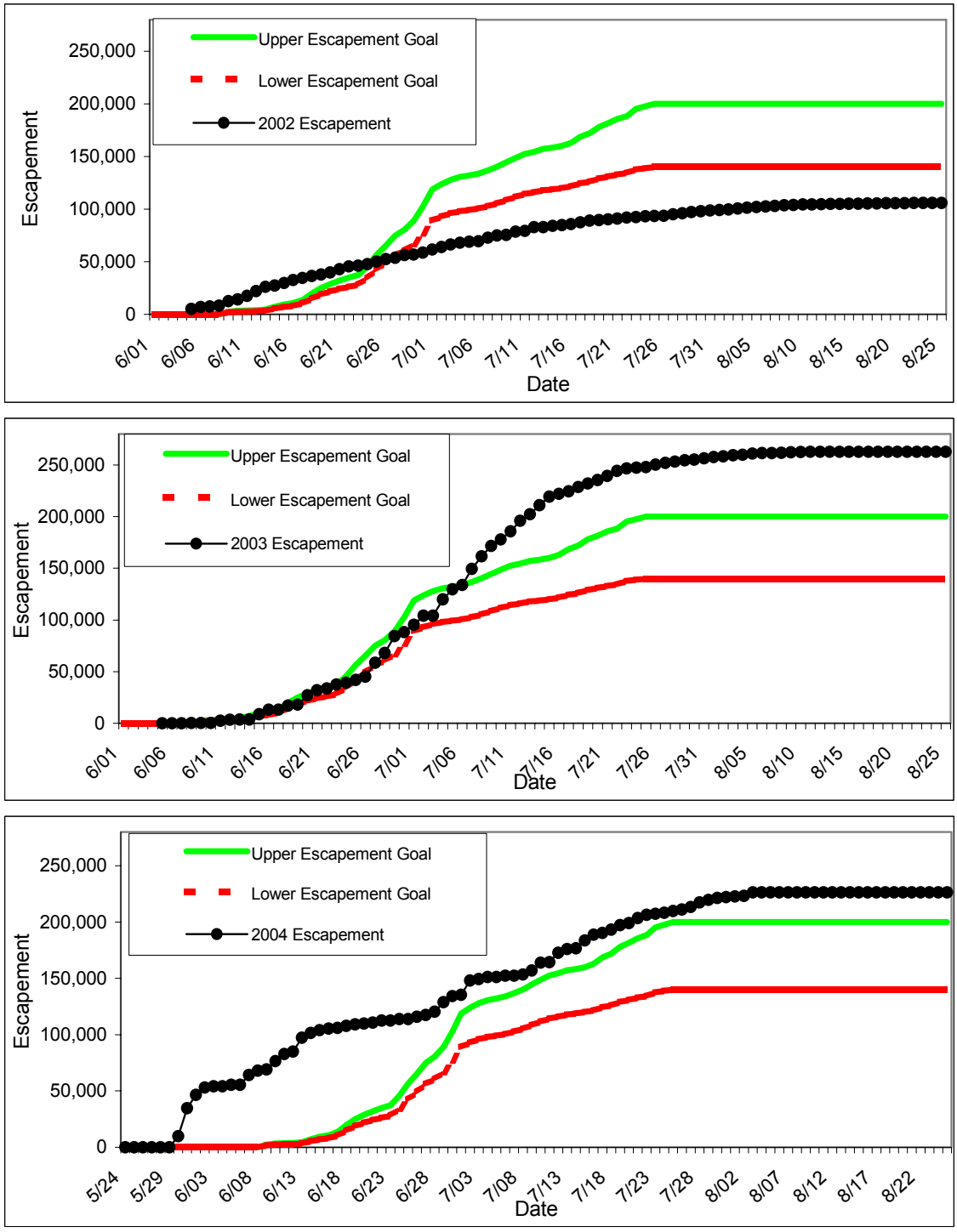



**Figure 13.-**Frazer Lake sockeye salmon daily escapement and escapement objectives, 2002 to 2004 through the Dog Salmon Creek weir.

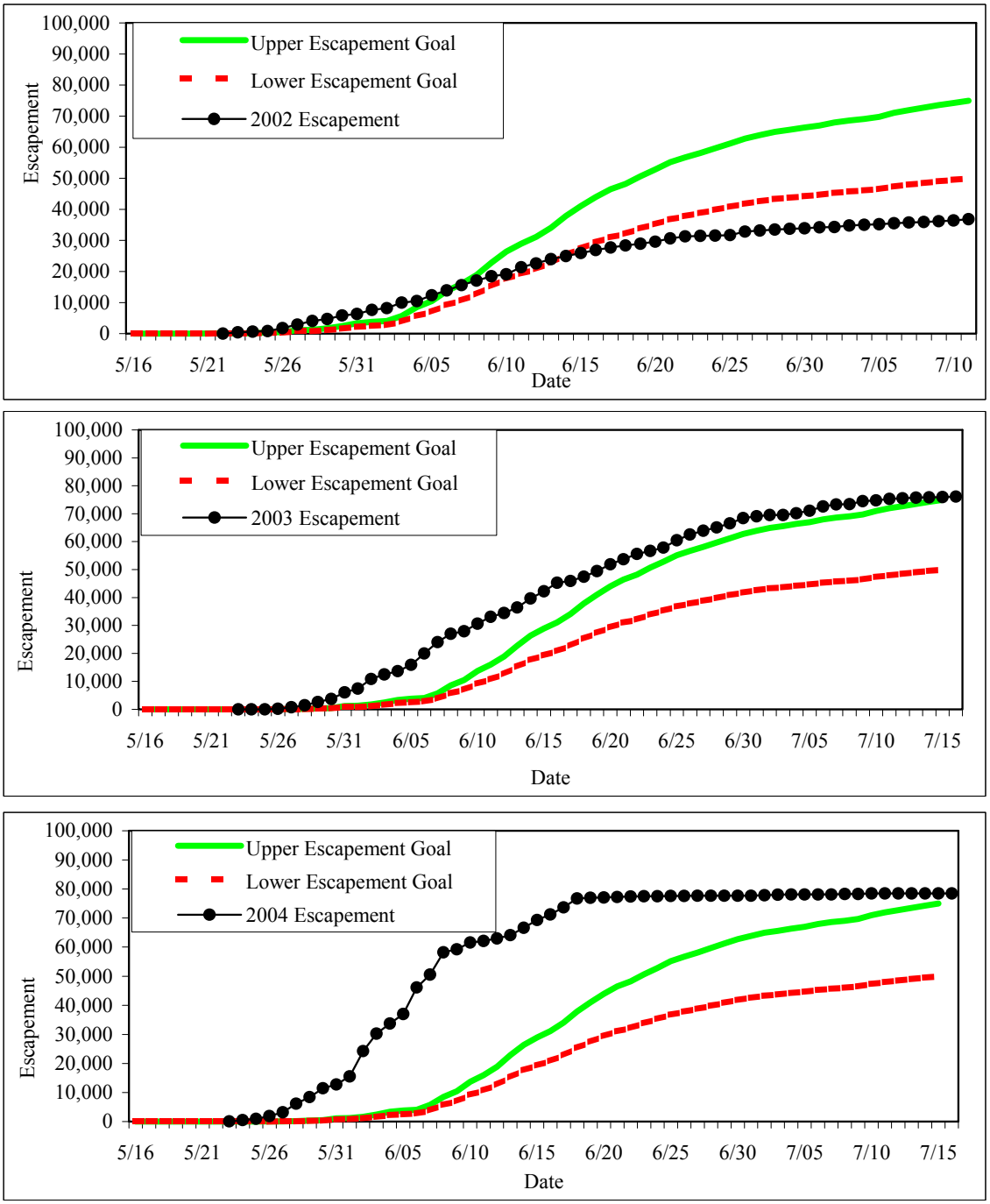



**Figure 14.-**Upper Station early-run sockeye salmon daily escapement and escapement objectives, 2002 to 2004.

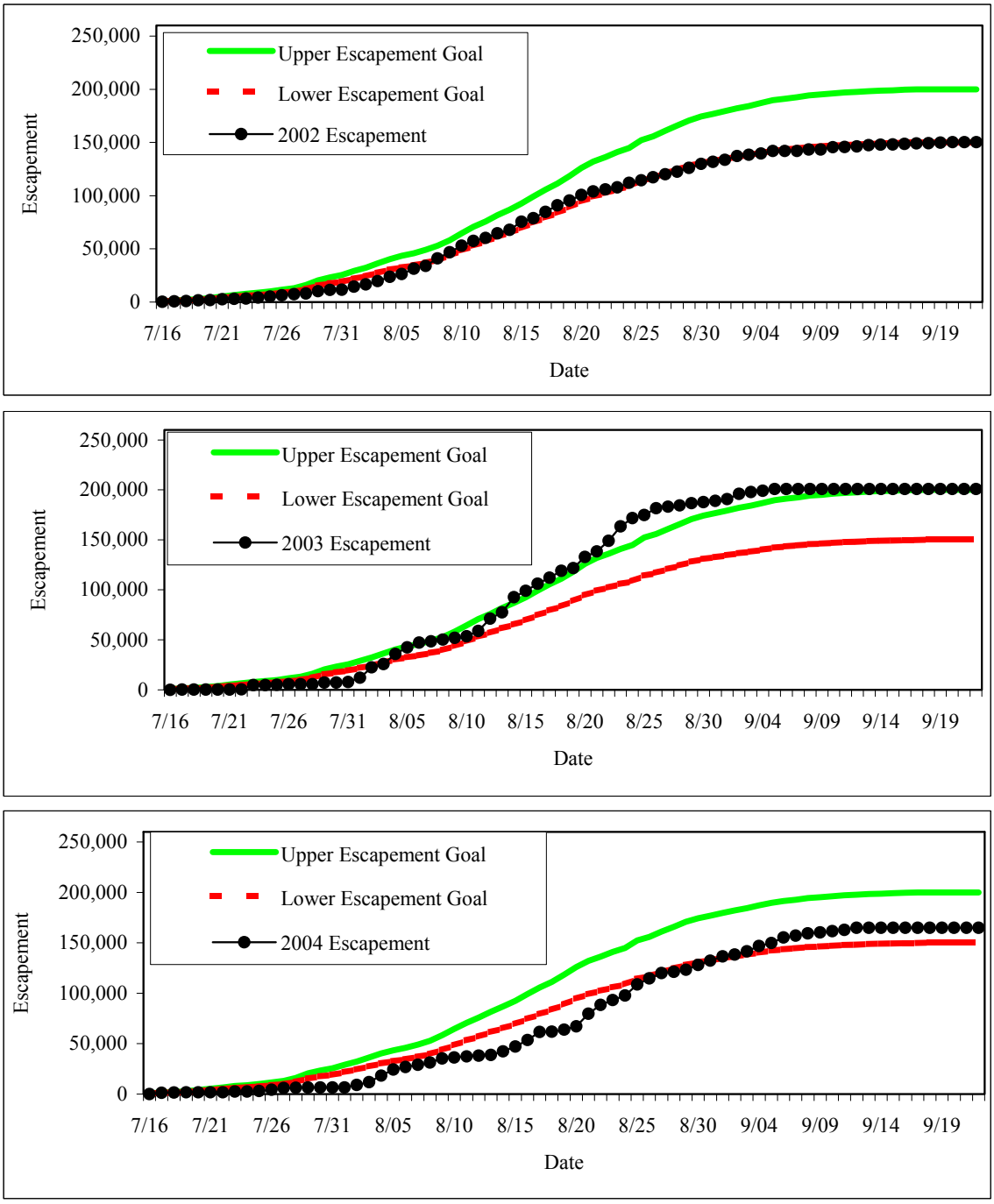



**Figure 15.-**Upper Station late-run sockeye salmon daily escapement and escapement objectives, 2002-2004.

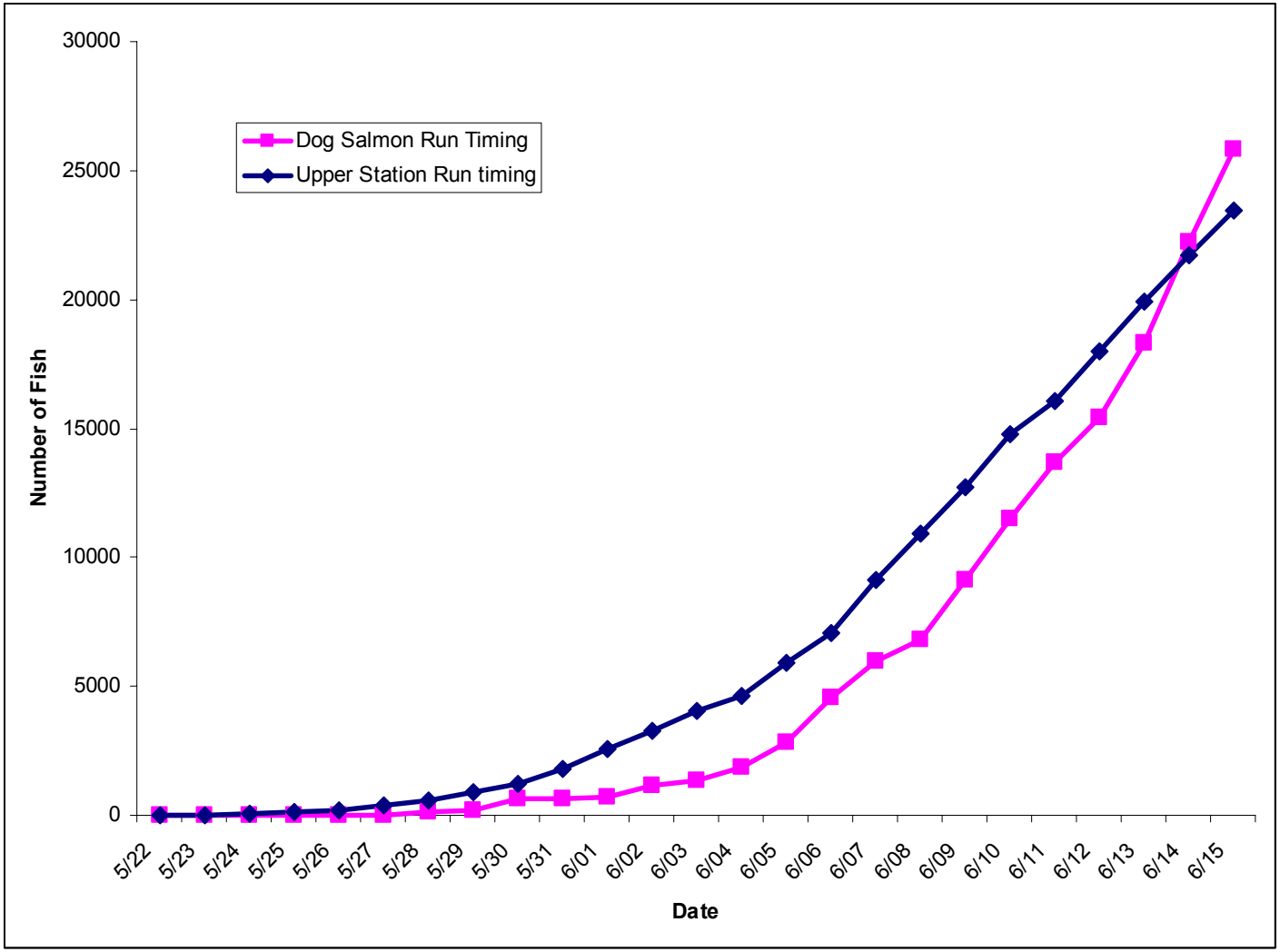



**Figure 16.-**Comparison of early sockeye salmon run-timing between Upper Station and Dog Salmon.

# APPENDIX A. ALITAK BAY DISTRICT SOCKEYE SALMON HARVEST BY SECTION AND/OR STATISTICAL AREA 1992 TO 2002.

**Appendix A1**–Alitak Bay District sockeye salmon harvest by section and/or statistical area 1992 to 2002.

| Year | Section | Permits | Harvest | % of Harvest |
|---|---|---|---|---|
| 1992 | Cape Alitak | 131 | 222,483 | 42.68% |
| | Moser Bay[a] | 65 | 197,733 | 37.93% |
| | Olga Bay | 44 | 69,463 | 13.32% |
| | Terminal Areas[b] | 34 | 9,263 | 1.78% |
| | Humpy/Deadman | 32 | 22,383 | 4.29% |
| | Total harvest | | 521,325 | 100.00% |
| 1993 | Cape Alitak | 112 | 364,092 | 36.47% |
| | Moser Bay[a] | 65 | 384,487 | 38.51% |
| | Olga Bay | 35 | 140,168 | 14.04% |
| | Humpy/Deadman | 60 | 109,692 | 10.99% |
| | Total harvest | | 998,439 | 100.00% |
| 1994 | Cape Alitak | 99 | 356,528 | 38.36% |
| | Moser Bay[a] | 61 | 364,925 | 39.27% |
| | Olga Bay | 43 | 114,630 | 12.33% |
| | Terminal Areas[b] | 30 | 21,311 | 2.29% |
| | Humpy/Deadman | 68 | 71,913 | 7.74% |
| | Total harvest | | 929,307 | 100.00% |
| 1995 | Cape Alitak | 129 | 674,499 | 40.32% |
| | Moser Bay[a] | 61 | 622,810 | 37.23% |
| | Olga Bay | 30 | 160,188 | 9.58% |
| | Humpy/Deadman | 103 | 215,255 | 12.87% |
| | Total harvest | | 1,672,752 | 100.00% |
| 1996 | Cape Alitak | 127 | 550,022 | 37.72% |
| | Moser Bay[a] | 71 | 677,399 | 46.46% |
| | Olga Bay | 23 | 104,805 | 7.19% |
| | Humpy/Deadman | 91 | 125,877 | 8.63% |
| | Total harvest | | 1,458,103 | 100.00% |
| 1997 | Cape Alitak | 84 | 204,195 | 29.82% |
| | Moser Bay[a] | 70 | 318,855 | 46.57% |
| | Olga Bay | 47 | 68,792 | 10.05% |
| | Terminal Areas[b] | 39 | 15,761 | 2.30% |
| | Humpy/Deadman | 52 | 77,079 | 11.26% |
| | Total harvest | | 684,682 | 100.00% |

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**Appendix A1.-**(Page 2 of 2)

| Year | Section | Permits | Harvest | % of Harvest |
|---|---|---|---|---|
| 1998 | Cape Alitak | 67 | 359,619 | 36.22% |
| | Moser Bay[a] | 61 | 448,625 | 45.18% |
| | Olga Bay | 30 | 118,947 | 11.98% |
| | Humpy/Deadman | 44 | 65,793 | 6.63% |
| | Total harvest | | 992,984 | 100.00% |
| 1999 | Cape Alitak | 48 | 104,886 | 16.62% |
| | Moser Bay[a] | 72 | 318,283 | 50.43% |
| | Olga Bay | 42 | 119,977 | 19.01% |
| | Humpy/Deadman | 37 | 88,010 | 13.94% |
| | Total harvest | | 631,156 | 100.00% |
| 2000 | Cape Alitak | 58 | 221,627 | 39.67% |
| | Moser Bay[a] | 70 | 265,240 | 47.48% |
| | Olga Bay | 29 | 55,820 | 9.99% |
| | Humpy/Deadman | 24 | 15,987 | 2.86% |
| | Total harvest | | 558,674 | 100.00% |
| 2001 | Cape Alitak | 33 | 113,509 | 24.58% |
| | Moser Bay[a] | 61 | 242,141 | 52.44% |
| | Olga Bay | 30 | 52,765 | 11.43% |
| | Terminal Areas[b] | 6 | 329 | 0.07% |
| | Humpy/Deadman | 30 | 53,041 | 11.49% |
| | Total harvest | | 461,785 | 100.00% |
| 2002 | Humpy/Deadman | 13 | 14,575 | 100.00% |

[a] Area includes Moser Bay and the current Alitak Bay Sections.

[b] Includes Inner and Outer Upper Station, Inner and Outer Akalura, and Dog Salmon Flats Sections.