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SUMMARY OF SALMON CATCH, ESTIMATED ESCAPEMENT, AND RUN NUMBERS, AND BIOLOGICAL ATTRIBUTES OF SELECTED SALMON CATCHES AND ESCAPEMENTS, KODIAK MANAGEMENT AREA, 1995

By

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ABSTRACT

The 1995 Kodiak Management Area (KMA) commercial salmon catch of 49,187,163 fish, was comprised of 18,704 chinook *Oncorhynchus tshawytscha*, 4,488,545 sockeye *O. nerka*, 307,795 coho *O. kisutch*, 42,849,309 pink *O. gorbuscha*, and 1,522,810 chum *O. keta* salmon. This was the largest salmon catch on record; about 2.5 times greater than the 5 yr. average and 2.3 times larger than the 10 odd-year cycle average. The highest catches occurred within the Northwest Kodiak District and pink salmon dominated the harvest. The largest sockeye catches occurred within the Alitak Bay (1.7 million), Northwest Kodiak (1.0 million), and Southwest Kodiak (0.98 million), Districts. Estimated total escapements included 30,843 chinook, 1,953,821 sockeye, 292,877 coho, 9,670,424 pink, and 545,286 chum salmon. Most of the pink salmon escapement occurred in Alitak Bay, Eastside Kodiak, and Northwest Kodiak District streams. The KMA sockeye run was about 6.4 million fish with the predominant age classes being age-2.2 and 2.3 (1990 and 1989 brood years).

KEY WORDS: Pacific salmon, Oncorhynchus, Kodiak, catch, escapement, run, age

INTRODUCTION

The Kodiak Management Area (KMA) encompasses the entire Kodiak Archipelago and that portion of the Alaska Peninsula draining into Shelikof Strait from Cape Douglas to Kilokak Rocks. The archipelago and Alaska Peninsula portions of the management area are each about 241 km in length, while Shelikof Strait separating the two, averages 48 km in width (Figure 1).

The area is composed of 7 districts and 52 sections, which include 440 known salmon streams. Emphasis of the management program is to achieve biological escapement goals while ensuring local stock surplus production is harvested in an orderly fashion. Five species of salmon are harvested within the KMA, all of which have established biological escapement goals. These goals are 11-19 thousand chinook, 1.3-2.1 million sockeye, 90-150 thousand coho, 1.0 to 3.0 million pink (odd year), and 0.5-1.5 million chum salmon (Prokopowich 1995). Directed fisheries occur on sockeye, pink, chum, and coho salmon; chinook salmon are not targeted. To open and close the fishery inseason, managers employ qualitative analysis of run timing, catch per unit effort (CPUE), species composition of catch, regulatory management plans, and aerial survey and weir escapement counts.

Three gear types are permitted within the KMA: purse seine, beach seine, and set gillnet. The Mainland, Afognak, Eastside Kodiak, Northeast (NE) Kodiak, and Southwest (SW) Kodiak Districts are exclusively purse and beach seining areas (Figure 2). Within the Central Section of the Northwest (NW) Kodiak District all three gear types are legally permitted. For the Alitak Bay District all three gear types are allowed with purse and beach seine gear permitted within the Cape Alitak and Humpy-Deadman Sections, and set gillnet gear in the Moser-Olga Bay Section. By regulation after 5 September purse seining and beach seining are allowed within the Moser-Olga Bay Section.

The Alaska Board of Fisheries has approved area salmon management plans for the Cape Igvak Section of the Mainland District, Alitak Bay District, North Shelikof Strait, Westside Kodiak, Eastside Afognak, Crescent Lake, and Spiridon Bay (ADF&G 1993). The intent of these plans is to maintain traditional commercial fishing opportunities and subsequent harvest allocations, stock conservation, and provide for high quality (ocean bright) salmon.

Weirs provide the primary mode of enumeration for virtually all chinook salmon and a majority of the sockeye salmon escapements into area streams. Aerial and foot surveys are conducted on area streams for indexing pink, chum, and coho salmon escapements (Brennan et al. 1996).

Annually, the Alaska Department of Fish and Game (ADF&G), Commercial Fisheries Management and Development Division (CFMDD) sample sockeye salmon catches and escapements for biological characteristics (age, length, and sex). These samples provide the foundation for preseason run forecasts, escapement goal evaluation, and accurate assignment of the run to stock of origin (run reconstruction). Numerous run reconstruction projects utilize these samples employing age marker analysis, visual scale pattern recognition, and scale pattern identification methods to estimate specific stock contributions to commercial fisheries in the Northwest Kodiak District during 1995 (Roche 1992; Swanton 1992; Swanton and Nelson 1994; Barrett and Nelson 1995, Nelson and Swanton 1996). Such information is but one avenue for allowing the continued evolution of this complex management program necessary to satisfy increasing demands upon area salmon resources.

This report summarizes Kodiak Management Area catch, escapement, and run statistics by species as well as the results of the 1995 catch and escapement sampling program. The purpose of this report is to serve as a compilation of data therefore discussion and interpretation are limited.

METHODS

Catch Estimation

Kodiak area salmon catch numbers for the 1995 season were obtained from summary reports of individual harvest receipts (fish tickets). The fish ticket database was edited by Kodiak area salmon management biologists prior to summary reports being generated on 1 June 1996. Subsistence catch numbers were obtained from the 1995 ADF&G, CFMDD subsistence database on 9 July 1996. At the time of publication, sport fish catch numbers were unavailable and were not included in run estimates.

Escapement Estimation

The majority (>95%) of chinook salmon escapement was counted through Karluk and Ayakulik weirs located in the SW Kodiak District. The remainder was enumerated through the Dog Salmon and Buskin River weirs (Len Schwarz, Alaska Department of Fish and Game, personal communication).

Escapement enumeration for sockeye salmon was accomplished via weir counts for 14 systems throughout the KMA (Brodie 1996). Operational dates for the four major weired (Karluk, Ayakulik, Frazer Lake/Dog Salmon, and Upper Station) systems were from approximately late May through mid-September, except for Ayakulik weir which ceased operation in late August. Escapements at the weirs were counted by technicians and field biologists using hand tally counters as fish migrate upstream through aluminum panel gates These counts were treated as known values with minor adjustments made to the total counts when freshet events wash out the weir or when it is removed at seasons end. In these instances estimates of the escapements not directly counted were made by foot surveys conducted by field personnel. For a number of systems without weirs, both aerial and foot surveys were conducted with counts representing some unknown fraction of the actual total escapement. Peak counts for each system were assumed to represent 50% of the actual numbers of fish present and were expanded by 2.0X to estimate the total escapement (Barrett et al. 1985).

Escapements for coho salmon were enumerated at all of the major weirs and several of the minor systems (Brodie 1996). Additional assessments were made from somewhat limited aerial and foot survey counts. Inclement weather and poor survey conditions due to high water events limit survey coverage for numerous systems without weirs. Peak survey counts for coho were expanded by a factor of 2.4X to estimate total escapement. This expansion factor was derived from data presented in Minard (1986). Escapement estimates for this species are considered minimum values for the purposes of evaluating inter-annual fluctuations in escapement and overall production.

A majority of the pink salmon escapement (odd year cycle stocks) was assessed by aerial surveys with only a minor component of the total enumerated via weirs and foot surveys. In certain areas (Afognak and Alitak Bay Districts) foot surveys were conducted because systems were accessible by field crews. Historically, peak aerial and foot survey counts have been used to index pink salmon escapements and

allow for inseason management of the commercial fishery. However, owing to a number of factors, peak counts represent only a fraction of the estimated total escapement (Cousens et al. 1982).

Analytical treatment of survey data has taken on added complexity as the program has evolved. An area-under-the curve (AUC) method (Johnson and Barrett 1988) along with a 15 d stream life value were employed with the survey data to estimate total escapement for pink salmon (Swanton et al. 1993). Survey conditions were subjectively rated by the observer from poor to excellent depending upon fish visibility within a given stream. Aerial and foot surveys were analyzed independently owing to the idiosyncrasies of each collection procedure (Perrin and Irvine 1990). Those surveys rated as having been conducted under poor conditions were excluded from analysis. The following documents the treatment of data for a number of different situations while employing the AUC model: (1) the model was only employed where greater than two non-zero survey counts were available; (2) in situations where two surveys conducted by different observers on the same date and system (employed to cross check estimates between observers), counts from the more experienced observer was used; (3) When both aerial and foot survey counts for the same system were present, counts from the method that had the greater number of surveys were employed and the other counts ignored; (4) any survey counts that did not record survey conditions were ignored; and (5) surveys that had comments such as quick look, incomplete survey, and the like were ignored.

For instances where estimates generated by the AUC model were less than the peak count, the peak count was assumed to be the best estimate of the total escapement. In situations where only a single count was derived there were two approaches used. The first was expansion of the peak count (more frequently invoked) and the second was adding the peak stream and mouth counts together and assuming that this better represented total escapement. Selection of which one of these was more appropriate was based on if mouth counts were recorded for a particular stream and if combined were larger than an expanded single peak count.

There were two expansion factors that were employed with pink salmon data. The first was used for expanding single survey counts that were assumed to be peak counts and the second was used for capturing escapements into streams that were not surveyed (Barrett et al. 1990; Swanton et al. 1993).

Generally the same methods were employed for deriving estimated total escapements for chum salmon. Treatment of the survey data was identical when faced with the same circumstances and an expansion factor for treating single survey peak counts was generated similar to procedures outlined in Barrett et al. (1990).

Catch and Escapement Sampling

Selected sockeye salmon catches were sampled weekly for age during commercial fisheries (ADF&G 1995). Sampling weeks and associated calendar dates are presented in Table 1. The 1995 sockeye salmon catch sampling schedule including area, targeted sampling sizes, and frequencies is shown in Table 2. The catch sample size of 600 fish per week enabled all age classes to be simultaneously estimated at α=0.05 within ± 4.0% of the true proportions (Thompson 1987). A limited number of chum scale samples were collected opportunistically from Westside and Eastside commercial catches.

Weekly sockeye salmon escapements were sampled for age (scales), length, and sex (ALS), at Karluk, Ayakulik, Upper Station, and Frazer weirs (ADF&G 1995). Samples were collected using a live box trap (attached to the upstream side of the weir) and an attempt was made to collect escapement samples to meet the required sample size of 240 fish within two consecutive days. The escapement sample size enabled all age classes to be simultaneously estimated at α=0.10 within ± 6.5% of the true proportions (Thompson 1987). Minor systems were sampled with reduced intensity following the sampling schedule listed in Table 3. Afognak (Litnik) and Akalura weir personnel collected a single 480 fish ALS sample from the both early and late run components. A single 480 fish sample was collected at the Saltery weir during the peak escapement. Sport Fisheries Division (SFD) field personnel sampled the Buskin River sockeye escapement with a goal of 140 fish every two weeks, for six weeks (Jim Hasbrouk, Alaska Department of Fish and Game, personal communication). The SFD similarly sampled the Buskin River sockeye subsistence harvest. Additionally, samples for age (scales), length, and sex, were collected from the terminal fishery at Telrod Cove with a targeted sample size of 240 per week. Buskin River coho salmon sport fish catches were sampled by SFD personnel from late August through mid-September and coho scales were also collected during the fall egg take at Buskin Lake.

Scales were collected from the preferred area following procedures outlined in INPFC (1963) and mounted on gum cards. Impressions were made on cellulose acetate (Clutter and Whitesel 1956) and fish ages were classified by examining scales for annual growth using a microfiche reader (48x) following criteria established by Mosher (1968). Ages were recorded on sampling forms using European notation (Koo 1962). Fish lengths, mid-eye to fork-of-tail, when measured, were recorded to the nearest millimeter. Determination of sex was via examination of external morphological characteristics. All data were recorded on standard data forms, optically scanned, and edited for outliers.

Age composition estimates from stock specific escapements and catches were interpolated daily between sampling events and summarized weekly when targeted sampling was achieved. When limited samples were obtained, age composition estimates reflect the sampling period only. Length composition data was summarized by age and sex representing the fish sampled. Sockeye salmon mean length was estimated by age class, along with standard error of each estimate. Descriptions of component programs used to compute age, length, and sex composition tables can be found in Blackburn (1993).

RESULTS

The KMA salmon catch during 1995 was the largest on record totaling 49,213,375 fish, of which 49,187,163 were caught commercially and a minimum of 26,212 were harvested by subsistence fishers (Table 4). The commercial catch was 87.1% (42.8 million) pink, 9.1% (4.4 million) sockeye, 3.1% (1.5 million) chum, 0.6% (0.3 million) coho, and 0.04% (18,704) chinook salmon. The total catch was almost 3 times greater than the 10-year (1985-1994) average (Table 5). Most of the commercial catch occurred within the NW Kodiak (37.0%), Afognak (18.1%), and Alitak Bay (18.0%) Districts (Table 6). Cumulatively by species, 50% of the chinook commercial harvest occurred by 24 June, 5 July for sockeye, 20 July for chum, 5 August for pink, and 19 August for coho salmon (Figure 3).

During 1995, 2,405,516 salmon were enumerated through 14 weirs (Table 7). An additional 177 streams were surveyed (via aerial and foot survey methods), representing approximately 40% of the 440 known KMA pink salmon streams. A total of 494 surveys were conducted, 459 with fixed wing aircraft and 35 foot surveys (Appendix A.1). The estimated total escapement for the KMA for all species combined was 12,493,251 fish (Table 4).

The 1995 total run for the Kodiak Management Area was an estimated 61,706,626 fish.

Chinook Salmon

A total of 18,877 chinook salmon were harvested in commercial and subsistence fisheries during 1995. Most of the catch was taken by commercial fishers (18,704 fish; Table 4) The commercial catch was slightly above the 10-year (1985-94) average but about 1.4 times less than the 5-year (1990-94) average (Table 5). Most of the chinook harvest occurred within the Afognak, NW Kodiak, and SW Kodiak Districts (Table 6; Figure 4).). Over 50% of the chinook harvest occurred prior to 25 June (Figure 3). The overall average weight of commercially caught chinook was 13.8 lb. (Table 6).

There were 30,843 chinook salmon counted through weirs during 1995 (Table 7). Approximately 98% of the escapement was into the Karluk and Ayakulik River systems. The chinook salmon run estimate for the KMA was 49,720 (Table 4).

Sockeye Salmon

During 1995, 4,507,393 sockeye salmon were harvested primarily via commercial gear (Table 4). This harvest was similar to the 5-year average of 4,475,479 fish (Table 5). A majority (82% or 3.6 million fish) of the commercial catch was from the Alitak Bay (1.6 million), Northwest Kodiak (1.0 million), and Southwest Kodiak (0.98 million), Districts (Table 6; Figures 5-6). The overall average sockeye weight in the catch was 5.1 lb. (Table 6). In addition to the commercial harvest, 18,848 fish were caught by subsistence fishers area wide (Table 4).

A total of 30,749 scales for age determination were collected from a variety of catch areas representing a combined harvest of approximately 3.4 million fish or about 77% of the commercial catch (Table 8). The overall catch was predominantly age-2.2 and -2.3 fish, however primary age classes varied by section and district. The Afognak, Eastside Kodiak, and Mainland Districts commercial catches were

made up of predominantly age 1.3 and 2.3 fish while age 2.2 and 2.3 fish were dominant in all other districts. Individual age composition summaries by catch area may be found in Tables 9 through 21.

A total of 1,715,199 sockeye salmon were counted as escapement through weirs and an additional escapement of 238,622 fish was estimated into streams via aerial and foot surveys (Table 4; Appendix A.2.). Biological escapement goals (1.6-1.9 million area wide) or at least minimum targeted escapements were achieved for all systems. About 90% of the escapement enumerated at weir sites was within the Southwest Kodiak (Karluk and Ayakulik weirs) and Alitak Bay (Upper Station and Dog Salmon weirs) Districts (Table 7; Figures 5 and 7). A majority (>75%) of the estimated escapement from aerial surveys occurred in Northwest Kodiak and Mainland District streams (Table 4).

Age composition estimates were generated by system based on 12,257 fish sampled. Over 50% of the total sockeye escapement was estimated to be age 2.2 and 2.3 fish, however the dominant age class varied by system (Table 22). The Upper Station late run had a substantial component of age 0. fish (40%) consistent with previous years (Barrett and Nelson 1995). Age 0. fish from all other Kodiak systems individually represented <2% of the escapement. A significant number of age 3. fish were identified from Karluk early and late run escapement samples (34.4% and 24.6%, respectively). Age 3. fish represented less than 5% of all other escapements except Frazer with 11.3%. Lengths ranged from 260-795 mm and mean lengths by age and sex fell within expected ranges. Estimated age, length, and sex, composition summaries of sockeye escapements by system are reported in Tables 23 through 59.

The total 1995 sockeye salmon run for the Kodiak Management Area was estimated to be 6,461,214 fish (Figure 5).

Coho Salmon

The 1995 coho harvest was 313,154 fish, of which 307,795 were caught commercially (Table 4). The commercial harvest was similar to the 5-year (1990-94) average of 301,707 fish (Table 5). Over 58% of the commercial coho harvest occurred in the NW Kodiak (101,741) and Afognak (77,326) Districts (Table 6; Figure 8). Peak catches occurred in August and the overall average weight of coho salmon harvested was 8.0 lb. (Table 6; Figure 3).

There were 292,877 coho salmon estimated as escapement of which 80,296 were counted through weirs and 212,581 estimated via survey counts (Table 4). Weir counts from field stations within the Afognak and Southwest Kodiak Districts combined accounted for a majority of the coho escapement enumerated through weirs (61,433 fish); while the NW Kodiak and Mainland Districts accounted for a majority of the surveyed escapement (114,240). The survey numbers are considered minimum values as aerial and foot surveys are not considered adequate to instill confidence in total spawning stream coverage.

SFD field personnel collected 227 scales from sport caught coho in the Buskin River throughout the season and an additional 96 from the Buskin Lake egg take on 23 October (Table 60). Over 70% of the Buskin coho escapement samples collected were age 2.1.

The estimated KMA total coho salmon run for 1995 was 606,031 fish, composed of 313,154 harvested and a minimum escapement of 292,877 (Table 4; Figure 8). Coho runs to the NW Kodiak, Afognak, and Eastside Kodiak Districts collectively accounted for >60% of the total KMA coho run.

Pink Salmon

The largest commercial pink salmon catch on record of 42,849,309 fish occurred during 1995. This harvest was 2.5 times greater than the 1985-94 odd-year average of 17,143,754 fish (Table 5). Approximately 38% (16,496,297) of the catch was taken within the NW Kodiak District (Table 6; Figure 9). An additional 50% was harvested in the Afognak, Alitak Bay, and Eastside Kodiak Districts combined. Over 50% of the harvest occurred by 7 August and the overall estimated average weight of commercially caught pink salmon was 3.5 lb. (Table 6; Figure 3).

For surveyed streams, the AUC estimation approach was applied to 60 systems and peak counts were expanded for an additional 75 streams. The peak count expansion factor used was 1.97 (Appendix A.3). There were 16 systems where peak stream and mouth counts were added together to estimate escapement. The expansion factor for estimating escapements into streams not surveyed was 1.06 (Barrett et al. 1990).

The estimated total pink salmon escapement that occurred during 1995 for all streams was 9,670, 424 fish and was composed of 575,967 fish counted through weirs, 8,877,472 from aerial survey data, and 216,985 fish for systems not surveyed (Table 4; Figure 9).

The 1995 pink salmon run was 52,521,273; a majority (>80%) of which occurred in the NW Kodiak, Afognak, Alitak Bay, and Eastside Kodiak Districts (Figure 9).

Chum Salmon

The total chum salmon catch during 1995 was 1,523,102 fish with 1,522,810 being harvested commercially. The total commercial catch included an estimated 215,000 fish that were attributed to supplemental production from Kitoi Bay Hatchery (D. Prokopowich, Alaska Department of Fish and Game, Kodiak, personal communication). This was the highest chum catch on record and about 1.9 times greater than the 10-year (1985-94) average of 811,429 fish (Table 5). Of the entire catch, most was taken in the NW Kodiak (38%), Eastside Kodiak (21%) and Afognak (19%) Districts, with over 50% of the harvest occurring by 20 July (Table 6; Figures 3 and 10). The overall average weight of commercially caught chum salmon was 7.5 lb. (Table 6).

A limited number (n=430) of chum salmon were sampled opportunistically from westside and eastside Kodiak commercial catches. Over 82% of the fish sampled were age 0.3 (Table 61).

An estimated 545,286 chum salmon were estimated as escapement within KMA streams in 1995 of which only 3,211 fish were counted at weir stations (Table 4; Figure 10). Over 50% of the estimated escapement were into Mainland District streams. Inclement weather and poor survey conditions contributed to our assessment that the estimated chum escapement is considered a minimum value.

The 1995 total chum salmon run estimate was 2,068,388, of which 1,523,102 fish were harvested and a minimum of 545,286 were estimated as escapement (Figure 10).

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Table 1. Sampling weeks and corresponding calendar dates for 1995.

Week[a]	Calendar Dates	Week	Calendar Dates
1	01-Jan to 03-Jan	28	05-Jul to 11-Jul
2	04-Jan to 10-Jan	29	12-Jul to 18-Jul
3	11-Jan to 17-Jan	30	19-Jul to 25-Jul
4	18-Jan to 24-Jan	31	26-Jul to 01-Aug
5	25-Jan to 31-Jan	32	02-Aug to 08-Aug
6	01-Feb to 07-Feb	33	09-Aug to 15-Aug
7	08-Feb to 14-Feb	34	16-Aug to 22-Aug
8	15-Feb to 21-Feb	35	23-Aug to 29-Sep
9	22-Feb to 28-Feb	36	30-Aug to 05-Sep
10	01-Mar to 07-Mar	37	06-Sep to 12-Sep
11	08-Mar to 14-Mar	38	13-Sep to 19-Sep
12	15-Mar to 21-Mar	39	20-Sep to 26-Sep
13	22-Mar to 28-Mar	40	27-Sep to 03-Oct
14	29-Mar to 04-Apr	41	04-Oct to 10-Oct
15	05-Apr to 11-Apr	42	11-Oct to 17-Oct
16	12-Apr to 18-Apr	43	18-Oct to 24-Oct
17	19-Apr to 25-Apr	44	25-Oct to 31-Oct
18	26-Apr to 02-May	50	1-Nov to 07-Nov
19	03-May to 09-May	46	08-Nov to 14-Nov
20	10-May to 16-May	47	15-Nov to 21-Nov
21	17-May to 23-May	48	22-Nov to 28-Nov
22	24-May to 30-May	49	29-Nov to 05-Dec
23	31-May to 06-Jun	50	06-Dec to 12-Dec
24	07-Jun to 13-Jun	51	13-Dec to 19-Dec
25	14-Jun to 20-Jun	52	20-Dec to 26-Dec
26	21-Jun to 27-Jun	53	27-Dec to 31-Dec
27	28-Jun to 04-Jul		

[a] Standardized statistical weeks.

Table 2. Sockeye salmon catch sampling schedule for the Kodiak Management Area, 1995.

Sampling Area		Primary	Sample		
Geographic Area	Statistical Area	Sampling Site [a]	Frequency	Dates	Size [b]
Afognak District					
NW Afognak Section	251-30 - 251-50	R/V KHIC	weekly	7/6 - 7/25	600
Waterfall Bay	251-84	Waterfall Bay	intermittently	6/9 - 7/1	600
Foul Bay	251-41	Foul Bay	intermittently	6/9 - 7/1	600
SW Afognak Section	251-10 -251-20	R/V KHIC	weekly	7/6 - 7/25	600
NW Kodiak District					
Uganik Bay	253-11 - 253-35	Port of Kodiak	weekly	6/9 - 9/5	600
Uyak Bay	254-10 - 254-40	Port of Kodiak	weekly	6/9 - 9/5	600
Telrod Cove/Spiridon	254-50	Telrod Cove	weekly	7/19-9/12	240
SW Kodiak District					
Inner/Outer Karluk Section	255-10 - 255-20	Port of Kodiak	weekly	6/9 - 8/1	600
Sturgeon Section	256-40	Port of Kodiak	weekly	6/9 - 8/1	600
Halibut/Gurney Bay	256-25 - 256-30	Port of Kodiak	weekly	6/23 - 8/1	600
Inner/Outer Ayakulik Section	256-10 - 256-20	Port of Kodiak	weekly	6/9 - 8/1	600
Alitak Bay District					
Cape Alitak/Humpy Deadman	257-10,20 257-50-70	Alitak	weekly	6/9 - 8/31	600
Moser/Olga Bay Section	257-40 - 257-41	Alitak	weekly	6/9 - 8/31	600
Eastside Kodiak District					
Sitkalidak Section	258-10 - 258-53	Port of Kodiak	weekly	7/6 - 7/25	600
Mainland District					
North Shelikof	262-10 - 262-55	R/V KHIC	weekly	7/6 - 7/25	600
Katmai/Alinchak	262-60 - 262-70	Port of Kodiak	weekly	7/6 - 7/25	600
Cape Igvak Section (early)	262-75 - 262-95	Port of Kodiak	twice	6/9 - 7/8	600
Cape Igvak Section (late)	262-75 - 262-95	Port of Kodiak	twice	7/9 - 7/25	600

[a] Alitak is the secondary sampling site for SW Kodiak, Eastside Kodiak, and Igvak samples.

[b] If the required sample size of 600 is not practical to obtain, reduce the sample size to 480.

Table 3. Kodiak Management Area sockeye escapement sampling schedule, 1995.

Sample Location	Sampling Frequency	Date		Sample Size
		Starting	Ending	
Akalura weir (early)	once	15-May	15-Jul	480
Akalura weir (late)	once	16-Jul	15-Sep	480
Ayakulik weir	weekly	30-May	30-Sep	240
Buskin Lake weir	biweekly	1-Jun	1-Aug	140
Buskin Subsistence Harvest	biweekly	1-Jun	1-Aug	140
Frazer Fishpass	weekly	15-Jun	30-Aug	240
Foul Bay	intermittently	9-Jun	1-Jul	600
Karluk weir	weekly	30-May	30-Sep	240
Litnik (Afognak) weir (early)	once	7-Jun	15-Jun	480
Litnik (Afognak) weir (late)	once	14-Jul	20-Jul	480
Malina Lake weir	intermittently	1-Jun	15-Aug	600
Little Kitoi	intermittently	1-Jun	15-Aug	600
Pauls Bay	biweekly	6-Jun	3-Jul	200
Saltery River weir	once	7-Jul	20-Jul	480
Upper Station	weekly	6-Jun	30-Sep	240
Telrod Cove	weekly	1-Aug	15-Sep	240
Waterfall Bay	intermittently	9-Jun	1-Jul	600

Table 4. Salmon escapement, catch, and total run numbers by district and species, Kodiak Management Area, 1995.

Fishing		Escapement			Catch				
District	Species	Surveyed	Weir	Total	Commercial	Sport [a]	Subsistence	Total	Total Run
Afognak									
	Chinook	0	5	5	5,292		4	5,296	5,301
	Sockeye	14,552	125,601	140,153	265,019		4,962	269,981	410,134
	Coho	2,517	25,632	28,149	77,326		870	78,196	106,345
	Pink	399,411	64,727	464,138	8,250,128		99	8,250,227	8,714,365
	Chum	45	693	738	289,848		12	289,860	290,598
subtotal		416,525	216,653	633,183	8,887,613		5,947	8,893,560	9,526,743
Northwest Kodiak									
	Chinook	0	0	0	5,057		62	5,119	5,119
	Sockeye	84,900	0	84,900	1,024,032		3,243	1,027,275	1,112,175
	Coho	60,240	0	60,240	101,741		1,784	103,525	163,765
	Pink	1,827,297	0	1,827,297	16,496,297		613	16,496,910	18,324,207
	Chum	134,748	0	134,748	574,665		55	574,720	709,468
subtotal		2,107,185	0	2,107,185	18,201,792		5,757	18,207,549	20,314,734
Southwest Kodiak									
	Chinook	0	30,358	30,358	4,715		34	4,749	35,107
	Sockeye	0	1,060,888	1,060,888	981,016		1,539	982,555	2,043,443
	Coho	8,640	35,801	44,441	29,358		58	29,416	73,857
	Pink	11,893	140,071	151,964	3,159,848		10	3,159,858	3,311,822
	Chum	33,583	191	33,774	96,766		6	96,772	130,546
subtotal		54,116	1,267,309	1,321,425	4,271,703		1,647	4,273,350	5,594,775
Alitak Bay									
	Chinook	0	470	470	848		3	851	1,321
	Sockeye	2,400	469,331	471,731	1,674,169		810	1,674,979	2,146,710
	Coho	12,132	10,165	22,297	19,000		101	19,101	41,398
	Pink	2,874,425	239,549	3,113,974	7,065,939		70	7,066,009	10,179,983
	Chum	43,265	2,181	45,446	105,224		6	105,230	150,676
subtotal		2,932,222	721,226	3,653,918	8,865,180		990	8,866,170	12,520,088
Eastside Kodiak									
	Chinook	0	2	2	1,463		28	1,491	1,493
	Sockeye	39,000	43,859	82,859	249,893		2,655	252,548	335,407
	Coho	50,280	4	50,284	53,625		827	54,452	104,736
	Pink	1,954,410	58,794	2,013,204	6,193,275		253	6,193,528	8,206,732
	Chum	40,282	103	40,385	321,838		99	321,937	362,322
subtotal		2,083,972	102,762	2,186,734	6,820,094		3,862	6,823,956	9,010,690
Northeast Kodiak									
	Chinook	0	8	8	14		42	56	64
	Sockeye	220	15,520	15,740	986		5,615	6,601	22,341
	Coho	24,772	8,694	33,466	7,019		1,719	8,738	42,204
	Pink	858,175	72,826	931,001	988,077		494	988,571	1,919,572
	Chum	32,618	43	32,661	33,595		114	33,709	66,370
subtotal		915,785	97,091	1,012,876	1,029,691		7,984	1,037,675	2,050,551

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Table 4. (page 2 of 2)

Fishing District	Species	Escapement Surveyed	Escapement Weir	Escapement Total	Catch Commercial	Catch Sport [a]	Catch Subsistence	Catch Total	Total Run
Mainland									
	Chinook	0	0	0	1,315		0	1,315	1,315
	Sockeye	97,550	0	97,550	293,430		24	293,454	391,004
	Coho	54,000	0	54,000	19,726		0	19,726	73,726
	Pink	951,861	0	951,861	695,745		1	695,746	1,647,607
	Chum	257,534	0	257,534	100,874		0	100,874	358,408
subtotal		1,360,945		1,360,945	1,111,090		25	1,111,115	2,472,060
Total									
	Chinook	0	30,843	30,843	18,704		173	18,877	49,720
	Sockeye	238,622	1,715,199	1,953,821	4,488,545		18,848	4,507,393	6,461,214
	Coho	212,581	80,296	292,877	307,795		5,359	313,154	606,031
	Pink	8,877,472	575,967	9,670,424 b	42,849,309		1,540	42,850,849	52,521,273
	Chum	542,075	3,211	545,286	1,522,810		292	1,523,102	2,068,388
All Species Combined									
		9,870,750	2,405,516	12,493,251	49,187,163		26,212	49,213,375	61,706,626

[a] Sportfish catches not available at the time of publication.

[b] Total includes 216,985 fish from systems that were not surveyed. The relationship used to derive this number was based on analyses contained in Barrett et al. 1990.

Table 5. Commercial salmon catch, in number of fish, by species and year, Kodiak Management Area, 1975-1995.

Year	Species					Total
	Chinook	Sockeye	Coho	Pink	Chum	
1975	101	136,418	23,659	2,942,801	84,431	3,187,410
1976	700	641,500	23,700	11,078,000	740,500	12,484,400
1977	600	623,500	27,900	6,252,400	1,072,300	7,976,700
1978	3,228	1,071,782	48,795	15,004,065	814,345	16,942,215
1979	1,907	630,756	140,629	11,285,809	358,336	12,417,437
1980	600	651,000	140,000	17,291,000	1,076,000	19,158,600
1981	1,000	1,289,000	122,000	10,337,000	1,345,000	13,094,000
1982	1,000	1,205,000	344,000	8,076,000	1,266,000	10,892,000
1983	4,000	1,232,000	158,000	4,603,000	1,085,000	7,082,000
1984	5,000	1,951,000	230,000	10,884,000	649,000	13,719,000
1985	5,000	1,843,000	284,000	7,335,000	431,000	9,898,000
1986	4,000	3,155,000	168,000	11,504,000	1,126,000	15,957,000
1987	5,000	1,793,000	192,000	5,073,000	682,000	7,745,000
1988	22,000	2,696,000	300,000	14,556,000	1,426,000	19,000,000
1989 [a]	4,851	2,628,565	141,433	22,648,511	835,734	26,259,094
1990	18,806	5,248,404	293,819	5,983,812	577,743	12,122,584
1991	22,234	5,704,152	324,860	16,642,841	1,029,071	23,723,158
1992	24,299	4,167,877	280,085	3,310,644	679,559	8,462,464
1993	41,029	4,378,941	313,467	34,019,420	588,331	39,341,188
1994	22,576	2,878,023	296,305	8,162,564	738,856	12,098,324
1995	18,704	4,488,545	307,795	42,849,309	1,522,810	49,187,163
10 YearAverage						
1985-94	16,980	3,449,296	259,397	12,923,579	811,429	17,460,681
5 Year Average						
1990-94	25,789	4,475,479	301,707	13,623,856	722,712	19,149,544
Even 10 Year Average						
1985-94	18,336	3,629,061	267,642	8,703,404	909,632	13,528,074
Odd 10 Year Average						
1985-94	15,623	3,269,532	251,152	17,143,754	713,227	21,393,288

[a] 1989 projected catch.

Table 6. Commercial salmon catch numbers and weight by species, District, and Section, Kodiak Management Area, 1995.

District	Species									
	Chinook		Sockeye		Coho		Pink		Chum	
Section	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Afognak										
S.W. AFOGNAK & RASPBERRY (COMBINED) (251-10,11,20)	4,118	36,100	76,761	372,312	16,603	118,709	1,430,194	4,433,133	51,687	369,594
N.W. AFOGNAK (251-30,40,41,50)	183	2,275	61,851	281,515	5,065	41,826	648,078	2,220,169	11,640	87,219
SHUYAK ISLAND SECTION (251-60,70,81)	0	0	220	1,271	2,144	16,728	9,445	32,063	576	3,022
PERENOSA BAY SECTION (251-82,83,84)	7	193	18,397	76,363	6,299	51,822	491,990	1,691,856	397	2,905
N.E. AFOGNAK SECTION (251-90,252-10,20)	116	1,723	4,047	19,330	1,689	11,180	547,838	1,835,171	5,423	36,149
IZHUT BAY SECTION (252-30)	254	4,052	4,911	24,120	13,475	109,235	1,264,738	4,106,259	90,101	619,641
KITOI BAY SECTION (252-32)	104	1,776	1,976	8,716	4,636	36,701	649,386	2,117,905	65,358	475,526
DUCK BAY SECTION (252-31)	320	4,356	24,439	112,796	24,124	190,001	2,605,761	8,642,860	59,892	422,180
S.E. AFOGNAK SECTION (252-33,34,35)	190	2,612	72,417	309,998	3,291	24,441	602,698	2,044,848	4,774	34,956
Sub total	5,292	53,087	265,019	1,206,421	77,326	600,643	8,250,128	27,124,264	289,848	2,051,192

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Table 6. (page 2 of 5)

District / Section	Species: Chinook Number	Chinook Pounds	Sockeye Number	Sockeye Pounds	Coho Number	Coho Pounds	Pink Number	Pink Pounds	Chum Number	Chum Pounds
Northwest Kodiak										
CENTRAL, TERROR BAY, INNER UGANIK, SPIRIDON, ZACHAR & UYAK COMBINED (253-11,12,13,14,31,32,33,35, 254-10,20,30,40,50)	4,659	64,119	959,980	5,133,554	90,361	748,404	15,053,882	54,488,094	527,435	3,979,695
NORTH CAPE, ANTON LARSON, SHERATIN, & KIZHUYAK COMBINED (259-35,36,37,38,39)	398	4,967	64,052	317,803	11,380	81,202	1,442,415	5,015,137	47,230	342,662
Subtotal	5,057	69,086	1,024,032	5,451,357	101,741	829,606	16,496,297	59,503,231	574,665	4,322,357
Southwest Kodiak										
OUTER KARLUK (255-20)	1,319	19,646	133,080	654,738	3,208	29,217	86,347	292,902	20,861	145,559
INNER KARLUK (255-10)	482	6,349	24,059	118,197	370	3,234	24,187	78,835	6,991	48,179
STURGEON SECTION (256-40)	153	2,420	8,798	47,223	279	1,932	7,272	25,753	3,901	32,949
HALIBUT BAY SECTION (256-25,30)	295	4,986	185,855	925,449	1,235	8,613	527,536	1,745,099	24,938	188,034
INNER & OUTER AYAKULIK (256-10,20)	2,466	44,213	629,224	3,109,250	24,266	224,469	2,514,506	7,916,381	40,075	289,469
Subtotal	4,715	77,614	981,016	4,854,857	29,358	267,465	3,159,848	10,058,970	96,766	704,190

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Table 6. (page 3 of 5)

District	Species									
	Chinook		Sockeye		Coho		Pink		Chum	
Section	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Alitak Bay										
CAPE ALITAK (257-10,20)	652	12,569	674,499	3,374,984	5,100	45,742	1,256,456	4,741,058	39,651	316,111
MOSER/OLGA BAY & DOG SALMON FLATS (257-40,41,42)	130	2,577	784,415	4,057,796	10,347	94,682	427,802	1,690,252	19,807	157,793
HUMPY /DEADMAN SECTION (257-50,60,70)	66	1,471	215,255	1,099,868	3,553	28,807	5,381,681	19,740,390	45,766	364,918
Subtotal	848	16,617	1,674,169	8,532,648	19,000	169,231	7,065,939	26,171,700	105,224	838,822
Eastside Kodiak										
SEVEN RIVERS SECTION (258-70,80,83,85,90)	422	5,599	69,811	360,118	5,578	37,028	480,341	1,692,867	44,344	317,082
TWOHEADED SECTION (258-54,55,60)	33	704	10,489	57,505	1,136	8,130	198,868	746,137	6,082	48,041
SITKALIDAK SECTION (258-10,20,30,40,51,52,53)	794	12,332	135,161	709,460	39,278	305,707	4,979,537	17,537,602	219,936	1,714,372
INNER & OUTER UGAK (259-40,41,42)	214	3,920	34,432	177,391	7,633	61,419	534,529	1,936,449	51,476	408,124
Subtotal	1,463	22,555	249,893	1,304,474	53,625	412,284	6,193,275	21,913,055	321,838	2,487,619

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Table 6. (page 4 of 5)

District / Section	Species: Chinook Number	Chinook Pounds	Sockeye Number	Sockeye Pounds	Coho Number	Coho Pounds	Pink Number	Pink Pounds	Chum Number	Chum Pounds
Northeast Kodiak										
OUTER CHINIAK (259-21,25)	4	99	737	4,300	1,168	8,695	318,804	1,107,880	9,702	72,621
INNER CHINIAK (259-23,24)	6	154	146	744	5,291	40,276	423,945	1,411,263	18,528	140,476
BUSKIN RIVER SECTION (259-22)	1	23	80	392	224	1,880	152,975	520,765	5,116	37,949
MONASHKA/MILL BAY SECTION (259-10)	3	76	23	109	336	2,764	92,353	281,867	249	1,665
Subtotal	14	352	986	5,545	7,019	53,615	988,077	3,321,775	33,595	252,711
Mainland										
BIG RIVER SECTION (262-10,15)	0	0	0	0	2,886	23,097	552	1,656	0	0
HALLO BAY SECTION (262-20)	0	0	71	359	497	4,976	108	413	22	156
OUTER KUKAK (262-25,30)	1	36	8,294	33,188	438	2,675	17,870	54,237	2,291	16,371
DAKAVAK BAY SECTION (262-35,40,45,50,55)	63	811	22,691	116,797	565	3,702	16,712	57,412	9,311	68,550

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Table 6. (page 5 of 5)

District	Species									
	Chinook		Sockeye		Coho		Pink		Chum	
Section	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
KATMAI SECTION (262-60)	6	150	4,042	23,240	85	631	2,511	7,756	1,129	8,613
ALINCHAK BAY SECTION (262-65,70)	46	873	22,284	119,748	1,175	8,102	286,718	977,560	35,867	284,795
CAPE IGVAK SECTION (262-75,80,90,95)	1,199	16,563	236,043	1,283,952	14,080	97,055	339,998	1,074,892	51,499	369,801
WIDE BAY SECTION (262-85)	0	0	5	29	0	0	31,276	125,112	755	7,267
Subtotal	1,315	18,433	293,430	1,577,313	19,726	140,238	695,745	2,299,038	100,874	755,553
Kodiak Management Area Grand Total	18,704	257,744	4,488,545	22,932,615	307,795	2,473,082	42,849,309	150,392,033	1,522,810	11,412,444
Average Weight	13.8 lbs		5.1 lbs		8.0 lbs		3.5 lbs		7.5 lbs	

Table 7. Salmon escapements counted through weirs by district and stream, Kodiak Management Area, 1995.

District	Salmon Species					
Stream	Chinook	Sockeye	Coho	Pink	Chum	Total
Afognak						
Afognak	3	100,131	10,542	42,738		153,414
Pauls Bay		13,480	10,663	6,232	692	31,067
Malina	2	10,803		8	1	10,814
Big Bay Creek		6	1,971	11,691		13,668
Bear Creek		1	2,456	4,058		6,515
Little Kitoi		1,180				1,180
subtotal	5	125,601	25,632	64,727	693	216,658
Southwest Kodiak						
Karluk	12,657	743,056	26,914	111,066	136	893,829
Ayakulik	17,701	317,832	8,887	29,005	55	373,480
subtotal	30,358	1,060,888	35,801	140,071	191	1,267,309
Alitak Bay						
Dog Salmon	470	222,170	4,172	204,231	2,180	433,223
Frazer	296	196,362		156		196,814
Upper Station		245,151	5,243	10,677	1	261,072
Akalura		2,010	750	24,641		27,401
subtotal	470	469,331	10,165	239,549	2,181	721,696
Eastside Kodiak						
Saltery	2	43,859	4	58,794	103	102,762
subtotal	2	43,859	4	58,794	103	102,762
Northeast Kodiak						
Buskin	8	15,520	8,694	72,826	43	97,091
subtotal	8	15,520	8,694	72,826	43	97,091
Area Total	30,843	1,715,199	80,296	575,967	3,211	2,405,516

Table 8. Estimated age composition of selected sockeye catches by district and catch area, Kodiak Management Area, 1995.

District Catch Area	Sample Size		Ages 0.1	0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	3.1	1.4	2.3	3.2	2.4	3.3	4.2	3.4	4.3	Total
Afognak																					
NW Afognak	539	Percent	0.0	0.4	0.9	1.1	11.1	1.5	0.0	13.5	27.5	0.2	0.0	41.9	1.9	0.0	0.0	0.0	0.0	0.0	100
		Numbers	0	9	24	28	284	38	0	346	702	5	0	1,071	47	0	0	0	0	0	2,555
SW Afognak	853	Percent	0.0	0.3	0.9	1.4	10.8	3.6	0.0	30.6	17.3	0.6	0.0	32	1.7	0.0	0.9	0.0	0.0	0.0	100
		Numbers	0	92	252	401	3,057	1,009	0	8,646	4,875	166	0	9,040	469	0	241	0	0	0	28,249
Afognak Bay	198	Percent	0.0	0.0	1	0.0	23.7	0.5	0.0	53	11.1	0.0	0.0	10.6	0.0	0.0	0.0	0.0	0.0	0.0	100
		Numbers	0	0	304	0	7,155	152	0	15,984	3,349	0	0	3,197	0	0	0	0	0	0	30,141
District Total	1,590	Percent	0.0	0.2	1.0	0.7	17.2	2.0	0.0	41.0	14.6	0.3	0.0	21.8	0.8	0.0	0.4	0.0	0.0	0.0	100.0
		Numbers	0	101	580	429	10,496	1,199	0	24,976	8,926	171	0	13,308	516	0	241	0	0	0	60,945
Northwest Kodiak																					
Uganik Bay	4,022	Percent	0.0	0.5	1.9	1.3	12.8	1	0	17.7	26.2	0.2	0	26.9	10.2	0	1.2	0	0	0.0	100
		Numbers	0	1,966	7,691	5,460	53,268	4,080	101	73,629	108,873	626	175	111,523	42,498	107	4,830	16	16	0	414,860
Uyak Bay	6,153	Percent	0.0	0.4	1.5	1.1	10.1	0.3	0.0	13.4	29.7	0.1	0.2	23.2	18.1	0.0	1.9	0.1	0.0	0	100
		Numbers	0	2,067	7,556	5,763	51,706	1,693	0	68,645	152,680	546	771	119,065	92,883	0	9,745	262	0	24	513,409
Telrod Cove	1,313	Percent	0.0	0.1	19.9	0.1	60.2	1.9	0.0	4.9	11.6	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	100
		Numbers	0	19	6,312	37	19,089	595	0	1,563	3,667	0	0	409	0	0	0	0	0	0	31,692
District Total	11,488	Percent	0.0	0.4	2.2	1.2	12.9	0.7	0.0	15.0	27.6	0.1	0.1	24.1	14.1	0.0	1.5	0.0	0.0	0.0	100.0
		Numbers	0	4,052	21,559	11,260	124,063	6,368	101	143,837	265,220	1,172	946	230,997	135,381	107	14,575	278	16	24	959,961
Southwest Kodiak																					
Inner and Outer Karluk	500	Percent	0.0	0.0	0.2	0.4	5.2	1.6	0.0	7.2	27.6	1	0.0	24.4	19.2	0.0	12.6	0.4	0.0	0.2	100
		Numbers	0	0	63	125	1,630	502	0	2,257	8,653	314	0	7,650	6,020	0	3,950	125	0	63	31,352
Halibut Bay	533	Percent	0.0	0.2	0.2	2.1	6.9	2.3	0.0	9.9	40.7	0.0	0.0	28.5	8.6	0.2	0.4	0.0	0.0	0.0	100
		Numbers	0	144	144	1,584	5,328	1,728	0	7,632	31,250	0	0	21,889	6,624	144	288	0	0	0	76,757
Inner and Outer Ayakulik	2,942	Percent	0.0	0.8	0.2	2.4	13.4	2.7	0	8.6	34.8	0	0.1	27.2	8.8	0.1	1	0.0	0.0	0	100
		Numbers	0	4,386	1,313	13,709	75,615	15,147	78	48,509	196,918	91	410	154,124	49,817	410	5,696	0	0	78	566,302
District Total	3,975	Percent	0.0	0.7	0.2	2.3	12.2	2.6	0.0	8.7	35.1	0.1	0.1	27.2	9.3	0.1	1.5	0.0	0.0	0.0	100.0
		Numbers	0	4,530	1,520	15,418	82,573	17,377	78	58,398	236,821	405	410	183,663	62,461	554	9,934	125	0	141	674,411
Alitak Bay																					
Cape Alitak	4,748	Percent	0	2.6	0.1	6.7	7.7	1.6	0	8	37.7	0.1	0.1	24.8	9.8	0	0.7	0.0	0.0	0.0	100
		Numbers	278	23,211	492	59,034	68,037	14,266	295	71,320	334,094	883	1,119	219,991	86,962	294	6,250	0	0	0	886,530

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Table 8. (page 2 of 2)

District Catch Area	Sample Size		Ages 0.1	0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	3.1	1.4	2.3	3.2	2.4	3.3	4.2	3.4	4.3	Total
Moser Olga	5,600	Percent	0.0	2	0.0	8 8	7.6	0.1	0	5.8	41.4	0.0	0	24.4	9.1	0	0.6	0.0	0.0	0.0	100
		Numbers	0	15,912	0	69,289	59,777	955	83	45,444	324,672	0	95	191,726	71,339	229	4,898	0	0	0	784,415
District Total	10,348	Percent	0.0	2.3	0.0	7.7	7.6	0.9	0.0	7.0	39.4	0.1	0.1	24.6	9.5	0.0	0.7	0.0	0.0	0.0	100.0
		Numbers	278	39,123	492	128,323	127,814	15,221	378	116,764	658,766	883	1,214	411,717	158,301	523	11,148	0	0	0	1,670,945
Eastside Kodiak																					
Sitkalidak	2,765	Percent	0.0	1.4	0.2	4.6	17	0.3	0	30.1	19.8	0	0.2	23	2.8	0.0	0.5	0.0	0.0	0	100
		Numbers	0	1,588	191	5,211	19,097	282	39	33,866	22,231	39	263	25,905	3,185	0	591	0	0	39	112,525
District Total	2,765	Percent	0.0	1.4	0.2	4.6	17	0.3	0	30.1	19.8	0	0.2	23	2.8	0.0	0.5	0.0	0.0	0	100
		Numbers	0	1,588	191	5,211	19,097	282	39	33,866	22,231	39	263	25,905	3,185	0	591	0	0	39	112,525
Mainland																					
Dakavak	583	Percent	0.0	0.0	0.3	1.8	18.4	0.0	0.0	40.7	10.4	0.0	0.2	27.8	0.0	0.2	0.2	0.0	0.0	0.0	100
		Numbers	0	0	54	307	3,108	0	0	6,899	1,761	0	31	4,715	0	31	31	0	0	0	16,934
Igvak	915	Percent	0.0	0.1	0	0.1	5	0.1	0.0	11.2	9.9	0	0	7.4	0.5	0	0	0.0	0.0	0.0	34.5
		Numbers	0	233	54	251	9,260	251	0	20,594	18,231	54	54	13,592	933	90	0	0	0	0	184,586
District Total	583	Percent	0.0	0.1	0.2	1.4	17.4	0.1	0.0	38.6	15.1	0.0	0.1	26.2	0.4	0.1	0.1	0.0	0.0	0.0	99.9
		Numbers	0	0	0	2	23	0	0	52	20	0	0	35	1	0	0	0	0	0	135
Grand Total	30,749	Percent	0.0	1.4	0.7	4.6	10.5	1.2	0.0	10.9	34.3	0.1	0.1	24.9	10.3	0.0	1.0	0.0	0.0	0.0	100.0
		Numbers	278	49,394	24,342	160,643	364,066	40,447	596	377,893	1,191,984	2,670	2,833	865,625	359,845	1,184	36,489	403	16	204	3,478,922

Table 9. Estimated age composition of NW Afognak Section (251-30-50) sockeye catches, week 28, 1995.

Week	Sample Size		Ages										Total
			0.2	1.1	0.3	1.2	2.1	1.3	2.2	3.1	2.3	3.2	
28	539	Percent	0.4	0.9	1.1	11.1	1.5	13.5	27.5	0.2	41.9	1.9	100
(7/05-7/11)		Numbers	9	24	28	284	38	346	702	5	1,071	47	2,555
Total	539	Percent	0.4	0.9	1.1	11.1	1.5	13.5	27.5	0.2	41.9	1.9	100
		Numbers	9	24	28	284	38	346	702	5	1,071	47	2,555

Table 10. Estimated age composition of SW Afognak Section (251-10-20) sockeye catches, weeks 28 through 31, 1995.

Week	Sample Size		Ages											Total
			0.2	1.1	0.3	1.2	2.1	1.3	2.2	3.1	2.3	3.2	3.3	
28	125	Percent	0.2	1.4	1	10	4.7	25.4	19.6	0.8	33.7	2.6	0.6	100
(7/05-7/11)		Numbers	33	207	145	1,477	689	3,731	2,880	112	4,951	382	95	14,703
29	167	Percent	1.1	0.7	1.7	11.6	4.1	33.9	15	0.6	30.9	0.3	0.1	100
(7/12-7/18)		Numbers	36	23	58	398	141	1,157	511	21	1,054	11	3	3,415
30	516	Percent	0.3	0.3	1.9	10.3	1.6	37.7	15.1	0.4	30.3	1	1.1	100
(7/19-7/25)		Numbers	23	22	138	762	119	2,799	1,124	33	2,256	76	83	7,433
31	45	Percent	0	0	2.2	15.6	2.2	35.6	13.3	0	28.9	0	2.2	100
(7/26-8/01)		Numbers	0	0	60	420	60	959	360	0	779	0	60	2,698
Total	853	Percent	0.3	0.9	1.4	10.8	3.6	30.6	17.3	0.6	32	1.7	0.9	100
		Numbers	92	252	401	3,057	1,009	8,646	4,875	166	9,040	469	241	28,249

Table 11. Estimated age composition of Afognak Bay (252-34) sockeye catches, week 24, 1995.

Week	Sample Size		Ages 1.1	1.2	2.1	1.3	2.2	2.3	Total
24	198	Percent	1	23.7	0.5	53	11.1	10.6	100
(6/07-6/13)		Numbers	304	7,155	152	15,984	3,349	3,197	30,141
Total	198	Percent	1	23.7	0.5	53	11.1	10.6	100
		Numbers	304	7,155	152	15,984	3,349	3,197	30,141

Table 12. Estimated age composition of Uganik Bay (253-11-35) sockeye catches by week, 1995.

Week	Sample Size		Ages 0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	3.1	1.4	2.3	3.2	2.4	3.3	4.2	3.4	Total
24	506	Percent	0.2	0	1.8	11.1	0.1	0	21.1	30.4	0	0	26.3	6.6	0	2.1	0.2	0.2	100
(6/07-6/13)		Numbers	16	0	181	1,105	7	0	2,105	3,042	0	4	2,627	663	0	206	16	16	9,989
25	457	Percent	0	0.1	1.6	8.8	0.7	0	24.5	26.6	0.2	0.1	28.6	7.1	0	1.7	0	0	100
(6/14-6/20)		Numbers	0	32	697	3,737	281	0	10,465	11,338	97	59	12,197	3,043	0	739	0	0	42,685
26	480	Percent	0	0.2	1	6.6	0.9	0	19.8	24.7	0.5	0	34.4	9.8	0	2	0	0	100
(6/21-6/27)		Numbers	23	82	484	3,083	418	0	9,259	11,523	245	5	16,074	4,570	0	940	0	0	46,706
27	0	Percent	0.3	0.1	0.8	6.4	0.4	0	20.7	23.5	0.2	0	37.7	8.2	0	1.8	0	0	100
(6/28-7/04)		Numbers	155	45	456	3,712	224	0	12,099	13,693	134	0	21,985	4,794	0	1,067	0	0	58,363
28	476	Percent	0.4	0	0.6	6.2	0	0	21.9	22	0	0	40.7	6.6	0	1.6	0	0	100
(7/05-7/11)		Numbers	140	2	219	2,297	18	0	8,089	8,137	5	9	15,039	2,436	9	578	0	0	36,978
29	0	Percent	0.2	0	0.3	5.6	0.2	0	23.8	17.3	0	0.2	47.8	3.8	0.2	0.7	0	0	100
(7/12-7/18)		Numbers	43	0	64	1,280	40	0	5,443	3,943	0	40	10,926	862	40	170	0	0	22,852
30	317	Percent	1.6	1.1	1.1	9.1	1.3	0	19.6	21.9	0	0.2	41.4	2.6	0.2	0	0	0	100
(7/19-7/25)		Numbers	395	263	264	2,255	321	0	4,866	5,446	0	58	10,304	641	58	4	0	0	24,875
31	48	Percent	3	2	3.3	18.4	2.6	0	18.3	30.1	0	0	18	4.3	0	0	0	0	100
(7/26-8/01)		Numbers	1,093	729	1,193	6,659	961	0	6,628	10,932	0	0	6,529	1,557	0	0	0	0	36,280
32	81	Percent	0.1	0	2.8	17.8	0.9	0.1	28.9	17.7	0	0	27.3	3.9	0	0.4	0	0	100
(8/02-8/08)		Numbers	25	0	669	4,237	223	25	6,858	4,214	0	0	6,487	918	0	99	0	0	23,754
33	230	Percent	0.3	0.8	3.5	22.2	0.3	0.3	17.1	28.2	0	0	17.9	8	0	1.4	0	0	100
(8/09-8/15)		Numbers	70	157	710	4,532	57	70	3,496	5,761	0	0	3,648	1,627	0	279	0	0	20,407
34	203	Percent	0	9.5	0.6	21.9	1.7	0	6.1	31.7	0.1	0	7.6	20.2	0	0.5	0	0	100
(8/16-8/22)		Numbers	6	3,266	218	7,489	572	6	2,092	10,840	39	0	2,604	6,905	0	179	0	0	34,217

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Table 12. (page 2 of 2)

Week	Sample Size		Ages																Total
			0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	3.1	1.4	2.3	3.2	2.4	3.3	4.2	3.4	
35	390	Percent	0	6.2	0.5	22.7	1.8	0	3.9	33.5	0.2	0	5.4	24.6	0	1	0	0	100
(8/23-8/29)		Numbers	0	2,938	248	10,695	862	0	1,836	15,764	102	0	2,536	11,581	0	481	0	0	47,042
36	498	Percent	0	1.8	0.6	21.8	0.9	0	3.9	37.8	0	0	5.3	27	0	0.9	0	0	100
(8/30-9/05)		Numbers	0	177	54	2,124	85	0	379	3,680	4	0	521	2,634	0	88	0	0	9,747
37	336	Percent	0	0	0.3	6.5	1.2	0	1.5	58	0	0	4.8	27.7	0	0	0	0	100
(9/06-9/12)		Numbers	0	0	2	40	7	0	9	355	0	0	29	169	0	0	0	0	611
38	0	Percent	0	0	0.3	6.5	1.2	0	1.5	58	0	0	4.8	27.7	0	0	0	0	100
(9/13-9/19)		Numbers	0	0	1	23	4	0	5	205	0	0	17	98	0	0	0	0	354
Total	4,022	Percent	0.5	1.9	1.3	12.8	1	0	17.7	26.2	0.2	0	26.9	10.2	0	1.2	0	0	100
		Numbers	1,966	7,691	5,460	53,268	4,080	101	73,629	108,873	626	175	111,523	42,498	107	4,830	16	16	414,860

Table 13. Estimated age composition of Uyak Bay (254-10-40) sockeye catches by week, 1995.

Week	Sample Size		Ages 0.2	1.1	0.3	1.2	2.1	1.3	2.2	3.1	1.4	2.3	3.2	3.3	4.2	4.3	Total
24	515	Percent	0	0	2.1	7	0	11.6	33	0	0	24	13.6	8.4	0	0.2	100
(6/07-6/13)		Numbers	0	0	295	988	0	1,637	4,638	0	4	3,375	1,915	1,181	0	24	14,057
25	484	Percent	0.1	0	1.6	9.7	0.1	19.1	32.1	0	0.1	23.2	11.6	2.4	0	0	100
(6/14-6/20)		Numbers	32	0	624	3,750	32	7,388	12,387	0	48	8,963	4,500	909	0	0	38,632
26	483	Percent	0.1	0	0.9	5.6	0.1	13.9	37.2	0	0	22	17.3	2.9	0	0	100
(6/21-6/27)		Numbers	57	0	421	2,581	57	6,390	17,148	0	0	10,132	8,001	1,338	0	0	46,125
27	461	Percent	0.1	0	0.4	7.1	0.1	19.6	26.6	0.1	0	32.5	11.4	2.2	0.1	0	100
(6/28-7/04)		Numbers	35	0	209	4,000	35	10,956	14,889	34	0	18,211	6,406	1,225	34	0	56,035
28	497	Percent	0.2	0	0.3	8.1	0.2	18.8	23.3	0.2	0	37.8	9.7	1.4	0.2	0	100
(7/05-7/11)		Numbers	84	0	126	3,925	78	9,098	11,253	78	5	18,275	4,677	674	78	0	48,354
29	394	Percent	0.2	0	0.7	4.8	0.1	20.4	18.2	0	0.2	49.2	5.3	0.8	0	0	100
(7/12-7/18)		Numbers	41	4	138	892	11	3,779	3,378	6	40	9,109	981	147	2	0	18,528
30	473	Percent	0	1.3	1	13.1	0.4	23.9	22.7	0.2	0.2	33.1	3.2	0.9	0	0	100
(7/19-7/25)		Numbers	27	766	591	7,514	203	13,723	13,071	102	104	19,035	1,869	514	0	0	57,521
31	0	Percent	0.2	5.5	1.7	22	0.1	17.8	19.5	0.1	0.8	28.6	2.6	1.1	0	0	100
(7/26-8/01)		Numbers	69	1,805	559	7,178	39	5,800	6,379	20	275	9,329	862	353	0	0	32,666
32	341	Percent	1.2	7.3	2.7	25	0.5	12.5	20.8	0	0.8	21.8	5.7	1.6	0.1	0	100
(8/02-8/08)		Numbers	362	2,208	821	7,588	141	3,809	6,335	0	251	6,627	1,746	486	23	0	30,397
33	468	Percent	1.9	4.5	2.9	17	1	6.8	30.3	0	0.1	14.2	18.5	2.4	0.2	0	100
(8/09-8/15)		Numbers	503	1,201	774	4,531	268	1,803	8,078	0	39	3,793	4,936	643	53	0	26,622
34	548	Percent	0.6	1.2	1.3	8	0.6	3.5	38.1	0	0	13.4	30.6	2.3	0.2	0	100
(8/16-8/22)		Numbers	279	561	607	3,668	291	1,604	17,372	0	5	6,128	13,962	1,066	71	0	45,613

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Table 13. (page 2 of 2)

Week	Sample Size		Ages 0.2	1.1	0.3	1.2	2.1	1.3	2.2	3.1	1.4	2.3	3.2	3.3	4.2	4.3	Total
35	999	Percent	1	1.8	0.8	6.8	0.8	3.7	40.7	0.1	0	5.8	37.3	1.2	0	0	100
(8/23-8/29)		Numbers	400	700	294	2,617	312	1,415	15,717	29	0	2,225	14,397	475	1	0	38,581
36	0	Percent	0.4	0.8	0.5	4.6	0.5	2.4	37.3	0.4	0	6.3	45.7	1.2	0	0	100
(8/30-9/05)		Numbers	176	307	223	1,865	185	957	15,172	159	0	2,544	18,570	494	0	0	40,652
37	490	Percent	0	0	0.4	3.1	0.2	1.5	35	0.6	0	6.7	51.2	1.2	0	0	100
(9/06-9/12)		Numbers	2	4	57	427	29	201	4,783	82	0	918	6,996	167	0	0	13,667
38	0	Percent	0	0	0.4	3.1	0.2	1.4	34.9	0.6	0	6.7	51.4	1.2	0	0	100
(9/13-9/19)		Numbers	0	0	22	167	11	78	1,909	33	0	368	2,813	67	0	0	5,469
39	0	Percent	0	0	0.4	3.1	0.2	1.4	34.9	0.6	0	6.7	51.4	1.2	0	0	100
(9/20-9/26)		Numbers	0	0	2	15	1	7	171	3	0	33	252	6	0	0	490
Total	6,153	Percent	0.4	1.5	1.1	10.1	0.3	13.4	29.7	0.1	0.2	23.2	18.1	1.9	0.1	0	100
		Numbers	2,067	7,556	5,763	51,706	1,693	68,645	152,680	546	771	119,065	92,883	9,745	262	24	513,409

Table 14. Estimated age composition of Inner and Outer Karluk Sections sockeye catches, 14 through 20 June, 1995.

Week	Sample Size		Ages												Total
			1.1	0.3	1.2	2.1	1.3	2.2	3.1	2.3	3.2	3.3	4.2	4.3	
25	500	Percent	0.2	0.4	5.2	1.6	7.2	27.6	1	24.4	19.2	12.6	0.4	0.2	100
(6/14-6/20)		Numbers	63	125	1,630	502	2,257	8,653	314	7,650	6,020	3,950	125	63	31,352
Total	500	Percent	0.2	0.4	5.2	1.6	7.2	27.6	1	24.4	19.2	12.6	0.4	0.2	100
		Numbers	63	125	1,630	502	2,257	8,653	314	7,650	6,020	3,950	125	63	31,352

Table 15. Estimated age composition of Halibut and Gurney Bay Sections (256-25-30) sockeye catches, week 28, 1995.

Week	Sample Size		Ages											Total
			0.2	1.1	0.3	1.2	2.1	1.3	2.2	2.3	3.2	2.4	3.3	
28	533	Percent	0.2	0.2	2.1	6.9	2.3	9.9	40.7	28.5	8.6	0.2	0.4	100
(7/05-7/11)		Numbers	144	144	1,584	5,328	1,728	7,632	31,250	21,889	6,624	144	288	76,757
Total	533	Percent	0.2	0.2	2.1	6.9	2.3	9.9	40.7	28.5	8.6	0.2	0.4	100
		Numbers	144	144	1,584	5,328	1,728	7,632	31,250	21,889	6,624	144	288	76,757

Table 16. Estimated age composition of Inner and Outer Ayakulik Sections sockeye catches, 1995.

Week	Sample Size		Ages															
			0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	3.1	1.4	2.3	3.2	2.4	3.3	4.3	Total
24	375	Percent	0.3	0.5	0.8	32	0.5	0	1.6	42.1	0	0	20	1.9	0	0.3	0	100
(6/07-6/13)		Numbers	119	238	356	14,254	238	0	713	18,768	0	0	8,909	832	0	119	0	44,545
25	503	Percent	0.5	0.3	2	12.9	1.6	0	5.8	37.9	0	0	27.4	10.3	0	1.3	0	100
(6/14-6/20)		Numbers	722	359	2,859	18,116	2,244	0	8,139	53,263	0	0	38,539	14,475	0	1,870	0	140,585
26	0	Percent	0.3	0.2	1.6	11.5	4.4	0	5.7	35	0	0	29.2	10.9	0	1.2	0	100
(6/21-6/27)		Numbers	198	122	903	6,576	2,520	0	3,246	19,976	0	0	16,637	6,197	0	695	0	57,070
27	429	Percent	0.2	0.2	0.8	15.1	7.9	0	5.2	31.1	0	0	30	8.7	0	0.7	0	100
(6/28-7/04)		Numbers	116	144	520	9,407	4,906	0	3,265	19,416	0	13	18,700	5,426	13	406	0	62,333
28	0	Percent	0.8	0.2	2.1	14.1	5.3	0	8.8	29.3	0	0.1	31.3	7.4	0.1	0.5	0	100
(7/05-7/11)		Numbers	586	161	1,495	10,122	3,818	0	6,289	21,019	0	65	22,498	5,312	65	354	0	71,784
29	0	Percent	1.1	0.2	2.7	13.6	4.1	0	10.4	28.4	0	0.1	32	6.8	0.1	0.4	0	100
(7/12-7/18)		Numbers	65	13	157	807	245	0	614	1,681	0	7	1,890	402	7	25	0	5,914
30	469	Percent	1.9	0.2	4.3	11.8	0.9	0	15.6	26.6	0	0.2	32.9	4.9	0.2	0.3	0	100
(7/19-7/25)		Numbers	765	71	1,695	4,645	359	0	6,135	10,454	0	92	12,945	1,927	92	135	0	39,316
31	279	Percent	1.9	0	4.9	9.1	0.9	0	18.6	28.7	0	0.3	29.8	4.1	0.3	1.2	0	100
(7/26-8/01)		Numbers	1,503	26	3,752	7,025	719	19	14,398	22,195	0	231	23,041	3,150	231	904	19	77,213
32	412	Percent	0.5	0	6.6	7.5	0.1	0.2	15.7	28.4	0	0	30	7.6	0	3.1	0.2	100
(8/02-8/08)		Numbers	117	8	1,459	1,647	11	47	3,464	6,256	4	2	6,616	1,672	2	686	47	22,039
33	0	Percent	0.5	0.1	5.3	7.2	0.1	0.2	12.9	34.5	0.1	0	24.8	11.6	0	2.6	0.2	100
(8/09-8/15)		Numbers	27	7	299	411	4	10	732	1,965	4	0	1,411	661	0	150	10	5,690
34	0	Percent	0.4	0.3	3	6.9	0.1	0.1	8.6	44.2	0.1	0	16.6	17.7	0	1.8	0.1	100
(8/16-8/22)		Numbers	2	1	17	38	1	1	48	246	1	0	93	98	0	10	1	557

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Table 16. (page 2 of 2)

Week	Sample Size		Ages 0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	3.1	1.4	2.3	3.2	2.4	3.3	4.3	Total
35	475	Percent	0.4	0.4	0.5	6.5	0.2	0	3.8	55.1	0.2	0	7.3	24.5	0	0.9	0	100
(8/23-8/29)		Numbers	125	122	156	1,930	61	1	1,117	16,256	61	0	2,167	7,241	0	260	1	29,498
36	0	Percent	0.4	0.4	0.4	6.5	0.2	0	3.6	55.6	0.2	0	6.9	24.8	0	0.8	0	100
(8/30-9/05)		Numbers	41	41	41	637	21	0	349	5,423	21	0	678	2,424	0	82	0	9,758
Total	2,942	Percent	0.8	0.2	2.4	13.4	2.7	0	8.6	34.8	0	0.1	27.2	8.8	0.1	1	0	100
		Numbers	4,386	1,313	13,709	75,615	15,147	78	48,509	196,918	91	410	154,124	49,817	410	5,696	78	566,302

Table 17. Estimated age composition of Cape Alitak (257-10,20,50,60,70) sockeye catches by week, 1995.

Week	Sample Size		Ages															Total
			0.1	0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	3.1	1.4	2.3	3.2	2.4	3.3	
24	515	Percent	0	1	0	2.3	9.7	1.7	0	6.6	40	0	0.2	26.4	11.3	0	0.8	100
(6/07-6/13)		Numbers	0	709	23	1,610	6,674	1,168	0	4,542	27,591	23	110	18,237	7,804	0	558	69,049
25	525	Percent	0	0.5	0.1	2.8	5.8	3.2	0	3.7	42.4	0.2	0	25.4	15	0	0.8	100
(6/14-6/20)		Numbers	47	958	282	5,707	11,542	6,323	0	7,413	84,916	376	58	50,944	30,022	0	1,687	200,275
26	480	Percent	0.2	0.2	0	1.4	4	4.1	0	4.9	44.5	0.3	0	25.5	14.5	0	0.4	100
(6/21-6/27)		Numbers	207	247	20	1,855	5,234	5,353	0	6,323	57,744	435	0	33,155	18,828	0	501	129,902
27	513	Percent	0	0	0	1.4	1.4	0.8	0	7.9	39.3	0.1	0	34.7	13.3	0	0.9	100
(6/28-7/04)		Numbers	24	24	0	1,187	1,206	720	0	6,787	33,620	49	6	29,679	11,410	6	752	85,470
28	488	Percent	0	0.4	0	2.7	5.4	0.1	0	11.5	33.8	0	0.2	34.5	9.9	0.2	1.3	100
(7/05-7/11)		Numbers	0	283	0	2,071	4,147	73	0	8,845	25,903	0	148	26,468	7,607	117	972	76,633
29	458	Percent	0	2.2	0	4.5	12.5	0.4	0	14.1	38.1	0	0.2	21.4	5.2	0	1.4	100
(7/12-7/18)		Numbers	0	881	0	1,804	5,004	149	0	5,660	15,264	0	93	8,558	2,090	4	568	40,076
30	550	Percent	0	5.8	0	10	10.7	0	0	17.2	24.7	0	0.3	26.7	3.9	0	0.6	100
(7/19-7/25)		Numbers	0	6,055	32	10,377	11,184	17	32	17,923	25,710	0	342	27,789	4,043	32	643	104,182
31	536	Percent	0	8.1	0.1	17.6	6.9	0	0.2	10.5	27.9	0	0.2	24.1	3.5	0.1	0.6	100
(7/26-8/01)		Numbers	0	5,022	93	10,943	4,278	27	107	6,530	17,320	0	113	14,968	2,193	93	402	62,089
32	0	Percent	0	8.2	0.1	23.7	11.6	0.2	0.2	8.8	30.5	0	0.1	14.3	1.9	0.1	0.3	100
(8/02-8/08)		Numbers	0	4,245	42	12,277	5,984	121	102	4,579	15,809	0	42	7,399	997	42	167	51,806
33	485	Percent	0	7.7	0	23.5	17.6	0.4	0.2	6.3	38	0	0.1	4.7	1.5	0	0	100
(8/09-8/15)		Numbers	0	2,310	0	7,092	5,317	132	46	1,907	11,468	0	40	1,427	454	0	0	30,194
34	0	Percent	0	6.9	0	13.3	19.8	0.5	0	2.9	48.6	0	0.4	3.9	3.7	0	0	100
(8/16-8/22)		Numbers	0	1,238	0	2,396	3,561	87	8	526	8,744	0	71	699	657	0	0	17,988
35	198	Percent	0	6.6	0	9.1	20.7	0.5	0	1.5	53	0	0.5	3.5	4.5	0	0	100
(8/23-8/29)		Numbers	0	765	0	1,059	2,411	59	0	176	6,175	0	59	412	529	0	0	11,645

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Table 17. (page 2 of 2)

Week	Sample Size		Ages															Total
			0.1	0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	3.1	1.4	2.3	3.2	2.4	3.3	
36	0	Percent	0	6.6	0	9.1	20.7	0.5	0	1.5	53	0	0.5	3.5	4.5	0	0	100
(8/30-9/05)		Numbers	0	426	0	590	1,344	33	0	98	3,443	0	33	230	295	0	0	6,492
37	0	Percent	0	6.6	0	9.1	20.7	0.5	0	1.5	53	0	0.5	3.5	4.5	0	0	100
(9/06-9/12)		Numbers	0	48	0	66	151	4	0	11	387	0	4	26	33	0	0	729
Total	4,748	Percent	0	2.6	0.1	6.7	7.7	1.6	0	8	37.7	0.1	0.1	24.8	9.8	0	0.7	100
		Numbers	278	23,211	492	59,034	68,037	14,266	295	71,320	334,094	883	1,119	219,991	86,962	294	6,250	886,530

Table 18. Estimated age composition of Moser Olga Bay (257-40,41) sockeye catches by week, 1995.

Week	Sample Size		Ages 0.2	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	2.4	3.3	Total
22	0	Percent	0.8	3.7	6.6	0	0	5	34.4	0	40.2	7.8	0.2	1.4	100
(5/24-5/30)		Numbers	0	2	3	0	0	2	15	0	17	3	0	1	43
23	0	Percent	0.8	3.7	6.6	0	0	5	34.4	0	40.2	7.8	0.2	1.4	100
(5/31-6/06)		Numbers	2	9	16	0	0	13	85	0	100	19	0	3	248
24	515	Percent	0.6	3.9	6.4	0	0	5.4	34.9	0	39	8.5	0.1	1.2	100
(6/07-6/13)		Numbers	544	3,334	5,462	0	0	4,646	29,866	0	33,382	7,270	126	1,001	85,630
25	529	Percent	0.2	4	5.3	0	0	6.1	37.5	0	34.8	11.3	0	0.6	100
(6/14-6/20)		Numbers	313	5,332	6,991	42	0	8,009	49,441	0	45,899	14,879	20	841	131,767
26	470	Percent	0.2	2.2	3.2	0.2	0	4.1	43.5	0	30.6	15.4	0	0.7	100
(6/21-6/27)		Numbers	177	2,027	2,920	153	0	3,789	39,831	0	27,996	14,098	0	608	91,599
27	459	Percent	0.1	2.7	3	0.1	0	3.2	45.4	0	26.1	18.5	0	0.9	100
(6/28-7/04)		Numbers	58	2,141	2,321	58	0	2,501	35,738	0	20,503	14,584	0	733	78,637
28	518	Percent	0.7	2.1	2.7	0	0	5.2	46.7	0	29.2	12.7	0	0.7	100
(7/05-7/11)		Numbers	394	1,170	1,481	21	0	2,896	26,015	0	16,283	7,083	0	369	55,711
29	467	Percent	2.9	9.6	5.1	0.2	0	6.2	47.3	0	22	6.7	0	0.1	100
(7/12-7/18)		Numbers	1,165	3,884	2,071	78	0	2,510	19,239	0	8,940	2,723	0	37	40,647
30	547	Percent	2.9	12.7	3.9	0.2	0	7.5	40.3	0	26.4	5.6	0	0.4	100
(7/19-7/25)		Numbers	2,219	9,601	2,937	139	0	5,674	30,355	21	19,910	4,183	0	326	75,364
31	543	Percent	7	17.7	8.1	0.2	0	7.9	34	0.1	19.4	4.6	0	0.8	100
(7/26-8/01)		Numbers	2,857	7,276	3,324	80	9	3,244	13,945	56	7,964	1,903	9	337	41,002
32	1,017	Percent	7.4	22.2	11.3	0.3	0.1	7.4	34.6	0	12.9	2.8	0.1	0.8	100
(8/02-8/08)		Numbers	2,888	8,669	4,409	102	54	2,877	13,503	18	5,030	1,104	54	310	39,019

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Table 18. (page 2 of 2)

Week	Sample Size		Ages												Total
			0.2	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	2.4	3.3	
33	0	Percent	6.6	22.6	13.5	0.3	0.2	7	37.3	0	9.7	2.2	0.2	0.7	100
(8/09-8/15)		Numbers	596	2,042	1,219	25	14	634	3,376	0	875	201	14	59	9,054
34	535	Percent	3.6	17.8	19.3	0.2	0	6.4	46.2	0	3.8	2.4	0	0.2	100
(8/16-8/22)		Numbers	2,038	10,056	10,955	109	6	3,625	26,164	0	2,166	1,367	6	125	56,618
35	0	Percent	3.4	17.4	19.8	0.2	0	6.4	46.9	0	3.4	2.4	0	0.2	100
(8/23-8/29)		Numbers	822	4,246	4,840	46	0	1,552	11,461	0	822	594	0	46	24,428
36	0	Percent	3.4	17.4	19.8	0.2	0	6.4	46.9	0	3.4	2.4	0	0.2	100
(8/30-9/05)		Numbers	1,391	7,187	8,192	77	0	2,627	19,397	0	1,391	1,005	0	77	41,344
37	0	Percent	3.4	17.4	19.8	0.2	0	6.4	46.9	0	3.4	2.4	0	0.2	100
(9/06-9/12)		Numbers	390	2,013	2,295	22	0	736	5,433	0	390	281	0	22	11,581
38	0	Percent	3.4	17.4	19.8	0.2	0	6.4	46.9	0	3.4	2.4	0	0.2	100
(9/13-9/19)		Numbers	58	300	341	3	0	109	808	0	58	42	0	3	1,723
Total	5,600	Percent	2	8.8	7.6	0.1	0	5.8	41.4	0	24.4	9.1	0	0.6	100
		Numbers	15,912	69,289	59,777	955	83	45,444	324,672	95	191,726	71,339	229	4,898	784,415

Table 19. Estimated age composition of Sitkalidak Section (258-10-53) sockeye catches by week, through 8 August 1995.

Week	Sample Size		Ages														Total
			0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	3.1	1.4	2.3	3.2	3.3	4.3	
25	0	Percent	0.2	0.4	1.2	15.5	1.2	0.2	20.1	34.8	0.2	0.2	16.1	8.7	1	0.2	100
(6/14-6/20)		Numbers	1	2	7	88	7	1	114	198	1	1	92	50	6	1	569
26	503	Percent	0.2	0.4	1.2	15.5	1.2	0.2	20.1	34.8	0.2	0.2	16.1	8.7	1	0.2	100
(6/21-6/27)		Numbers	38	76	227	2,946	227	38	3,815	6,610	38	38	3,059	1,662	189	38	18,998
28	536	Percent	0.4	0.2	4.1	19.9	0	0	23.5	15.2	0	0.5	33	2.4	0.7	0	100
(7/05-7/11)		Numbers	41	17	381	1,838	3	0	2,170	1,408	0	49	3,050	218	67	0	9,243
29	481	Percent	2	0	6	17.1	0	0	32.3	14.4	0	0.1	26.6	1.2	0.1	0	100
(7/12-7/18)		Numbers	1,094	26	3,278	9,314	10	0	17,579	7,846	0	36	14,451	675	72	0	54,380
30	729	Percent	1.3	0.4	4.6	19.2	0.2	0	29.2	17.1	0	0.3	24.8	2.1	0.7	0	100
(7/19-7/25)		Numbers	194	56	717	2,969	34	0	4,518	2,636	0	52	3,830	331	112	0	15,450
31	448	Percent	1.7	0.2	7.1	20.4	0	0	30.6	18.8	0	1.2	17.3	2.1	0.6	0	100
(7/26-8/01)		Numbers	108	13	452	1,305	1	0	1,961	1,204	0	78	1,111	135	41	0	6,409
32	68	Percent	1.5	0	2	8.5	0	0	49.6	31.1	0	0.1	4.2	1.5	1.4	0	100
(8/02-8/08)		Numbers	112	1	149	637	0	0	3,709	2,329	0	9	312	114	104	0	7,476
Total	2,765	Percent	1.4	0.2	4.6	17	0.3	0	30.1	19.8	0	0.2	23	2.8	0.5	0	100
		Numbers	1,588	191	5,211	19,097	282	39	33,866	22,231	39	263	25,905	3,185	591	39	112,525

Table 20. Estimated age composition of Dakavak Bay Section (262-35-55) sockeye catches, weeks 29 through 31, 1995.

Week	Sample Size		Ages									Total
			1.1	0.3	1.2	1.3	2.2	1.4	2.3	2.4	3.3	
29	463	Percent	0.3	2	18.4	41.3	10.3	0.2	27.3	0.2	0.2	100
(7/12-7/18)		Numbers	40	307	2,809	6,314	1,570	31	4,171	31	31	15,303
30	120	Percent	0.8	0	18.3	35.8	11.7	0	33.3	0	0	100
(7/19-7/25)		Numbers	11	0	243	475	155	0	442	0	0	1,325
31	0	Percent	0.8	0	18.3	35.8	11.7	0	33.3	0	0	100
(7/26-8/01)		Numbers	3	0	56	110	36	0	102	0	0	306
Total	583	Percent	0.3	1.8	18.4	40.7	10.4	0.2	27.8	0.2	0.2	100
		Numbers	54	307	3,108	6,899	1,761	31	4,715	31	31	16,934

Table 21. Estimated age composition of Cape Igvak Section (262-75-95) sockeye catches, weeks 25, 26, and 31, 1995.

Week	Sample Size		Ages													Total
			0.2	1.1	0.3	1.2	2.1	1.3	2.2	3.1	1.4	2.3	3.2	2.4	3.3	
25	0	Percent	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(6/14-6/20)		Numbers	0	0	0	0	0	0	0	0	0	0	0	0	0	120,990
26	400	Percent	0.5	0	0.3	18.8	0.3	31.8	35.5	0	0	11.5	1.3	0.3	0	100
(6/21-6/27)		Numbers	180	0	90	6,733	90	11,400	12,747	0	0	4,129	449	90	0	35,907
31	515	Percent	0.2	0.2	0.6	9.1	0.6	33.2	19.8	0.2	0.2	34.2	1.7	0	0	100
(7/26-8/01)		Numbers	54	54	161	2,527	161	9,194	5,484	54	54	9,463	484	0	0	27,689
Total	915	Percent	0.1	0	0.1	5	0.1	11.2	9.9	0	0	7.4	0.5	0	0	34.5
		Numbers	233	54	251	9,260	251	20,594	18,231	54	54	13,592	933	90	0	184,586

Table 22. Estimated age composition of selected sockeye escapements by district and stream , Kodiak Management Area, 1995.

District Stream	Sample Size		Ages 0.1	0.2	1.1	0.3	1.2	2.1	1.3	2.2	3.1	1.4	2.3	3.2	2.4	3.3	3.4	4.3	Total
Afognak																			
Afognak	431	Percent	0.0	0.0	0.3	0.2	17.8	0.5	64.8	9.3	0.0	0.0	7.1	0.0	0.0	0.0	0.0	0.0	100.0
early		Numbers	0	0	65	49	3,898	112	14,222	2,034	0	4	1,550	0	0	0	0	0	21,934
Afognak	417	Percent	0.0	0.0	7.3	0.0	31.9	1.7	34.5	14.6	0.0	0.5	9.6	0.0	0.0	0.0	0.0	0.0	100.0
late		Numbers	0	0	304	0	1,323	69	1,427	603	0	20	396	0	0	0	0	0	4,140
District Total	848	Percent	0.0	0.0	1.4	0.2	20.0	0.7	60.0	10.1	0.0	0.1	7.5	0.0	0.0	0.0	0.0	0.0	100.0
		Numbers	0	0	369	49	5,221	181	15,649	2,637	0	24	1,946	0	0	0	0	0	26,074
Southwest Kodiak																			
Karluk	1,208	Percent	0.0	0.0	1.0	0.2	4.9	4.2	9.7	13.2	2.3	0.0	32.1	14.8	0.1	17.0	0.2	0.4	100.0
early		Numbers	0	0	2,392	413	11,755	9,997	23,102	31,402	5,412	0	76,354	35,119	159	40,542	509	921	238,079
Karluk	1,337	Percent	0.0	0.2	0.2	0.3	1.7	0.3	1.1	55.5	0.1	0.0	16.1	22.4	0.0	2.1	0.0	0.0	100.0
late		Numbers	0	841	906	1,544	8,740	1,424	5,531	280,467	511	0	81,119	113,275	0	10,566	0	56	504,977
Ayakulik	2,500	Percent	0.0	0.1	0.4	1.1	22.1	6.6	3.3	30.9	0.0	0.00	31.6	3.1	0.0	0.8	0.0	0.0	100.0
		Numbers	0	205	1,265	3,409	70,310	20,976	10,526	98,249	0	104	100,433	9,736	93	2,529	0	0	317,832
District Total	5,045	Percent	0.0	0.1	0.4	0.5	8.6	3.1	3.7	38.7	0.6	0.0	24.3	14.9	0.0	5.1	0.0	0.1	100.0
		Numbers	0	1,046	4,563	5,366	90,805	32,397	39,159	410,118	5,923	104	257,906	158,130	252	53,637	509	977	1,060,888
Alitak Bay																			
Upper Station	943	Percent	0.0	0.0	0.5	0.2	28.6	14	1.4	44.0	0.0	0.0	11.2	0.0	0.0	0.0	0.0	0.0	100.0
early		Numbers	0	9	197	97	11,881	5,812	575	18,258	0	0	4,664	0	0	0	0	0	41,492
Upper Station	1,429	Percent	2.5	11.5	0.5	26.1	10.9	2.5	2.6	40.1	0.0	0.0	3.1	0.0	0.0	0.0	0.0	0.0	100.0
late		Numbers	5,186	23,481	1,108	53,207	22,257	5,116	5,295	81,765	0	0	6,240	0	0	0	0	0	203,659
Akalura	464	Percent	0.0	0.0	62.7	0.0	2.2	20.9	3.8	7.5	0.1	0.0	2.5	0.0	0.0	0.0	0.0	0.0	100.0
early		Numbers	0	0	424	0	15	141	26	51	1	0	17	0	0	0	0	0	676
Akalura	196	Percent	0.0	0.0	0.5	0.0	19.9	0.0	13.8	40.3	0.0	0.0	25.0	0.5	0.0	0.0	0.0	0.0	100.0
late		Numbers	0	0	7	0	265	0	184	538	0	0	334	7	0	0	0	0	1,334
Frazer	2,082	Percent	0.0	0.0	1.5	0.0	0.4	21.4	1.0	38.1	0.4	0.0	26	11.0	0.0	0.3	0.0	0.0	100.0
		Numbers	0	0	3,321	0	787	47,454	2,280	84,540	990	0	57,869	24,342	16	574	0	0	222,170 [a]
District Total	5,114	Percent	1.1	5.0	1.1	11.4	7.5	12.5	1.8	39.5	0.2	0.0	14.7	5.2	0.0	0.1	0.0	0.0	100.0
		Numbers	5,186	23,490	5,057	53,304	35,205	58,523	8,360	185,152	991	0	69,124	24,349	16	574	0	0	469,331

-Continued-

Table 22. (page 2 of 2)

District Stream	Sample Size		Ages 0.1	0.2	1.1	0.3	1.2	2.1	1.3	2.2	3.1	1.4	2.3	3.2	2.4	3.3	3.4	4.3	Total
Northeast Kodiak																			
Saltery	437	Percent	0.0	0.0	0.0	0.7	1.6	0.0	82.1	7.3	0.0	0.7	7.5	0.0	0.0	0.0	0.0	0.0	100
		Numbers	0	0	0	300	702	0	36,027	3,212	0	300	3,311	0	0	0	0	0	43,856
Buskin	423	Percent	0.0	0.0	0.0	0.0	12.3	0	30.1	18.8	0.0	0.3	38.4	0.0	0.0	0.0	0.0	0.0	100
		Numbers	0	0	0	0	1,913	6	4,672	2,920	0	40	5,967	0	0	0	0	0	15,520
Buskin	390	Percent	0.0	0.3	0.0	1.0	6.9	0.0	35.6	10.3	0.0	0.0	45.9	0.0	0.0	0.0	0.0	0.0	100.0
subsistence		Numbers	0	1	0	4	27	0	139	40	0	0	179	0	0	0	0	0	390 [b]
District Total	1,250	Percent	0.0	0.0	0.0	0.5	4.4	0.0	68.3	10.3	0.0	0.6	15.8	0.0	0.0	0.0	0.0	0.0	100.0
		Numbers	0	1	0	304	2,642	6	40,838	6,172	0	340	9,457	0	0	0	0	0	59,766
Grand Total	12,257	Percent	0.3	1.5	0.6	3.7	8.3	5.6	6.4	37.4	0.4	0.0	20.9	11.3	0.0	3.4	0.0	0.1	100.0
		Numbers	5,186	24,537	9,989	59,023	133,873	91,107	104,006	604,079	6,914	468	338,433	182,479	268	54,211	509	977	1,616,059

[a] Dog Salmon escapement run off Frazer Fishpass escapement samples.

[b] Represents sample only.

Table 23. Estimated age composition of Afognak sockeye salmon escapement by week, 1995.

Week	Sample Size		Ages 1.1	0.3	1.2	2.1	1.3	2.2	1.4	2.3	Total
22	0	Percent	0	0.2	17.2	0.5	66.1	9	0	7	100
(5/24-5/30)		Numbers	0	4	324	9	1,246	171	0	131	1,885
23	0	Percent	0	0.2	17.2	0.5	66.1	9	0	7	100
(5/31-6/06)		Numbers	0	44	3,264	88	12,572	1,720	0	1,323	19,012
24	431	Percent	0.3	0.2	17.8	0.5	64.8	9.3	0	7.1	100
(6/07-6/13)		Numbers	65	49	3,898	112	14,222	2,034	4	1,550	21,934
25	0	Percent	1.8	0.2	20.8	0.8	58.3	10.4	0.1	7.6	100
(6/14-6/20)		Numbers	335	32	3,841	140	10,756	1,921	22	1,403	18,450
26	0	Percent	3.2	0.1	23.7	1	52.1	11.5	0.2	8.1	100
(6/21-6/27)		Numbers	511	21	3,734	157	8,210	1,809	33	1,277	15,752
27	0	Percent	4.7	0.1	26.6	1.2	46	12.5	0.3	8.6	100
(6/28-7/04)		Numbers	412	8	2,348	108	4,067	1,109	27	761	8,840
28	0	Percent	5.8	0.1	28.8	1.4	41.3	13.4	0.4	9	100
(7/05-7/11)		Numbers	334	3	1,669	82	2,398	776	22	522	5,806
29	417	Percent	7.3	0	31.9	1.7	34.5	14.6	0.5	9.6	100
(7/12-7/18)		Numbers	304	0	1,323	69	1,427	603	20	396	4,140
30	0	Percent	7.4	0	32.1	1.7	34.1	14.6	0.5	9.6	100
(7/19-7/25)		Numbers	98	0	424	22	449	193	6	126	1,318
31	0	Percent	7.4	0	32.1	1.7	34.1	14.6	0.5	9.6	100
(7/26-8/01)		Numbers	97	0	421	22	446	192	6	126	1,310
32	0	Percent	7.4	0	32.1	1.7	34.1	14.6	0.5	9.6	100
(8/02-8/08)		Numbers	47	0	202	11	214	92	3	60	628
33	0	Percent	7.4	0	32.1	1.7	34.1	14.6	0.5	9.6	100
(8/09-8/15)		Numbers	32	0	137	7	145	62	2	41	426
34	0	Percent	7.4	0	32.1	1.7	34.1	14.6	0.5	9.6	100
(8/16-8/22)		Numbers	8	0	36	2	38	16	1	11	111
35	0	Percent	7.4	0	32.1	1.7	34.1	14.6	0.5	9.6	100
(8/23-8/29)		Numbers	15	0	67	3	71	30	1	20	208
36	0	Percent	7.4	0	32.1	1.7	34.1	14.6	0.5	9.6	100
(8/30-9/05)		Numbers	13	0	58	3	62	26	1	17	181
37	0	Percent	7.4	0	32.1	1.7	34.1	14.6	0.5	9.6	100
(9/06-9/12)		Numbers	10	0	42	2	44	19	1	12	130
Total	848	Percent	2.3	0.2	21.8	0.8	56.3	10.8	0.1	7.8	100
		Numbers	2,281	161	21,788	837	56,367	10,773	149	7,776	100,131

Table 24. Length composition of Afognak sockeye salmon escapement samples, 7 June through 13 June, 1995.

	Ages						
	0.3	1.2	1.3	2.1	2.2	2.3	Total
Females							
Mean Length	0	481	534	0	490	525	523
SE	-	4	2	-	10	7	2
Range	0-0	432-544	443-591	0-0	418-597	478-569	418-597
Sample Size	0	29	163	0	16	16	224
Males							
Mean Length	572	492	555	343	493	554	532
SE	-	4	2	29	9	8	3
Range	572-572	420-552	465-602	315-372	408-575	486-610	315-610
Sample Size	1	45	122	2	22	14	206
All Fish							
Mean Length	572	488	543	343	492	539	528
SE	-	3	1	29	6	6	2
Range	572-572	420-552	443-602	315-372	408-597	478-610	315-610
Sample Size	1	74	285	2	38	30	430

Table 25. Length composition of Afognak sockeye salmon escapement samples, 12 July through 18 July, 1995.

	Ages							
	1.1	1.2	1.3	1.4	2.1	2.2	2.3	Total
Females								
Mean Length	0	475	517	530	0	471	516	496
SE	-	3	3	5	-	4	5	2
Range	0-0	413-555	437-575	525-535	0-0	435-523	485-555	413-575
Sample Size	0	65	86	2	0	34	17	204
Males								
Mean Length	321	486	543	0	346	494	537	479
SE	3	4	3	-	9	4	5	6
Range	290-362	305-566	495-613	0-0	320-387	456-541	494-573	290-613
Sample Size	31	69	56	0	7	27	23	213
All Fish								
Mean Length	321	481	527	530	346	481	528	487
SE	3	3	2	5	9	3	4	3
Range	290-362	305-566	437-613	525-535	320-387	435-541	485-573	290-613
Sample Size	31	134	142	2	7	61	40	417

Table 26. Estimated sex composition of Afognak sockeye salmon escapement by week, 1995.

		Sample			Escapement				
					Percent		Number		
Week	Dates	Females	Males	Total	Females	Males	Females	Males	Total
22	5/24-5/30	0	0	0	51.2	48.8	966	919	1,885
23	5/31-6/06	0	0	0	51.3	48.7	9,744	9,268	19,012
24	6/07-6/13	246	234	480	51.2	48.8	11,223	10,711	21,934
25	6/14-6/20	0	0	0	50.7	49.3	9,362	9,088	18,450
26	6/21-6/27	0	0	0	50.3	49.7	7,930	7,822	15,752
27	6/28-7/04	0	0	0	49.9	50.1	4,415	4,425	8,840
28	7/05-7/11	0	0	0	49.6	50.4	2,882	2,924	5,806
29	7/12-7/18	236	244	480	49.2	50.8	2,037	2,103	4,140
30	7/19-7/25	0	0	0	49.2	50.8	648	670	1,318
31	7/26-8/01	0	0	0	49.2	50.8	644	666	1,310
32	8/02-8/08	0	0	0	49.2	50.8	309	319	628
33	8/09-8/15	0	0	0	49.1	50.9	209	217	426
34	8/16-8/22	0	0	0	49.5	50.5	55	56	111
35	8/23-8/29	0	0	0	49.0	51.0	102	106	208
36	8/30-9/05	0	0	0	49.2	50.8	89	92	181
37	9/06-9/12	0	0	0	49.2	50.8	64	66	130
Total		482	478	960	50.6	49.4	50,678	49,453	100,131

Table 27. Estimated age composition of Telrod Cove, Spiridon Bay (254-50) sockeye catches by week, 1995.

Week	Sample Size		Ages 0.2	1.1	0.3	1.2	2.1	1.3	2.2	2.3	Total
30	60	Percent	0	27.9	1.6	34.5	1.6	6.7	16.4	11.4	100
(7/19-7/25)		Numbers	0	490	28	605	28	117	289	200	1,757
31	249	Percent	0	21.1	0.3	52.6	0.9	6	12.9	6.1	100
(7/26-8/01)		Numbers	0	672	9	1,673	29	189	411	195	3,178
32	174	Percent	0	20.2	0	63	0.8	3.4	12	0.5	100
(8/02-8/08)		Numbers	0	539	0	1,678	21	91	320	14	2,663
33	237	Percent	0	21.8	0	62.3	1.8	4.4	9.7	0	100
(8/09-8/15)		Numbers	0	2,306	0	6,602	195	465	1,031	0	10,600
34	184	Percent	0	12.5	0	68.1	1.4	4.2	13.8	0	100
(8/16-8/22)		Numbers	0	866	0	4,710	98	289	951	0	6,914
35	239	Percent	0.1	22.5	0	56.8	3.3	6.4	10.8	0	100
(8/23-8/29)		Numbers	5	894	0	2,254	133	256	428	0	3,970
36	170	Percent	0.5	20.9	0	60	3.5	6	9.1	0	100
(8/30-9/05)		Numbers	13	514	0	1,477	86	147	224	0	2,461
37	0	Percent	0.6	20.6	0	60.6	3.5	5.9	8.8	0	100
(9/06-9/12)		Numbers	1	31	0	90	5	9	13	0	149
Total	1,313	Percent	0.1	19.9	0.1	60.2	1.9	4.9	11.6	1.3	100
		Numbers	19	6,312	37	19,089	595	1,563	3,667	409	31,692

Table 28. Length composition of Spiridon (Telrod Cove) sockeye salmon catch samples, 19 July through 5 September, 1995.

	Ages								
	0.2	0.3	1.1	1.2	1.3	2.1	2.2	2.3	Total
Females									
Mean Length	560	568	455	546	566	479	559	554	548
SE	-	-	18	1	4	11	2	3	1
Range	560-560	568-568	372-558	364-604	473-619	457-492	494-606	528-576	364-619
Sample Size	1	1	13	408	50	3	88	17	581
Males									
Mean Length	0	0	414	570	594	480	572	593	514
SE	-	-	2	1	4	11	4	8	3
Range	0-0	0-0	332-582	383-626	565-624	366-593	456-623	575-625	332-626
Sample Size	0	0	254	369	19	22	63	5	732
All Fish									
Mean Length	560	568	416	557	574	479	564	563	529
SE	-	-	3	1	3	9	2	5	2
Range	560-560	568-568	332-582	364-626	473-624	366-593	456-623	528-625	332-626
Sample Size	1	1	267	777	69	25	151	22	1,313

Table 29. Estimated sex composition of Spiridon sockeye salmon escapement by week, 1995.

		Sample a			Escapement				
					Percent		Number		
Week	Dates	Females	Males	Total	Females	Males	Females	Males	Total
30	(7/19-7/25)	21	44	65	33.0	67.0	579	1,178	1,757
31	(7/26-8/01)	127	154	281	43.0	57.0	1,365	1,813	3,178
32	(8/02-8/08)	90	110	200	44.9	55.1	1,196	1,467	2,663
33	(8/09-8/15)	118	148	266	45.7	54.3	4,839	5,761	10,600
34	(8/16-8/22)	104	96	200	50.2	49.8	3,470	3,444	6,914
35	(8/23-8/29)	104	149	253	41.8	58.2	1,660	2,310	3,970
36	(8/30-9/05)	83	109	192	43.0	57.0	1,058	1,403	2,461
37	(9/06-9/12)	0	0	0	43.0	57.0	64	85	149
Total		647	810	1,457	44.9	55.1	14,232	17,460	31,692

[a] Terminal catch at Telrod Cove used to represent Spiridon sockeye salmon escapement.

Table 30. Estimated age composition of Karluk early run sockeye salmon escapement by week, 1995.

Week	Sample Size		Ages 1.1	0.3	1.2	2.1	1.3	2.2	3.1	2.3	3.2	2.4	3.3	3.4	4.3	Total
21	0	Percent	0	0	0	0	22.2	0	0	33.3	22.2	0	22.2	0	0	100
(5/17-5/23)		Numbers	0	0	0	0	1	0	0	2	1	0	1	0	0	6
22	0	Percent	0	0	0	0	22.2	0	0	33.3	22.2	0	22.2	0	0	100
(5/24-5/30)		Numbers	0	0	0	0	5	0	0	8	5	0	5	0	0	24
23	9	Percent	0	0	0	0	22.2	0	0	33.3	22.2	0	22.2	0	0	100
(5/31-6/06)		Numbers	0	0	0	0	119	0	0	179	119	0	119	0	0	536
24	173	Percent	0.7	0	1.6	3.3	12	11.4	3.1	29.6	19.1	0	18.2	0.5	0.5	100
(6/07-6/13)		Numbers	729	0	1,680	3,340	12,263	11,636	3,192	30,290	19,568	0	18,574	507	507	102,288
25	189	Percent	0.6	0.4	6.6	4.1	10.1	13.7	1.2	34.6	11.4	0	16.9	0	0.4	100
(6/14-6/20)		Numbers	285	160	2,931	1,826	4,500	6,097	518	15,415	5,084	0	7,519	2	161	44,498
26	165	Percent	0.4	0.5	7.9	5.2	7.2	14.4	1.3	33.5	12.6	0.1	16.4	0	0.5	100
(6/21-6/27)		Numbers	237	253	4,396	2,910	3,985	8,018	743	18,645	6,990	79	9,156	0	253	55,666
27	176	Percent	2.8	0	9.3	6.5	5.6	17.4	3.4	31.4	10	0.4	13.1	0	0	100
(6/28-7/04)		Numbers	574	0	1,908	1,348	1,163	3,594	699	6,471	2,058	79	2,707	0	0	20,601
28	158	Percent	4.2	0	9.8	7.9	5.9	16.2	4.9	29.3	8.8	0	13	0	0	100
(7/05-7/11)		Numbers	222	0	522	419	312	860	258	1,555	468	1	687	0	0	5,303
29	174	Percent	3.4	0	3.8	1.6	9.2	13.2	0	42.5	8.5	0	17.7	0	0	100
(7/12-7/18)		Numbers	189	0	207	87	509	730	2	2,344	470	0	974	0	0	5,511
30	164	Percent	4.3	0	3	1.8	6.7	12.8	0	39.6	9.8	0	22	0	0	100
(7/19-7/21)		Numbers	156	0	111	67	245	467	0	1,445	356	0	800	0	0	3,646
Total	1,208	Percent	1	0.2	4.9	4.2	9.7	13.2	2.3	32.1	14.8	0.1	17	0.2	0.4	100
		Numbers	2,392	413	11,755	9,997	23,102	31,402	5,412	76,354	35,119	159	40,542	509	921	238,079

Table 31. Length composition of Karluk early run sockeye salmon escapement samples, 31 May through 21 July, 1995.

	Ages													
	0.3	1.1	1.2	1.3	2.1	2.2	2.3	2.4	3.1	3.2	3.3	3.4	4.3	Total
Females														
Mean Length	0	351	494	539	356	499	529	520	384	489	523	0	469	515
SE	-	-	4	5	11	4	2	-	-	5	3	-	-	2
Range	0-0	351-351	412-538	456-657	322-382	398-592	431-607	520-520	384-384	426-596	428-583	0-0	469-469	322-657
Sample Size	0	1	36	50	5	83	181	1	1	45	97	0	1	501
Males														
Mean Length	587	331	517	554	356	510	553	0	375	500	543	528	455	512
SE	-	3	6	5	3	4	2	-	5	4	4	-	-	3
Range	587-587	298-370	425-578	443-650	292-406	413-607	447-653	0-0	328-418	387-579	433-609	528-528	455-455	292-653
Sample Size	1	24	34	61	44	88	239	0	23	92	96	1	1	704
All Fish														
Mean Length	587	331	505	547	356	504	543	520	375	497	533	528	462	513
SE	-	3	4	4	3	3	2	-	4	3	3	-	7	2
Range	587-587	298-370	412-578	443-657	292-406	398-607	431-653	520-520	328-418	387-596	428-609	528-528	455-469	292-657
Sample Size	1	25	70	111	49	171	420	1	24	137	193	1	2	1,205

Table 32. Estimated sex composition of Karluk early run sockeye salmon escapement by week, 1995.

					Escapement				
		Sample			Percent		Number		
Week	Dates	Females	Males	Total	Females	Males	Females	Males	Total
21	5/17-5/23	0	0	0	16.7	83.3	1	5	6
22	5/24-5/30	0	0	0	12.5	87.5	3	21	24
23	5/31-6/06	2	13	15	13.2	86.8	71	465	536
24	6/07-6/13	41	199	240	21.5	78.5	21,995	80,293	102,288
25	6/14-6/20	119	121	240	49.1	50.9	21,865	22,633	44,498
26	6/21-6/27	118	122	240	48.9	51.1	27,195	28,471	55,666
27	6/28-7/04	115	125	240	45.1	54.9	9,292	11,309	20,601
28	7/05-7/11	94	146	240	38.9	61.1	2,065	3,238	5,303
29	7/12-7/18	89	151	240	43.1	56.9	2,375	3,136	5,511
30	7/19-7/21	114	125	239	47.7	52.3	1,739	1,907	3,646
Total		692	1,002	1,694	36.4	63.6	86,603	151,476	238,079

Table 33. Estimated age composition of Karluk late run sockeye salmon escapement by week, 1995.

Week	Sample Size		Ages 0.2	1.1	0.3	1.2	2.1	1.3	2.2	3.1	2.3	3.2	3.3	4.3	Total
30	0	Percent	0	1.7	0	5.2	0.6	12.6	12.6	0.6	47.1	9.2	10.3	0	100
(7/22-7/25)		Numbers	0	166	0	497	55	1,215	1,215	55	4,529	884	994	0	9,611
31	174	Percent	0	1.2	0.2	4.3	0.6	12	12.8	0.6	46.7	9.4	12.3	0.2	100
(7/26-8/01)		Numbers	0	106	14	373	49	1,040	1,109	49	4,060	814	1,065	14	8,694
32	184	Percent	0.1	0.2	0.5	2.6	0.7	10.5	13.6	0.5	45.5	9.7	15.7	0.5	100
(8/02-8/08)		Numbers	4	18	34	188	53	759	986	38	3,297	704	1,138	34	7,252
33	72	Percent	0.9	1	0.2	3.5	3.8	8.1	23.8	0.2	39.4	9.7	9.3	0.2	100
(8/09-8/15)		Numbers	42	45	8	160	177	372	1,094	8	1,815	448	429	8	4,606
34	14	Percent	0.3	5.4	0.1	1.1	1.1	6.3	28	0.1	43.7	7.8	6.1	0	100
(8/16-8/22)		Numbers	6	100	1	21	21	118	522	1	816	146	114	0	1,865
35	185	Percent	0.5	0.5	0.5	2.9	0.7	0.8	63.6	0.4	19.7	9.5	0.8	0	100
(8/23-8/29)		Numbers	444	418	444	2,390	614	692	52,860	307	16,353	7,933	692	0	83,147
36	181	Percent	0.5	0.1	0.6	2.6	0.3	1	61.4	0.1	21.2	11.3	1	0	100
(8/30-9/05)		Numbers	254	53	294	1,302	126	495	30,623	53	10,565	5,661	474	0	49,899
37	188	Percent	0.1	0	0.9	4.2	0.4	1.1	56.7	0	14.5	21.4	0.7	0	100
(9/06-9/12)		Numbers	91	0	627	2,778	268	718	37,876	0	9,709	14,335	450	0	66,852
38	173	Percent	0	0	0.3	1.7	0.1	0.3	50.3	0	14.2	31.3	1.9	0	100
(9/13-9/19)		Numbers	0	0	122	739	61	122	22,311	0	6,284	13,893	822	0	44,353
39	166	Percent	0	0	0	0.1	0	0	57.7	0	10.4	29.9	1.9	0	100
(9/20-9/26)		Numbers	0	0	0	292	0	0	131,871	0	23,691	68,457	4,388	0	228,698
Total	1,337	Percent	0.2	0.2	0.3	1.7	0.3	1.1	55.5	0.1	16.1	22.4	2.1	0	100
		Numbers	841	906	1,544	8,740	1,424	5,531	280,467	511	81,119	113,275	10,566	56	504,977

Table 34. Length composition of Karluk late run sockeye salmon escapement samples, 22 July through 26 September, 1995.

	Ages												
	0.2	0.3	1.1	1.2	1.3	2.1	2.2	2.3	3.1	3.2	3.3	4.3	Total
Females													
Mean Length	537	512	0	513	525	0	526	535	0	524	528	0	527
SE	-	-	-	7	4	-	2	2	-	3	5	-	1
Range	537-537	512-512	0-0	481-560	490-553	0-0	422-615	441-599	0-0	442-598	481-587	0-0	422-615
Sample Size	1	1	0	16	20	0	301	170	0	125	36	0	670
Males													
Mean Length	509	576	343	542	565	374	552	572	389	553	559	574	553
SE	76	9	9	6	5	8	2	2	14	3	7	-	2
Range	433-585	555-596	316-377	506-618	494-606	333-413	428-620	435-650	375-417	463-632	460-619	574-574	316-650
Sample Size	2	4	6	20	32	9	289	166	3	106	28	1	666
All Fish													
Mean Length	518	563	343	529	549	374	538	553	389	537	542	574	540
SE	45	15	9	5	4	8	1	2	14	2	4	-	1
Range	433-585	512-596	316-377	481-618	490-606	333-413	422-620	435-650	375-417	442-632	460-619	574-574	316-650
Sample Size	3	5	6	36	52	9	590	336	3	231	65	1	1,337

Table 35. Estimated sex composition of Karluk late run sockeye salmon escapement by week, 1995.

		Sample			Escapement				
					Percent		Number		
Week	Dates	Females	Males	Total	Females	Males	Females	Males	Total
30	7/22-7/25	0	0	0	43.8	56.2	4,205	5,406	9,611
31	7/26-8/01	105	135	240	46.0	54.0	4,001	4,693	8,694
32	8/02-8/08	123	116	239	50.3	49.7	3,648	3,604	7,252
33	8/09-8/15	42	54	96	46.5	53.5	2,142	2,464	4,606
34	8/16-8/22	11	6	17	59.6	40.4	1,112	753	1,865
35	8/23-8/29	127	113	240	52.8	47.2	43,872	39,275	83,147
36	8/30-9/05	124	116	240	51.2	48.8	25,571	24,328	49,899
37	9/06-9/12	103	137	240	45.1	54.9	30,125	36,727	66,852
38	9/13-9/19	117	123	240	47.2	52.8	20,954	23,399	44,353
39	9/20-9/26	134	106	240	54.3	45.7	124,114	104,584	228,698
Total		886	906	1,792	51.4	48.6	259,744	245,233	504,977

Table 36. Estimated age composition of Ayakulik sockeye salmon escapement by week, 1995.

Week	Sample Size		Ages 0.2	1.1	0.3	1.2	2.1	1.3	2.2	1.4	2.3	3.2	2.4	3.3	Total
22	0	Percent	0	0	2	32	0	3.9	43.8	0	15.3	3	0	0	100
(5/24-5/30)		Numbers	0	0	35	563	0	69	771	0	268	52	0	0	1,758
23	203	Percent	0	0	1.8	32.6	0.2	2.9	42.9	0	17.5	1.9	0	0.2	100
(5/31-6/06)		Numbers	0	0	780	14,174	98	1,264	18,657	0	7,595	825	0	98	43,492
24	192	Percent	0	0	2.2	34.8	1.2	2.7	35.2	0	22.3	1	0	0.5	100
(6/07-6/13)		Numbers	0	0	868	13,511	474	1,056	13,701	0	8,681	385	0	196	38,873
25	204	Percent	0	0.3	2.2	33.8	5.8	4.8	25.2	0	25.9	1.5	0	0.5	100
(6/14-6/20)		Numbers	0	153	981	14,796	2,535	2,096	11,061	0	11,329	643	0	214	43,808
26	205	Percent	0	0.7	0.8	28.1	13.8	5.5	20.5	0	28.1	1.9	0	0.5	100
(6/21-6/27)		Numbers	0	196	227	7,597	3,726	1,497	5,526	0	7,584	523	0	134	27,010
27	193	Percent	0	0.4	0.3	21.1	22	2.9	21	0.1	28.8	2.6	0	0.6	100
(6/28-7/04)		Numbers	0	106	73	5,378	5,621	747	5,348	33	7,348	675	0	165	25,493
28	195	Percent	0	1.3	0.9	14.8	24.2	2.3	19.1	0.4	34.3	1.4	0	1.3	100
(7/05-7/11)		Numbers	0	193	135	2,137	3,509	337	2,764	59	4,964	205	0	186	14,489
29	178	Percent	0	0.7	0.6	12.8	7.2	3.2	24.1	0.1	43.4	5.8	0	2.1	100
(7/12-7/18)		Numbers	0	109	98	1,992	1,121	495	3,756	12	6,759	897	0	322	15,560
30	170	Percent	0.4	0.4	0.5	10.1	5.2	2.6	25.9	0	46.9	5.2	0.3	2.7	100
(7/19-7/25)		Numbers	131	152	171	3,641	1,882	930	9,358	0	16,978	1,899	93	963	36,198
31	176	Percent	0.3	1.1	0	9.2	5.2	2.4	36.7	0	39.6	5.3	0	0.3	100
(7/26-8/01)		Numbers	72	279	0	2,387	1,337	629	9,486	0	10,230	1,377	0	68	25,864
32	196	Percent	0	0.6	0	9.1	2.7	2.5	42	0	36.7	5.9	0	0.5	100
(8/02-8/08)		Numbers	2	77	0	1,234	369	345	5,724	0	4,992	809	0	68	13,619

-Continued-

Table 36. (page 2 of 2)

Week	Sample Size		Ages 0.2	1.1	0.3	1.2	2.1	1.3	2.2	1.4	2.3	3.2	2.4	3.3	Total
33	194	Percent	0	0	0	11.5	1.6	3.5	40.7	0	38	4.4	0	0.3	100
(8/09-8/15)		Numbers	0	0	0	1,091	156	331	3,866	0	3,613	419	0	29	9,504
34	197	Percent	0	0	0.1	9	0.8	3.6	37.4	0	44.4	4.4	0	0.2	100
(8/16-8/22)		Numbers	0	0	19	1,613	148	643	6,683	0	7,933	787	0	42	17,868
35	197	Percent	0	0	0.5	4.6	0	2	36	0	50.3	5.6	0	1	100
(8/23-8/29)		Numbers	0	0	22	196	0	87	1,548	0	2,159	240	0	44	4,296
Total	2,500	Percent	0.1	0.4	1.1	22.1	6.6	3.3	30.9	0	31.6	3.1	0	0.8	100
		Numbers	205	1,265	3,409	70,310	20,976	10,526	98,249	104	100,433	9,736	93	2,529	317,832

Table 37. Length composition of Ayakulik sockeye salmon escapement samples, 31 May through 29 August, 1995.

	Ages												
	0.2	0.3	1.1	1.2	1.3	1.4	2.1	2.2	2.3	2.4	3.2	3.3	Total
Females													
Mean Length	536	566	0	515	539	0	0	525	560	0	523	553	538
SE	-	8	-	2	4	-	-	1	1	-	4	7	1
Range	536-536	538-592	0-0	450-580	492-582	0-0	0-0	426-593	455-612	0-0	472-590	513-603	426-612
Sample Size	1	6	0	166	32	0	0	342	390	0	43	14	994
Males													
Mean Length	400	588	368	525	567	590	365	543	573	584	548	569	530
SE	-	6	5	2	3	-	2	1	1	-	3	12	2
Range	400-400	555-625	342-391	455-598	489-621	590-590	260-430	410-614	470-727	584-584	496-598	521-620	260-727
Sample Size	1	14	10	290	46	1	164	450	466	1	45	7	1,495
All Fish													
Mean Length	468	581	368	521	556	590	365	535	567	584	536	558	533
SE	68	5	5	1	3	-	2	1	1	-	3	6	1
Range	400-536	538-625	342-391	450-598	489-621	590-590	260-430	410-614	455-727	584-584	472-598	513-620	260-727
Sample Size	2	20	10	456	78	1	164	793	856	1	88	21	2,490

Table 38. Estimated sex composition of Ayakulik sockeye salmon escapement by week, 1995.

		Sample			Escapement				
					Percent		Number		
Week	Dates	Females	Males	Total	Females	Males	Females	Males	Total
22	5/24-5/30	0	0	0	34.9	65.1	613	1,145	1,758
23	5/31-6/06	84	157	241	36.4	63.6	15,847	27,645	43,492
24	6/07-6/13	92	147	239	39.9	60.1	15,506	23,367	38,873
25	6/14-6/20	101	143	244	40.0	60.0	17,525	26,283	43,808
26	6/21-6/27	90	150	240	37.2	62.8	10,047	16,963	27,010
27	6/28-7/04	85	155	240	33.2	66.8	8,451	17,042	25,493
28	7/05-7/11	63	177	240	30.5	69.5	4,423	10,066	14,489
29	7/12-7/18	112	128	240	43.7	56.3	6,800	8,760	15,560
30	7/19-7/25	108	132	240	45.2	54.8	16,355	19,843	36,198
31	7/26-8/01	102	138	240	40.2	59.8	10,406	15,458	25,864
32	8/02-8/08	91	148	239	43.3	56.7	5,901	7,718	13,619
33	8/09-8/15	119	121	240	44.5	55.5	4,233	5,271	9,504
34	8/16-8/22	89	151	240	39.3	60.7	7,029	10,839	17,868
35	8/23-8/29	110	130	240	45.8	54.2	1,969	2,327	4,296
Total		1,246	1,877	3,123	39.4	60.6	125,103	192,729	317,832

Table 39. Estimated age composition of Upper Station early run sockeye escapement by week, 1995.

Week	Sample Size		Ages 0.2	1.1	0.3	1.2	2.1	1.3	2.2	2.3	Total
22	0	Percent	0	0	0	27.1	8.6	1.4	48.6	14.3	100
(5/24-5/30)		Numbers	0	0	0	30	9	2	53	16	109
23	0	Percent	0	0	0	27.1	8.6	1.4	48.6	14.3	100
(5/31-6/06)		Numbers	0	0	0	2,382	752	125	4,262	1,254	8,775
24	210	Percent	0	0.1	0	29.6	9.2	1.4	48.2	11.6	100
(6/07-6/13)		Numbers	0	30	0	6,741	2,093	314	10,975	2,634	22,787
25	237	Percent	0	1	0	31.9	25.1	0.9	36.9	4.2	100
(6/14-6/20)		Numbers	0	52	0	1,639	1,287	45	1,892	218	5,132
26	213	Percent	0	2.4	0	24.2	56.2	0.5	15.2	1.4	100
(6/21-6/27)		Numbers	0	41	0	410	953	9	259	24	1,696
27	72	Percent	0	2.7	0.2	21.7	48.6	2.3	22	2.5	100
(6/28-7/04)		Numbers	0	24	2	195	437	20	197	23	899
28	211	Percent	0.5	2.4	4.5	23.1	13.7	2.8	29.6	23.5	100
(7/05-7/11)		Numbers	8	45	84	430	254	53	551	438	1,863
29	0	Percent	0.5	2.4	4.7	23.2	11.8	2.8	29.9	24.6	100
(7/12-7/15)		Numbers	1	5	11	54	27	7	69	57	231
Total	943	Percent	0	0.5	0.2	28.6	14	1.4	44	11.2	100
		Numbers	9	197	97	11,881	5,812	575	18,258	4,664	41,492

Table 40. Length composition of Upper Station early run sockeye salmon escapement samples, 7 June through 11 July, 1995.

	Ages								
	0.2	0.3	1.1	1.2	1.3	2.1	2.2	2.3	Total
Females									
Mean Length	470	568	0	489	527	437	505	542	505
SE	-	2	-	2	7	39	2	2	1
Range	470-470	564-571	0-0	424-550	498-544	398-476	406-577	505-604	398-604
Sample Size	1	3	0	156	6	2	224	65	457
Males									
Mean Length	0	577	331	498	554	359	519	554	437
SE	-	7	6	4	12	1	4	4	4
Range	0-0	547-603	302-374	412-590	505-612	314-490	363-607	516-603	302-612
Sample Size	0	7	13	90	8	222	90	33	463
All Fish									
Mean Length	470	574	331	492	542	360	509	546	471
SE	-	5	6	2	8	1	2	2	2
Range	470-470	547-603	302-374	412-590	498-612	314-490	363-607	505-604	302-612
Sample Size	1	10	13	246	14	224	315	98	921

Table 41. Estimated sex composition of Upper Station early run sockeye salmon escapement by week, 1995.

					Escapement				
		Sample			Percent		Number		
Week	Dates	Females	Males	Total	Females	Males	Females	Males	Total
22	5/24-5/30	0	0	0	57.8	42.2	63	46	109
23	5/31-6/06	0	0	0	58.2	41.8	5,103	3,672	8,775
24	6/07-6/13	139	100	239	59.1	40.9	13,459	9,328	22,787
25	6/14-6/20	146	93	239	52.6	47.4	2,701	2,431	5,132
26	6/21-6/27	80	160	240	34.7	65.3	589	1,107	1,696
27	6/28-7/04	32	48	80	39.5	60.5	355	544	899
28	7/05-7/11	131	109	240	53.9	46.1	1,004	859	1,863
29	7/12-7/15	0	0	0	54.5	45.5	126	105	231
Total		528	510	1,038	56.4	43.6	23,400	18,092	41,492

Table 42. Estimated age composition of Upper Station late run sockeye escapement by week, 1995.

Week	Sample Size		Ages 0.1	0.2	1.1	0.3	1.2	2.1	1.3	2.2	2.3	Total
29	205	Percent	0.5	10.7	0.5	18.5	13.2	5.4	3.4	24.9	22.9	100
(7/16-7/18)		Numbers	2	53	2	92	65	27	17	124	114	497
30	194	Percent	0.1	20.5	0.9	26	11.6	1.8	6.6	19.8	12.7	100
(7/19-7/25)		Numbers	7	1,924	89	2,444	1,089	166	616	1,862	1,191	9,389
31	203	Percent	0.5	30.8	0.5	19.5	17.8	2.3	3	21	4.6	100
(7/26-8/01)		Numbers	34	2,221	35	1,409	1,283	166	214	1,516	334	7,213
32	217	Percent	0.4	20.2	0.4	32.8	13.1	0.9	2.2	28.6	1.4	100
(8/02-8/08)		Numbers	106	5,775	106	9,349	3,736	253	635	8,173	410	28,544
33	5	Percent	0.1	4.5	0.1	38.7	3	0.2	0.5	52.7	0.3	100
(8/09-8/15)		Numbers	34	1,795	34	15,336	1,186	68	203	20,920	102	39,677
34	210	Percent	1.8	11.1	0.9	32.2	13.6	2.3	3.2	32.9	2.2	100
(8/16-8/22)		Numbers	1,141	7,015	553	20,375	8,587	1,443	1,999	20,852	1,403	63,369
35	211	Percent	8.5	9.6	0.5	10.4	12.7	4.8	2.6	48.2	2.6	100
(8/23-8/29)		Numbers	1,555	1,741	94	1,895	2,315	882	474	8,792	477	18,225
36	184	Percent	6.5	8.1	0.5	6.5	11	5.7	3.1	52.9	5.8	100
(8/30-9/05)		Numbers	1,956	2,465	160	1,956	3,329	1,725	926	16,014	1,752	30,283
37	0	Percent	5.4	7.6	0.5	5.4	10.3	6	3.3	54.3	7.1	100
(9/06-9/12)		Numbers	351	492	35	351	667	386	211	3,512	457	6,462
Total	1,429	Percent	2.5	11.5	0.5	26.1	10.9	2.5	2.6	40.1	3.1	100
		Numbers	5,186	23,481	1,108	53,207	22,257	5,116	5,295	81,765	6,240	203,659

Table 43. Length composition of Upper Station late run sockeye salmon escapement samples, 16 July through 5 September, 1995.

	Ages									
	0.1	0.2	0.3	1.1	1.2	1.3	2.1	2.2	2.3	Total
Females										
Mean Length	420	486	551	0	506	543	452	539	546	529
SE	-	3	2	-	3	5	-	2	4	1
Range	420-420	423-563	491-600	0-0	439-583	482-601	452-452	448-591	465-610	420-610
Sample Size	1	104	158	0	96	32	1	219	62	673
Males										
Mean Length	311	477	566	350	512	570	383	548	557	512
SE	3	3	2	9	4	6	6	2	4	3
Range	288-353	405-587	443-616	300-380	394-587	525-620	318-475	404-619	506-675	288-675
Sample Size	34	134	140	9	100	19	45	225	48	754
All Fish										
Mean Length	314	481	558	350	509	553	385	543	551	520
SE	4	2	1	9	3	4	6	2	3	2
Range	288-420	405-587	443-616	300-380	394-587	482-620	318-475	404-619	465-675	288-675
Sample Size	35	238	298	9	196	51	47	444	110	1,428

Table 44. Estimated sex composition of Upper Station late run sockeye salmon escapement by week, 1995.

		Sample			Escapement				
					Percent		Number		
Week	Dates	Females	Males	Total	Females	Males	Females	Males	Total
29	7/16-7/18	105	135	240	43.7	56.3	217	280	497
30	7/19-7/25	114	124	238	46.7	53.3	4,389	5,000	9,389
31	7/26-8/01	97	143	240	46.2	53.8	3,332	3,881	7,213
32	8/02-8/08	141	99	240	55.7	44.3	15,886	12,658	28,544
33	8/09-8/15	3	3	6	51.6	48.4	20,482	19,195	39,677
34	8/16-8/22	104	136	240	44.4	55.6	28,146	35,223	63,369
35	8/23-8/29	121	119	240	49.1	50.9	8,957	9,268	18,225
36	8/30-9/05	92	108	200	47.0	53.0	14,233	16,050	30,283
37	9/06-9/12	0	0	0	46.0	54.0	2,973	3,489	6,462
Total		777	867	1,644	48.4	51.6	98,615	105,044	203,659

Table 45. Estimated age composition of Akalura early and late run sockeye escapements, 1995.

Run Week	Sample Size		Ages 1.1	1.2	2.1	1.3	2.2	3.1	2.3	3.2	Total
Early Run											
23-28	464	Percent	62.7	2.2	20.9	3.9	7.5	0.2	2.6	0	100
(5/31-7/11)		Numbers	424	15	141	26	51	1	17	0	676
Late Run [a]											
29-37	196	Percent	0.5	19.9	0	13.8	40.3	0	25	0.5	100
(7/12-9/12)		Numbers	7	265	0	184	538	0	334	7	1,334
Total	660	Percent	21.4	13.9	7	10.4	29.3	0.1	17.5	0.3	100
		Numbers	431	280	141	210	589	1	351	7	2,010

[a] Many scale samples were reabsorbed.

Table 46. Length composition of Akalura early and late run sockeye salmon escapement samples, 1995.

	Ages								
	1.1	1.2	1.3	2.1	2.2	2.3	3.1	3.2	Total
Early Run									
Females									
Mean Length	0	453	543	0	487	541	0		511
SE	-	17	5	-	5	6	-		6
Range	0-0	409-491	503-569	0-0	441-529	522-579	0-0		409-579
Sample Size	0	5	13	0	16	8	0		42
Males									
Mean Length	322	458	543	329	460	533	319		336
SE	1	16	10	2	10	30	-		2
Range	285-398	412-498	519-572	299-378	398-561	448-579	319-319		285-579
Sample Size	290	5	5	96	19	4	1		420
All Fish									
Mean Length	322	456	543	329	473	538	319		352
SE	1	11	4	2	6	10	-		3
Range	285-398	409-498	503-572	299-378	398-561	448-579	319-319		285-579
Sample Size	290	10	18	96	35	12	1		462
Late Run									
Females									
Mean Length	0	502	552		514	545		507	523
SE	-	5	3		3	4		-	3
Range	0-0	435-550	526-570		479-570	497-585		507-507	435-585
Sample Size	0	27	15		53	30		1	126
Males									
Mean Length	325	533	563		543	582		0	552
SE	-	6	8		7	5		-	5
Range	325-325	493-564	520-605		437-585	540-615		0-0	325-615
Sample Size	1	12	12		23	18		0	66
All Fish									
Mean Length	325	511	557		523	559		507	533
SE	-	5	4		3	4		-	3
Range	325-325	435-564	520-605		437-585	497-615		507-507	325-615
Sample Size	1	39	27		76	48		1	192

Table 47. Estimated sex composition of Akalura early and late run sockeye salmon escapement by week, 1995.

Run		Sample			Escapement				
					Percent		Number		
Week	Dates	Females	Males	Total	Females	Males	Females	Males	Total
Early Run									
23-27	(6/05-6/30)	49	467	516	9.5	90.5	64	612	676
Late Run									
29-37	(8/01-9/12)	188	123	311	60.5	39.5	806	528	1,334
Total		237	590	827	43.3	56.7	870	1,140	2,010

Table 48. Estimated age composition of Frazer sockeye salmon escapement by week, 1995.

Week	Sample Size		Ages 1.1	1.2	2.1	1.3	2.2	3.1	2.3	3.2	2.4	3.3	Total
24	0	Percent	0.5	0.0	16.7	0.9	48.6	0.0	20.8	12.0	0.0	0.5	100
(6/07-6/13)		Numbers	295	0	10,619	590	30,971	0	13,273	7,669	0	295	63,711
25	216	Percent	0.4	0.0	16.4	0.9	47.6	0.0	22.5	11.6	0.0	0.5	100
(6/14-6/20)		Numbers	126	10	4,789	261	13,930	0	6,584	3,404	0	136	29,239
26	213	Percent	0.1	0.6	18.3	0.5	34.4	0.0	36.2	9.4	0.0	0.4	100
(6/21-6/27)		Numbers	23	93	2,789	79	5,236	0	5,500	1,429	0	56	15,204
27	216	Percent	1.0	0.9	41.0	0.5	24.3	0.5	17.6	14.3	0.0	0.0	100
(6/28-7/04)		Numbers	123	112	5,093	59	3,014	65	2,184	1,770	0	0	12,419
28	202	Percent	1.9	0.1	44.4	0.4	25.8	1.4	15.7	10.3	0.0	0.0	100
(7/05-7/11)		Numbers	666	29	15,747	159	9,140	493	5,580	3,642	0	0	35,457
29	217	Percent	2.4	0.0	19.9	0.2	34.6	1.2	28.2	13.4	0.0	0.0	100
(7/12-7/18)		Numbers	212	0	1,748	21	3,035	106	2,477	1,180	0	0	8,779
30	198	Percent	3.0	0.1	18.1	0.4	26.5	0.9	41.3	9.6	0.0	0.0	100
(7/19-7/25)		Numbers	983	48	5,969	137	8,724	312	13,596	3,158	0	0	32,927
31	201	Percent	3.0	0.6	3.4	0.6	40.7	0.3	34.9	16.1	0.0	0.4	100
(7/26-8/01)		Numbers	106	22	121	20	1,439	11	1,233	570	0	13	3,535
32	201	Percent	2.6	0.5	2.6	1.9	36.2	0.0	43.4	11.8	0.1	0.8	100
(8/02-8/08)		Numbers	195	37	195	145	2,694	3	3,235	877	5	63	7,450
33	207	Percent	2.4	3.1	2.9	5.7	49.3	0.0	30.1	6.0	0.3	0.3	100
(8/09-8/15)		Numbers	93	119	112	220	1,914	0	1,169	235	11	11	3,883
34	211	Percent	5.2	3.3	2.8	6.2	46.4	0.0	31.8	4.3	0.0	0.0	100
(8/16-8/22)		Numbers	365	232	199	431	3,250	0	2,222	298	0	0	6,998
35	0	Percent	5.2	3.3	2.8	6.2	46.4	0.0	31.8	4.3	0.0	0.0	100
(8/23-8/29)		Numbers	24	15	13	28	210	0	144	19	0	0	452
36	0	Percent	5.2	3.3	2.8	6.2	46.4	0.0	31.8	4.3	0.0	0.0	100
(8/30-9/05)		Numbers	53	34	29	63	475	0	325	44	0	0	1,022
37	0	Percent	5.2	3.3	2.8	6.2	46.4	0.0	31.8	4.3	0.0	0.0	100
(9/06-9/12)		Numbers	57	36	31	67	508	0	347	47	0	0	1,094
Total	2,082	Percent	1.5	0.4	21.4	1.0	38.1	0.4	26.0	11.0	0.0	0.3	100
		Numbers	3,321	787	47,454	2,280	84,540	990	57,869	24,342	16	574	222,170 [a]

[a] Frazer Fishpass escapement samples were used to estimate the age composition of Dog Salmon escapement.

Table 49. Length composition of Frazer sockeye salmon escapement samples, 14 June through 22 August, 1995.

	Ages										
	1.1	1.2	1.3	2.1	2.2	2.3	2.4	3.1	3.2	3.3	Total
Females											
Mean Length	0	503	540	371	505	542	0	409	498	560	517
SE	-	9	6	-	1	1	-	-	2	13	1
Range	0-0	447-552	485-591	371-371	438-596	429-591	0-0	409-409	446-550	547-573	371-596
Sample Size	0	13	20	1	456	310	0	1	143	2	946
Males											
Mean Length	323	557	562	358	523	557	571	356	512	546	473
SE	3	12	7	1	2	1	-	7	3	16	3
Range	284-372	505-593	535-600	302-438	427-600	500-628	571-571	316-376	445-574	518-575	284-628
Sample Size	40	6	13	345	331	294	1	8	94	3	1,135
All Fish											
Mean Length	323	520	549	358	513	549	571	362	504	551	493
SE	3	9	5	1	1	1	-	9	2	10	2
Range	284-372	447-593	485-600	302-438	427-600	429-628	571-571	316-409	445-574	518-575	284-628
Sample Size	40	19	33	346	787	604	1	9	237	5	2,081

Table 50. Estimated sex composition of Frazer sockeye salmon escapement by week, 1995.

		Sample			Escapement				
					Percent		Number [a]		
Week	Dates	Females	Males	Total	Females	Males	Females	Males	Total
24	6/07-6/13	0	0	0	26.7	73.3	16,990	46,721	63,711
25	6/14-6/20	64	176	240	28.4	71.6	8,290	20,949	29,239
26	6/21-6/27	120	120	240	44.4	55.6	6,758	8,446	15,204
27	6/28-7/04	86	154	240	33.9	66.1	4,215	8,204	12,419
28	7/05-7/11	73	167	240	32.9	67.1	11,653	23,804	35,457
29	7/12-7/18	131	109	240	43.1	56.9	3,785	4,994	8,779
30	7/19-7/25	74	166	240	37.4	62.6	12,308	20,619	32,927
31	7/26-8/01	169	71	240	62.5	37.5	2,209	1,326	3,535
32	8/02-8/08	122	118	240	53.0	47.0	3,947	3,503	7,450
33	8/09-8/15	133	107	240	53.7	46.3	2,086	1,797	3,883
34	8/16-8/22	123	117	240	51.2	48.8	3,586	3,412	6,998
35	8/23-8/29	0	0	0	51.3	48.7	232	220	452
36	8/30-9/05	0	0	0	51.3	48.7	524	498	1,022
37	9/06-9/12	0	0	0	51.3	48.7	561	533	1,094
Total		1,095	1,305	2,400	34.7	65.3	77,144	145,026	222,170

[a] Frazer Fishpass escapement samples were used to estimate the sex composition of Dog Salmon escapement.

Table 51. Estimated age composition of Saltery sockeye salmon escapement by week, 1995.

Week	Sample Size		Ages 0.3	1.2	1.3	2.2	1.4	2.3	Total
26	0	Percent	0.7	1.6	82.2	7.3	0.7	7.6	100
(6/21-6/27)		Numbers	11	25	1,301	116	11	120	1,584
27	0	Percent	0.7	1.6	82.2	7.3	0.7	7.6	100
(6/28-7/04)		Numbers	27	64	3,289	293	27	302	4,004
28	437	Percent	0.7	1.6	82.2	7.3	0.7	7.6	100
(7/05-7/11)		Numbers	63	147	7,557	674	63	695	9,199
29	0	Percent	0.7	1.6	82.2	7.3	0.7	7.6	100
(7/12-7/18)		Numbers	62	145	7,417	661	62	682	9,029
30	0	Percent	0.7	1.6	82.2	7.3	0.7	7.6	100
(7/19-7/25)		Numbers	61	143	7,336	654	61	674	8,930
31	0	Percent	0.7	1.6	82.2	7.3	0.7	7.6	100
(7/26-8/01)		Numbers	47	111	5,684	507	47	522	6,919
32	0	Percent	0.7	1.6	82.2	7.3	0.7	7.6	100
(8/02-8/08)		Numbers	21	48	2,483	221	21	228	3,022
33	0	Percent	0.7	1.6	82.2	7.3	0.7	7.6	100
(8/09-8/15)		Numbers	8	19	960	86	8	88	1,169
Total	437	Percent	0.7	1.6	82.1	7.3	0.7	7.5	100
		Numbers	300	702	36,027	3,212	300	3,311	43,856

Table 52. Length composition of Saltery sockeye salmon escapement samples, 5 July through 11 July, 1995.

	Ages						
	0.3	1.2	1.3	1.4	2.2	2.3	Total
Females							
Mean Length	576	483	551	536	508	548	548
SE	-	9	1	1	10	4	2
Range	576-576	475-492	500-598	536-537	450-553	521-580	450-598
Sample Size	1	2	193	2	11	18	227
Males							
Mean Length	597	522	578	604	517	568	570
SE	3	5	2	-	6	4	2
Range	594-600	509-538	520-795	604-604	435-551	535-597	435-795
Sample Size	2	5	166	1	21	15	210
All Fish							
Mean Length	590	511	564	559	514	557	559
SE	7	8	1	23	5	3	1
Range	576-600	475-538	500-795	536-604	435-553	521-597	435-795
Sample Size	3	7	359	3	32	33	437

Table 53. Estimated sex composition of Saltery sockeye salmon escapement by week, 1995.

		Sample			Escapement				
					Percent		Number		
Week	Dates	Females	Males	Total	Females	Males	Females	Males	Total
26	6/21-6/27	0	0	0	50.4	49.6	799	785	1,584
27	6/28-7/04	0	0	0	50.4	49.6	2,020	1,984	4,004
28	7/05-7/11	285	280	565	50.4	49.6	4,640	4,559	9,199
29	7/12-7/18	0	0	0	50.4	49.6	4,554	4,475	9,029
30	7/19-7/25	0	0	0	50.4	49.6	4,505	4,425	8,930
31	7/26-8/01	0	0	0	50.4	49.6	3,490	3,429	6,919
32	8/02-8/08	0	0	0	50.4	49.6	1,524	1,498	3,022
33	8/09-8/15	0	0	0	50.5	49.5	590	579	1,169
Total		285	280	565	50.4	49.6	22,122	21,734	43,856

Table 54. Estimated age composition of Buskin sockeye salmon escapement by week, 1995.

Week	Sample Size		Ages 1.2	2.1	1.3	2.2	1.4	2.3	Total
22	0	Percent	13	0	30	15	2	40	100
(5/24-5/30)		Numbers	4	0	10	5	1	14	34
23	100	Percent	10.2	0	35.4	13.6	1.4	39.4	100
(5/31-6/06)		Numbers	279	0	974	374	39	1,082	2,748
24	29	Percent	5.4	0	41.3	14.2	0	39.2	100
(6/07-6/13)		Numbers	219	0	1,666	572	0	1,581	4,037
25	65	Percent	8.6	0	28.3	22.8	0	40.3	100
(6/14-6/20)		Numbers	433	0	1,420	1,146	0	2,024	5,024
26	70	Percent	9.1	0	21.3	33.2	0	36.4	100
(6/21-6/27)		Numbers	109	0	256	399	0	437	1,201
27	11	Percent	21.8	0.1	24.5	23.9	0	29.8	100
(6/28-7/04)		Numbers	179	1	201	196	0	245	822
28	120	Percent	15.8	0.8	17.7	32.6	0	33.1	100
(7/05-7/11)		Numbers	53	3	59	109	0	111	336
29	0	Percent	13.9	0.4	18.8	26.4	0	40.5	100
(7/12-7/18)		Numbers	60	2	82	115	0	176	435
30	25	Percent	33	0	12.3	12.9	0	41.8	100
(7/19-7/25)		Numbers	11	0	4	4	0	14	34
31	3	Percent	66.7	0	0	0	0	33.3	100
(7/26-8/01)		Numbers	11	0	0	0	0	5	16
33	0	Percent	66.7	0	0	0	0	33.3	100
(8/09-8/15)		Numbers	461	0	0	0	0	231	692
34	0	Percent	66.7	0	0	0	0	33.3	100
(8/16-8/22)		Numbers	56	0	0	0	0	28	84
35	0	Percent	66.7	0	0	0	0	33.3	100
(8/23-8/29)		Numbers	25	0	0	0	0	13	38
36	0	Percent	66.7	0	0	0	0	33.3	100
(8/30-9/05)		Numbers	8	0	0	0	0	4	12
37	0	Percent	66.7	0	0	0	0	33.3	100
(9/06-9/12)		Numbers	5	0	0	0	0	2	7
Total	423	Percent	12.3	0	30.1	18.8	0.3	38.4	100
		Numbers	1,913	6	4,672	2,920	40	5,967	15,520

Table 55. Length composition of Buskin sockeye salmon escapement samples, 31 May through 1 August, 1995.

	Ages						
	1.2	1.3	1.4	2.1	2.2	2.3	Total
Females							
Mean Length	485	535	510	0	488	530	516
SE	4	3	-	-	4	2	2
Range	442-557	428-576	510-510	0-0	440-576	478-595	428-595
Sample Size	31	59	1	0	55	94	240
Males							
Mean Length	494	575	627	351	516	570	547
SE	7	4	-	-	6	4	4
Range	418-534	507-613	627-627	351-351	380-580	456-630	351-630
Sample Size	22	46	1	1	48	64	182
All Fish							
Mean Length	488	552	568	351	501	546	529
SE	4	3	59	-	4	3	2
Range	418-557	428-613	510-627	351-351	380-580	456-630	351-630
Sample Size	53	105	2	1	104	158	423

Table 56. Estimated sex composition of Buskin sockeye salmon escapement by week, 1995.

		Sample			Escapement				
					Percent		Number		
Week	Dates	Females	Males	Total	Females	Males	Females	Males	Total
22	5/24-5/30	0	0	0	55.9	44.1	19	15	34
23	5/31-6/06	58	48	106	53.3	46.7	1,465	1,283	2,748
24	6/07-6/13	17	17	34	51.8	48.2	2,093	1,944	4,037
25	6/14-6/20	41	33	74	56.4	43.6	2,835	2,189	5,024
26	6/21-6/27	46	25	71	63.5	36.5	763	438	1,201
27	6/28-7/04	9	4	13	66.3	33.7	545	277	822
28	7/05-7/11	68	61	129	52.7	47.3	177	159	336
29	7/12-7/18	0	0	0	50.3	49.7	219	216	435
30	7/19-7/25	13	14	27	55.9	44.1	19	15	34
31	7/26-8/01	2	1	3	68.8	31.3	11	5	16
33	8/09-8/15	0	0	0	66.6	33.4	461	231	692
34	8/16-8/22	0	0	0	66.7	33.3	56	28	84
35	8/23-8/29	0	0	0	65.8	34.2	25	13	38
36	8/30-9/05	0	0	0	66.7	33.3	8	4	12
37	9/06-9/12	0	0	0	71.4	28.6	5	2	7
Total		254	203	457	56.1	43.9	8,700	6,820	15,520

Table 57. Age composition of Buskin sockeye salmon subsistence samples by day, 1995.

Date		Ages						Total
		0.2	0.3	1.2	1.3	2.2	2.3	
06/08	Numbers	0	0	3	31	9	51	94
	Percent	0	0	3	33	10	54	100
06/09	Numbers	0	0	5	18	5	16	44
	Percent	0	0	11	41	11	36	99
06/16	Numbers	0	1	3	9	7	17	37
	Percent	0	3	8	24	19	46	100
06/17	Numbers	0	0	0	7	5	23	35
	Percent	0	0	0	20	14	66	100
06/23	Numbers	0	1	0	2	0	2	5
	Percent	0	20	0	40	0	40	100
06/24	Numbers	1	2	3	10	4	22	42
	Percent	2	5	7	24	10	52	100
06/28	Numbers	0	0	1	5	1	6	13
	Percent	0	0	8	38	8	46	100
07/01	Numbers	0	0	1	6	1	9	17
	Percent	0	0	6	35	6	53	100
07/11	Numbers	0	0	7	19	5	17	48
	Percent	0	0	15	40	10	35	100
07/12	Numbers	0	0	0	2	3	5	10
	Percent	0	0	0	20	30	50	100
07/13	Numbers	0	0	2	23	0	9	34
	Percent	0	0	6	68	0	26	100
07/14	Numbers	0	0	2	7	0	2	11
	Percent	0	0	18	64	0	18	100
Total	Numbers	1	4	27	139	40	179	390
	Percent	0	1	7	36	10	46	100

Table 58. Length composition of Buskin sockeye salmon subsistence samples 8 June through 14 July, 1995.

	Ages						
	0.2	0.3	1.2	1.3	2.2	2.3	Total
Females							
Mean Length	0	533	498	542	501	537	535
SE	-	21	9	3	5	3	2
Range	0-0	494-565	465-548	452-600	482-537	467-593	452-600
Sample Size	0	3	9	75	10	83	180
Males							
Mean Length	511	552	526	561	525	568	556
SE	-	-	8	5	5	3	2
Range	511-511	552-552	470-593	483-670	484-591	505-637	470-670
Sample Size	1	1	18	63	30	96	209
All Fish							
Mean Length	511	537	517	551	519	554	546
SE	-	15	6	3	4	2	2
Range	511-511	494-565	465-593	452-670	482-591	467-637	452-670
Sample Size	1	4	27	138	40	179	389

Table 59. Sex composition of Buskin sockeye salmon subsistence samples, 1995.

		Sample				
		Number			Percent	
Week	Dates	Females	Males	Total	Females	Males
24-30	6/07-7/25	195	224	419	46.5	53.5

Table 60. Age composition of coho salmon from the Buskin sportfish and egg take samples by day, 1995.

Date		Ages 1.0	1.1	2.0	2.1	2.2	3.1	Total
Sportfish hook/line								
8/23/95	Numbers	0	0	0	2	0	0	2
	Percent	0.0	0.0	0.0	100.0	0.0	0.0	100.0
8/28/95	Numbers	0	0	0	2	0	0	2
	Percent	0.0	0.0	0.0	100.0	0.0	0.0	100.0
8/30/95	Numbers	0	0	0	3	0	0	3
	Percent	0.0	0.0	0.0	100.0	0.0	0.0	100.0
9/1/95	Numbers	0	2	1	1	0	0	4
	Percent	0.0	50.0	25.0	25.0	0.0	0.0	100.0
9/2/95	Numbers	0	0	0	6	0	0	6
	Percent	0.0	0.0	0.0	100.0	0.0	0.0	100.0
9/3/95	Numbers	0	1	0	5	0	0	6
	Percent	0.0	16.7	0.0	83.3	0.0	0.0	100.0
9/5/95	Numbers	0	2	0	9	0	0	11
	Percent	0.0	18.2	0.0	81.8	0.0	0.0	100.0
9/7/95	Numbers	0	10	0	13	0	0	23
	Percent	0.0	43.5	0.0	56.5	0.0	0.0	100.0
9/8/95	Numbers	0	4	0	12	1	1	18
	Percent	0.0	22.2	0.0	66.7	5.6	5.6	100.0
9/9/95	Numbers	0	8	0	28	0	0	36
	Percent	0.0	22.2	0.0	77.8	0.0	0.0	100.0
9/10/95	Numbers	0	4	0	3	0	0	7
	Percent	0.0	57.1	0.0	42.9	0.0	0.0	100.0
9/11/95	Numbers	0	5	0	25	0	0	30
	Percent	0.0	16.7	0.0	83.3	0.0	0.0	100.0
9/12/95	Numbers	0	8	0	19	0	1	28
	Percent	0.0	28.6	0.0	67.9	0.0	3.6	100.0
9/13/95	Numbers	1	8	0	16	0	2	27
	Percent	3.7	29.6	0.0	59.3	0.0	7.4	100.0
9/14/95	Numbers	0	4	0	20	0	0	24
	Percent	0.0	16.7	0.0	83.3	0.0	0.0	100.0
subtotal	Numbers	1	56	1	164	1	4	227
	Percent	0.4	24.7	0.4	72.2	0.4	1.8	100.0
Egg take								
10/23/95	Numbers	0	18	0	75	0	3	96
	Percent	0.0	18.8	0.0	78.1	0.0	3.1	100.0
subtotal	Numbers	0	18	0	75	0	3	96
	Percent	0.0	18.8	0.0	78.1	0.0	3.1	100.0
Total	Numbers	1	74	1	239	1	7	323
	Percent	0.3	22.9	0.3	74.0	0.3	2.2	100.0

Table 61. Age composition of westside and eastside Kodiak chum catch samples, by catch area, 1995.

Catch Area	Week	Dates		Ages 0.2	0.3	0.4	0.5	Total
Uganik Bay	31	(7/26-8/01)	Numbers	4	181	25	3	213
			Percent	1.9	85.0	11.7	1.4	100.0
Westside Kodiak	31	(7/26-8/01)	Numbers	2	95	14		111
			Percent	1.8	85.6	12.6	0.0	100.0
Eastside Kodiak	33	(8/09-8/15)	Numbers	1	77	24	4	106
			Percent	0.9	72.6	22.6	3.8	100.0
Total				7	353	63	7	430
				1.6	82.1	14.7	1.6	100.0

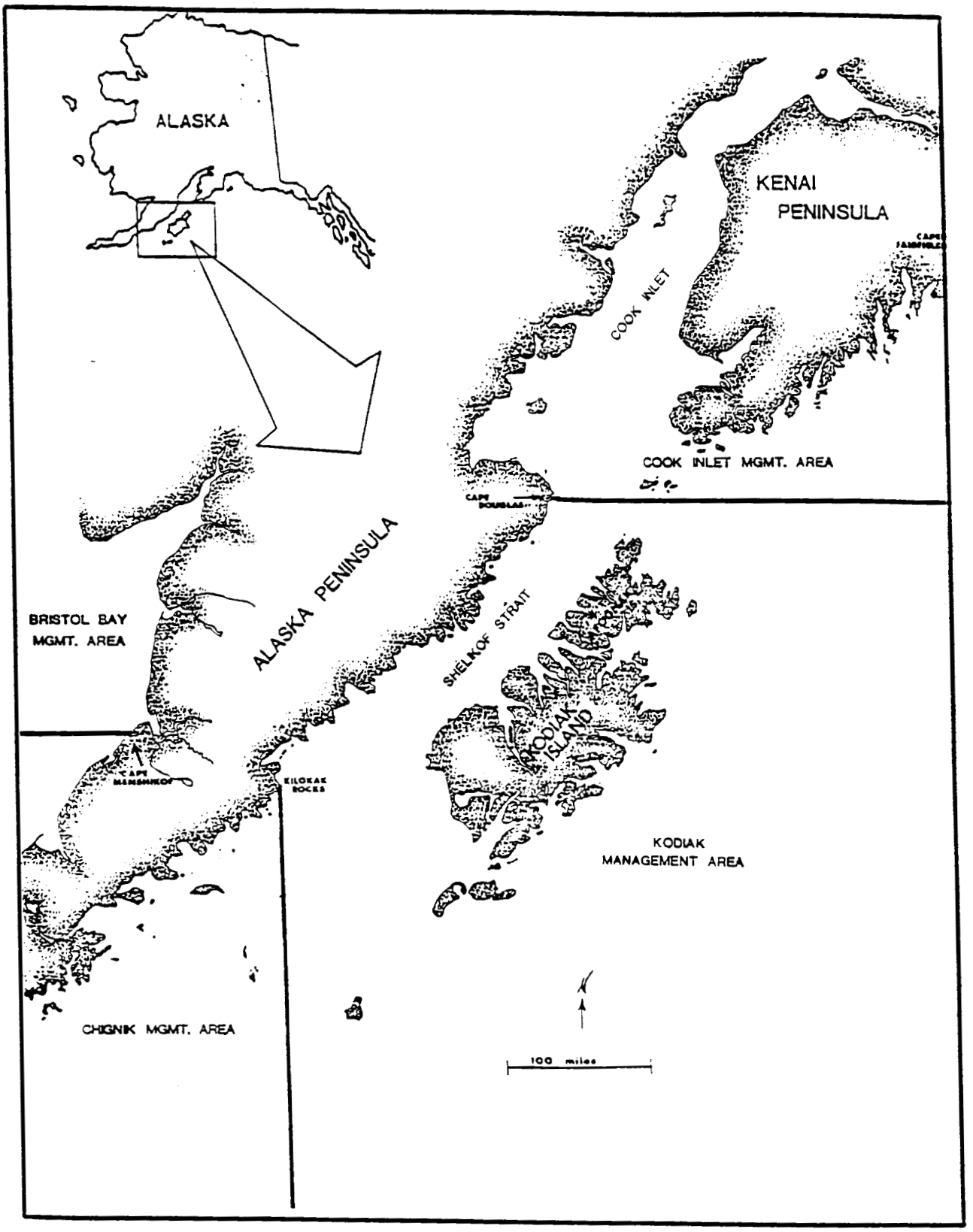

Figure 1. Location of Kodiak and adjacent salmon management areas, 1995

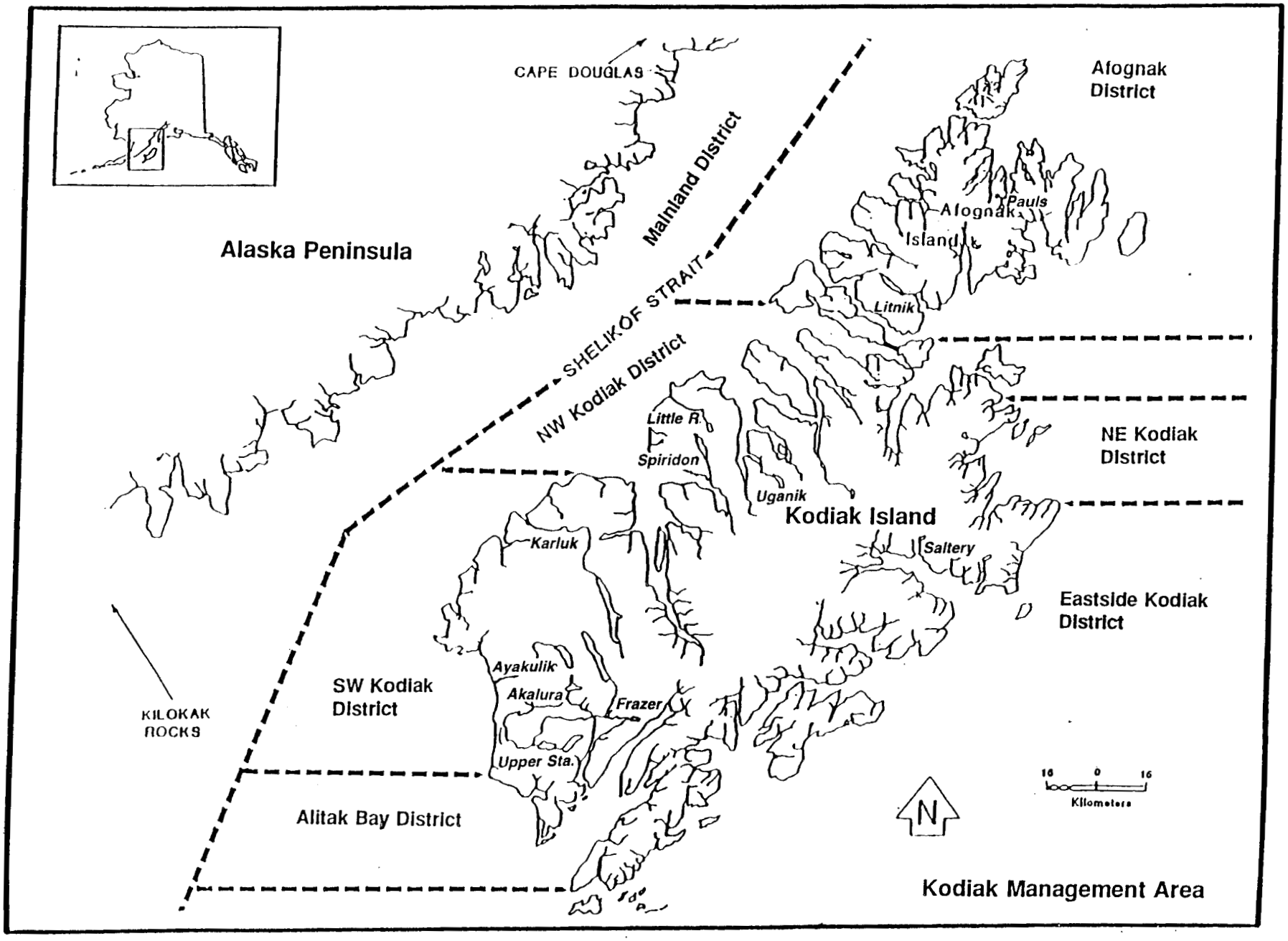

Figure 2. Location of salmon fishing districts within the Kodiak Management Area, 1995

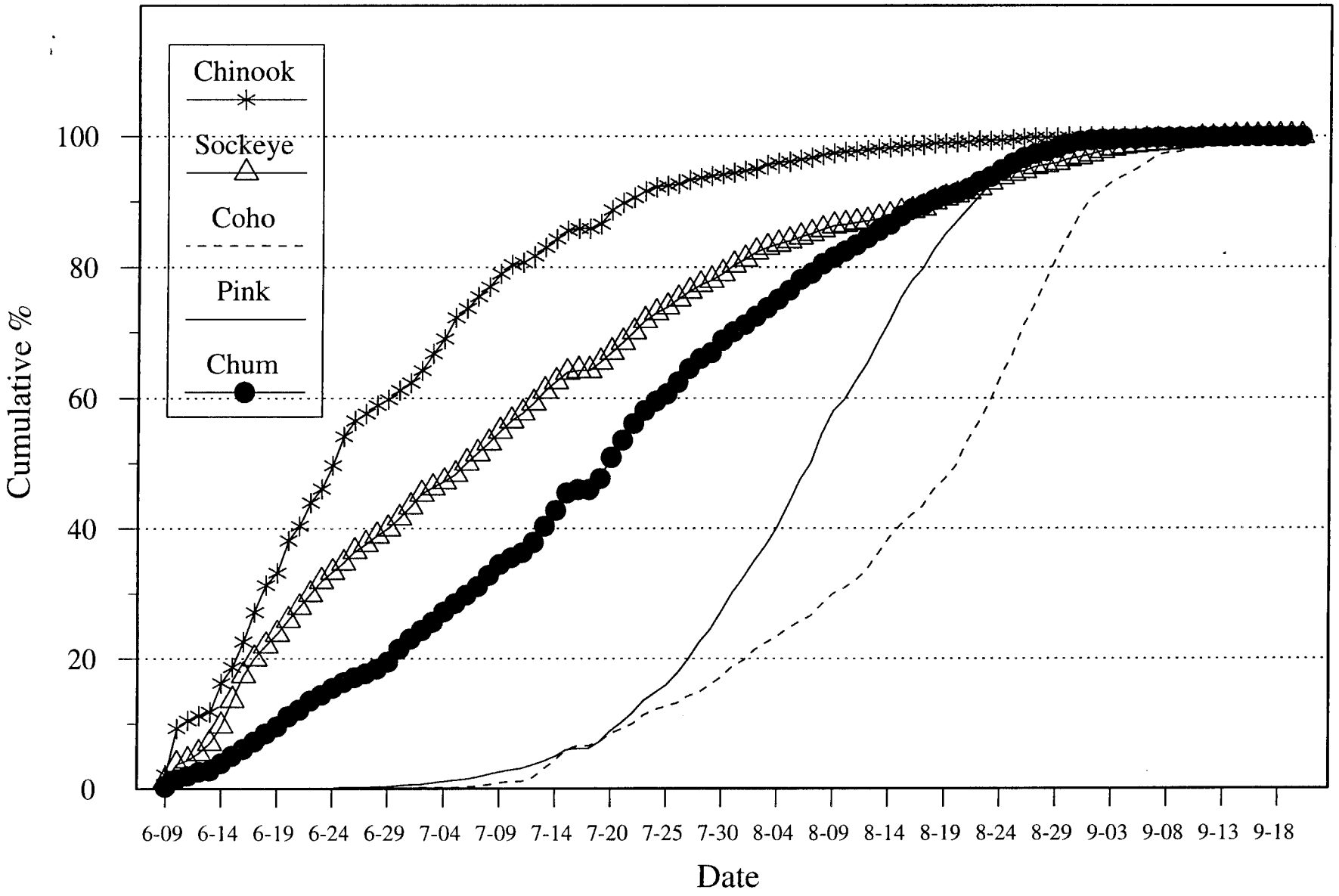

Figure 3. Salmon catch by species presented as cumulative percent by day, Kodiak Management Area, 1995.

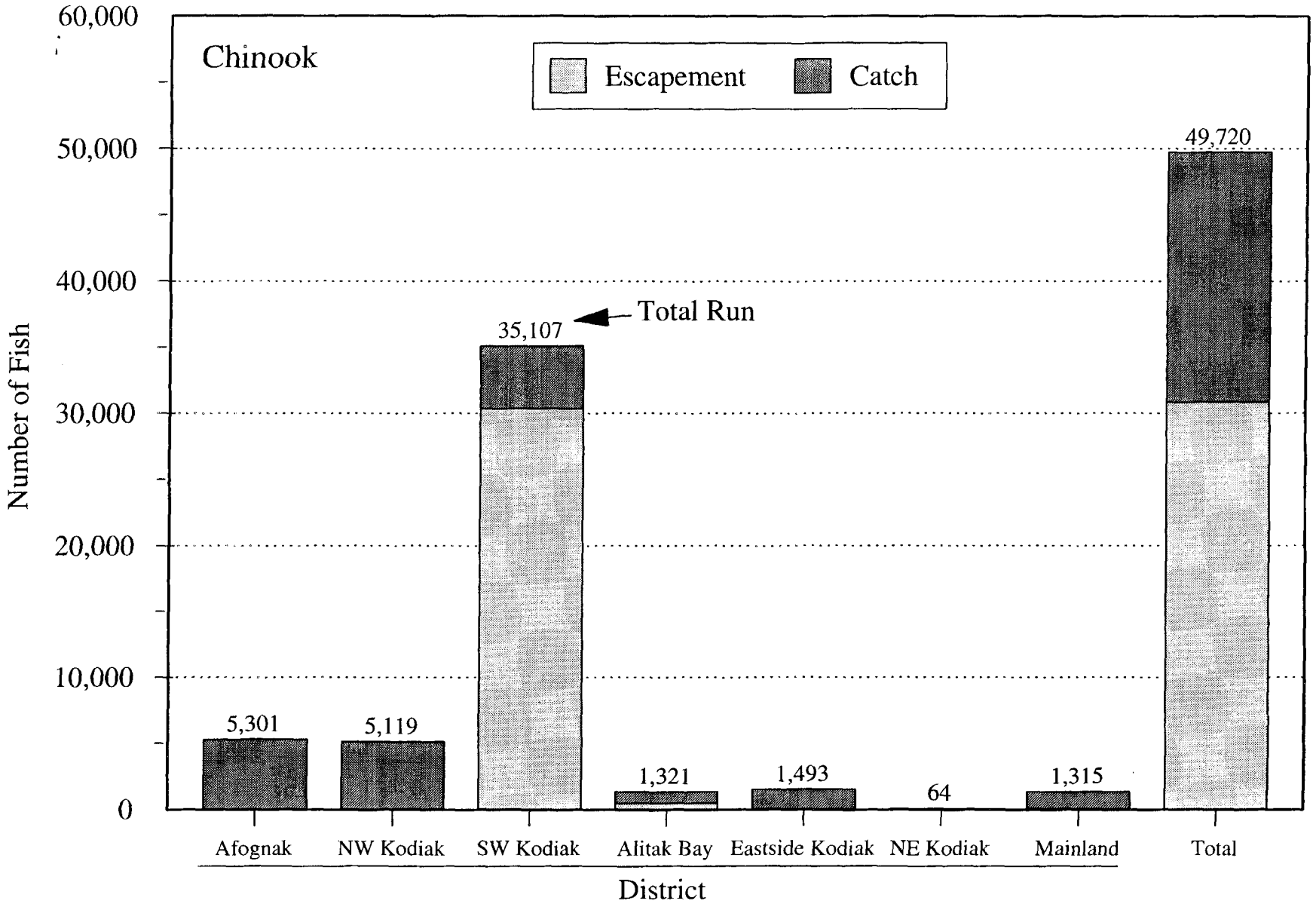

Figure 4. Chinook salmon catch, escapement, and total run by district, Kodiak Management Area, 1995.

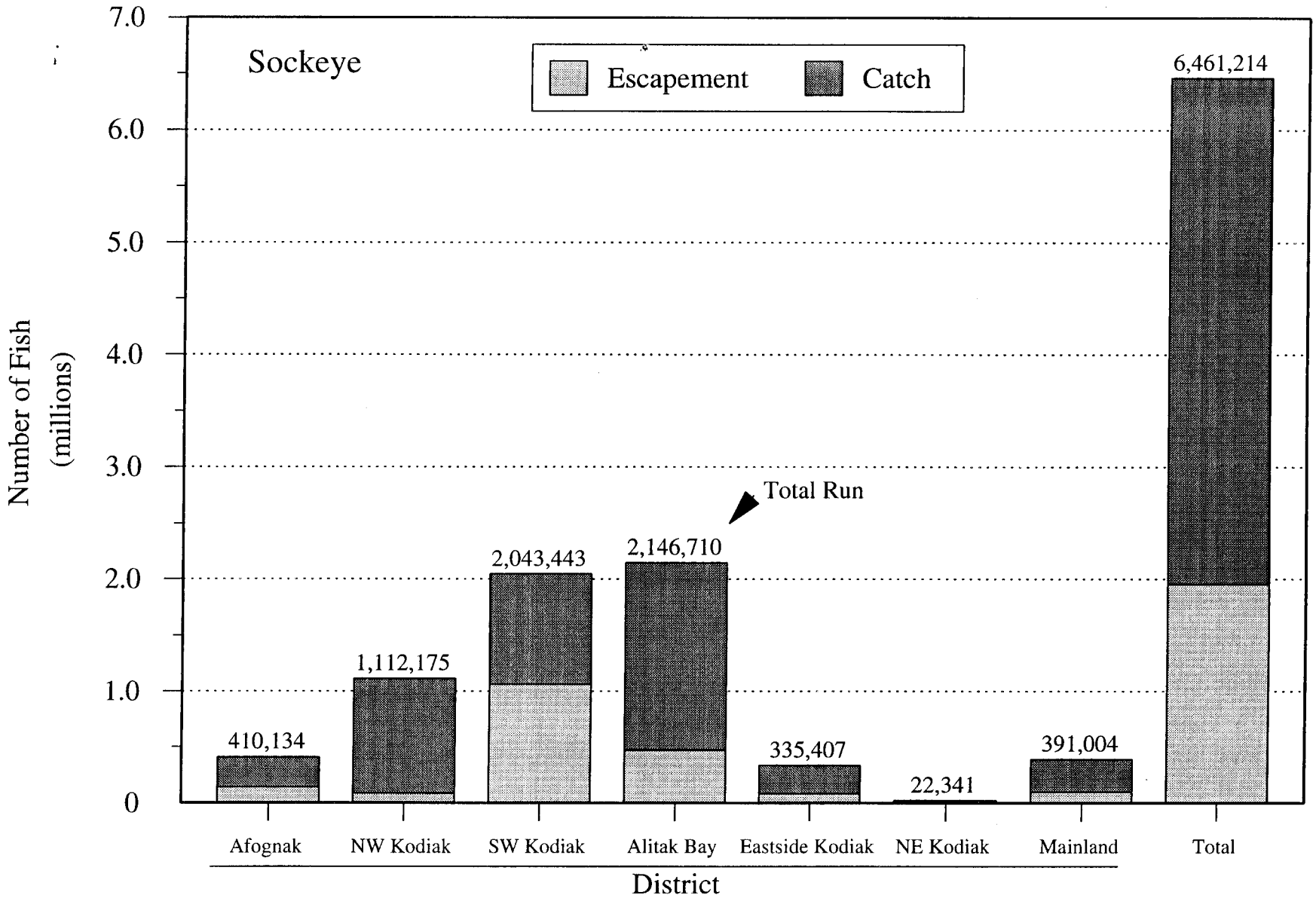

Figure 5. Sockeye salmon catch, escapement, and total run by district, Kodiak Management Area, 1995.

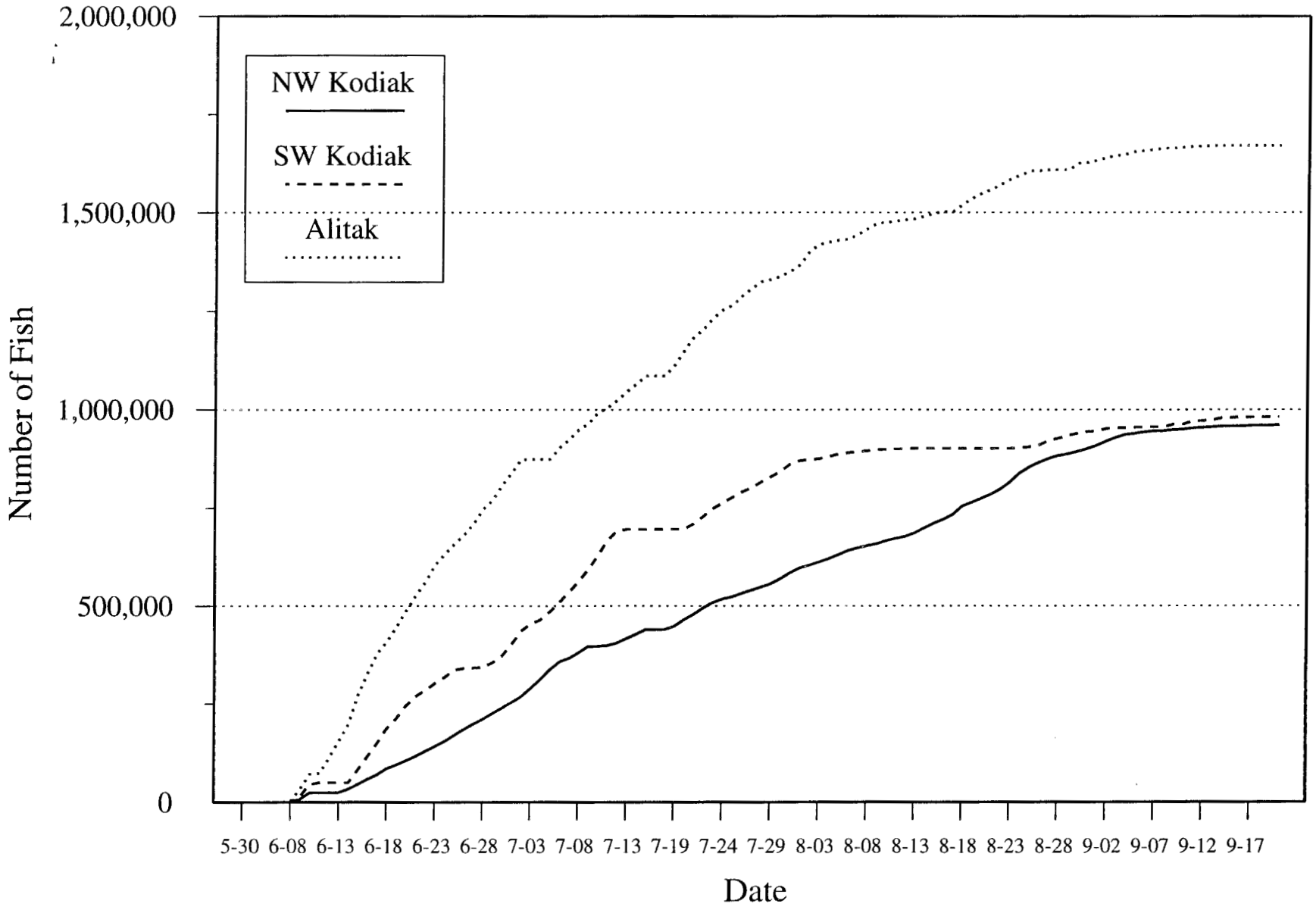

Figure 6. Cumulative sockeye salmon catch by day, NW Kodiak, SW Kodiak, and Alitak Bay Districts, 1995.

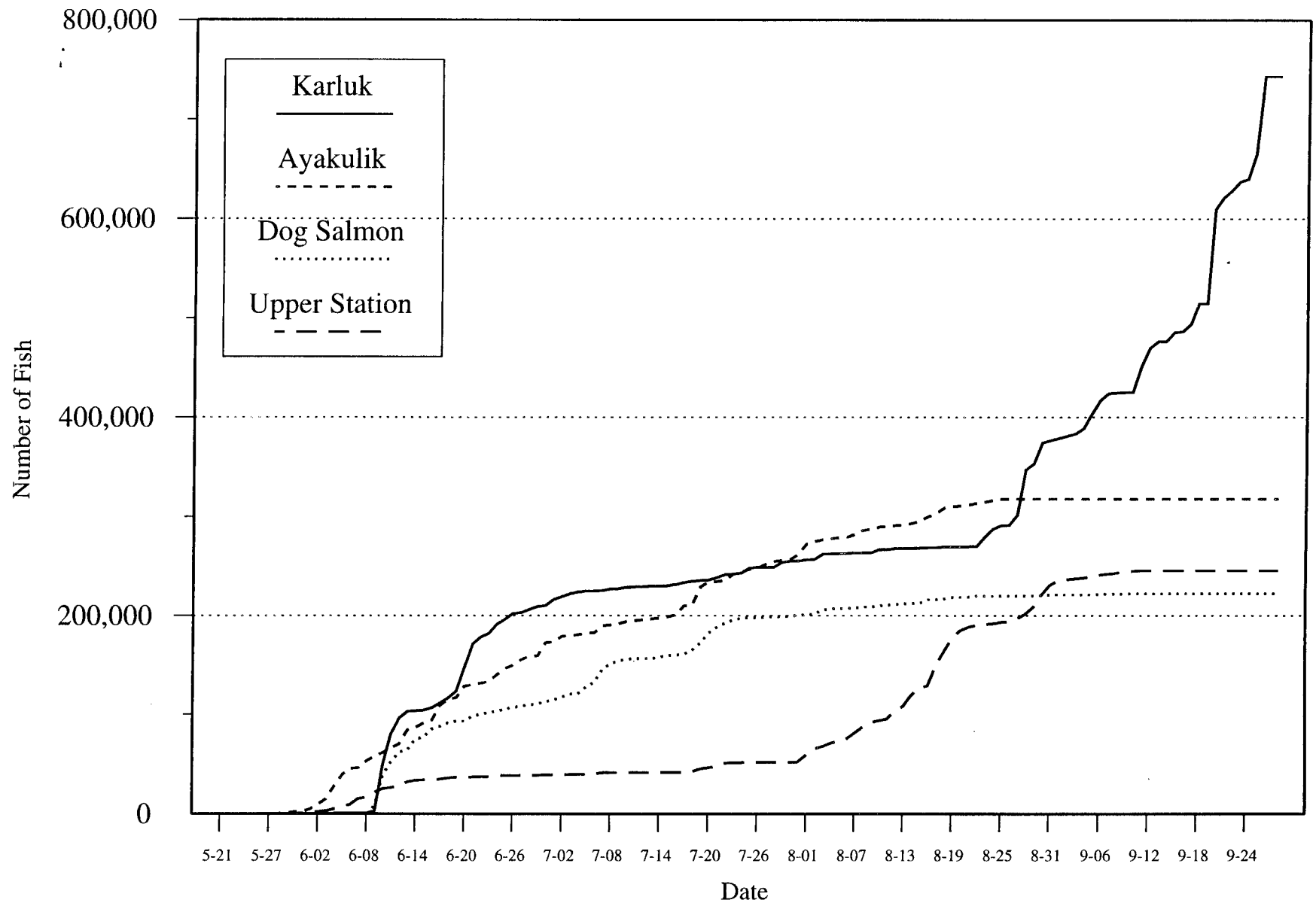

Figure 7. Cumulative sockeye salmon escapements counted through the Karluk, Ayakulik, Dog Salmon, and Upper Station weirs, 1995.

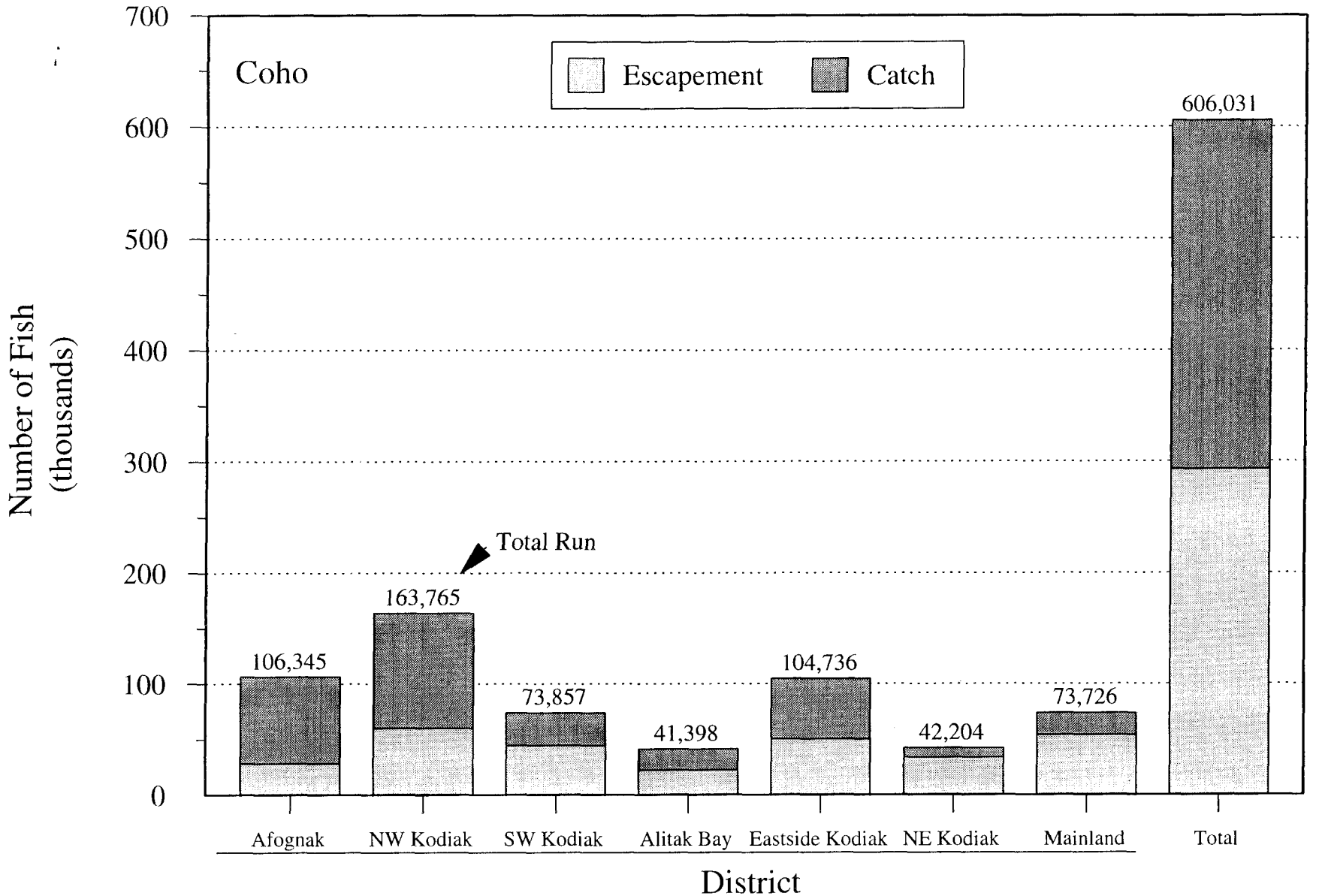

Figure 8. Coho salmon catch, escapement, and total run by district, Kodiak Management Area, 1995.

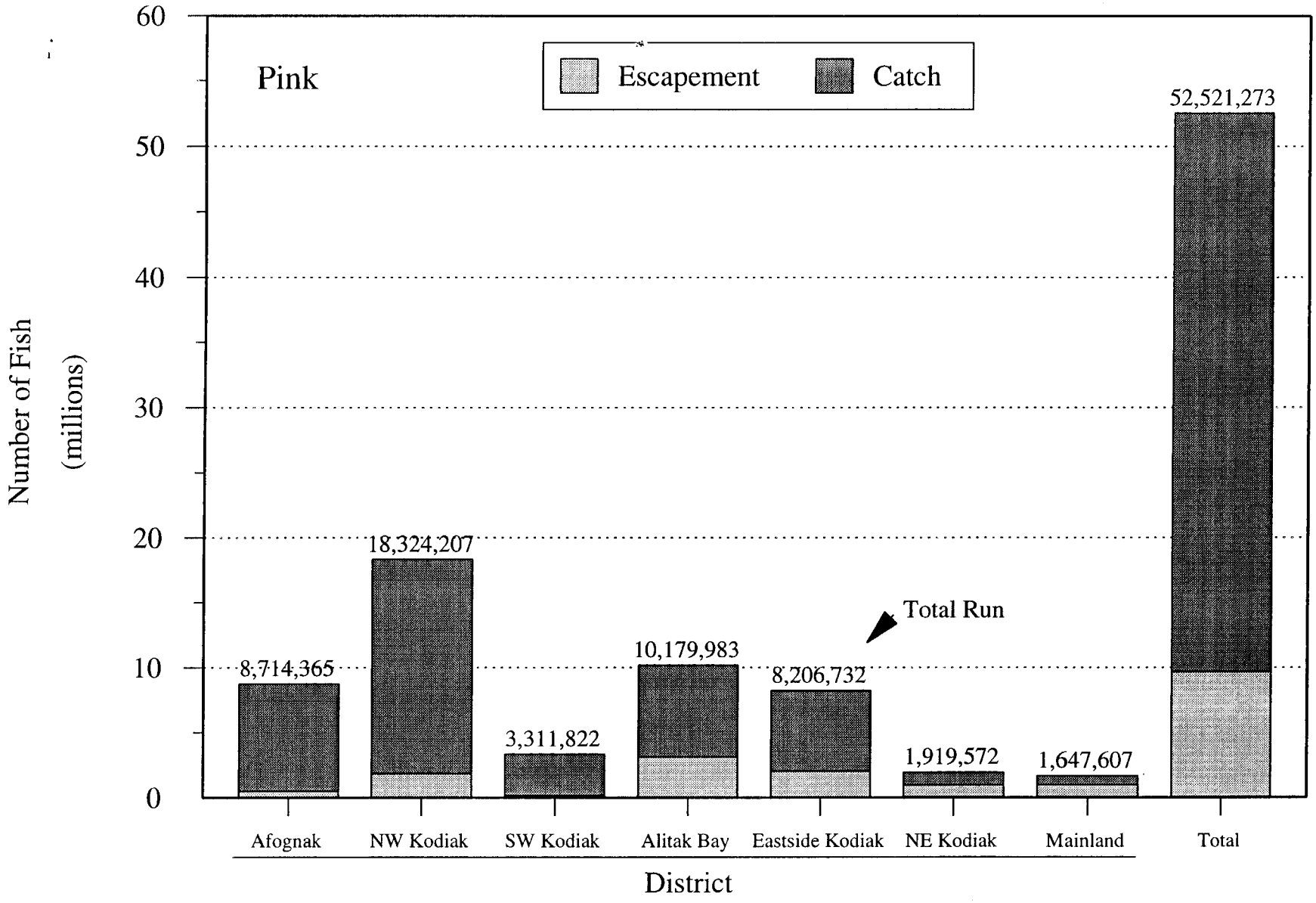

Figure 9. Pink salmon catch, escapement, and total run by district, Kodiak Management Area, 1995.

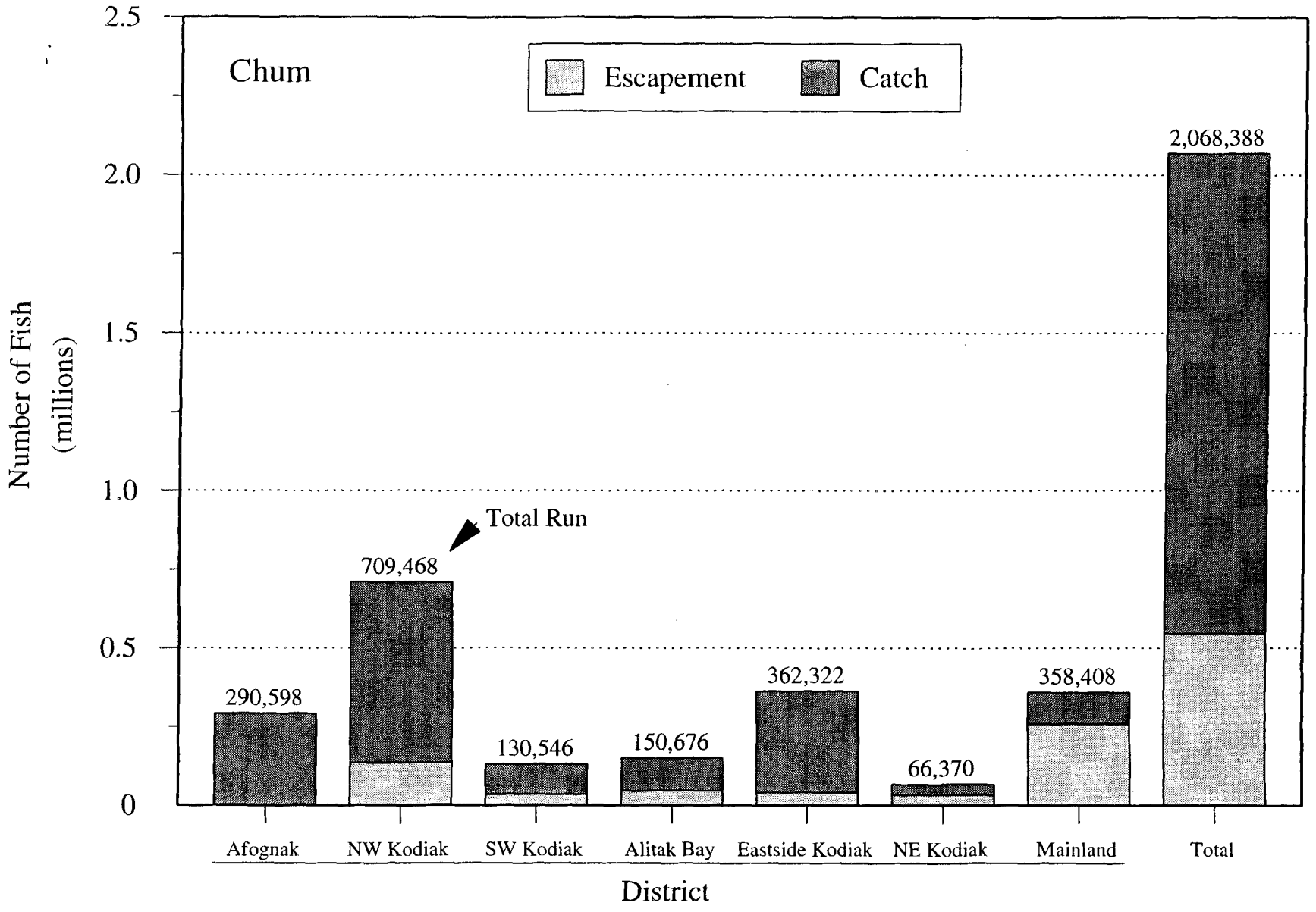

Figure 10. Chum salmon catch, escapement, and total run by district, Kodiak Management Area, 1995.

APPENDIX

Appendix A.1. Salmon escapement surveys conducted in the Kodiak Management Area, 1995.

Stream Date MM-DD-YY	Observer	Visibility Stream	Visibility Mouth	Visibility Bay	Fish in Stream Sockeye	Fish in Stream Coho	Fish in Stream Pink	Fish in Stream Chum	Build Up of Fish Mouth	Build Up of Fish Bay	Observer Remarks
SELIEF											
251-101 9-12-1995	PROKOPOWICH	G	G	E	0	900	12000	0			Most of coho in lower lake. Nothing showing in bay or straits. Flat calm, good visibility.
MALINA RIVER											
251-105 8- 4-1995	WEIR COUNT	E			10803	0	8	1			Dates of operation 6/1 to 8/4. Plus 2 chinook. No estimate of fish in river when weir pulled.
251-105 9-12-1995	SCHROF	F	F		15	350	0	0			Quick look as flying over pretty high. Sockeye between lakes. 200 coho in lagoon, 150 at upper lake main tributary.
LONG LAGOON											
251-301 7-31-1995	PROKOPOWICH		G		0	0	0	0	6000P		
THORSHEIM CREEK											
251-302 7-31-1995	PROKOPOWICH		G		0	0	0	0	1500P		
251-302 8-29-1995	WATCHERS	F	F		0	0	0	0	300Co 15000P		Skiff survey. Fish in cove up to old weir site.
SOUTH ARM CREEK											
251-403 7-31-1995	PROKOPOWICH	E	E		0	0	2500	0	50000P		Looks great.
EAST ARM CREEK											
251-404 7-31-1995	PROKOPOWICH	E	E		0	0	1200	0	42000P		Looks excellent.
HIDDEN LAKE CREEK											
251-406 6-12-1995	WATCHERS	G			150	0	0	0			Foot survey.
251-406 6-16-1995	WATCHERS	G			400	0	0	0			Foot Survey.
251-406 7- 3-1995	WATCHERS	G			575	0	0	0			Foot survey.

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Stream Date MM-DD-YY	Observer	Visibility Stream	Visibility Mouth	Visibility Bay	Fish in Stream Sockeye	Fish in Stream Coho	Fish in Stream Pink	Fish in Stream Chum	Build Up of Fish Mouth	Build Up of Fish Bay	Observer Remarks
251-406 7-24-1995	WATCHERS	G			338	0	0	0			Foot Survey. Plus 33 sockeye carcasses.
251-406 7-30-1995	WATCHERS	G			140	0	75	0			Foot survey.
251-406 8-23-1995	WATCHERS	G			43	0	7036	0			Foot survey. Plus 1 sockeye and 92 pink carcasses.
251-406 8-28-1995	WATCHERS	G			15	17	6260	0			Foot survey. Plus 128 pink carcasses.
251-406 9-13-1995	WATCHERS	G			0	49	1545	0			Foot survey. Plus 343 pink carcasses.
S.W. REDFOX CREEK											
251-504 7-31-1995	PROKOPOWICH		G		0	0	0	0	500P		
251-504 8-16-1995	PROKOPOWICH		G		0	0	0	0			Coho jumpers at mouth, no count on fish.
S.E. REDFOX CREEK											
251-505 7-31-1995	PROKOPOWICH		G		0	0	0	0	7500P		
251-505 8-16-1995	PROKOPOWICH		G		0	0	0	0	17000P		
BIG BAY CREEK											
251-601 9-18-1995	WEIR COUNT	E			6	1971	11691	0			Dates of operation 8/6 to 9/18.
HIDDEN COVE CREEK											
251-602 8-30-1995	MURPHY	G			5	50	141	0			Foot survey.
CARRY BEAR CREEK											
251-705 9-18-1995	WEIR COUNT	E			1	2456	4058	0			Dates of operation 87 to 9/17.
BIG WATERFALL											
251-821 7-31-1995	PROKOPOWICH		G		0	0	0	0	5500P		

-Continued-

Appendix A.1. (page 3 of 49)

Stream Date MM-DD-YY	Observer	Visibility Stream	Visibility Mouth	Visibility Bay	Fish in Stream Sockeye	Fish in Stream Coho	Fish in Stream Pink	Fish in Stream Chum	Build Up of Fish Mouth	Build Up of Fish Bay	Observer Remarks
LITTLE WATERFALL											
251-822 7-31-1995	PROKOPOWICH		G		0	0	0	0	4500P		No survey of stream.
251-822 8- 7-1995	KANSTEINER	G	F	P	122	0	22423	0	2500P	100P	Foot Survey. Plus 1,626 pink carcasses.
251-822 8-16-1995	PROKOPOWICH		G		0	0	0	0	3000P		
251-822 8-17-1995	KANSTEINER	E	G	G	80	0	18512	0	18170P	20P	Foot survey. Plus 2,928 pink carcasses.
251-822 8-24-1995	KANSTEINER	G	G	G	13	0	20690	0	16000P	200P	Foot survey. Plus 12,809 pink carcasses.
251-822 8-31-1995	KANSTEINER	G	G	G	1	0	19792	0	14684P	100P	Foot Survey. Plus 14,188 pink carcasses.
PORTAGE CREEK											
251-825 6-28-1995	KANSTEINER	G	G	F	800	0	0	0	2000R		Foot survey. Stream surveyed from bottom of fishpass to saltwater.
251-825 7- 5-1995	KANSTEINER	G	G		200	0	0	0	100R		Foot survey. Stream surveyed from bottom of fishpass to saltwater.
251-825 7-14-1995	KANSTEINER	G	G		200	0	0	0			Foot survey. Stream surveyed from bottom of fishpass to saltwater.
251-825 7-20-1995	KANSTEINER	G	G		20	0	0	0			Foot Survey. Stream surveyed from bottom of fishpass to saltwater.
251-825 7-27-1995	KANSTEINER	G	G		0	0	40	0	10P		Foot survey. Stream surveyed from bottom of fishpass to saltwater.
251-825 7-31-1995	PROKOPOWICH	G	G		2000	0	500	0			Few scattered schools of pinks in bay.
251-825 8- 2-1995	KANSTEINER	G	G		0	10	1520	10	5000P		Foot survey. Stream surveyed from bottom of fishpass to saltwater.

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Stream Date MM-DD-YY	Observer	Visibility Stream	Visibility Mouth	Visibility Bay	Fish in Stream Sockeye	Fish in Stream Coho	Fish in Stream Pink	Fish in Stream Chum	Build Up of Fish Mouth	Build Up of Fish Bay	Observer Remarks
251-825 8-11-1995	KANSTEINER	P	P		60	600	13000	0	500Co 500P		Foot survey. Rain, poor visibility. Stream surveyed from bottom of fishpass to saltwater.
251-825 8-16-1995	KANSTEINER	G	G		0	0	9000	0	1000Co 5000P		Foot Survey. Stream surveyed from bottom of fishpass to saltwater.
251-825 8-16-1995	PROKOPOWICH	G	G	G	0	0	16000	0	26000P	50000P	Bay estimate minimum. Lots of small scattered schools throughout bay.
251-825 8-22-1995	KANSTEINER				620	0	126	27			Foot survey of Southwest Tributary: 117 sockeye and 2 pink carcasses. 15% sockeye jacks, 40% paired up spawning.
251-825 8-22-1995	KANSTEINER				6579	0	26	1			Foot survey of Southeast Tributary: 3,388 sockeye carcasses. 300 sockeye off creek mouth, 40% sockeye jacks in creek, 40% paired up spawning.
251-825 8-25-1995	KANSTEINER	G	G		0	0	16500	0	5000Co		Foot survey. Stream surveyed from base of fishpass to saltwater.
251-825 9- 1-1995	KANSTEINER	G	G		0	300	13500	0	15000Co		Foot survey. Stream surveyed from bottom of fishpass to saltwater.
ELK CREEK											
251-829 8-16-1995	PROKOPOWICH	G			0	0	15000	0			
PAUL'S BAY											
251-831 9- 7-1995	WEIR COUNT	E			13480	10663	6232	692			Dates of operation 6/3 to 9/7.
SEAL BAY CREEK											
251-901 8-16-1995	PROKOPOWICH	G	G	G	0	0	0	0	30000P	15000P	Most fish in mouths.
SAPOSA BAY											
252-306 8-16-1995	PROKOPOWICH	G	G		0	0	2000	0	2500P		

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Stream Date MM-DD-YY	Observer	Visibility Stream	Visibility Mouth	Visibility Bay	Fish in Stream Sockeye	Fish in Stream Coho	Fish in Stream Pink	Fish in Stream Chum	Build Up of Fish Mouth	Build Up of Fish Bay	Observer Remarks
KITOI BAY											
252-32 8-16-1995	PROKOPOWICH			G	0	0	0	0			Estimated 174,000 to 190,000 pinks in bay, of which 95,000 were in seine trap.
252-32 8-18-1995	PROKOPOWICH	E	E		0	0	0	0			Estimated 210,000 pinks in net. 48,000 pinks in rest of bay inside markers.
LITTLE KITOI											
252-323 9- 7-1995	WEIR COUNT	G	G		1194	552	336	0			Weir count.
BIG KITOI											
252-324 10- 7-1995	LENTZ, KITOI	F			0	0	20000	9500			Fish remaining in system after egg take.
N.E. DANGER CREEK											
252-331 7-31-1995	PROKOPOWICH	E	E		0	0	4000	0	30000P		Most fish I've ever seen here.
252-331 8-18-1995	PROKOPOWICH	G	G		0	0	15500	0			
BIG DANGER											
252-332 7-31-1995	PROKOPOWICH	E	E		0	0	7000	0	115000P		Most fish I've ever seen here.
252-332 8-18-1995	PROKOPOWICH	G	G		0	0	38000	0	60000P		Looks good still.
AFOGNAK RIVER											
252-342 9-12-1995	WEIR COUNT	E			100131	10542	42738	0			Dates of operation 5/27 to 9/12. Plus 3 chinook. Counts include estimate of fish remaining below weir when removed.
MARKA BAY											
252-343 8-18-1995	PROKOPOWICH	G	G		0	0	22500	0	2500P		
LITTLE RIVER											
253-115 7-17-1995	HANDER	P			13000	0	0	0			1645 HRS. Good stream flow. Lake was very muddy, reds seen at stream outlets at south end of lake. Lake survey only.

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Stream Date MM-DD-YY	Observer	Visibility Stream	Visibility Mouth	Visibility Bay	Fish in Stream Sockeye	Fish in Stream Coho	Fish in Stream Pink	Fish in Stream Chum	Build Up of Fish Mouth	Build Up of Fish Bay	Observer Remarks
253-115 7-27-1995	BRENNAN	E	F		9150	0	600	0	11000P		1515 HRS. No fish in upper river. Most in lagoon (mouth). Some small schools out front but no estimate. Reds in lake schooled up at mouth of tributary streams.
253-115 7-31-1995	PROKOPOWICH	G			13000	0	0	0			Lake survey only. Water very muddy, except by inlet streams.
253-115 8-15-1995	HANDER	G			1700	0	0	0			1603 HRS. Incoming tide, good stream flow. All reds, beach spawners, in lake. Lake survey only.
253-115 8-18-1995	BRENNAN	G	F		3600	0	53000	0	31000P		Time 1100 hours. Most fish in lagoon (mouth) or lower 2 miles of river. Only 4,000 above forks. Poor look at sockeye in lake; water very murky. Plus 5,000 carcasses.
253-115 9-28-1995	HANDER	P	G		500	1500	0	0			1453 HRS. Surveyed lagoon and south end of lake. Water level high. All coho in lagoon. Reds spawning on shoals of south end of lake.
S. ARM UGANIK											
253-121 7-26-1995	PROKOPOWICH	G	G		0	0	0	200	1000Ch		Chums in mouth of lagoon.
253-121 8-17-1995	BRENNAN	F	E	F	0	0	900	0			1520 HRS. Quick look; little seen. Nothing showing in bay.
253-121 8-22-1995	JOHNSON				0	0	3000	0			1156 HRS. Surveyed entire stream including beaver ponds upstream. 3 single bears fishing
253-121 9- 3-1995	BRENNAN	E	E	E	0	0	1200	0			TIME: 1215 HRS. Good water flow, few fish.
UGANIK RIVER											
253-122 7-17-1995	HANDER	G			6500	0	0	0			1702 HRS. Moderate stream flow. Reds seen in slower side streams, spawning in places. Surveyed upper lake and entire stream above lake.

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Stream	Date MM-DD-YY	Observer	Visibility Stream	Visibility Mouth	Visibility Bay	Fish in Stream Sockeye	Fish in Stream Coho	Fish in Stream Pink	Fish in Stream Chum	Build Up of Fish Mouth	Build Up of Fish Bay	Observer Remarks
253-122	7-26-1995	PROKOPOWICH	P	F	F	500	0	7000	0		3Co 55000P	Visibility fair to poor. Pinks seen in lower end of river, however fish were present all the way to lake (minimum estimate). Reds at lake inlet (minimum estimate), visibility poor.
253-122	7-27-1995	BRENNAN	E	E		1550	0	15700	1500			1500 HRS. Quick look at lake and stream. Reds in lake still schooled up...rough estimate. Pinks balled up in lower 1/3 of river. Chums down by mouth. No concentrations of fish at mouth. No bay survey.
253-122	7-27-1995	CHATTO	G			3680	0	0	0			1456 HRS. Surveyed at head of lake and upstream only for reds. 80 reds on northwest shore of lake, 1,100 at inlet, 900 in East Fork, 1,600 reds in upper main stem.
253-122	7-31-1995	PROKOPOWICH	E	P		29000	0	46500	0	5000P 3000Ch		Poor visibility in bay. Excellent visibility in lake. Most reds at inlet streams to lake.
253-122	8-15-1995	HANDER	G	G		16600	0	35000	6000			1525 HRS. Incoming tide, good stream flow. 6,500 reds above lake, 10,000 reds in lake, pinks and chums all below lake. Surveyed entire system.
253-122	8-17-1995	PROKOPOWICH	E	E		0	0	97000	0	28000P		Looks good.
253-122	8-17-1995	BRENNAN	G	G	G	21000	0	55000	10000	26000P	20000P	1525 HRS. Most sockeye in lake (16,000) or first mile of upper river. Most pinks below weir site. Conservative estimate.
253-122	8-18-1995	BRENNAN	E	E	F	0	0	82000	10000	69000P	25000P	1045 HRS. Good look at stream. Bay fish out by Packers Spit. Most river fish in lower mile (forks). Plus 5,000 carcasses.
253-122	8-29-1995	PROKOPOWICH	F	F		5200	0	138000	6000			An additional 80,000 pink morts. Reds at lake inlet, additional reds in tributaries. Poor visibility in bay.

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Stream Date MM-DD-YY	Observer	Visibility Stream	Visibility Mouth	Visibility Bay	Fish in Stream Sockeye	Fish in Stream Coho	Fish in Stream Pink	Fish in Stream Chum	Build Up of Fish Mouth	Build Up of Fish Bay	Observer Remarks
253-122 9- 3-1995	BRENNAN	E	E		15500	1200	154000	14000	30000P		TIME: 1205 HRS. Fish thinly scattered in upper river and heavy in lower river (below weir site) and mouth channels. Likely more chums. No look at outer bay. Red count in lake only; no look at upper river. Plus 70,000 carcasses. 3 bears.
253-122 9-13-1995	HANDER	G	G		1000	25	76300	0			1433 HRS. Mid-incoming tide. Good stream flow. Surveyed to the south end of the lake, the river and the mouth. Most pinks were in the area downstream of the old weir site to saltwater. No schools or jumpers seen off the mouth or in the head of the bay. Sockeye seen at the north end of the lake spawning and holding off the tributary mouth. 12 sport fishers seen.
253-122 9-28-1995	HANDER	G	F		40	60	0	0			1510 HRS. Lower river and lake high water and very turbid. Huge mud plume out to island in Mush Bay. Survey on main fork of upper river only. All coho observed in upper reaches. 4,500 Dolly Varden observed in upper river. (Bears - S/2 yrs.)
253-122 10-13-1995	JOHNSON	G			0	1900	0	0			1528 HRS. Only looked at upper river. Low flow. Lake and lower river too turbid to see anything.
VIEKODA CREEK											
253-321 8-22-1995	JOHNSON	E	G		0	0	600	0			1118 HRS. Surveyed lower two miles of stream, some fish above canyon, most (80%) below canyon above mouth. Approximately 100 carcasses.
TERROR RIVER											
253-331 7-26-1995	PROKOPOWICH	F	F	F	0	0	7000	0		30000P	Pinks in lower end of river. Pinks in bay along east shore. Poor visibility off mouth.
253-331 7-31-1995	PROKOPOWICH	G	G		0	0	23500	0	50000P		Looks good.

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Stream	Date MM-DD-YY	Observer	Visibility Stream	Visibility Mouth	Visibility Bay	Fish in Stream Sockeye	Fish in Stream Coho	Fish in Stream Pink	Fish in Stream Chum	Build Up of Fish Mouth	Build Up of Fish Bay	Observer Remarks
253-331	8-15-1995	HANDER	G	G		0	0	11000	3000			1505 HRS. Incoming tide, moderate stream flow. No jumpers or concentrations of fish in tide flats. Surveyed entire stream.
253-331	8-17-1995	BRENNAN	G	E	F	0	0	65000	14000	34000P	13000P	1545 HRS.
253-331	8-18-1995	BRENNAN	G	G	G	0	0	98000	16000	22000P	38000P	1450 HRS. Good look. Lots of fish coming into bay.
253-331	8-29-1995	PROKOPOWICH	F	F		0	0	116000	12000	14000Ch		Additional 90,000 pink morts. Poor visibility in bay.
253-331	9- 3-1995	BRENNAN	E	E	E	0	1800	86000	10000	32000P	49000P	TIME: 1145 HRS. Heavy fish in lower river and in mouth of creeks. Still lots of fish outside of flats. Didn't look in outer bay towards markers, but some jumpers. No buildup of coho. Plus 40,000 pink and 5,000 chum carcasses.
253-331	9-13-1995	HANDER	G	G		0	0	25000	0			1423 HRS. Mid-incoming tide. Good stream flow. Surveyed river from 4-Mile Creek to mouth. No schools or jumpers seen off the mouth or in the head of the bay. Pinks observed in the lower 2 mile of river.
253-331	9-28-1995	HANDER	F	P		0	350	3000	0			1540 HRS. Flow moderate to high at mouth. Coho all at or above 4-Mile Creek. Water running over spillway at the dam. (Bears S/coy Sin)
BAUMANN'S												
253-332	8-17-1995	BRENNAN	F	E		0	0	23000	0	12000P		1600 HRS. Not a great look at river - shadows.
253-332	8-22-1995	JOHNSON	E	G		0	0	21000	0			1129 HRS. Surveyed lower 1/2 mile. Approximately 100 carcasses in lower river.
253-332	8-29-1995	PROKOPOWICH	F			0	0	25000	0			Additional 20,000 pink morts.

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Stream Date MM-DD-YY	Observer	Visibility Stream	Visibility Mouth	Visibility Bay	Fish in Stream Sockeye	Fish in Stream Coho	Fish in Stream Pink	Fish in Stream Chum	Build Up of Fish Mouth	Build Up of Fish Bay	Observer Remarks
253-332 9- 3-1995	BRENNAN	E	E	E	0	0	12000	0	3Co 20000P		TIME: 1137 HRS. Fish all in creek and lower river (mouth). Nothing seen outside on flats. Plus 15,000 carcasses.
CLARA'S CREEK											
253-333 8-17-1995	BRENNAN	F	E		0	0	3000	0			Time 1605 hours. Quick look.
253-333 8-22-1995	JOHNSON	E	E		0	0	3000	0			1126 HRS. All fish just above mouth.
253-333 8-29-1995	PROKOPOWICH	F			0	0	1500	0			
UYAK 201 CREEK											
254-201 7-26-1995	PROKOPOWICH		F		0	0	0	0	10000P		
254-201 8-17-1995	BRENNAN	G	G	G	0	0	350	0	1500P		1415 HRS. Plus one bear.
254-201 9- 3-1995	BRENNAN	E	E	E	0	0	7500	0	8000P	25000P	TIME: 1320 HRS. Lots of fish in creek at mouth, and in bay just to north.
UYAK RIVER											
254-202 7-26-1995	PROKOPOWICH	F	F	F	0	0	14000	0	10000P	54000P	Looks excellent for this early.
254-202 8-15-1995	HANDER	G	F		0	0	16250	8750	36000P 9000Ch		1739 HRS. High tide, good stream flow. Surveyed entire river.
254-202 8-17-1995	BRENNAN	E	E	E	0	0	48800	6500	94000P 5000Ch	38000P	1405 HRS. Plus 10,000 carcasses.
254-202 8-17-1995	PROKOPOWICH	E	G	E	0	0	57000	0	6500P	200000P	Looks impressive.
254-202 9- 3-1995	BRENNAN	E	E	E	0	0	380000	13000	90000P	655000P	TIME: 1330 HRS. Incredible numbers of fish in bay #NAME? Some at mouth but most fish in channeksland lower river. Couldn't pick out silvers. Plus 15,000 carcasses. 3 bears.

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Stream Date MM-DD-YY	Observer	Visibility Stream	Visibility Mouth	Visibility Bay	Fish in Stream Sockeye	Fish in Stream Coho	Fish in Stream Pink	Fish in Stream Chum	Build Up of Fish Mouth	Build Up of Fish Bay	Observer Remarks
254-202 9-13-1995	HANDER	G	F		0	1500	90000	0	15000P	20000P	1557 HRS. Mid-incoming tide. Good stream flow. Surveyed lower 4 miles of river and mouth area. Saw many jumpers off the mouth but no I.D. possible due to murky water (most likely pinks). 2,000 pinks were seen along the north shore between the head of the bay and S.E. Uyak Creek.
254-202 9-28-1995	HANDER	G	G		0	4500	56000	0			1025 HRS. Flew entire stream, solid distribution of spawners for the first two miles. Thousands of pink carcasses in the flats and 5,000 in stream. Good number of pink redds visible above the current water level. So many pinks hard to tell the true number of coho.
254-202 10-13-1995	JOHNSON	G	G		0	1100	0	0			1104 HRS. Surveyed entire stream. Low flow, some parts of the upper reaches dry. Still lots of pink carcasses in lower river. (Bears S/2 COY, S/YRL, 13, most feeding on old pinks.)
EAST UYAK CREEK											
254-203 7-26-1995	PROKOPOWICH		P	P	0	0	0	0		86000P	Visibility poor. Lots of fish off mouth and in bay. Minimum estimate. No survey of creek.
254-203 8-15-1995	HANDER	g	g		0	0	29750	5250	48000P		Time 1730 hours. High tide. Good stream flow. Surveyed entire river. No bay survey.
254-203 8-17-1995	PROKOPOWICH	G	E	E	0	0	124000	0	15000P	60000P	Looks excellent.
254-203 8-17-1995	BRENNAN	G	E	E	0	0	77300	4000	22500P	18000P	1355 HRS. Good distribution in river and lots of fish still on flats. Good look at creek but some shadows. Plus 5,000 carcasses and 1 bear.
254-203 8-18-1995	BRENNAN	G	G	G	0	0	116000	0	40000P	210000P	1425 HRS. Bay fish in solid band along west side of bay - very impressive show. Quick survey. Plus 10,000 carcasses.

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Stream Date MM-DD-YY	Observer	Visibility Stream	Visibility Mouth	Visibility Bay	Fish in Stream Sockeye	Fish in Stream Coho	Fish in Stream Pink	Fish in Stream Chum	Build Up of Fish Mouth	Build Up of Fish Bay	Observer Remarks
254-203 9- 3-1995	BRENNAN	E	E	E	0	0	43000	8000	6000P	59000P	TIME: 1310 HRS. Still lots of live fish throughout river. Most in lower river. Still a lot of fish out front on flats (bay fish). Plus 65,000 carcasses.
254-203 9-13-1995	HANDER	G	F		0	300	40000	0	2000P		1527 HRS. Mid-incoming tide. Good stream flow. Surveyed lower 4 miles of river and mouth area. 2,000 fish off the mouth but no I.D. possible. Single bear fishing.
254-203 9-28-1995	HANDER	P	F		0	0	0	0	8000P		1040 HRS. Moderate high water, visibility in the stream very poor. Surveyed only the mouth area.
BROWN'S LAGOON											
254-204 8-17-1995	BRENNAN				0	0	9400	0	2000P		1435 HRS. At least 20,000 pinks in Amook Pass traveling south.
254-204 9- 3-1995	BRENNAN	E	E	E	0	700	11000	0			TIME: 1255 HRS. All fish in lower river. One bear.
254-204 9-28-1995	HANDER	F			0	70	0	0			1330 HRS. Surveyed up to lake. Water level moderate. Very dark, hard to see in stream. Nothing above falls. (17 swans in lake.)
ISLAND'S CREEK											
254-205 8-17-1995	BRENNAN	G	G	G	0	0	0	0	2000P	6000P	1425 HRS.
LONG CREEK											
254-207 8-17-1995	BRENNAN				0	0	150	0	200P	5000P	1430 HRS. Bay fish traveling.
CABIN CREEK											
254-208 8-17-1995	BRENNAN	G	G	G	0	0	500	0			1420 HRS.
DORA'S CREEK											
254-213 7-26-1995	PROKOPOWICH	E	E		0	0	200	0	1200P		Looks good.

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Stream Date MM-DD-YY	Observer	Visibility Stream	Visibility Mouth	Visibility Bay	Fish in Stream Sockeye	Fish in Stream Coho	Fish in Stream Pink	Fish in Stream Chum	Build Up of Fish Mouth	Build Up of Fish Bay	Observer Remarks
ZACHAR RIVER											
254-301 7-26-1995	PROKOPOWICH	G	G		0	0	20000	0	25000P 25000Ch		Partial survey of river. Sample areas down.
254-301 7-27-1995	CHATTO	G			0	0	28000	7000			1435 HRS. Looked at stream only. All fish located in lower 3 miles. Good stream flow. Water on flats choppy. 3,000-4,000 fish off mouth species unknown.
254-301 8-15-1995	HANDER	G	F		0	0	33600	8400	13500P 1500Ch		1652 HRS. Incoming high tide, good stream flow. Surveyed entire river.
254-301 8-17-1995	BRENNAN	E	E		0	0	68700	4200	23000P 1000Ch		1445 HRS. Fish spread way up river but most in lower two miles. No bay survey. Plus 10,000 carcasses. 3 bears (1 single, 1 sow and cub).
254-301 9- 3-1995	BRENNAN	E	E	E	0	1800	79000	23000	17000P	9000P	TIME: 1240 HRS. Upper river 19,000 pinks and 5,000 chums. Lots of fish in lower river. One good shot of coho in lower river. Only took quick look at bay. Plus 25,000 carcasses. 3 bears.
254-301 9-13-1995	HANDER	G	F		0	2100	25000	0			1526 HRS. Mid-incoming tide. Good stream flow. Surveyed from knob on north side of river to the mouth. Pinks were in the lower 3/4 mile of river. Coho seen in groups of 300 - 400 at a time in holding areas. Sow/3 yearlings, 4 single bears.
254-301 9-28-1995	HANDER	F	F		0	1700	0	0			1340 HRS. Flow is moderate to high. Coho scattered upstream to the forks, Lots of new trees blown down. (Single bear)
254-301 10-13-1995	JOHNSON	F	G		0	4100	0	0			1435 HRS. Surveyed entire river, low flow, some glare on river.

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Stream Date MM-DD-YY	Observer	Visibility Stream	Visibility Mouth	Visibility Bay	Fish in Stream Sockeye	Fish in Stream Coho	Fish in Stream Pink	Fish in Stream Chum	Build Up of Fish Mouth	Build Up of Fish Bay	Observer Remarks
N.E. ZACHAR CREEK											
254-302 8-17-1995	BRENNAN	G	G		0	0	800	0	3000P		1455 HRS. Quick look.
254-302 9- 3-1995	BRENNAN	G	E	E	0	0	21000	0	12000P		TIME: 1235 HRS. Lots of fish at mouth and in lower river.
SPIRIDON RIVER											
254-401 7-26-1995	PROKOPOWICH	P	P	P	0	0	0	0		9000P	Pinks by Weasel Cove. Bay and river murky, no survey of stream.
254-401 8-15-1995	HANDER	G			5	0	24700	13300			1620 HRS. Incoming tide, good stream flow. Good distribution of both pink and chum spawners throughout the river. Surveyed entire river. More evidence of reds spawning in Munsey Lake.
254-401 8-17-1995	BRENNAN	G	G	F	0	0	59800	22000		18000P	1505 HRS. Quick look at bay; fish in Weasel Cove. No fish seen on flats. Good distribution of pinks and chums in middle and upper reaches of river; very few fish in lower river. Plus 10,000 carcasses.
254-401 8-22-1995	JOHNSON	F			450	0	34000	11000			1209 HRS. Surveyed entire river including Munsey's Lake. 250 reds in Munsey's Lake, rest are scattered below Munsey's Creek and in index area. 4 single bears/1 sow, 2 yearlings fishing.
254-401 9- 3-1995	BRENNAN	G	E	E	0	600	24000	6000			TIME: 1225 HRS. Stream survey from Little Lake down. Water kind of murky. Lots of carcasses - at least 65,000 (50% chum). No bay survey.
254-401 9-13-1995	HANDER	F	P		220	1500	3500	200			1457 HRS. Mid-incoming tide. Good stream flow. Surveyed entire river. One small pocket of sockeye seen in river and the rest were in Munsey Lake. Chums were in the upper index area side stream. Shallow areas in the river had good visibility.

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Stream Date MM-DD-YY	Observer	Visibility Stream	Visibility Mouth	Visibility Bay	Fish in Stream Sockeye	Fish in Stream Coho	Fish in Stream Pink	Fish in Stream Chum	Build Up of Fish Mouth	Build Up of Fish Bay	Observer Remarks
254-401 9-28-1995	HANDER	P	P		20	120	0	0			1400 HRS. Flow high but not bank to bank. Very poor survey conditions. All coho observed were above the confluence of Munsey's Lake. Some major changes observed in stream channel in the jndex area and most of the mainstem flow now is channeled through the index area. Munsey's Lake and creek very high and turbid, no fish observed. (Bears - 4 single) (2 swans in lake)
254-401 10-13-1995	JOHNSON	G			250	10300	0	0			1455 HRS. Surveyed entire stream except for lower rapids. Low flow. Excellent look, best survey conditions this year. All sockeye at outlet of Munsey's Lake and at upper end tributary terminus. (Bears SIN 2.)
TELROD COVE											
254-403 8-15-1995	SCHROF	E			120	0	233	0			Fish were placed inside the barrier net on 8/12 (154) and 8/17 (33).
254-403 9-28-1995	HANDER	P	F		0	0	0	0	50P		1440 HRS. Quick look, high water in creek. All pinks observed were at mouth. (Bears S/1 coy)
Weasel Cove Creek											
254-406 9- 3-1995	BRENNAN	E	E	E	0	0	0	0	1700P	500Co	TIME: 1233 HRS. Weasel Cove - new stream at head of cove.
KARLUK RIVER											
255-101 6-12-1995	PROKOPOWICH	P			35000	0	0	0			Visibility poor in lagoon, of which 15-20,000 up by Grassy Island.
255-101 9-12-1995	PROKOPOWICH	G	G		330000	0	0	0	1500R		No estimate on coho, however most sport fishermen had a fish on. Estimate 130,000 reds below barrel. 200,000 reds barrel to Grassy Island.

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Stream Date MM-DD-YY	Observer	Visibility Stream	Visibility Mouth	Visibility Bay	Fish in Stream Sockeye	Fish in Stream Coho	Fish in Stream Pink	Fish in Stream Chum	Build Up of Fish Mouth	Build Up of Fish Bay	Observer Remarks
255-101 9-25-1995	WEIR COUNT	E			743056	26914	111066	136			Dates of operation 5/14 to 9/25. Plus 12,657 chinook. Counts include estimates of fish in Karluk Lagoon when weir pulled.
RED RIVER											
256-201 8-27-1995	WEIR COUNT	E			317832	8887	29005	55			Dates of operations 5/27 to 8/27. Plus 17,701 chinook. Counts include estimate of fish below weir when pulled. Coho counts are incomplete, due to early date weir was removed.
256-201 10-13-1995	JOHNSON	G	F		0	20000	0	0			1238 HRS. Surveyed mainstem from Bare Creek to Red River. Upper mainstem Swan Flats to East Fork. Visibility in Bare Creek area fair but in upper mainstem and East Fork visibility was good. 70% of the coho were in area from Bare Creek to Red River. (Bears S/YRL, S/2YRL, SIN 5. All animals in Red River Section.) (2 tundra swans, 2 cygnets on mainstem.)
STURGEON RIVER											
256-401 7-17-1995	HANDER	F			0	0	0	6600			1445 HRS. High stream flow. Fair visibility above confluence of south face and poor in lower river and stream. No jumpers seen in lagoon. Poor light and water conditions for surveying. Surveyed entire stream.
256-401 7-26-1995	PROKOPOWICH	G	G		0	0	0	32000	200Ch		Past peak of spawning. 9,000 of stream fish in lagoon.
256-401 8-15-1995	HANDER	G	P		0	0	600	300	2000P		1848 HRS. High tide, good stream flow. Main stem river and upper lagoon survey.
256-401 8-18-1995	BRENNAN	F	P		0	0	7000	0			1330 HRS. Not much showing in river. Nothing seen in lagoon.

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Stream Date MM-DD-YY	Observer	Visibility Stream	Visibility Mouth	Visibility Bay	Fish in Stream Sockeye	Fish in Stream Coho	Fish in Stream Pink	Fish in Stream Chum	Build Up of Fish Mouth	Build Up of Fish Bay	Observer Remarks
256-401 9- 8-1995	HANDER	G	G		5	100	7000	0	6000Co		1700 HRS. Good look at lagoon and upper river, high tide. Lots of coho jumpers at head of lagoon. Good show of fish past 2-3 miles above lagoon.
256-401 9-12-1995	PROKOPOWICH	G	G		0	1500	0	0			Coho in upper lagoon. No survey of river.
256-401 9-29-1995	HANDER	G	P		0	2600	0	0			1540 HRS. Lower river below meanders to lagoon, visibility poor, water high. All fish observed were in upper section. (2 Tundra Swans)
EAST STURGEON RIVER											
256-402 7-17-1995	HANDER	F	P		0	0	0	3000	1000Ch		1520 HRS. Low tide. High stream flow. Turbid water conditions. Surveyed in index creek.
256-402 8-15-1995	HANDER	G	P		0	0	100	0			1908 HRS. High tide, good stream flow. Surveyed index area and lagoon.
256-402 9-29-1995	HANDER	G	G		0	1000	0	0	50Co		1522 HRS. Surveyed lagoon and index area upstream. Coho scattered in all deep water areas upstream. (Bears 2 Sin.)
BIG SUKHOI											
257-102 8-15-1995	HANDER	F			0	0	0	5000			1944 HRS. High outgoing tide, good stream flow. Surveyed entire main stem.
257-102 8-17-1995	PROKOPOWICH	G	G		0	0	0	14800			Main fork - 12,600 chums, small fork - 2,200.
257-102 9- 8-1995	HANDER	P	P		0	20	0	0			1437 HRS. Stream visibility poor - no estimate for other species. Looks like there may be more fish in lower river. No jumpers in lagoon.
257-102 9-29-1995	HANDER	P			0	0	0	0			1442 HRS. Stream flow high, water very dark, poor survey conditions. Observed some (<10) fish but no identification.

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Stream Date MM-DD-YY	Observer	Visibility Stream	Visibility Mouth	Visibility Bay	Fish in Stream Sockeye	Fish in Stream Coho	Fish in Stream Pink	Fish in Stream Chum	Build Up of Fish Mouth	Build Up of Fish Bay	Observer Remarks
AKALURA CREEK											
257-302 9-11-1995	WEIR COUNT	E			2010	750	24641	0			Dates of operation 6/4 to 6/29 and 7/31 to 9/11.
257-302 10-13-1995	JOHNSON	F	F		0	450	0	0			1218 HRS. Looked at river, lake outlet and east tributary. Most (95%) of the coho were just below lake outlet. Lots of glare on the river made fish hard to see.
SILVER SALMON CREEK											
257-303 7-17-1995	HANDER	P			0	0	0	0			1547 HRS. Good stream flow. Wind on lake made lake survey poor. Surveyed stream, lake and lagoon.
257-303 7-27-1995	CHATTO	F			0	0	0	0			1302 HRS. Surveyed from bay upstream. Nothing in lagoon, head of lake or tributary. Good stream flow.
257-303 8-15-1995	HANDER	F	P		400	0	0	0			1933 HRS. High tide, good to high stream flow. Surveyed entire stream. 50 fish in lagoon, but no species I.D.
257-303 9- 8-1995	HANDER	F	G		0	0	0	0	50Co 200P		1600 HRS. All fish in lagoon or outlet to lagoon. Nothing seen in upper tributary.
257-303 9-29-1995	HANDER	P			0	0	0	0	20Co		1455 HRS. Poor survey conditions, water dark, and high stream flow.
257-303 10-13-1995	JOHNSON	P	P		0	1500	0	0			1232 HRS. Visibility in the lagoon poor, estimate derived from the amount of mud disturbed in lagoon when pass was made with the aircraft. Upper end of lake was good but no fish observed.
UPPER STATION											
257-304 6-12-1995	PROKOPOWICH			G	0	0	0	0		1500R	Reds at mouth of creek.

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Stream Date MM-DD-YY	Observer	Visibility Stream	Visibility Mouth	Visibility Bay	Fish in Stream Sockeye	Fish in Stream Coho	Fish in Stream Pink	Fish in Stream Chum	Build Up of Fish Mouth	Build Up of Fish Bay	Observer Remarks
257-304 8-17-1995	PROKOPOWICH		F		0	0	0	0			Estimated 60,000 - 80,000 reds off mouth. Fair show of fish by Stormy Point.
257-304 9-11-1995	WEIR COUNT	E			245151	5243	10677	1			Dates of operation 5/30 to 9/11.
NARROWS CREEK											
257-401 8-19-1995	KURISCAK				0	0	7500	225	4000P 400Ch		Plus 116 pink and 68 chum carcasses. Water level low, main channel has been diverted by log jams from spring breakup and is dry. Lots of spawnable habitat is lost this season. Found old native stone weir. Small channel that runs through the bog is now the main channel this year. Surveyed 1-1/2 miles.
HORSE MARINE											
257-402 7-17-1995	HANDER	G			600	0	0	0			1605 HRS. Good stream flow. Jumpers off mouth of lagoon (species number questionable). Surveyed lagoon, stream, lake.
257-402 7-27-1995	CHATTO	F			100	0	0	0			1233 HRS. Surveyed from lagoon upstream. No fish in river. Lake choppy, visibility poor. 100 sockeye off mouth north east tributary.
257-402 7-27-1995	PROKOPOWICH	G			400	0	0	0			Fish off inlet stream, east end of lake.
257-402 8-15-1995	HANDER	G	G		600	0	0	0	100Co		2000 HRS. High outgoing tide, good stream flow. Surveyed lake, stream, upper lagoon and lagoon mouth. Coho at mouth of stream in lagoon.
257-402 8-24-1995	KURISCAK				17	0	79	28	75R 1500Co 1000P 300Ch		Plus 1 red, 1 pink, and 2 chum carcasses. Water level low in creek. Surveyed lagoon and then walked creek to upper falls and above a short distance. No buildup below upper falls. Most of the coho in the lagoon were just past the entrance of the lagoon and at the creek mouth at the head of the lagoon.

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Stream Date MM-DD-YY	Observer	Visibility Stream	Visibility Mouth	Visibility Bay	Fish in Stream Sockeye	Fish in Stream Coho	Fish in Stream Pink	Fish in Stream Chum	Build Up of Fish Mouth	Build Up of Fish Bay	Observer Remarks
257-402 9- 8-1995	HANDER	G	P		1200	0	0	0	75Co		1422 HRS. All reds on beach area in lake - northwest shore and at tributary. Coho estimate is for mouth of stream only. Lots of coho jumpers in lagoon but visibility too poor for estimate. (Sport fishermen in lagoon.)
257-402 9-28-1995	HANDER	F	F		900	40	0	0	6000Co		1140 HRS. Lake and river flow high. All mouth coho were in lagoon. All reds spawning on lake shore on north side.
257-402 10-13-1995	JOHNSON	G	G		0	1400	0	0			1142 HRS. Looked at both the lake and the river. Low stream flow. Most fish were still located below the falls, falls were passable. (Bears SIN) two tundra swans on lake.
DOG SALMON											
257-403 6-12-1995	PROKOPOWICH		G	G	0	0	0	0	11500R	8000R	Est: 8,000 reds on the flats, 11,000 reds on east fork below weir, 500 reds in west fork below weir.
257-403 7-27-1995	PROKOPOWICH		G	G	0	0	0	0	70000P	54000P	No survey of stream. Mouth fish on flats, rest inside markers from Iverson's Bight to Horse Marine.
257-403 9- 9-1995	WEIR COUNT	E			222170	4172	204231	2180			Dates of operation 6/2 to 9/9. Plus 470 chinook. Counts include estimates of fish below weir when pulled.
257-403 10- 3-1995	HANDER	G			0	4500	0	0			1030 HRS. Surveyed from Fishpass to bear falls and east fork. Flow high but visibility good. 1,500 of the coho were in the east fork.
TALIFSON'S CREEK											
257-404 8- 9-1995	KURISCAK				0	0	13000	27	2500P		Plus 7 chum carcasses. Lots of log jams but fish are able to make it up. More pinks coming in. Approximately 25-35,000 off mouth of Dog Salmon River. Surveyed 1-7/8 miles.

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Stream Date MM-DD-YY	Observer	Visibility Stream	Visibility Mouth	Visibility Bay	Fish in Stream Sockeye	Fish in Stream Coho	Fish in Stream Pink	Fish in Stream Chum	Build Up of Fish Mouth	Build Up of Fish Bay	Observer Remarks
DEADMAN RIVER											
257-502 7-27-1995	CHATTO	E			0	0	2700	0			1220 HRS. Stream only. Good stream flow. Lots of balls (fish) in bay along east shoreline and in flats (pinks).
257-502 7-30-1995	PROKOPOWICH	F			0	0	13500	0			West fork - 6,500 pinks, east fork - 7,000 pinks. Fish off mouth but visibility too poor for estimate.
257-502 8-16-1995	HANDER	G	G		0	0	33750	3750			0927 HRS. Outgoing tide, moderate to low flow. 50,000 fish, mostly pinks, from head of Deadman to Alpine Cove. Surveyed entire river, many carcasses in upper reaches of river.
257-502 8-17-1995	PROKOPOWICH	E	E		0	0	70000	2000	500000P		West fork - 28,000 pinks, east fork - 42,000 pinks, 2,000 chums.
257-502 8-24-1995	BRENNAN	G	F	F	0	0	134000	17000	77000P 2000Ch	268000P	TIME: 1450 HRS. Conservative estimate of bay fish #NAME? pinks in all forks of river. Likely more chums. Plus 20,000 carcasses.
257-502 9- 8-1995	HANDER	G	F		0	0	58000	1000	35000P		1400 HRS. Good stream flow, very high tide. Estimate in mouth - poor visibility. Pinks scattered upstream in both forks as far as possible. Estimate 100,000 fish in bay between Deadman and Alpine Creek.
257-502 9-28-1995	HANDER	G	G		0	500	18000	0			1050 HRS. Surveyed both forks, water level in west fork high, water level in east fork moderate. All coho observed were well upstream in the east fork.

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Stream Date MM-DD-YY	Observer	Visibility Stream	Visibility Mouth	Visibility Bay	Fish in Stream Sockeye	Fish in Stream Coho	Fish in Stream Pink	Fish in Stream Chum	Build Up of Fish Mouth	Build Up of Fish Bay	Observer Remarks
257-502 10-13-1995	JOHNSON	G	G		0	1150	0	0			1128 HRS. Surveyed all but the upper reaches of the north fork. Stream flow low. Still lots of pink carcasses in lower river. (Bears S/2 COY, 2S/2 YRL, S/YRL, SIN 9 most feeding on old pink carcasses.)
ALPINE COVE CREEK											
257-503 7-27-1995	CHATTO	E			0	0	800	0			1213 HRS. Stream only. Good stream flow, balls of fish (pinks) in outer bay.
257-503 8-16-1995	HANDER	E	G		0	0	7600	400			0945 HRS. Outgoing tide, good stream flow. Surveyed entire stream.
257-503 8-17-1995	PROKOPOWICH	G	G		0	0	16000	0	8000P		
257-503 8-24-1995	BRENNAN	G	F	F	0	0	32000	0	15000P	95000P	TIME: 1440 HRS. Lots of fish but high tide and murky water. Most stream fish in lower mile. Plus 9,000 carcasses.
257-503 9-8-1995	HANDER	G	G		0	0	16000	0	18000P		1355 HRS. Good stream flow. Pinks scattered upstream to headwaters - very high tide. Lots of jumpers in bay.
257-503 9-28-1995	HANDER	G	G		0	50	10000	0			1106 HRS. Flow moderate. All fish dispersed in lower 1/2 mile of stream.
257-503 10-17-1995	JOHNSON	E			0	50	0	0			1414 HRS. Moderate flow. Most coho above flats.
HELLEN CREEK											
257-504 8-16-1995	HANDER	G			0	0	0	0			0955 HRS. Surveyed 3 miles southwest of Hellen Creek. Outgoing tide, good stream flow. Has small falls in lower river, no fish seen.
257-504 8-24-1995	BRENNAN	G	G	F	0	0	9500	0	30000P	64000P	TIME: 1430 HRS. Lots of fish out front - traveling fish.

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Appendix A.1. (page 23 of 49)

Stream Date MM-DD-YY	Observer	Visibility Stream	Visibility Mouth	Visibility Bay	Fish in Stream Sockeye	Fish in Stream Coho	Fish in Stream Pink	Fish in Stream Chum	Build Up of Fish Mouth	Build Up of Fish Bay	Observer Remarks
N.E. PORTAGE											
257-601 8-16-1995	HANDER	G	G		0	0	0	2000			1020 HRS. Low tide, low flow. Surveyed entire stream.
257-601 8-24-1995	BRENNAN	E	E	E	0	0	11000	4000	130000P 1400Ch	3Co 75000P	TIME: 1225 HRS. Not that many fish in stream yet, water flow low. Tremendous amount of fish in lagoon (mouth fish). New fish moving in along shore from south. Plus 10,000 carcasses, most near mouth. 3 bears.
257-601 9- 8-1995	HANDER	G	P		0	0	19000	1000			1336 HRS. Surveyed entire creek. Very few dry spots, good stream flow. Lots of jumpers (pinks?) off mouth and in bay.
257-601 9-29-1995	HANDER	G	F		0	60	17000	0			1205 HRS. Surveyed entire stream. Flow moderate, no dry spots. 7,000 - 8,000 pink carcasses in stream.
SULUA PINK CREEK											
257-602 8-16-1995	HANDER	G	F		0	0	1200	0	5000P		1005 HRS. Outgoing tide, moderate flow. Surveyed entire stream.
257-602 8-24-1995	BRENNAN	E	E	E	0	0	13000	0	14000P	159000P	TIME: 1220 HRS. Mouth plugged with fish and at least 70,000 right off mouth. Rest of bay fish between here and stream 257-603. Some new fish moving in. Plus 5,000 carcasses. Sow and 3 cubs in stream mouth.
257-602 9- 8-1995	HANDER	F	F		0	0	15000	0	50000P		1330 HRS. Gppd stream flow. Pinks scattered upstream for at least one mile. Large numbers of pinks in mouth off flats, and along shore to Sulua Chum.

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Stream Date MM-DD-YY	Observer	Visibility Stream	Visibility Mouth	Visibility Bay	Fish in Stream Sockeye	Fish in Stream Coho	Fish in Stream Pink	Fish in Stream Chum	Build Up of Fish Mouth	Build Up of Fish Bay	Observer Remarks
SULUA CHUM CREEK											
257-603 8-16-1995	HANDER	G			0	0	500	3000			0957 HRS. Outgoing tide, moderate flow. Surveyed entire stream. 5,000 mixed fish off mouth.
257-603 8-24-1995	BRENNAN	E	E	E	0	0	15000	5000	54000P 19000Ch	56000P	TIME: 1210HRS. Massive numbers of pinks in bay between this system and 257-602. Lots of fish in lagoon within 1/2 mile of stream mouth - could be more chums than estimate. Plus 5,000 carcasses. 1 bear in stream, 2 or 3 bears on flats.
257-603 9- 8-1995	HANDER	G	P		0	0	3000	20000	8000Ch		1255 HRS. Good stream flow, no dry spots upstream. Visibility in mouth poor. High tide - lots of fish scattered in bay from Sulua Chum to Sulua Pink Creek - 50+ thousand.
257-603 9-29-1995	HANDER	F			0	0	12600	5400			1310 HRS. Surveyed entire stream, moderate stream flow. Estimate 20,000 pink carcases in stream. (Bears-Sin.)
257-603 10-17-1995	JOHNSON	F			0	225	0	0			1403 HRS. Lots of glare on stream, low flow. Still lots of pinks and some chum but no estimate. Lots of carcasses. (Bears SIN.)
TOM'S CREEK											
257-604 8-16-1995	HANDER	G			0	0	4100	0			1010 HRS. Low tide, low flow. Surveyed entire stream. Stream goes dry about one mile up from mouth.
257-604 8-24-1995	BRENNAN	E	E	E	0	0	16000	0	12000P	154000P	TIME: 1230 HRS. Creek goes dry up above lagoon. Lower creek plugged. Bay fish scattered along beach to south - traveling fish.
HUMPY RIVER											
257-701 7-27-1995	PROKOPOWICH	G	G		0	0	23000	0	90000P		Mouth fish inside markers.

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Stream Date MM-DD-YY	Observer	Visibility Stream	Visibility Mouth	Visibility Bay	Fish in Stream Sockeye	Fish in Stream Coho	Fish in Stream Pink	Fish in Stream Chum	Build Up of Fish Mouth	Build Up of Fish Bay	Observer Remarks
257-701 7-30-1995	PROKOPOWICH	E	P		0	0	46500	0			Fish all the way to upper end. Overcast. Lots of fish but visibility too poor for estimate.
257-701 8- 6-1995	PROKOPOWICH	P			0	0	50000	0			Poor light condition.
257-701 8-17-1995	PROKOPOWICH	E	E		0	0	250000	0	1680000	P	Perfect spotting conditions. Also numerous small schools offshore.
257-701 8-24-1995	BRENNAN	E	E	E	0	0	270000	0	250000P	443000P	TIME: 1250 HRS. Massive amount of fish in closed waters, stream mouth and lower river. Fish 1/2 way up canyon then few fish; upper end has fair amount of fish plus lots of carcasses. Total carcass count 40,000. Could use more water, creek kind of low.
257-701 9-29-1995	HANDER	G	F		0	440	5000	0			1225 HRS. Surveyed entire stream, visibility in lower canyon areas fair. Stream flow moderate. 200,000 pink carcasses in lower 1/2 of river. Hard to see coho in lower river. (Bears S/2 YTG, S/2 COY, 8 Sin.)
257-701 10-17-1995	JOHNSON	G	F		0	650	0	0			1253 HRS. Looked at entire stream, visibility in upper section good but in lower half it was only fair. Low flow. Still lots of pink carcasses in the lower 1/2 mile.
SHAG BLUFF CREEK											
257-702 8-24-1995	BRENNAN	E	E	E	0	0	2900	0	18000P	60000P	TIME: 1235 HRS. LOTS of fish traveling.
SEABORG BAY CREEK											
257-703 8-24-1995	BRENNAN	E	E	E	0	0	4000	0	15000P	10000P	TIME: 1245 HRS. Water low.
SHEARWATER BAY CREEK											
258-202 8- 6-1995	PROKOPOWICH			G	0	0	0	0		2500Ch	

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Stream Date MM-DD-YY	Observer	Visibility Stream	Visibility Mouth	Visibility Bay	Fish in Stream Sockeye	Fish in Stream Coho	Fish in Stream Pink	Fish in Stream Chum	Build Up of Fish Mouth	Build Up of Fish Bay	Observer Remarks
PORT OTTER CREEK											
258-203 8- 4-1995	BRENNAN	G	G	G	0	0	0	50	100P 10Ch	7500P	1150 HRS. Chums in sloughs. Pinks all out front of Port Otter. Shearwater Creek is dry.
DOG BAY CREEK											
258-204 8- 4-1995	BRENNAN	P	F	P	0	0	0	0			1247 HRS. No show but poor look out front.
258-204 8- 6-1995	PROKOPOWICH		G		0	0	0	0	4000Ch		
COXCOMB POINT CREEK											
258-205 8- 4-1995	BRENNAN	G	F	P	0	0	0	0			1245 HRS. No show but poor look outside.
258-205 8- 6-1995	PROKOPOWICH		G		0	0	0	0	3500Ch		
N. KILIUDA CREEK											
258-206 7-27-1995	PROKOPOWICH	G	G		0	0	3500	200			
258-206 8- 4-1995	BRENNAN	F	F	F	0	0	5500	0	2000P		1255 HRS. Only fair look at creek, very windy.
258-206 8-17-1995	PROKOPOWICH	G			0	0	30000	0			
W. KILIUDA CREEK											
258-207 7-27-1995	CHATTO	E			0	0	1200	20	1500P		1110 HRS. Surveyed stream only. Estimate 1,000-1,500 pinks off mouth in flats. Good stream flow.
258-207 7-27-1995	PROKOPOWICH	G	G	G	0	0	1200	100	100Ch	25000P	500 pinks - west fork, 700 pinks, 100 chums - sample fork. Fish in bay half way to Dukuluk. Good flow out to Pivot Point.
258-207 8- 4-1995	BRENNAN	F	G	G	0	0	3200	0	2000P	7500P	1240 HRS. Pinks in stream evenly split between index creek and south fork.
258-207 8-16-1995	HANDER	G	G		0	0	3300	0	2000P		1125 HRS. Low tide, moderate flow. Surveyed entire stream.

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Stream Date MM-DD-YY	Observer	Visibility Stream	Visibility Mouth	Visibility Bay	Fish in Stream Sockeye	Fish in Stream Coho	Fish in Stream Pink	Fish in Stream Chum	Build Up of Fish Mouth	Build Up of Fish Bay	Observer Remarks
258-207 8-17-1995	PROKOPOWICH	G	G	G	0	0	13500	0	12000P	1500P	Excellent show inside markers, lots of small scattered schools of pinks and chums throughout bay.
258-207 9- 8-1995	HANDER	g			0	0	20000	1500			1127 HRS. Surveyed entire stream. Good stream flow, not too high. Pinks scattered in lower mile of river. Some jumpers out off mouth, but visibility not good enough to count. (2 single bears fishing.)
258-207 9-29-1995	HANDER	G	G		0	400	4500	0			1018 HRS. Surveyed first 2 miles of stream, stream flow high but visibility o.k. Mainstem of stream now flowing more to the north at the mouth. (Bears S/COY, S/2 COY, SD/YRL, 4 Sin)
DUKALUK CREEK											
258-208 7-27-1995	PROKOPOWICH		G		0	0	0	0	5000P		No survey of stream.
258-208 8- 4-1995	BRENNAN	G	G	G	0	0	0	0		7500P	1235 HRS. Fish outside.
DEER CREEK											
258-209 8- 4-1995	BRENNAN	F	F	P	0	0	0	0	500P		1250 HRS. Quick look at buildup near mouth; no fish in creek.
KILIUDA SPIT CREEK											
258-210 8- 4-1995	BRENNAN	F	F	F	0	0	400	0	1500P	8000P	1252 HRS. Good shot of fish out in spit and at mouth.
MARKER GROVE CREEK											
258-211 8- 4-1995	BRENNAN	G	G	G	0	0	0	0		4000P	1235 HRS. No fish in creek, but good show just to west on beach.
258-211 8-17-1995	PROKOPOWICH		G		0	0	0	0	15000P		

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Stream Date MM-DD-YY	Observer	Visibility Stream	Visibility Mouth	Visibility Bay	Fish in Stream Sockeye	Fish in Stream Coho	Fish in Stream Pink	Fish in Stream Chum	Build Up of Fish Mouth	Build Up of Fish Bay	Observer Remarks
PIVOT POINT											
258-212 8- 4-1995	BRENNAN	G	G	G	0	0	0	0		10000P	1225 HRS. No fish in lagoon or creek, but good number of pinks out at Pivot Point....traveling fish.
OCEAN BEACH											
258-401 8- 6-1995	PROKOPOWICH				5000	0	0	0			Reds in upper end of lake. Good show of pinks along outside beach.
ROLLING BAY											
258-511 8- 6-1995	PROKOPOWICH	G	G		0	0	3000	0	20000P		Looks good.
MIDWAY CREEK											
258-521 7-27-1995	CHATTO	E			0	0	5100	0			1122 HRS. Surveyed stream only, no jumpers off mouth but saw several schools of pinks off mouth. Good stream flow. Pinks scattered to about 3 miles upstream.
258-521 8- 4-1995	BRENNAN	G	F	F	0	0	4500	1500	2000P 500Ch	2000P	1215 HRS.
258-521 8-16-1995	HANDER	G			0	0	9000	1000			1109 HRS. Low tide, good flow. Good spawning distribution throughout the river. Surveyed entire stream.
258-521 8-17-1995	PROKOPOWICH	G	G		0	0	40000	0	25000P		Looks good.
258-521 9- 8-1995	HANDER	F	P		0	3000	18000	3500			1145 HRS. Surveyed lower six miles of stream. Incoming tide, water level moderate. Five sport fishermen and two skiffs. All coho were in lower 1/2 mile river.
258-521 9- 8-1995	PROKOPOWICH	G	G		0	1500	0	0	500Co		2 skiffs. No count on pinks.

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Stream Date MM-DD-YY	Observer	Visibility Stream	Visibility Mouth	Visibility Bay	Fish in Stream Sockeye	Fish in Stream Coho	Fish in Stream Pink	Fish in Stream Chum	Build Up of Fish Mouth	Build Up of Fish Bay	Observer Remarks
253-521 9-29-1995	HANDER	F			0	3370	6000	0			1050 HRS. Surveyed most of stream. Visibility in lower 1/2 mile of stream was only fair, but then visibility was good for rest of survey. Flow was average to high. Observed 4,500 Dollies in upper river. Three fishermen and one bear 1/4 mile upstream. 50 - 100 coho carcasses filleted out on bank.
258-521 10-17-1995	JOHNSON	G			0	2550	0	0			1151 HRS. Surveyed entire stream, most fish above lower two miles of river. Moderate stream flow.
BARLING CREEK											
258-522 7-27-1995	CHATTO	E			0	0	4500	0			1137 HRS. Surveyed stream only, no jumpers in flats. Moderate stream flow.
258-522 7-27-1995	PROKOPOWICH	G	G		0	0	4500	0	20000P		Good show ofjumpers Old Harbor to Barling.
258-522 8- 4-1995	BRENNAN	E	G	G	0	0	13500	500	7000P	7000P	1205 HRS. Not much out front or along beaches. No boats fishing.
258-522 8- 6-1995	PROKOPOWICH	G	G		0	0	14000	0	33000P		
258-522 8-16-1995	HANDER	G			0	0	10000	0			1057 HRS. Low tide, good stream flow. Good distribution of pinks in the river. Surveyed entire stream.
258-522 8-17-1995	PROKOPOWICH	G	G		0	0	26000	0	58000P		Coho jumpers in bay.
258-522 8-24-1995	BRENNAN	E	E	G	0	0	40000	0	28000P	121000P	TIME: 1500 HRS. Some fish in upper stretches of creek, but goes dry below in spots. Most fish in lower 1/3 of creek, at and below weir. Lots of fish in bay on flats and outer beach on south side. Plus 15,000 carcasses, mostly at mouth.

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Stream Date MM-DD-YY	Observer	Visibility Stream	Visibility Mouth	Visibility Bay	Fish in Stream Sockeye	Fish in Stream Coho	Fish in Stream Pink	Fish in Stream Chum	Build Up of Fish Mouth	Build Up of Fish Bay	Observer Remarks
258-522 9- 8-1995	HANDER	G	P		0	0	39000	0			1200 HRS. Surveyed lower 1/2 of river. Coho jumping off mouth, but visibility too poor to make estimate,
258-522 9- 8-1995	PROKOPOWICH	G	G		0	500	26000	0	500Co 15000P		Lots of sport boats in bay. Fair show of coho jumpers.
258-522 9-29-1995	HANDER	G	G		0	3300	13000	0			1109 HRS. Surveyed well upstream, good show of fish. Stream flow moderate to high. Boat (3 fishermen) 1/4 mile upstream. 30 - 50 coho carcasses on bank.
258-522 10-17-1995	JOHNSON	G			0	750	0	0			1209 HRS. Surveyed entire stream, low flow. Still lots of pink carcasses in lower river. (Bears 2 SIN.)
OLD HARBOR CREEK											
258-523 8-17-1995	PROKOPOWICH		G		0	0	0	0	2500P		
WEST THREE SAINTS											
258-531 7-27-1995	CHATTO	E			0	0	0	0			1148 HRS. Stream only. Good stream flow.
258-531 8-16-1995	HANDER	G	G		0	0	300	0	2000P		1046 HRS. Low tide, good flow. Surveyed entire stream. Best show of pinks seen in years.
258-531 9- 8-1995	HANDER	G	G		0	0	8000	0	100P		1219 HRS. Stream flow looks good. Pinks spread out in lower 1/8 mile of stream. Large ball of fish just inside mou
258-531 9-29-1995	HANDER	E	E		0	0	200	0			1133 HRS. Good flow, all pinks in lower pool. (Bears S/2 COY.)
S.W. THREE SAINTS											
258-532 7-27-1995	CHATTO	E			0	0	0	0			1150 HRS. Stream only. Good stream flow.
258-532 8-16-1995	HANDER	G	G		0	0	200	0	200P		1043 HRS. Low tide, good flow. Surveyed entire stream.

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Stream Date MM-DD-YY	Observer	Visibility Stream	Visibility Mouth	Visibility Bay	Fish in Stream Sockeye	Fish in Stream Coho	Fish in Stream Pink	Fish in Stream Chum	Build Up of Fish Mouth	Build Up of Fish Bay	Observer Remarks
258-532 9- 8-1995	HANDER	G	G		0	0	3000	0	1000Co 2000P		1221 HRS. Stream flow looks good. Pinks in stream spread out in lower 1/8 mile. Coho estimate off mouth is maximum estimate. Some fish jumping.
258-532 9-29-1995	HANDER	G	G		0	0	0	0			1138 HRS. Moderate stream flow, no fish seen. 2,000 - 3,000 pink carcasses in the flats. (Bears S/3 YRL, Sin.)
N.E. THREE SAINTS											
258-533 8-16-1995	HANDER	G			0	0	100	0			1050 HRS. Low flow, dry area at mouth cutting off upper creek from saltwater. Surveyed entire stream.
258-533 9- 8-1995	HANDER	G			0	0	1000	0			1215 HRS. Stream flow looks good. Pinks scattered for 1/4 mile upstream.
258-533 9-29-1995	HANDER	G	G		0	0	0	0			1129 HRS. Good flow, no fish.
KAIUGNAK POINT											
258-541 7-27-1995	PROKOPOWICH	G	G		0	0	1000	0	2000P		
258-541 7-27-1995	CHATTO	E			0	0	100	0			1200 HRS. Surveyed stream only. Fair stream flow.
258-541 8-16-1995	HANDER	G	G		0	0	2000	0	1000P		1036 HRS. Low tide, low flow. Surveyed entire stream.
258-541 8-24-1995	BRENNAN	E	E	E	0	0	24000	0	13000P	15000P	TIME: 1155 HRS. Bay fish only those on beach right in front of stream mouth. Lots of fish...big ribbons and balls of pinks out front. Most of stream fish in lower 1/2 mile. Plus 2,000 carcasses.
258-541 9- 8-1995	HANDER	F	F		0	3000	32000	0	1500Co		1240 HRS. Good stream flow, no dry spots upstream. Lots of fish. Coho jumping in large numbers inside mouth.

-Continued-

Stream Date MM-DD-YY	Observer	Visibility Stream	Visibility Mouth	Visibility Bay	Fish in Stream Sockeye	Fish in Stream Coho	Fish in Stream Pink	Fish in Stream Chum	Build Up of Fish Mouth	Build Up of Fish Bay	Observer Remarks
258-541 9-29-1995	HANDER	G	G		0	1400	14000	0			1155 HRS. Surveyed lower 1.5 miles of the stream. Pinks distributed in lower 3/4 mile. Stream flow moderate. 3,000 - 4,000 pink carcasses in lower river. (Bears 2 Sin.)
258-541 10-17-1995	JOHNSON	G			0	250	0	0			1231 HRS. Upper reaches dry. Lots of pink carcasses in lower end of river. Low flow.
KAIUGNAK LAGOON											
258-542 7-27-1995	CHATTO	E	P		0	0	0	0			1205 HRS. Stream only. Moderate stream flow. Some jumpers in bay-water choppy.
258-542 7-27-1995	PROKOPOWICH		G		0	0	0	0	4000P		Nothing seen in stream.
258-542 8-16-1995	HANDER	G	G		0	0	2000	0	3000P		1033 HRS. Low tide, low flow. Surveyed entire stream.
258-542 8-24-1995	BRENNAN	E	E	E	0	0	38000	0	42000P	2000P	TIME: 1200 HRS. Not much outside of lagoon (lots at stream 258-542). Great show in lagoon. Plus 8,000 carcasses.
258-542 9- 8-1995	HANDER	G	P		0	0	20000	0			1252 HRS. Good stream flow, lots of fish but visibility off mouth poor - no estimate.
AUNULA CREEK											
258-543 9- 8-1995	HANDER	F	P		0	500	4000	0			1233 HRS. Good stream flow. Most coho balled up just inside mouth.
258-543 9-29-1995	HANDER	F	F		0	0	40	0			1148 HRS. Surveyed lower 1/4 mile of stream. Moderate stream flow. 200 - 400 pink carcasses in the lower river. (Bears 3 Sin.)
BRUIN CREEK											
258-544 7-27-1995	CHATTO	E	P		0	0	0	0			1204 HRS. Stream only. Quick look, fair stream flow. Some fish off mouth, jumpers. No estimate - choppy.

-Continued-

Stream Date MM-DD-YY	Observer	Visibility Stream	Visibility Mouth	Visibility Bay	Fish in Stream Sockeye	Fish in Stream Coho	Fish in Stream Pink	Fish in Stream Chum	Build Up of Fish Mouth	Build Up of Fish Bay	Observer Remarks
258-544 8-16-1995	HANDER	G	G		0	0	900	0	1500P		1035 HRS. Low tide, moderate flow. Looked at outer stream and mouth.
258-544 9- 8-1995	HANDER	G	P		0	0	3000	0			1250 HRS. Good stream flow. Estimate in stream is for lower 200 yards. Estimate 3-4 thousand carcasses outside mouth.
KIAVAK PORTAGE											
258-551 8-16-1995	HANDER	G	G		0	0	0	600	2000Ch		1023 HRS. Low tide, moderate flow. Surveyed entire stream.
258-551 9- 8-1995	HANDER	G	G		0	0	1500	0	3000P		1340 HRS. Stream flow looks good.
KAGUYAK BAY CREEK											
258-602 8- 6-1995	PROKOPOWICH	G	G	G	0	0	1500	0	18000P	6000P	
258-602 8-17-1995	PROKOPOWICH	G	G	G	0	0	13000	0	19000P 17000Ch	49000P 24000Ch	Looks impressive. Bay fish along beach by old village.
KAGUYAK FOX CREEK											
258-603 9-29-1995	HANDER	G			0	2300	500	0			1215 HRS. Surveyed lower 2.5 miles. Stream flow moderate. Nothing in the lagoon.
258-603 10-17-1995	JOHNSON				0	250	0	0			1242 HRS. Stream flow moderate. Most fish have moved into upper reaches.
SEVEN RIVERS											
258-701 7-27-1995	PROKOPOWICH	G	G		0	0	1000	0	1500P		Stream fish below forks. Lead at mouth of stream not blocking fish.
258-701 7-30-1995	PROKOPOWICH	G	G		0	0	12000	0	1500P		7,000 pinks below forks, 1,500 pinks - west fork, 3,500 pinks - east fork.
258-701 8- 6-1995	PROKOPOWICH	G	G		0	0	68000	0			West fork - 15,000 pinks, east fork - 27,000, below falls - 26,000.

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Stream Date MM-DD-YY	Observer	Visibility Stream	Visibility Mouth	Visibility Bay	Fish in Stream Sockeye	Fish in Stream Coho	Fish in Stream Pink	Fish in Stream Chum	Build Up of Fish Mouth	Build Up of Fish Bay	Observer Remarks
258-701 8-17-1995	PROKOPOWICH	G	G		0	0	178000	0	80000P		Below forks - 40,000 pinks, west fork - 63,000 pinks, east fork - 75,000.
258-701 8-24-1995	BRENNAN	E	E	E	0	0	375000	0	120000P	320000P	TIME: 1305 HRS. Not the best look at bay; water kind of murky and lots of fish offshore in deeper water. River is plugged, fish distributed all the way up both forks. These are conservative counts! Plus 30,000 carcasses.
258-701 10-17-1995	JOHNSON	F			0	175	0	0			1307 HRS. Looked at both forks. Stream flow moderate. Still some pinks left in lower river, lots of pink carcasses. (Bears 4 SIN.)
WALTER'S CREEK											
258-702 8-17-1995	PROKOPOWICH	G	G		0	0	45000	0	15000P		Two tagged bears in creek.
MELAVEDOF CREEK											
258-705 8-17-1995	PROKOPOWICH		G		0	0	0	0	10000P		
WHIRLPOOL POINT											
258-803 8-24-1995	BRENNAN	F	F	P	0	0	0	0			TIME: 1320 HRS. Overcast. Gravel bar at mouth blocking fish passage.
STRIP CREEK											
258-808 8-24-1995	BRENNAN	G	F	F	0	0	2000	1500			TIME: 1324 HRS. Not many fish, good water flow. Nothing seen in lakes or lagoon.
GLOTECLOSS CREEK											
258-809 8-24-1995	BRENNAN	G	F	F	0	0	1200	2000	4000P		TIME: 1325 HRS. Plus 300 chum carcasses.
258-811 8-24-1995	BRENNAN	G	F	P	0	0	2500	0	8000P		TIME: 1322 HRS.

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Stream Date MM-DD-YY	Observer	Visibility Stream	Visibility Mouth	Visibility Bay	Fish in Stream Sockeye	Fish in Stream Coho	Fish in Stream Pink	Fish in Stream Chum	Build Up of Fish Mouth	Build Up of Fish Bay	Observer Remarks
PASSAGE CREEK											
258-851 8-24-1995	BRENNAN	F	P	P	0	0	400	1800			TIME: 1340 HRS. No fish seen in lagoon, but poor look. Fish close up to foothills.
SOUTH VIEW CREEK											
258-852 8-24-1995	BRENNAN	F	F	F	0	0	0	0			TIME: 1335 HRS. Good water flow but no fish in creek.
RUSSIAN HARBOR											
258-901 8-24-1995	BRENNAN	G	G	F	0	0	4500	0	4000P	4000P	TIME: 1415 HRS. Good shot of fish in bay between this stream and 258-902. Could be more in bay but water murky. Plus 1,200 carcasses.
258-901 9-29-1995	HANDER	G			0	400	0	0			Time 12:50 hours. Surveyed lower 1/2 mile; moderate stream flow.
E. RUSSIAN CREEK											
258-902 8-24-1995	BRENNAN	G	E	E	0	0	2800	0	14000P	20000P	TIME: 1410 HRS. Plus 1,500 carcasses.
258-902 9-29-1995	HANDER	G			0	0	0	0			1247 HRS. Looked at lower 1/4 mile, no fish. Moderate stream flow.
KEVIN CREEK											
258-903 9-29-1995	HANDER	G			0	0	100	0			1244 HRS. Surveyed lower 1/2 mile of creek, flow moderate. 2,000 - 3,000 pink carcasses in stream.
258-905 8-24-1995	BRENNAN	G	G	F	0	0	2400	0	14000P	2000P	TIME: 1400 HRS. Water low in creek.
MONASHKA CREEK											
259-101 7-31-1995	PROKOPOWICH		G		0	0	0	0	6000P		No survey of stream.
259-101 7-31-1995	GRETSCH	G	G	E	0	0	0	0	500P		1441 HRS.
259-101 8-16-1995	PROKOPOWICH	G	G		0	0	2000	0	5000P		

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Stream Date MM-DD-YY	Observer	Visibility Stream	Visibility Mouth	Visibility Bay	Fish in Stream Sockeye	Fish in Stream Coho	Fish in Stream Pink	Fish in Stream Chum	Build Up of Fish Mouth	Build Up of Fish Bay	Observer Remarks
PILLAR CREEK											
259-102 7-31-1995	PROKOPOWICH		G		0	0	0	0	10500P		No survey of stream. Buildup looks excellent.
259-102 7-31-1995	GRETSCH	G	F	P	0	0	0	0	1200P	700P	Multiple jumpers near markers but visibility poor.
259-102 8-16-1995	PROKOPOWICH	G	E		0	0	4000	0	16000P		
BUSKIN RIVER											
259-211 7-31-1995	PROKOPOWICH	G			0	0	14000	0			
259-211 7-31-1995	GRETSCH	F	F	F	0	0	4500	0	2000P	1200P	1430 HRS.
259-211 8- 4-1995	BRENNAN				0	0	14000	0			1340 HRS. Huge balls of fish in some spots. Not widespread in river.
259-211 8-16-1995	PROKOPOWICH	G	G		0	0	46500	0			Of which 36,000 above weir, weir not fish tight.
259-211 8-17-1995	BRENNAN	G	G		0	0	73000	0	8000P		1700 HRS. 57,000 above weir, 16,000 below. No bay survey.
259-211 9-16-1995	WEIR COUNT	E			15520	8694	72826	43			Dates of operation 5/25 to 7/31 and 8/20 to 9/16. Plus 8 chinook. Pink salmon count includes aerial estimate of fish above weir when reinstalled on 8/20, but no estimate of pink salmon spawning below the weir. Count for coho is expanded to estimate total escapement (67.25% thru by 9/16).
SARGENT'S CREEK											
259-221 7-31-1995	GRETSCH	F	F	F	0	0	500	0	900P		1425 HRS.
259-221 8-18-1995	PROKOPOWICH	G			0	0	8000	0		5500P	Bay fish along road.
RUSSIAN RIVER											
259-222 7-31-1995	GRETSCH	F	F	F	0	0	700	0	1000P		1415 HRS.

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Stream Date MM-DD-YY	Observer	Visibility Stream	Visibility Mouth	Visibility Bay	Fish in Stream Sockeye	Fish in Stream Coho	Fish in Stream Pink	Fish in Stream Chum	Build Up of Fish Mouth	Build Up of Fish Bay	Observer Remarks
259-222 8-18-1995	PROKOPOWICH	G		E	0	0	10000	0		130000P	Bay fish between Sargent and Russian Creek.
SOLONIE CREEK											
259-223 7-31-1995	GRETSCH	G	G	F	0	0	300	0	500P	2000P	1410 HRS.
259-223 8-18-1995	PROKOPOWICH	G			0	0	4500	300		190000P	
259-223 10-12-1995	SPORTFISH				31	521	3000	0			Foot Survey. Coho and sockeye are actual counts, pinks are an estimate.
AMERICAN RIVER											
259-231 7-27-1995	PROKOPOWICH	G	G		0	0	3500	0	20000P		Looks good.
259-231 7-31-1995	GRETSCH	G	G	F	0	0	1500	0	900P	3500Ch	1405 HRS.
259-231 8- 4-1995	BRENNAN	F	F	F	0	0	7000	500	6000P	15000P	1335 HRS. Not a great look but definitely not as many fish as Sid Olds. Good show on flats out front. Chums upriver.
259-231 8- 6-1995	PROKOPOWICH	G	G		0	0	10000	0	20000P		Difficult to see fish at mouth due to stage of tide.
259-231 8-18-1995	PROKOPOWICH	G	G		0	0	13000	1500	91000P		
259-231 9- 8-1995	PROKOPOWICH	G			0	4000	102000	8000			
259-231 10-10-1995	SPORTFISH				0	169	30000	0			Foot Survey. Coho are actual counts, pinks are an estimate.
SID OLDS											
259-242 7-27-1995	PROKOPOWICH	G	G		0	0	10000	0	15000P		Looks good for this early.
259-242 7-31-1995	GRETSCH	G	F	P	0	0	500	1500	900P	5000P	Numerous jumpers along beach but visibility is poor.
259-242 8- 4-1995	BRENNAN	G	G	G	0	0	23900	0	16000P 200Ch	7000P 2000Ch	1325 HRS. Windy, so not great look. Pinks clear up above Deadman's cabin (3,100) and balled up.

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Stream Date MM-DD-YY	Observer	Visibility Stream	Visibility Mouth	Visibility Bay	Fish in Stream Sockeye	Fish in Stream Coho	Fish in Stream Pink	Fish in Stream Chum	Build Up of Fish Mouth	Build Up of Fish Bay	Observer Remarks
259-242 8- 6-1995	PROKOPOWICH	G	G		0	0	40000	0	55000P		Fish up past Ben Deadman's.
259-242 8-18-1995	PROKOPOWICH	G	G		0	0	65000	0	65000P		Minimum estimate at mouth.
259-242 9- 8-1995	PROKOPOWICH	G	G		0	6000	62000	0	1500Co		Surveyed to fence crossing only. Looks great for coho.
259-242 10-11-1995	SPORTFISH				0	2642	1000	0			Foot Survey. Coho are actual counts, pinks are an estimate.
MYRTLE CREEK											
259-245 7-31-1995	GRETSCH	G	G	G	0	0	0	0	300P	500P	1355 HRS.
259-245 8-18-1995	PROKOPOWICH	G	G		0	0	7000	0	6000P		
ROSLYN CREEK											
259-251 7-30-1995	PROKOPOWICH	G	G		0	0	200	0	2000P		Pinks in lower end of creek.
259-251 7-31-1995	GRETSCH	G	G	G	0	0	300	0	1300P		1345 HRS.
259-251 8- 6-1995	PROKOPOWICH		G	G	0	0	0	0	15000P	3500P	Looks good. No survey of stream.
259-251 8-18-1995	PROKOPOWICH	G	G		0	0	14000	0	16500P		
259-251 10-12-1995	SPORTFISH				0	322	500	0			Foot Survey. Coho are actual counts, pinks are an estimate.
TWIN CREEK											
259-252 7-31-1995	GRETSCH	G	G	G	0	0	0	0	4000P	300P	1340 HRS.
259-252 8-18-1995	PROKOPOWICH	G	G		0	0	5000	0	4500P		
CAPELIN CREEK											
259-253 7-31-1995	GRETSCH	G	G	G	0	0	0	0	1500P	500P	1320 HRS.

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Stream Date MM-DD-YY	Observer	Visibility Stream	Visibility Mouth	Visibility Bay	Fish in Stream Sockeye	Fish in Stream Coho	Fish in Stream Pink	Fish in Stream Chum	Build Up of Fish Mouth	Build Up of Fish Bay	Observer Remarks
259-253 8-18-1995	PROKOPOWICH	G	G		0	0	1000	0	6000P		
CHINIAK CREEK											
259-254 7-30-1995	PROKOPOWICH	G	G		0	0	5000	0	15000P		Looks good.
259-254 7-31-1995	GRETSCH	G	F	F	0	0	700	0	2500P	3000P	Low stream flow, flew about 2 miles of lower portion of stream.
259-254 8-18-1995	PROKOPOWICH	G	G		0	0	25000	0	3000P		
CRESCENT CREEK											
259-362 9-12-1995	PROKOPOWICH			G	0	0	0	0		200Co	Coho outside breakwater.
BARABARA CREEK											
259-363 6-12-1995	PROKOPOWICH	G			110	0	0	0			Fish in lake, looks weak.
259-363 8-17-1995	BRENNAN	F	F		0	0	1500	0	5000P		1610 HRS. Quick look. No reds left in lake.
KIZHUYAK RIVER											
259-365 8-17-1995	BRENNAN	G	E	E	0	0	48000	8000	86000P 500Ch	15000P	1620 HRS. Impressive show of fish in river and on flats. Bay fish out by dock in front of stream 259-367. Plus 5,000 carcasses.
SHERATIN RIVER											
259-371 7-26-1995	PROKOPOWICH	G		G	0	0	19000	0		53000P	Tremendous number of fish for this early.
259-371 7-31-1995	GRETSCH	G	G	F	0	0	2100	0	2500P	15000P	1515 HRS.
259-371 8-17-1995	BRENNAN	E	E	G	0	0	33400	0	57000P	2000P	1640 HRS. Conservative count - lots of fish in lower river and on flats. Plus 5,000 carcasses. 2 bears.
HORSE CREEK											
259-372 8-17-1995	BRENNAN	G	G		0	0	2800	0			1650 HRS. Quick look. Fish in lower river. Bay fish listed under stream 259-371.

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Stream Date MM-DD-YY	Observer	Visibility Stream	Visibility Mouth	Visibility Bay	Fish in Stream Sockeye	Fish in Stream Coho	Fish in Stream Pink	Fish in Stream Chum	Build Up of Fish Mouth	Build Up of Fish Bay	Observer Remarks
CORRAL CREEK											
259-381 8-18-1995	PROKOPOWICH		G		0	0	0	0	1000P		
RED CLOUD CREEK											
259-382 7-31-1995	GRETSCH	G	G	F	0	0	4500	0	700P		Multiple jumpers in outer bay.
259-382 8-18-1995	PROKOPOWICH	G	G		0	0	6000	600	9500P		Dry at ranch.
259-383 8-18-1995	PROKOPOWICH		G		0	0	0	0	3000P		
SOLDIER'S BAY											
259-397 7-31-1995	GRETSCH	G	G	G	0	0	400	0	2000P	25000P	1450 HRS.
PASAGSHAK RIVER											
259-411 7-30-1995	PROKOPOWICH	G			12500	0	0	0			Most reds still near lake outlet. Visibility only fair.
259-411 8- 4-1995	BRENNAN	E	F	P	1200	0	2600	0	2000P		1130 HRS. Reds not showing well in lake. Pinks not starting to build up.
MIAM RIVER											
259-412 7-27-1995	PROKOPOWICH	G			2000	0	12000	0			Lots of pinks for an "off" year.
259-412 8- 4-1995	BRENNAN	F	F	F	0	0	22100	0	1200P		1315 HRS. Quick look, windy. Lots of pinks in main river. Still balled up so hard to estimate.
259-412 9- 8-1995	PROKOPOWICH	G	G		0	2500	25000	0			Still lots of pinks. 1,500 of the coho in lake.
HURST CREEK											
259-414 7-27-1995	PROKOPOWICH	G	G		0	0	1000	0			Fish in lower end of creek.
259-414 8- 6-1995	PROKOPOWICH	G	G		0	0	21500	0	10000P		Looks good.

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Appendix A.1. (page 41 of 49)

Stream Date MM-DD-YY	Observer	Visibility Stream	Visibility Mouth	Visibility Bay	Fish in Stream Sockeye	Fish in Stream Coho	Fish in Stream Pink	Fish in Stream Chum	Build Up of Fish Mouth	Build Up of Fish Bay	Observer Remarks
SALTERY RIVER											
259-415 7-27-1995	PROKOPOWICH	G			0	0	15500	0			Fish below weir. Good show of fish in outer bay.
259-415 7-30-1995	PROKOPOWICH	G			0	0	19000	0			Pinks below weir.
259-415 8- 4-1995	BRENNAN		F	F	0	0	0	0			1310 HRS. Quick look, very windy. No show.
259-415 8-10-1995	WEIR COUNT	E			43859	4	58794	103			Dates of operation 6/20 to 8/10. Plus 2 chinook. No estimate of fish in river below weir when weir pulled.
259-415 9- 8-1995	PROKOPOWICH	G	G		0	5000	85000	0	1500Co		
ROUGH CREEK											
259-416 8-10-1995	STEWART	F			0	5	1000	100			Foot survey.
WEST BASIN CREEK											
259-419 8- 4-1995	BRENNAN		F	F	0	0	0	0			1305 HRS. Quick look, very windy. No show.
GLOTTOF CREEK											
259-420 8- 4-1995	BRENNAN		F	F	0	0	0	0			1307 HRS. Quick look, very windy. No show.
KILIUDA PASS CREEK											
259-423 7-27-1995	PROKOPOWICH	G	G		0	0	0	500	500Ch		
EAGLE HARBOR											
259-424 7-27-1995	PROKOPOWICH	G	G		0	0	4150	500	6000P		Chums in slough.
259-424 8- 4-1995	BRENNAN	G	G	F	0	0	4700	700	500P 200Ch	9500P	1140 HRS. Two boats anchored out front.
259-424 8- 6-1995	PROKOPOWICH				0	0	10000	1000	15500P		

-Continued-

Stream Date MM-DD-YY	Observer	Visibility Stream	Visibility Mouth	Visibility Bay	Fish in Stream Sockeye	Fish in Stream Coho	Fish in Stream Pink	Fish in Stream Chum	Build Up of Fish Mouth	Build Up of Fish Bay	Observer Remarks
GULL POINT CREEK											
259-426 9- 8-1995	PROKOPOWICH	G		P	0	0	0	9000			7,000 chums by east fork. Fair show of jumpers offshore but visibility too poor to see fish.
DOUGLAS CREEK											
262-101 8-25-1995	PROKOPOWICH	G			0	0	3500	500			
CLEAR CREEK											
262-102 8-25-1995	PROKOPOWICH	G			0	0	0	2800			Half of fish at mouth.
MONUMENT CREEK											
262-103 8-25-1995	PROKOPOWICH	G			0	0	100	0			
GLACIER LAKE CREEK											
262-104 8-25-1995	PROKOPOWICH	P			0	0	0	0			Too muddy.
CALVING GLACIER CRK.											
262-105 8-25-1995	PROKOPOWICH	P			0	0	0	0			Too muddy.
TRIPLE LAKES CREEK											
262-106 8-25-1995	PROKOPOWICH	G			0	0	75	0			Mouth blocked.
LONG MUD CREEK											
262-107 8-25-1995	PROKOPOWICH	P			0	0	0	0			Too muddy.
PRODUCTIVE FORKS CR.											
262-108 8-25-1995	PROKOPOWICH	G			25	0	0	0			
BLUFF CREEK											
262-109 8-25-1995	PROKOPOWICH	F			0	0	2600	0			Silty water.
LONG SLOUGH CREEK											
262-110 8-25-1995	PROKOPOWICH	G			800	0	150	0			

-Continued-

Appendix A.1. (page 43 of 49)

Stream Date MM-DD-YY	Observer	Visibility Stream	Visibility Mouth	Visibility Bay	Fish in Stream Sockeye	Fish in Stream Coho	Fish in Stream Pink	Fish in Stream Chum	Build Up of Fish Mouth	Build Up of Fish Bay	Observer Remarks
SHORT SLOUGH CREEK											
262-112 8-25-1995	PROKOPOWICH	G			10	0	0	0			Same mouth as stream #108.
BROAD VALLEY CREEK											
262-113 8-25-1995	PROKOPOWICH	G			0	100	50	0			
SWIKSHAK RIVER											
262-151 7-26-1995	PROKOPOWICH	F			10000	0	0	0			Most fish in lower end of clear slough.
262-151 7-31-1995	PROKOPOWICH	G			22500	0	0	0			Looks much better.
262-151 8-25-1995	PROKOPOWICH	P	G		0	15000	0	0	2000Co		
BIG RIVER											
262-152 7-26-1995	PROKOPOWICH	F			0	0	0	5500	500Ch		Fish in lower end of river.
262-152 7-31-1995	PROKOPOWICH	G	G		0	0	20000	20000	2500Ch		Looks better.
262-152 8-16-1995	PROKOPOWICH	G	G		0	1000	55000	20000	5000P		7 planes - lots of people.
262-152 8-25-1995	PROKOPOWICH	G	G		0	6000	35000	20000	1500Co		
VILLAGE CREEK											
262-153 7-26-1995	PROKOPOWICH	F			0	0	0	5500			Fish in lower end of river.
262-153 7-31-1995	PROKOPOWICH	G	G	G	0	0	0	4200	10500Ch	3500Ch	Bay fish between Village Creek and Chiniak Lagoon.
262-153 8-16-1995	PROKOPOWICH	G	G		0	0	21000	20000	6000P 6000Ch		
CHINIAK LAGOON											
262-154 7-26-1995	PROKOPOWICH	F	G		0	0	0	0	1500Ch		Nothing seen in lagoon.
262-154 7-31-1995	PROKOPOWICH	G	G		0	0	0	0	4500Ch		Nothing seen in lagoon.

-Continued-

Stream Date MM-DD-YY	Observer	Visibility Stream	Visibility Mouth	Visibility Bay	Fish in Stream Sockeye	Fish in Stream Coho	Fish in Stream Pink	Fish in Stream Chum	Build Up of Fish Mouth	Build Up of Fish Bay	Observer Remarks
262-154 8-16-1995	PROKOPOWICH	G	G		0	0	0	0	500Ch		Nothing seen in lagoon.
262-154 8-25-1995	PROKOPOWICH	G			0	0	0	1000			
NINAGIAK CREEK											
262-201 8-16-1995	PROKOPOWICH	P	F		0	0	0	500	1500Ch		River muddy.
SERPENT CREEK											
262-203 7-26-1995	PROKOPOWICH			F	0	0	0	0			Only two jumpers seen in entire Hallo Bay.
262-203 7-31-1995	PROKOPOWICH	G	G		0	0	0	0	15000Ch		Nothing seen in lower river.
262-203 8-16-1995	PROKOPOWICH	G	G		0	1500	0	9000	13500Ch		1 wheel plane, sport fishermen. Lots of bears.
262-203 8-25-1995	PROKOPOWICH	G	G		0	1500	0	12000	3000Co		
HALLO CREEK											
262-204 7-31-1995	PROKOPOWICH	P	P		0	0	0	0			Jumpers at mouth and scattered to Cape Nukshak. Too muddy to see fish.
CAPE CHINIAK CREEK											
262-205 7-31-1995	PROKOPOWICH		G		0	0	0	0	1000P		No survey of stream.
262-205 8-16-1995	PROKOPOWICH	G	G		0	0	4000	0	1500P		
LITTLE NINAGIAK											
262-207 7-31-1995	PROKOPOWICH	G	G		0	0	0	3500			
KUKAK CREEK											
262-271 8-16-1995	PROKOPOWICH	G	G		0	0	1500	100	1000Ch		A couple small schools of chum in outer bay. Stream fish in sample stream.
262-271 8-25-1995	PROKOPOWICH	G		F	0	0	0	4600		23000Ch	Still looks weak. 3,600 of stream fish in sample fork.

-Continued-

Stream Date MM-DD-YY	Observer	Visibility Stream	Visibility Mouth	Visibility Bay	Fish in Stream Sockeye	Fish in Stream Coho	Fish in Stream Pink	Fish in Stream Chum	Build Up of Fish Mouth	Build Up of Fish Bay	Observer Remarks
262-271 9-12-1995	PROKOPOWICH	F	F	F	0	0	4000	20000	1500Ch	1000Ch	4,000 pinks and 9,500 chums in sample fork. Fair visibility in bay, but only a couple of scattered jumpers seen.
KAFLIA CREEK											
262-301 7-26-1995	PROKOPOWICH	G	G		25000	0	0	0	1000R		Fish in lower lake at inlet stream. One plane (Otter) and two skiffs in bay.
HALFERTY CREEK											
262-351 7-26-1995	PROKOPOWICH	G	G		200	0	0	0	200R		Reds near outlet of lake.
262-351 8-16-1995	PROKOPOWICH	G	G		250	0	5000	0	5000P		
SANDY CREEK											
262-401 7-31-1995	PROKOPOWICH		G		0	0	0	0	100P		
MISSAK CREEK											
262-402 7-26-1995	PROKOPOWICH		E		0	0	0	0	200P		No survey of creek.
262-402 7-31-1995	PROKOPOWICH		G		0	0	0	0	4200P		
262-402 8- 5-1995	PROKOPOWICH		E		0	0	0	0	11000P		
262-402 8-16-1995	PROKOPOWICH	G	G		0	0	0	0	31000P		Nothing seen in creek yet.
KINAK CREEK											
262-451 7-31-1995	PROKOPOWICH	G			0	0	0	50			
262-451 8-16-1995	PROKOPOWICH	G	G	G	0	0	1000	0	4500P	27000P 10000Ch	
262-451 9-12-1995	PROKOPOWICH	E	G		0	0	61000	0	2500P		Lots of bears.
GEOGRAPHIC CREEK											
262-501 7-26-1995	PROKOPOWICH			G	0	0	0	0		400P	Pinks in buildup area by streams 504 and 505. No survey of stream.

-Continued-

Stream Date MM-DD-YY	Observer	Visibility Stream	Visibility Mouth	Visibility Bay	Fish in Stream Sockeye	Fish in Stream Coho	Fish in Stream Pink	Fish in Stream Chum	Build Up of Fish Mouth	Build Up of Fish Bay	Observer Remarks
262-501 7-31-1995	PROKOPOWICH	G	G	G	0	0	0	0		1800P	Nothing seen at mouth or creek. Bay fish in buildup area by streams 505 and 504.
262-501 8- 5-1995	PROKOPOWICH	G	G	G	0	0	2500	0		16000P	Bay fish in buildup areas.
262-501 8-16-1995	PROKOPOWICH	G	G	G	0	0	8000	0		24000P	Bay fish in buildup area.
AVALANCHE CREEK											
262-502 8- 5-1995	PROKOPOWICH	G			0	0	2500	0			
DAKAVAK											
262-551 7-26-1995	PROKOPOWICH	G	G		0	0	0	0			Nothing seen in bay or lower river.
262-551 7-31-1995	PROKOPOWICH	G	G		0	0	1500	0	500P		
262-551 8- 5-1995	PROKOPOWICH	G	G		0	0	3500	0	10000P		
262-551 8-16-1995	PROKOPOWICH	G	G		0	0	9000	0	8000P		Looks weak.
262-551 9-12-1995	PROKOPOWICH	F	G		0	0	12000	0			One large bull moose.
ALOGOGSHAK CREEK											
262-602 8- 5-1995	PROKOPOWICH	P			0	0	0	0			River too muddy to see fish.
KASHVIK CREEK											
262-604 7-26-1995	PROKOPOWICH	G	G		0	0	18000	500			Five small schools off mouth. Looks very good for this time period.
262-604 8- 5-1995	PROKOPOWICH	G	G		0	0	40000	0	1000P		Windy.
BIG ALINCHAK											
262-651 7-26-1995	PROKOPOWICH	G	G	G	0	0	4500	200	12500P	9500P	Looks strong for this early.
262-651 8-16-1995	PROKOPOWICH	G	G	G	0	0	63000	0	1500P	6000P	Looks good.

-Continued-

Stream Date MM-DD-YY	Observer	Visibility Stream	Visibility Mouth	Visibility Bay	Fish in Stream Sockeye	Fish in Stream Coho	Fish in Stream Pink	Fish in Stream Chum	Build Up of Fish Mouth	Build Up of Fish Bay	Observer Remarks
PTERODACTYL CREEK											
262-653 7-26-1995	PROKOPOWICH		G	G	0	0	0	0	1500P	4500P	1,500 pinks between creek and Little Alinchak. Several scattered schools in Little Alinchak (2 seiners). 3,000 pinks along long beach. Looks good. No survey of creek.
262-653 8-16-1995	PROKOPOWICH	E	G	G	0	0	8000	0	25000P	15000P	Bay fish along long beach.
BEAR BAY CREEK											
262-654 7-26-1995	PROKOPOWICH	G	F		0	0	4000	4000	4000P		Looks good for this early.
BEAR LAKE CREEK											
262-655 7-26-1995	PROKOPOWICH	G			200	0	0	0			Reds by inlet stream north side of lake.
PORTAGE CREEK											
262-702 7-27-1995	BRENNAN	G	F	P	0	0	500	200	700P		1740 HRS.
TERESA CREEK											
262-703 7-27-1995	BRENNAN	F	F	P	0	0	0	0	4000P 3000Ch	5000P 3000Ch	1735 HRS. Good shot of fish right out front.
TRAIL CREEK											
262-704 7-27-1995	BRENNAN	F	G	P	0	0	0	0			1730 HRS.
KATIE CREEK											
262-705 7-27-1995	BRENNAN	F	G	P	0	0	0	0	4500P	5000P 4200Ch	1725 HRS. Bay fish, scattered along beach.
OIL CREEK											
262-751 7-27-1995	BRENNAN	E	F	P	0	0	2600	0	1500P		1715 HRS.
DRY BAY											
262-752 7-27-1995	BRENNAN		F	F	0	0	0	0	500Ch		1710 HRS. Too windy for good look at stream or bay. Some fish at mouth, looks like mostly chums.

-Continued-

Stream Date MM-DD-YY	Observer	Visibility Stream	Visibility Mouth	Visibility Bay	Fish in Stream Sockeye	Fish in Stream Coho	Fish in Stream Pink	Fish in Stream Chum	Build Up of Fish Mouth	Build Up of Fish Bay	Observer Remarks
JUTE CREEK											
262-801 7-27-1995	BRENNAN	F	F	F	0	0	0	150	1200P	2300P	1705 HRS. Windy, so poor look at outside beaches.
KANATAK											
262-802 7-27-1995	BRENNAN	E	E	F	0	0	1000	1200	500P	2000P	1700 HRS.
BIG CREEK											
262-851 7-27-1995	BRENNAN	E	F	F	0	0	6800	4000	7000P 2000Ch	20200P 4200Ch	1640 HRS. In sloughs to north 100 pinks and 1,000 chum. Bay fish on beach. No sign of fish offshore. (1 bear)
262-851 8-5-1995	PROKOPOWICH	G	G		0	0	85000	20000	80000P		Wind 30 - 35. Fish all the way up to forks. Looks very good.
262-851 8-18-1995	BRENNAN	f	f	p	0	0	101000	21000	20000P	38000P	Time 1245 hours. Very windy, so quick look. Only able to survey from near lake to downstream. Very conservative estimate. Plus 5,000 carcasses. One bear, one caribou.
DES MOINES CREEK											
262-852 7-27-1995	BRENNAN	E	E	F	0	0	1500	750	1000P 300Ch	1200P	1650 HRS. All fish on south fork and by mouth. Bay fish on beach to south. (1 bear and 1 boar)
262-852 8-18-1995	BRENNAN	F	F	P	0	0	45000	0	50000P		1240 HRS. Lots of fish still out front. Good distribution of fish in creeks. One bear.
PASS CREEK											
262-853 7-27-1995	BRENNAN	E	E	F	0	0	100	100	1000P	7000P 5000Ch	1620 HRS. Few fish in creek. Bay fish in scattered schools north to Des Moines Creek. (1 bear, 1 boar.)
262-853 8-18-1995	BRENNAN	F	F	P	0	0	16000	6000	6000P		1230 HRS. Windy, but able to get fair look at lower 3 miles of stream. One carcass.

-Continued-

Appendix A.1. (page 49 of 49)

Stream Date MM-DD-YY	Observer	Visibility Stream	Visibility Mouth	Visibility Bay	Fish in Stream Sockeye	Fish in Stream Coho	Fish in Stream Pink	Fish in Stream Chum	Build Up of Fish Mouth	Build Up of Fish Bay	Observer Remarks
SHORT CREEK											
262-854 7-27-1995	BRENNAN	E	E	E	0	0	150	50	500P	4000P	1610 HRS. Bay fish in small balls scattered - north to Pass Creek.
262-854 8-18-1995	BRENNAN	P	P	P	0	0	15500	0			1220 HRS. Very windy - only able to survey lower mile of creek.
SPIT CREEK											
262-856 8-18-1995	BRENNAN	P	F	F	0	0	2000	0		5000P	1215 HRS. Very windy - poor look. Only able to look at lower 1/2 mile. Bay fish north of stream.
ICY PEAK CREEK											
262-859 8-18-1995	BRENNAN	F	P		0	0	5000	13500			1210 HRS. Very windy with low clouds. Quick look at fish in clear forks. No estimate of other creek channels.
IMUYA CREEK											
262-951 8- 5-1995	PROKOPOWICH		G		0	0	0	0	3000Ch		Too windy to survey creek.
262-951 8-18-1995	BRENNAN	F	F		0	0	7000	0			1200 HRS. Windy and overcast with lower clouds.
CIRC CREEK											
262-952 8- 5-1995	PROKOPOWICH	G	G		0	0	2000	0	3500P		

Appendix A.2. Peak survey, weir, and estimated total escapements by species and district, Kodiak Management Area, 1995.

	Salmon Species											
	Sockeye			Coho			Pink			Chum		
Stream Number	Peak Count	Weir Count	Estimated Total Escapement	Peak Count	Weir Count	Estimated Total Escapement	Peak Count	Weir Count	Estimated Total Escapement	Peak Count	Weir Count	Estimated Total Escapement
Afognak District												
251-101							12,000		23,686			
251-102												
251-103												
251-104												
251-105		10,803		350		840		8			1	
251-109												
251-201												
251-202												
251-206												
251-207												
251-301							6,000		6,000			
251-302												
251-402												
251-403							2,500		4,934			
251-404							1,200		2,368			
251-405												
251-406	575		1,150	49		117	7,036		12,340			
251-407												
251-502												
251-503												
251-504							500		500			
251-505							17,000		17,000			
251-505a												
251-506												
251-507												
251-510												
251-601		6			1,971			11,691				
251-602				50		120	141		278			

-Continued-

Appendix A.2. (page 2 of 13)

Stream Number	Salmon Species											
	Sockeye			Coho			Pink			Chum		
	Peak Count	Weir Count	Estimated Total Escapement	Peak Count	Weir Count	Estimated Total Escapement	Peak Count	Weir Count	Estimated Total Escapement	Peak Count	Weir Count	Estimated Total Escapement
251-705		1			2,456			4,058				
251-706												
251-811												
251-812												
251-813												
251-821												
251-822	122		244				20,690		47,366			
251-825	6,579		13,158	600		1,440	16,000		31,892	27		45
251-826												
251-829							15,000		29,608			
251-830												
251-831		13,480			10,663			6,232			692	
251-832												
251-901							30,000		30,000			
252-101												
252-102												
252-103												
252-104												
252-301												
252-302												
252-303												
252-305												
252-306							2,000		3,947			
252-307												
252-308												
252-309												
252-317												
252-318												
252-319												
252-323		1,180			552							

-Continued-

Appendix A.2. (page 3 of 13)

Stream Number	Salmon Species											
	Sockeye			Coho			Pink			Chum		
	Peak Count	Weir Count	Estimated Total Escapement	Peak Count	Weir Count	Estimated Total Escapement	Peak Count	Weir Count	Estimated Total Escapement	Peak Count	Weir Count	Estimated Total Escapement
252-324							20,000		39,477			
252-331							15,500		30,595			
252-331a												
252-331b												
252-332							38,000		75,008			
252-333												
252-335												
252-337												
252-338												
252-339												
252-342		100,131			10,542			42,738				
252-343							22,500		44,412			
252-345												
Subtotal	**7,276**	**125,601**	**14,552**	**1,049**	**26,184**	**2,517**	**226,067**	**64,727**	**399,411**	**27**	**693**	**45**
Northwest Kodiak District												
253-114												
253-115	13,000		26,000	1,500		3,600	53,000		84,000			
253-121							3,000		3,310	1,200		1,988
253-122	29,000		58,000	1,900		4,560	154,000		313,293	14,000		18,850
253-141												
253-142												
253-311												
253-313												
253-321							600		1,184			
253-331				1,800		4,320	116,000		196,633	16,000		20,900
253-332							12,000		37,733			
253-333							3,000		3,900			
254-103												

-Continued-

Appendix A.2. (page 4 of 13)

Stream Number	Salmon Species: Sockeye Peak Count	Sockeye Weir Count	Sockeye Estimated Total Escapement	Coho Peak Count	Coho Weir Count	Coho Estimated Total Escapement	Pink Peak Count	Pink Weir Count	Pink Estimated Total Escapement	Chum Peak Count	Chum Weir Count	Chum Estimated Total Escapement
254-105												
254-201							7,500		9,410			
254-202				4,500		10,800	380,000		537,350	13,000		22,233
254-203				300		720	116,000		165,880	8,000		11,183
254-204				700		1,680	11,000		25,427			
254-205							2,000		3,947			
254-206												
254-207							150		296			
254-208							500		986			
254-209												
254-210												
254-211												
254-212												
254-213							200		394			
254-301				4,100		9,840	79,000		220,820	23,000		33,907
254-302							21,000		41,451			
254-401	450		900	10,300		24,720	59,800		71,850	22,000		25,687
254-402												
254-403							233		233			
254-404												
254-405												
254-406							1,700		1,700			
259-363												
259-365												
259-366												
259-368												
259-371							33,400		90,400			
259-372												
259-373												
259-381												

-Continued-

Appendix A.2. (page 5 of 13)

Stream Number	Salmon Species											
	Sockeye			Coho			Pink			Chum		
	Peak Count	Weir Count	Estimated Total Escapement	Peak Count	Weir Count	Estimated Total Escapement	Peak Count	Weir Count	Estimated Total Escapement	Peak Count	Weir Count	Estimated Total Escapement
259-382							6,000		17,100			
259-383												
259-391												
259-392												
259-394												
259-395												
259-397												
259-398a												
259-398b												
259-399												
Subtotal	**42,450**		**84,900**	**25,100**		**60,240**	**1,060,083**		**1,827,297**	**97,200**		**134,748**
Southwest Kodiak District												
255-101		743,056			26,914			111,066			136	
256-102												
256-201		317,832			8,887			29,005			55	
256-202												
256-301												
256-302												
256-303												
256-303a												
256-401				2,600		6,240	7,000		11,893	32,000		33,583
256-402				1,000		2,400						
Subtotal		**1,060,888**		**3,600**	**35,801**	**8,640**	**7,000**	**140,071**	**11,893**	**32,000**	**191**	**33,583**
Alitak Bay District												
257-101												
257-102				20		48						

-Continued-

Appendix A.2. (page 6 of 13)

Stream Number	Salmon Species											
	Sockeye			Coho			Pink			Chum		
	Peak Count	Weir Count	Estimated Total Escapement	Peak Count	Weir Count	Estimated Total Escapement	Peak Count	Weir Count	Estimated Total Escapement	Peak Count	Weir Count	Estimated Total Escapement
257-301												
257-302		2,010			750			24,641				
257-303				1,500		3,600						
257-304		245,151			5,243			10,677			1	
257-401							7,500		14,804	225		372
257-402	1,200		2,400	1,400		3,360						
257-403		222,170			4,172			204,231			2,180	
257-404							13,000		25,660	27		45
257-405												
257-502				1,150		2,760	134,000		570,000			
257-503				50		120	32,000		65,307	400		662
257-504							9,500		18,752			
257-601				60		144	11,000		141,000	4,000		5,333
257-602							13,000		35,653			
257-603				225		540	15,000		31,630	20,000		36,853
257-604							16,000		28,000			
257-605												
257-701				650		1,560	250,000		1,930,000			
257-702							2,900		5,724			
257-702a												
257-703							4,000		7,895			
Subtotal	**1,200**	**469,331**	**2,400**	**5,055**	**10,165**	**12,132**	**507,900**	**239,549**	**2,874,425**	**24,652**	**2,181**	**43,265**
Eastside Kodiak District												
258-101												
258-201												
258-202												
258-203							100		197	50		82
258-204												

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Appendix A.2. (page 7 of 13)

Stream Number	Salmon Species											
	Sockeye			Coho			Pink			Chum		
	Peak Count	Weir Count	Estimated Total Escapement	Peak Count	Weir Count	Estimated Total Escapement	Peak Count	Weir Count	Estimated Total Escapement	Peak Count	Weir Count	Estimated Total Escapement
258-205												
258-206							30,000		38,833	200		331
258-207				400		960	13,500		47,150	1,500		2,227
258-208							5,000		5,000			
258-209												
258-210							400		789			
258-211							15,000		15,000			
258-212												
258-213												
258-301												
258-302												
258-303												
258-304												
258-305												
258-306												
258-307												
258-401	5,000		10,000									
258-511							23,000		45,399			
258-512												
258-513												
258-514												
258-521				3,370		8,088	40,000		75,077	3,500		6,450
258-522				3,300		7,920	40,000		105,400			
258-523							2,500		2,500			
258-531							8,000		12,310			
258-532							3,000		4,687			
258-533							1,000		1,553			
258-541				3,000		7,200	24,000		76,937			
258-541a												
258-542							38,000		80,000			

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Appendix A.2. (page 8 of 13)

Stream Number	Salmon Species											
	Sockeye			Coho			Pink			Chum		
	Peak Count	Weir Count	Estimated Total Escapement	Peak Count	Weir Count	Estimated Total Escapement	Peak Count	Weir Count	Estimated Total Escapement	Peak Count	Weir Count	Estimated Total Escapement
258-543				500		1,200	4,000		4,829			
258-544							3,000		7,180			
258-551							4,500		8,882	2,600		4,308
258-554												
258-555												
258-601												
258-602							32,000		63,164			
258-603				2,300		5,520	500		986			
258-701				175		420	375,000		914,233			
258-702							60,000		118,433			
258-703												
258-704												
258-705							10,000		10,000			
258-706												
258-707												
258-801												
258-803												
258-804												
258-805												
258-807												
258-808							2,000		3,947	1,500		2,485
258-809							5,200		10,264	2,000		3,314
258-810												
258-811							10,500		20,725			
258-851							400		789	1,800		2,982
258-852												
258-901				400		960	8,500		16,778			
258-902							16,800		33,161			
258-903							100		197			
258-904												

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	Salmon Species											
	Sockeye			Coho			Pink			Chum		
Stream Number	Peak Count	Weir Count	Estimated Total Escapement	Peak Count	Weir Count	Estimated Total Escapement	Peak Count	Weir Count	Estimated Total Escapement	Peak Count	Weir Count	Estimated Total Escapement
258-905							16,400		32,371			
259-401												
259-403												
259-411	12,500		25,000				4,600		9,079			
259-412	2,000		4,000	2,500		6,000	22,100		136,087			
259-414							21,500		25,000			
259-415		43,859		5,000		12,000		58,794			103	
259-416				5		12	1,000		1,973	100		165
259-417												
259-417a												
259-418												
259-418A												
259-418B												
259-419												
259-420												
259-421												
259-422												
259-423										1,000		1,657
259-424							10,000		25,500	1,000		1,367
259-425												
259-426										9,000		14,914
259-427												
259-428												
Subtotal	**19,500**	**43,859**	**39,000**	**20,950**	**4**	**50,280**	**851,600**	**58,794**	**1,954,410**	**24,250**	**103**	**40,282**
Northeast Kodiak District												
259-101							2,000		3,947			
259-102							20,000		39,477			
259-105												

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Appendix A.2. (page 10 of 13)

Stream Number	Salmon Species											
	Sockeye			Coho			Pink			Chum		
	Peak Count	Weir Count	Estimated Total Escapement	Peak Count	Weir Count	Estimated Total Escapement	Peak Count	Weir Count	Estimated Total Escapement	Peak Count	Weir Count	Estimated Total Escapement
259-211		15,520			8,694			72,826			43	
259-221							8,000		10,233			
259-222							10,000		12,887			
259-223							4,500		5,780			
259-231				4,000		9,600	102,000		188,767	8,000		15,883
259-233												
259-235												
259-242				6,000		14,400	65,000		175,813	1,500		2,485
259-243												
259-244												
259-245							13,000		25,660			
259-246												
259-251				322		772	14,000		35,227			
259-252							9,500		18,752			
259-253							7,000		13,817			
259-254							25,000		36,220			
259-363	110		220				6,500		12,830			
259-365							134,000		264,502	8,000		13,256
259-372							2,800		5,526			
259-381							1,000		1,000			
259-382										600		994
259-383							3,000		3,000			
259-397							2,400		4,737			
Subtotal	**110**	**15,520**	**220**	**10,322**	**8,694**	**24,772**	**429,700**	**72,826**	**858,175**	**18,100**	**43**	**32,618**
Mainland District												
262-101							3,500		6,908	500		828
262-102										2,800		4,639
262-103							100		197			

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Appendix A.2. (page 11 of 13)

Stream Number	Salmon Species: Sockeye Peak Count	Sockeye Weir Count	Sockeye Estimated Total Escapement	Coho Peak Count	Coho Weir Count	Coho Estimated Total Escapement	Pink Peak Count	Pink Weir Count	Pink Estimated Total Escapement	Chum Peak Count	Chum Weir Count	Chum Estimated Total Escapement
262-104												
262-105												
262-106							75		148			
262-107												
262-108	25		50									
262-109							2,600		5,132			
262-110	800		1,600				150		296			
262-111												
262-113							50		98			
262-151	22,500		45,000	15,000		36,000						
262-152				6,000		14,400	55,000		87,833	20,000		56,167
262-153										20,000		34,547
262-154										1,000		1,657
262-155												
262-201										500		828
262-202												
262-203				1,500		3,600				12,000		22,200
262-204												
262-205							5,500		10,856			
262-206												
262-207										3,500		5,799
262-254												
262-271							4,000		7,200	20,000		32,347
262-272												
262-273												
262-301	25,000		50,000									
262-351	250		500				10,000		19,738			
262-352												
262-401							100		100			
262-402							31,000		31,000			

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Appendix A.2. (page 12 of 13)

Stream Number	Salmon Species											
	Sockeye			Coho			Pink			Chum		
	Peak Count	Weir Count	Estimated Total Escapement	Peak Count	Weir Count	Estimated Total Escapement	Peak Count	Weir Count	Estimated Total Escapement	Peak Count	Weir Count	Estimated Total Escapement
262-451							61,000		112,667	50		82
262-501							8,000		8,533			
262-502							2,500		4,934			
262-503												
262-504												
262-505												
262-551							9,000		12,000			
262-552												
262-601												
262-602												
262-603												
262-604							40,000		48,267	500		828
262-605												
262-606												
262-651							63,000		95,100	200		331
262-652												
262-653							33,000		65,138			
262-654							8,000		15,791	4,000		6,628
262-655	200		400									
262-656												
262-701												
262-702							1,200		2,368	200		331
262-703							4,000		4,000			
262-704												
262-705							4,500		4,500			
262-706												
262-751							4,100		8,092			
262-752												
262-753												
262-801							1,200		1,200	150		248

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Appendix A.2. (page 13 of 13)

	Salmon Species															
	Sockeye				Coho				Pink				Chum			
Stream Number	Peak Count	Weir Count	Estimated Total Escapement		Peak Count	Weir Count	Estimated Total Escapement		Peak Count	Weir Count	Estimated Total Escapement		Peak Count	Weir Count	Estimated Total Escapement	
262-802									1,500		2,960		1,200		1,988	
262-803																
262-804																
262-850																
262-851									85,000		216,733		21,000		50,467	
262-852									45,000		95,000		750		1,242	
262-853									16,000		23,620		6,000		8,953	
262-854									15,500		22,963		50		82	
262-856									2,000		3,947					
262-858																
262-859									5,000		9,869		13,500		22,371	
262-860																
262-861																
262-862																
262-863																
262-864																
262-865																
262-866																
262-868																
262-951									7,000		13,817		3,000		4,971	
262-952									5,500		10,856					
Subtotal	**48,775**		**97,550**		**22,500**	**0**	**54,000**		**534,075**	**0**	**951,861**		**130,900**	**0**	**257,534**	
Totals	**119,311**	**1,715,199**	**238,622**	**0**	**88,576**	**80,848**	**212,581**	**0**	**3,616,425**	**575,967**	**8,877,472**	**0**	**327,129**	**3,211**	**542,075**	

Appendix A.3. Pink salmon peak and estimated total escapement counts for systems that were assessed via aerial and foot surveys within the Kodiak Management Area, 1995.

Stream Number	Pink Salmon			
	Number of Surveys	Peak Count	Estimated Total Esc.	ETE/PC
251-406	8	7,036	12,340	1.75
251-822	6	20,690	47,366	2.29
251-825	14	16,000	31,892	1.99
252-331	5	15,500	25,000	1.61
253-115	6	53,000	78,013	1.47
253-121	4	3,000	3,310	1.10
253-122	14	154,000	313,293	2.03
253-331	9	116,000	196,633	1.70
253-332	4	12,000	37,733	3.14
253-333	3	3,000	3,900	1.30
254-201	5	7,500	9,410	1.25
254-202	8	380,000	537,350	1.41
254-203	8	116,000	165,880	1.43
254-204	3	11,000	25,427	2.31
254-301	8	79,000	220,820	2.80
254-401	8	59,800	71,850	1.20
256-401	7	7,000	11,893	1.70
257-502	8	134,000	235,210	1.76
257-503	7	32,000	65,307	2.04
257-601	4	11,000	51,633	4.69
257-602	3	13,000	35,653	2.74
257-603	5	15,000	31,630	2.11
257-604	5	16,000	11,540	0.72
257-701	7	250,000	1,930,000	7.72
258-206	3	30,000	38,833	1.29
258-207	7	13,500	47,150	3.49
258-521	8	40,000	75,077	1.88
258-522	11	40,000	105,400	2.64
258-531	4	8,000	12,310	1.54
258-532	4	3,000	4,687	1.56
258-533	3	1,000	1,553	1.55
258-541	7	24,000	76,937	3.21
258-542	5	38,000	51,000	1.34
258-543	4	4,000	4,829	1.21
258-544	3	3,000	7,180	2.39
258-602	5	13,000	10,733	0.83
258-701	6	375,000	914,233	2.44
259-221	5	8,000	10,233	1.28
259-222	5	10,000	12,887	1.29
259-223	5	4,500	5,780	1.28
259-231	7	102,000	188,767	1.85

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Stream Number	Pink Salmon Number of Surveys	Peak Count	Estimated Total Esc.	ETE/PC
259-242	7	65,000	175,813	2.70
259-251	5	14,000	35,227	2.52
259-254	3	25,000	36,220	1.45
259-371	3	33,400	66,267	1.98
259-382	5	6,000	17,100	2.85
259-412	3	22,100	136,087	6.16
259-414	5	21,500	15,067	0.70
259-424	3	10,000	10,830	1.08
262-152	4	55,000	87,833	1.60
262-271	3	4,000	7,200	1.80
262-451	3	61,000	112,667	1.85
262-501	4	8,000	8,533	1.07
262-551	5	9,000	49,133	5.46
262-604	5	40,000	48,267	1.21
262-651	5	63,000	95,100	1.51
262-851	3	85,000	216,733	2.55
262-852	5	45,000	68,300	1.52
262-853	5	16,000	23,620	1.48
262-854	5	15,500	22,963	1.48
Total		**2,847,026**	**6,953,632**	**1.97**

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