

**Fishery Management Report No. 09-36**

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**North Alaska Peninsula Commercial Salmon Annual  
Management Report, 2008**

by

**Robert L. Murphy**

and

**Trent G. Hartill**

August 2009

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Alaska Department of Fish and Game

Divisions of Sport Fish and Commercial Fisheries



## Symbols and Abbreviations

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

<b>Weights and measures (metric)</b>		<b>General</b>		<b>Measures (fisheries)</b>	
centimeter	cm	Alaska Administrative Code	AAC	fork length	FL
deciliter	dL	all commonly accepted abbreviations	e.g., Mr., Mrs., AM, PM, etc.	mid-eye to fork	MEF
gram	g	all commonly accepted professional titles	e.g., Dr., Ph.D., R.N., etc.	mid-eye to tail fork	METF
hectare	ha	at	@	standard length	SL
kilogram	kg	compass directions:		total length	TL
kilometer	km	east	E		
liter	L	north	N	<b>Mathematics, statistics</b>	
meter	m	south	S	<i>all standard mathematical signs, symbols and abbreviations</i>	
milliliter	mL	west	W	alternate hypothesis	H <sub>A</sub>
millimeter	mm	copyright	©	base of natural logarithm	<i>e</i>
		corporate suffixes:		catch per unit effort	CPUE
<b>Weights and measures (English)</b>		Company	Co.	coefficient of variation	CV
cubic feet per second	ft <sup>3</sup> /s	Corporation	Corp.	common test statistics	(F, t, $\chi^2$ , etc.)
foot	ft	Incorporated	Inc.	confidence interval	CI
gallon	gal	Limited	Ltd.	correlation coefficient (multiple)	R
inch	in	District of Columbia	D.C.	correlation coefficient (simple)	r
mile	mi	et alii (and others)	et al.	covariance	cov
nautical mile	nmi	et cetera (and so forth)	etc.	degree (angular)	°
ounce	oz	exempli gratia (for example)	e.g.	degrees of freedom	df
pound	lb	Federal Information Code	FIC	expected value	<i>E</i>
quart	qt	id est (that is)	i.e.	greater than	>
yard	yd	latitude or longitude	lat. or long.	greater than or equal to	≥
		monetary symbols (U.S.)	\$, ¢	harvest per unit effort	HPUE
<b>Time and temperature</b>		months (tables and figures): first three letters	Jan, ..., Dec	less than	<
day	d	registered trademark	®	less than or equal to	≤
degrees Celsius	°C	trademark	™	logarithm (natural)	ln
degrees Fahrenheit	°F	United States (adjective)	U.S.	logarithm (base 10)	log
degrees kelvin	K	United States of America (noun)	USA	logarithm (specify base)	log <sub>2</sub> , etc.
hour	h	U.S.C.	United States Code	minute (angular)	'
minute	min	U.S. state	use two-letter abbreviations (e.g., AK, WA)	not significant	NS
second	s			null hypothesis	H <sub>0</sub>
<b>Physics and chemistry</b>				percent	%
all atomic symbols				probability	P
alternating current	AC			probability of a type I error (rejection of the null hypothesis when true)	$\alpha$
ampere	A			probability of a type II error (acceptance of the null hypothesis when false)	$\beta$
calorie	cal			second (angular)	"
direct current	DC			standard deviation	SD
hertz	Hz			standard error	SE
horsepower	hp			variance	
hydrogen ion activity (negative log of)	pH			population	Var
parts per million	ppm			sample	var
parts per thousand	ppt, ‰				
volts	V				
watts	W				

***FISHERY MANAGEMENT REPORT NO. 09-36***

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by

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## ABSTRACT

This report summarizes the 2008 season and historical data concerning management of the commercial salmon fisheries of the Northwestern and Northern Districts of the North Alaska Peninsula Management Area (Area M). Most commercial salmon fishery effort on the North Alaska Peninsula targeted sockeye salmon *Oncorhynchus nerka* runs. Due to low escapement of sockeye salmon early in the season much of the Northern District experienced extensive closures. The closures did not appear to impact commercial sockeye salmon harvest as the 2008 total harvest was the fifth highest of the previous ten years. In addition, escapement in all major North Alaska Peninsula sockeye salmon producing systems, except Sandy River, met or exceeded their escapement goal ranges. Total sockeye salmon escapement for North Alaska Peninsula streams was 1,013,170 fish, only 7% below the most recent ten-year average.

The 2008 commercial salmon harvest on the North Alaska Peninsula included 1,799 Chinook *O. tshawytscha*, 2,003,906 sockeye, 125,237 coho *O. kisutch*, 21,136 pink *O. gorbuscha*, and 177,364 chum *O. keta* salmon. The projected harvest was 7,000 Chinook, 2,800,000 sockeye, 70,000 coho, 50,000 pink, and 150,000 chum salmon. Chinook salmon commercial harvest was the lowest reported harvest since 1972, with the majority occurring incidental to the sockeye salmon fishery in the Nelson Lagoon Section. The sockeye salmon harvest in the Northern District of 1,952,460 was above the previous ten-year average harvest of 1,935,515, while the sockeye salmon harvest in the Northwestern District of 51,446 was below the ten-year average harvest of 85,892. For an even-numbered year, the pink salmon harvest of 21,136 was below the ten-year average of 34,136, with most harvest occurring in the Bechevin Bay Section. The chum salmon harvest of 177,364 was above the ten-year average of 84,787 and was split about evenly between the Northwestern and Northern districts.

Key words: North Alaska Peninsula, Area M, Northern District, Northwestern District, commercial fisheries, annual management report, AMR, salmon harvest, salmon escapement, SEG, BEG, Chinook salmon, *Oncorhynchus tshawytscha*, sockeye salmon, *Oncorhynchus nerka*, coho salmon, *Oncorhynchus kisutch*, pink salmon, *Oncorhynchus gorbuscha*, chum salmon, *Oncorhynchus keta*.

## INTRODUCTION

This report summarizes the 2008 season and historical data concerning the commercial salmon fisheries and escapements that occurred on the North Alaska Peninsula. The purpose of this report is to document catch and escapement data and provide commercial salmon fishermen and buyers a context with which to compare the 2008 North Alaska Peninsula commercial salmon catch and escapement with historical information.

### NORTH ALASKA PENINSULA

#### Geography

The North Alaska Peninsula portion of the Alaska Peninsula Management Area (Area M) includes those waters of the Alaska Peninsula from Cape Sarichef northeast to Cape Menshikof (Figure 1). The North Alaska Peninsula contains two districts; the Northwestern District, which includes all waters between Cape Sarichef and Moffet Point, and the Northern District, which includes all waters between Moffet Point and Cape Menshikof (Figure 1). The Nelson Lagoon to Outer Port Heiden region, which encompasses most of the Northern District, is the primary sockeye salmon *Oncorhynchus nerka* harvest area on the North Alaska Peninsula (Figure 2). The Nelson Lagoon to Outer Port Heiden region includes Nelson Lagoon, Herendeen-Moller Bay, Port Moller Bight, Bear River, Three Hills, Ilnik, and the Outer Port Heiden sections. Smaller directed commercial salmon fisheries occur in other areas of the North Alaska Peninsula.

#### Gear

Purse seine, hand purse seine, drift gillnet, and set gillnet are legal gear types in the Northwestern District (5 AAC 09.330(b)). In the Northern District, commercial salmon fishing is

permitted with purse seine, drift gillnet, and set gillnet gear; however, within-section gear restrictions exist. For example, the Nelson Lagoon Section is open to drift and set gillnet gear only. In the Northern and Northwestern districts, drift gillnet is by far the most widely used gear. The number of purse seine deliveries in the Northern District has declined to zero with the most recent delivery occurring in 2001 (Shaul and Dinnocenzo 2002).

## **Regulatory Season**

The commercial salmon season opens in most of the Northwestern District on June 1 and in most of the Northern District on May 1 (Figure 2; 5 AAC 09.310). In February 2007, the Alaska Board of Fisheries (BOF) adopted new regulations for commercial salmon fishing in the Ilnik and Outer Port Heiden sections (5 AAC 09.369 (j)(1)). Fishing is allowed beginning June 20 in that portion of the Ilnik Section southwest of Unangashak Bluffs if the sockeye salmon escapement meets or exceeds interim escapement objectives in the Ilnik River (Figure 2). In the portion of the Ilnik Section from Unangashak Bluffs to Strogonof Point, fishing is permitted beginning June 20 if escapement in the Meshik and Ilnik rivers meets or exceeds interim escapement objectives. The Outer Port Heiden Section may open to commercial salmon fishing beginning on June 20 if sockeye salmon escapements in the Meshik River are sufficient. Management action may also be taken in the Ilnik and Outer Port Heiden sections for conservation of Ugashik River sockeye salmon if that portion of the Egegik District specified in 5 AAC 06.359 (c) is closed in the Bristol Bay Management Area.

## **Inseason Management**

While the earliest opening dates are established by regulation and modified by emergency orders, actual fishing time in North Alaska Peninsula fisheries is based on inseason evaluation of local stock abundance and escapement objectives. Sockeye salmon are the primary species targeted for harvest in these waters and the Nelson and Bear rivers are the largest sockeye salmon producing systems. Between June 1 and September 15, within the Nelson Lagoon to Port Heiden region, management emphasis is on five sockeye systems: Nelson, Bear, Sandy, Ilnik, and Meshik rivers (Murphy and Tschersich 2008a). The Alaska Department of Fish and Game (ADF&G) operates weir camps on the Nelson, Bear, Sandy, and Ilnik Rivers that provide daily escapement counts used to manage commercial fisheries. Aerial surveys are used to enumerate salmon in other systems that do not have weirs.

## **Escapement Goals**

Weir counts and aerial surveys are used to estimate escapement. For rivers and river systems with established escapement goals there are two types of goals used to characterize the run. As described in Honnold et al. (2007), a biological escapement goal (BEG) is used when the following conditions are met: 1) a sufficient time series of escapement and total return estimates are available, 2) contrast in the escapement data is sufficiently large, and 3) the estimates were sufficiently accurate and precise. Using these criteria a system assigned a BEG is managed on the basis that the escapement provides the greatest potential for maximum sustained yield. A sustainable escapement goal (SEG) on the other hand is used when total return estimates are not available because harvest and/or age were not consistently measured. Methods used to develop SEG's include the percentile approach, cluster analysis of count data, risk analyses, and limnological models (Honnold et al. 2007). As defined by the Sustainable Salmon Fisheries Policy (SSFP; 5 AAC 39.222), a SEG is a level of escapement indicated by an index or escapement estimate that is known to provide for sustained yield over a 5 to 10 year period, and

is used in situations where a BEG cannot be estimated due to the absence of a stock specific catch estimate.

The commercial salmon fisheries on the North Alaska Peninsula are managed using these escapement goals. For systems with escapement goals, an escapement range is arrived at using the aforementioned methods. The escapement of each system with an established goal determines how the fishery is managed. In general, fisheries are liberalized in areas where escapement counts appear to be on track to achieve the escapement goal and restricted where it appears a goal may not be met.

### **Run Timing**

The timing of sockeye salmon returning to North Alaska Peninsula streams varies by system and stock. Local sockeye salmon stocks are present in the Nelson Lagoon to the Outer Port Heiden region from June through September. The Nelson River sockeye salmon run begins in early June, peaks in early July, and is over by mid-August (Duesterloh 2005). Bear River supports two genetically distinct runs: an early run that begins in early June, peaks in early July, and ends in late July; and a late run that starts in late July, peaks in mid-August, and ends in September (Ramstad 1998). The Sandy, Ilnik, and Meshik rivers run timing closely parallels the Bear River early run (beginning in early June and ending in late July).

### **ALASKA PENINSULA AND BRISTOL BAY SALMON OVERLAP AREA**

The Area M and Bristol Bay (Area T) overlap area consists of the Cinder River Section, Inner Port Heiden Section, and Ilnik Lagoon (Figure 3; 5 AAC 39.120(d)). The overlap area was created shortly after statehood to allow Area T permit holders the opportunity to fish within their traditional harvest locations of Area M. Historically, when not participating in the Bristol Bay sockeye salmon fisheries, Port Heiden Area T permit holders fished for Chinook *O. tshawytscha* and coho *O. kisutch* salmon in the Inner Port Heiden Section, and Pilot Point Area T permit holders fished inside the Cinder River Section for Chinook and coho salmon along with occasional small numbers of sockeye salmon.

Since 1985, most of the effort in the Cinder River Section has been from Area T permit holders. Except during July, Area T permit holders are allowed to fish during the open season in the Inner Port Heiden and Cinder River sections. Area T permit holders are also allowed to fish in Ilnik Lagoon during August and September. In 1986, Area T fishermen started fishing in the Ilnik and Outer Port Heiden sections. In 1990, the BOF excluded Area T permit holders from the Ilnik Section (except inside Ilnik Lagoon during August and September) and closed the Outer Port Heiden Section in August and September to all commercial salmon fishing by both Area M and Area T permit holders because of concern over potential interception of coho salmon bound for Inner Port Heiden (Meshik River). Since 2001, effort by both Area M and Area T permit holders in the overlap area has been minimal.

### **HARVEST BY SPECIES**

In 2008, the North Alaska Peninsula harvests of coho and chum salmon were above the most recent ten-year averages (1998-2007) and pre-season harvest projections, while Chinook, sockeye, and pink salmon were below the previous ten-year (1998-2007) averages and pre-season projections (Table 1).

The 2008 North Alaska Peninsula salmon harvest were as follows: the Chinook salmon harvest was 1,799 fish (7,000 projected), the sockeye salmon harvest was 2,003,906 fish (2,800,000 projected), the coho salmon harvest was 125,237 fish (70,000 projected), the pink salmon harvest was 21,136 fish (50,000 projected), and the chum salmon harvest was 177,364 fish (150,000 projected).

## **CHINOOK SALMON**

The 2008 North Alaska Peninsula commercial Chinook salmon harvest of 1,799 fish was below the recent ten-year (1998-2007) average of 6,237 fish (Table 1). This was the lowest harvest since at least 1962 (harvest estimates prior to 1962 are not available; Table 1). However, the Chinook salmon escapement of 36,072 was well above the previous ten-year average of 19,313 (Table 1). The highest weekly harvest on the North Alaska Peninsula occurred between June 28 and July 4 when 683 Chinook salmon were caught (Table 2). The harvest during that period was incidental to the sockeye fishery. It is possible extensive early season closures could have contributed to the low Chinook salmon harvest.

The Nelson Lagoon Section harvest of 881 Chinook salmon was well below the 10-year average of 2,088 salmon, however the Nelson Lagoon Section harvest accounted for nearly 50% of the Northern District harvest (Table 3). The Three Hills and Ilnik sections combined harvest of 701 Chinook salmon made up about 40% of the North Peninsula harvest, and was well below the 10-year average of 1,534 (Table 3). The Outer Port Heiden Section, which reopened in 2007 for the first time since 1989, had a harvest of 168 Chinook salmon (Table 3). There was no effort to target Chinook salmon in the Inner Port Heiden Section in 2008. Depending on market conditions, there is occasionally a directed fishery for Chinook salmon in the Inner Port Heiden Section.

## **SOCKEYE SALMON**

The 2008 North Alaska Peninsula sockeye salmon harvest of 2,003,906 fish was below the 1998-2007 average harvest of 2,021,408 fish and the 1988-2007 average harvest of 2,291,383 fish (Table 1; Figure 4). The 2008 harvest was about 28% below the preseason projected harvest of 2,800,000 sockeye salmon (Table 1; Eggers 2007). Most of the 2008 North Alaska Peninsula sockeye salmon harvest occurred in the Northern District in the Nelson Lagoon to Port Heiden reach which includes the Nelson Lagoon, Bear River, Three Hills, Ilnik, and Outer Port Heiden sections.

In 2008, in the combined Port Moller Bight, Bear River, Three Hills, and Ilnik sections, about 62% of the sockeye salmon harvest came from the Ilnik Section, 29% from the combined Bear River and Port Moller Bight sections and about 9% from the Three Hills Section (Figure 5). The proportion of harvest between those sections in 2008 is comparable to the most recent ten-year average where about 51% of the harvest has come from the Ilnik Section, about 36% in the Bear River and Port Moller Bight sections, and about 13% in the Three Hills Section (Figures 2 and 5).

In the combined Three Hills and Ilnik sections, 1,008,978 sockeye salmon were harvested during 2008 (Table 2), of which 123,344 fish were harvested in the Three Hills Section and 885,634 fish were taken in the Ilnik Section (Table 4; Figure 5). The total Ilnik Section harvest was above the most recent 10-year average of 803,040, while the Three Hills harvest was below the most recent ten-year average of 201,232. The Ilnik Section had the highest harvest of sockeye salmon of any section on the North Alaska Peninsula. The largest weekly harvest in the combined Three Hills and

Ilnik sections occurred between June 28 and July 4 when 445,611 sockeye salmon were harvested (Table 2; Figure 6).

In the Port Moller Bight, Bear River, Three Hills, and Ilnik sections, the total catch was 1,422,352 sockeye salmon (Table 2). The largest weekly harvest of 445,611 sockeye salmon occurred during the period June 28 to July 4 (Table 2). The largest daily harvest of 167,198 sockeye salmon occurred July 4 (Table 5).

## **COHO SALMON**

The 2008 North Alaska Peninsula coho salmon harvest of 125,237 fish was above the 1998-2007 average harvest of 64,190 fish (Tables 1 and 6). The 2008 harvest was the highest since 1998. In 2008, about 43% of the total coho salmon harvest occurred in the Nelson Lagoon Section, about 27% from the Bear River Section, about 20% from Ilnik Section, and about 10% from the remainder of the North Peninsula.

## **PINK SALMON**

The 2008 North Alaska Peninsula pink salmon harvest of 21,136 fish was below the 1998-2007 even-year average harvest of 34,136 fish (Table 1). The pink salmon harvest in the Northwestern District in 2008 was 16,541 salmon, well below the 1998-2007 even-year average harvest of 21,250 fish (Table 7). In the Northern District, pink salmon are usually caught incidental to sockeye salmon and only 4,595 pink salmon were harvested in 2008 (Table 2).

## **CHUM SALMON**

The 2008 North Alaska Peninsula chum salmon harvest of 177,364 fish was over twice the 1998-2007 average harvest of 84,787 fish (Table 1). In the Northern District, the chum salmon harvest of 73,224 fish was well above the 1998-2007 average of 45,020 fish (Table 8). The remaining 104,140 chum salmon were harvested in the Northwestern District (Table 9). In the Herendeen-Moller Bay and Port Moller Bight sections, 40,722 chum salmon were harvested compared to the recent 10-year average of 1,917 fish (Table 8).

# **ESCAPEMENT BY SPECIES**

## **CHINOOK SALMON**

The 2008 North Alaska Peninsula estimated total Chinook salmon escapement was 36,072 fish, which was above the 1998-2007 average of 19,313 fish (Table 1). In 2008 the Nelson River exceeded its escapement goal range of 2,400-4,400 Chinook salmon (Honnold et al. 2007) with an estimated escapement of 5,012 Chinook salmon (Appendix A1). Of the total estimated escapement, 4,612 were counted at the Nelson River weir and 400 were observed during a post weir aerial survey (Table 10; Appendix A2). Nelson River is the only river on the North Alaska Peninsula with a Chinook salmon escapement goal. The combined King Salmon, Bear, and Sandy rivers (Bear River Section) estimated Chinook salmon escapement was 2,145 fish, which was less than the 1998-2007 average of 3,068 fish (Table 3). The Bear and Sandy river weir counts (Tables 11 and 12) do not accurately reflect the total escapement of Chinook salmon because most of the fish spawn below the weir sites or in other downstream tributaries. A total of 15 Chinook salmon passed the Ilnik River weir in 2008 (Table 13). In the Inner Port Heiden Section (the Meshik River and its tributaries), 11,200 Chinook salmon were estimated while

12,800 Chinook salmon were estimated in the Cinder River during 2008 (Table 3; Appendix A1).

## **SOCKEYE SALMON**

The 2008 North Alaska Peninsula estimated total sockeye salmon escapement of 1,013,170 fish, which included weir and aerial survey counts, was below the 1998-2007 average estimated escapement of 1,093,775 fish (Table 1; Figure 7). The combined North Alaska Peninsula escapement goal range is 531,400-1,023,800 sockeye salmon for systems with established goals (Honnold et al. 2007). These systems and escapement goals include: 25,000-50,000 sockeye salmon in Christianson Lagoon (SEG), 6,000-16,000 fish in Swanson Lagoon (SEG), 4,400-8,800 fish in North Creek (SEG), 97,000-219,000 (Table 14; BEG) fish in Nelson River, 293,000-488,000 fish in Bear River (Table 14; SEG; combined early and late runs), 34,000-74,000 fish in Sandy River (Table 14; SEG), 40,000-60,000 fish in Ilnik River (Table 14; SEG), 20,000-60,000 fish in Meshik River (SEG), and 12,000-48,000 fish in Cinder River (SEG; Honnold et al. 2007).

The 2008 sockeye salmon escapements in select systems (including post-weir estimates in systems with weirs) were; 114,000 fish in Christianson Lagoon, 5,500 fish in Swanson Lagoon, 28,400 fish in Joshua Green River, 38,000 fish in North Creek, 178,600 fish in the Nelson River drainage, 321,000 fish in Bear River, 32,200 fish in Sandy River, 28,300 fish in Ilnik River, 16,000 fish in Ocean River, 12,500 fish in the mainstem Meshik River, 33,000 fish in Mud Creek, and 33,000 fish in Cinder River (Appendix A1).

### **Nelson River**

From the total run, 183,330 sockeye salmon were harvested in Nelson Lagoon (Table 4) and 178,600 sockeye escaped, of which 141,600 fish returned to the Nelson River, 12,000 to the David's River, and 25,000 to the Caribou River (Appendix A1). The Nelson River weir sockeye salmon escapement of 141,600 fish met the goal of 97,000-219,000 sockeye salmon, but was below the most recent 10-year average of 258,383 fish (Table 14 and 15; Honnold et al. 2007). The peak daily escapement at the Nelson River weir occurred on July 7 (13,044 fish; Table 15). When the weir was removed on July 28, it was estimated that slightly over 50,000 female sockeye salmon had passed the weir, meeting the desired management escapement objective of 50,000-110,000 female fish (Murphy and Tschersich 2008a).

### **Bear River**

The Bear River early-run (through July 31) sockeye salmon escapement of 125,526 fish was below the escapement goal of 176,000 fish, while the late-run (after July 31) escapement of 195,474 fish exceeded the minimum escapement goal of 117,000 fish (SEG; Table 16 and 17). The combined early and late-run Bear River sockeye salmon escapement of 321,000 sockeye salmon was within the combined escapement goal range of 293,000-488,000 fish. The Bear Lake early and late-run sockeye salmon have separate escapement goals as each are recognized as genetically distinct components of the run (Ramstad 1998). The largest daily escapement at the weir in 2008 occurred on August 15 when 25,047 sockeye salmon were counted (Table 17). In 2008, there were 7 days when weir counts exceeded 10,000 sockeye salmon, and two days when counts exceeded 20,000 sockeye salmon. The bulk of the early run of sockeye salmon escapement to Bear River arrived in mid-July, which is later than the normal peak in late June to early July. The 2008 season was unusual in the fact that large scale closures were instituted for

weeks, with no directed harvest, and the escapement goal for the early-run at Bear River was still not met. Aerial surveys of Bear River beginning in late July showed fish holding 4-5 miles below the weir (above the Mad Sow River confluence). These fish (30,000), observed during several surveys over the next few weeks, were not moving upriver. They eventually passed through the weir in August and were counted toward the August (late run) escapement objectives. It is likely that the 30,000 fish holding below the weir were part of the early run escapement even though they did not pass the weir. While this would not have changed any commercial fishery management actions, it would have made the escapement for the early run 30,000 fish closer to the early run objective of 176,000 sockeye salmon. The peak daily escapement at the Bear River weir occurred on August 15 when 24,610 fish counted (Table 17).

### **Sandy River**

The total 2008 Sandy River sockeye salmon escapement of 32,182 fish (including a post-weir estimate of 2,600 fish) was just below the escapement goal range of 34,000-74,000 fish (Table 18; Honnold et al. 2007). The largest daily escapement at the Sandy River weir occurred on June 29 when 4,757 sockeye salmon were counted (Table 18). Even with the Bear River Section closure, the sockeye salmon escapement into the Sandy River was weak throughout June and July.

### **Ilnik River**

The Ocean River, normally a tributary of the Ilnik River which flows through the Ilnik River weir in most years, emptied directly into the Bering Sea in 2005 through 2008. The last time this occurred prior to 2005, was 1987. To account for Ocean River-bound sockeye salmon that bypassed the weir in 2008, the Ilnik River escapement goal (40,000-60,000; SEG) was decreased by 20% to 32,000-48,000 sockeye salmon. The remaining 8,000-12,000 (or 20%) is the historical proportion of the Ocean River component of the Ilnik system. Since Ocean River fish were no longer enumerated at the Ilnik River weir, aerial surveys were flown on Ocean River to determine if the management objective of 8,000-12,000 sockeye salmon was met. The final escapement estimate for Ocean River was 16,000 sockeye salmon, exceeding the management objective of 8,000-12,000 (Appendix A1). The Ilnik River sockeye salmon escapement of 28,300 fish (including a 1,304 fish post-weir estimate; Table 19) did not meet the escapement goal of 32,000-48,000 (which includes the Ocean River escapement goal deduction of 8,000-12,000 fish). However, when the Ilnik River weir count and the Ocean River aerial survey estimate are combined, the total Ilnik River drainage escapement of 44,300 sockeye salmon was within the escapement goal range of 40,000-60,000 fish for the Ilnik River system. The peak daily escapement at Ilnik River occurred on June 27 (2,717 fish; Table 19).

### **Port Heiden**

In 2008, the sockeye salmon escapement for Inner Port Heiden (including the Meshik River and Red Bluff Creek and tributaries) was 86,250 fish, below the most recent 10-year average of 102,081 (Table 4). The Meshik River itself had an estimated escapement of 61,250 sockeye salmon, slightly above the escapement goal range of 20,000-60,000 fish (Appendix A1; Honnold et al. 2007). During a survey on July 3, 25,000 sockeye salmon were documented in the main stem of the Meshik River and a survey on August 4 documented 17,500 sockeye salmon (Appendix A2). Of the 17,500 sockeye salmon, 500 were carcasses in the river, 12,000 were live in the river, and 5,000 were live in the lake. We believe the 5,000 sockeye observed in the lake had previously been counted on the July 3 survey and therefore are only counted towards the

total estimated escapement once. Later surveys counted sockeye salmon on their spawning beds in the tributary streams feeding into the main stem of the Meshik River.

## **COHO SALMON**

The overall North Alaska Peninsula coho salmon run in 2008 was considered above average. Most harvest effort targeting coho salmon was in the Nelson Lagoon Section, however, Bear River and Ilnik sections both had above average harvest. The Nelson River is the only river on the North Alaska Peninsula that has a coho salmon lower bound SEG (18,000 fish; Honnold et al. 2007). This goal was met in 2008 with a peak escapement estimate of 24,000 fish (Appendix A1). The North Alaska Peninsula coho salmon escapements were of above average strength in major coho salmon systems. Estimated escapements in major streams surveyed include North Creek (22,000 fish escapement), Ilnik Lagoon (22,000 fish), Meshik River (27,000 fish), and the Cinder River (22,500 fish; Appendix A1). In all, approximately 178,925 coho salmon were documented in 27 North Alaska Peninsula streams during 2008. However, it should be noted that because of limited budgets and fall weather conditions, intensive aerial surveys were not flown for coho salmon during 2008. Many streams were not surveyed, and most that were surveyed were prior to the peak of the coho salmon run.

## **PINK SALMON**

Even-numbered year pink salmon *O. gorbuscha* escapements are typically considerably larger than odd-numbered year escapements. The 2008 North Alaska Peninsula estimated total pink salmon escapement of 49,400 fish was noticeably weak for an even-numbered year (Table 1). The North Alaska Peninsula pink salmon escapement goal is based solely on the escapement in the Bechevin Bay Section within the Northwestern District. The estimated escapement of 11,900 pink salmon into Bechevin Bay was well below the even-numbered year lower bound SEG of 31,000 fish (Appendix A1; Honnold et al. 2007). Total pink salmon escapement for the Northwestern District was 11,900 fish, less than half the most recent even-numbered year average escapement of 78,303 pink salmon (Table 7). For even-numbered years from 1998 through 2006, the entire North Alaska Peninsula escapement averaged 154,052 pink salmon, and escapements ranged from 24,900 fish in 2002 to 300,000 fish in 1998 (Table 1).

## **CHUM SALMON**

The 2008 North Alaska Peninsula estimated total chum salmon *O. keta* escapement of 470,287 fish exceeded the escapement goal range of 219,600 to 454,200 fish (Table 1; Honnold et al. 2007). The Northern District chum salmon escapement goal (119,600 to 239,200 fish; Honnold et al. 2007) was met when 228,537 fish were documented in Northern District streams (Table 8; Appendix A1). The majority of that escapement occurred in the Herendeen-Moller Bay Section (155,810 fish; Table 8). The Northwestern District chum salmon escapement goal (100,000 to 215,000 fish; Honnold et al. 2007) was met with 176,550 fish, with the majority of that escapement occurring in the Izembek-Moffet Bay streams (117,700 fish; Table 9).

## **COMMERCIAL SALMON FISHERY SUMMARY, 2008**

The majority of the North Alaska Peninsula commercial fishing effort targeting sockeye salmon occurred in the Nelson Lagoon, Bear River, Three Hills, Ilnik, and Outer Port Heiden sections. Of those sections only Ilnik and Outer Port Heiden's total sockeye salmon run (catch and escapement combined) were above the most recent 10-year averages (Table 4). However, 2007

was the first year the Outer Port Heiden Section has been open to commercial salmon fishing since 1989. The total late Bear River sockeye salmon run, which consists of commercial catch and escapement from Port Moller to Stroganof Point after July 31, of 870,330 fish was well above the most recent 10-year average of 538,554 fish (Table 16). A complete listing of all commercial salmon harvest by day on the North Peninsula can be found in Table 20.

## **NORTHWESTERN DISTRICT**

In the 2008 Northwestern District commercial salmon fishery, a total of 6 Chinook, 51,446 sockeye, 42 coho, 16,541 pink, and 104,140 chum salmon were harvested (Table 21). With few large sockeye salmon producing systems, the Northwestern District receives less commercial fishing effort than the Northern District. The 2008 sockeye salmon harvest in the Northwestern District of 51,446 fish was below the 1998-2007 average harvest of 85,892 sockeye salmon (Table 21). The sockeye salmon catch in the Uria Bay Section was the largest of any section in the Northwestern District in 2008 at 41,319 fish followed by the Izembek-Moffett Bay Section with 8,836 fish, which was below the 1998-2007 average of 21,036 fish (Tables 2, 21 and 22). A total of 4 permit holders harvested sockeye salmon in the Uria Bay Section (Table 2).

In 2008, the sockeye salmon harvests in the Bechevin Bay, Swanson Lagoon, Dublin, and Uria Bay sections totaled 42,610 fish, which was below the 1998-2007 average of 64,856 sockeye salmon (Table 22). The majority of the sockeye salmon catch in the Izembek-Moffett Bay Section occurred in the Moffett Bay area with a harvest of 6,270 fish, followed by Izembek Lagoon with 2,034 fish (Table 21). The chum salmon catch of 104,140 fish in 2008 was over two times higher than the recent 10-year average of 39,767 fish (Table 9). The majority of the chum salmon harvest occurred in the Izembek-Moffett Bay Section (79,229 fish) followed by the Bechevin Bay Section (19,812 fish; Table 21). The majority of the pink salmon harvest (13,746 salmon) occurred in Bechevin Bay (13,584 fish), which was below the 10-year average of 20,581 fish for even-numbered years.

## **NELSON LAGOON SECTION**

The total Nelson River system run of 361,930 sockeye salmon, compiled from the Nelson Lagoon Section harvest and escapements of all Nelson River tributaries (Table 4), was below the point estimate forecast of 523,000 sockeye salmon but within the projected range of 288,000-757,000 fish (Murphy and Tschersich 2008a). The 2008 Nelson Lagoon sockeye salmon harvest of 183,330 fish (Table 21) was below the 1998-2007 average harvest of 292,111 fish (Table 4; Figure 8). For most of the 2008 commercial fishing season, the Nelson Lagoon Section was generally open five to six days per week (Table 23). The first day of salmon harvest in the Nelson Lagoon Section occurred on June 9 and the last day with a delivery was September 29 (Table 24). The peak daily catch was on July 5 when 24 permit holders harvested 11,933 sockeye salmon (Table 24). The largest weekly harvest in Nelson Lagoon occurred between June 28 and July 4 with a catch of 50,610 fish (Table 2; Figure 9).

After August 15, the Nelson Lagoon Section is managed based on coho salmon run strength. The 2008 Nelson Lagoon coho salmon harvest of 54,282 fish was the second largest catch in the past 10 years and represented over two-thirds of the total North Alaska Peninsula coho salmon harvest during 2008 (Tables 6 and 21). In recent years, increased processor interest and higher prices for coho salmon have resulted in increased harvest effort.

## **BEAR RIVER AND THREE HILLS SECTIONS**

The sockeye salmon harvest in the Bear River Section was 417,261 fish (Table 21), which was below the 1998-2007 average harvest of 573,426 fish (Table 4). The largest weekly harvest in the Port Moller Bight and Bear River sections combined totaled 143,169 sockeye salmon and occurred between August 16 and August 22 (Table 2). The largest daily harvest of 25,644 sockeye salmon occurred on August 25 (Table 25).

By regulation, the Bear River Section opens to commercial salmon fishing on May 1 while the Three Hills Section opens June 25 (5 AAC 09.310 (a)(4)(5)). Fishing times in the Bear River and Three Hills sections are based on the evaluation of the Bear and Sandy river sockeye salmon stocks through June and July (Murphy and Tschersich 2008a). Due to a weaker than expected early run into Bear River, the commercial fishery was closed in the Port Moller Bight, Bear River, and Three Hills sections during June and July in an attempt to meet the escapement goals for Bear and Sandy rivers.

Management of the Bear River sockeye salmon late run begins on August 1. In 2008, the Port Moller Bight, Bear River, Three Hills, and Ilnik sections were closed August 1 through August 10. A test fishery was conducted August 9 to assess the strength of the late run showed a large build-up of sockeye salmon in the vicinity of Bear River (Murphy and Tschersich 2008b; Appendices B1 and B2; Table 26). Strong escapement counts at Bear River beginning August 9 and 10 allowed parts of the Bear River, and all of the Three Hills and Ilnik sections to open to commercial salmon fishing on August 11. A portion of the Bear River Section from the southern 1,000 yard regulatory marker at King Salmon River to Cape Seniavin remained closed to provide a large closed area to protect milling fish. In the following days, as the escapement counts continued to improve and the escapement objective was assured of being met, the entire Bear River Section was opened to commercial salmon fishing. Between August 7 and 16, a pulse of over 116,000 sockeye salmon were counted through the Bear River weir. Escapement through the Bear River weir continued to remain steady throughout August and the late-run interim escapement objective of 87,000-165,000 (Murphy and Tschersich 2008a) sockeye salmon was met when 157,055 fish were counted through the weir between August 1 and the time the weir was removed on August 24 (Table 17). The post-weir estimate of 38,419 sockeye salmon brought the late-run total escapement to 195,474 fish, exceeding the late-run escapement goal of 117,000-195,000 fish (Table 16; Honnold et al. 2007).

Harvest in the Bear River Section, which includes the area from Port Moller to Cape Seniavin, occurred from August 11 to September 29, during which time 72 permit holders harvested a total of 417,261 sockeye salmon (Table 25). During the first weekly fishing period with deliveries in the Bear River Section (August 11-15), an average of 24 permit holders fished daily, harvesting an average of about 13,376 sockeye salmon per day.

Catch rates in the Ilnik Section, which opened on June 30, were strong. Even with the extensive closure of Port Moller Bight, Bear River, and Three Hills sections through June and July, escapements into the Bear and Sandy rivers failed to meet escapement goals through July. The Ilnik River sockeye salmon escapement also began lagging and the Ilnik Section was closed to commercial salmon fishing on July 11. By August 10, escapement counts at the Bear River weir were sufficient to allow fishing in the Port Moller Bight and portion of the Bear River sections (Table 17). When the fishery was opened on August 10, the management focus transitioned to the late run of sockeye salmon returning to Bear River. From August 11 until the final delivery

on September 29 (the remainder of the Bear River late-run), an average of 21 permit holders caught an average of 10,980 total sockeye salmon per day in the Bear River Section with the highest daily harvest of 25,644 sockeye salmon on August 25 (Table 25). During the same time period, a total of 417,261 sockeye were harvested in the Bear River Section and 123,344 sockeye salmon were harvested in the Three Hills Section (Tables 25 and 26). The peak daily sockeye salmon catch in the Three Hills Section was 9,720 fish on August 23 (Table 27).

## **ILNIK SECTION**

Regulations adopted by the BOF in 2007 allow the Ilnik Section to open to commercial salmon fishing on June 20 based on escapement levels in the Ilnik and Meshik rivers (5 AAC 09.369(j)(1)(A)). In the Ilnik Section from June 20 through July 20, time and area closures may be implemented if there are concerns for Ugashik River sockeye salmon stocks (5 AAC 09.369 (j)(1)(B)). During the 2008 season, management of that portion of the Ilnik Section northeast of Unangashak Bluffs was based on the Ilnik River weir escapement and Meshik River sockeye salmon escapement (as determined by aerial surveys). In that portion of the Ilnik Section southwest of Unangashak Bluffs, management actions were based on Ilnik River sockeye salmon escapement levels.

The Ilnik Section outside of Ilnik Lagoon opened to commercial salmon fishing on June 30. The cumulative Ilnik River sockeye salmon escapement on June 30 was 16,552 fish (Table 19). This was over half of the lower end-of-season escapement goal range of 32,000 sockeye salmon on the first day commercial fishing was allowed in the Ilnik Section outside of Ilnik Lagoon. The Ilnik River sockeye salmon run was meeting the escapement objectives through July 10, when it started to fall below the objectives. A closure was implemented in the entire Ilnik Section on July 11 and remained closed until August 10.

That portion of the Ilnik Section northeast of Unangashak Bluffs to Strogonof Point was managed on the basis of Meshik and Ilnik river sockeye salmon stocks from June 20 until July 20 (5 AAC 09.369 (j)(1)(A)(ii)). This area was opened to commercial salmon fishing from June 30 to July 11, except for July 6 when the fishery was closed. During this time, the area northeast of Unangashak Bluffs was generally open to commercial salmon fishing for 4.5 days per week or less. Early season aerial surveys of the Meshik River indicated the run may not be as strong as in previous years. The entire Ilnik Section was closed to commercial salmon fishing July 12-August 10 to allow escapement objectives to be met at the Ilnik River weir and other North Peninsula systems that were, by this time, believed to have weaker than expected runs. The total escapement in the Inner Port Heiden Section (including Meshik River, Red Bluff and Yellow Bluff creeks and tributaries) was 86,250 sockeye salmon (Appendix A1). In the Meshik River system the sockeye salmon escapement was 61,250 fish, meeting the escapement goal range of 20,000-60,000 fish (Appendices A1 and A2; Honnold et al. 2007).

In 2008, a total of 120 permit holders harvested 885,634 sockeye salmon in the Ilnik Section (Table 28). About 39% of this commercial harvest (348,585 sockeye salmon) occurred southwest of Unangashak Bluffs, and about 61% (537,049 sockeye salmon) was harvested between Unangashak Bluffs and Strogonof Point (Table 21; Figures 2 and 3). The 2008 peak daily catch in the Ilnik Section was on July 4 when 167,198 sockeye salmon were harvested (Table 28).

Between July 20 and August 15, the Ilnik Section is managed based on the abundance of Bear River sockeye salmon stocks (Murphy and Tschersich 2008a). Along with the Bear River and Three Hills sections, the Ilnik Section was reopened on August 10 due to a strong return of late-

run sockeye salmon to the Bear River (Table 17). In early September catches tapered off due to inclement weather. Many fishermen quit fishing for the season and those that remained were fishing closer to Port Moller. The Ilnik Section is managed on the basis of coho salmon runs into Ilnik Lagoon beginning August 15 (Murphy and Tschersich 2008a). Fishery extensions occurred in the Ilnik Section during 2008 due strong daily coho harvests and limited number of vessels participating in the fishery. Commercial fisheries in the Ilnik Section continued targeting sockeye and coho salmon were harvested incidentally (Table 28). The total coho salmon commercial harvest in the Ilnik Section in 2008 was 24,428 fish, which was above the most recent 10-year average of 9,295 coho salmon (Table 6).

No commercial salmon fishing effort occurred inside Ilnik Lagoon in 2008 even though extensive fishing time was permitted (Tables 21 and 23).

## **OUTER PORT HEIDEN SECTION**

This was the second year that a significant directed sockeye salmon fishery occurred in the Outer Port Heiden Section. Fishing time in the Outer Port Heiden Section is based on Meshik River sockeye salmon abundance unless management actions are taken for the conservation of Ugashik River sockeye salmon in the Egegik District (Murphy and Tschersich 2008a). The earliest the Outer Port Heiden Section can open is on June 20, but in 2008 did not open until June 30 because of weaker than expected salmon runs to most North Peninsula salmon systems as well as uncertainty of the Meshik River run strength. The weekly fishing periods in the Outer Port Heiden Section were scheduled from 6:00 AM Monday to 6:00 PM Wednesday. The fishery in the Outer Port Heiden Section generally followed the 2.5 days per week schedule through July 15, when the section was closed to commercial salmon fishing because of a weak sockeye salmon runs (Table 23). A total of 9 days of fishing were permitted in 2008 in the Outer Port Heiden Section (Table 23). In 2008, a total of 92 permit holders harvested 320,857 sockeye salmon from the Outer Port Heiden Section (Table 2). The peak daily catch was on July 8 when 56 permit holders harvested 63,094 sockeye salmon (Table 29). The largest weekly harvest of 147,397 sockeye salmon occurred during the period July 5 to July 11 (Table 2; Figure 8).

## **INNER PORT HEIDEN AND CINDER RIVER SECTIONS**

As was the case in previous years, liberal fishing time was allowed in the Inner Port Heiden Section, but the effort in 2008 was minimal. The harvest from Inner Port Heiden is confidential because fewer than three permits fished in this section. Fewer than three permits fished in the Cinder River Section in 2008 by Area T permit holders during September in the overlap area for coho salmon (Table 30).

## **EMERGENCY ORDERS**

In 2008, there were a total of 43 emergency orders issued concerning North Alaska Peninsula salmon fisheries (Table 21). The first emergency order for the North Alaska Peninsula was issued on June 23 and the last on September 25. Emergency orders for North Alaska Peninsula fisheries were issued from the regional Fish and Game offices in Port Moller and Cold Bay in 2008.

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## **TABLES AND FIGURES**

Table 1.—North Peninsula salmon runs by species, 1962-2008.

Year		Number of Salmon					Total
		Chinook	Sockeye	Coho	Pink	Chum	
1962	Catch	5,400	249,700	35,200	31,200	34,900	356,400
	Escapement <sup>a</sup>	4,400	351,200		4,000	150,900	
	Total	9,800	600,900		35,200	185,800	
1963	Catch	3,600	225,200	40,500	6,900	49,900	326,100
	Escapement <sup>a</sup>	6,200	351,000		4,400 <sup>b</sup>	203,200	
	Total	9,800	576,200		11,300 <sup>b</sup>	253,100	
1964	Catch	3,600	250,800	36,600	6,800	139,000	436,800
	Escapement <sup>a</sup>	25,900	419,900		15,100	156,100	
	Total	29,500	670,700		21,900	295,100	
1965	Catch	6,100	199,500	34,500	2,100	69,700	311,900
	Escapement <sup>a</sup>	22,100	238,400		900	49,300	
	Total	28,200	437,900		3,000	119,000	
1966	Catch	5,600	245,300	37,300	16,000	82,800	387,000
	Escapement <sup>a</sup>	8,200	283,300		2,000	149,000	
	Total	13,800	528,600		18,000	231,800	
1967	Catch	5,500	224,700	46,800	700	41,300	319,000
	Escapement <sup>a</sup>	12,200	299,700		700	122,600	
	Total	17,700	524,400		1,400	163,900	
1968	Catch	4,500	237,100	64,900	200	73,500	380,200
	Escapement <sup>a</sup>	15,800	251,300		26,500	250,800	
	Total	20,300	488,400		26,700	324,300	
1969	Catch	4,800	321,300	49,100	100	28,100	403,400
	Escapement <sup>a</sup>	19,500	575,000		4,400	146,800	
	Total	24,300	896,300		4,500	174,900	
1970	Catch	3,829	187,793	26,327	7,904	47,989	273,842
	Escapement <sup>a</sup>	8,300	451,500		11,100	169,800	
	Total	12,129	639,293		19,004	217,789	
1971	Catch	2,187	353,784	8,222	297	64,154	428,644
	Escapement <sup>a</sup>	5,200	435,100		8,600	109,400	
	Total	7,387	788,884		8,897	173,554	
1972	Catch	1,790	179,325	9,684	129	84,687	275,615
	Escapement <sup>a</sup>	5,000	190,200		1,300	124,000	
	Total	6,790	369,525		1,429	208,687	
1973	Catch	2,569	165,388	19,776	143	152,773	340,649
	Escapement <sup>a</sup>	4,300	180,200		200	122,400	
	Total	6,869	345,588		343	275,173	
1974	Catch	2,710	246,209	16,799	10,599	34,417	310,734
	Escapement <sup>a</sup>	3,000	332,800		23,000	105,100	
	Total	5,710	579,009		33,599	139,517	

-continued-

Table 1.—Page 2 of 4.

Year		Number of Salmon					Total
		Chinook	Sockeye	Coho	Pink	Chum	
1975	Catch	2,093	233,293	28,349	295	8,770	272,800
	Escapement <sup>a</sup>	4,600	516,800		600	109,200	
	Total	6,693	750,093		895	117,970	
1976	Catch	4,947	641,134	26,061	672	73,589	746,403
	Escapement <sup>a</sup>	6,000	532,600		37,300	293,400	
	Total	10,947	1,173,734		37,972	366,989	
1977	Catch	5,489	472,006	34,137	888	129,168	641,688
	Escapement <sup>a</sup>	7,100	541,100		8,500	681,200	
	Total	12,589	1,013,106		9,388	810,368	
1978	Catch	13,524	896,616	63,341	485,224	163,804	1,622,509
	Escapement <sup>a</sup>	13,700	1,213,500		96,800	310,500	
	Total	27,224	2,110,116		582,024	474,304	
1979	Catch	15,704	1,979,167	112,835	4,994	65,711	2,178,411
	Escapement <sup>a</sup>	15,800	1,574,000		9,300	305,300	
	Total	31,504	3,553,167		14,294	371,011	
1980	Catch	16,627	1,397,118	127,878	301,672	700,196	2,543,491
	Escapement <sup>a</sup>	11,000	1,387,600		103,600	769,500	
	Total	27,627	2,784,718		405,272	1,469,696	
1981	Catch	18,385	1,844,335	155,420	11,217	706,818	2,736,175
	Escapement <sup>a</sup>	12,400	1,347,900		6,100	535,200	
	Total	30,785	3,192,235		17,317	1,242,018	
1982	Catch	29,770	1,435,277	238,016	12,321	331,133	2,046,517
	Escapement <sup>a</sup>	20,000	718,400		51,700	457,600	
	Total	49,770	2,153,677		64,021	788,733	
1983	Catch	29,006	2,090,142	75,138	3,404	348,307	2,545,997
	Escapement <sup>a</sup>	25,700	580,300		4,000	392,600	
	Total	54,706	2,670,442		7,404	740,907	
1984	Catch	22,770	1,798,780	200,482	46,369	805,132	2,873,533
	Escapement <sup>a</sup>	17,700	826,000		56,600	870,200	
	Total	40,470	2,624,780		102,969	1,675,332	
1985	Catch	23,403	2,596,073	176,118	3,054	666,616	3,465,264
	Escapement <sup>a</sup>	12,900	898,100		1,400	344,200	
	Total	36,303	3,494,173		4,454	1,010,816	
1986	Catch	11,735	2,463,734	164,071	22,630	271,216	2,933,386
	Escapement <sup>a</sup>	8,700	580,300		13,300	243,600	
	Total	20,435	3,044,034		35,930	514,816	
1987	Catch	14,186	1,209,435	171,784	3,486	368,696	1,767,587
	Escapement <sup>a</sup>	10,700	556,000		100	510,900	
	Total	24,886	1,765,435		3,586	879,596	

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Table 1.–Page 3 of 4.

Year		Number of Salmon					Total
		Chinook	Sockeye	Coho	Pink	Chum	
1988	Catch	16,721	1,528,107	233,966	65,242	393,075	2,237,111
	Escapement <sup>a</sup>	11,700	614,900	200-300 <sup>b,c</sup>	43,500	500,300	
	Total	28,421	2,143,007		108,742	893,375	
1989	Catch	10,698	1,718,001	227,551	4,103	156,992	2,117,345
	Escapement <sup>a</sup>	5,600	814,400	150-250 <sup>b,c</sup>	1,900	212,300	
	Total	16,298	2,532,401		6,003	369,292	
1990	Catch	12,320	2,416,047	192,978	517,724	126,113	3,265,182
	Escapement <sup>a</sup>	7,100	1,032,200	140-175 <sup>b,c</sup>	132,200	226,400	
	Total	19,420	3,448,247		649,924	352,513	
1991	Catch	9,359	2,391,406	218,274	4,249	191,278	2,814,566
	Escapement <sup>a</sup>	9,600	1,317,300		6,300	303,300	
	Total	18,959	3,708,706		10,549	494,578	
1992	Catch	13,136	3,575,507	206,813	194,395	341,616	4,331,467
	Escapement <sup>a</sup>	6,600	861,300		207,600	351,700	
	Total	19,736	4,436,807		401,995	693,316	
1993	Catch	22,417	3,866,479	64,376	5,328	134,957	4,093,557
	Escapement <sup>a</sup>	13,700	1,003,800		72,800	402,400	
	Total	36,117	4,870,279		78,128	537,357	
1994	Catch	18,508	2,783,156	241,913	226,315	83,897	3,353,789
	Escapement <sup>a</sup>	38,400	1,211,400		133,200	480,200	
	Total	56,908	3,994,556		359,515	564,097	
1995	Catch	7,540	3,272,748	135,639	12,171	99,293	3,527,391
	Escapement <sup>a</sup>	24,400	1,077,000		8,200	756,300	
	Total	31,940	4,349,748		20,371	855,593	
1996	Catch	4,941	1,911,126	157,313	53,842	67,956	2,195,178
	Escapement <sup>a</sup>	25,700	967,900		382,600	823,100	
	Total	30,641	2,879,026		436,442	891,056	
1997	Catch	10,352	2,151,010	94,776	50,701	97,380	2,404,219
	Escapement <sup>a</sup>	19,500	820,000		25,000	388,200	
	Total	29,852	2,971,010		75,701	485,580	
1998	Catch	5,928	1,087,552	134,724	34,810	69,516	1,332,530
	Escapement <sup>a</sup>	15,000	894,000		300,000	729,500	
	Total	20,928	1,981,552		334,810	799,016	
1999	Catch	4,886	1,783,804	53,907	4,367	50,120	1,897,084
	Escapement <sup>a</sup>	10,900	897,300		25,000	666,300	
	Total	15,786	2,681,104		29,367	716,420	

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Table 1.–Page 4 of 4.

Year		Number of Salmon					Total
		Chinook	Sockeye	Coho	Pink	Chum	
2000	Catch	3,904	1,968,882	83,655	34,373	93,696	2,184,510
	Escapement <sup>a</sup>	9,600	927,200		70,900	594,700	
	Total	13,504	2,896,082		105,273	688,396	
2001	Catch	4,412	1,147,030	22,162	12,469	174,523	1,360,596
	Escapement <sup>a</sup>	13,300	875,400		24,300	692,700	
	Total	17,712	2,022,430		36,769	867,223	
2002	Catch	3,852	1,415,872	28,751	21,461	51,040	1,520,976
	Escapement <sup>a</sup>	18,900	894,500		24,900	679,900	
	Total	22,752	2,310,372		46,361	730,940	
2003	Catch	4,545	1,477,391	53,137	18,624	38,755	1,592,452
	Escapement <sup>a</sup>	11,078	1,231,411		20,000	450,660	
	Total	15,623	2,708,802		38,624	489,415	
2004	Catch	10,402	2,433,778	33,920	15,828	14,958	2,508,886
	Escapement <sup>a</sup>	30,874	1,433,827		122,000	434,950	
	Total	41,276	3,867,605		137,828	449,908	
2005	Catch	9,198	3,115,792	68,680	3,830	42,539	3,240,039
	Escapement <sup>a</sup>	30,617	1,556,811		52,628	296,640	
	Total	39,815	4,672,603		56,458	339,179	
2006	Catch	7,637	2,375,158	93,955	64,207	131,718	2,672,675
	Escapement <sup>a</sup>	32,173	1,157,546		252,462	576,043	
	Total	39,810	3,532,704		316,669	707,761	
2007	Catch	7,609	3,408,818	69,010	137,882	181,009	3,804,328
	Escapement <sup>a</sup>	20,685	1,069,752		45,509	578,784	
	Total	28,294	4,478,570		183,391	759,793	
2008	Catch	1,799	2,003,906	125,237	21,136	177,364	2,329,442
	Escapement <sup>a</sup>	36,072	1,013,170		49,400	470,287	
	Total	37,871	3,017,076		70,536	647,651	
2008	Projected Catch	7,000	2,800,000	70,000	50,000	150,000	3,077,000
1998-2007 Average							
	Catch	6,237	2,021,408	64,190	34,136 <sup>d</sup>	84,787	2,211,408
	Escapement <sup>a</sup>	19,313	1,093,775		154,052 <sup>d</sup>	570,018	
	Total	25,550	3,115,182		188,188 <sup>d</sup>	654,805	

Note: catch numbers do not include test fish harvest or fish retained for personal use.

<sup>a</sup> Escapements are estimated totals.

<sup>b</sup> These figures are very rough extrapolated estimates.

<sup>c</sup> Number of fish in thousands.

<sup>d</sup> Averages for pink salmon include only the even-numbered years 1998, 2000, 2002, 2004 and 2006.

Table 2.—North Peninsula salmon harvest by species, week, and section, all gear combined, 2008.

Catch Dates	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
<b>Dublin Bay Section</b>												
Total	0	0	0	0	0	0	0	0	0	0	0	0
<b>Urilia Bay Section</b>												
21-Jun-27 Jun	a	a	a	a	a	a	a	a	a	a	a	a
28 Jun-04 Jul	4	13	0	0	12,698	83,733	0	0	5	15	506	3,169
05 Jul-11 Jul	3	8	0	0	6,810	37,661	0	0	0	0	1,009	7,050
12 Jul-18 Jul	4	9	3	78	9,642	52,537	0	0	0	0	3	21
19 Jul-25 Jul	a	a	a	a	a	a	a	a	a	a	a	a
Total	4	34	5	108	41,319	245,692	0	0	105	515	1,525	10,303
<b>Swanson Lagoon Section</b>												
05 Jul-11 Jul	a	a	a	a	a	a	a	a	a	a	a	a
12 Jul-18 Jul	a	a	a	a	a	a	a	a	a	a	a	a
19 Jul-25 Jul	a	a	a	a	a	a	a	a	a	a	a	a
26 Jul-01 Aug	a	a	a	a	a	a	a	a	a	a	a	a
Total	4	6	1	18	565	3,841	0	0	57	237	3,574	25,299
<b>Bechevin Bay Section</b>												
12 Jul-18 Jul	a	a	a	a	a	a	a	a	a	a	a	a
19 Jul-25 Jul	3	5	0	0	698	4,648	21	163	2,376	11,009	3,810	32,066
26 Jul-01 Aug	a	a	a	a	a	a	a	a	a	a	a	a
16 Aug-22 Aug	a	a	a	a	a	a	a	a	a	a	a	a
Total	5	16	0	0	726	4,822	41	313	13,584	48,614	19,812	153,223
<b>Izembek-Moffet Bay Section</b>												
05 Jul-11 Jul	a	a	a	a	a	a	a	a	a	a	a	a
12 Jul-18 Jul	a	a	a	a	a	a	a	a	a	a	a	a
19 Jul-25 Jul	a	a	a	a	a	a	a	a	a	a	a	a
26 Jul-01 Aug	a	a	a	a	a	a	a	a	a	a	a	a

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Table 2.–Page 2 of 5.

Catch Dates	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
02 Aug-08 Aug	a	a	a	a	a	a	a	a	a	a	a	a
09 Aug-15 Aug	a	a	a	a	a	a	a	a	a	a	a	a
<b>Total</b>	a	a	a	a	a	a	a	a	a	a	a	a
<b>Black Hills Section</b>												
12 Jul-18 Jul	3	4	7	100	2,199	13,573	3	21	0	0	124	868
19 Jul-25 Jul	10	28	19	206	11,552	64,710	361	2,406	856	2,686	9,537	68,504
26 Jul-01 Aug	11	19	2	32	3,504	18,528	876	4,590	73	230	3,973	28,308
02 Aug-08 Aug	8	21	2	48	2,781	15,431	930	5,721	815	2,533	3,182	25,624
16 Aug-22 Aug	a	a	a	a	a	a	a	a	a	a	a	a
23 Aug-29 Aug	a	a	a	a	a	a	a	a	a	a	a	a
<b>Total</b>	20	74	30	386	20,332	114,142	2,419	14,716	1,744	5,449	16,849	123,608
<b>Nelson Lagoon Section</b>												
07 Jun-13 Jun	4	12	27	258	3,352	17,699	0	0	0	0	0	0
14 Jun-20 Jun	16	51	163	1,628	14,644	80,945	0	0	0	0	0	0
21-Jun-27 Jun	24	88	300	3,696	32,845	188,266	0	0	1	3	0	0
28 Jun-04 Jul	31	153	205	2,912	50,610	292,155	0	0	2	6	0	0
05 Jul-11 Jul	28	137	147	2,418	40,714	238,909	0	0	0	0	4	22
12 Jul-18 Jul	26	90	31	632	17,508	103,115	5	31	1	3	60	431
19 Jul-25 Jul	20	64	7	148	7,946	45,178	159	746	20	60	245	1,808
26 Jul-01 Aug	18	60	0	0	5,681	32,957	655	3,348	65	191	1,346	10,177
02 Aug-08 Aug	18	57	1	18	3,278	19,794	1,384	7,313	53	159	1,127	9,891
09 Aug-15 Aug	18	79	0	0	3,569	21,393	8,726	61,430	72	218	435	3,244
16 Aug-22 Aug	17	77	0	0	1,946	11,517	9,865	81,363	0	0	93	829
23 Aug-29 Aug	18	84	0	0	752	3,732	18,858	163,164	0	0	11	95
30 Aug-05 Sep	21	83	0	0	484	4,018	10,931	97,980	0	0	0	0
06 Sep-12 Sep	16	35	0	0	1	6	3,664	32,866	0	0	0	0
27 Sep-03 Oct	a	a	a	a	a	a	a	a	a	a	a	a
<b>Total</b>	36	1,071	881	11,710	183,330	1,059,684	54,282	448,498	214	640	3,321	26,497
<b>Herendeen-Moller Bay Section</b>												
19 Jul-25 Jul	10	23	0	0	128	732	1	7	1,164	3,637	35,928	262,122
26 Jul-01 Aug	a	a	a	a	a	a	a	a	a	a	a	a
<b>Total</b>	10	24	0	0	128	732	1	7	1,164	3,637	40,722	298,079

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Table 2.–Page 3 of 5.

Catch Dates	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
<b><i>Port Moller to Cape Seniavin</i></b>												
<b><i>(Includes Port Moller Bight and Bear River Sections)</i></b>												
09 Aug-15 Aug	53	168	5	85	85,066	441,728	4,872	31,569	882	2,515	1,901	13,580
16 Aug-22 Aug	58	273	3	52	143,169	749,258	10,176	68,661	173	462	1,017	7,272
23 Aug-29 Aug	51	221	2	52	98,576	522,901	12,314	86,672	28	70	223	1,538
30 Aug-05 Sep	44	145	3	70	57,276	300,503	4,567	32,533	0	0	53	375
06 Sep-12 Sep	27	63	0	0	29,287	154,895	1,369	10,248	0	0	7	48
13 Sep-19 Sep	a	a	a	a	a	a	a	a	a	a	a	a
20 Sep-26 Sep	a	a	a	a	a	a	a	a	a	a	a	a
27 Sep-03 Oct	a	a	a	a	a	a	a	a	a	a	a	a
<b>Total</b>	<b>72</b>	<b>874</b>	<b>13</b>	<b>259</b>	<b>413,374</b>	<b>2,169,285</b>	<b>33,298</b>	<b>229,683</b>	<b>1,083</b>	<b>3,047</b>	<b>3,201</b>	<b>22,813</b>
<b><i>Cape Seniavin to Strogonof Point</i></b>												
<b><i>(Three Hills &amp; Ilnik Sections Combined)</i></b>												
28 Jun-04 Jul	114	545	392	6,889	445,611	2,564,500	0	0	2	6	1,333	9,522
05 Jul-11 Jul	119	521	305	5,589	305,772	1,806,412	24	160	5	13	4,498	30,842
09 Aug-15 Aug	42	115	1	14	53,040	275,109	7,520	51,773	215	637	422	2,898
16 Aug-22 Aug	26	134	3	50	62,090	322,053	13,480	93,262	168	826	169	1,209
23 Aug-29 Aug	25	133	0	0	70,021	368,989	8,823	62,393	0	0	82	568
30 Aug-05 Sep	25	106	0	0	58,959	311,424	4,536	34,038	0	0	25	166
06 Sep-12 Sep	9	28	0	0	13,485	71,567	691	5,349	0	0	8	52
<b>Total</b>	<b>120</b>	<b>1,582</b>	<b>701</b>	<b>12,542</b>	<b>1,008,978</b>	<b>5,720,054</b>	<b>35,074</b>	<b>246,975</b>	<b>390</b>	<b>1,482</b>	<b>6,537</b>	<b>45,257</b>
<b><i>Port Moller to Strogonof Point</i></b>												
<b><i>( Port Moller Bight, Bear River, Three Hills, and Ilnik Sections Combined)</i></b>												
28 Jun-04 Jul	114	545	392	6,889	445,611	2,564,500	0	0	2	6	1,333	9,522
05 Jul-11 Jul	119	521	305	5,589	305,772	1,806,412	24	160	5	13	4,498	30,842
09 Aug-15 Aug	71	283	6	99	138,106	716,837	12,392	83,342	1,097	3,152	2,323	16,478
16 Aug-22 Aug	69	407	6	102	205,259	1,071,311	23,656	161,923	341	1,288	1,186	8,481
23 Aug-29 Aug	64	353	2	52	168,597	891,890	21,137	149,065	28	70	305	2,106
30 Aug-05 Sep	50	251	3	70	116,235	611,927	9,103	66,571	0	0	78	541
06 Aug-12 Sep	32	91	0	0	42,772	226,462	2,060	15,597	0	0	15	100
13 Sep-19 Sep	a	a	a	a	a	a	a	a	a	a	a	a

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Table 2.–Page 4 of 5.

Catch Dates	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
20 Sep-26 Sep	a	a	a	a	a	a	a	a	a	a	a	a
27 Sep-03 Oct	a	a	a	a	a	a	a	a	a	a	a	a
<b>Total</b>	<b>124</b>	<b>2,455</b>	<b>714</b>	<b>12,801</b>	<b>1,422,352</b>	<b>7,889,339</b>	<b>68,372</b>	<b>476,658</b>	<b>1,473</b>	<b>4,529</b>	<b>9,738</b>	<b>68,070</b>
<b><i>Outer Port Heiden Section</i></b>												
28 Jun-04 Jul	39	114	86	1,396	130,762	797,455	0	0	0	0	255	1,808
05 Jul-11 Jul	58	194	59	1,039	147,397	830,669	8	64	0	0	310	2,173
12 Jul-18 Jul	85	152	23	484	42,698	248,215	11	62	0	0	2,029	13,639
<b>Total</b>	<b>92</b>	<b>460</b>	<b>168</b>	<b>2,919</b>	<b>320,857</b>	<b>1,876,339</b>	<b>19</b>	<b>126</b>	<b>0</b>	<b>0</b>	<b>2,594</b>	<b>17,620</b>
<b><i>Inner Port Heiden Section</i></b>												
28 Jun-04 Jul	a	a	a	a	a	a	a	a	a	a	a	a
05 Jul-11 Jul	a	a	a	a	a	a	a	a	a	a	a	a
<b>Total</b>	<b>a</b>	<b>a</b>	<b>a</b>	<b>a</b>	<b>a</b>	<b>a</b>	<b>a</b>	<b>a</b>	<b>a</b>	<b>a</b>	<b>a</b>	<b>a</b>
<b><i>Cinder River Section</i></b>												
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b><i>Entire North Peninsula</i></b>												
07 Jun-13 Jun	4	12	27	258	3,352	17,699	0	0	0	0	0	0
14 Jun-20 Jun	16	51	163	1,628	14,644	80,945	0	0	0	0	0	0
21-Jun-27 Jun	26	90	300	3,696	41,151	232,984	0	0	1	3	0	0
28 Jun-04 Jul	148	825	683	11,197	640,382	3,742,265	0	0	9	27	2,094	14,499
05 Jul-11 Jul	150	863	512	9,064	502,813	2,928,063	32	224	5	13	9,453	66,983
12 Jul-18 Jul	118	262	64	1,294	73,396	424,471	19	114	151	473	8,008	55,519
19 Jul-25 Jul	46	130	28	384	27,171	160,148	543	3,328	5,061	21,111	67,265	498,859
26 Jul-01 Aug	35	93	2	32	10,475	60,465	1,531	7,938	8,464	28,923	46,405	368,084
02 Aug-08 Aug	26	86	3	66	8,598	49,204	2,314	13,034	1,483	4,769	27,093	224,295
09 Aug-15 Aug	88	363	6	99	141,695	738,340	21,118	144,772	1,494	4,505	7,103	58,829
16 Aug-22 Aug	86	491	6	102	207,488	1,084,670	33,766	245,242	4,440	14,767	9,534	72,780
23 Aug-29 Aug	81	438	2	52	169,362	895,680	40,019	312,401	28	70	316	2,201
30 Aug-05 Sep	69	334	3	70	116,719	615,945	20,034	164,551	0	0	78	541

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Table 2.–Page 5 of 5.

Catch Dates	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
06 Sep-12 Sep	48	126	0	0	42,773	226,468	5,724	48,463	0	0	15	100
13 Sep-19 Sep	a	a	a	a	a	a	a	a	a	a	a	a
20 Sep-26 Sep	a	a	a	a	a	a	a	a	a	a	a	a
27 Sep-03 Oct	a	a	a	a	a	a	a	a	a	a	a	a
<b>Total</b>	<b>157</b>	<b>4,168</b>	<b>1,799</b>	<b>27,942</b>	<b>2,003,906</b>	<b>11,272,981</b>	<b>125,237</b>	<b>941,027</b>	<b>21,136</b>	<b>74,661</b>	<b>177,364</b>	<b>1,362,690</b>

*Note:* catch numbers do not include test fish harvest or fish retained for personal use.

<sup>a</sup> Confidentiality requirements prohibit reporting the harvest.

Table 3.—Northern District Chinook salmon runs by section, 1962-2008.

Year	Cinder River Section	Outer Port Heiden Section <sup>a</sup>	Inner Port Heiden Section	Three Hills & Ilnik Sections	Bear River Section	Port Moller Bight, Herendeen & Moller Bay Sections	Nelson Lagoon Section <sup>b</sup>	Caribou Flats & Black Hills Sections	Northern District Totals	
1962	Catch	0	0	400	0	500	700	3,700	0	5,300
	Escapement <sup>c</sup>	0	0	1,100	0	500	0	2,700	100	4,400
	Total	0	0	1,500	0	1,000	700	6,400	100	9,700
1963	Catch	0	0	0	0	600	200	2,500	0	3,300
	Escapement <sup>c</sup>	0	0	100	0	200	0	4,000	1,900	6,200
	Total	0	0	100	0	800	200	6,500	1,900	9,500
1964	Catch	0	0	0	100	300	0	3,300	0	3,700
	Escapement <sup>c</sup>	5,800	0	4,200	500	3,000	0	8,400	4,000	25,900
	Total	5,800	0	4,200	600	3,300	0	11,700	4,000	29,600
1965	Catch	0	0	1,900	300	100	0	4,000	0	6,300
	Escapement <sup>c</sup>	700	0	1,000	0	5,400	0	11,900	3,000	22,000
	Total	700	0	2,900	300	5,500	0	15,900	3,000	28,300
1966	Catch	0	0	700	0	100	0	2,400	0	3,200
	Escapement <sup>c</sup>	0	0	1,300	0	300	0	4,700	1,900	8,200
	Total	0	0	2,000	0	400	0	7,100	1,900	11,400
1967	Catch	0	0	1,400	0	100	400	3,600	0	5,500
	Escapement <sup>c</sup>	800 <sup>c</sup>	0	500	300	3,000	0	5,100	1,300	11,000
	Total	800 <sup>c</sup>	0	1,900	300	3,100	400	8,700	1,300	16,500
1968	Catch	0	0	1,000	100	300	1,300	2,800	0	5,500
	Escapement <sup>c</sup>	300	0	1,100	0	2,600	0	7,300	2,700	14,000
	Total	300	0	2,100	100	2,900	1,300	10,100	2,700	19,500
1969	Catch	0	0	1,400	0	500	500	2,500	0	4,900
	Escapement <sup>c</sup>	800	0	1,100	0	1,000	0	8,100	1,600	12,600
	Total	800	0	2,500	0	1,500	500	10,600	1,600	17,500

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Table 3.–Page 2 of 6.

Year	Cinder River Section	Outer Port Heiden Section <sup>a</sup>	Inner Port Heiden Section	Three Hills & Ilnik Sections	Bear River Section	Port Moller Bight, Herendeen & Moller Bay Sections	Nelson Lagoon Section <sup>b</sup>	Caribou Flats & Black Hills Sections	Northern District Totals
1970	Catch	0	0	22	800	420	2,587	0	3,829
	Escapement <sup>c</sup>	200	0	300	1,000	0	2,900	2,000	6,700
	Total	200	0	300	1,800	420	5,487	2,000	10,529
1971	Catch	0	0	112	315	370	1,390	0	2,187
	Escapement <sup>c</sup>	100	0	100	800	0	2,300	1,500	5,000
	Total	100	0	100	1,115	370	3,690	1,500	7,187
1972	Catch	0	0	61	208	227	1,294	0	1,790
	Escapement <sup>c</sup>	700	0	1,600	100	0	1,400	1,000	4,800
	Total	700	0	1,600	308	227	2,694	1,000	6,590
1973	Catch	0	0	47	672	341	1,503	0	2,563
	Escapement <sup>c</sup>	600	0	600	100	0	1,500	800	3,600
	Total	600	0	600	772	341	3,003	800	6,163
1974	Catch	0	0	43	296	142	2,225	0	2,706
	Escapement <sup>c</sup>	500	0	700	300	0	1,100	400	3,000
	Total	500	0	700	596	142	3,325	400	5,706
1975	Catch	0	0	376	292	201	1,203	0	2,093
	Escapement <sup>c</sup>	100	0	900	700	0	2,500	400	4,600
	Total	100	0	1,276	992	201	3,703	400	6,693
1976	Catch	0	0	1,496	537	592	2,220	0	4,938
	Escapement <sup>c</sup>	1,600	0	200	500	0	3,300	400	6,000
	Total	1,600	0	1,696	1,037	592	5,520	400	10,938
1977	Catch	1	0	2,494	673	509	1,734	0	5,486
	Escapement <sup>c</sup>	100	0	700	0	0	5,600	700	7,100
	Total	101	0	3,194	673	509	7,334	700	12,586
1978	Catch	0	0	8,740	643	745	3,350	0	13,519
	Escapement <sup>c</sup>	1,100	0	4,200	200 <sup>d</sup>	0	4,200	4,000	13,700
	Total	1,100	0	12,940	843 <sup>d</sup>	745	7,550	4,000	27,219

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Table 3.–Page 3 of 6.

Year	Cinder River Section	Outer Port Heiden Section <sup>a</sup>	Inner Port Heiden Section	Three Hills & Ilnik Sections	Bear River Section	Port Moller Bight, Herendeen & Moller Bay Sections	Nelson Lagoon Section <sup>b</sup>	Caribou Flats & Black Hills Sections	Northern District Totals	
1979	Catch	0	0	8,346	11	1,420	523	5,399	0	15,699
	Escapement <sup>c</sup>	300	0	3,200	0	0	0	11,000	1,500	16,000
	Total	300	0	11,546	11	1,420	523	16,399	1,500	31,699
1980	Catch	1	0	5,242	136	1,663	873	8,706	0	16,621
	Escapement <sup>c</sup>	3,000 <sup>c</sup>	0	1,600	0	100	0	5,500	800	11,000
	Total	3,001	0	6,842	136	1,763	873	14,206	800	27,621
1981	Catch	0	0	5,595	23	1,667	106	10,981	0	18,372
	Escapement <sup>c</sup>	3,000 <sup>c</sup>	0	1,000	0	2,300	0	5,200	900	12,400
	Total	3,000	0	6,595	23	3,967	106	16,181	900	30,772
1982	Catch	5	0	10,950	904	2,736	650	13,337	1,175	29,757
	Escapement <sup>c</sup>	2,500 <sup>c</sup>	0	7,500	0	900	0	7,000	2100	20,000
	Total	2,505	0	18,450	904	3,636	650	20,337	3,275	49,757
1983	Catch	1	0	6,408	933	8,474	679	12,055	433	28,983
	Escapement <sup>c</sup>	7,200	0	900	0	1,500	0	12,500	3,600	25,700
	Total	7,201	0	7,308	933	9,974	679	24,555	4,033	54,683
1984	Catch	0	0	6,394	1,301	5,807	547	7,801	863	22,713
	Escapement <sup>c</sup>	400	0	7,400	0	600	0	6,300	3,000	17,700
	Total	400	0	13,794	1,301	6,407	547	14,101	3,863	40,413
1985	Catch	2	0	4,354	1,665	4,729	1,762	10,850	0	23,362
	Escapement <sup>c</sup>	700	0	4,700	0	1,200	0	3,200	3,200	13,000
	Total	702	0	9,054	1,665	5,929	1,762	14,050	3,200	36,362
1986	Catch	0	1	1,821	1,516	2,942	410	4,849	173	11,712
	Escapement <sup>c</sup>	1,700	0	2,400	0	800	0	1,800	2,100	8,800
	Total	1,700	1	4,221	1,516	3,742	410	6,649	2,273	20,512

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Table 3.–Page 4 of 6.

Year	Cinder River Section	Outer Port Heiden Section <sup>a</sup>	Inner Port Heiden Section	Three Hills & Ilnik Sections	Bear River Section	Port Moller Bight, Herendeen & Moller Bay Sections	Nelson Lagoon Section <sup>b</sup>	Caribou Flats & Black Hills Sections	Northern District Totals	
1987	Catch	3	0	3,217	873	3,789	321	5,823	100	14,126
	Escapement <sup>c</sup>	900	0	1,400	0	700	0	4,100	3,600	10,700
	Total	903	0	4,617	873	4,489	321	9,923	3,700	24,826
1988	Catch	1	0	5,816	805	3,447	151	6,467	0	16,687
	Escapement <sup>c</sup>	400	0	2,200	200	1,200	0	3,300	3,300	10,600
	Total	401	0	8,016	1,005	4,647	151	9,767	3,300	27,287
1989	Catch	118	1	2,927	490	2,089	243	3,822	985	10,675
	Escapement <sup>c</sup>	200	0	800	0	900	0	3,100	600	5,600
	Total	318	1	3,727	490	2,989	243	6,922	1,585	16,275
1990	Catch	63	0	4,699	545	2,145	126	3,573	1,126	12,277
	Escapement <sup>c</sup>	1,600	0	800	0	1,400	0	2,300	1,000	7,100
	Total	1,663	0	5,499	545	3,545	126	5,873	2,126	19,377
1991	Catch	2	0	3,139	255	1,631	202	3,452	635	9,316
	Escapement <sup>c</sup>	600	0	900	0	700	0	6,800	500	9,500
	Total	602	0	4,039	255	2,331	202	10,252	1,135	18,816
1992	Catch	133	0	5,427	1,366	3,264	114	2,787	21	13,112
	Escapement <sup>c</sup>	300	0	1,400	0	1,000	0	3,000	900	6,600
	Total	433	0	6,827	1,366	4,264	114	5,787	921	19,712
1993	Catch	2,260	0	9,562	345	5,340	79	4,815	1	22,402
	Escapement <sup>c</sup>	700 <sup>c</sup>	0	3,200 <sup>c</sup>	0	1,800	0	6,000	2,000	13,700
	Total	2,960	0	12,762	345	7,140	79	10,815	2,001	36,102
1994	Catch	2,583	0	8,752	563	2,973	111	3,509	0	18,491
	Escapement <sup>c</sup>	10,500	0	15,100	0	6,200	0	4,800	1,900	38,500
	Total	13,083	0	23,852	563	9,173	111	8,309	1,900	56,991
1995	Catch	335	0	2,261	593	834	11	3,488	8	7,530
	Escapement <sup>c</sup>	9,300	0	7,100	0	3,600	0	3,000	1,300	24,300
	Total	9,635	0	9,361	593	4,434	11	6,488	1,308	31,830

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Table 3.–Page 5 of 6.

Year	Cinder River Section	Outer Port Heiden Section <sup>a</sup>	Inner Port Heiden Section	Three Hills & Ilnik Sections	Bear River Section	Port Moller Bight, Herendeen & Moller Bay Sections	Nelson Lagoon Section <sup>b</sup>	Caribou Flats & Black Hills Sections	Northern District Totals	
1996	Catch	748	0	8	369	1,298	73	2,308	128	4,932
	Escapement <sup>c</sup>	4,000 <sup>c</sup>	0	12,000	0	2,600	0	4,000	3,000	25,600
	Total	4,748	0	12,008	369	3,898	73	6,308	3,128	30,532
1997	Catch	340	0	3,678	1,248	1,880	8	3,164	25	10,343
	Escapement <sup>c</sup>	2,300	0	4,000	0	4,300	0	7,000	1,800	19,400
	Total	2,640	0	7,678	1,248	6,180	8	10,164	1,825	29,743
1998	Catch	410	0	1,342	388	831	43	2,715	153	5,882
	Escapement <sup>c</sup>	2,100	0	3,500	0	2,400	0	5,200	1,800	15,000
	Total	2,510	0	4,842	388	3,231	43	7,915	1,953	20,882
1999	Catch	205	0	279	1,893	408	17	1,925	90	4,817
	Escapement <sup>c</sup>	2,300	0	800	0	2,100	0	4,000	1,700	10,900
	Total	2,505	0	1,079	1,893	2,508	17	5,925	1,790	15,717
2000	Catch	56	0	0	1,308	991	44	1,387	105	3,891
	Escapement <sup>c</sup>	700	0	1,500	0	1,600	0	4,200	1,700	9,700
	Total	756	0	1,500	1,308	2,591	44	5,587	1,805	13,591
2001	Catch	573	0	0	416	963	0	2,164	266	4,382
	Escapement <sup>c</sup>	1,700	0	1,100	100	1,500	0	7,400	1,600	13,400
	Total	2,273	0	1,100	516	2,463	0	9,564	1,866	17,782
2002	Catch	76	0	0	188	2,194	8	1,312	57	3,835
	Escapement <sup>c</sup>	2,300	0	4,500	100	2,800	0	6,900	2,300	18,900
	Total	2,376	0	4,500	288	4,994	8	8,212	2,357	22,735
2003	Catch	0	0	0	312	2,987	0	1,082	162	4,543
	Escapement <sup>c</sup>	350	0	1,200	28	1,500	0	5,500	2,500	11,078
	Total	350	0	1,200	340	4,487	0	6,582	2,662	15,621
2004	Catch	0	0	0	1,951	5,429	0	3,016	4	10,400
	Escapement <sup>c</sup>	4,200	0	8,300	15	7,400	0	7,759	3,200	30,874
	Total	4,200	0	8,300	1,966	12,829	0	10,775	3,204	41,274

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Table 3.–Page 6 of 6.

Year	Cinder River Section	Outer Port Heiden Section <sup>a</sup>	Inner Port Heiden Section	Three Hills & Ilnik Sections	Bear River Section	Port Moller Bight, Herendeen & Moller Bay Sections	Nelson Lagoon Section <sup>b</sup>	Caribou Flats & Black Hills Sections	Northern District Totals	
2005	Catch	231	0	261	1,706	4,081	0	2,887	24	9,190
	Escapement <sup>c</sup>	4,400	0	13,700	24	5,600	0	4,993	1,900	30,617
	Total	4,631	0	13,961	1,730	9,681	0	7,880	1,924	39,807
2006	Catch	0	0	1,057	2,240	1,312	0	3,020	4	7,633
	Escapement <sup>c</sup>	4,200	0	10,900	57	4,100	0	2,516	10,400	32,173
	Total	4,200	0	11,957	2,297	5,412	0	5,536	10,404	39,806
2007	Catch	0	970	0	4,935	332	0	1,372	0	7,609
	Escapement <sup>c</sup>	8,800	0	4,750	71	1,682	0	2,492	2,890	20,685
	Total	8,800	970	4,750	5,006	2,014	0	3,864	2,890	28,294
2008	Catch	0	168	0	701	13	0	881	30	1,793
	Escapement <sup>c</sup>	12,800	0	11,200	15	2,145	0	5,012	4,900	36,072
	Total	12,800	168	11,200	716	2,158	0	5,893	4,930	37,865
1998-2007 Average										
	Catch	155	97	294	1,534	1,953	11	2,088	87	6,218
	Escapement <sup>c</sup>	3,105	0	5,025	40	3,068	0	5,096	2,999	19,333
	Total	3,260	97	5,319	1,573	5,021	11	7,184	3,086	25,551

Note: catch numbers do not include test fish harvest or fish retained for personal use.

<sup>a</sup> Outer Port Heiden Section catches occurred only between 1986 and 1989. This section was closed between 1990 and 2006.

<sup>b</sup> Entire Nelson Lagoon watershed.

<sup>c</sup> Escapements are estimated totals.

Table 4.—Northern District sockeye salmon runs in number of fish, 1962-2008.

Year	Cinder River Section	Outer Port Heiden <sup>a</sup>	Inner Port Heiden	Ilnik	Three Hills	Bear River <sup>b</sup>	Combined Ilnik, Three Hills, & Bear R. Sections	Port Moller Bight & Herendeen-Moller Bay	Nelson Lagoon	Caribou Flats & Black Hills	Northern District Totals
1962 <sup>c</sup> Catch	900	0	17,800	9,700	<sup>d</sup>	142,900	152,600	0	69,600	0	240,900
Escapement	5,000	0	19,000	5,900	<sup>d</sup>	215,000	220,900	100	54,200	1,000	300,200
Total	5,900	0	36,800	15,600	<sup>d</sup>	357,900	373,500	100	123,800	1,000	541,100
1963 <sup>c</sup> Catch	0	0	0	26,600	<sup>d</sup>	120,000	146,600	0	71,500	0	218,100
Escapement	1,400	0	14,200	10,400	<sup>d</sup>	238,600	249,000	100	31,000	1,300	297,000
Total	1,400	0	14,200	37,000	<sup>d</sup>	358,600	395,600	100	102,500	1,300	515,100
1964 <sup>c</sup> Catch	0	0	6,300	33,300	<sup>d</sup>	107,500	140,800	0	88,700	0	235,800
Escapement	1,500	0	10,000	6,500	<sup>d</sup>	250,200	256,700	200	80,000	1,500	349,900
Total	1,500	0	16,300	39,800	<sup>d</sup>	357,700	397,500	200	168,700	1,500	585,700
1965 <sup>c</sup> Catch	0	0	9,700	58,400	<sup>d</sup>	62,400	120,800	100	53,800	0	184,400
Escapement	7,500	0	30,000	12,500	<sup>d</sup>	137,000	149,500	0	37,000	500	224,500
Total	7,500	0	39,700	70,900	<sup>d</sup>	199,400	270,300	100	90,800	500	408,900
1966 <sup>c</sup> Catch	0	0	8,000	11,000	<sup>d</sup>	152,600	163,600	0	60,000	0	231,600
Escapement	3,000	0	11,700	24,300	<sup>d</sup>	185,000	209,300	600	36,500	2,300	263,400
Total	3,000	0	19,700	35,300	<sup>d</sup>	337,600	372,900	600	96,500	2,300	495,000
1967 <sup>c</sup> Catch	0	0	3,100	0	<sup>d</sup>	156,100	156,100	12,500	40,200	0	211,900
Escapement	3,800	0	12,000	26,400	<sup>d</sup>	200,000	226,400	200	42,000	500	284,900
Total	3,800	0	15,100	26,400	<sup>d</sup>	356,100	382,500	12,700	82,200	500	496,800
1968 <sup>c</sup> Catch	0	0	0	78,600	<sup>d</sup>	90,500	169,100	3,400	51,100	0	223,600
Escapement	4,100	0	15,000	15,000	<sup>d</sup>	166,000	181,000	400	31,000	2,000	233,500
Total	4,100	0	15,000	93,600	<sup>d</sup>	256,500	350,100	3,800	82,100	2,000	457,100
1969 <sup>c</sup> Catch	0	0	5,200	24,000	<sup>d</sup>	205,500	229,500	4,400	72,800	0	311,900
Escapement	3,800	0	15,000	15,600	<sup>d</sup>	406,000	421,600	100	78,500	2,500	521,500
Total	3,800	0	20,200	39,600	<sup>d</sup>	611,500	651,100	4,500	151,300	2,500	833,400

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Table 4.–Page 2 of 6

Year	Cinder River Section	Outer Port Heiden <sup>a</sup>	Inner Port Heiden	IlNIK	Three Hills	Bear River <sup>b</sup>	Combined IlNIK, Three Hills, & Bear R. Sections	Port Moller Bight & Herendeen-Moller Bay	Nelson Lagoon	Caribou Flats & Black Hills	Northern District Totals
1970 <sup>c</sup> Catch	0	0	0	21,011	<sup>d</sup>	109,209	130,220	1,672	52,043	21	183,956
Escapement	1,500	0	14,100	15,300	800	294,000	310,100	0	82,400	1,400	409,500
Total	1,500	0	14,100	36,311	800	403,209	440,320	1,672	134,443	1,421	593,456
1971 <sup>c</sup> Catch	0	0	0	16,153	40,929	238,628	295,710	1,301	47,536	0	344,547
Escapement	2,000	0	30,800	26,100	400	281,000	307,500	200	60,100	500	401,100
Total	2,000	0	30,800	42,253	41,329	519,628	603,210	1,501	107,636	500	745,647
1972 <sup>c</sup> Catch	0	0	2	4,478	7,513	136,160	148,151	1,006	23,227	0	172,386
Escapement	400	0	3,500	13,100	0	135,400	148,500	0	28,000	0	180,400
Total	400	0	3,502	17,578	7,513	271,560	296,651	1,006	51,227	0	352,786
1973 <sup>c</sup> Catch	0	0	0	0	16,659	117,678	134,337	3,287	23,896	0	161,520
Escapement	1,200	0	7,200	16,000	0	130,100	146,100	0	18,700	0	173,200
Total	1,200	0	7,200	16,000	16,659	247,778	280,437	3,287	42,596	0	334,720
1974 <sup>c</sup> Catch	0	0	0	0	46,895	157,457	204,352	7,730	25,611	34	237,727
Escapement	1,300	0	1,400	14,500	100	266,500	281,100	0	39,900	1,800	325,500
Total	1,300	0	1,400	14,500	46,995	423,957	485,452	7,730	65,511	1,834	563,227
1975 <sup>c</sup> Catch	0	0	644	411	8,296	165,730	174,437	3,739	51,519	0	230,339
Escapement	900	0	5,100	40,500	300	310,000	350,800	100	138,600	2,000	497,500
Total	900	0	5,744	40,911	8,596	475,730	525,237	3,839	190,119	2,000	727,839
1976 <sup>c</sup> Catch	3	0	4,973	11,954	207,765	310,869	530,588	9,912	74,914	0	620,390
Escapement	6,300	0	30,300	15,100	600	328,000	343,700	500	108,900	7,400	497,100
Total	6,303	0	35,273	27,054	208,365	638,869	874,288	10,412	183,814	7,400	1,117,490
1977 <sup>c</sup> Catch	8	0	3,416	12,592	85,295	268,676	366,563	11,061	56,314	44	437,406
Escapement	3,900	0	23,600	20,600	100	265,200	285,900	13,500	155,000	4,100	486,000
Total	3,908	0	27,016	33,192	85,395	533,876	652,463	24,561	211,314	4,144	923,406

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Table 4.—Page 3 of 6

Year	Cinder River Section	Outer Port Heiden <sup>a</sup>	Inner Port Heiden	IlNIK	Three Hills	Bear River <sup>b</sup>	Combined IlNIK, Three Hills, & Bear R. Sections	Port Moller Bight & Herendeen-Moller Bay	Nelson Lagoon	Caribou Flats & Black Hills	Northern District Totals
1978 <sup>c</sup> Catch	0	0	829	7,457	24,711	556,393	588,561	53,731	213,430	0	856,551
Escapement	3,800	0	18,800	21,200	0	814,000	835,200	4,900	304,300	1,500	1,168,500
Total	3,800	0	19,629	28,657	24,711	1,370,393	1,423,761	58,631	517,730	1,500	2,025,051
1979 <sup>c</sup> Catch	140	0	36,940	53,972	140,390	1,320,851	1,515,213	32,121	320,856	0	1,905,270
Escapement	6,000	0	46,700 <sup>d</sup>	97,200	300	1,013,000	1,110,500	5,000	360,100	3,000	1,531,300
Total	6,140	0	83,640 <sup>d</sup>	151,172	140,690	2,333,851	2,625,713	37,121	680,956	3,000	3,436,570
1980 <sup>c</sup> Catch	46	0	24,628	121,574	130,653	741,861	994,088	10,460	318,526	0	1,347,748
Escapement	30,000	0	47,000 <sup>d</sup>	100,000	0	751,000	851,000	1,500	352,600	3,900	1,286,000
Total	30,046	0	71,628 <sup>d</sup>	221,574	130,653	1,492,861	1,845,088	11,960	671,126	3,900	2,633,748
1981 <sup>c</sup> Catch	24	0	3,847	24,334	44,559	1,327,219	1,396,112	18,610	374,722	0	1,793,315
Escapement	100,000	0	26,600 <sup>d</sup>	151,000	0	741,500	892,500	600	251,000	4,000 <sup>d</sup>	1,274,700
Total	100,024	0	30,447 <sup>d</sup>	175,334	44,559	2,068,719	2,288,612	19,210	625,722	4,000 <sup>d</sup>	3,068,015
1982 <sup>c</sup> Catch	0	0	8,782	35,088	107,418	1,009,291	1,151,797	11,336	229,203	419	1,401,537
Escapement	13,000 <sup>d</sup>	0	62,000 <sup>d</sup>	41,700	1,300	361,300	404,300	500	179,600	6,000	665,400
Total	13,000	0	70,782 <sup>d</sup>	76,788	108,718	1,370,591	1,556,097	11,836	408,803	6,419	2,066,937
1983 <sup>c</sup> Catch	71	0	68	390,883	338,730	1,122,976	1,852,589	15,007	192,947	5	2,060,687
Escapement	9,000	0	8,600	40,000	100	358,000	398,100	500	128,800	2,600	547,600
Total	9,071	0	8,668	430,883	338,830	1,480,976	2,250,689	15,507	321,747	2,605	2,608,287
1984 <sup>c</sup> Catch	0	0	1,746	409,883	333,832	637,400	1,381,115	31,447	118,756	48	1,533,112
Escapement	16,000	0	31,100	22,300	0	414,000	436,300	700	251,000	600	735,700
Catch	16,000	0	32,846	432,183	333,832	1,051,400	1,817,415	32,147	369,756	648	2,268,812
1985 <sup>c</sup> Catch	333	0	5,090	508,887	469,267	821,312	1,799,466	4,519	703,546	0	2,512,954
Escapement	12,600	0	45,500	22,700	0	451,500	474,200	700	314,800	3,700	851,500
Total	12,933	0	50,590	531,587	469,267	1,272,812	2,273,666	5,219	1,018,346	3,700	3,364,454

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Table 4.—Page 4 of 6

Year	Cinder River Section	Outer Port Heiden <sup>a</sup>	Inner Port Heiden	IlNIK	Three Hills	Bear River <sup>b</sup>	Combined IlNIK, Three Hills, & Bear R. Sections	Port Moller Bight & Herendeen-Moller Bay	Nelson Lagoon	Caribou Flats & Black Hills	Northern District Totals
1986 <sup>c</sup> Catch	3	686	38,042	560,339	588,501	938,177	2,087,017	1,294	178,401	2	2,305,445
Escapement	25,700	0	26,400	66,800	100	279,400	346,300	300	117,900	2,300	518,900
Total	25,703	686	64,442	627,139	588,601	1,217,577	2,433,317	1,594	296,301	2,302	2,824,345
1987 <sup>c</sup> Catch	214	0	2,359	506,916	212,435	213,958	933,309	679	128,471	62	1,065,094
Escapement	15,300	0	28,300	30,700	0	266,700	297,400	700	155,700	8,700	506,100
Total	15,514	0	30,659	537,616	212,435	480,658	1,230,709	1,379	284,171	8,762	1,571,194
1988 <sup>c</sup> Catch	43	647	9,951	494,616	258,982	494,951	1,248,549	3,850	186,616	0	1,449,656
Escapement	2,000	0	35,900	26,900	0	347,500	374,400	400	142,500	6,900	562,100
Total	2,043	647	45,851	521,516	258,982	842,451	1,622,949	4,250	329,116	6,900	2,011,756
1989 <sup>c</sup> Catch	817	2,227	11,365	149,399	599,588	557,100	1,306,087	5,670	324,979	14,266	1,665,411
Escapement	4,000	0	11,200	16,600	100	487,000	503,700	500	206,800	7,600	733,800
Total	4,817	2,227	22,565	165,999	599,688	1,044,100	1,809,787	6,170	531,779	21,866	2,399,211
1990 <sup>c</sup> Catch	1,246	0	9,701	753,030	189,870	876,248	1,819,148	4,250	410,417	13,265	2,258,027
Escapement	14,000	0	26,800	35,700	100	564,300	600,100	400	269,200	5,700	916,200
Total	15,246	0	36,501	788,730	189,970	1,440,548	2,419,248	4,650	679,617	18,965	3,174,227
1991 <sup>c</sup> Catch	296	0	5,439	610,975	253,880	1,044,660	1,909,515	4,587	273,960	16,382	2,210,179
Escapement	47,400	0	26,500	135,000	200	681,200	816,400	500 <sup>d</sup>	279,200	9,000	1,179,000
Total	47,696	0	31,939	745,975	254,080	1,725,860	2,725,915	5,087 <sup>d</sup>	553,160	25,382	3,389,179
1992 <sup>c</sup> Catch	4,472	0	8,023	740,992	959,223	1,398,253	3,098,468	5,911	378,706	878	3,496,458
Escapement	15,200	0	33,100	45,100	0	471,200	516,300	200	179,700	16,600	761,100
Total	19,672	0	41,123	786,092	959,223	1,869,453	3,614,768	6,111	558,406	17,478	4,257,558
1993 <sup>c</sup> Catch	8,903	0	518	868,790	411,277	2,041,716	3,321,783	10,045	452,842	4,005	3,798,096
Escapement	20,000 <sup>d</sup>	0	50,000 <sup>d</sup>	70,000	300	501,900	572,200	400	267,200	10,200	920,000
Total	28,903	0	50,518 <sup>d</sup>	938,790	411,577	2,543,616	3,893,983	10,445	720,042	14,205	4,718,096

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Table 4.—Page 5 of 6

Year	Cinder River Section	Outer Port Heiden <sup>a</sup>	Inner Port Heiden	Ilnik	Three Hills	Bear River <sup>b</sup>	Combined Ilnik, Three Hills, & Bear R. Sections	Port Moller Bight & Herendeen-Moller Bay	Nelson Lagoon	Caribou Flats & Black Hills	Northern District Totals
1994 <sup>c</sup> Catch	5,197	0	633	838,945	481,600	1,089,249	2,409,794	2,244	329,212	1,202	2,748,282
Escapement	83,400	0	44,900	75,300	0	581,200	656,500	400	333,400	5,100	1,123,700
Total	88,597	0	45,533	914,245	481,600	1,670,449	3,066,294	2,644	662,612	6,302	3,871,982
1995 <sup>c</sup> Catch	1,280	0	768	320,473	931,168	1,536,039	2,787,680	5,936	448,281	3,569	3,247,514
Escapement	47,500	0	85,600	39,000	400	430,400	469,800	2,000	338,700	3,700	947,300
Total	48,780	0	86,368	359,473	931,568	1,966,439	3,257,480	7,936	786,981	7,269	4,194,814
1996 <sup>c</sup> Catch	3,726	0	3,603	612,761	188,556	592,413	1,393,730	1,546	445,335	5,077	1,853,017
Escapement	60,000 <sup>d</sup>	0	60,000	62,500	0	431,100	493,600	6,000	257,000	8,500	885,100
Total	63,726	0	63,603	675,261	188,556	1,023,513	1,887,330	7,546	702,335	13,577	2,738,117
1997 <sup>c</sup> Catch	8,342	0	2,222	762,638	263,089	642,461	1,668,188	8,693	384,370	20,741	2,092,556
Escapement	33,000	0	40,000 <sup>d</sup>	83,000	400	398,000	481,400	900	190,100	6,100	751,500
Total	41,342	0	42,222 <sup>d</sup>	845,638	263,489	1,040,461	2,149,588	9,593	574,470	26,841	2,844,056
1998 <sup>c</sup> Catch	8,321	0	249	470,560	106,856	251,327	828,743	799	161,441	36,684	1,036,237
Escapement	57,000	0	59,200	50,600	300	469,100	520,000	700	165,300	7,700	809,900
Total	65,321	0	59,449	521,160	107,156	720,427	1,348,743	1,499	326,741	44,384	1,846,137
1999 <sup>c</sup> Catch	19,004	0	877	617,330	200,239	557,805	1,375,374	2,397	237,293	25,324	1,660,269
Escapement	12,400	0	76,000	75,000	100	408,000	483,100	2,500	223,300	11,300	808,600
Total	31,404	0	76,877	692,330	200,339	965,805	1,858,474	4,897	460,593	36,624	2,468,869
2000 <sup>c</sup> Catch	7,984	0	68	769,548	403,470	473,631	1,646,649	4,090	193,694	13,951	1,866,436
Escapement	51,000	0	184,600	95,000	0	275,000	370,000	500	182,700	8,400	797,200
Total	58,984	0	184,668	864,548	403,470	748,631	2,016,649	4,590	376,394	22,351	2,663,636
2001 <sup>c</sup> Catch	5,482	0	0	205,041	165,878	527,284	898,203	1,975	174,363	16,263	1,096,286
Escapement	33,000	0	115,000	59,000	300	351,000	410,300	500	207,100	8,600	774,500
Total	38,482	0	115,000	264,041	166,178	878,284	1,308,503	2,475	381,463	24,863	1,870,786

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Table 4.—Page 6 of 6

Year	Cinder River Section	Outer Port Heiden <sup>a</sup>	Inner Port Heiden	Ilnik	Three Hills	Bear River <sup>b</sup>	Combined Ilnik, Three Hills, & Bear R. Sections	Port Moller Bight & Herendeen-Moller Bay	Nelson Lagoon	Caribou Flats & Black Hills	Northern District Totals
2002 <sup>c</sup> Catch	1,548	0	111	121,054	251,377	596,270	968,701	1,022	325,904	35,744	1,333,030
Escapement	11,500	0	54,100	43,000	650	275,000	318,650	1,500	338,400	12,000	736,150
Total	13,048	0	54,211	164,054	252,027	871,270	1,287,351	2,522	664,304	47,744	2,069,180
2003 <sup>c</sup> Catch	2,775	0	0	267,495	238,674	491,857	998,026	44	373,252	40,126	1,414,223
Escapement	102,700	0	114,000	69,000	300	432,000	501,300	500	364,211	11,100	1,093,811
Total	105,475	0	114,000	336,495	238,974	923,857	1,499,326	544	737,463	51,226	2,508,034
2004 <sup>c</sup> Catch	0	0	0	1,115,036	63,935	611,147	1,790,118	0	527,637	17,604	2,335,359
Escapement	58,050	0	103,700	82,000	600	467,000	549,600	2,250	515,397	17,900	1,246,897
Total	58,050	0	103,700	1,197,036	64,535	1,078,147	2,339,718	2,250	1,043,034	35,504	3,582,256
2005 <sup>c</sup> Catch	116	0	1,835	1,370,001	193,621	1,030,989	2,594,611	12	334,702	9,971	2,941,247
Escapement	141,000	0	113,100	154,000	5,700	655,300	815,000	500	303,000	47,500	1,420,100
Total	141,116	0	114,935	1,524,001	199,321	1,686,289	3,409,611	512	637,702	57,471	4,361,347
2006 <sup>c</sup> Catch	0	0	1,151	1,317,901	153,343	576,552	2,047,796	0	255,265	8,430	2,312,642
Escapement	101,100	0	142,610	88,000	1,800	493,000	582,800	3,000	226,000	7,530	1,063,040
Total	101,100	0	143,761	1,405,901	155,143	1,069,552	2,630,596	3,000	481,265	15,960	3,375,682
2007 <sup>c</sup> Catch	0	387,786	842	1,776,430	234,930	617,402	2,628,762	206	337,556	4,273	3,359,425
Escapement	142,000	0	58,500	93,000	1,500	475,702	570,202	3,100	187,000	16,800	977,602
Total	142,000	387,786	59,342	1,869,430	236,430	1,093,104	3,198,964	3,306	524,556	21,073	4,337,027
2008 <sup>c</sup> Catch	0	320,857	1,574	885,634	123,344	417,261	1,426,239	128	183,330	20,332	1,952,460
Escapement	129,800	0	86,250	44,300	2,000	353,200	399,500	1,220	178,600	44,000	839,370
Total	129,800	320,857	87,824	929,934	125,344	770,461	1,825,739	1,348	361,930	64,332	2,791,830
1998-2007 Average <sup>c</sup>											
Catch	4,523	38,779	513	803,040	201,232	573,426	1,577,698	1,055	292,111	20,837	1,935,515
Escapement	70,975	0	102,081	80,860	1,125	430,110	512,095	1,505	271,241	14,883	972,780
Total	75,498	38,779	102,594	883,900	202,357	1,003,537	2,089,794	2,560	563,352	35,720	2,908,295

Note: catch numbers do not include test fish harvest or fish retained for personal use.

<sup>a</sup> Outer Port Heiden Section catches occurred only between 1986 and 1989. This section was closed between 1990 and 2006.

<sup>b</sup> Escapement includes all sockeye systems, mainly Bear and Sandy Rivers combined with post weir estimates.

<sup>c</sup> Escapements are indexed totals except for Bear, Sandy, Ilnik, and Nelson Rivers where weir and tower counts are used.

<sup>d</sup> Ilnik Section and Three Hills Section combined.

Table 5.—Port Moller Bight, Bear River, Three Hills, and Ilnik sections combined salmon harvest by species and day, 2008.

Catch Date	Permits	Landings	Number of Fish				
			Chinook	Sockeye	Coho	Pink	Chum
Prior to 29-Jun	0	0	0	0	0	0	0
30-Jun	30	30	19	25,194	0	0	23
1-Jul	59	76	47	64,189	0	2	111
2-Jul	65	96	92	87,854	0	0	382
3-Jul	80	102	86	84,674	0	0	334
4-Jul	109	212	135	167,198	0	0	455
5-Jul	28	29	13	16,502	0	0	28
6-Jul	<sup>a</sup>	<sup>a</sup>	<sup>a</sup>	<sup>a</sup>	<sup>a</sup>	<sup>a</sup>	<sup>a</sup>
7-Jul	68	104	59	66,390	0	0	165
8-Jul	65	72	41	44,248	2	1	1,640
9-Jul	82	97	47	52,728	0	0	428
10-Jul	110	117	101	81,143	12	4	1,029
11-Jul	112	131	57	61,263	10	0	1,236
12-Jul to 9-Aug	<sup>a</sup>	<sup>a</sup>	<sup>a</sup>	<sup>a</sup>	<sup>a</sup>	<sup>a</sup>	<sup>a</sup>
10-Aug	<sup>b</sup>	<sup>b</sup>	<sup>b</sup>	<sup>b</sup>	<sup>b</sup>	<sup>b</sup>	<sup>b</sup>
11-Aug	43	44	0	13,219	850	47	484
12-Aug	46	52	1	17,849	915	51	421
13-Aug	28	28	0	18,309	1,728	83	209
14-Aug	43	43	1	24,942	2,271	90	440
15-Aug	52	59	0	35,794	3,045	424	531
16-Aug	53	56	4	27,962	3,579	402	238
17-Aug	51	52	0	19,938	2,307	158	271
18-Aug	60	62	1	27,705	2,320	12	222
19-Aug	50	50	1	33,590	3,967	72	240
20-Aug	59	62	0	34,066	5,096	0	143
21-Aug	46	51	2	34,631	4,320	54	86
22-Aug	60	71	1	29,814	3,363	45	119
23-Aug	59	59	1	25,515	2,283	0	105
24-Aug	38	38	0	19,855	2,265	22	44
25-Aug	56	56	0	36,501	3,587	6	109
26-Aug	49	49	0	23,512	3,105	0	33
27-Aug	55	57	0	21,708	2,950	0	32
28-Aug	42	42	0	20,428	3,033	0	30
29-Aug	42	42	1	27,046	2,987	0	29
30-Aug	51	69	1	19,547	3,210	0	28
31-Aug	18	18	0	5,558	766	0	7
1-Sep	27	28	1	15,803	1,149	0	10
2-Sep	45	45	0	28,957	2,157	0	21
3-Sep	45	45	1	16,243	1,768	0	23
4-Sep	46	46	0	18,039	1,247	0	7
5-Sep	40	46	1	23,360	1,458	0	7
6-Sep	22	23	0	8,275	558	0	3
7-Sep	18	18	0	5,786	425	0	5

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Table 5.–Page 2 of 2.

Catch Date	Permits	Landings	Number of Fish				
			Chinook	Sockeye	Coho	Pink	Chum
8-Sep	23	23	0	5,701	348	0	1
9-Sep	23	26	0	15,214	650	0	9
10-Sep	10	11	0	3,142	182	0	0
11-Sep	4	4	0	2,429	89	0	0
12-Sep	3	3	0	4,772	132	0	0
13-Sep	4	6	0	5,728	234	0	0
14-Sep to 16-Sep	a	a	a	a	a	a	a
17-Sep	b	b	b	b	b	b	b
18-Sep to 23-Sep	a	a	a	a	a	a	a
24-Sep	b	b	b	b	b	b	b
25-Sep	a	a	a	a	a	a	a
26-Sep	b	b	b	b	b	b	b
27-Sep to 28-Sep	a	a	a	a	a	a	a
29-Sep	b	b	b	b	b	b	b
<b>Total</b>	<b>124</b>	<b>2,455</b>	<b>714</b>	<b>1,426,239</b>	<b>68,474</b>	<b>1,473</b>	<b>9,738</b>

*Note:* catch numbers do not include test fish harvest or fish retained for personal use.

<sup>a</sup> Fishery closed.

<sup>b</sup> Confidentiality requirements prohibit releasing this information.

Table 6.–North Peninsula coho salmon harvest in number of fish by district and section, 1998-2008.

Section	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	1998-2007 Average
Northwestern District												
Dublin Bay	0	0	0	0	0	0	0	0	0	0	0	0
Urilla Bay	3,561	1,686	5,601	0	0	0	0	0	0	0	0	1,085
Swanson Lagoon	126	486	27	0	0	0	0	0	23	10	0	67
Bechevin Bay <sup>a</sup>	0	30	0	0	0	0	0	0	109	3	41	14
Izembek - Moffet Bay <sup>a</sup>	0	0	0	23	25	37	15	901	92	142	1	124
Northwestern												
District Total	3,687	2,202	5,628	23	25	37	15	901	224	155	42	1,290
Northern District												
Black Hills	533	250	259	86	335	423	356	78	140	71	2,419	253
Caribou Flats	0	0	0	0	0	0	0	0	0	0	0	0
Nelson Lagoon	33,700	8,536	25,017	2,918	6,712	30,620	29,879	46,486	66,874	47,647	54,282	29,839
Herendeen - Moller Bay <sup>b</sup>	78	297	19	42	29	7	0	0	0	41	1	51
Bear River	6,011	14,029	10,111	10,031	13,080	10,379	1,743	9,046	11,580	9,076	33,400	9,509
Three Hills	10,221	9,298	5,630	3,135	5,863	3,982	944	2,177	4,422	4,111	10,646	4,978
Ilnik	23,886	17,468	12,584	4,488	2,387	5,617	649	7,870	10,715	7,281	24,428	9,295
Inner Port Heiden	5,705	835	11,623	0	0	0	0	0	0	0	0	1,816
Outer Port Heiden	0	0	0	0	0	0	0	0	0	628	19	63
Cinder River	50,903	992	12,784	1,439	320	2,072	334	2,122	0	0	0	7,097
Northern												
District Total	131,037	51,705	78,027	22,139	28,726	53,100	33,905	67,779	93,731	68,855	125,195	62,900
North Peninsula												
Total	134,724	53,907	83,655	22,162	28,751	53,137	33,920	68,680	93,955	69,010	125,237	64,190

Note: catch numbers do not include test fish harvest or fish retained for personal use.

<sup>a</sup> Statistical area 311-58 was moved from the Bechevin Bay Section to the Izembek-Moffet Bay Section in 2001.

<sup>b</sup> Includes Port Moller Bight Section.

Table 7.—Northwestern District pink salmon runs in number of fish, 1962-2008.

Year		Izembek - Moffet Bay <sup>a</sup>	Dublin, Uria, & Bechevin bays & Swanson Lagoon <sup>a</sup>	Northwestern District Total <sup>b</sup>
1962	Catch	0	30,800	30,800
	Escapement <sup>c</sup>	0	4,000	4,000
	Total	0	34,800	34,800
1963	Catch	0	6,000	6,000
	Escapement <sup>c</sup>	0	4,400	4,400
	Total	0	10,400	10,400
1964	Catch	100	6,700	6,800
	Escapement <sup>c</sup>	0	15,000	15,000
	Total	100	21,700	21,800
1965	Catch	0	2,000	2,000
	Escapement <sup>c</sup>	0	900	900
	Total	0	2,900	2,900
1966	Catch	0	16,000	16,000
	Escapement <sup>c</sup>	400	1,300	1,700
	Catch	400	17,300	17,700
1967	Catch	0	300	300
	Escapement <sup>c</sup>	200	500	700
	Total	200	800	1,000
1968	Catch	0	0	0
	Escapement <sup>c</sup>	1,500	25,000	26,500
	Total	1,500	25,000	26,500
1969	Catch	0	0	0
	Escapement <sup>c</sup>	2,300	2,100	4,400
	Total	2,300	2,100	4,400
1970	Catch	9	7,836	7,845
	Escapement <sup>c</sup>	0	11,100	11,100
	Total	0	18,900	18,900
1971	Catch	3	273	276
	Escapement <sup>c</sup>	100	8,400	8,500
	Total	100	8,700	8,800
1972	Catch	16	16	32
	Escapement <sup>c</sup>	0	1,200	1,200
	Total	0	1,200	1,200
1973	Catch	4	30	34
	Escapement <sup>c</sup>	0	200	200
	Total	0	200	200

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Table 7.–Page 2 of 5.

Year		Izembek - Moffet Bay <sup>a</sup>	Dublin, Urilia, & Bechevin bays & Swanson Lagoon <sup>a</sup>	Northwestern District Total <sup>b</sup>
1974	Catch	0	10,306	10,306
	Escapement <sup>c</sup>	0	23,000	23,000
	Total	0	33,300	33,300
1975	Catch	2	7	9
	Escapement <sup>c</sup>	100	500	600
	Total	100	500	600
1976	Catch	50	35	85
	Escapement <sup>c</sup>	100	37,200	37,300
	Total	100	37,200	37,300
1977	Catch	0	0	0
	Escapement <sup>c</sup>	200	6,200	6,400
	Total	200	6,200	6,400
1978	Catch	2,165	465,617	467,782
	Escapement <sup>c</sup>	0	90,400	90,400
	Total	2,200	556,000	558,200
1979	Catch	6	3,371	3,377
	Escapement <sup>c</sup>	0	9,300	9,300
	Total	0	12,700	12,700
1980	Catch	0	297,929	297,929
	Escapement <sup>c</sup>	0	94,000	94,000
	Total	0	391,900	391,900
1981	Catch	0	9,063	9,063
	Escapement <sup>c</sup>	0	5,700	5,700
	Total	0	14,800	14,800
1982	Catch	14	5,071	5,085
	Escapement <sup>c</sup>	200	51,500	51,700
	Total	200	56,600	56,800
1983	Catch	0	593	1,318
	Escapement <sup>c</sup>	0	3,900	3,900
	Total	0	5,200	5,200
1984	Catch	141	9,728	9,869
	Escapement <sup>c</sup>	0	33,000	33,000
	Total	100	42,700	42,800
1985	Catch	8	1,944	1,952
	Escapement <sup>c</sup>	0	1,400	1,400
	Total	0	3,300	3,300

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Table 7.–Page 3 of 5.

Year		Izembek - Moffet Bay <sup>a</sup>	Dublin, Urilia, & Bechevin bays & Swanson Lagoon <sup>a</sup>	Northwestern District Total <sup>b</sup>
1986	Catch	0	9,885	9,885
	Escapement <sup>c</sup>	0	12,900	12,900
	Total	0	22,800	22,800
1987	Catch	7	839	846
	Escapement <sup>c</sup>	0	1,100	1,100
	Total	0	1,900	1,900
1988	Catch	1,152	29,003	30,155
	Escapement <sup>c</sup>	1,800	26,700	28,500
	Total	3,000	55,700	58,700
1989	Catch	0	3,195	3,195
	Escapement <sup>c</sup>	0	1,900	1,900
	Total	0	5,100	5,100
1990	Catch	130	0	130
	Escapement <sup>c</sup>	400	21,800	22,200
	Total	530	21,800	22,330
1991	Catch	7	3,402	3,409
	Escapement <sup>c</sup>	0	1,200	1,200
	Total	0	4,600	4,600
1992	Catch	679	7,637	8,316
	Escapement <sup>c</sup>	600	3	603
	Total	1,300	57,000	58,300
1993	Catch	5	51	56
	Escapement <sup>c</sup>	0	700	700
	Total	0	800	800
1994	Catch	133	188,003	188,136
	Escapement <sup>c</sup>	1,000	93,700	94,700
	Total	1,100	281,700	282,800
1995	Catch	7	1,377	1,384
	Escapement <sup>c</sup>	200	5,000	5,200
	Total	207	6,377	6,584
1996	Catch	587	2,580	3,167
	Escapement <sup>c</sup>	19,200	197,400	216,600
	Total	19,787	199,980	219,767
1997	Catch	32	5,104	5,136
	Escapement <sup>c</sup>	0	4,800	4,800
	Total	0	9,900	9,900

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Table 7.–Page 4 of 5.

Year		Izembek - Moffet Bay <sup>a</sup>	Dublin, Uria, & Bechevin bays & Swanson Lagoon <sup>a</sup>	Northwestern District Total <sup>b</sup>
1998	Catch	245	15,910	16,155
	Escapement <sup>c</sup>	9,000	120,500	129,500
	Total	9,245	136,410	145,655
1999	Catch	0	1,172	1,172
	Escapement <sup>c</sup>	0	14,500	14,500
	Total	0	15,672	15,672
2000	Catch	14	17,855	17,869
	Escapement <sup>c</sup>	0	35,900	35,900
	Total	14	53,755	53,769
2001	Catch	639	3,518	4,157
	Escapement <sup>c</sup>	400	6,500	6,900
	Total	1,039	10,018	11,057
2002	Catch	971	2,807	3,778
	Escapement <sup>c</sup>	1,200	10,700	11,900
	Total	2,171	13,507	15,678
2003	Catch	591	113	704
	Escapement <sup>c</sup>	0	800	800
	Total	591	913	1,504
2004	Catch	1,328	10,106	11,434
	Escapement <sup>c</sup>	1,000	84,300	85,300
	Total	2,328	94,406	96,734
2005	Catch	1,503	445	1,948
	Escapement <sup>c</sup>	18	8,720	8,738
	Total	1,521	9,165	10,686
2006	Catch	786	56,229	57,015
	Escapement <sup>c</sup>	12,840	116,075	128,915
	Total	13,626	172,304	185,930
2007	Catch	4,713	132,304	137,017
	Escapement <sup>c</sup>	3,850	11,900	15,750
	Total	8,563	144,204	152,767
2008	Catch	2,795	13,746	16,541
	Escapement <sup>c</sup>	0	11,900	11,900
	Total	2,795	25,646	28,441

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Table 7.–Page 5 of 5.

Year	Izembek - Moffet Bay <sup>a</sup>	Dublin, Uria, & Bechevin bays & Swanson Lagoon <sup>a</sup>	Northwestern District Total <sup>b</sup>
1998-2007 Average <sup>d</sup>			
Catch	669	20,581	21,250
Escapement <sup>c</sup>	4,808	73,495	78,303
Total	5,477	94,076	99,553

*Note:* catch numbers do not include test fish harvest or fish retained for personal use.

<sup>a</sup> Statistical area 311-58 was moved from the Bechevin Bay Section to the Izembek-Moffet Bay Section in 2001.

<sup>b</sup> In 1983 only the Northwestern District catch includes a small harvest from the Dublin Bay Section.

<sup>c</sup> Escapements are estimated totals.

<sup>d</sup> Averages include only the even-numbered years 1998, 2000, 2002, 2004, and 2006.

Table 8.—Northern District chum salmon runs in number of fish, 1962-2008.

Year		Cinder River	Outer Port Heiden	Inner Port Heiden	Three Hills & Ilnik	Bear River	Pt. Moller Bight, Herendeen- Moller Bay	Nelson Lagoon	Caribou Flats & Black Hills	Northern District Totals
1962	Catch	200	0	8,600	600	7,000	0	3,700	0	20,100
	Escapement <sup>a</sup>	500	0	1,900 <sup>b</sup>	1,500 <sup>b</sup>	1,500	18,300	9,700	1,000 <sup>b</sup>	34,400
	Total	700	0	10,500 <sup>b</sup>	2,100 <sup>b</sup>	8,500	18,300	13,400	1,000 <sup>b</sup>	54,500
1963	Catch	0	0	0	700	600	0	4,100	0	5,400
	Escapement <sup>a</sup>	1,200	0	7,400 <sup>b</sup>	1,500 <sup>b</sup>	3,000 <sup>b</sup>	26,000	7,000	1,300 <sup>b</sup>	47,000
	Total	1,200	0	7,400 <sup>b</sup>	2,200 <sup>b</sup>	3,600 <sup>b</sup>	26,000	11,000	1,300 <sup>b</sup>	53
1964	Catch	0	0	0	2,300	6,500	39,800	3,400	0	52,000
	Escapement <sup>a</sup>	200	0	1,000	1,500 <sup>b</sup>	3,000	35,900	2,000	1,000 <sup>b</sup>	44,600
	Total	200	0	1,000	3,800 <sup>b</sup>	9,500	75,700	5,400	1,000 <sup>b</sup>	96,600
1965	Catch	0	0	800	2,300	1,500	13,600	2,200	0	20,400
	Escapement <sup>a</sup>	0	0	8,500	1,500 <sup>b</sup>	1,000	8,000	4,000	500 <sup>b</sup>	23,500
	Total	0	0	9,300	3,800 <sup>b</sup>	2,500	21,600	6,200	500 <sup>b</sup>	43,900
1966	Catch	0	0	0	300	3,700	17,900	4,800	0	26,700
	Escapement <sup>a</sup>	4,400	0	3,400 <sup>b</sup>	1,500 <sup>b</sup>	1,000	56,200	17,000	2,000	85,500
	Total	4,400	0	3,400 <sup>b</sup>	1,800 <sup>b</sup>	4,700	74,100	22	2,000	112,200
1967	Catch	0	0	0	0	13,600	2,400	5,100	0	21,100
	Escapement <sup>a</sup>	2,500	0	3,000	9,600	2,500	25,000	29,800	2,000 <sup>b</sup>	74,400
	Total	2,500	0	3,000	9,600	16,100	27,400	34,900	2,000 <sup>b</sup>	95,500
1968	Catch	0	0	0	3,100	7,500	10,500	3,500	0	24,600
	Escapement <sup>a</sup>	0	0	11,000 <sup>b</sup>	0	9,500	47,700	18,100	2,000	88,300
	Total	0	0	11,000 <sup>b</sup>	3,100	17,000	58,200	21,600	2,000	112,900
1969	Catch	0	0	1,200	1,300	10,300	7,800	3,500	0	24,100
	Escapement <sup>a</sup>	2,500	0	11,000 <sup>b</sup>	1,500 <sup>b</sup>	1,000	14,000	13,000	500	43,500
	Total	2,500	0	12,200 <sup>b</sup>	2,800 <sup>b</sup>	11,300	21,800	16,500	500	67,600

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Table 8.–Page 2 of 6.

Year		Cinder River	Outer Port Heiden	Inner Port Heiden	Three Hills & Ilnik	Bear River	Pt. Moller Bight, Herendeen- Moller Bay	Nelson Lagoon	Caribou Flats & Black Hills	Northern District Totals
1970	Catch	0	0	0	1,165	14,430	12,242	7,664	9	35,510
	Escapement <sup>a</sup>	1,300	0	22,000	500	2,000	42,800	36,000	1,500 <sup>b</sup>	106,100
	Total	1,300	0	22,000	1,665	16,430	55,042	43,664	1,509 <sup>b</sup>	141,610
1971	Catch	0	0	0	2,513	12,980	1,156	3,785	0	20,434
	Escapement <sup>a</sup>	2,500	0	12,100	800	0	14,500	19,000	500 <sup>b</sup>	49,400
	Total	2,500	0	12,100	3,313	12,980	15,656	22,785	500 <sup>b</sup>	69,834
1972	Catch	0	0	35	767	13,956	7,384	3,187	0	25,329
	Escapement <sup>a</sup>	5,300	0	12,200	500	3,700	8,000	16,800	500 <sup>b</sup>	47,000
	Total	5,300	0	12,235	1,267	17,656	15,384	19,987	500 <sup>b</sup>	72,329
1973	Catch	0	0	0	825	34,916	12,173	1,776	0	49,690
	Escapement <sup>a</sup>	600	0	22,800	800	800	3,700	12,700	0	41,400
	Total	600	0	22,800	1,625	35,716	15,873	14,476	0	91,090
1974	Catch	0	0	0	1,302	15,051	3,186	483	14	20,036
	Escapement <sup>a</sup>	4,600	0	4,500	0	1,500	3,700	8,300	400	23,000
	Total	4,600	0	4,500	1,302	16,551	6,886	8,783	414	43,036
1975	Catch	0	0	17	122	3,841	256	657	0	4,893
	Escapement <sup>a</sup>	300	0	1,500	2,000	2,000	7,300	4,500	0	17,600
	Total	300	0	1,517	2,122	5,841	7,556	5,157	0	22,493
1976	Catch	0	0	1,142	2,892	12,300	5,482	5,778	0	27,594
	Escapement <sup>a</sup>	1,900	0	30,700	5,700	18,000	28,500	42,500	100	127,400
	Total	1,900	0	31,842	8,592	30,300	33,982	48,278	100	154,994
1977	Catch	0	0	1,308	7,113	32,259	34,847	10,566	141	86,234
	Escapement <sup>a</sup>	1,700 <sup>b</sup>	0	32,000	1,500 <sup>b</sup>	17,000	108,500	83,300	1,500	245,500
	Total	1,700 <sup>b</sup>	0	33,308	8,613 <sup>b</sup>	49,259	143,347	93,866	1,641	331,734

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Table 8.–Page 3 of 6.

Year		Cinder River	Outer Port Heiden	Inner Port Heiden	Three Hills & Inik	Bear River	Pt. Moller Bight, Herendeen- Moller Bay	Nelson Lagoon	Caribou Flats & Black Hills	Northern District Totals
1978	Catch	0	0	437	1,242	14,594	6,558	10,323	0	33,154
	Escapement <sup>a</sup>	7,400	0	22,000	1,500 <sup>b</sup>	15,500 <sup>b</sup>	89,300	10,200	1,000 <sup>b</sup>	146,900
	Total	7,400	0	22,437	2,742 <sup>b</sup>	30,094 <sup>b</sup>	95,858	20,523	1,000 <sup>b</sup>	180,054
1979	Catch	27	0	776	680	17,379	10,852	5,657	0	35,371
	Escapement <sup>a</sup>	3,600 <sup>b</sup>	0	32,700 <sup>b</sup>	0	7,000	30,600	37,000	4,000	114,900
	Total	3,627 <sup>b</sup>	0	33,476 <sup>b</sup>	680	24,379	41,452	42,657	4,000	150,271
1980	Catch	20	0	2,580	29,773	161,666	58,560	80,086	0	332,685
	Escapement <sup>a</sup>	10,000 <sup>b</sup>	0	33,700 <sup>b</sup>	10,000 <sup>b</sup>	20,000 <sup>b</sup>	116,100	164,000	10,400	364,200
	Total	10,020 <sup>b</sup>	0	36,280 <sup>b</sup>	39,773 <sup>b</sup>	181,666 <sup>b</sup>	174,660	244,086	10,400	696,885
1981	Catch	0	0	227	7,148	154,995	126,188	62,764	0	351,322
	Escapement <sup>a</sup>	11,800 <sup>b</sup>	0	73,400 <sup>b</sup>	11,000 <sup>c</sup>	27,200	85,000	57,000	11,000 <sup>b</sup>	276,400
	Total	11,800 <sup>b</sup>	0	73,627 <sup>b</sup>	18,148 <sup>c</sup>	182,195	211,188	119,764	11,000 <sup>b</sup>	627,722
1982	Catch	0	0	724	21,199	142,439	50,184	21,426	42	236,014
	Escapement <sup>a</sup>	5,500 <sup>b</sup>	0	35,500 <sup>b</sup>	1,000	42,400	152,000	29,100	2,000 <sup>b</sup>	267,500
	Total	5,500 <sup>b</sup>	0	36,224 <sup>b</sup>	22,199	184,839	202,184	50,526	2,042 <sup>b</sup>	503,514
1983	Catch	2	0	0	26,091	87,264	51,333	13,991	0	178,681
	Escapement <sup>a</sup>	17,200	0	14,500	11,200	15,000 <sup>b</sup>	126,000	14,000	1,200	199,100
	Total	17,202	0	14,500	37,291	102,264 <sup>b</sup>	177,333	27,991	1,200	377,781
1984	Catch	0	0	160	174,150	242,329	119,219	78,401	9	614,268
	Escapement <sup>a</sup>	13,000	0	85,000	4,000	7,000	241,300	49,000	10,000	409,300
	Total	13,000	0	85,160	178,150	249,329	360,519	127,401	10,009	1,023,568
1985	Catch	2	0	0	86,644	68,315	261,945	6,583	0	423,489
	Escapement <sup>a</sup>	3,200	0	26,500	200	5,200	71,700	13,000	4,100	123,900
	Total	3,202	0	26,500	86,844	73,515	333,645	19,583	4,100	547,389

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Table 8.–Page 4 of 6.

Year		Cinder River	Outer Port Heiden	Inner Port Heiden	Three Hills & Inik	Bear River	Pt. Moller Bight, Herendeen- Moller Bay	Nelson Lagoon	Caribou Flats & Black Hills	Northern District Totals
1986	Catch	2	55	838	38,678	86,681	27,793	3,606	0	157,653
	Escapement <sup>a</sup>	2,200	0	12,000	0	6,400	55,800	800	700	77,900
	Total	2,202	0	12,838	38,678	93,081	83,593	4,406	700	235,498
1987	Catch	35	0	1,006	47,991	85,533	14,213	6,659	9	155,446
	Escapement <sup>a</sup>	2,400	0	55,400	100	5,000	88,600	5,200	4,700	161,400
	Total	2,435	0	56,406	48,091	90,533	102,813	11,859	4,709	316,846
1988	Catch	0	11	4,800	47,828	73,696	75,821	12,634	0	214,790
	Escapement <sup>a</sup>	5,300	0	41,600	100	3,000	76,500	11,000	6,600	144,100
	Total	5,300	0	46,400	47,928	76,696	152,321	23,634	6,600	358,879
1989	Catch	27	55	1,150	16,919	40,158	66,042	5,018	1,881	131,250
	Escapement <sup>a</sup>	5,000	0	8,900	0	3,500	83,400	800	700	102,300
	Total	5,027	0	10,050	16,919	43,658	149,442	5,818	2,581	233,495
1990	Catch	99	0	269	7,741	26,917	57,534	2,163	818	95,541
	Escapement <sup>a</sup>	4,000	0	7,000	200 <sup>b</sup>	1,100	101,600	1,000 <sup>b</sup>	700	115,600
	Total	4,099	0	7,269	7,941 <sup>b</sup>	28,017	159,134	3,163 <sup>b</sup>	1,518	211,141
1991	Catch	219	0	445	20,807	72,786	23,554	7,374	3,353	128,538
	Escapement <sup>a</sup>	4,500	0	13,400	0	2,400 <sup>b</sup>	55,000	5,000 <sup>b</sup>	1,200	81,500
	Total	4,719	0	13,845	20,807	75,186 <sup>b</sup>	78,554	12,374 <sup>b</sup>	4,553	210,038
1992	Catch	355	0	1,183	29,345	62,229	135,874	7,738	160	236,884
	Escapement <sup>a</sup>	5,000	0	22,100	300	500	89,700	16,200	2,600	136,400
	Total	5,355	0	23,283	29,645	62,729	225,574	23,938	2,760	373,284
1993	Catch	162	0	58	2,400	30,528	47,569	4,533	1,313	86,563
	Escapement <sup>a</sup>	4,000 <sup>b</sup>	0	11,000 <sup>b</sup>	400 <sup>b</sup>	5,700	156,700	4,400	1,200	183,400
	Total	4,162 <sup>b</sup>	0	11,058 <sup>b</sup>	2,800 <sup>b</sup>	36,228	204,269	8,933	2,513	269,963

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Table 8.–Page 5 of 6.

Year		Cinder River	Outer Port Heiden	Inner Port Heiden	Three Hills & Ilnik	Bear River	Pt. Moller Bight, Herendeen-Moller Bay	Nelson Lagoon	Caribou Flats & Black Hills	Northern District Totals
1994	Catch	43	0	257	12,473	25,834	852	3,984	215	43,658
	Escapement <sup>a</sup>	24,400	0	30,000	300 <sup>b</sup>	4,000	163,600	5,500	3,000	230,800
	Total	24,443	0	30,257	12,773 <sup>b</sup>	29,834	164,452	9,484	3,215	274,458
1995	Catch	50	0	109	28,154	36,937	2,498	4,583	257	72,588
	Escapement <sup>a</sup>	13,900	0	91,800	1,100	2,200	230,600	5,200	3,000	347,800
	Total	13,950	0	91,909	29,254	39,137	233,098	9,783	3,257	420,388
1996	Catch	19	0	517	17,061	34,844	546	6,296	942	60,225
	Escapement <sup>a</sup>	25,000 <sup>b</sup>	0	50,000 <sup>b</sup>	0	4,000	353,200	3,600	600	436,400
	Total	25,019 <sup>b</sup>	0	50,517 <sup>b</sup>	17,061	38,844	353,746	9,896	1,542	496,625
1997	Catch	72	0	5	9,224	31,212	4,454	3,828	2,374	51,169
	Escapement <sup>a</sup>	30,500	0	61,000 <sup>b</sup>	500	5,000	60,200	1,100	2,700	161,000
	Total	30,572	0	61,005 <sup>b</sup>	9,724	36,212	64,654	4,928	5,074	212,169
1998	Catch	993	0	24	5,781	11,731	260	9,085	9,613	37,487
	Escapement <sup>a</sup>	55,000	0	35,900	4,300	24,500	250,800	9,000	900	380,400
	Total	55,993	0	35,924	10,081	36,231	251,060	18,085	10,513	417,887
1999	Catch	19	0	0	11,052	12,493	166	5,093	13,397	42,220
	Escapement <sup>a</sup>	4,900	0	32,000	1,000	5,300	251,600	4,000	700	299,500
	Total	4,919	0	32,000	12,052	17,793	251,766	9,093	14,097	341,720
2000	Catch	0	0	0	37,619	16,533	55	5,255	3,625	63,087
	Escapement <sup>a</sup>	17,800	0	42,100	2,400	7,600	252,000	15,000	2,000	338,900
	Total	17,800	0	42,100	40,019	24,133	252,055	20,255	5,625	401,987
2001	Catch	9	0	0	17,887	16,486	13,518	5,343	8,054	61,297
	Escapement <sup>a</sup>	5,600	0	38,000	2,400	8,000	203,200	26,000	2,700	285,900
	Total	5,609	0	38,000	20,287	24,486	216,718	31,343	10,754	347,197

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Table 8.–Page 6 of 6.

Year		Cinder River	Outer Port Heiden	Inner Port Heiden	Three Hills & Inik	Bear River	Pt. Moller Bight, Herendeen-Moller Bay	Nelson Lagoon	Caribou Flats & Black Hills	Northern District Totals
2002	Catch	0	0	104	6,564	13,452	110	6,849	2,122	29,201
	Escapement <sup>a</sup>	1,000	0	12,800	2,800	9,000	217,500	13,400	6,300	262,800
	Total	1,000	0	12,904	9,364	22,452	217,610	20,249	8,422	292,001
2003	Catch	0	0	0	5,870	5,898	1	7,320	3,089	22,178
	Escapement <sup>a</sup>	7,310	0	33,550	3,100	6,400	153,100	8,300	2,900	214,660
	Total	7,310	0	33,550	8,970	12,298	153,101	15,620	5,989	236,838
2004	Catch	0	0	0	2,278	2,727	0	2,810	665	8,480
	Escapement <sup>a</sup>	1,000	0	44,200	3,400	6,200	72,850	8,700	3,000	139,350
	Total	1,000	0	44,200	5,678	8,927	72,850	11,510	3,665	147,830
2005	Catch	0	0	0	1,602	3,272	0	3,770	271	8,915
	Escapement <sup>a</sup>	0	0	22,000	3,809	10,117	27,000	20,049	20,700	103,675
	Total	0	0	22,000	5,411	13,389	27,000	23,819	20,971	112,590
2006	Catch	0	0	2	46,021	31,780	5,059	7,702	1,766	92,330
	Escapement <sup>a</sup>	33,800	0	124,500	4,103	15,120	188,250	15,100	1,710	382,583
	Total	33,800	0	124,502	50,124	46,900	193,309	22,802	3,476	474,913
2007	Catch	0	7,560	0	38,752	29,508	0	8,123	1,060	85,003
	Escapement <sup>a</sup>	30,500	0	21,200	2,100	9,100	179,150	384	900	243,334
	Total	30,500	0	21,200	40,852	38,608	179,150	8,507	1,960	320,777
2008	Catch	0	2,594	0	6,537	3,201	40,722	3,321	16,849	73,224
	Escapement <sup>a</sup>	23,200	0	30,300	7,801	6,187	155,810	3,139	2,100	228,537
	Total	23,200	2,594	30,300	14,338	9,388	196,532	6,460	18,949	301,761
1998-2007 Average										
	Catch	102	756	13	17,343	14,388	1,917	6,135	4,366	45,020
	Escapement <sup>a</sup>	15,691	0	40,625	2,941	10,134	179,545	11,993	4,181	265,110
	Total	15,793	0	40,638	20,284	24,522	181,462	18,128	8,547	309,374

*Note:* catch numbers do not include test fish harvest or fish retained for personal use.

<sup>a</sup> Escapements are estimated totals.

<sup>b</sup> These figures are extrapolated estimates.

Table 9.–Northwestern District chum salmon runs in number of fish, 1962-2008.

Year		Izembek - Moffet Bay <sup>a</sup>	Bechevin, Swanson Lagoon & Urilia Bays <sup>a</sup>	Northwestern District Total <sup>b</sup>
1962	Catch	6,200	8,500	14,700
	Escapement <sup>c</sup>	68,000	48,000	116,500
	Total	74,200	57,000	131,200
1963	Catch	3,200	41,300	44,500
	Escapement <sup>c</sup>	133,500	22,300	155,800
	Total	136,700	63,600	200,300
1964	Catch	60,200	25,700	85,900
	Escapement <sup>c</sup>	95,500	16,000 <sup>d</sup>	111,500
	Total	155,700	41,700	197,400
1965	Catch	4,700	44,600	49,300
	Escapement <sup>c</sup>	24,000	1,800 <sup>d</sup>	25,800
	Total	28,700	46,400	75,100
1966	Catch	8,900	47,200	56,100
	Escapement <sup>c</sup>	54,000	10,000	64,000
	Total	62,900	57,200	120,100
1967	Catch	9,900	8,900	18,800
	Escapement <sup>c</sup>	32,800	15,400	48,200
	Total	42,700	24,300	67,000
1968	Catch	48,800	200	49,000
	Escapement <sup>c</sup>	142,700	19,800	162,500
	Total	191,500	20,000	211,500
1969	Catch	4,500	1,400	5,900
	Escapement <sup>c</sup>	95,300	8,000	103,300
	Total	99,800	9,400	109,200
1970	Catch	10,032	2,447	12,479
	Escapement <sup>c</sup>	58,100	5,600 <sup>d</sup>	63,700
	Total	68,132	8,047	76,179
1971	Catch	36,222	7,498	43,720
	Escapement <sup>c</sup>	54,100	5,900	60,000
	Total	90,322	13,398	103,720
1972	Catch	57,884	1,474	59,358
	Escapement <sup>c</sup>	65,800	11,200	77,000
	Total	123,684	12,674	136,358
1973	Catch	96,610	6,473	103,083
	Escapement <sup>c</sup>	68,100	7,500 <sup>d</sup>	75,600
	Total	164,710	13,973 <sup>d</sup>	178,683

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Table 9.–Page 2 of 5.

Year		Izembek - Moffet Bay <sup>a</sup>	Bechevin, Swanson Lagoon & Urilia Bays <sup>a</sup>	Northwestern District Total <sup>b</sup>
1974	Catch	11,302	3,079	14,381
	Escapement <sup>c</sup>	76,000	6,100 <sup>d</sup>	82,100
	Total	87,302	9,179	96,481
1975	Catch	3,362	515	3,877
	Escapement <sup>c</sup>	74,300	17,300	91,600
	Total	77,662	17,815	95,477
1976	Catch	38,094	7,901	45,995
	Escapement <sup>c</sup>	127,700	38,300	166,000
	Total	165,794	46,201	211,995
1977	Catch	20,344	22,590	42,934
	Escapement <sup>c</sup>	381,400	54,300	435,700
	Total	401,744	76,890	478,634
1978	Catch	82,316	48,334	130,650
	Escapement <sup>c</sup>	134,100	29,500	163,600
	Total	216,416	77,834	294,250
1979	Catch	17,825	12,515	30,340
	Escapement <sup>c</sup>	178,000	12,400	190,400
	Total	195,825	24,915	220,740
1980	Catch	282,516	84,995	367,511
	Escapement <sup>c</sup>	364,200	41,100	405,300
	Total	646,716	126,095	772,811
1981	Catch	296,440	59,056	355,496
	Escapement <sup>c</sup>	235,000	29,600	264,600
	Total	531,440	88,656	620,096
1982	Catch	57,450	37,669	95,119
	Escapement <sup>c</sup>	166,400	23,800	190,200
	Total	223,850	61,469	285,319
1983	Catch	154,767	13,929	169,626
	Escapement <sup>c</sup>	173,300	20,200	193,500
	Total	328,067	34,129	362,196
1984	Catch	102,692	79,763	182,455
	Escapement <sup>c</sup>	427,500	33,400	460,900
	Total	530,192	113,163	643,355
1985	Catch	126,644	116,483	243,127
	Escapement <sup>c</sup>	194,700	25,700	220,400
	Total	321,344	142,183	463,527

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Table 9.-Page 3 of 5.

Year		Izembek - Moffet Bay <sup>a</sup>	Bechevin, Swanson Lagoon & Urilia Bays <sup>a</sup>	Northwestern District Total <sup>b</sup>
1986	Catch	69,118	44,445	113,563
	Escapement <sup>c</sup>	142,400	23,300	165,700
	Total	211,518	67,745	279,263
1987	Catch	148,638	64,612	213,250
	Escapement <sup>c</sup>	286,000	55,500	341,500
	Total	434,638	120,112	554,750
1988	Catch	112,172	66,113	178,285
	Escapement <sup>c</sup>	304,400	51,800	356,200
	Total	416,572	117,913	534,485
1989	Catch	14,458	11,284	25,742
	Escapement <sup>c</sup>	90,600	19,400	110,000
	Total	105,058	30,684	135,742
1990	Catch	23,983	6,589	30,572
	Escapement <sup>c</sup>	92,500	18,400	110,900
	Total	116,483	24,989	141,472
1991	Catch	51,521	11,219	62,740
	Escapement <sup>c</sup>	172,400	49,400	221,800
	Total	223,921	60,619	284,540
1992	Catch	61,671	43,061	104,732
	Escapement <sup>c</sup>	182,200	33,100	215,300
	Total	243,871	76,161	320,032
1993	Catch	23,536	24,858	48,394
	Escapement <sup>c</sup>	172,900	46,100	219,000
	Total	196,436	70,958	267,394
1994	Catch	7,010	33,229	40,239
	Escapement <sup>c</sup>	140,500	108,900	249,400
	Total	147,510	142,129	289,639
1995	Catch	9,078	17,627	26,705
	Escapement <sup>c</sup>	88,300	320,000	408,300
	Total	97,378	337,627	435,005
1996	Catch	1,996	5,735	7,731
	Escapement <sup>c</sup>	278,200	108,500	386,700
	Total	280,196	114,235	394,431
1997	Catch	25,186	21,025	46,211
	Escapement <sup>c</sup>	179,500	47,700	227,200
	Total	204,686	68,725	273,411

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Table 9.–Page 4 of 5.

Year		Izembek - Moffet Bay <sup>a</sup>	Bechevin, Swanson Lagoon & Urilia Bays <sup>a</sup>	Northwestern District Total <sup>b</sup>
1998	Catch	13,242	18,787	32,029
	Escapement <sup>c</sup>	281,800	67,300	349,100
	Total	295,042	86,087	381,129
1999	Catch	0	7,900	7,900
	Escapement <sup>c</sup>	310,200	56,600	366,800
	Total	310,200	64,500	374,700
2000	Catch	3,631	26,978	30,609
	Escapement <sup>c</sup>	196,800	52,400	249,200
	Total	200,431	79,378	279,809
2001	Catch	74,419	38,807	113,226
	Escapement <sup>c</sup>	340,800	66,000	406,800
	Total	415,219	104,807	520,026
2002	Catch	13,793	8,046	21,839
	Escapement <sup>c</sup>	367,000	50,100	417,100
	Total	380,793	58,146	438,939
2003	Catch	9,868	6,709	16,577
	Escapement <sup>c</sup>	199,200	36,800	236,000
	Total	209,068	43,509	252,577
2004	Catch	5,353	1,125	6,478
	Escapement <sup>c</sup>	252,200	43,400	295,600
	Total	257,553	44,525	302,078
2005	Catch	27,810	5,807	33,617
	Escapement <sup>c</sup>	131,365	61,600	192,965
	Total	159,175	67,407	226,582
2006	Catch	27,414	11,974	39,388
	Escapement <sup>c</sup>	131,860	61,600	193,460
	Total	159,274	73,574	232,848
2007	Catch	68,310	27,696	96,006
	Escapement <sup>c</sup>	249,500	85,950	335,450
	Total	317,810	113,646	431,456

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Table 9.–Page 5 of 5.

Year		Izembek - Moffet Bay <sup>a</sup>	Bechevin, Swanson Lagoon & Urilia Bays <sup>a</sup>	Northwestern District Total <sup>b</sup>
2008	Catch	79,229	24,911	104,140
	Escapement <sup>c</sup>	117,700	58,850	176,550
	Total	196,929	83,761	280,690
<hr/>				
1998-2007 Average				
	Catch	24,384	15,383	39,767
	Escapement <sup>c</sup>	246,073	58,175	304,248
	Total	270,457	73,558	344,014

*Note:* catch numbers do not include test fish harvest or fish retained for personal use.

<sup>a</sup> Statistical area 31 1-58 was moved from the Bechevin Bay Section, to the Izembek-Moffet Bay Section in 2001.

<sup>b</sup> In 1983 only the Northwestern District catch includes a small harvest from the Dublin Bay Section.

<sup>c</sup> Escapements are rounded indexed totals.

<sup>d</sup> These figures are extrapolated estimates.

Table 10.–Chinook, pink, chum, and coho salmon daily and cumulative escapement counts through the Nelson River weir, 2008.

Date	Daily				Cumulative			
	Chinook	Pink	Chum	Coho	Chinook	Pink	Chum	Coho
14-Jun	10	0	0	0	10	0	0	0
15-Jun	6	0	0	0	16	0	0	0
16-Jun	21	0	0	0	37	0	0	0
17-Jun	9	0	0	0	46	0	0	0
18-Jun	5	0	0	0	51	0	0	0
19-Jun	92	0	0	0	143	0	0	0
20-Jun	161	0	0	0	304	0	0	0
21-Jun	141	0	0	0	445	0	0	0
22-Jun	96	0	0	0	541	0	0	0
23-Jun	84	0	0	0	625	0	0	0
24-Jun	90	0	0	0	715	0	0	0
25-Jun	33	0	0	0	748	0	0	0
26-Jun	95	0	0	0	843	0	0	0
27-Jun	130	0	0	0	973	0	0	0
28-Jun	52	0	0	0	1,025	0	0	0
29-Jun	59	1	0	0	1,084	1	0	0
30-Jun	111	1	1	0	1,195	2	1	0
1-Jul	111	1	4	0	1,306	3	5	0
2-Jul	158	0	2	0	1,464	3	7	0
3-Jul	98	1	0	0	1,562	4	7	0
4-Jul	63	1	3	0	1,625	5	10	0
5-Jul	56	1	2	0	1,681	6	12	0
6-Jul	87	0	2	0	1,768	6	14	0
7-Jul	215	21	16	0	1,983	27	30	0
8-Jul	116	10	5	0	2,099	37	35	0
9-Jul	97	13	6	0	2,196	50	41	0
10-Jul	50	7	2	0	2,246	57	43	0
11-Jul	20	4	1	0	2,266	61	44	0
12-Jul	26	4	5	0	2,292	65	49	0
13-Jul	15	2	5	0	2,307	67	54	0
14-Jul	278	14	17	0	2,585	81	71	0
15-Jul	64	11	23	0	2,649	92	94	0
16-Jul	352	16	105	0	3,001	108	199	0
17-Jul	31	3	17	0	3,032	111	216	0
18-Jul	40	1	18	0	3,072	112	234	0
19-Jul	456	16	120	0	3,528	128	354	0
20-Jul	494	7	230	0	4,022	135	584	0
21-Jul	264	39	382	0	4,286	174	966	0
22-Jul	64	14	173	0	4,350	188	1,139	0
23-Jul	80	11	193	0	4,430	199	1,332	0
24-Jul	4	6	8	0	4,434	205	1,340	0
25-Jul	50	7	75	0	4,484	212	1,415	0
26-Jul	125	39	923	0	4,609	251	2,338	0
27-Jul	3	1	1	0	4,612	252	2,339	0

Table 11.—Chinook, pink, chum, and coho salmon daily and cumulative escapement counts through the Bear River weir, 2008.

Date	Daily				Cumulative			
	Chinook	Pink	Chum	Coho	Chinook	Pink	Chum	Coho
5-Jun to 29-Jun	0	0	0	0	0	0	1	0
30-Jun	1	0	0	0	1	0	1	0
1-Jul	0	0	0	0	1	0	1	0
2-Jul	1	0	0	0	2	0	1	0
3-Jul	0	0	0	0	2	0	1	0
4-Jul	1	0	0	0	3	0	1	0
5-Jul	0	0	0	0	3	0	1	0
6-Jul	0	0	0	0	3	0	1	0
7-Jul	2	1	0	0	5	1	1	0
8-Jul	0	1	0	0	5	2	1	0
9-Jul	1	1	0	0	6	3	1	0
10-Jul	0	4	0	0	6	7	1	0
11-Jul	1	4	0	0	7	11	1	0
12-Jul	1	12	0	0	8	23	1	0
13-Jul	0	1	0	0	8	24	1	0
14-Jul	2	3	0	0	10	27	1	0
15-Jul	4	2	0	0	14	29	1	0
16-Jul	1	3	0	0	15	32	1	0
17-Jul	0	2	0	0	15	34	1	0
18-Jul	0	12	0	0	15	46	1	0
19-Jul	1	8	0	0	16	54	1	0
20-Jul	2	5	0	0	18	59	1	0
21-Jul	0	1	0	0	18	60	1	0
22-Jul	1	17	0	0	19	77	1	0
23-Jul	0	17	0	0	19	94	1	0
24-Jul	1	11	0	0	20	105	1	0
25-Jul	0	17	0	0	20	122	1	0
26-Jul	0	10	0	0	20	132	1	0
27-Jul	1	22	0	0	21	154	1	0
28-Jul	0	0	0	0	21	154	1	0
29-Jul	0	14	0	0	21	168	1	0
30-Jul	2	20	0	0	23	188	1	0
31-Jul	0	6	1	0	23	194	2	0
1-Aug	0	8	2	0	23	202	4	0
2-Aug	0	22	1	0	23	224	5	0
3-Aug	0	19	3	0	23	243	8	0
4-Aug	8	37	8	0	31	280	16	0
5-Aug	5	40	1	0	36	320	17	0
6-Aug	3	21	1	0	39	341	18	0
7-Aug	4	77	5	0	43	418	23	0
8-Aug	2	38	4	0	45	456	27	0
9-Aug	2	89	2	0	47	545	29	0
10-Aug	4	88	4	0	51	633	33	0
11-Aug	2	92	3	0	53	725	36	0
12-Aug	0	12	3	0	53	737	39	0
13-Aug	0	2	1	0	53	739	40	0

Table 11.–Page 2 of 2.

Date	Daily				Cumulative			
	Chinook	Pink	Chum	Coho	Chinook	Pink	Chum	Coho
14-Aug	0	21	9	0	53	760	49	0
15-Aug	5	115	9	0	58	875	58	0
16-Aug	2	58	10	0	60	933	68	0
17-Aug	2	23	9	0	62	956	77	0
18-Aug	0	23	9	0	62	979	86	0
19-Aug	2	7	6	0	64	986	92	0
20-Aug	1	21	15	0	65	1,007	107	0
21-Aug	0	27	19	0	65	1,034	126	0
22-Aug	0	23	13	0	65	1,057	139	0
23-Aug	0	19	26	0	65	1,076	165	0
24-Aug	0	6	3	0	65	1,082	168	0
25-Aug	0	0	0	0	65	1,082	168	0

Table 12.—Chinook, pink, chum, and coho salmon daily and cumulative escapement counts through the Sandy River weir, 2008.

Date	Daily				Cumulative			
	Chinook	Pink	Chum	Coho	Chinook	Pink	Chum	Coho
14-Jun to 22-Jun	0	0	0	0	0	0	0	0
23-Jun	1	0	0	0	1	0	0	0
24-Jun	0	0	0	0	1	0	0	0
25-Jun	3	0	0	0	4	0	0	0
26-Jun	2	0	0	0	6	0	0	0
27-Jun	7	0	0	0	13	0	0	0
28-Jun	0	0	0	0	13	0	0	0
29-Jun	5	0	0	0	18	0	0	0
30-Jun	3	1	1	0	21	1	1	0
1-Jul	0	0	0	0	21	1	1	0
2-Jul	0	0	0	0	21	1	1	0
3-Jul	0	0	0	0	21	1	1	0
4-Jul	0	0	0	0	21	1	1	0
5-Jul	1	0	0	0	22	1	1	0
6-Jul	1	5	0	0	23	6	1	0
7-Jul	2	1	0	0	25	7	1	0
8-Jul	3	0	0	0	28	7	1	0
9-Jul	10	0	0	0	38	7	1	0
10-Jul	3	0	0	0	41	7	1	0
11-Jul	3	0	0	0	44	7	1	0
12-Jul	4	0	0	0	48	7	1	0
13-Jul	6	0	0	0	54	7	1	0
14-Jul	5	1	5	0	59	8	6	0
15-Jul	1	4	3	0	60	12	9	0
16-Jul	0	0	0	0	60	12	9	0
17-Jul	4	1	0	0	64	13	9	0
18-Jul	1	0	0	0	65	13	9	0
19-Jul	0	0	0	0	65	13	9	0
20-Jul	0	0	0	0	65	13	9	0
21-Jul	2	20	1	0	67	33	10	0
22-Jul	9	7	6	0	76	40	16	0
23-Jul	4	3	3	0	80	43	19	0
24-Jul	0	0	0	0	80	43	19	0

Table 13.–Chinook, pink, chum, and coho salmon daily and cumulative escapement counts through the Ilnik River weir, 2008.

Date	Daily				Cumulative			
	Chinook	Pink	Chum	Coho	Chinook	Pink	Chum	Coho
1-Jun to 25-Jun	0	0	0	0	0	0	0	0
26-Jun	1	0	0	0	1	0	0	0
27-Jun	0	0	0	0	1	0	0	0
28-Jun	1	0	0	0	2	0	0	0
29-Jun	1	0	0	0	3	0	0	0
30-Jun	1	1	0	0	4	1	0	0
1-Jul	0	8	0	0	4	9	0	0
2-Jul	0	0	0	0	4	9	0	0
3-Jul	0	0	0	0	4	9	0	0
4-Jul	2	9	0	0	6	18	0	0
5-Jul	4	3	0	0	10	21	0	0
6-Jul	1	6	0	0	11	27	0	0
7-Jul	0	9	0	0	11	36	0	0
8-Jul	1	5	0	0	12	41	0	0
9-Jul	0	6	0	0	12	47	0	0
10-Jul	2	5	0	0	14	52	0	0
11-Jul	0	4	0	0	14	56	0	0
12-Jul	0	9	0	0	14	65	0	0
13-Jul	0	4	0	0	14	69	0	0
14-Jul	0	1	0	0	14	70	0	0
15-Jul	0	25	0	0	14	95	0	0
16-Jul	0	9	0	0	14	104	0	0
17-Jul	0	5	0	0	14	109	0	0
18-Jul	1	5	0	0	15	114	0	0
19-Jul	0	2	1	1	15	116	1	1

Table 14.—Historical North Alaska Peninsula sockeye salmon escapements and escapement goals of weired systems, 1986-2008.

Year	Nelson River		Bear River		Sandy River		Ilnik River	
	Escapement <sup>a</sup>	Goal	Escapement	Goal	Escapement	Goal	Escapement <sup>b</sup>	Goal
1986			272,500					
1987			258,000					
1988			310,000					
1989	193,300		451,000					
1990	240,700		546,800					
1991	268,400		606,000				135,000	
1992	162,300		450,000				45,000	
1993	207,200		452,000	200,000			70,000	
1994	325,300		465,000	to	115,000		75,000	
1995	329,400	100,000	305,000	250,000	125,000		39,000	
1996	250,500	to	367,000		64,000		62,000	
1997	183,100	150,000	360,000		38,000		82,000	
1998	159,800		415,000		52,000		50,000	40,000
1999	202,067		350,000		58,000	40,000	75,000	to
2000	182,700		275,000		40,000	to	95,000	60,000
2001	201,962		300,000		51,000	60,000	58,000	
2002	315,693		275,000		49,000		43,000	
2003	343,511		366,000		66,000		69,000	
2004	480,097		435,000		32,000		82,000	
2005	303,000	97,000	554,000	293,000	101,000		154,000	
2006	215,000	to	445,000	to	48,000		88,000	
2007	180,000	219,000	431,000	488,000	44,700		93,000	
2008	141,600		321,000		32,200	34,000 to 74,000	44,300	
1998-2007 Average <sup>c</sup>	258,383		384,600		54,170		80,700	

<sup>a</sup> Does not include David or Caribou Rivers.

<sup>b</sup> In 2005-2008, the Ocean River did not flow into Ilnik Lagoon. The Ocean River escapement of 24,000 sockeye salmon was added to Ilnik R. weir count in 2005, 13,000 fish added in 2006, 14,000 in 2007, and 16,000 in 2008.

<sup>c</sup> Estimates are based on weir counts added to post weir escapement estimates. Only those years when weirs were present are included in the table.

Table 15.–Sockeye salmon daily and cumulative escapement counts through the Nelson River weir, 2008.

Date	Daily			Cumulative			Daily Percent		Cumulative Percent		
	Adults	Jacks	Total	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total
31-May to 13 Jun	0	0	0	0	0	0	-	-	0.0	0.0	0.0
14-Jun	21	0	21	21	0	21	100.0	0.0	0.0	0.0	0.0
15-Jun	18	1	19	39	1	40	-	-	0.0	0.1	0.0
16-Jun	338	4	342	377	5	382	-	-	0.3	0.5	0.3
17-Jun	162	1	163	539	6	545	99.4	0.6	0.4	0.7	0.4
18-Jun	470	1	471	1,009	7	1,016	99.8	0.2	0.8	0.8	0.8
19-Jun	3,948	8	3,956	4,957	15	4,972	99.8	0.2	3.7	1.6	3.7
20-Jun	2,896	10	2,906	7,853	25	7,878	99.7	0.3	5.8	2.7	5.8
21-Jun	1,715	13	1,728	9,568	38	9,606	99.2	0.8	7.1	4.1	7.1
22-Jun	1,276	7	1,283	10,844	45	10,889	99.5	0.5	8.1	4.9	8.0
23-Jun	2,236	24	2,260	13,080	69	13,149	98.9	1.1	9.7	7.5	9.7
24-Jun	2,802	24	2,826	15,882	93	15,975	99.2	0.8	11.8	10.1	11.8
25-Jun	2,577	5	2,582	18,459	98	18,557	99.8	0.2	13.7	10.7	13.7
26-Jun	4,018	19	4,037	22,477	117	22,594	99.5	0.5	16.7	12.7	16.7
27-Jun	4,328	12	4,340	26,805	129	26,934	99.7	0.3	19.9	14.1	19.9
28-Jun	4,306	21	4,327	31,111	150	31,261	99.5	0.5	23.1	16.3	23.1
29-Jun	5,007	19	5,026	36,118	169	36,287	99.6	0.4	26.8	18.4	26.8
30-Jun	10,260	42	10,302	46,378	211	46,589	99.6	0.4	34.5	23.0	34.4
1-Jul	7,091	34	7,125	53,469	245	53,714	99.5	0.5	39.7	26.7	39.7
2-Jul	7,052	24	7,076	60,521	269	60,790	99.7	0.3	45.0	29.3	44.9
3-Jul	7,027	18	7,045	67,548	287	67,835	99.7	0.3	50.2	31.3	50.1
4-Jul	5,055	16	5,071	72,603	303	72,906	99.7	0.3	54.0	33.0	53.8
5-Jul	6,186	28	6,214	78,789	331	79,120	99.5	0.5	58.6	36.1	58.4
6-Jul	3,403	23	3,426	82,192	354	82,546	99.3	0.7	61.1	38.6	60.9
7-Jul	12,941	103	13,044	95,133	457	95,590	99.2	0.8	70.7	49.8	70.6
8-Jul	3,642	30	3,672	98,775	487	99,262	99.2	0.8	73.4	53.1	73.3
9-Jul	2,362	27	2,389	101,137	514	101,651	98.9	1.1	75.2	56.0	75.0
10-Jul	3,683	29	3,712	104,820	543	105,363	99.2	0.8	77.9	59.2	77.8
11-Jul	3,438	27	3,465	108,258	570	108,828	99.2	0.8	80.5	62.1	80.3
12-Jul	3,813	44	3,857	112,071	614	112,685	98.9	1.1	83.3	66.9	83.2

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Table 15.–Page 2 of 2.

Date	Daily			Cumulative			Daily Percent		Cumulative Percent		
	Adults	Jacks	Total	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total
13-Jul	1,961	15	1,976	114,032	629	114,661	99.2	0.8	84.8	68.5	84.7
14-Jul	4,529	39	4,568	118,561	668	119,229	99.1	0.9	88.1	72.8	88.0
15-Jul	2,932	19	2,951	121,493	687	122,180	99.4	0.6	90.3	74.8	90.2
16-Jul	2,271	50	2,321	123,764	737	124,501	97.8	2.2	92.0	80.3	91.9
17-Jul	1,192	39	1,231	124,956	776	125,732	96.8	3.2	92.9	84.5	92.8
18-Jul	390	10	400	125,346	786	126,132	97.5	2.5	93.2	85.6	93.1
19-Jul	1,872	28	1,900	127,218	814	128,032	98.5	1.5	94.6	88.7	94.5
20-Jul	1,310	19	1,329	128,528	833	129,361	98.6	1.4	95.5	90.7	95.5
21-Jul	2,191	24	2,215	130,719	857	131,576	98.9	1.1	97.2	93.4	97.1
22-Jul	1,626	21	1,647	132,345	878	133,223	98.7	1.3	98.4	95.6	98.4
23-Jul	645	21	666	132,990	899	133,889	96.8	3.2	98.9	97.9	98.8
24-Jul	123	2	125	133,113	901	134,014	98.4	1.6	98.9	98.1	98.9
25-Jul	355	4	359	133,468	905	134,373	98.9	1.1	99.2	98.6	99.2
26-Jul	1,026	12	1,038	134,494	917	135,411	98.8	1.2	100.0	99.9	100.0
27-Jul	38	1	39	134,532	918	135,450	97.4	2.6	100.0	100.0	100.0
28-Jul	Weir removed										
Total	134,532	918	135,450								
<sup>a</sup> Post-weir sockeye escapement estimate:			6,150								
Estimated total sockeye escapement:			141,600								

<sup>a</sup> Post weir escapement estimates were determined using aerial surveys, commercial fishery performance, run timing indicators, effort levels, and weather conditions to provide a reasonable estimate of escapement levels after weir was removed.

Table 16.—Bear River sockeye salmon early and late-run escapement, late-run commercial catch, and total Bear River late run by year, 1986-2008.

Year	Early-Run Escapement <sup>a</sup>	Late-Run Escapement <sup>b</sup>	Late-Run Catch <sup>c</sup>	Late-Run Total <sup>d</sup>
1986	174,453	98,047	254,650	352,697
1987	168,683	89,317	47,251	136,568
1988	169,363	140,637	231,717	372,354
1989	246,196	204,804	324,994	529,798
1990	283,854	262,946	635,780	898,726
1991	432,087	173,913	634,393	808,306
1992	254,170	195,830	636,231	832,061
1993	254,012	197,988	761,993	959,981
1994	260,559	204,441	791,466	995,907
1995	197,039	107,961	1,150,246	1,258,207
1996	247,371	119,629	399,086	518,715
1997	214,689	145,311	399,917	545,228
1998	221,580	193,420	296,518	489,938
1999	222,110	127,890	637,917	765,807
2000	184,053	90,947	619,264	710,211
2001	177,495	122,505	353,358	475,863
2002	179,480	95,520	298,895	394,415
2003	226,201	139,799	192,067	331,866
2004	354,565	80,435	4,947	85,382
2005	332,248	221,752	423,762	645,514
2006	262,995	182,005	360,792	542,797
2007	206,233	224,767	718,983	943,750
2008	125,526	195,474	674,856	870,330
1998-2007 Average	236,696	147,904	390,650	538,554

*Note:* catch numbers do not include test fish harvest or fish retained for personal use.

<sup>a</sup> Bear River escapement prior to August 1.

<sup>b</sup> Bear River escapement post July 31, including post-weir estimate.

<sup>c</sup> Commercial catch from Port Moller Bight to Strogonof Point, post July 31.

<sup>d</sup> Bear River escapement with post-weir estimate, and Port Moller to Strogonof Point catch, post July 31.

Table 17.—Sockeye salmon daily and cumulative escapement counts through the Bear River weir, 2008.

Date	Daily			Cumulative			Daily Percent		Cumulative Percent		
	Adults	Jacks	Total	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total
3-Jun	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
4-Jun	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
5-Jun	1	0	1	1	0	1	100.0	0.0	0.0	0.0	0.0
6-Jun	1	0	1	2	0	2	100.0	0.0	0.0	0.0	0.0
7-Jun	1	0	1	3	0	3	100.0	0.0	0.0	0.0	0.0
8-Jun	0	0	0	3	0	3	0.0	0.0	0.0	0.0	0.0
9-Jun	3	0	3	6	0	6	100.0	0.0	0.0	0.0	0.0
10-Jun	12	0	12	18	0	18	100.0	0.0	0.0	0.0	0.0
11-Jun	13	0	13	31	0	31	100.0	0.0	0.0	0.0	0.0
12-Jun	16	0	16	47	0	47	100.0	0.0	0.0	0.0	0.0
13-Jun	22	0	22	69	0	69	100.0	0.0	0.0	0.0	0.0
14-Jun	17	0	17	86	0	86	100.0	0.0	0.0	0.0	0.0
15-Jun	18	0	18	104	0	104	100.0	0.0	0.0	0.0	0.0
16-Jun	54	0	54	158	0	158	100.0	0.0	0.1	0.0	0.1
17-Jun	65	1	66	223	1	224	98.5	1.5	0.1	0.0	0.1
18-Jun	221	1	222	444	2	446	99.5	0.5	0.2	0.0	0.2
19-Jun	76	0	76	520	2	522	100.0	0.0	0.2	0.0	0.2
20-Jun	131	1	132	651	3	654	99.2	0.8	0.2	0.0	0.2
21-Jun	84	1	85	735	4	739	98.8	1.2	0.3	0.1	0.3
22-Jun	169	7	176	904	11	915	96.0	4.0	0.3	0.2	0.3
23-Jun	1,890	38	1,928	2,794	49	2,843	98.0	2.0	1.0	0.7	1.0
24-Jun	884	10	894	3,678	59	3,737	98.9	1.1	1.3	0.9	1.3
25-Jun	731	11	742	4,409	70	4,479	98.5	1.5	1.6	1.1	1.6
26-Jun	690	10	700	5,099	80	5,179	98.6	1.4	1.8	1.2	1.8
27-Jun	1,289	31	1,320	6,388	111	6,499	97.7	2.3	2.3	1.7	2.3
28-Jun	1,075	41	1,116	7,463	152	7,615	96.3	3.7	2.7	2.3	2.7
29-Jun	1,982	29	2,011	9,445	181	9,626	98.6	1.4	3.4	2.7	3.4
30-Jun	5,708	97	5,805	15,153	278	15,431	98.3	1.7	5.5	4.2	5.5
1-Jul	3,403	68	3,471	18,556	346	18,902	98.0	2.0	6.7	5.2	6.7
2-Jul	3,036	47	3,083	21,592	393	21,985	98.5	1.5	7.8	5.9	7.8

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Table 17.—Page 2 of 3.

Date	Daily			Cumulative			Daily Percent		Cumulative Percent		
	Adults	Jacks	Total	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total
3-Jul	1,560	16	1,576	23,152	409	23,561	99.0	1.0	8.4	6.2	8.3
4-Jul	2,129	28	2,157	25,281	437	25,718	98.7	1.3	9.2	6.6	9.1
5-Jul	1,328	22	1,350	26,609	459	27,068	98.4	1.6	9.6	6.9	9.6
6-Jul	1,863	35	1,898	28,472	494	28,966	98.2	1.8	10.3	7.4	10.3
7-Jul	9,308	147	9,455	37,780	641	38,421	98.4	1.6	13.7	9.7	13.6
8-Jul	6,136	127	6,263	43,916	768	44,684	98.0	2.0	15.9	11.6	15.8
9-Jul	6,775	126	6,901	50,691	894	51,585	98.2	1.8	18.4	13.5	18.3
10-Jul	3,403	47	3,450	54,094	941	55,035	98.6	1.4	19.6	14.2	19.5
11-Jul	2,281	50	2,331	56,375	991	57,366	97.9	2.1	20.4	14.9	20.3
12-Jul	9,662	212	9,874	66,037	1,203	67,240	97.9	2.1	23.9	18.1	23.8
13-Jul	3,298	46	3,344	69,335	1,249	70,584	98.6	1.4	25.1	18.8	25.0
14-Jul	4,173	89	4,262	73,508	1,338	74,846	97.9	2.1	26.6	20.2	26.5
15-Jul	11,149	107	11,256	84,657	1,445	86,102	99.0	1.0	30.7	21.8	30.5
16-Jul	4,918	89	5,007	89,575	1,534	91,109	98.2	1.8	32.5	23.1	32.2
17-Jul	1,874	28	1,902	91,449	1,562	93,011	98.5	1.5	33.1	23.6	32.9
18-Jul	3,509	73	3,582	94,958	1,635	96,593	98.0	2.0	34.4	24.7	34.2
19-Jul	4,306	83	4,389	99,264	1,718	100,982	98.1	1.9	36.0	25.9	35.7
20-Jul	3,475	131	3,606	102,739	1,849	104,588	96.4	3.6	37.2	27.9	37.0
21-Jul	3,289	155	3,444	106,028	2,004	108,032	95.5	4.5	38.4	30.2	38.2
22-Jul	2,572	127	2,699	108,600	2,131	110,731	95.3	4.7	39.4	32.1	39.2
23-Jul	2,968	114	3,082	111,568	2,245	113,813	96.3	3.7	40.4	33.9	40.3
24-Jul	1,704	86	1,790	113,272	2,331	115,603	95.2	4.8	41.0	35.1	40.9
25-Jul	974	58	1,032	114,246	2,389	116,635	94.4	5.6	41.4	36.0	41.3
26-Jul	962	31	993	115,208	2,420	117,628	96.9	3.1	41.7	36.5	41.6
27-Jul	1,983	60	2,043	117,191	2,480	119,671	97.1	2.9	42.5	37.4	42.3
28-Jul	1,175	75	1,250	118,366	2,555	120,921	94.0	6.0	42.9	38.5	42.8
29-Jul	1,643	62	1,705	120,009	2,617	122,626	96.4	3.6	43.5	39.5	43.4
30-Jul	1,556	51	1,607	121,565	2,668	124,233	96.8	3.2	44.1	40.2	44.0
31-Jul	1,271	22	1,293	122,836	2,690	125,526	98.3	1.7	44.5	40.6	44.4
1-Aug	796	46	842	123,632	2,736	126,368	94.5	5.5	44.8	41.3	44.7
2-Aug	1,569	86	1,655	125,201	2,822	128,023	94.8	5.2	45.4	42.6	45.3
3-Aug	2,400	124	2,524	127,601	2,946	130,547	95.1	4.9	46.2	44.4	46.2

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Table 17.—Page 3 of 3.

Date	Daily			Cumulative			Daily Percent		Cumulative Percent		
	Adults	Jacks	Total	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total
4-Aug	4,391	111	4,502	131,992	3,057	135,049	97.5	2.5	47.8	46.1	47.8
5-Aug	3,688	189	3,877	135,680	3,246	138,926	95.1	4.9	49.2	48.9	49.2
6-Aug	3,571	200	3,771	139,251	3,446	142,697	94.7	5.3	50.5	52.0	50.5
7-Aug	7,238	216	7,454	146,489	3,662	150,151	97.1	2.9	53.1	55.2	53.1
8-Aug	6,513	246	6,759	153,002	3,908	156,910	96.4	3.6	55.4	58.9	55.5
9-Aug	14,434	381	14,815	167,436	4,289	171,725	97.4	2.6	60.7	64.7	60.8
10-Aug	12,466	316	12,782	179,902	4,605	184,507	97.5	2.5	65.2	69.4	65.3
11-Aug	23,534	343	23,877	203,436	4,948	208,384	98.6	1.4	73.7	74.6	73.7
12-Aug	4,932	68	5,000	208,368	5,016	213,384	98.6	1.4	75.5	75.6	75.5
13-Aug	788	27	815	209,156	5,043	214,199	96.7	3.3	75.8	76.0	75.8
14-Aug	10,068	195	10,263	219,224	5,238	224,462	98.1	1.9	79.4	79.0	79.4
15-Aug	24,610	437	25,047	243,834	5,675	249,509	98.3	1.7	88.4	85.6	88.3
16-Aug	9,826	190	10,016	253,660	5,865	259,525	98.1	1.9	91.9	88.4	91.8
17-Aug	3,498	110	3,608	257,158	5,975	263,133	97.0	3.0	93.2	90.1	93.1
18-Aug	1,214	52	1,266	258,372	6,027	264,399	95.9	4.1	93.6	90.9	93.6
19-Aug	3,187	98	3,285	261,559	6,125	267,684	97.0	3.0	94.8	92.4	94.7
20-Aug	2,626	111	2,737	264,185	6,236	270,421	95.9	4.1	95.7	94.0	95.7
21-Aug	5,560	170	5,730	269,745	6,406	276,151	97.0	3.0	97.8	96.6	97.7
22-Aug	3,739	140	3,879	273,484	6,546	280,030	96.4	3.6	99.1	98.7	99.1
23-Aug	2,026	73	2,099	275,510	6,619	282,129	96.5	3.5	99.8	99.8	99.8
24-Aug	439	13	452	275,949	6,632	282,581	97.1	2.9	100.0	100.0	100.0
25-Aug	Weir removed										
Total	275,949	6,632	282,581								
Post Weir Escapement Estimate: <sup>a</sup>			38,419								
Estimated Total Escapement:			321,000								

<sup>a</sup> Post weir escapement estimates were determined using aerial surveys, commercial fishery performance, run timing indicators, effort levels, and weather conditions to provide a reasonable estimate of escapement levels after weir was removed.

Table 18.—Sockeye salmon daily and cumulative escapement counts through the Sandy River weir, 2008.

Date	Daily			Cumulative			Daily Percent		Cumulative Percent		
	Adults	Jacks	Total	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total
5-Jun to 13-Jun	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
14-Jun	6	0	6	6	0	6	100.0	0.0	0.0	0.0	0.0
15-Jun	12	0	12	18	0	18	100.0	0.0	0.1	0.0	0.1
16-Jun	30	0	30	48	0	48	100.0	0.0	0.2	0.0	0.2
17-Jun	11	0	11	59	0	59	100.0	0.0	0.2	0.0	0.2
18-Jun	102	16	118	161	16	177	86.4	13.6	0.6	4.6	0.6
19-Jun	34	6	40	195	22	217	85.0	15.0	0.7	6.3	0.7
20-Jun	140	8	148	335	30	365	94.6	5.4	1.1	8.5	1.2
21-Jun	291	7	298	626	37	663	97.7	2.3	2.1	10.5	2.2
22-Jun	145	3	148	771	40	811	98.0	2.0	2.6	11.4	2.7
23-Jun	1,232	24	1,256	2,003	64	2,067	98.1	1.9	6.9	18.2	7.0
24-Jun	32	1	33	2,035	65	2,100	97.0	3.0	7.0	18.5	7.1
25-Jun	344	6	350	2,379	71	2,450	98.3	1.7	8.1	20.2	8.3
26-Jun	425	8	433	2,804	79	2,883	98.2	1.8	9.6	22.5	9.7
27-Jun	894	6	900	3,698	85	3,783	99.3	0.7	12.7	24.2	12.8
28-Jun	948	14	962	4,646	99	4,745	98.5	1.5	15.9	28.2	16.0
29-Jun	4,710	47	4,757	9,356	146	9,502	99.0	1.0	32.0	41.6	32.1
30-Jun	975	3	978	10,331	149	10,480	99.7	0.3	35.3	42.5	35.4
1-Jul	31	0	31	10,362	149	10,511	100.0	0.0	35.4	42.5	35.5
2-Jul	1,385	15	1,400	11,747	164	11,911	98.9	1.1	40.2	46.7	40.3
3-Jul	792	6	798	12,539	170	12,709	99.2	0.8	42.9	48.4	43.0
4-Jul	1,065	12	1,077	13,604	182	13,786	98.9	1.1	46.5	51.9	46.6
5-Jul	1,459	7	1,466	15,063	189	15,252	99.5	0.5	51.5	53.8	51.6
6-Jul	1,520	12	1,532	16,583	201	16,784	99.2	0.8	56.7	57.3	56.7
7-Jul	2,688	28	2,716	19,271	229	19,500	99.0	1.0	65.9	65.2	65.9
8-Jul	1,285	7	1,292	20,556	236	20,792	99.5	0.5	70.3	67.2	70.3
9-Jul	1,004	20	1,024	21,560	256	21,816	98.0	2.0	73.8	72.9	73.7
10-Jul	1,395	8	1,403	22,955	264	23,219	99.4	0.6	78.5	75.2	78.5
11-Jul	916	6	922	23,871	270	24,141	99.3	0.7	81.7	76.9	81.6
12-Jul	680	6	686	24,551	276	24,827	99.1	0.9	84.0	78.6	83.9
13-Jul	1,247	12	1,259	25,798	288	26,086	99.0	1.0	88.3	82.1	88.2

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Table 18.—Page 2 of 2.

Date	Daily			Cumulative			Daily Percent		Cumulative Percent		
	Adults	Jacks	Total	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total
14-Jul	788	7	795	26,586	295	26,881	99.1	0.9	91.0	84.0	90.9
15-Jul	320	4	324	26,906	299	27,205	98.8	1.2	92.0	85.2	92.0
16-Jul	410	5	415	27,316	304	27,620	98.8	1.2	93.4	86.6	93.4
17-Jul	612	9	621	27,928	313	28,241	98.6	1.4	95.5	89.2	95.5
18-Jul	104	2	106	28,032	315	28,347	98.1	1.9	95.9	89.7	95.8
19-Jul	413	17	430	28,445	332	28,777	96.0	4.0	97.3	94.6	97.3
20-Jul	391	4	395	28,836	336	29,172	99.0	1.0	98.6	95.7	98.6
21-Jul	92	7	99	28,928	343	29,271	92.9	7.1	99.0	97.7	98.9
22-Jul	191	4	195	29,119	347	29,466	97.9	2.1	99.6	98.9	99.6
23-Jul	112	4	116	29,231	351	29,582	96.6	3.4	100.0	100.0	100.0
24-Jul	Weir removed										
Total	29,231	351	29,582								
Post Weir Sockeye Escapement Estimate			2,600								
Estimated Total Sockeye Escapement:			32,182								

<sup>a</sup> Post weir escapement estimates were determined using aerial surveys, commercial fishery performance, run timing indicators, effort levels, and weather conditions to provide a reasonable estimate of escapement levels after weir was removed.

Table 19.—Sockeye salmon daily and cumulative escapement counts through the Ilnik River weir, 2008.

Date	Daily			Cumulative			Daily Percent		Cumulative Percent		
	Adults	Jacks	Total	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total
31-May	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
1-Jun	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
2-Jun	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
3-Jun	24	0	24	24	0	24	100.0	0.0	0.1	0.0	0.1
4-Jun	0	0	0	24	0	24	0.0	0.0	0.1	0.0	0.1
5-Jun	0	0	0	24	0	24	0.0	0.0	0.1	0.0	0.1
6-Jun	0	0	0	24	0	24	0.0	0.0	0.1	0.0	0.1
7-Jun	0	0	0	24	0	24	0.0	0.0	0.1	0.0	0.1
8-Jun	0	0	0	24	0	24	0.0	0.0	0.1	0.0	0.1
9-Jun	0	0	0	24	0	24	0.0	0.0	0.1	0.0	0.1
10-Jun	2	0	2	26	0	26	100.0	0.0	0.1	0.0	0.1
11-Jun	4	0	4	30	0	30	100.0	0.0	0.1	0.0	0.1
12-Jun	25	2	27	55	2	57	92.6	7.4	0.2	2.3	0.2
13-Jun	112	2	114	167	4	171	98.2	1.8	0.6	4.5	0.6
14-Jun	60	0	60	227	4	231	100.0	0.0	0.8	4.5	0.9
15-Jun	207	0	207	434	4	438	100.0	0.0	1.6	4.5	1.6
16-Jun	494	2	496	928	6	934	99.6	0.4	3.4	6.8	3.5
17-Jun	1,681	10	1,691	2,609	16	2,625	99.4	0.6	9.7	18.2	9.7
18-Jun	450	2	452	3,059	18	3,077	99.6	0.4	11.4	20.5	11.4
19-Jun	799	2	801	3,858	20	3,878	99.8	0.2	14.3	22.7	14.4
20-Jun	446	0	446	4,304	20	4,324	100.0	0.0	16.0	22.7	16.0
21-Jun	996	4	1,000	5,300	24	5,324	99.6	0.4	19.7	27.3	19.7
22-Jun	323	1	324	5,623	25	5,648	99.7	0.3	20.9	28.4	20.9
23-Jun	456	3	459	6,079	28	6,107	99.3	0.7	22.6	31.8	22.6
24-Jun	1,196	6	1,202	7,275	34	7,309	99.5	0.5	27.0	38.6	27.1
25-Jun	803	4	807	8,078	38	8,116	99.5	0.5	30.0	43.2	30.1
26-Jun	1,506	4	1,510	9,584	42	9,626	99.7	0.3	35.6	47.7	35.7
27-Jun	2,714	3	2,717	12,298	45	12,343	99.9	0.1	45.7	51.1	45.7
28-Jun	806	0	806	13,104	45	13,149	100.0	0.0	48.7	51.1	48.7
29-Jun	2,080	5	2,085	15,184	50	15,234	99.8	0.2	56.4	56.8	56.4

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Table 19.–Page 2 of 2.

Date	Daily			Cumulative			Daily Percent		Cumulative Percent		
	Adults	Jacks	Total	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total
30-Jun	1,317	1	1,318	16,501	51	16,552	99.9	0.1	61.3	58.0	61.3
1-Jul	1,186	1	1,187	17,687	52	17,739	99.9	0.1	65.7	59.1	65.7
2-Jul	1,100	0	1,100	18,787	52	18,839	100.0	0.0	69.8	59.1	69.8
3-Jul	1,019	2	1,021	19,806	54	19,860	99.8	0.2	73.6	61.4	73.6
4-Jul	1,005	2	1,007	20,811	56	20,867	99.8	0.2	77.3	63.6	77.3
5-Jul	679	2	681	21,490	58	21,548	99.7	0.3	79.9	65.9	79.8
6-Jul	642	8	650	22,132	66	22,198	98.8	1.2	82.3	75.0	82.2
7-Jul	596	3	599	22,728	69	22,797	99.5	0.5	84.5	78.4	84.4
8-Jul	547	2	549	23,275	71	23,346	99.6	0.4	86.5	80.7	86.5
9-Jul	386	3	389	23,661	74	23,735	99.2	0.8	87.9	84.1	87.9
10-Jul	569	7	576	24,230	81	24,311	98.8	1.2	90.0	92.0	90.1
11-Jul	421	3	424	24,651	84	24,735	99.3	0.7	91.6	95.5	91.6
12-Jul	345	2	347	24,996	86	25,082	99.4	0.6	92.9	97.7	92.9
13-Jul	338	1	339	25,334	87	25,421	99.7	0.3	94.2	98.9	94.2
14-Jul	307	1	308	25,641	88	25,729	99.7	0.3	95.3	100.0	95.3
15-Jul	326	0	326	25,967	88	26,055	100.0	0.0	96.5	100.0	96.5
16-Jul	391	0	391	26,358	88	26,446	100.0	0.0	98.0	100.0	98.0
17-Jul	398	0	398	26,756	88	26,844	100.0	0.0	99.4	100.0	99.4
18-Jul	152	0	152	26,908	88	26,996	100.0	0.0	100.0	100.0	100.0
19-Jul	Weir removed										
Total	26,908	88	26,996								
Post Weir Sockeye Escapement											
Estimate: <sup>a</sup>			1,304								
Estimated Total Sockeye											
Escapement:			28,300								

<sup>a</sup> Post weir escapement estimates were determined using aerial surveys, commercial fishery performance, run timing indicators, effort levels, and weather conditions to provide a reasonable estimate of escapement levels after weir was removed.

Table 20.—North Peninsula salmon harvest by species and day, 2008.

Catch Date	Permits	Landings	Number of Fish				
			Chinook	Sockeye	Coho	Pink	Chum
Prior to 9-Jun	0	0	0	0	0	0	0
9-Jun	4	4	16	1,332	0	0	0
10-Jun	3	3	5	333	0	0	0
11-Jun	4	5	6	1,687	0	0	0
12-Jun to 15-Jun	a	a	a	a	a	a	a
16-Jun	11	11	33	3,526	0	0	0
17-Jun	13	13	40	3,966	0	0	0
18-Jun	14	14	46	4,036	0	0	0
19-Jun	13	13	44	3,116	0	0	0
18-Jun to 22-Jun	a	a	a	a	a	a	a
23-Jun	11	11	62	5,696	0	0	0
24-Jun	14	14	67	4,996	0	0	0
25-Jun	18	18	47	3,683	0	0	0
26-Jun	24	26	66	15,868	0	1	0
27-Jun	21	21	58	10,908	0	0	0
28-Jun to 29-Jun	a	a	a	a	a	a	a
30-Jun	76	76	63	50,538	0	4	491
1-Jul	88	121	85	109,945	0	2	136
2-Jul	128	189	156	166,681	0	0	609
3-Jul	116	147	158	108,145	0	3	360
4-Jul	136	239	177	176,638	0	0	470
5-Jul	52	53	44	28,435	0	0	28
6-Jul	a	a	a	a	a	a	a
7-Jul	127	198	127	118,407	0	0	3,823
8-Jul	140	179	93	116,903	2	1	2,740
9-Jul	125	158	80	100,095	8	0	569
10-Jul	136	149	125	94,237	12	4	1,084
11-Jul	137	157	73	67,854	10	0	1,237
12-Jul	22	22	14	5,317	0	0	0
13-Jul	a	a	a	a	a	a	a
14-Jul	107	115	25	32,848	13	1	854
15-Jul	82	90	24	28,183	0	0	1,250
16-Jul	23	23	8	3,443	0	0	1,889
17-Jul	21	21	6	5,730	5	150	188
18-Jul	11	11	1	3,192	1	0	185
19-Jul	b	b	b	b	b	b	b
20-Jul	b	b	b	b	b	b	b
21-Jul	22	22	6	4,073	117	3	2,046
22-Jul	29	30	7	9,143	149	367	3,549
23-Jul	31	33	15	9,709	226	2,308	5,482
24-Jul	24	25	0	3,776	38	1,101	29,477
25-Jul	13	13	0	316	5	1,207	19,978
26-Jul	4	6	0	21	0	0	6,655
27-Jul	b	b	b	b	b	b	b
28-Jul	33	33	1	3,787	601	1,141	15,760
29-Jul	25	25	0	2,339	225	286	12,684
30-Jul	14	15	0	1,246	252	449	7,297
31-Jul	18	18	1	3,075	453	22	5,870
1-Aug	a	a	a	a	a	a	a
2-Aug	b	b	b	b	b	b	b
3-Aug	a	a	a	a	a	a	a
4-Aug	19	21	1	1,320	463	253	4,092

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Table 20.–Page 2 of 2.

Catch Date	Permits	Landings	Number of Fish				
			Chinook	Sockeye	Coho	Pink	Chum
5-Aug	20	22	1	2,195	777	234	7,496
6-Aug	17	19	1	1,310	393	386	1,374
7-Aug	17	21	0	3,773	681	245	3,208
8-Aug	b	b	b	b	b	b	b
9-Aug	b	b	b	b	b	b	b
10-Aug	b	b	b	b	b	b	b
11-Aug	55	56	0	13,815	1,688	47	604
12-Aug	60	66	1	18,450	1,921	51	493
13-Aug	39	39	0	18,732	2,552	83	239
14-Aug	57	57	1	25,537	3,942	90	534
15-Aug	65	72	0	36,345	4,823	496	581
16-Aug	69	72	4	28,785	6,188	727	4,652
17-Aug	51	52	0	19,938	2,307	158	271
18-Aug	77	80	1	28,397	4,233	12	276
19-Aug	65	65	1	33,944	6,271	72	281
20-Aug	77	81	0	34,634	7,735	2,899	6,412
21-Aug	61	66	2	34,982	6,029	54	89
22-Aug	73	84	1	30,078	4,888	45	128
23-Aug	61	63	1	25,515	2,303	1,200	2,077
24-Aug	38	38	0	19,855	2,265	22	44
25-Aug	72	76	0	36,768	8,658	6	120
26-Aug	65	65	0	23,699	7,648	0	33
27-Aug	72	75	0	21,827	6,247	0	32
28-Aug	58	58	0	20,550	6,104	0	30
29-Aug	57	57	1	27,116	5,887	0	29
30-Aug	51	69	1	19,547	3,210	0	28
31-Aug	18	18	0	5,558	766	0	7
1-Sep	44	46	1	15,907	4,186	0	10
2-Sep	61	61	0	28,999	4,554	0	21
3-Sep	63	64	1	16,276	3,917	0	23
4-Sep	60	60	0	18,039	2,565	0	7
5-Sep	56	62	1	23,665	3,488	0	7
6-Sep	22	23	0	8,275	558	0	3
7-Sep	18	18	0	5,786	425	0	5
8-Sep	38	38	0	5,701	2,098	0	1
9-Sep	34	37	0	15,214	1,896	0	9
10-Sep	19	20	0	3,143	850	0	0
11-Sep	4	4	0	2,429	89	0	0
12-Sep	3	3	0	4,772	132	0	0
13-Sep	4	6	0	5,728	234	0	0
14-Sep to 16-Sep	a	a	a	a	a	a	a
17-Sep	b	b	b	b	b	b	b
18-Sep to 23-Sep	a	a	a	a	a	a	a
24-Sep	b	b	b	b	b	b	b
25-Sep	a	a	a	a	a	a	a
26-Sep	b	b	b	b	b	b	b
27-Sep to 28-Sep	a	a	a	a	a	a	a
29-Sep	b	b	b	b	b	b	b
Post 29-Sep	0	0	0	0	0	0	0
<b>Total</b>	<b>157</b>	<b>4,168</b>	<b>1,799</b>	<b>2,003,906</b>	<b>125,237</b>	<b>21,136</b>	<b>177,364</b>

Note: catch numbers do not include test fish harvest or fish retained for personal use.

<sup>a</sup> Fishery closed.

<sup>b</sup> Confidentiality requirements prohibit releasing this information.

Table 21.—North Peninsula salmon harvest by district, statistical area, and section, 2008.

Statistical		Number of Salmon					
Area	Section	Chinook	Sockeye	Coho	Pink	Chum	Total
<b><i>NORTHWESTERN DISTRICT</i></b>							
<b>311-32</b>	<b>Dublin Bay Section Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>311-32</b>	<b>Urilia Bay Section</b>	<b>5</b>	<b>41,319</b>	<b>0</b>	<b>105</b>	<b>1,525</b>	<b>42,954</b>
<b>311-52</b>	<b>Swanson Lagoon Section</b>	<b>1</b>	<b>565</b>	<b>0</b>	<b>57</b>	<b>3,574</b>	<b>4,197</b>
<b>311-60</b>	<b>Bechevin Bay Section</b>	<b>0</b>	<b>726</b>	<b>41</b>	<b>13,584</b>	<b>19,812</b>	<b>34,163</b>
311-58	Cape Krenitzen to Cape Glazenap	0	532	0	150	615	1,297
312-10	Cape Glazenap to Moffet Point	0	0	0	0	0	0
312-20	Izembek Lagoon	0	2,034	0	0	0	2,034
312-40	Moffet Bay	0	6,270	1	2,645	78,614	87,530
	<b>Izembek-Moffet Bay Section Total</b>	<b>0</b>	<b>8,836</b>	<b>1</b>	<b>2,795</b>	<b>79,229</b>	<b>90,861</b>
<b><i>NORTHWESTERN DISTRICT TOTAL</i></b>		<b>6</b>	<b>51,446</b>	<b>42</b>	<b>16,541</b>	<b>104,140</b>	<b>172,175</b>
<b><i>NORTHERN DISTRICT</i></b>							
<b>313-10</b>	<b>Black Hills Section</b>	<b>30</b>	<b>20,332</b>	<b>2,419</b>	<b>1,744</b>	<b>16,849</b>	<b>41,374</b>
<b>313-30</b>	<b>Nelson Lagoon Section</b>	<b>881</b>	<b>183,330</b>	<b>54,282</b>	<b>214</b>	<b>3,321</b>	<b>242,028</b>
<b>314-12</b>	<b>Port Moller Bight Section</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
314-20	Herendeen Bay	0	128	1	1,164	40,722	42,015
314-30	Moller Bay	0	0	0	0	0	0
	<b>Herendeen-Moller Bay Section Total</b>	<b>0</b>	<b>128</b>	<b>1</b>	<b>1,164</b>	<b>40,722</b>	<b>42,015</b>
315-11	Bear River	11	282,665	26,339	752	2,717	<b>312,484</b>
315-20	Muddy River	2	134,596	7,061	331	484	<b>142,474</b>
	<b>Bear River Section Total</b>	<b>13</b>	<b>417,261</b>	<b>33,400</b>	<b>1,083</b>	<b>3,201</b>	<b>454,958</b>
<b>316-10</b>	<b>Three Hills Section</b>	<b>1</b>	<b>123,344</b>	<b>10,646</b>	<b>212</b>	<b>340</b>	<b>134,543</b>
316-20	Outside Ilnik	279	348,585	11,416	57	4,590	364,927
316-22	Ilnik Lagoon	0	0	0	0	0	0
316-25	Strogonof Point	421	537,049	13,012	121	1,607	552,210
	<b>Ilnik Section Total</b>	<b>700</b>	<b>885,634</b>	<b>24,428</b>	<b>178</b>	<b>6,197</b>	<b>917,137</b>
<b>317-10</b>	<b>Outer Port Heiden Section</b>	<b>168</b>	<b>320,857</b>	<b>19</b>	<b>0</b>	<b>2,594</b>	<b>323,638</b>
<b>317-20</b>	<b>Inner Port Heiden Section</b>	<b>0</b>	<b>1,574</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,574</b>
<b>318-20</b>	<b>Cinder River Section</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b><i>NORTHERN DISTRICT TOTAL</i></b>		<b>1,793</b>	<b>1,952,460</b>	<b>125,195</b>	<b>4,595</b>	<b>73,224</b>	<b>2,157,267</b>
<b><i>NORTH PENINSULA TOTAL</i></b>		<b>1,799</b>	<b>2,003,906</b>	<b>125,237</b>	<b>21,136</b>	<b>177,364</b>	<b>2,329,442</b>

Note: catch numbers do not include test fish harvest or fish retained for personal use.

Table 22.--Northwestern District sockeye salmon runs (number of fish), 1962-2008.

Year		Izembek - Moffet Bay <sup>a</sup>	Dublin, Urilia, & Bechevin bays, & Swanson Lagoon <sup>a</sup>	Northwestern District Total <sup>b</sup>
1962	Catch	4,700	4,100	8,800
	Escapement <sup>c</sup>	27,000	24,000	51,000
	Total	31,700	28,100	59,800
1963	Catch	1,700	5,200	6,900
	Escapement <sup>c</sup>	40,000	14,000	54,000
	Total	41,700	19,200	60,900
1964	Catch	4,700	10,300	15,000
	Escapement <sup>c</sup>	50,000	20,000	70,000
	Total	54,700	30,300	85,000
1965	Catch	400	14,100	14,500
	Escapement <sup>c</sup>	7,000	6,900	13,900
	Total	7,400	21,000	28,400
1966	Catch	0	16,300	16,300
	Escapement <sup>c</sup>	7,500	12,400	19,900
	Total	7,500	28,700	36,200
1967	Catch	8,100	5,300	13,400
	Escapement <sup>c</sup>	9,000	5,800	14,800
	Total	17,100	11,100	28,200
1968	Catch	11,100	4,600	15,700
	Escapement <sup>c</sup>	10,000	7,800	17,800
	Total	21,100	12,400	33,500
1969	Catch	6,100	3,500	9,600
	Escapement <sup>c</sup>	14,000	39,500	53,500
	Total	20,100	43,000	63,100
1970	Catch	3,110	727	3,837
	Escapement <sup>c</sup>	7,000	35,000	42,000
	Total	10,110	35,727	45,837
1971	Catch	6,880	2,357	9,237
	Escapement <sup>c</sup>	4,000	30,000	34,000
	Total	10,880	32,357	43,237
1972	Catch	759	6,180	6,939
	Escapement <sup>c</sup>	5,000	4,800	9,800
	Total	5,759	10,980	16,739
1973	Catch	1,256	2,612	3,868
	Escapement <sup>c</sup>	2,000	5,000	7,000
	Total	3,256	7,612	10,868

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Table 22.—Page 2 of 4.

Year		Izembek - Moffet Bay <sup>a</sup>	Dublin, Urilia, & Bechevin bays, & Swanson Lagoon <sup>a</sup>	Northwestern District Total <sup>b</sup>
1974	Catch	4,789	3,693	8,482
	Escapement <sup>c</sup>	4,000	3,300	7,300
	Total	8,789	6,993	15,782
1975	Catch	1,503	1,451	2,954
	Escapement <sup>c</sup>	7,000	12,300	19,300
	Total	8,503	13,751	22,254
1976	Catch	19,036	1,708	20,744
	Escapement <sup>c</sup>	14,000	21,500	35,500
	Total	33,036	23,208	56,244
1977	Catch	3,091	31,509	34,600
	Escapement <sup>c</sup>	26,500	28,600	55,100
	Total	29,591	60,109	89,700
1978	Catch	15,601	24,464	40,065
	Escapement <sup>c</sup>	17,000	28,000	45,000
	Total	32,601	52,464	85,065
1979	Catch	10,807	63,090	73,897
	Escapement <sup>c</sup>	9,000	33,700	42,700
	Total	19,807	96,790	116,597
1980	Catch	34,208	15,162	49,370
	Escapement <sup>c</sup>	11,500	90,100	101,600
	Total	45,708	105,262	150,970
1981	Catch	30,943	20,077	51,020
	Escapement <sup>c</sup>	12,000	60,700	72,700
	Total	42,943	80,777	123,720
1982	Catch	24,482	9,258	33,740
	Escapement <sup>c</sup>	21,500	29,300	50,800
	Total	45,982	38,558	84,540
1983	Catch	15,192	12,533	29,455
	Escapement <sup>c</sup>	18,500	14,200	32,700
	Total	33,692	26,733	62,155
1984	Catch	4,692	197,047	201,739
	Escapement <sup>c</sup>	19,100	70,300	89,400
	Total	23,792	267,347	291,139
1985	Catch	6,163	76,956	83,119
	Escapement <sup>c</sup>	17,200	29,500	46,700
	Total	23,363	106,456	129,819

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Table 22.–Page 3 of 4.

Year		Izembek - Moffet Bay <sup>a</sup>	Dublin, Urilia, & Bechevin bays, & Swanson Lagoon <sup>a</sup>	Northwestern District Total <sup>b</sup>
1986	Catch	19,051	139,238	158,289
	Escapement <sup>c</sup>	15,700	45,700	61,400
	Total	34,751	184,938	219,689
1987	Catch	6,475	137,866	144,341
	Escapement <sup>c</sup>	13,600	36,300	49,900
	Total	20,075	174,166	194,241
1988	Catch	11,468	66,983	78,451
	Escapement <sup>c</sup>	17,300	35,600	52,900
	Total	28,768	102,583	131,351
1989	Catch	8,610	43,980	52,590
	Escapement <sup>c</sup>	22,500	58,100	80,600
	Total	31,110	102,080	133,190
1990	Catch	39,428	118,592	158,020
	Escapement <sup>c</sup>	33,700	83,100	116,800
	Total	73,128	201,692	274,820
1991	Catch	24,500	156,727	181,227
	Escapement <sup>c</sup>	51,600	86,700	138,300
	Total	76,100	243,427	319,527
1992	Catch	21,542	57,507	79,049
	Escapement <sup>c</sup>	53,300	46,900	100,200
	Total	74,842	104,407	179,249
1993	Catch	30,109	38,274	68,383
	Escapement <sup>c</sup>	34,400	40,000	74,400
	Total	64,509	78,274	142,783
1994	Catch	2,362	32,512	34,874
	Escapement <sup>c</sup>	39,500	48,200	87,700
	Total	41,862	80,712	122,574
1995	Catch	7,269	17,965	25,234
	Escapement <sup>c</sup>	7,500	54,800	62,300
	Total	14,769	72,765	87,534
1996	Catch	18,210	39,899	58,109
	Escapement <sup>c</sup>	45,900	36,900	82,800
	Total	64,110	76,799	140,909
1997	Catch	5,493	52,961	58,454
	Escapement <sup>c</sup>	26,500	42,300	68,800
	Total	31,993	95,261	127,254

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Table 22.–Page 4 of 4.

Year		Izembek - Moffet Bay <sup>a</sup>	Dublin, Uria, & Bechevin bays, & Swanson Lagoon <sup>a</sup>	Northwestern District Total <sup>b</sup>
1998	Catch	8,241	43,074	51,315
	Escapement <sup>c</sup>	38,800	45,300	84,100
	Total	47,041	88,374	135,415
1999	Catch	4,387	119,148	123,535
	Escapement <sup>c</sup>	31,600	57,100	88,700
	Total	35,987	176,248	212,235
2000	Catch	1,638	100,808	102,446
	Escapement <sup>c</sup>	24,800	60,500	85,300
	Total	26,438	161,308	187,746
2001	Catch	10,270	40,474	50,744
	Escapement <sup>c</sup>	49,500	51,500	101,000
	Total	59,770	91,974	151,744
2002	Catch	37,528	45,314	82,842
	Escapement <sup>c</sup>	49,000	60,500	109,500
	Total	86,528	105,814	192,342
2003	Catch	16,338	46,830	63,168
	Escapement <sup>c</sup>	58,000	79,600	137,600
	Total	74,338	126,430	200,768
2004	Catch	23,629	74,790	98,419
	Escapement <sup>c</sup>	68,300	118,630	186,930
	Total	91,929	193,420	285,349
2005	Catch	61,082	113,463	174,545
	Escapement <sup>c</sup>	61,388	75,400	136,788
	Total	122,470	188,863	311,333
2006	Catch	24,712	37,804	62,516
	Escapement <sup>c</sup>	41,195	53,311	94,506
	Total	65,907	91,115	157,022
2007	Catch	22,536	26,857	49,393
	Escapement <sup>c</sup>	32,600	59,550	92,150
	Total	55,136	86,407	141,543
2008	Catch	8,836	42,610	51,446
	Escapement <sup>c</sup>	46,600	127,200	173,800
	Total	55,436	169,810	225,246
1998-2007	Catch	21,036	64,856	85,892
Average	Escapement <sup>c</sup>	45,518	66,139	111,657
	Total	66,554	130,995	197,550

*Note:* catch numbers do not include test fish harvest or fish retained for personal use.

<sup>a</sup> Statistical area 311-58 was moved from the Bechevin Bay Section, to the Izembek-Moffet Bay Section in 2001.

<sup>b</sup> In 1983 only the Northwestern District catch includes a small harvest from the Dublin Bay Section.

<sup>c</sup> Escapements are estimated totals.

Table 23.–Emergency order summary for the North Peninsula salmon fishery, 2008.

E.O.#	Issued	Effective	Action Taken
CB-01	2:00 PM 6/23/08	6:00 AM 6/25/08	<u>Allows</u> a 60-hour commercial salmon fishing period, from 6:00 AM Wednesday, June 25 until 6:00 PM Friday, June 27 in the Urilia Bay Section of the Northwestern District.
CB-02	8:30 PM 6/28/08	6:00 AM 6/30/08	<u>Allows</u> an 84-hour commercial salmon fishing period, from 6:00 AM Monday, June 30 until 6:00 PM Thursday, July 3 in the Urilia Bay Section of the Northwestern District.
PM-01	8:00 PM 6/15/08	6:00 AM 6/16/08	Closes commercial salmon fishing in the Port Moller Bight and Bear River sections along with the Ilnik Lagoon portion of the Ilnik Section until further notice.
PM-02	8:00 PM 6/22/08	6:00 AM 6/23/08	Closes commercial salmon fishing in the Three Hills, Ilnik, and Outer Port Heiden sections from 6:00 am, Monday, June 23 until further notice.
PM-03	9:00 AM 6/26/08	11:59 PM 6/26/08	Extends the Nelson Lagoon Section 24-hours to commercial salmon fishing from 11:59 pm Thursday, June 26 until 11:59 pm Friday, June 27.
PM-04	3:00 PM 6/29/08	6:00 PM 6/30/08	Opens commercial salmon fishing in the Ilnik and Outer Port Heiden sections for 60-hours from 6:00 p.m. Monday, June 30 until 6:00 a.m. Thursday, July 3.
CB-03	11:30 AM 7/2/08	6:00 PM 7/3/08	<u>Extends</u> the current commercial salmon fishing period for 24-hours from 6:00 PM Thursday, July 3 until 6:00 PM Friday, July 4 in the Urilia Bay Section of the Northwestern District.
PM-05	8:00 PM 7/2/08	6:00 AM 7/3/08	<u>Extends</u> the current commercial salmon fishing period for 48-hours from 6:00 AM Thursday, July 3 until 6:00 AM Friday, July 4 in the Ilnik Section.
PM-06	9:00 AM 7/3/08	11:59 PM 7/3/08	<u>Extends</u> the current commercial salmon fishing period for 48-hours in the Nelson Lagoon Section from 11:59 PM Thursday, July 3 until 11:59 PM Saturday, July 5.
CB-04	6:00 PM 7/5/08	6:00 AM 7/16/08	<u>Allows</u> an 84-hour commercial salmon fishing period from 6:00 AM Monday, July 7 until 6:00 PM Thursday, July 10 in the Urilia Bay Section of the Northwestern District.
PM-07	8:00 PM 7/6/08	6:00 AM 7/7/08	<u>Allows</u> a 60-hour commercial salmon fishing period from 6:00 AM Monday, July 7 until 6:00 PM Wednesday, July 9 in the Ilnik and Outer Port Heiden sections.

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Table 23.–Page 2 of 5.

E.O.#	Issued	Effective	Action Taken
PM-08	9:00 AM 7/9/08	6:00 PM 7/9/08	<u>Extends</u> the commercial salmon fishing period in the Ilnik Section 48-hours from 6:00 PM Wednesday, July 9 until 6:00 PM Friday, July 11.
CB-06	3:00 PM 7/9/08	6:00 PM 7/10/08	<u>Extends</u> the current commercial salmon fishing period for 24-hours from 6:00 PM Thursday, July 10 until 6:00 PM Friday, July 11 in the Urilia Bay Section of the Northwestern District.
PM-09	9:00 AM 7/10/08	11:59 PM 7/10/08	<u>Extends</u> the current commercial salmon fishing period for 48-hours in the Nelson Lagoon Section from 11:59 PM Thursday, July 10 until 11:59 PM Saturday, July 12.
CB-08	9:00 AM 7/13/08	6:00 AM 7/14/08	<u>Allows</u> an 84-hour commercial salmon fishing period from 6:00 AM Monday, July 14 until 6:00 PM Thursday, July 17 in the Urilia Bay Section of the Northwestern District.
PM-10	8:00 PM 7/13/08	6:00 AM 7/14/08	<u>Closes</u> the Ilnik Section to commercial salmon fishing from 6:00 AM Monday, July 14 until further notice. The Outer Port Heiden Section will reopen to commercial salmon fishing from 6:00 AM Monday, July 14 until 6:00 PM Tuesday, July 15.
PM-11	9:00 AM 7/15/08	6:00 PM 7/15/08	<u>Closes</u> the Outer Port Heiden Section to commercial salmon fishing from 6:00 PM Tuesday, July 15 until further notice.
CB-12	5:00 PM 7/16/08	6:00 PM 7/17/08	<u>Extends</u> the current commercial salmon fishing period for 24 hours from 6:00 PM Thursday, July 17 until 6:00 PM Friday, July 18 in the Urilia Bay Section of the Northwestern District.
PM-12	9:00 AM 7/17/08	11:59 PM 7/17/08	<u>Extends</u> the current commercial salmon fishing period for 24-hours in the Nelson Lagoon Section from 11:59 PM Thursday, July 17 until 11:59 PM Saturday, July 18.
CB-13	10:00 AM 7/17/08	6:00 PM 7/17/08	<u>Extends</u> the current commercial salmon fishing period for 24 hours from 6:00 PM Thursday, July 17 until 6:00 PM Friday, July 18 in the Izembek-Moffet Bay Section of the Northwestern District.
CB-14	9:30 AM 7/18/08	6:00 AM 7/19/08	<u>Allows</u> a 36-hour commercial salmon fishing period from 6:00 AM Saturday, July 19 until 6:00 PM Sunday, July 20 in the Bechevin Bay section of the Northwestern District.
CB-17	11:30 AM 7/20/08	6:00 AM 7/21/08	<u>Allows</u> an 84-hour commercial salmon fishing period from 6:00 AM Monday, July 21 until 6:00 PM Thursday, July 24 in the Urilia Bay Section of the Northwestern District.

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Table 23.–Page 3 of 5.

E.O.#	Issued	Effective	Action Taken
PM-13	2:30 PM 7/23/08	9:00 PM 7/23/08	<u>Opens</u> the waters of Herendeen Bay north of 55° 44.90' N. lat. and west of a line from Point Divide at 160° 47.55' W. long. to commercial salmon fishing from 9:00 PM Wednesday, July 23 until 9:00 PM Friday, July 25.
CB-21	11:00 AM 7/24/08	6:00 PM 7/24/08	<u>Extends</u> the current commercial salmon fishing period for 24 hours from 6:00 PM Thursday, July 24 until 6:00 PM Friday, July 25 in the Uria Bay and Izembek-Moffet Bay sections of the Northwestern District.
PM-14	9:00 AM 7/25/08	9:00 PM 7/25/08	<u>Extends</u> the commercial salmon fishing period in the waters of Herendeen Bay north of 55° 44.90' N. lat. and west of a line from Point Divide at 160° 47.55' W. long. to commercial salmon fishing for 24-hours from 9:00 PM Friday, July 25 until 9:00 PM Saturday, July 26.
PM-15	11:30 AM 7/26/08	9:00 PM 7/26/08	<u>Extends</u> the commercial salmon fishing period for 24-hours in the waters of Herendeen Bay north of 55° 44.90' N. lat. and west of a line from Point Divide at 160° 47.55' W. long. to commercial salmon fishing from 9:00 PM Wednesday, July 23 until 9:00 PM Friday, July 25.
CB-23	9:00 AM 7/27/08	6:00 AM 7/28/08	<u>Allows</u> an 84-hour commercial salmon fishing period from 6:00 AM Monday, July 28 until 6:00 PM Thursday, July 31 in the Uria Bay Section of the Northwestern District.
CB-29	2:45 PM 8/2/08	6:00 AM 8/4/08	<u>Allows</u> an 84-hour commercial salmon fishing period from 6:00 AM Monday, August 4 until 6:00 PM Thursday, August 7 in the Uria Bay Section of the Northwestern District.
CB-32	9:45 AM 8/7/08	6:00 PM 8/7/08	<u>Extends</u> the current commercial salmon fishing period for 48 hours from 6:00 PM Thursday, August 7 until 6:00 PM Saturday, August 9 in the Izembek-Moffet Bay and Bechevin Bay sections of the Northwestern District.
PM-16	8:00 PM 8/9/08	6:00 PM 8/10/08	<u>Opens</u> that portion of the Bear River Section located southwest of the southern 1,000 yard regulatory marker at King Salmon River, as well as opens the Port Moller Bight, Three Hills, and Ilnik sections to commercial salmon fishing from 6:00 PM Sunday, August 10 until 6:00 PM Thursday, August 14.

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Table 23.–Page 4 of 5.

E.O.#	Issued	Effective	Action Taken
CB-34	9:30 AM 8/10/08	6:00 AM 8/11/08	<u>Allows</u> an 84-hour commercial salmon fishing period from 6:00 AM Monday, August 11 until 6:00 PM Thursday, August 14 in the Uria Bay Section of the Northwestern District.
PM-17	8:00 PM 8/11/08	6:00 AM 8/12/08	<u>Opens</u> the entire Bear River Section to commercial salmon fishing from 6:00 AM Tuesday, August 12 until further notice. Commercial salmon fishing will not be permitted within 1,000 yards of the stream terminus at the ocean shoreline of the Bear River from 6:00 AM Tuesday, August 12 until further notice.
PM-18	9:00 AM 8/14/08	6:00 PM 8/14/08	<u>Extends</u> the commercial salmon fishing period in the Nelson Lagoon Section 48-hours from 11:59 PM Thursday, August 14 until 11:59 PM Saturday, August 16. Commercial salmon fishing is also extended 168-hours in the Port Moller Bight, Bear River, Three Hills, and Ilnik sections from 6:00 PM Thursday, August 14 until 6:00 PM Thursday, August 21.
CB-36	11:30 AM 8/19/08	8:00 AM 8/20/08	<u>Allows</u> an 84-hour commercial salmon fishing period from 8:00 AM Wednesday, August 20 until 9:00 PM Saturday, August 23 in the Northwestern District.
PM-19	8:00 AM 8/20/08	11:59 PM 8/20/08	<u>Extends</u> the commercial salmon fishing period in the Nelson Lagoon Section 48-hours from 11:59 PM Wednesday, August 20 until 11:59 PM Friday, August 22.
PM-20	8:30 AM 8/21/08	6:00 PM 8/21/08	<u>Extends</u> the current commercial salmon fishing period in the Port Moller Bight, Bear River, and Three Hills sections from 6:00 PM Thursday, August 21 until 11:59 PM Tuesday, September 30.
PM-21	9:30 AM 8/23/08	6:00 AM 8/24/08	<u>Opens</u> the Cinder River to commercial salmon fishing from 6:00 AM Sunday, August 24 until 6:00 PM Wednesday, August 27.
PM-22	9:00 AM 8/27/08	6:00 PM 8/27/08	<u>Extends</u> the commercial salmon fishing period in the Nelson Lagoon Section 48-hours from 11:59 PM Wednesday, August 27 until 11:59 PM Friday, August 29. The Ilnik Section will remain open to commercial salmon fishing for 48-hours from 6:00 PM Wednesday, August 27 until 6:00 PM Friday, August 29.
PM-23	9:00 AM 9/3/08	6:00 PM 9/3/08	<u>Extends</u> the commercial salmon fishing period in the Nelson Lagoon Section 48-hours from 11:59 PM Wednesday, September 3 until 11:59 PM Friday, September 5. The Ilnik Section will remain open to commercial salmon fishing for 48-hours from 6:00 PM Wednesday, September 3 until 6:00 PM Friday, September 5.

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Table 23.–Page 5 of 5.

E.O.#	Issued	Effective	Action Taken
PM-24	4:30 PM 9/3/08	6:00 PM 9/3/08	<u>Extends</u> the Cinder River to commercial salmon fishing for 24-hours from 6:00 AM Wednesday, September 3 until 6:00 PM Thursday, September 4.
PM-25	9:00 AM 9/9/08	6:00 PM 9/10/08	<u>Extends</u> the commercial salmon fishing period in the Nelson Lagoon Section 48-hours from 11:59 PM Wednesday, September 10 until 11:59 PM Friday, September 12. The Ilnik Section will remain open to commercial salmon fishing for 48-hours from 6:00 PM Wednesday, September 10 until 6:00 PM Friday, September 12.
PM-26	7:00 AM 9/11/08	6:00 AM 9/13/08	<u>Opens</u> the Cinder River to commercial salmon fishing for 108-hours from 6:00 AM Saturday, September 13 until 6:00 PM Wednesday, September 17.
PM-27	11:30 AM 9/25/08	6:00 PM 9/25/08	<u>Opens</u> the commercial salmon fishing period in the Nelson Lagoon Section 6-hours from noon Thursday, September 25 until 6:00 PM Thursday, September 25.

Table 24.—Nelson Lagoon Section salmon harvest by species and day, 2008.

Catch Date	Permits	Landings	Number of Fish				
			Chinook	Sockeye	Coho	Pink	Chum
9-Jun	4	4	16	1,332	0	0	0
10-Jun	3	3	5	333	0	0	0
11-Jun	4	5	6	1,687	0	0	0
12-Jun to 15-Jun	a	a	a	a	a	a	a
16-Jun	11	11	33	3,526	0	0	0
17-Jun	13	13	40	3,966	0	0	0
18-Jun	14	14	46	4,036	0	0	0
19-Jun	13	13	44	3,116	0	0	0
20-Jun to 22-Jun	a	a	a	a	a	a	a
23-Jun	11	11	62	5,696	0	0	0
24-Jun	14	14	67	4,996	0	0	0
25-Jun	18	18	47	3,683	0	0	0
26-Jun	22	24	66	7,562	0	1	0
27-Jun	21	21	58	10,908	0	0	0
28-Jun to 29-Jun	a	a	a	a	a	a	a
30-Jun	28	28	39	9,089	0	2	0
1-Jul	12	12	13	1,898	0	0	0
2-Jul	29	30	26	8,473	0	0	0
3-Jul	29	33	54	10,457	0	0	0
4-Jul	26	26	42	8,760	0	0	0
5-Jul	24	24	31	11,933	0	0	0
6-Jul	a	a	a	a	a	a	a
7-Jul	26	29	49	10,515	0	0	2
8-Jul	25	25	29	5,093	0	0	0
9-Jul	7	7	15	2,021	0	0	0
10-Jul	23	28	24	11,177	0	0	1
11-Jul	25	26	16	6,591	0	0	1
12-Jul	22	22	14	5,317	0	0	0
13-Jul	a	a	a	a	a	a	a
14-Jul	24	24	8	4,055	2	1	4
15-Jul	17	18	11	3,434	0	0	26
16-Jul	21	21	8	3,362	0	0	26
17-Jul	19	19	3	4,537	2	0	2
18-Jul	8	8	1	2,120	1	0	2
19-Jul to 20-Jul	a	a	a	a	a	a	a
21-Jul	16	16	4	2,204	26	3	57
22-Jul	18	19	2	2,656	54	10	74
23-Jul	17	17	1	1,996	66	4	72
24-Jul	12	12	0	1,090	13	3	42
25-Jul to 27-Jul	a	a	a	a	a	a	a
28-Jul	18	18	0	1,791	145	31	471
29-Jul	15	15	0	1,344	95	3	135
30-Jul	12	13	0	1,226	252	9	405
31-Jul	14	14	0	1,320	163	22	335
1-Aug to 3-Aug	a	a	a	a	a	a	a

-continued-

Table 24.–Page 2 of 2.

Catch Date	Permits	Landings	Number of Fish				
			Chinook	Sockeye	Coho	Pink	Chum
4-Aug	16	18	0	954	353	53	252
5-Aug	14	14	0	977	453	0	601
6-Aug	12	12	1	637	190	0	118
7-Aug	13	13	0	710	388	0	156
8-Aug to 10-Aug	<sup>a</sup>	<sup>a</sup>	<sup>a</sup>	<sup>a</sup>	<sup>a</sup>	<sup>a</sup>	<sup>a</sup>
11-Aug	12	12	0	596	838	0	120
12-Aug	14	14	0	601	1,006	0	72
13-Aug	11	11	0	423	824	0	30
14-Aug	14	14	0	595	1,671	0	94
15-Aug	13	13	0	551	1,778	72	50
16-Aug	15	15	0	803	2,609	0	69
17-Aug	<sup>a</sup>	<sup>a</sup>	<sup>a</sup>	<sup>a</sup>	<sup>a</sup>	<sup>a</sup>	<sup>a</sup>
18-Aug	17	17	0	409	1,688	0	21
19-Aug	15	15	0	354	2,304	0	41
20-Aug	17	17	0	568	2,639	0	19
21-Aug	15	15	0	351	1,709	0	3
22-Aug	13	13	0	264	1,525	0	9
23-Aug to 24-Aug	<sup>a</sup>	<sup>a</sup>	<sup>a</sup>	<sup>a</sup>	<sup>a</sup>	<sup>a</sup>	<sup>a</sup>
25-Aug	15	19	0	254	5,047	0	11
26-Aug	16	16	0	187	4,543	0	0
27-Aug	18	18	0	119	3,297	0	0
28-Aug	16	16	0	122	3,071	0	0
29-Aug	15	15	0	70	2,900	0	0
30-Aug to 31-Aug	<sup>a</sup>	<sup>a</sup>	<sup>a</sup>	<sup>a</sup>	<sup>a</sup>	<sup>a</sup>	<sup>a</sup>
1-Sep	17	18	0	104	3,037	0	0
2-Sep	16	16	0	42	2,397	0	0
3-Sep	18	19	0	33	2,149	0	0
4-Sep	14	14	0	0	1,318	0	0
5-Sep	16	16	0	305	2,030	0	0
6-Sep to 7-Sep	<sup>a</sup>	<sup>a</sup>	<sup>a</sup>	<sup>a</sup>	<sup>a</sup>	<sup>a</sup>	<sup>a</sup>
8-Sep	15	15	0	0	1,750	0	0
9-Sep	11	11	0	0	1,246	0	0
10-Sep	9	9	0	1	668	0	0
11-Sep to 28-Sep	<sup>a</sup>	<sup>a</sup>	<sup>a</sup>	<sup>a</sup>	<sup>a</sup>	<sup>a</sup>	<sup>a</sup>
29-Sep	<sup>b</sup>	<sup>b</sup>	<sup>b</sup>	<sup>b</sup>	<sup>b</sup>	<sup>b</sup>	<sup>b</sup>
<b>Total</b>	<b>36</b>	<b>1,071</b>	<b>881</b>	<b>183,330</b>	<b>54,282</b>	<b>214</b>	<b>3,321</b>

Note: catch numbers do not include test fish harvest or fish retained for personal use.

<sup>a</sup> Fishery closed.

<sup>b</sup> Confidentiality rules prohibit the release of this information.

Table 25.–Bear River Section salmon harvest by species and day, 2008.

Catch Date	Permits	Landings	Number of Fish				
			Chinook	Sockeye	Coho	Pink	Chum
Prior to 11-Aug	a	a	a	a	a	a	a
11-Aug	11	11	0	5,549	349	40	374
12-Aug	33	39	1	13,083	522	30	341
13-Aug	14	14	0	9,126	329	8	129
14-Aug	28	28	1	15,309	987	69	379
15-Aug	35	42	0	23,816	1,288	424	494
16-Aug	31	34	3	18,183	1,397	311	184
17-Aug	30	31	0	11,366	881	44	254
18-Aug	40	42	1	20,293	777	12	202
19-Aug	28	28	0	24,141	1,227	72	172
20-Aug	40	42	0	23,760	2,223	0	123
21-Aug	28	32	1	23,632	1,314	0	67
22-Aug	45	54	1	24,182	2,140	45	98
23-Aug	44	44	0	15,795	1,614	0	101
24-Aug	21	21	0	11,007	1,501	22	32
25-Aug	38	38	0	25,644	2,202	6	97
26-Aug	30	30	0	14,345	1,627	0	27
27-Aug	38	39	0	12,839	1,761	0	25
28-Aug	23	23	0	10,007	1,255	0	14
29-Aug	24	24	1	13,873	1,740	0	17
30-Aug	36	46	1	10,861	2,228	0	11
31-Aug	14	14	0	3,600	635	0	7
1-Sep	19	20	1	8,612	906	0	10
2-Sep	22	22	0	12,571	838	0	7
3-Sep	26	26	1	9,601	671	0	18
4-Sep	26	26	0	7,468	552	0	6
5-Sep	20	23	1	10,361	732	0	3
6-Sep	14	14	0	5,063	233	0	2
7-Sep	14	14	0	4,941	312	0	5
8-Sep	17	17	0	4,047	223	0	1
9-Sep	15	16	0	7,810	393	0	1
10-Sep	6	6	0	1,365	70	0	0
11-Sep	b	b	b	b	b	b	b
12-Sep	3	3	0	4,772	132	0	0
13-Sep	4	6	0	5,728	234	0	0
14-Sep to 16 Sep	a	a	a	a	a	a	a
17-Sep	b	b	b	b	b	b	b
18-Sep to 23-Sep	a	a	a	a	a	a	a
24-Sep	b	b	b	b	b	b	b
25-Sep	a	a	a	a	a	a	a
26-Sep	b	b	b	b	b	b	b
27 Sep to 28 Sep	a	a	a	a	a	a	a
29-Sep	b	b	b	b	b	b	b
Post 29- Sep	0	0	0	0	0	0	0
<b>Total</b>	<b>72</b>	<b>874</b>	<b>13</b>	<b>417,261</b>	<b>33,400</b>	<b>1,083</b>	<b>3,201</b>

Note: catch numbers do not include test fish harvest or fish retained for personal use.

<sup>a</sup> Fishery closed.

<sup>b</sup> Confidentiality rules prohibit the release of this information.

Table 26.—North Alaska Peninsula salmon test fish catches, 2000-2008.

Year	Number of Salmon					Total
	Chinook	Sockeye	Coho	Pink	Chum	
2000	0	1,482	1	2	4	1,489
2001	13	4,363	2	10	62	4,450
2002	0	6,021	14	41	169	6,245
2003	1	5,785	10	99	178	6,073
2004	0	3,874	35	108	87	4,104
2005	0	2,291	2	11	36	2,340
2006	20	2,232	2	0	89	2,343
2007	0	1,664	5	0	13	1,682
2008	0	2,249	54	1	105	2,409
2003-2007 Average	4	3,169	11	44	81	3,308

Table 27.—Three Hills Section salmon harvest by species and day, 2008.

Catch Date	Permits	Landings	Number of Fish				
			Chinook	Sockeye	Coho	Pink	Chum
Prior to 10-Aug	a	a	a	a	a	a	a
10-Aug	b	b	b	b	b	b	b
11-Aug	19	20	0	4,722	322	7	86
12-Aug	7	7	0	2,967	192	0	69
13-Aug	4	4	0	1,991	59	0	22
14-Aug	4	4	0	2,606	271	0	20
15-Aug	6	6	0	3,187	163	0	14
16-Aug	8	8	0	3,467	441	91	31
17-Aug	7	7	0	2,197	113	114	0
18-Aug	8	8	0	2,743	297	0	6
19-Aug	3	3	0	1,522	90	0	5
20-Aug	2	2	0	864	48	0	0
21-Aug	3	3	0	1,321	245	0	0
22-Aug	16	17	0	5,481	1,147	0	20
23-Aug	15	15	1	9,720	669	0	4
24-Aug	17	17	0	8,848	764	0	12
25-Aug	5	5	0	2,704	216	0	0
26-Aug	7	7	0	3,573	352	0	0
27-Aug	7	7	0	3,407	269	0	2
28-Aug	7	7	0	4,586	677	0	11
29-Aug	6	6	0	4,989	444	0	8
30-Aug	18	23	0	8,686	982	0	17
31-Aug	4	4	0	1,958	131	0	0
1-Sep	8	8	0	7,191	243	0	0
2-Sep	8	8	0	6,720	602	0	9
3-Sep	9	9	0	3,640	488	0	4
4-Sep	11	11	0	5,445	309	0	0
5-Sep	12	14	0	6,637	375	0	0
6-Sep	5	5	0	1,774	140	0	0
7-Sep	4	4	0	845	113	0	0
8-Sep	6	6	0	1,654	125	0	0
9-Sep	5	7	0	4,965	195	0	0
10-Sep	b	b	b	b	b	b	b
11-Sep	3	3	0	1,805	84	0	0
Post 11-Sep	0	0	0	0	0	0	0
<b>Total</b>	<b>44</b>	<b>259</b>	<b>1</b>	<b>123,344</b>	<b>10,646</b>	<b>212</b>	<b>340</b>

Note: catch numbers do not include test fish harvest or fish retained for personal use.

<sup>a</sup> Fishery closed.

<sup>b</sup> Confidentiality requirements prohibit releasing this information.

Table 28.—Ilnik Section salmon harvest by species and day, 2008.

Catch Date	Permits	Landings	Number of Fish				
			Chinook	Sockeye	Coho	Pink	Chum
Prior to 30-Jun	a	a	a	a	a	a	a
30-Jun	30	30	19	25,194	0	0	23
1-Jul	59	76	47	64,189	0	2	111
2-Jul	65	96	92	87,854	0	0	382
3-Jul	80	102	86	84,674	0	0	334
4-Jul	109	212	135	167,198	0	0	455
5-Jul	28	29	13	16,502	0	0	28
6-Jul	a	a	a	a	a	a	a
7-Jul	68	104	59	66,390	0	0	165
8-Jul	65	72	41	44,248	2	1	1,640
9-Jul	82	97	47	52,728	0	0	428
10-Jul	110	117	101	81,143	12	4	1,029
11-Jul	112	131	57	61,263	10	0	1,236
12-Jul to 10 Aug	a	a	a	a	a	a	a
11-Aug	13	13	0	2,948	179	0	24
12-Aug	6	6	0	1,799	201	21	11
13-Aug	10	10	0	7,192	1,340	75	58
14-Aug	11	11	0	7,027	1,013	21	41
15-Aug	11	11	0	8,791	1,594	0	23
16-Aug	14	14	1	6,312	1,741	0	23
17-Aug	15	15	0	6,375	1,313	0	17
18-Aug	12	12	0	4,669	1,246	0	14
19-Aug	19	19	1	7,927	2,650	0	63
20-Aug	18	18	0	9,442	2,825	0	20
21-Aug	16	17	1	9,678	2,761	54	19
22-Aug	b	b	b	b	b	b	b
23-Aug to 24-Aug	a	a	a	a	a	a	a
25-Aug	13	13	0	8,153	1,169	0	12
26-Aug	12	12	0	5,594	1,126	0	6
27-Aug	11	12	0	5,462	920	0	5
28-Aug	12	12	0	5,835	1,101	0	5
29-Aug	12	12	0	8,184	803	0	4
30-Aug to 1-Sep	a	a	a	a	a	a	a
2-Sep	15	15	0	9,666	717	0	5
3-Sep	10	10	0	3,002	609	0	1
4-Sep	9	9	0	5,126	386	0	1
5-Sep	9	9	0	6,362	351	0	4
6-Sep	4	4	0	1,438	185	0	1
7-Sep to 8-Sep	a	a	a	a	a	a	a
9-Sep	3	3	0	2,439	62	0	8
10-Sep	b	b	b	b	b	b	b
Post 11-Sep	0	0	0	0	0	0	0
<b>Total</b>	<b>120</b>	<b>1,326</b>	<b>700</b>	<b>885,634</b>	<b>24,428</b>	<b>178</b>	<b>6,197</b>

Note: catch numbers do not include test fish harvest or fish retained for personal use.

<sup>a</sup> Fishery closed.

<sup>b</sup> Confidentiality requirements prohibit releasing this information.

Table 29.—Outer Port Heiden Section salmon harvest by species and day, 2008.

Catch Date	Permits	Landings	Number of Fish				
			Chinook	Sockeye	Coho	Pink	Chum
Prior to 30-Jun	a	a	a	a	a	a	a
30-Jun	15	15	5	14,764	0	0	0
1-Jul	24	31	25	43,009	0	0	25
2-Jul	36	59	38	61,730	0	0	219
3-Jul	9	9	18	11,259	0	0	11
4-Jul to 6-Jul	a	a	a	a	a	a	a
7-Jul	33	62	18	39,915	0	0	0
8-Jul	56	80	23	63,094	0	0	251
9-Jul	44	52	18	44,388	8	0	59
8-Jul to 13-Jul	a	a	a	a	a	a	a
14-Jul	79	87	14	21,048	11	0	847
15-Jul	58	65	9	21,650	0	0	1,182
Post 15-Jul	0	0	0	0	0	0	0
<b>Total</b>	<b>92</b>	<b>460</b>	<b>168</b>	<b>320,857</b>	<b>19</b>	<b>0</b>	<b>2,594</b>

*Note:* catch numbers do not include test fish harvest or fish retained for personal use.

<sup>a</sup> Fishery closed.

Table 30.—Alaska Peninsula (Area M) and Bristol Bay (Area T) overlap area commercial salmon catch, in number of fish by gear, 1975-2008.

Drift Gillnet														
Year	Area M							Area T						
	Permits	Landings	Chinook	Sockeye	Coho	Pink	Chum	Permits	Landings	Chinook	Sockeye	Coho	Pink	Chum
1975	0	0	0	0	0	0	0	6	45	182	0	4,701	0	0
1976	0	0	0	0	0	0	0	10	92	1,158	333	3,897	0	73
1977	0	0	0	0	0	0	0	15	128	1,532	688	9,336	0	73
1978	a	a	a	a	a	a	a	26	233	6,947	315	17,581	0	202
1979	a	a	a	a	a	a	a	21	211	4,493	340	13,203	0	5
1980	a	a	a	a	a	a	a	25	269	4,073	932	24,846	1	16
1981	a	a	a	a	a	a	a	18	161	4,306	151	7,094	0	8
1982	0	0	0	0	0	0	0	23	281	8,427	727	17,320	0	0
1983	0	0	0	0	0	0	0	18	146	5,004	0	302	0	0
1984	0	0	0	0	0	0	0	44	380	5,133	499	39,881	22	119
1985	0	0	0	0	0	0	0	44	273	2,857	434	20,892	0	2
1986	a	a	a	a	a	a	a	24	162	1,141	1,366	17,341	0	32
1987	a	a	a	a	a	a	a	38	383	2,691	863	33,019	67	460
1988	a	a	a	a	a	a	a	46	407	4,936	3,155	40,956	6	2,857
1989	a	a	a	a	a	a	a	52	309	2,359	1,256	37,688	5	457
1990	a	a	a	a	a	a	a	63	407	3,707	3,557	61,654	147	231
1991	0	0	0	0	0	0	0	68	511	2,826	498	76,525	0	225
1992	0	0	0	0	0	0	0	102	578	4,899	3,433	71,359	54	598
1993	0	0	0	0	0	0	0	50	259	8,829	3,421	13,030	0	113
1994	0	0	0	0	0	0	0	77	567	8,618	2,294	103,200	44	213
1995	0	0	0	0	0	0	0	81	357	2,081	1,195	41,075	0	48
1996	4	12	8	4,045	755	1	522	33	153	593	2,833	37,829	0	19
1997	0	0	0	0	0	0	0	41	348	3,156	3,672	35,378	0	35
1998	a	a	a	a	a	a	a	60	354	1,430	3,348	49,893	1,478	633
1999	0	0	0	0	0	0	0	21	31	279	1,020	1,591	0	19
2000	0	0	0	0	0	0	0	27	113	0	1,173	23,620	15	0

-continued-

Table 30.—Page 2 of 3.

<b>Drift Gillnet continued</b>														
Year	Area M							Area T						
	Permits	Landings	Chinook	Sockeye	Coho	Pink	Chum	Permits	Landings	Chinook	Sockeye	Coho	Pink	Chum
2001	0	0	0	0	0	0	0	4	7	0	0	664	0	9
2002	a	a	a	a	a	a	a	a	a	a	a	a	a	a
2003	0	0	0	0	0	0	0	4	4	0	0	2,072	0	0
2004	0	0	0	0	0	0	0	a	a	a	a	a	a	a
2005	0	0	0	0	0	0	0	10	17	266	1,921	2,122	0	7
2006	0	0	0	0	0	0	0	6	33	1,053	1,151	0	0	2
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Set Gillnet</b>														
Year	Area M							Area T						
	Permits	Landings	Chinook	Sockeye	Coho	Pink	Chum	Permits	Landings	Chinook	Sockeye	Coho	Pink	Chum
1975	5	37	186	643	716	0	17	a	a	a	a	a	a	a
1976	7	105	166	4,025	668	0	892	6	60	172	618	1,253	0	177
1977	5	52	691	1,960	861	0	1,129	8	34	272	776	530	0	106
1978	7	59	1,458	468	1,741	0	194	8	46	282	46	3,586	0	41
1979	9	202	2,599	34,772	970	2	735	10	100	1,136	1,968	10,039	26	63
1980	10	235	428	19,655	1,029	0	2,223	16	172	527	1,931	16,095	39	128
1981	7	96	790	2,931	1,584	0	176	21	117	209	146	8,021	0	3
1982	8	206	2,181	7,857	3,808	0	724	16	113	347	198	20,890	0	0
1983	4	30	838	28	336	0	0	7	44	567	111	1,779	0	2
1984	5	51	866	1,216	2,138	0	33	15	101	395	31	9,541	0	8
1985	5	39	1,049	4,963	1,318	0	0	17	83	450	26	6,646	0	0
1986	3	67	335	36,297	579	0	807	7	42	345	382	1,433	0	1
1987	a	a	a	a	a	a	a	9	98	351	341	6,960	0	57
1988	6	93	204	12,314	18,125	142	1,637	14	115	703	1,032	13,181	2	360
1989	7	75	153	12,044	16,659	6	596	18	89	544	160	5,515	0	127
1990	5	62	195	12,748	7,901	0	101	15	118	867	229	11,979	4	36
1991	6	57	122	29,123	4,260	2	459	12	96	194	42	10,591	0	0

-continued-

Table 30.—Page 3 of 3.

Set Gillnet continued														
Year	Area M							Area T						
	Permits	Landings	Chinook	Sockeye	Coho	Pink	Chum	Permits	Landings	Chinook	Sockeye	Coho	Pink	Chum
1992	7	56	140	19,162	11,620	1	744	18	137	531	3,076	18,506	0	196
1993	3	34	3	23,931	7,141	11	70	11	89	2,992	5,890	3,600	0	57
1994	4	22	3	5,274	4,674	53	3	9	101	2,717	3,536	12,062	0	87
1995	3	20	14	3,057	3,021	0	109	12	64	512	87	7,090	0	2
1996	a	a	a	a	a	a	a	6	31	155	807	6,761	0	0
1997	3	56	621	20,426	2,169	0	41	9	76	247	1,116	6,434	0	1
1998	a	a	a	a	a	a	a	7	51	0	71	6,341	2	1
1999	a	a	a	a	a	a	a	a	a	a	a	a	a	a
2000	a	a	a	a	a	a	a	3	6	0	0	787	3	0
2001	a	a	a	a	a	a	a	a	a	a	a	a	a	a
2002	a	a	a	a	a	a	a	0	0	0	0	0	0	0
2003	a	a	a	a	a	a	a	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	0	0	0	0	0	0	a	a	a	a	a	a	a
2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	a	a	a	a	a	a	a	0	0	0	0	0	0	0
2008	a	a	a	a	a	a	a	0	0	0	0	0	0	0

Note: catch numbers do not include test fish harvest or fish retained for personal use.

<sup>a</sup> Confidentiality requirements prohibit releasing this information.

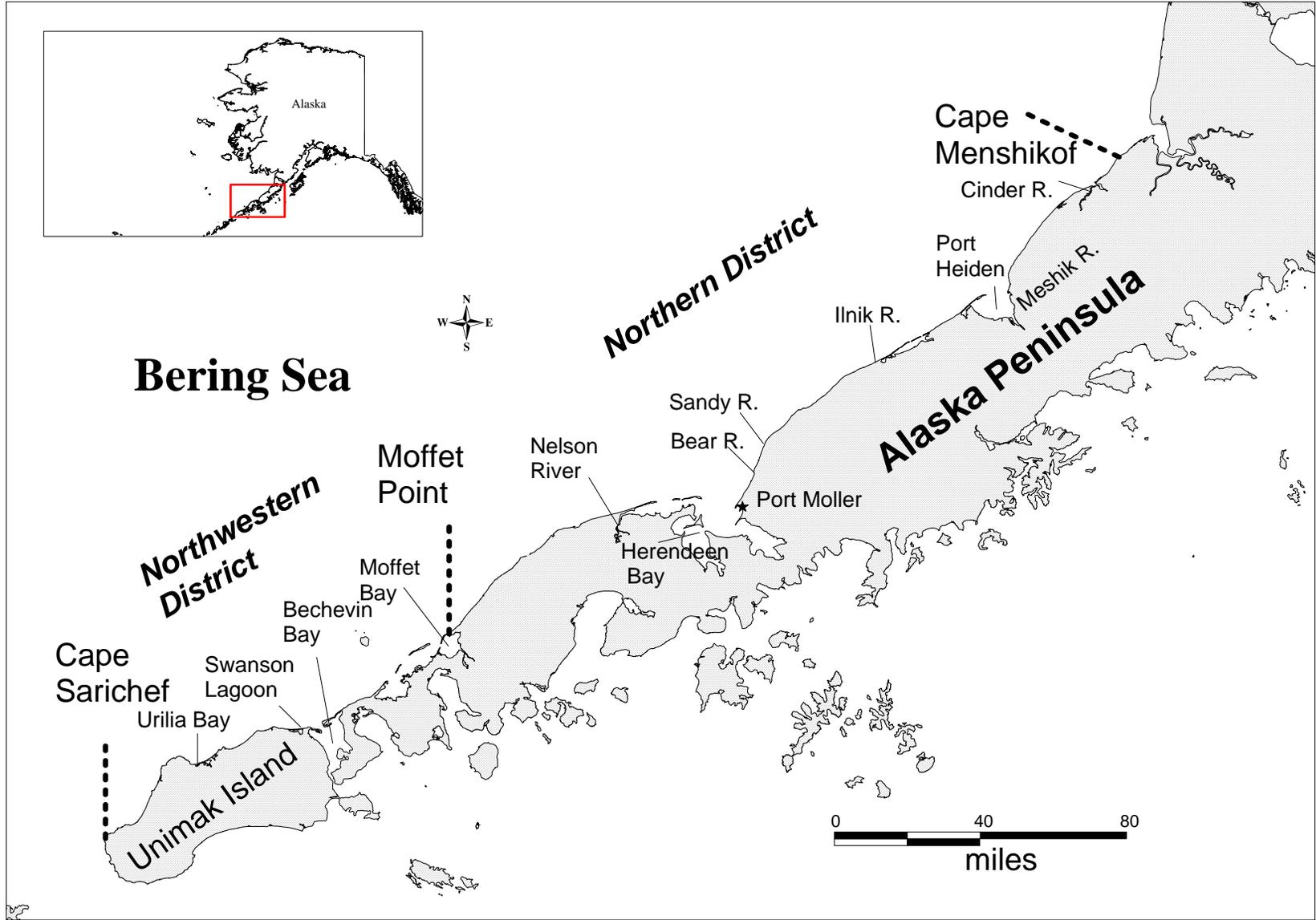


Figure 1.—Map of Alaska Peninsula with North Peninsula commercial salmon fishing districts.

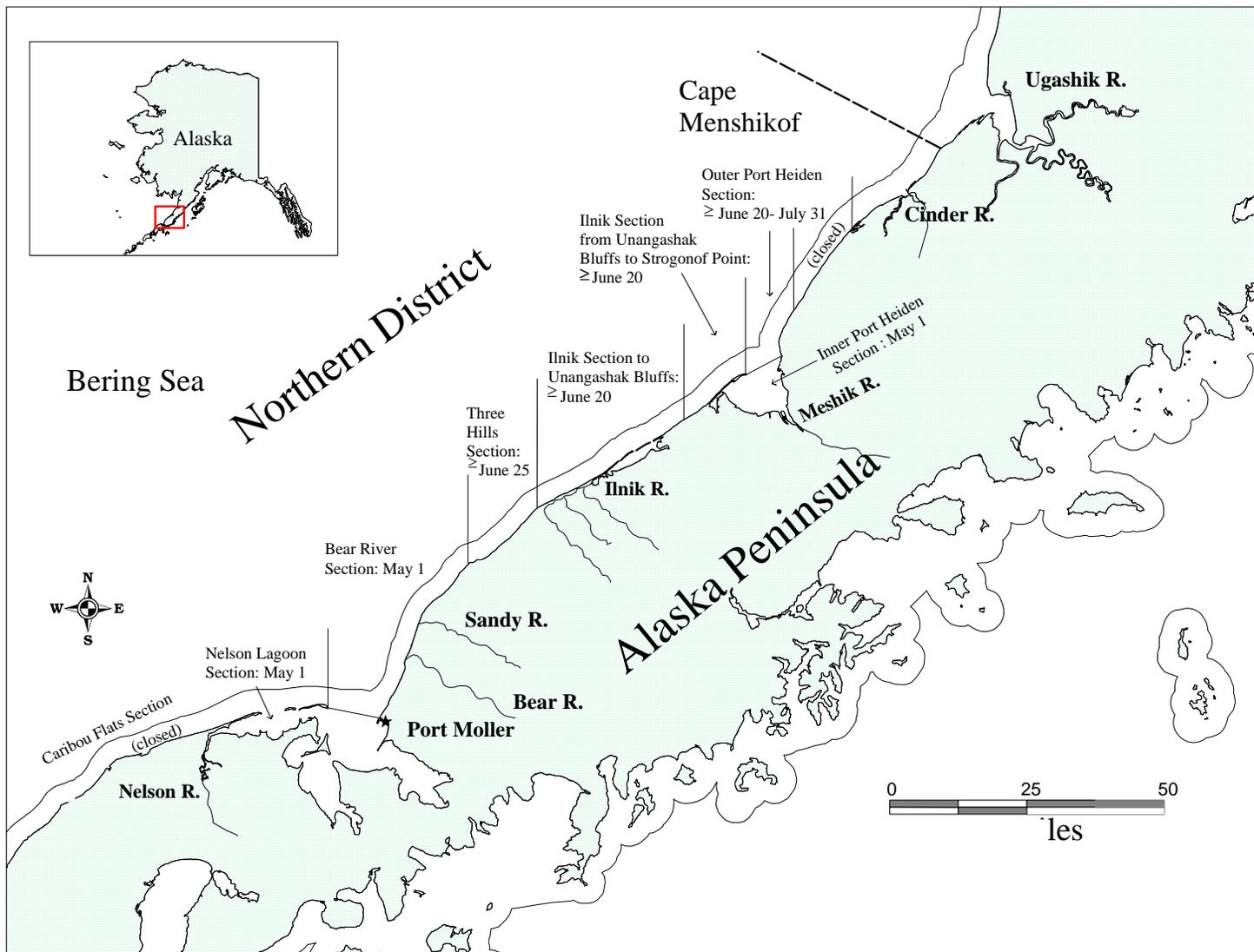


Figure 2.—North Alaska Peninsula from Nelson Lagoon to Strogonof Point, with selected commercial salmon fishing sections, season opening dates, and major sockeye salmon systems.

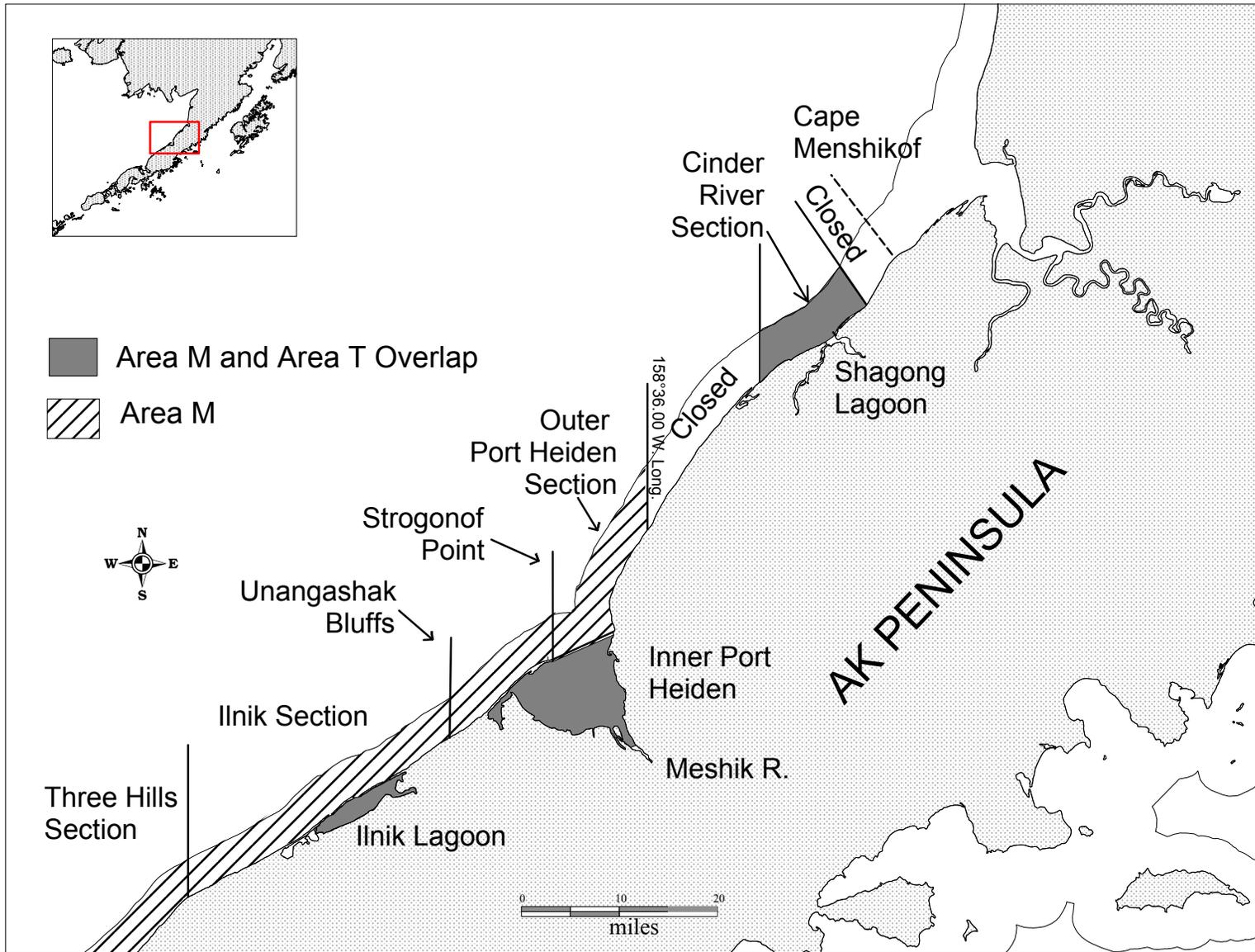


Figure 3.—Alaska Peninsula (Area M) and Bristol Bay (Area T) commercial salmon fishing overlap areas.

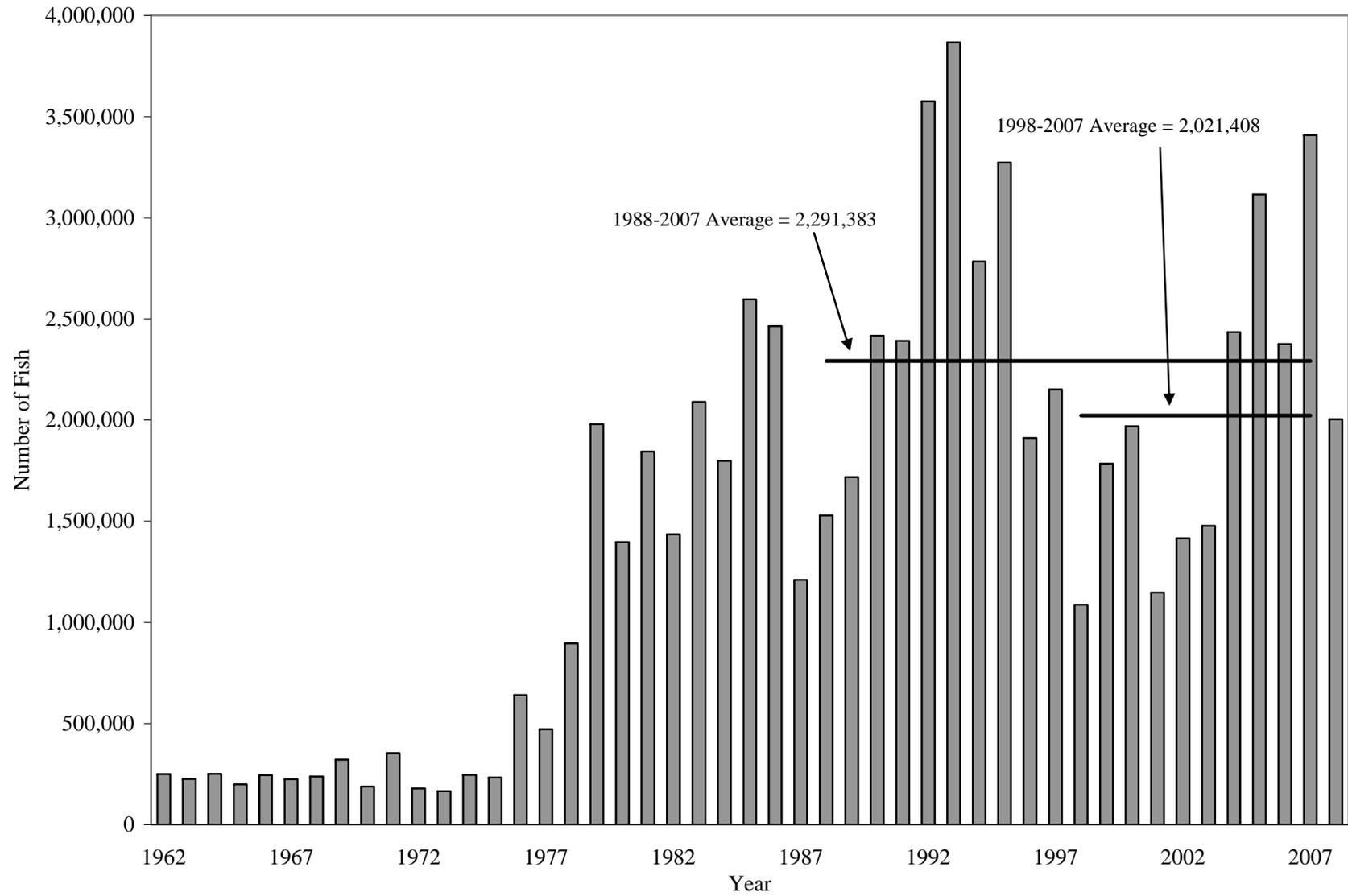


Figure 4.—North Peninsula commercial sockeye salmon harvest, 1962-2008.

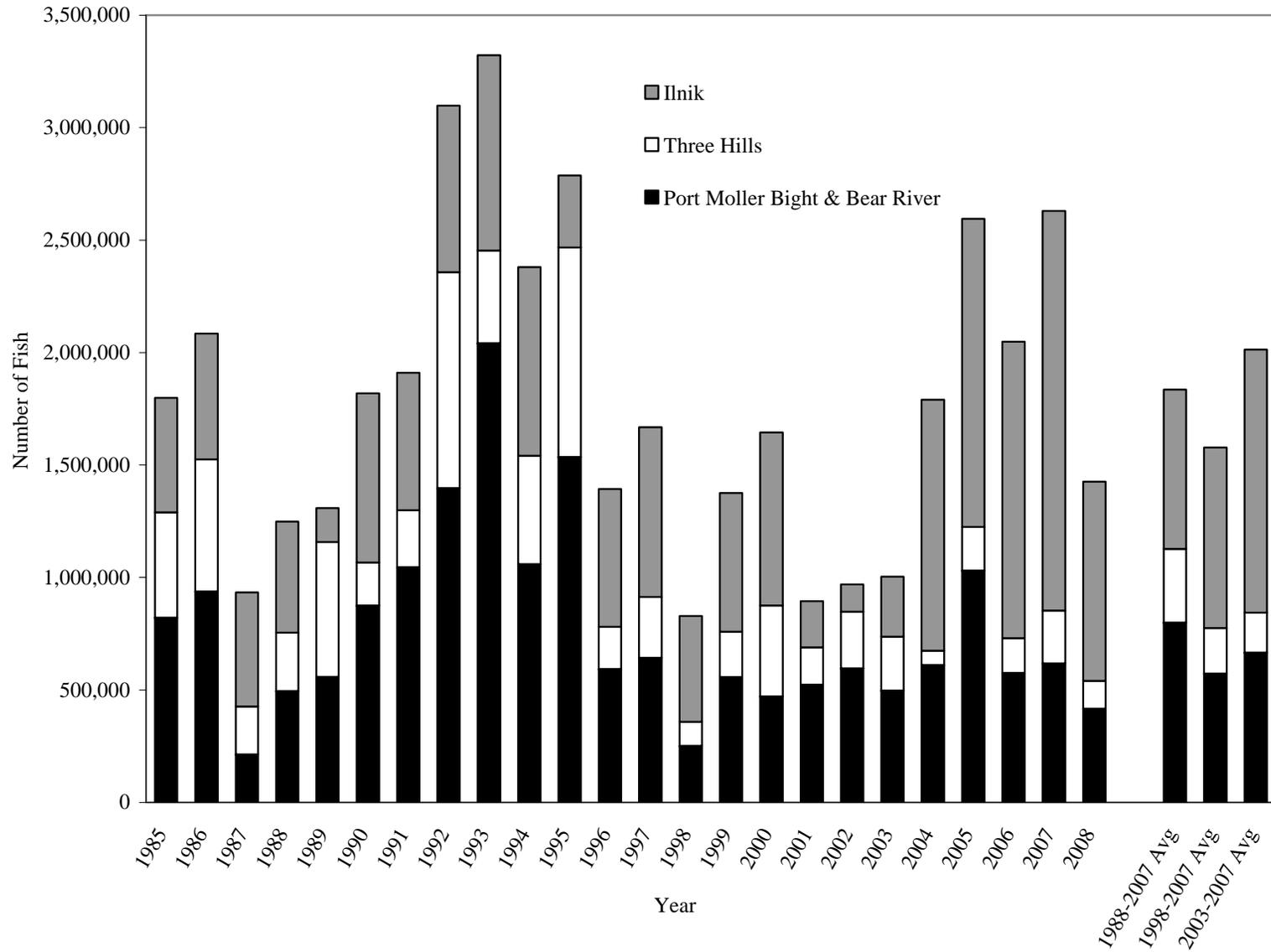


Figure 5.—Port Moller Bight, Bear River, Three Hills, and Ilnik Sections commercial sockeye salmon harvest, 1985-2008.

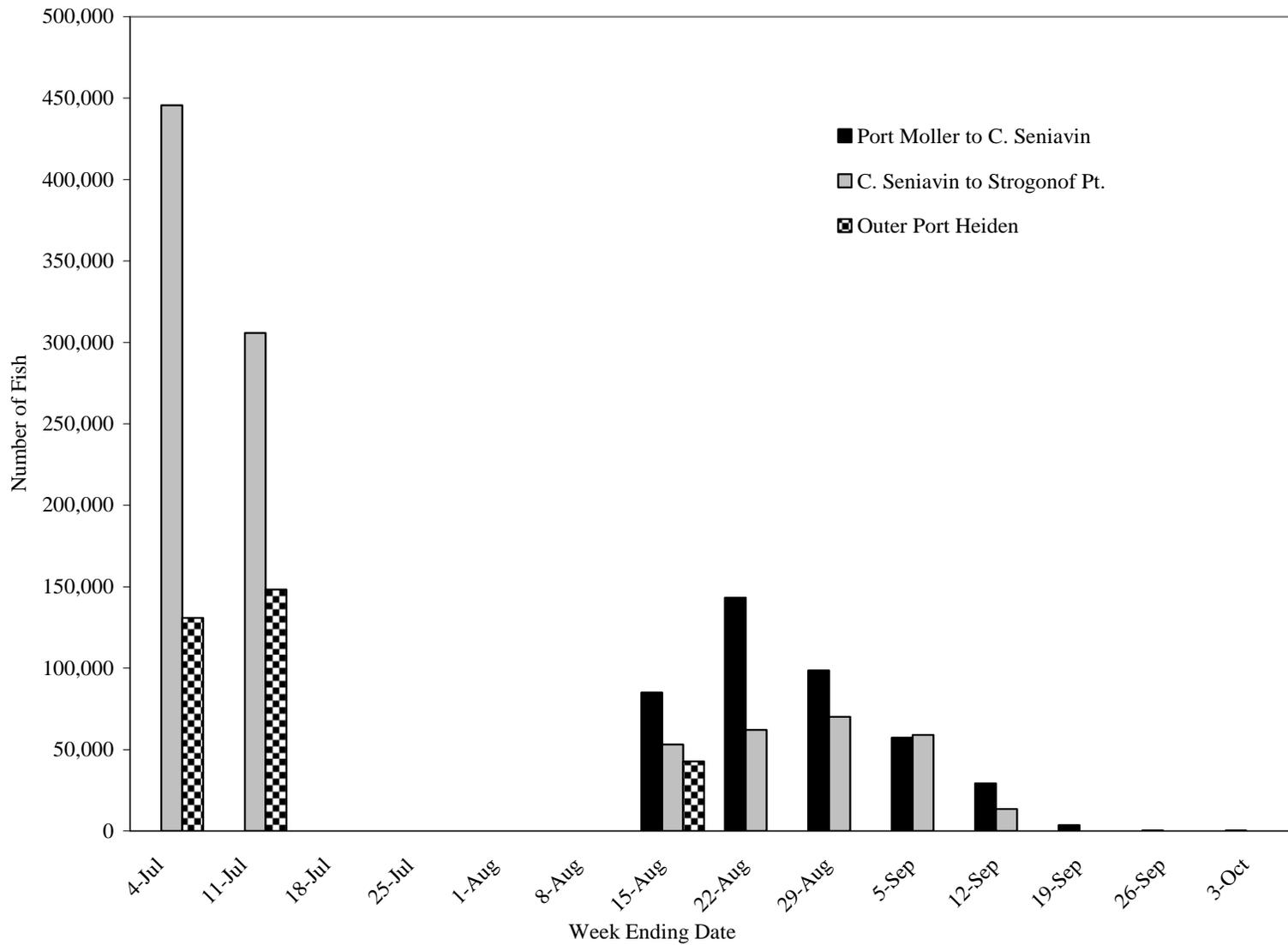


Figure 6.—Port Moller to Cape Seniavin, Cape Seniavin to Strogonof Point, and Outer Port Heiden sockeye salmon catch by week, 2008.

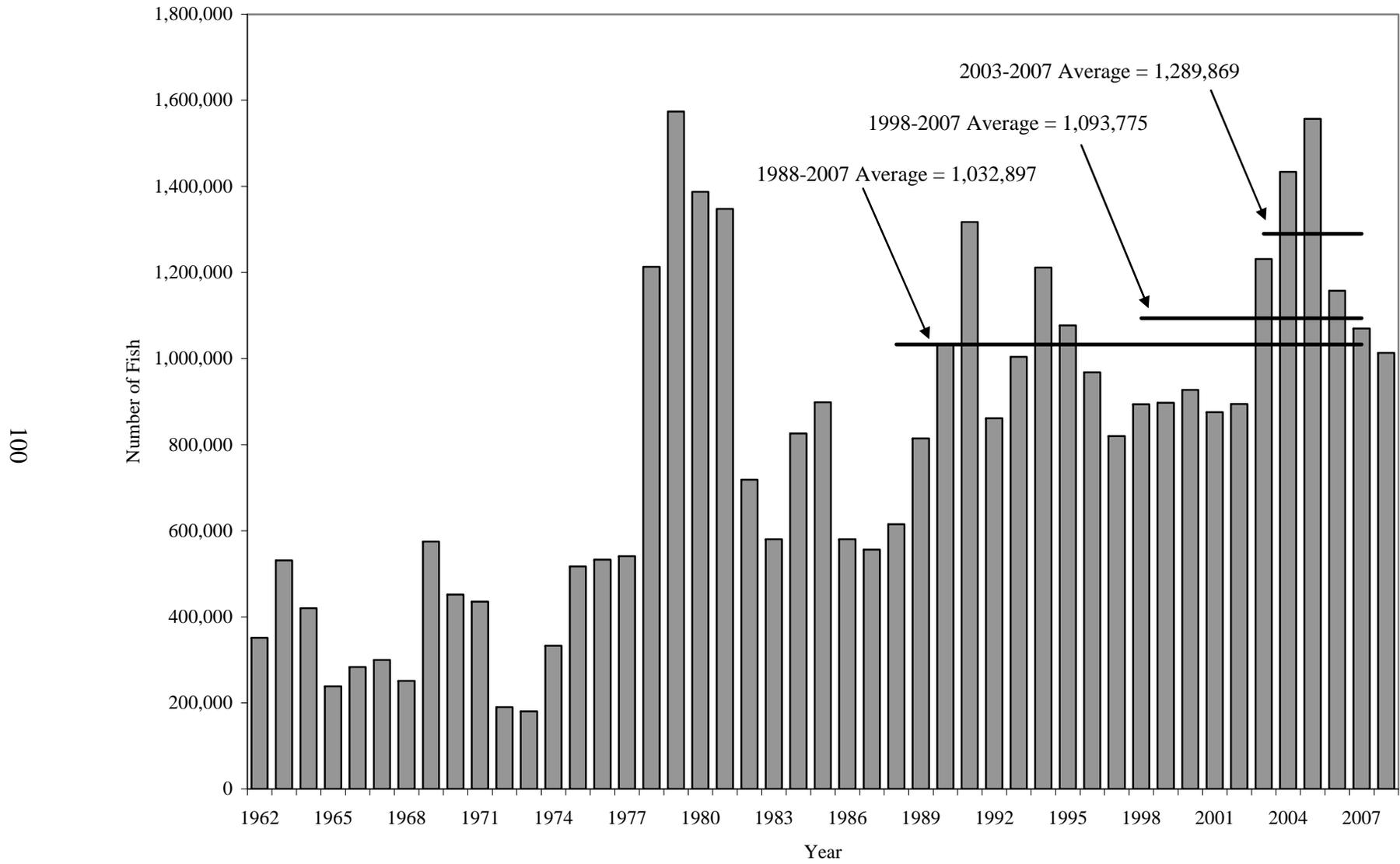


Figure 7.—North Alaska Peninsula sockeye salmon escapement, 1962-2008.

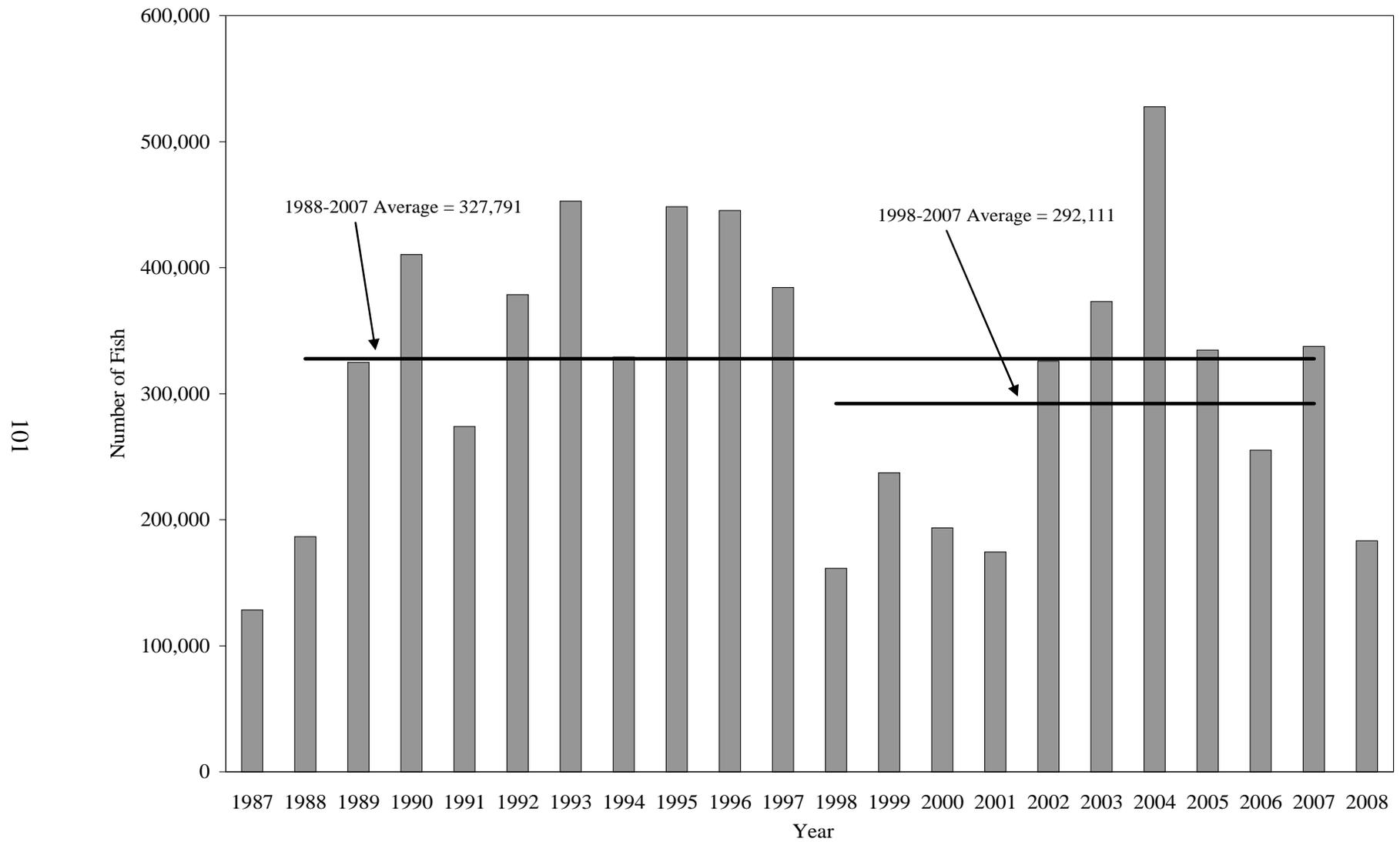


Figure 8.-Nelson Lagoon commercial sockeye salmon harvest, 1987-2008.

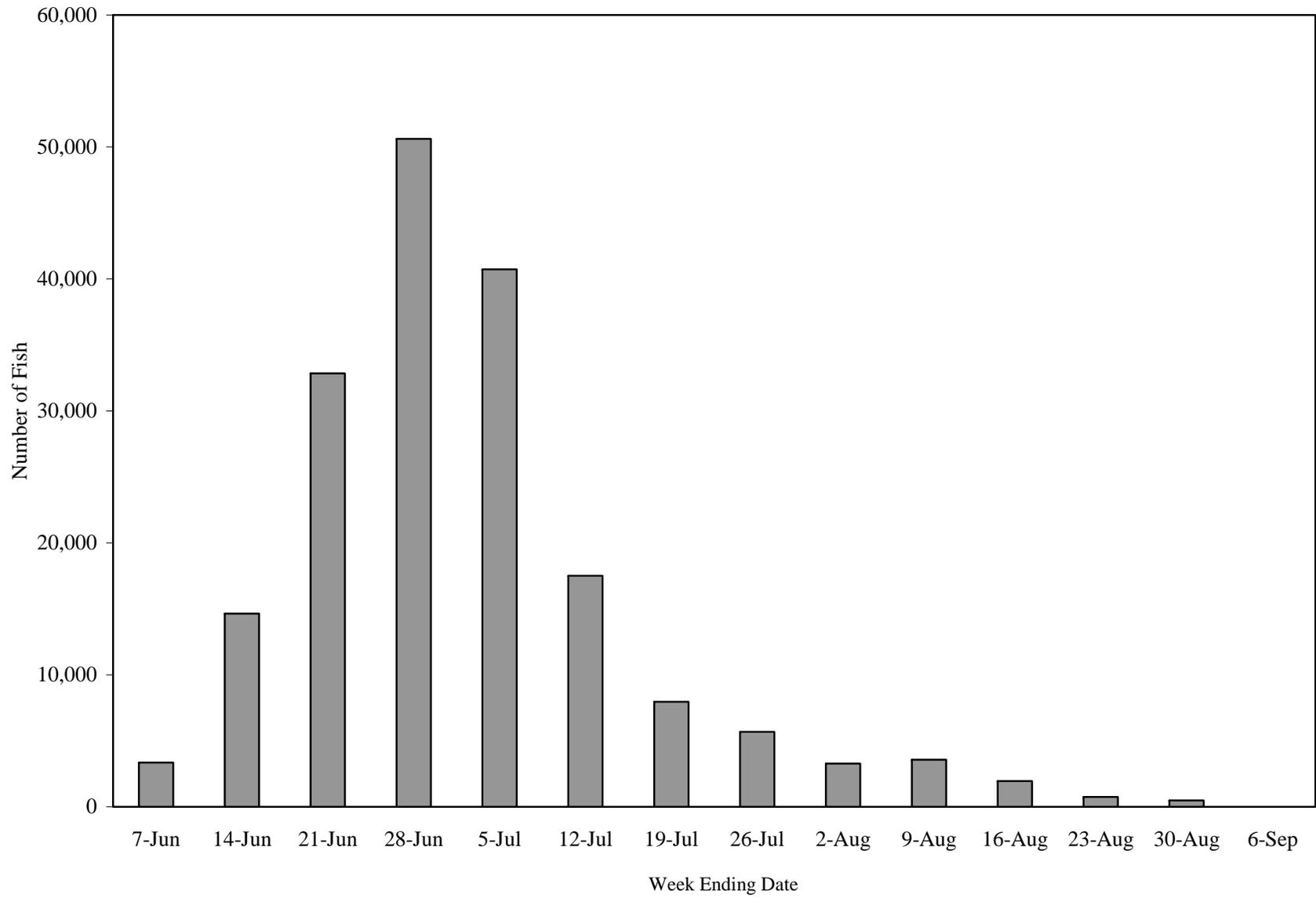


Figure 9.—Nelson Lagoon commercial sockeye salmon harvest by week, 2008.

**APPENDIX A. NORTH ALASKA PENINSULA SALMON  
ESCAPEMENT, 2008**

Appendix A1.—North Alaska Peninsula estimated total escapement for Chinook, sockeye, pink, and chum salmon, and peak escapement counts for coho salmon, 2008.

<b>NORTHWESTERN DISTRICT</b>		Number of Salmon <sup>a</sup>				
Stream No.	Stream Name	Chinook	Sockeye	Coho	Pink	Chum
<b>URILIA BAY SECTION</b>						
311-30.06	Divide Cr.		5,700			450
311-30.07	Whaleback Mtn. Cr.		78,600			
311-30.08	Christianson Lgn.		29,700			
	<b>Christianson Lagoon System total</b>	<b>0</b>	<b>114,000</b>	<b>0</b>	<b>0</b>	<b>450</b>
311-30.09	Mudhole		1,500			400
311-30.10	Clear Lgn.		1,800			200
	<b>Peterson Lagoon System total</b>	<b>0</b>	<b>3,300</b>	<b>0</b>	<b>0</b>	<b>600</b>
311-40.01	Emil's River		1,300			200
311-40.04	North Cr.					
311-40.07	Otter Point Cr.					
	<b>Total Uria Bay Section</b>	<b>0</b>	<b>118,600</b>	<b>0</b>	<b>0</b>	<b>1,250</b>
<b>SWANSON LAGOON SECTION</b>						
311-50.01	Big River					
311-50.02	Swanson Lgn. System		5,500	900		5,800
	<b>Total Swanson Lagoon Section</b>	<b>0</b>	<b>5,500</b>	<b>900</b>	<b>0</b>	<b>5,800</b>
<b>BECHEVIN BAY SECTION</b>						
311-60.01	St. Catherine Cove		3,100			32,400
311-60.06	Anderson's Cr.			100	800	100
311-60.07 & .08	Trader's Cove			400	9,700	15,600
311-60.12	Warm Springs Bay				1,400	3,700
311-60.13	Hungry's Cr.					
311-6018	Lampsport Lagoon					
	<b>Total Bechevin Bay Section</b>	<b>0</b>	<b>3,100</b>	<b>500</b>	<b>11,900</b>	<b>51,800</b>
<b>IZEMBEK-MOFFET BAY SECTION</b>						
312-20.01	Norma Bay Lakes		1,200	25		900
312-20.02	Mike's Duck Camp Cr.		800			7,900
312-20.03	Norma Bay, South					13,300
312-20.04	Third Bridge Cr.			100		6,900
312-20.05	Frosty Cr.		1,800			33,800
312-20.06	Blue Bill Lake		7,400			
312-20.13	Outer Marker Lakes		1,600			100
312-20.51	Springs S Frosty Cr.		1,700			1,400
312-20.52	Second Bridge Cr.		200			900
	<b>Izembek Lagoon Total</b>	<b>0</b>	<b>14,700</b>	<b>125</b>	<b>0</b>	<b>65,200</b>
312-40.01	Joshua Green River		28,400			117,700
312-40.02	Moffet Springs Cr.		1,100			
312-40.03	Moffet Cr.		2,400			
312-40.04	Unnamed					
312-40.05	Unnamed					
	<b>Moffet Bay total</b>	<b>0</b>	<b>31,900</b>	<b>0</b>	<b>0</b>	<b>117,700</b>
	<b>Total Izembek-Moffet Bay Section</b>	<b>0</b>	<b>46,600</b>	<b>125</b>	<b>0</b>	<b>182,900</b>
	<b>NORTHWESTERN DISTRICT TOTAL</b>	<b>0</b>	<b>173,800</b>	<b>1,525</b>	<b>11,900</b>	<b>241,750</b>

-continued-

<b>NORTHERN DISTRICT</b>		Number of Salmon <sup>a</sup>				
Stream No.	Stream Name	Chinook	Sockeye	Coho	Pink	Chum
<b>BLACK HILLS SECTION</b>						
313-10.02	North Cr.	600	38,000	22,000		
313-10.05	Cathedral River			300		
313-10.06	Russian River			500		
313-10.09	AMOCO Airstrip Cr.			100		1,500
313-10.11	Black Hills Cr.	2,100		3,000	500	600
313-10.14	Steelhead Cr.	2,200	6,000	4,000		
<b>Total Black Hills Section</b>		<b>4,900</b>	<b>44,000</b>	<b>29,900</b>	<b>500</b>	<b>2,100</b>
<b>NELSON LAGOON SECTION</b>						
313-30.01	David's R. (early)		12,000	1,000		
313-30.01 & .04	David's R. (late)					
313-30.02	Caribou River		25,000	12,000		
313-30.03	Nelson (Sapsuk) River	5,012	141,600	24,000		3,139
<b>Total Nelson Lagoon Section</b>		<b>5,012</b>	<b>178,600</b>	<b>37,000</b>	<b>0</b>	<b>3,139</b>
<b>HERENDEEN-MOLLER BAY SECTION</b>						
314-20.02	Buck Valley					600
314-20.03	Doe Valley					20,010
314-20.04	Deer Valley			2,000	15,000	22,000
314-20.05	Portage Valley		20			500
314-20.06	Grass Valley		1,200	2,000		22,000
314-20.07	Lawence Valley			3,000	3,000	21,000
314-20.08	Mine Hbr.					200
314-20.09	Coal Cr.				10,000	54,000
<b>Herendeen Bay total</b>		<b>0</b>	<b>1,220</b>	<b>7,000</b>	<b>28,000</b>	<b>140,310</b>
314-30.04	Mud Bay, West					2,000
314-30.05	Mud Bay, East					1,500
314-30.07	Head Cr., Rt Head					7,000
314-30.09	Right Head Cr.			4,000	2,500	5,000
314-30.10	Left Head Cr.			8,000	1,500	15,500
<b>Moller Bay total</b>		<b>0</b>	<b>0</b>	<b>12,000</b>	<b>4,000</b>	<b>15,500</b>
<b>Total Herendeen-Moller Bay Section</b>		<b>0</b>	<b>1,220</b>	<b>19,000</b>	<b>32,000</b>	<b>155,810</b>
<b>BEAR RIVER SECTION</b>						
315-10.01	Frank's Lgn.			3,000		6,000
315-10.02	King Salmon R.					168
315-11.02	Bear River	2,065	321,000			19
315-12.01	Sandy River	80	32,200	3,000		
<b>Total Bear River Section</b>		<b>2,145</b>	<b>353,200</b>	<b>6,000</b>	<b>0</b>	<b>6,187</b>
<b>THREE HILLS SECTION</b>						
316-10.01	Lime Cr.					2,500
316-10.02	Unnamed					4,000
316-10.04	SW of 3-Hills		2,000			1,300
<b>Total Three Hills Section</b>		<b>0</b>	<b>2,000</b>	<b>0</b>	<b>0</b>	<b>7,800</b>

-continued-

**NORTHERN DISTRICT (continued)**

Stream No.	Stream Name	Number of Salmon <sup>a</sup>				
		Chinook	Sockeye	Coho	Pink	Chum
<b>ILNIK SECTION</b>						
316-10.05	Ocean River		16,000	5,000		
316-20.01	Ilnik Lagoon System	15	28,300	22,000		1
316-20.04	Unanagashak			9,000		
<b>Total Ilnik Section</b>		<b>15</b>	<b>44,300</b>	<b>36,000</b>	<b>0</b>	<b>1</b>
<b>INNER PORT HEIDEN SECTION</b>						
317-20.02	Charles Cr.		2,000		5,000	
317-20.04 A & B	Red & Yellow Bluff Creeks	1,200	22,000			3,000
317-20.06	Highland Cr.		1,000			
<b>West Port Heiden Bay Total</b>		<b>1,200</b>	<b>25,000</b>	<b>0</b>	<b>5,000</b>	<b>3,000</b>
317-20.07 A	Meshik River, main stem	1,800	12,500	27,000		4,000
317-20.07 B	Braided Cr.	800	2,000			1,200
317-20.07 C	Landlocked Cr.		9,000			
317-20.07 D	Bluff Cr.		7,000			
317-20.07 E	Blue Violet Cr.	1,000	8,000			
317-20.07 F	Wolf Cr.		1,500			300
317-20.07 G	Unnamed					500
317-20.07 H	Shoe Cr.	700	300			4,000
317-20.07 J	Unnamed		50			300
317-20.07 K	Unnamed	2,000	4,000			
317-20.07 L	Unnamed	800	4,000			2,000
317-20.07 M	Unnamed		300			3,000
317-20.07 N	Unnamed		6,000			
317-20.07 O	Plenty Bear Cr.	1,200	3,000			4,000
317-20.07 O-A	Paddle Cr.					
317-20.07 P	Waterfall Cr.		600			500
317-20.07 R	Rainbow Cr.	1,700	3,000			4,000
317-20.07 T	Cub Cr.					800
<b>Meshik River total</b>		<b>10,000</b>	<b>61,250</b>	<b>27,000</b>	<b>0</b>	<b>24,600</b>
317-20.08	Birthday Cr.					1,500
317-20.09	Barabara Cr.					1,200
<b>Total Inner Port Heiden Section</b>		<b>11,200</b>	<b>86,250</b>	<b>27,000</b>	<b>5,000</b>	<b>30,300</b>
<b>OUTER PORT HEIDEN SECTION</b>						
318-10.01	Reindeer Cr.					
<b>Total Outer Port Heiden Section</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

-continued-

<b>NORTHERN DISTRICT (continued)</b>		Number of Salmon <sup>a</sup>				
Stream No.	Stream Name	Chinook	Sockeye	Coho	Pink	Chum
<b>CINDER RIVER SECTION</b>						
318-20.01	Unnamed			22,000		
318-20.04	Mud Cr.		33,000	500		
318-20.06 A	Cinder River, main stem	3,500	33,000			18,000
318-20.06 B	Unnamed	300				2,000
318-20.06 C	Unnamed		1,800			1,200
318-20.06 D	Lava Creek		44,000			
318-20.06 E	High Creek		4,000			
318-20.06 H	Meloy Cr.	4,000	6,800			
318-20.06 J	Wiggly Cr.	5,000	5,000			
318-20.06 K	Ray Cr.		2,200			
318-20.06 L	Unnamed					2,000
<b><i>Cinder River total</i></b>		<b><i>12,800</i></b>	<b><i>96,800</i></b>	<b><i>0</i></b>	<b><i>0</i></b>	<b><i>23,200</i></b>
<b>Total Cinder River Section</b>		<b>12,800</b>	<b>129,800</b>	<b>22,500</b>	<b>0</b>	<b>23,200</b>
<b>NORTHERN DISTRICT TOTAL</b>		<b>36,072</b>	<b>839,370</b>	<b>177,400</b>	<b>37,500</b>	<b>228,537</b>
<b>TOTAL NORTH PENINSULA</b>		<b>36,072</b>	<b>1,013,170</b>	<b>178,925</b>	<b>49,400</b>	<b>470,287</b>

<sup>a</sup> Chinook, sockeye, pink, and chum salmon numbers are estimated total escapements. Coho salmon numbers are peak counts and based on limited data.

Appendix A2.—North Alaska Peninsula aerial salmon surveys, 2008.

Stream	Date	Observer	Location	Visi- bility	Species					Observer Remarks
					Chinook	Sockeye	Coho	Pink	Chum	
Divide Creek, 311-3006										
	06/28/2008	Elisa Russ	Stream Mouth Bay	E	0	100	0	0	0	
	07/07/2008	Elisa Russ	Stream Mouth Bay	E	0	750	0	0	0	
	07/17/2008	Elisa Russ	Stream Mouth Bay	G G	0 0	1,600 1,100	0 0	0 0	0 0	
	08/06/2008	Elisa Russ	Stream Mouth Bay	G P	0 0	3,000 0	0 0	0 0	450 0	INCOMPLETE SURVEY DUE TO FOG AT LOWER RIVER AND MOUTH. MOST OF FISH LOWER IN RIVER.
Whaleback Mtn Crk, 311-3007										
	06/28/2008	Elisa Russ	Stream Mouth Bay	G	0	0	0	0	0	
	07/07/2008	Elisa Russ	Stream Mouth Bay	G	0	0	0	0	0	SLIGHT GLARE
	07/17/2008	Elisa Russ	Stream Mouth Bay	G	0	7,700	0	0	0	TURBID WATER AT MOUTH.
	08/06/2008	Elisa Russ	Stream Mouth Bay	E P	0 0	78,600 0	0 0	0 0	0 0	FOG AT MOUTH, SURVEYED MAJORITY OF CREEK. 50,400 IN EAST TRIB., FISH THICK FROM BELOW CONFLUENCE TO HEADWATERS. 1,500 SOCKEYE CARCASSES.
Christianson Lagoon, 311-3008										
	06/22/2008	Aaron Poetter	Stream Mouth Bay	F F F	0 0 0	1,000 0 1,500	0 0 0	0 0 0	0 0 0	WIND 25-30 SSW, CHOP ON WATER AND GLARE MADE CONDITIONS DIFFICULT. OLD CHRISTIANSON'S/PETERSON LOGOONS CHANNEL IS BLOCKED. NEW CHANNEL DUE NORTH OF "THE CORNER", STRAIGHT SHOT TO THE OCEAN LESS THAN 1/4 MILE.
	06/28/2008	Elisa Russ	Stream Mouth	E G	0 0	24,100 4,500	0 0	0 0	0 0	14,400 FISH IN LAGOON OUTLET STREAM, EAST OF THE CORNER. 6,400 FISH ON NORTH SIDE OF LAGOON ABOVE

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Appendix A2.-Page 2 of 19.

Stream	Date	Observer	Location	Visi- bility	Species					Observer Remarks
					Chinook	Sockeye	Coho	Pink	Chum	
			Bay	F	0	0	0	0	0	OUTLET STREAM. 3.300 FISH IN LAGOON THAT DRAINS DIVIDE CREEK ABOVE THE CORNER.
07/07/2008			Stream	G	0	29,200	0	0	0	GLARE / WIND IN BAY & MOUTH; ALGAE ON SOUTH POTHOLE; DVS FLASHING IN POTHOLE
Elisa Russ			Mouth	F	0	500	0	0	0	15,400 - LAGOON OUTLET STREAM (EAST OF "CORNER");
			Bay	F	0	0	0	0	0	12,800 - SPREAD ON NORTH SIDE OF "POTHOLE" & GETTING RED JUST ABOVE OUTLET STREAM; 1,000 BELOW DIVIDE / ABOVE "CORNER" WITH A FEW FISH NEAR MOUTH (EBB TIDE)
07/17/2008			Stream	F	0	25,600	0	0	0	16,200 IN POTHOLE SPREAD ABOVE OUTLET STREAM AND NORHT SIDE. 9,400 IN OUTLET STREAM EAST OF
Elisa Russ			Mouth	G	0	1,500	0	0	0	CORNER. LOTS OF BEAR ACTIVITY. VISISBILITY
			Bay							OBSCURED BY ALGAE ON NORTHWEST SIDE OF POTHOLE, GLARE AND BREEZE.
08/06/2008			Stream	E	0	3,100	0	0	0	INCOMPLETE SURVEY OF POTHOLE AND LOWER LAGOON
Elisa Russ			Mouth	P	0	0	0	0	0	DUE TO FOG.
			Bay							
Mud Hole, 311-3009										
07/07/2008			Stream	E	0	0	0	0	0	
Elisa Russ			Mouth	G	0	400	0	0	0	
			Bay							
07/17/2008			Stream	E	0	200	0	0	0	
Elisa Russ			Mouth	G	0	500	0	0	0	
			Bay							
08/06/2008			Stream	G	0	1,100	0	0	400	INCOMPLETE SURVEY, UNABLE TO SURVEY LOWER LAGOON
Elisa Russ			Mouth	P	0	0	0	0	0	AND CLEAR LAGOON.
			Bay							
09/08/2008			Stream	G	0	1,500	0	0	0	700 SOCKEYE CARCASSES.
Elisa Russ			Mouth							
			Bay							
Clear Lagoon, 311-3010										
06/22/2008			Stream	G	0	3,000	0	0	0	
Aaron Poetter			Mouth	G	0	1,500	0	0	0	
			Bay							
06/28/2008			Stream	G	0	0	0	0	0	FOG ROLLED IN, UNABLE TO SURVEY MUD HOLE 311-09.
Elisa Russ			Mouth	F	0	0	0	0	0	

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Appendix A2.-Page 3 of 19.

Stream	Date	Observer	Location	Visi- bility	Species					Observer Remarks
					Chinook	Sockeye	Coho	Pink	Chum	
07/07/2008 Elisa Russ	Stream	E	0	0	0	0	0	0		
	Mouth	E	0	0	0	0	0	0		
	Bay									
07/17/2008 Elisa Russ	Stream	G	0	0	0	0	0	0	DOLLY VARDEN FLASHING.	
	Mouth									
	Bay									
09/08/2008 Elisa Russ	Stream	G	0	400	100	0	200	200	200 SOCKEYE CARCASSES.	
	Mouth									
	Bay									
Emil's River, 311-4001 07/17/2008 Elisa Russ	Stream	G	0	0	0	0	0	0	DOLLY VARDERN FLASHING.	
	Mouth	G	0	0	0	0	0	0		
	Bay									
09/08/2008 Elisa Russ	Stream	E	0	1,300	0	0	200	200	200 SOCKEYE CARCASSES. SOCKEYE CONCENTRATED AT HEAD OF CREEK ON NESTS.	
	Mouth									
	Bay									
Swanson Lagoon, 311-5002 06/28/2008 Elisa Russ	Stream	G	0	4,500	0	0	0	0		
	Mouth	F	0	200	0	0	0	0		
	Bay									
07/17/2008 Elisa Russ	Stream	G	0	5,500	0	0	1,500	1,500	SPREAD THROUGHOUT UPPER LAGOON, GLARE, 4 BEARS. HAVE NOT MOVED INTO UPPER CREEK YET.	
	Mouth	F	0	0	0	0	0	0		
	Bay									
09/08/2008 Elisa Russ	Stream	E	0	3,300	900	0	5,800	5,800	300 CHUM CARCASSES.	
	Mouth									
	Bay									
Mike's Valley, 311-6001 06/28/2008 Elisa Russ	Stream	E	0	0	0	0	25	25	2 SEALS IN THE BAY.	
	Mouth	G	0	0	0	0	0	0		
	Bay	G	0	0	0	0	0	0		
07/17/2008 Elisa Russ	Stream	G	0	0	0	0	7,600	7,600		
	Mouth	G	0	0	0	0	2,000	2,000		
	Bay	G	0	0	0	0	4,000	4,000		

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Stream	Date	Observer	Location	Visi- bility	Species					Observer Remarks
					Chinook	Sockeye	Coho	Pink	Chum	
	07/28/2008	Elisa Russ	Stream	G	0	400	0	0	19,900	F/V INSIDE CLOSED WATERS AT MOUTH.
			Mouth Bay	E	0	0	0	0	500	
	08/03/2008	Elisa Russ	Stream	E	0	1,600	0	0	22,400	AREAS OF LOG FOG, UNABLE TO SURVEY URILIA AND SWANSON.
			Mouth	E	0	0	0	0	2,000	
			Bay	G	0	0	0	0	8,000	
	09/08/2008	Elisa Russ	Stream Mouth Bay	G	0	1,500	0	0	11,300	1,400 CHUM CARCASSES.
Anderson's Creek, 311-6006	09/08/2008	Elisa Russ	Stream	G	0	0	0	800	100	UPPER CREEK DRY, SLIGHT GLARE.
			Mouth	G	0	0	100	0	0	
			Bay							
Trader's Cove, 311-6008	09/08/2008	Elisa Russ	Stream	E	0	0	0	7,700	12,600	1,000 PINK CARCASSES AND 2,000 CHUM CARCASSES.
			Mouth	G	0	0	400	2,000	3,000	
			Bay							
Warm Springs Bay, 311-6012	09/08/2008	Elisa Russ	Stream	E	0	0	0	1,400	2,500	500 PINK CARCASSES, AND 1,000 CHUM CARCASSES.
			Mouth	G	0	0	0	0	1,200	
			Bay							
Norma Bay Lakes, 312-2001	09/08/2008	Elisa Russ	Stream	G	0	1,200	0	0	600	100 CHUM CARCASSES. BACK OUT AT 2:45 TO SURVEY IZEMBEK STREAMS.
			Mouth	F	0	0	25	0	300	
			Bay							
Mike's Duck Camp, 312-2002	07/17/2008	Elisa Russ	Stream	G	0	0	0	0	0	MURKY/GLARE, A FEW JUMPERS IN CHANNEL OUTSIDE MOUTH.
			Mouth	F	0	0	0	0	100	
			Bay							
	09/08/2008	Elisa Russ	Stream	G	0	800	0	0	5,900	500 CHUM CARCASSES. CHANNEL LEADING FROM MOUTH DARK WATER AND GLARE.
			Mouth	P	0	0	0	0	2,000	
			Bay							
Alligator Hole, Ctr., 312-2003	07/17/2008		Stream	G	0	0	0	0	0	

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Stream	Date	Observer	Location	Visi- bility	Species					Observer Remarks
					Chinook	Sockeye	Coho	Pink	Chum	
		Elisa Russ	Mouth Bay	F	0	0	0	0	400	
	09/08/2008	Elisa Russ	Stream Mouth Bay	G	0	0	0	0	13,300	1,200 CHUM CARCASSES.
Alligator Hole, East, 312-2004										
	07/17/2008	Elisa Russ	Stream Mouth Bay	G F	0 0	0 0	0 0	0 0	0 0	
	09/08/2008	Elisa Russ	Stream Mouth Bay	G F	0 0	0 0	0 100	0 0	4,400 2,500	500 CHUM CARCASSES.
Frosty Creek, 312-2005										
	06/28/2008	Elisa Russ	Stream Mouth Bay	P P	0 0	0 0	0 0	0 0	0 0	FOGGY CONDITIONS.
	07/17/2008	Elisa Russ	Stream Mouth Bay	G G	0 0	100 0	0 0	0 0	2,200 500	
	07/27/2008	Elisa Russ	Stream Mouth Bay	F F	0 0	200 0	0 0	0 0	8,400 0	BEARS IN MOUTH, FISH SCATTERED.
	09/08/2008	Elisa Russ	Stream Mouth Bay	G	0	1,800	0	0	25,400	500 CHUM CARCASSES.
Blue Bill Lake, 312-2006										
	09/08/2008	Elisa Russ	Stream Mouth Bay	F	0	7,400	0	0	0	ALGAE IN LAKE BUT LIGHT GOOD PROVIDING VISIBILITY.
Outer Marker Lakes, 312-2013										
	09/08/2008	Elisa Russ	Stream Mouth Bay	F	0	1,500	0	0	100	100 SOCKEYE CARCASSES.

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Stream	Date	Observer	Location	Visi- bility	Species					Observer Remarks
					Chinook	Sockeye	Coho	Pink	Chum	
Springs S Frosty Crk, 312-2051										
	07/17/2008		Stream	G	0	0	0	0	0	4 BEARS IN MOUTH, FISH SCATTERED.
		Elisa Russ	Mouth Bay	F	0	0	0	0	200	
	08/05/2008		Stream	G	0	150	0	0	0	FOG, FLYING FAST TO N SIDE, QUICK SURVEY. ATTEMPTED SWANSON, URILIA BUT FOG MADE US TURN AROUND.
		Elisa Russ	Mouth Bay							
	09/08/2008		Stream	G	0	1,700	0	0	1,400	200 SOCKEYE AND 100 CHUM CARCASSES.
		Elisa Russ	Mouth Bay							
2nd W Of Frosty Crk, 312-2052										
	09/08/2008		Stream	G	0	200	0	0	900	
		Elisa Russ	Mouth Bay							
Joshua Green River, 312-4001										
	07/17/2008		Stream	G	0	5,800	0	0	32,900	SURVEYED RIGHT HAND A BELOW CONFLUENCE AND BOTH MOUTHS. LIGHT FLAT, MURKY LAKE. 2 BEACH SEINERS FISHING CHANNEL.
		Elisa Russ	Mouth	F	0	0	0	0	6,000	
			Bay	F	0	0	0	0	3,000	
	07/28/2008		Stream	G	0	8,700	0	0	36,800	ONLY SURVEYED RIGHT HAND VALLEY A. 3 BEARS AT THE MOUTH, 2 SEINERS.
		Elisa Russ	Mouth Bay	G	0	0	0	0	1,600	
	08/04/2008		Stream	G	0	25,200	0	0	80,100	LOTS OF BEAR 100+, 1 SEINER FISHING.
		Elisa Russ	Mouth Bay	G	0	0	0	0	5,000	
	08/29/2008		Stream	G	0	27,200	0	0	117,700	1,200 SOCKEYE AND 4,700 CHUM CARCASSES. GOOD VISIBILITY IN RIGHT HAND VALLEY A, MAJORITY OF FISH, IN PARTS OF TRIBS MUDDY IN LEFT HAND VALLEY AND ALGAE IN SPRING HOLES.
		Elisa Russ	Mouth Bay							
Moffet Springs Crk, 312-4002										
	07/28/2008		Stream	E	0	1,000	0	0	200	
		Elisa Russ	Mouth Bay	E	0	0	0	0	0	
	08/29/2008		Stream	G	0	1,100	0	0	14,800	200 CHUM CARCASSES. GOOD VISIBILITY IN RIGHT HAND VALLEY A, MAJORITY OF FISH. PARTS OF TRIBS MUDDY IN LEFT HAND VALLEY AND ALGAE IN SPRING HOLES.
		Elisa Russ	Mouth Bay							

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Stream	Date	Observer	Location	Visi- bility	Species					Observer Remarks
					Chinook	Sockeye	Coho	Pink	Chum	
Moffet Creek, 312-4003										
	07/28/2008		Stream	E	0	800	0	0	400	
		Elisa Russ	Mouth Bay	E	0	0	0	0	200	
	08/29/2008		Stream	G	0	2,400	0	0	12,300	500 CHUM CARCASSES.
		Elisa Russ	Mouth Bay							
North Creek, 313-1002										
	08/04/2008		Stream	G	600	38,000	0	0	0	CREEK A - 200 KINGS & 23,000; CREEK B - 400 KINGS & 3,000 SOCKEYE; CREEK C - 2,000 SOCKEYE IN LAKE; CREEK D - 10,000 SOCKEYE
		Bob Murphy	Mouth Bay							
	09/05/2008		Stream	G	0	0	22,000	0	0	
		Bob Murphy	Mouth Bay							
Cathedral River, 313-1005										
	08/04/2008		Stream	G	0	0	0	0	0	ZERO FISH IN LAKE; RIVER TOO MURKY TO SURVEY
		Bob Murphy	Mouth Bay							
	09/05/2008		Stream	G	0	0	300	0	0	
		Bob Murphy	Mouth Bay							
Trader Mtn Cr, 313-1006										
	08/04/2008		Stream	P	0	0	0	0	0	TOO MURKY TO SURVEY
		Bob Murphy	Mouth Bay							
	09/05/2008		Stream	G	0	0	500	0	0	
		Bob Murphy	Mouth Bay							
Next To Amco Airstp, 313-1009										
	08/04/2008		Stream	G	0	0	0	0	1,500	CHUMS IN LOWER QUARTER MILE
		Bob Murphy	Mouth Bay							
	09/05/2008		Stream	G	0	0	100	0	0	
		Bob Murphy	Mouth Bay							

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Stream	Date	Observer	Location	Visi- bility	Species					Observer Remarks
					Chinook	Sockeye	Coho	Pink	Chum	
Black Hills Creek, 313-1011										
	08/04/2008	Bob Murphy	Stream Mouth Bay	G	2,100	0	0	500	600	
	09/05/2008	Bob Murphy	Stream Mouth Bay	G	0	0	3,000	0	0	
Steelhead Creek, 313-1014										
	08/04/2008	Bob Murphy	Stream Mouth Bay	G	2,200	6,000	1,800	0	0	
	09/05/2008	Bob Murphy	Stream Mouth Bay	G	0	0	4,000	0	0	
David's River, 313-3001										
	08/04/2008	Bob Murphy	Stream Mouth Bay	G	0	12,000	0	0	0	SOCKEYE ARE MAINLY ABOVE THE CABIN
	09/05/2008	Bob Murphy	Stream Mouth Bay	G	0	0	1,000	0	0	
Caribou River, 313-3002										
	08/04/2008	Bob Murphy	Stream Mouth Bay	G	0	25,000	0	0	0	SOCKEYE MAINLY FAR UP RIVER
	09/05/2008	Bob Murphy	Stream Mouth Bay	G	0	0	12,000	0	0	
Nelson R./hoodoo L., 313-3003										
	07/23/2008	Bob Murphy	Stream Mouth Bay	G	400	1,500	0	0	800	400 KINGS BELOW WEIR
	08/25/2008	Bob Murphy	Stream Mouth Bay	G	0	0	9,000	0	0	MOST FISH ARE IN THE LOWER RIVER, FROM LAGOON TO WEIR SITE.

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Stream	Date	Observer	Location	Visi- bility	Species					Observer Remarks
					Chinook	Sockeye	Coho	Pink	Chum	
	09/05/2008	Bob Murphy	Stream Mouth Bay	G	0	0	24,000	0	0	COHO ARE ABOVE THE WIER SITE TO LAGOON
Buck Valley, 314-2002	07/23/2008	Bob Murphy	Stream Mouth Bay	G	0	0	0	0	20,000	20,000 CHUMS ALONG SHORE, SOUTH OF VILLAGE SPIT AND BUCK VALLEY
	08/12/2008	Bob Murphy	Stream Mouth Bay	G	0	0	0	0	10	
	09/05/2008	Bob Murphy	Stream Mouth Bay	G	0	0	0	0	0	
Doe Valley, 314-2003	07/23/2008	Bob Murphy	Stream Mouth Bay	G	0	0	0	0	0	ZERO FISH IN RIVER
	08/12/2008	Bob Murphy	Stream Mouth Bay	G	0	0	0	0	600	
	09/05/2008	Bob Murphy	Stream Mouth Bay	G	0	0	0	0	0	
Deer Valley, 314-2004	07/23/2008	Bob Murphy	Stream Mouth Bay	G	0	0	0	0	4,000	
	08/12/2008	Bob Murphy	Stream Mouth Bay	G	0	0	0	15,000	22,000	LEFT CREEK HAD 4,000 OF THE 22,000 CHUMS. THE PINKS WERE IN THE LOWER RIVER.
	09/05/2008	Bob Murphy	Stream Mouth Bay	G	0	0	2,000	0	0	

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Stream	Date	Observer	Location	Visi- bility	Species					Observer Remarks
					Chinook	Sockeye	Coho	Pink	Chum	
Portage Valley, 314-2005										
	07/23/2008		Stream	G	0	0	0	0	0	ZERO FISH AT MOUTH; ZERO FISH IN RIVER
		Bob Murphy	Mouth Bay	G	0	0	0	0	0	
	08/12/2008		Stream	G	0	20	0	0	500	ZERO FISH IN RIVERS; CHUM & SOCKEYE WERE VISIBLE IN THE SLOUGH
		Bob Murphy	Mouth Bay							
	09/05/2008		Stream	G	0	0	0	0	0	
		Bob Murphy	Mouth Bay							
Grass Valley, 314-2006										
	07/23/2008		Stream	G	0	1,200	0	0	1,000	1,000 SOCKEYE IN LAKE; 200 SOCKEYE IN RIVER
		Bob Murphy	Mouth Bay	G	0	0	0	0	1,000	
	08/12/2008		Stream	G	0	1,000	0	0	22,000	SOCKEYE WERE LOCATED IN THE LAKE OF WHICH 100 ARE CARCASSES
		Bob Murphy	Mouth Bay							
	09/05/2008		Stream	G	0	0	2,000	0	0	
		Bob Murphy	Mouth Bay							
Lawrence Valley, 314-2007										
	07/23/2008		Stream	G	0	0	0	0	4,000	CHUMS IN LOWER TWO MILES
		Bob Murphy	Mouth Bay							
	08/12/2008		Stream	G	0	0	0	0	21,000	
		Bob Murphy	Mouth Bay	G	0	0	0	3,000	0	
	09/05/2008		Stream	G	0	0	3,000	0	0	
		Bob Murphy	Mouth Bay							
Mine Harbor, 314-2008										
	08/12/2008		Stream	G	0	0	0	0	200	
		Bob Murphy	Mouth Bay							

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Stream	Date	Observer	Location	Visi- bility	Species					Observer Remarks
					Chinook	Sockeye	Coho	Pink	Chum	
Coal Creek, 314-2009										
	07/23/2008		Stream	G	0	0	0	0	4,000	20,000 CHUMS AT SLOUGH ALONG SHORE TOWARDS MOUTH; 30,000 CHUM AT SHINGLE POINT, WHICH IS NEAR COAL CREEK; 4,000 CHUMS UP COAL CREEK
	Bob Murphy		Mouth Bay	G	0	0	0	0	50,000	
	08/12/2008		Stream	G	0	0	0	0	23,000	21,000 CHUMS PLUS 2,000 CARCASSES
	Bob Murphy		Mouth Bay	G	0	0	0	10,000	0	
Mud Bay 3004, 314-3004										
	09/05/2008		Stream	G	0	0	0	0	0	
	Bob Murphy		Mouth Bay							
Mud Bay 3005, 314-3005										
	08/12/2008		Stream	G	0	0	0	0	2,000	
	Bob Murphy		Mouth Bay							
	09/05/2008		Stream	G	0	0	0	0	0	
	Bob Murphy		Mouth Bay							
Head Creek, Right Hd, 314-3007										
	08/12/2008		Stream	G	0	0	0	0	1,200	
	Bob Murphy		Mouth Bay	G	0	0	0	0	300	
Right Head Creek, 314-3009										
	08/12/2008		Stream	G	0	0	0	2,500	7,000	IN THE SLOUGH THERE WERE 4,000 CHUMS AND 1,000 PINKS
	Bob Murphy		Mouth Bay							
	09/05/2008		Stream	G	0	0	4,000	0	0	
	Bob Murphy		Mouth Bay							
Left Head Creek, 314-3010										
	08/12/2008		Stream	G	0	0	0	1,500	5,000	2,000 CHUMS WERE IN THE SLOUGH
	Bob Murphy		Mouth Bay							

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Stream	Date	Observer	Location	Visi- bility	Species					Observer Remarks
					Chinook	Sockeye	Coho	Pink	Chum	
	09/05/2008	Bob Murphy	Stream Mouth Bay	G	0	0	8,000	0	0	MOST OF THE FISH ARE IN THE LOWER ONE MILE
Frank's Lagoon, 315-1001	07/23/2008	Bob Murphy	Stream Mouth Bay	G	0	0	0	0	6,000	6,000 CHUM IN THE LAGOON
	09/08/2008	Bob Murphy	Stream Mouth Bay	G	0	0	3,000	0	0	MOST IN UPPER RIVER
King Salmon River, 315-1002	09/08/2008	Bob Murphy	Stream Mouth Bay	P	0	0	0	0	0	TOO MURKKY
Bear River, Branches, 315-1102	07/03/2008	Bob Murphy	Stream Mouth Bay	P	0	8,000	0	0	0	UNDER POOR CONDITIONS ( WATER IS MURKY) SURVEYED FROM MAD SOW TO SITE OF WEIR
	07/10/2008	Bob Murphy	Stream Mouth Bay	P	0	9,000	0	0	0	SURVEYED FROM THE MOUTH TO WEIR UNDER POOR CONDITIONS. THE SLOUGH, NEAR OLD CABIN THAT IS DOWN RIVER, HAD 3,000 OF THE 9,000 SOCKEYE
	07/23/2008	Bob Murphy	Stream Mouth Bay	G	2,000	0	0	0	0	2,000 KING SALMON IN RIDGERUNNER CREEK
	07/23/2008	Bob Murphy	Stream Mouth Bay	P	0	0	0	0	0	TOO MURKY TO SURVEY
	07/30/2008	Bob Murphy	Stream Mouth Bay	G	0	30,000	0	0	0	SURVEYED FROM MAD SOW TO WEIR. MANY FISH (25,000) APPEAR TO BE HOLDING IN TWO BIG SCHOOLS JUST ABOVE MAD SOW.
	08/04/2008	Bob Murphy	Stream Mouth Bay	G	0	35,000	0	0	0	SURVEYED MAD SOW TO WEIR. 25,000 SOCKEYE IS THE SAME SCHOOL THAT WAS NOTED ON JUNE 30, JUST ABOVE MAD SOW.

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Stream	Date	Observer	Location	Visi- bility	Species					Observer Remarks
					Chinook	Sockeye	Coho	Pink	Chum	
	08/12/2008	Bob Murphy	Stream Mouth Bay	G	0	28,000	0	0	0	8,000 NEW SOCKEYE FISH. 20,000 IS PART OF THE SCHOOL THAT WAS NOTED ON JULY 30, JUST ABOVE MAD SOW.
	08/25/2008	Bob Murphy	Stream Mouth Bay	G	0	30,000	0	0	0	30,000 SOCKEYE FROM MAD SOW TO WEIR SITE
	09/07/2008	Bob Murphy	Stream Mouth Bay	G	0	20,000	0	0	0	
	09/15/2008	Bob Murphy	Stream Mouth Bay	G	0	20,000	0	0	0	20,000 NEW SOCKEYE FROM MAD SOW TO WEIR SITE
Sandy River & Lake, 315-1201	07/03/2008	Bob Murphy	Stream Mouth Bay	P	0	0	0	0	0	IT IS TOO MURKY TO SEE FISH. THREE AIRPLANES, THREE SKIFFS, AND 37 SPORT FISHERMEN ARE LOCATED ON THE LOWER PORTION OF SANDY RIVER.
	07/26/2008	Bob Murphy	Stream Mouth Bay	G	0	2,000	0	0	0	SURVEYED FROM LODGE TO WEIR - 2,000 SOCKEYE SPAWNING BELOW WEIR TO LODGE
	09/08/2008	Bob Murphy	Stream Mouth Bay	G	0	0	3,000	0	0	
Lime Creek, 316-1001	07/26/2008	Bob Murphy	Stream Mouth Bay	G	0	0	0	0	2,500	
Unn;c Seniavin/3hill, 316-1002	07/26/2008	Bob Murphy	Stream Mouth Bay	G	0	0	0	0	4,000	
Sw Of 3 Hills, 316-1004	07/26/2008	Bob Murphy	Stream Mouth Bay	G	0	2,000	0	0	1,300	2,000 SOCKEYE IN LAKE

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Stream	Date	Observer	Location	Visi- bility	Species					Observer Remarks
					Chinook	Sockeye	Coho	Pink	Chum	
	08/25/2008	Bob Murphy	Stream Mouth Bay	G	0	1,000	0	0	0	SOCKEYE ARE IN THE LAKE
Ocean River, 316-1005	07/26/2008	Bob Murphy	Stream Mouth Bay	G	0	16,000	0	0	0	MOST FISH FROM LODGE TO THREE MILES DOWN RIVER; NOT MANY FISH ON UPPER SPAWNING GROUNDS YET
	08/25/2008	Bob Murphy	Stream Mouth Bay	G	0	0	3,000	0	0	COHO ARE IN THE LOWER RIVER
	09/08/2008	Bob Murphy	Stream Mouth Bay	G	0	0	5,000	0	0	COHO IN LOWER TWO MILES
Ilnik River/estuary, 316-2001	08/25/2008	Bob Murphy	Stream Mouth Bay	G	0	0	8,000	0	0	COHO WERE SEEN FROM MOUTH OF LAGOON TO ABOVE VILLAGE/CABIN AND MOST OF THE FISH ARE NEAR WEIR SITE.
	09/08/2008	Bob Murphy	Stream Mouth Bay	G	0	0	22,000	0	0	COHO ARE IN THE LAGOON
Unangashak River, 316-2004	08/25/2008	Bob Murphy	Stream Mouth Bay	G	0	0	6,000	0	0	
	09/08/2008	Bob Murphy	Stream Mouth Bay	G	0	0	9,000	0	0	
Charles Creek, 317-2002	08/04/2008	Bob Murphy	Stream Mouth Bay	G	0	2,000	0	5,000	0	
Highland Creek, 317-2006	07/30/2008	Bob Murphy	Stream Mouth Bay	G	0	1,000	0	0	0	

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Stream	Date	Observer	Location	Visi- bility	Species					Observer Remarks
					Chinook	Sockeye	Coho	Pink	Chum	
Birthday Creek, 317-2008	07/30/2008	Bob Murphy	Stream Mouth Bay	G	0	0	0	0	1,500	
Barbara Creek, 317-2009	07/30/2008	Bob Murphy	Stream Mouth Bay	G	0	0	0	0	1,200	
Red Bluff Creek, 317-204A	07/30/2008	Bob Murphy	Stream Mouth Bay	G	0	20,000	0	0	0	ALL SOCKEYE ARE FROM LOWER LAKE AND ALL THE WAY UP RIVER
Yellow Bluff Creek, 317-204B	07/30/2008	Bob Murphy	Stream Mouth Bay	G	1,200	2,000	0	0	3,000	
Meshik River, 317-207A	06/22/2008	Bob Murphy	Stream Mouth Bay	G	0	1,000	0	0	0	MOST SOCKEYE ARE JUST ENTERING THE RIVER NOW, MILES BELOW SCOTTY'S ISLAND. THREE SUBSISTENCE NETS ARE FISHING IN FRONT OF PORT HEIDEN VILLAGE.
MANY	06/27/2008	Bob Murphy	Stream Mouth Bay	P	0	0	0	0	0	MANY COULD NOT SEE FISH DUE TO EXTREME TURBIDITY
	07/03/2008	Bob Murphy	Stream Mouth Bay	F	0	25,000	0	0	0	SURVEYED FROM BAY TO WITHIN TEN MILES OF MESHIK LAKE. THE FISH ARE THROUGHOUT BUT MOSTLY UP RIVER, WELL ABOVE SCOTTY'S ISLAND
	08/04/2008	Bob Murphy	Stream Mouth Bay	G	1,800	17,500	0	0	4,000	500 SOCKEYE CARCASSES IN RIVER; 12,000 SOCKEYE IN RIVER; 5,000 SOCKEYE IN LAKE
	09/08/2008	Bob Murphy	Stream Mouth Bay	G	0	0	27,000	0	0	COHO FROM BAY TO FOUR MILES ABOVE SCOTTY'S ISLAND
Braided Creek, 317-207B	07/30/2008		Stream	G	800	2,000	0	0	1,200	

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Stream	Date	Observer	Location	Visi- bility	Species					Observer Remarks
					Chinook	Sockeye	Coho	Pink	Chum	
Bob Murphy			Mouth Bay							
Landlocked (hotspr.), 317-207C	07/30/2008	Bob Murphy	Stream Mouth Bay	G	0	9,000	0	0	0	
Branch Of Landlocked, 317-207D	07/30/2008	Bob Murphy	Stream Mouth Bay	G	0	7,000	0	0	0	ALL SOCKEYE ARE LOCATED IN BLUFF CREEK
Blue Violet Creek, 317-207E	07/30/2008	Bob Murphy	Stream Mouth Bay	G	7,000	8,000	0	0	0	2,000 OF THE 8,000 SOCKEYE ARE LOCATED IN SLEEPY CREEK
Wolf Creek, 317-207F	08/04/2008	Bob Murphy	Stream Mouth Bay	G	0	1,500	0	0	300	
Unnamed, 317-207G	08/04/2008	Bob Murphy	Stream Mouth Bay	G	0	0	0	0	500	500 CHUMS AT CONFLUENCE
Shoe Creek, 317-207H	08/04/2008	Bob Murphy	Stream Mouth Bay	G	700	300	0	0	4,000	
Unnamed, 317-207J	08/04/2008	Bob Murphy	Stream Mouth Bay	G	0	50	0	0	300	
Unnamed, 317-207K	08/04/2008	Bob Murphy	Stream Mouth Bay	G	2,000	4,000	0	0	0	

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Stream	Date	Observer	Location	Visi- bility	Species					Observer Remarks
					Chinook	Sockeye	Coho	Pink	Chum	
Unnamed, 317-207L	08/04/2008	Bob Murphy	Stream Mouth Bay	G	800	4,000	0	0	2,000	
Unnamed, 317-207M	07/30/2008	Bob Murphy	Stream Mouth Bay	G	0	300	0	0	3,000	FISH IN FURTHEST SOUTH CREEK
Unnamed, 317-207N	07/30/2008	Bob Murphy	Stream Mouth Bay	G	0	0	0	0	0	ZERO FISH IN RIVER
	08/04/2008	Bob Murphy	Stream Mouth Bay	G	0	6,000	0	0	0	SOCKEYE ARE FAR UP RIVER
Plenty Bear Creek, 317-207O	07/30/2008	Bob Murphy	Stream Mouth Bay	G	1,200	3,000	0	0	4,000	
Waterfall Creek, 317-207P	07/30/2008	Bob Murphy	Stream Mouth Bay							TOO WINDY TO SURVEY
	08/04/2008	Bob Murphy	Stream Mouth Bay	G	0	600	0	0	500	
Rainbow Creek, 317-207R	07/30/2008	Bob Murphy	Stream Mouth Bay	G	1,700	3,000	0	0	4,000	
Cub Creek, 317-207T	08/04/2008	Bob Murphy	Stream Mouth Bay	G	0	0	0	0	800	

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Stream	Date	Observer	Location	Visi- bility	Species					Observer Remarks
					Chinook	Sockeye	Coho	Pink	Chum	
Cinder River 2001, 318-2001	09/08/2008	Bob Murphy	Stream Mouth Bay	G	0	0	22,000	0	0	
Mud Creek, 318-2004	07/30/2008	Bob Murphy	Stream Mouth Bay	G	0	33,000	0	0	0	CREEK A - 18,000 SOCKEYE; CREEK B - 4,000 SOCKEYE IN LAKE; CREEK C - 11,000 OF WHICH 8,000 STILL FRESH AND 3,000 IN CREEK THAT FLOWS INTO LAKE
	09/08/2008	Bob Murphy	Stream Mouth Bay	G	0	0	500	0	0	
Cinder River, Main, 318-206A	07/30/2008	Bob Murphy	Stream Mouth Bay	G	3,500	33,000	0	0	18,000	SOCKEYE - 24,000 MAINSTREAM AND 9,000 STILL TRAVELING UP RIVER; CHUM - LOWER PART OF THE RIVER
Unnamed, 318-206B	07/30/2008	Bob Murphy	Stream Mouth Bay	G	300	0	0	0	2,000	
Unnamed, 318-206C	07/30/2008	Bob Murphy	Stream Mouth Bay	G	0	1,800	0	0	1,200	
Lava Creek, 318-206D	07/30/2008	Bob Murphy	Stream Mouth Bay	G	0	44,000	0	0	0	
High Creek, 318-206E	07/30/2008	Bob Murphy	Stream Mouth Bay	G	0	4,000	0	0	0	
Meloy Creek, 318-206H	07/30/2008	Bob Murphy	Stream Mouth Bay	G	4,000	6,800	0	0	0	

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Stream	Date	Observer	Location	Visi- bility	Species			Chum	Observer Remarks	
					Chinook	Sockeye	Coho			
Wiggly Creek, 318-206J	07/30/2008	Bob Murphy	Stream Mouth Bay	G	1,200	5,000	0	0	0	
Ray Creek, 318-206K	07/30/2008	Bob Murphy	Stream Mouth Bay	G	100	2,200	0	0	0	
Unnamed, 318-206L	07/30/2008	Bob Murphy	Stream Mouth Bay	G	0	0	0	0	2,000	

**APPENDIX B. NORTH ALASKA PENINSULA TEST  
FISHERY, 2008**

Appendix B1.-North Bear River test fishery results for August 6, 2008.

Date	8/6/2008	Total Sockeye: 588
Port Moller High Tide	4:04 PM, 9.7 ft	Total Sets: 7
Port Moller Low Tide	9:19 AM, 1.0 ft	Total Soak Time: 8:08:00
Fishing Vessel & Skipper Name	F/V Flipper/Randy Cheshier	
Mesh Size	4 1/2 "	
ADFG Observer		

SETS					
	1st	2nd	3rd	4th	
Location Description	0.5 mile north of the church; 0.5 miles out	Off the church, beach and out	Northern 1,000 yard Bear River marker	Just north of the Bear River mouth, beach set	
GPS Latitude	56° 10.982' N	56° 10.127' N	56° 10.125' N	56° 09.764' N	
GPS Longitude	160° 26.270' W	160° 26.167' W	160° 26.319' W	160° 26.621' W	
Amount of net used	200 ftms	200 ftms	200 ftms	200 ftms	
Net in the water	10:51 AM	11:37 AM	12:49 PM	2:25 PM	
Started picking	11:20 AM	12:02 PM	1:28 PM	3:20 PM	
Net out of the water	11:29 AM	12:39 PM	2:10 PM	3:45 PM	
Soak Time	0 hrs 38 mins	1 hr 2 mins	1 hr 21 mins	1 hr 20 mins	
	<b>CATCH AMOUNTS</b>				
					<b>Totals</b>
Sockeye	6	126	123	172	427
Chinook	0	0	0	0	0
Pink	0	2	0	0	2
Chum	3	2	0	4	9
Coho	3	0	0	0	3
Starry Flounder	0	0	0	0	0
Other Species	0	0	0	0	0

**Date** 8/6/2008  
**Fishing Vessel** F/V Flipper, Skipper Randy Cheshier

SETS				
	5th	6th	7th	
Location Description	Just north of the Bear River mouth, beach set	Just south of Bear River's new opening	South of Bear River, beach set	
GPS Latitude	56° 09.785' N	56° 09.395' N	56° 09.128' N	
GPS Longitude	160° 26.616' W	160° 26.774' W	160° 26.950' W	
Amount of net used	200 ftms	200 ftms	200 ftms	
Net in the water	3:58 PM	5:45 PM	6:56 PM	
Started picking	4:59 PM	6:08 PM	7:44 PM	
Net out of the water	5:33 PM	6:44 PM	8:09 PM	
Soak Time	1 hr 35 mins	0 hrs 59 mins	1 hr 13 mins	<b>Total Soak</b> 8:08:00
CATCH AMOUNTS				
				Totals
Sockeye	72	67	22	588
Chinook	0	0	0	0
Pink	0	0	0	2
Chum	3	2	0	14
Coho	0	0	0	3
Starry Flounder	0	0	0	0
Other Species:	0	0	0	0

Appendix B2.—South Bear River test fishery results for August 6, 2008.

Date	8/6/2008	Total Sockeye: 525
Port Moller High Tide	4:04 PM, 9.7 ft	Total Sets: 4
Port Moller Low Tide	9:19 AM, 1.0 ft	Total Soak Time: 7:15:00
Fishing Vessel Name & Skipper	F/V Jordan M/Tom Bertman	
Mesh Size	4 1/2 "	
ADFG Observer	Robert Murphy	

SETS					
	1st	2nd	3rd	4th	
Location Description	at Whalehole, 0.5 mile offshore and out	at Whalehole, on beach	approximately 0.5 mile south of Bear River	0.5 miles north of the church	
GPS Latitude	56° 07.543' N	56° 07.366' N	56° 08.679' N	56° 10.581' N	
GPS Longitude	160° 27.763' W	160° 27.119' W	160° 27.063' W	160° 25.657' W	
Amount of net used	200 ftms	200 ftms	200 ftms	200 ftms	
Net in the water	10:59 AM	12:41 PM	2:40 PM	5:08 PM	
Started picking	11:40 AM	1:49 PM	4:32 PM	6:42 PM	
Net out of the water	11:49 PM	2:25 PM	4:51 PM	7:38 PM	<b>Total Soak</b>
Soak Time	0 hrs 50 mins	1 hr 44 mins	2 hrs 11 mins	2 hrs 30 mins	7:15:00
CATCH AMOUNTS					<b>Totals</b>
Sockeye	12	119	79	315	525
Chinook	0	0	0	0	0
Pink	0	0	0	0	0
Chum	0	12	11	13	36
Coho	1	2	1	2	6
Starry Flounder	2	3	4	3	12
Irish Lord	1	1	1	2	5
Other Species	0	0	0	0	0

Appendix B3.—South Bear River test fishery results for August 9, 2008.

Date	Saturday, August 09, 2008	Total Sockeye: 661
Port Moller High Tide	5:28 AM, 9.1 ft.	Total Sets: Four
Port Moller Low Tide	11:37 AM, -0.1 ft.	Total Soak Time: 5:59:00
Fishing Vessel name & Skipper	F/V Viking/John Lidwick	
Mesh Size	4 1/2"	
ADFG Observer	Robert Murphy	

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SETS					
	1st	2nd	3rd	4th	
Location Description	at Whalehole, on the beach	~0.5 mile north of Whalehole, on the beach, south of Bear River's mouth	0.5 mile south of Bear River's mouth	beach set, 0.5 miles north of the church	
GPS Latitude	56° 07.271' N	56° 08.10' N	56° 08.35' N	56° 08.58" N	
GPS Longitude	160° 27.377' W	160° 27.33' W	160° 27.14' W	160° 26.54' W	
Amount of net used	200 ftms	200 ftms	200 ftms	200 ftms	
Net in the water	10:48 AM	1:02 PM	3:15 PM	5:12 PM	
Started picking	11:52 AM	2:20 PM	4:28 PM	5:22 PM	
Net out of the water	12:40 PM	3:03 PM	4:55 PM	5:38 PM	<b>Sets 1-4</b>
Soak Time	1 hr 52 mins	2 hrs 01 mins	1 hr 40 mins	0 hrs 26 mins	5:59:00
CATCH AMOUNTS					<b>Totals</b>
Sockeye	275	185	128	73	661
Chinook	0	0	0	0	0
Pink	0	0	0	0	0
Chum	9	11	4	0	24
Coho	4	12	3	2	21
Starry Flounder	3	2	3	0	8
Other Species: Irish Lord	3	3	3	0	9

Appendix B4.—North Bear River test fishery results for August 9, 2008.

Date	Saturday, August 09, 2008	Total Sockeye: 621
Port Moller High Tide	5:28 AM, 9.1 ft.	Total Sets: Four
Port Moller Low Tide	11:37 AM, -0.1 ft.	Total Soak Time: 5:20:00
Fishing Vessel & Skipper	F/V Steppin' Stone/Mark Andrich	
Mesh Size	4 1/2"	
ADFG Observer	Robert Murphy	

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SETS					
	1st	2nd	3rd	4th	
Location Description	just south of Sandy River, 0.11 and out - too shallow to go to the beach	south of Sandy River, beach set <sup>a</sup>	beach set, north of the church	beach set, 0.5 miles north of the church	
GPS Latitude	56° 13.579' N	56° 13.202' N	56° 10.279' N	56° 10.331' N	
GPS Longitude	160° 24.075' W	160° 24.151' W	160° 26.730' W	160° 25.809' W	
Amount of net used	200 ftms	200 ftms	200 ftms	200 ftms	
Net in the water	10:59 AM	12:17 PM	1:37 PM	3:37 PM	
Started picking	11:42 AM	12:49 PM	2:37 PM	4:37 PM	
Net out of the water	12:05 PM	1:10 PM	3:18 PM	5:15 PM	<b>Total Soak</b>
Soak Time	1 hr 6 mins	0 hr 53 mins	1 hr 43 mins	1 hr 38 mins	5:20:00
CATCH AMOUNTS					
					<b>Totals</b>
Sockeye	97	23	166	345	631
Chinook	0	0	0	0	0
Pink	0	0	0	0	0
Chum	8	8	0	12	28
Coho	7	12	0	3	22
Starry Flounder	0	0	0	0	0
Other Species:	0	0	0	0	0

**APPENDIX C. NORTH ALASKA PENINSULA  
MANAGERS NOTES, 2008**

The following notes are observations made by the lead author of events or general trends that have been observed. These observations are based on 19 years of experience in the Port Moller area while spending four months per year observing more than just commercial fisheries. By no means is this section substantiated with other than my observations and general conclusions. The information presented here may not be found elsewhere and it is that reason that it is documented in this report. It is my opinion that this information may be of value to others either now or in the future.

In late November and early December 2007, an exceptionally large flood event occurred in areas of the North Alaska Peninsula. The flood was the result of a rain on snow event; a large warm weather system brought 100+ mph winds and large amounts of rain, causing much of the snow in the mountains to melt. Little is known about the specifics of the flood as there are no weather stations in the area and few witnesses. However, there were folks located at Bear Lake Lodge when the storm occurred. The entire lodge and ADF&G cabin were surrounded by water. The lodge suffered damage to outbuildings some of which were either destroyed or were moved down river. ADF&G suffered substantial losses to the wooden weir tripods that were located on the southwest bank; all were swept downriver several miles and ruined. Aluminum weir panels and stringers were also scattered around. The flooding and damage by the storm was evident on an ADF&G preliminary flight to assess the damage in April 2008, as well as observations throughout the summer months in 2008.

Landslides and channel scouring in the upper Bear River watershed deposited a large amount of fine sediment in Bear Lake. This sediment remained suspended in the water column throughout the summer of 2008. Due to the reduced visibility in Bear Lake, modifications had to be made to the weir so that fish could be counted in the turbid water. These modifications forced fish to swim closer to the surface of the water while going through the weir. Due to channel scouring near the traditional weir site, placement of the weir in 2008 was several hundred yards downstream of the traditional site.

The outlet channel at Bear Lake changed substantially from this event. The channel is much deeper now and has caused the water level of Bear Lake to drop several feet exposing substrate along the lake bank that I have never seen before. Much of this substrate has been important beach spawning sites for sockeye salmon.

Based on a flood line around King Salmon River, it appears that much of the low land valley around King Salmon River was under water. This flood line indicates the river likely came up about 10 feet. Because of mud/landslides in the mountains at the head of King Salmon River, the King Salmon River remained murky throughout the 2008 field season and was unfishable for sport fishermen. Escapement surveys were not possible because of the excessive turbidity of the river. Although there was some flooding at Sandy River, it did not appear to be as severe as what occurred at Bear River. In the Inik River system there was no large scale debris buildup and since the Inik system consists of many spring fed creeks, it is doubtful there was any flooding in this system. There was flooding at the Nelson (Sapsuk) River weir site, but it did not appear to be as severe as what happened at Bear River.

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The impact to the salmon resource in the area is unknown at this time but there were large amounts of scouring that occurred on the upper spawning grounds of Bear Lake especially around Red, Cub, and Clear creeks, as well as the outlet channel at Bear Lake. There were large land slides at the head of Bear Lake as well as Port Moller Bay. This all occurred while the eggs were still deposited in the gravel and surely resulted in egg loss. As mentioned, the landslides increased turbidity in Bear Lake, which likely has reduced overall lake production. The full impact of the flood and resulting affects on the 2007 production will be more fully understood in 2012 and 2013 and after.

Based on my extensive experience with the local area ptarmigan population, in 2008 the population was low and has been declining and getting worse over the past five years or so. There have been good berry crops so the decline is likely due to other factors. The wolf population is the highest in my 19 years in the area. It is almost routine to see fresh wolf tracks throughout the area and for the first time in 2008 tracks have been observed within 50 yards of the ADF&G office in Port Moller. Field camp personnel at the Nelson, Bear, Sandy, and Inik rivers all reported seeing wolves which is uncommon. The caribou population is still low and it is uncommon to see them. The fox population appears to be declining. They are still observed, but not as common as they have been in past years. Porcupine, although uncommon in the past, have not been observed in about 10 years. The occasional Arctic Hare that was observed in the Port Moller area are also less abundant than in past years. The annual migration of waterfowl through the Port Moller area in August and September had a noticeable increase in the numbers of Emperor Geese. Emperor Geese typically stop and rest in and around Port Moller and did so in greater numbers than in past years. Sandhill Crane populations appear to be the same as in past years.

Bob Murphy

Commercial Fisheries Area Management Biologist

Port Moller

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