

Fishery Management Report No. 14-16

**North Alaska Peninsula Commercial Salmon Annual
Management Report, 2013**

by

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and

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March 2014

Alaska Department of Fish and Game

Divisions of Sport Fish and Commercial Fisheries



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

FISHERY MANAGEMENT REPORT NO. 14-16

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March 2014

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This document should be cited as:

Wilburn, D. M., and R. L. Murphy. 2014. North Alaska Peninsula commercial salmon annual management report, 2013. Alaska Department of Fish and Game, Fishery Management Report No. 14-16, Anchorage.

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TABLE OF CONTENTS

	Page
LIST OF TABLES.....	ii
LIST OF FIGURES.....	iii
LIST OF APPENDICES.....	iii
ABSTRACT.....	1
INTRODUCTION.....	1
Geography.....	1
Gear.....	2
Regulatory Season.....	2
Inseason Management.....	2
Escapement Goals.....	3
Run Timing.....	4
HARVEST BY SPECIES.....	4
Chinook Salmon.....	4
Sockeye Salmon.....	4
Coho Salmon.....	5
Pink Salmon.....	5
Chum Salmon.....	5
ESCAPEMENT BY SPECIES.....	5
Chinook Salmon.....	5
Sockeye Salmon.....	6
Coho Salmon.....	8
Pink Salmon.....	8
Chum Salmon.....	8
COMMERCIAL SALMON FISHERY SUMMARY, 2013.....	8
Northwestern District.....	9
Northern District.....	9
EMERGENCY ORDERS.....	12
REFERENCES CITED.....	13
TABLES AND FIGURES.....	15
APPENDIX A. NORTH ALASKA PENINSULA SALMON ESCAPEMENT, 2013.....	113
APPENDIX B. NORTH ALASKA PENINSULA TEST FISHERY, 2013.....	137

LIST OF TABLES

Table	Page
1. North Alaska Peninsula salmon runs by species, 1962–2013.	16
2. North Alaska Peninsula salmon harvest by species, week, and section, all gear combined, 2013.	21
3. Northern District Chinook salmon runs in number of fish, by section, 1962–2013.	27
4. Northern District sockeye salmon runs in number of fish, by section, 1962–2013.	34
5. Port Moller Bight, Bear River, Three Hills, and Ilnik sections combined salmon harvest by species and day, 2013.	41
6. North Peninsula coho salmon harvest in number of fish by district and section, 2003–2013.	43
7. Northwestern District pink salmon runs in number of fish, 1962–2013.	44
8. Northern District chum salmon runs in number of fish, 1962–2013.	49
9. Northwestern District chum salmon runs in number of fish, 1962–2013.	56
10. Chinook, pink, chum, and coho salmon daily and cumulative escapement counts through the Nelson River weir, 2013.	61
11. Chinook, pink, chum, and coho salmon daily and cumulative escapement counts through the Bear River weir, 2013.	62
12. Chinook, pink, chum, and coho salmon daily and cumulative escapement counts through the Sandy River weir, 2013.	64
13. Chinook, pink, chum, and coho salmon daily and cumulative escapement counts through the Ilnik River weir, 2013.	65
14. Historical North Alaska Peninsula sockeye salmon escapements and escapement goals, 1986–2013.	66
15. Sockeye salmon daily and cumulative escapement counts through the Nelson River weir, 2013.	67
16. Bear River sockeye salmon early and late run escapement, late run commercial catch, and total Bear River late run by year, 1986–2013.	69
17. Sockeye salmon daily and cumulative escapement counts through the Bear River weir, 2013.	70
18. Sockeye salmon daily and cumulative escapement counts through the Sandy River weir, 2013.	73
19. Sockeye salmon daily and cumulative escapement counts through the Ilnik River weir, 2013.	75
20. North Peninsula salmon harvest by species and day, 2013.	77
21. North Peninsula salmon harvest by district, statistical area, and section, 2013.	80
22. Northwestern District sockeye salmon runs (number of fish), 1962–2013.	81
23. Emergency order summary for the North Alaska Peninsula commercial salmon fishery, 2013.	86
24. Nelson Lagoon Section salmon harvest by species and day, 2013.	92
25. Bear River Section salmon harvest by species and day, 2013.	94
26. North Alaska Peninsula salmon test fish catches, 2001–2013.	95
27. Three Hills Section salmon harvest by species and day, 2013.	96
28. Ilnik Section salmon harvest by species and day, 2013.	97
29. Outer Port Heiden Section salmon harvest by species and day, 2013.	98
30. Alaska Peninsula (Area M) and Bristol Bay (Area T) overlap area commercial salmon catch, in number of fish by gear and permit, 1975–2013.	99

LIST OF FIGURES

1.	Map of Alaska Peninsula with North Peninsula commercial salmon fishing districts.	102
2.	North Alaska Peninsula from Nelson Lagoon to Cape Menshikof, with selected commercial salmon fishing sections, season opening dates, and major sockeye salmon systems.....	103
3.	Alaska Peninsula (Area M) and Bristol Bay (Area T) commercial salmon fishing overlap areas.	104
4.	Map of the five fishing sections with moving closed water restrictions from the 3 mile boundary line shoreward to 1.5 miles from June 20–July 31.	105
5.	North Alaska Peninsula commercial sockeye salmon harvest, 1962–2013.....	106
6.	Port Moller Bight, Bear River, Three Hills, Ilnik and Outer Port Heiden sections commercial sockeye salmon harvest, 1985–2013.....	107
7.	North Alaska Peninsula sockeye salmon escapement, 1962–2013.	108
8.	Nelson Lagoon commercial sockeye salmon harvest, 1987–2013.	109
9.	Nelson Lagoon commercial sockeye salmon harvest by week, 2013.....	110
10.	Port Moller to Cape Seniavin, Cape Seniavin to Strogonof Point and Outer Port Heiden sockeye salmon catch by week, 2013.....	111
11.	Number of permits fished in the Ilnik, Three Hills, Bear River, and Outer Port Heiden sections, 1990–2013.....	112

LIST OF APPENDICES

A1.	North Alaska Peninsula estimated total escapement for Chinook, sockeye, pink, and chum salmon, and peak escapement counts for coho salmon, 2013.....	114
A2.	North Alaska Peninsula aerial salmon surveys, 2013.....	118
B1.	North Bear River test fishery results for August 4, 2013.	138
B2.	South Bear River test fishery results for August 4, 2013.	139
B3.	North Bear River test fishery results for August 5, 2013.	140
B4.	South Bear River test fishery results for August 5, 2013.	141

ABSTRACT

This report summarizes the 2013 season and historical data concerning management of the commercial salmon fisheries of the Northwestern and Northern districts of the North Alaska Peninsula in the Alaska Peninsula Management Area (Area M). Most commercial salmon fishing effort on the North Alaska Peninsula targeted sockeye salmon *Oncorhynchus nerka*. The 2013 commercial salmon harvest on the North Alaska Peninsula was 571 Chinook *O. tshawytscha*, 721,336 sockeye, 27,452 coho *O. kisutch*, 5,281 pink *O. gorbuscha*, and 130,939 chum *O. keta* salmon. Chinook salmon harvest was the lowest reported since 1962, with the majority occurring in the Nelson Lagoon Section. The sockeye salmon harvest in the Northern District of 697,238 fish was below the 2003–2012 average harvest of 2,049,017 fish and the lowest harvest on record since 1977. Of the Northern District harvest, 64% (447,523 fish) were harvested in the sections between Port Moller Bight and Outer Port Heiden. The chum salmon harvest of 130,939 fish was below the ten-year average of 152,822 fish, with about 66% (86,382 fish) of the harvest occurring in the Northwestern District. Approximately 48% of chum salmon harvested in the Northern District were caught in the Black Hills Section, the rest were caught incidentally during sockeye salmon fisheries in other sections. Nearly all Northwestern District chum salmon harvest came from directed fisheries.

Total sockeye salmon escapement for North Alaska Peninsula streams was 1,010,400 fish, similar to the 2003–2012 average of 1,081,421 fish. Approximately 76% of the sockeye salmon escapement occurred in the Northern District's four systems in which sockeye salmon escapements are enumerated with weirs (Nelson, Bear, Sandy, and Ilnik rivers).

At the 2013 February/March Board of Fisheries meeting, new regulations in the Northern District were adopted for the conservation of the Bear and Nelson rivers sockeye salmon stocks as well as the Ugashik River (Area T) sockeye salmon stocks. The 2013 commercial fishing season was the first year these regulation changes were implemented.

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

The purpose of this report is to document catch and escapement data, and to provide commercial salmon fishermen, buyers, and the Alaska Board of Fisheries (BOF) a context with which to compare the 2013 North Alaska Peninsula commercial salmon catch and escapement with historical information.

GEOGRAPHY

North Alaska Peninsula

The North Alaska Peninsula portion of the Alaska Peninsula Management Area (Area M) includes those waters of the Alaska Peninsula from Cape Sarichef to Cape Menshikof and consists of 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 and includes the Nelson Lagoon, Bear River, Three Hills, Ilnik, and Outer Port Heiden sections (Figure 2). In addition to these sections, smaller directed commercial salmon fisheries occur in other areas of the North Alaska Peninsula.

Alaska Peninsula and Bristol Bay Salmon Overlap Area

The Alaska Peninsula Area (Area M) and Bristol Bay Area (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.

Since 1985, most of the effort in the Cinder River Section has been from Area T permit holders. Prior to 2013, Area T permit holders were allowed to fish during the open season in the Inner Port Heiden and Cinder River sections except during the month of July. In 2013, the Alaska Board of Fisheries (board) allowed Area T permit holders to fish in the Inner Port Heiden Section and in the inner portion of the Cinder River Section during all months of the commercial fishing season. 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 board 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).

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 District drift gillnet is by far the most widely used gear. In the Northwestern District, use of purse seine gear equals or exceeds drift gillnet gear in some years.

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 (5 AAC 09.310). The Three Hills Section may open to commercial salmon fishing on June 25. Fishing is allowed beginning June 20 in that portion of the Ilnik Section southwest of Unangashak Bluffs if sockeye salmon escapement meets or exceeds interim escapement objectives in the Ilnik River (Figure 2). In that 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. A portion of the Outer Port Heiden Section may open to commercial salmon fishing beginning on June 20 if sockeye salmon escapement in the Meshik River is 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 for the conservation of Ugashik River sockeye salmon 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, and 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 salmon systems: Nelson, Bear, Sandy, Ilnik, and Meshik rivers

(Murphy and Wilburn 2013). 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 from a fixed wing aircraft are used to enumerate salmon in other systems that do not have weirs.

At the February/March 2013 Board of Fisheries meeting, the board adopted new regulations in the Northern District for the conservation of Bear and Nelson rivers sockeye salmon stocks as well as conservation of Bristol Bay sockeye salmon. ADF&G will continue to manage the commercial fisheries in the Northern District based on the inseason evaluation of local stock abundance and escapement objectives; however from June 20 through July 31, ADF&G will also manage the Bear, Three Hills, and Ilnik sections to allow passage of sockeye salmon from the northeast to the southwest of the Northern District. For management purposes, the three sections are separated into five areas; South Bear, North Bear, Three Hills, SW Ilnik and NE Ilnik (Figure 4). The waters in one of the five areas that are between the three-mile seaward boundary line, described in 5 AAC 09.301, and a line that is 1.5 nmi shoreward of the three-mile seaward boundary are closed for one 24-hour period during a seven-day period. The waters located to the southwest of the open waters where a 24-hour closure has occurred will have sequential closures that allow fishing in the waters only out to the one and one-half mile line, described in this subsection, for the first 24 hours of an open fishing period. Due to lengthy fishing closures in the Bear River, Three Hills, and Ilnik sections in 2013, these sequential closures were implemented for only one fishing period in each of the areas.

For the conservation of Bristol Bay sockeye salmon stocks, the Outer Port Heiden Section allowable fishing area was reduced to the baseline out to 1.5 nautical miles instead of three nautical miles (5 AAC 09.350 (3)(A)). By regulation, these closed waters were in effect for the entire fishing season of the Outer Port Heiden Section.

ESCAPEMENT GOALS

Weir counts and aerial surveys are used to estimate escapement.¹ 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, systems assigned a BEG are managed for escapements providing 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 or age was not consistently measured. Methods used to develop SEGs include the percentile approach and risk analyses models (Sagalkin and Erikson 2013). 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. It is used in situations where a BEG cannot be estimated or managed for due to the absence of a stock specific catch estimate.

¹ The Sustainable Salmon Fisheries Policy (5 AAC 39.222) defines escapement as the annual estimated size of the spawning salmon stock; quality of the escapement may be determined not only by numbers of spawners, but also by factors such as sex ratio, age composition, temporal entry into the system, and spatial distribution within the salmon spawning habitat.

The commercial salmon fisheries on the North Alaska Peninsula are managed using escapement goals developed using the aforementioned criteria and methods. The inseason escapement at each system with an established goal determines how the fisheries are managed.

RUN TIMING

The timing of sockeye salmon returning to North Alaska Peninsula streams varies by system and stock, but the majority of the sockeye salmon runs occur from early June to late July. Local sockeye salmon stocks are managed in the Nelson Lagoon to the 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 (Murphy and Hartill 2009). Bear River supports two distinct sockeye salmon runs. Bear River early run begins in early June, peaks in early July, and ends in late July. Bear River late run starts in late July, peaks in mid-August, and ends in September (Ramstad 1998). The Sandy, Ilnik, Meshik and Cinder rivers run timing closely parallels the Bear River early run, beginning in early June and ending in late July (Murphy and Hartill 2009). In 2013, North Peninsula sockeye salmon runs were 7–14 days earlier than usual.

HARVEST BY SPECIES

CHINOOK SALMON

The 2013 North Alaska Peninsula commercial Chinook salmon harvest of 571 fish was well below the most recent 10-year average (2003–2012) of 5,057 fish (Table 1). This was the lowest harvest on record from 1962–2012. Historically, the vast majority of Chinook salmon harvest occurred in the Northern District incidental to sockeye salmon fisheries, although periodically there were directed fisheries. In 2013, the Chinook salmon harvest of 346 fish in the Nelson Lagoon Section was below the 10-year average of 1,397 fish (Tables 2 and 3). The Bear River Section harvest of 55 Chinook salmon, occurred incidental to the sockeye salmon fisheries and was also below the 10-year average of 1,725 fish (Tables 2 and 3). The Three Hills and Ilnik sections combined harvest of 75 Chinook salmon was also well below the 10-year average of 1,378 fish (Tables 2 and 3). The Outer Port Heiden Section, which reopened in 2007 for the first time since 1989, had a harvest of 50 Chinook salmon. This was the lowest Chinook salmon harvest since the Outer Port Heiden Section reopened. There was no commercial fishing effort in the Inner Port Heiden Section in 2013 (Table 3).

SOCKEYE SALMON

The 2013 North Alaska Peninsula sockeye salmon harvest of 721,336 fish (Table 1) was well below the most recent 10-year average harvest of 2,115,900 as well as the 1993–2012 average harvest of 2,127,333 fish (Figure 5). The 2013 harvest was the lowest since 1977 (472,006 sockeye salmon) and was about 43% of the preseason projected harvest of 1,672,000 sockeye salmon (Table 1; Eggers et. al 2013). The 2013 peak weekly harvest for sockeye salmon on the North Alaska Peninsula was from June 28 to July 4 (Table 2).

Most of the harvest occurred in the Northern District in the Nelson Lagoon, Bear River, Ilnik and Outer Port Heiden sections (Figure 1). The Nelson Lagoon sockeye salmon harvest in 2013 was 217,327 fish which was similar to the 10-year average harvest of 251,125 fish (Table 4). The Nelson Lagoon harvest made up approximately 31% of the total North Alaska Peninsula sockeye salmon harvest. The combined Port Moller Bight, Bear River, Three Hills, and Ilnik sections total harvest was 192,607 sockeye salmon (Table 5) and the Outer Port Heiden Section had a

harvest of 254,916 fish (Table 4). The combined Port Moller Bight, Bear River, Three Hills, Ilnik and Outer Port Heiden sections accounted for approximately 62% of the North Alaska Peninsula sockeye salmon harvest. Of that harvest, the Bear River Section had approximately 21% (94,335 fish), the Three Hills Section had 4% (16,983 fish), the Ilnik Section had 18% (81,289 fish) and the Outer Port Heiden Section accounted for about 57% (254,916 fish; Table 4). The proportion of harvest in the Bear River Section in 2013 was below the most recent 10-year average (26%). The Three Hills and Ilnik Sections were also below the 10-year averages of 6% and 44% respectively (Figure 6). The Outer Port Heiden Section proportion of harvest was above recent years however, it cannot be compared to a 10-year average because commercial salmon fishing was recently permitted in this section beginning in 2007. There was no commercial effort to harvest sockeye salmon in the Port Moller Bight Section in 2013 despite openings concurrent with the Bear River Section.

COHO SALMON

The 2013 North Alaska Peninsula coho salmon harvest of 27,452 fish was well below the 2003–2012 average harvest of 63,053 fish (Tables 1 and 6). Approximately 79% (21,734 fish) of the coho salmon harvest came from the Nelson Lagoon Section. The remaining Northern District sections had approximately 20% of the coho salmon harvest (5,693 fish) and the final 1% (25 fish) was harvested in the Northwestern District (Table 6). The Nelson Lagoon Section typically has the highest coho salmon harvest, followed by either the Bear River or Ilnik sections.

PINK SALMON

The 2013 North Alaska Peninsula pink salmon *O. gorbuscha* harvest of 5,281 fish was well below the 2003–2012 odd-year average harvest of 108,850 fish (Table 1). Pink salmon harvested in the Northern District are caught incidental to fisheries for other salmon species. The majority of the pink salmon harvest in 2013 occurred in the Northwestern District (3,123 fish) and was well below the 2003–2012 odd-year average harvest of 104,603 fish (Table 7).

CHUM SALMON

The 2013 North Alaska Peninsula chum salmon *O. keta* harvest of 130,939 fish was below the 2003–2012 average harvest of 152,822 fish and well below the projected harvest of 224,000 fish (Table 1). In the Northern District, the harvest of 44,557 fish was below the 2003–2012 average of 62,177 fish (Table 8). The majority of the harvest in the Northern District was caught in the Black Hills Section (21,185 fish; Table 2) in July, due to area closures in the traditional sockeye salmon fishing areas at that time of year. The remainder of the chum salmon harvest in the Northern District occurred incidental to sockeye salmon fishing. The Northwestern District chum salmon harvest of 86,382 fish was also below the 10-year average of 90,644 fish (Table 9). The majority of the chum salmon harvest in the Northwestern District occurred in the Izembek-Moffet Bay section with 77,037 fish (Table 9).

ESCAPEMENT BY SPECIES

CHINOOK SALMON

The 2013 North Alaska Peninsula estimated total Chinook salmon escapement of 4,346 fish was well below the 2003–2012 average of 20,252 fish (Table 1). The 2013 Nelson River Chinook salmon escapement of 1,221 fish was below the BEG range of 2,400-4,400 fish (Sagalkin and

Erikson 2013; Table 10 and Appendix A1). 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 725 fish, which was less than the 2003–2012 average of 2,642 fish (Table 3). The Bear River 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. No Chinook salmon passed the Ilnik River weir in 2013 (Table 13). The Chinook salmon escapement of 375 fish into the Inner Port Heiden Section (the Meshik River and its tributaries) was below the 10-year average of 6,240 fish (Table 3; Appendix A1). In the Cinder River Section, 1,100 Chinook salmon were documented, which was below the 2003–2012 average of 4,509 fish (Table 3; Appendix A1).

SOCKEYE SALMON

The 2013 North Alaska Peninsula estimated total sockeye salmon escapement of 1,010,400 fish, which included weir and aerial survey counts, was similar to the 2003–2012 average estimated escapement of 1,081,421 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 (Witteveen et al. 2009). The systems with an SEG are Christianson Lagoon (25,000–50,000 fish), Swanson Lagoon (6,000–16,000 fish), North Creek (4,400–8,800 fish), Bear River (early run 176,000–293,000 fish, late run 117,000–195,000 fish, or combined 293,000–488,000 fish), Sandy River (34,000–74,000 fish), Ilnik River (40,000–60,000 fish), Meshik River (25,000–100,000 fish), and Cinder River (12,000–48,000 fish; Witteveen et al. 2009). Nelson River is the only system on the North Alaska Peninsula with a BEG (97,000–219,000 fish; Sagalkin and Erikson 2013). The systems most often considered in management decisions and the historical escapements and goal ranges are detailed in Table 14. In 2013 two systems exceeded their escapement goals; Nelson River (248,000 sockeye salmon) and Cinder River (64,000 sockeye salmon; Appendix A1). In addition, two systems did not meet escapement goals; Christianson Lagoon (16,500 sockeye salmon) and Swanson Lagoon (3,000 sockeye salmon).

Nelson River

In 2013, an estimated 263,000 sockeye salmon escaped into streams in the Nelson Lagoon Section (Table 4), of which 248,000 fish returned to Nelson River, 9,000 to Caribou River and 6,000 to David's River (Appendix A1). The Nelson River weir sockeye salmon escapement of 248,000 fish exceeded the escapement goal of 97,000–219,000 sockeye salmon and was above the current 10-year average of 212,051 fish (Tables 14 and 15; Sagalkin and Erikson 2013). The peak daily escapement (16,671 fish) at the Nelson River weir occurred on June 26 (Table 15).

Nelson River is the only North Alaska Peninsula river that has a female sockeye salmon escapement objective. In some years, high numbers of female sockeye salmon have been harvested, reducing the quality of escapement. To account for this, the proportion of female sockeye salmon passing the weir is determined through weekly sampling. That proportion is then extrapolated to account for the entire day's escapement. When the weir was removed on July 25, it was estimated that about 101,000 female sockeye salmon had passed the weir, within the management escapement objective of 50,000–110,000 female fish (Murphy and Wilburn 2013).

Bear River

The Bear River early and late sockeye salmon runs have separate escapement goals because both are recognized as distinct components of the run. In 2013, the Bear River early-run was within the escapement goal range of 176,000–293,000 fish, with an escapement of 219,074 sockeye salmon (Table 16). The late-run (after July 31) slightly exceeded the escapement goal of 117,000–195,000 fish, with an escapement of 196,926 sockeye salmon. The largest daily escapement at the weir in 2013 occurred on August 9 when 17,769 sockeye salmon were counted (Table 17).

Sandy River

The total 2013 Sandy River sockeye salmon estimated escapement of 42,000 fish was within the escapement goal range of 34,000–74,000 fish, and similar to the 2003–2012 average escapement of 46,150 fish (Tables 14 and 18; Sagalkin and Erikson 2013). The largest daily escapement at the Sandy River weir occurred on July 6 when 2,923 sockeye salmon were counted (Table 18).

Ilnik River

The Ocean River, a major spawning tributary that accounts for approximately 20% of the spawning sockeye salmon run in the Ilnik system, periodically empties directly into the Bering Sea instead of the Ilnik River. When this occurs, as it did in 2013, Ocean River-bound salmon can bypass the Ilnik River weir. To account for the Ocean River-bound sockeye salmon that bypass the weir, the Ilnik River escapement goal (40,000–60,000 fish) is decreased by 20% to 32,000–48,000 sockeye salmon. The remaining 8,000–12,000 fish (or 20%) is the historical proportion of the Ocean River component of the Ilnik system (Murphy and Wilburn 2013).

In 2013, the sockeye salmon escapement for the Ilnik River system (including Ocean River and Willie Creek, a tributary to Ilnik River) was 51,000 fish (Appendix A1). The weir counts and post-weir estimates on Ilnik River (31,000 fish; Table 19) reflect the total escapement numbers for Ilnik River and Willie Creek bound sockeye salmon. The Ilnik River escapement (including Willie Creek) of 31,000 fish was just below the escapement goal range of 32,000–48,000 sockeye salmon. The final sockeye salmon escapement into Ocean River (20,000 fish) was determined by aerial surveys and exceeded the Ocean River sockeye salmon escapement goal of 8,000–12,000 fish. The total 2013 Ilnik River system escapement (including Ocean River) of 51,000 sockeye salmon met the combined Ilnik River and Ocean River escapement goal of 40,000–60,000 fish, yet was below the 2003–2012 average escapement of 75,930 fish (Tables 4 and 14).

Port Heiden

Escapement into Meshik River and its tributaries are determined by aerial surveys. In 2013, 85,800 sockeye salmon were documented in the Meshik River (including Red Bluff Creek) meeting the escapement goal of 25,000–100,000 fish (Appendix A1; Sagalkin and Erikson 2013). This was slightly below the 10-year average of 90,246 fish (Table 14). Because there was no directed harvest on Meshik River fish prior to 2007, the escapement goal was routinely exceeded. Since 2007, when the Outer Port Heiden Section reopened, escapements into Inner Port Heiden have decreased and have been closer to the escapement goal.

COHO SALMON

Nelson and Ilnik rivers are the only rivers on the North Alaska Peninsula that have a coho salmon lower-bound SEG. At Nelson River the peak escapement estimate of 22,000 coho salmon (determined by aerial surveys) exceeded the goal of 18,000 fish (Appendix A1; Sagalkin and Erikson 2013). The peak escapement estimate of 13,000 coho salmon for the Ilnik River system (including tributaries) also exceeded the goal of 9,000 fish (Appendix A1; Sagalkin and Erikson 2013). Some of the larger estimated escapements occurred in the Bear River (4,000 fish), Meshik River (21,000 fish), Mud Creek (4,000 fish) and Cinder River (12,000 fish; Appendix A1). A lack of escapement information for coho salmon in the Northwestern District is due to poor survey conditions during the early portion of the coho salmon runs and to the departure of management staff from the Alaska Peninsula prior to peak coho salmon runs.

In all, approximately 100,075 coho salmon were documented by aerial surveys in 23 North Alaska Peninsula streams during 2013 (Appendix A1). It should be noted that due to budget constraints most completed surveys occurred prior to the peak of the coho salmon run.

PINK SALMON

Odd-numbered year pink salmon escapements are typically smaller than even-numbered year escapements on the Alaska Peninsula. The 2013 North Alaska Peninsula estimated total pink salmon escapement of 8,183 fish was well below the 2003–2012 odd-year average of 45,271 fish (Table 1; Appendix A1). The majority of the pink salmon escapement occurred in the Northwestern District (7,100 fish), which was below the most recent odd-numbered year average escapement of 20,418 pink salmon (Table 7; Appendix A1).

CHUM SALMON

The North Alaska Peninsula has two aggregated chum salmon escapement goals, one for the entire Northern District and one for the entire Northwestern District. In 2013, the Northern District chum salmon escapement of 137,251 fish met the goal of 119,600–239,200 fish (Table 8; Appendix A1; Sagalkin and Erikson 2013). Historically the Herendeen-Moller Bay Section has the largest chum salmon runs in the Northern District. In 2013, Herendeen and Moller bays accounted for about 32% of the total Northern District chum salmon escapement (43,600 fish; Table 8). The remaining chum salmon escapement in the Northern District is shown in Table 8. The Northwestern District chum salmon escapement of 92,800 fish did not meet the goal of 100,000–215,000 fish, and was well below the previous 10-year average of 194,999 fish (Table 9; Sagalkin and Erikson 2013). The total North Alaska Peninsula estimated chum salmon escapement of 230,051 fish was well below the 2003–2012 average of 385,814 fish (Table 1).

COMMERCIAL SALMON FISHERY SUMMARY, 2013

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 in the Northern District. The total Northern District sockeye salmon harvest of 697,238 fish was well below the 2003–2012 average of 2,049,017 fish. Of those sections, all total sockeye salmon runs (catch and escapement combined) were below the most recent 10-year averages (Table 4). However, because the Outer Port Heiden Section was closed from 1990 to 2007, that harvest information is only a six-year average (2007–2012). Although most of the commercial fishing effort targets sockeye or coho salmon in the Northern District, Chinook, chum and pink salmon

are also harvested (Table 2). A complete listing of all commercial salmon species harvested by day on the North Peninsula can be found in Table 20.

NORTHWESTERN DISTRICT

Sockeye, chum and pink salmon were the main species harvested in the 2013 Northwestern District commercial salmon fishery, with incidental catches of coho and Chinook salmon (Table 21). The Northwestern District has few large sockeye salmon producing systems and receives less commercial fishing effort than the Northern District. The 2013 sockeye salmon harvest in the Northwestern District of 24,098 fish was below the 2003–2012 average harvest of 66,884 sockeye salmon (Table 22). A total of 26 permit holders harvested all of the Northwestern District sockeye salmon catch in the Izembek-Moffet Bay Section, with the majority of those fish harvested in the Moffet Bay area (20,169 fish; Table 2 and 21). The 2013 Izembek-Moffet Bay Section sockeye salmon harvest was below the 2003–2012 average harvest of 26,557 fish (Table 22).

The Northwestern District chum salmon harvest of 86,382 fish in 2013 was similar to the 10-year average harvest of 90,644 fish (Table 9). The majority of the chum salmon harvest occurred in the Izembek-Moffet Bay Section (77,037 fish) followed by the Bechevin Bay Section (9,345 fish; Table 21). In 2013, poor survey conditions prevented ADF&G from documenting the chum salmon escapement into streams in the Izembek-Moffet Bay Section. As a result, fishing time in the Izembek-Moffet Bay Section was restricted to three 42-hour openers. The first fishing period began on July 28 and the last period began August 12 (Table 23).

The pink salmon harvest of 3,123 fish was far below the 2003–2012 odd-year average of 104,603 fish, with the majority of the harvest occurring in the Bechevin Bay Section (2,958 fish; Table 7 and 21). Bechevin Bay Section was open by emergency order for three fishing periods for a total of 210 hours in 2013. Aerial surveys in 2013 did not document sufficient escapement to warrant a commercial fishing opener in the Urilia Bay and Swanson Lagoon sections which may open to commercial salmon fishing by emergency order only (Table 23).

NORTHERN DISTRICT

Black Hills Section

The Black Hills Section may open to commercial salmon fishing starting May 1 (5 AAC 09.310 (a)(10)). Typically, the drift gillnet fleet concentrate their efforts closer to Port Moller during the bulk of the sockeye salmon runs; however, there was more participation in the Black Hills Section than normal due to the long commercial fishing closures from Port Moller to the Outer Port Heiden area in the month of July. The commercial fishing fleet targeted both sockeye and chum salmon from early-July to the beginning of August. In 2013, 49 permit holders harvested 32,373 sockeye salmon and 21,185 chum salmon in the Black Hills Section (Table 2). The sockeye salmon harvest was above the 10-year average of 21,512 fish (Table 4). The chum salmon harvest was also well above the 10-year average of 12,967 fish (Table 8). The peak weekly harvest for sockeye salmon occurred from July 5 to July 11 (8,374 fish) and for chum salmon from July 26 to August 1 (5,475 fish; Table 2). North Creek is the only river in the Black Hills Section with a sockeye salmon escapement goal. The 2013 North Creek salmon escapement

of 8,500 sockeye salmon (determined by aerial surveys) was within the escapement goal of 4,400–8,800 fish (Appendix A1; Sagalkin and Erikson 2013).

Nelson Lagoon Section

The Nelson Lagoon Section may open to commercial salmon fishing on May 1 (5 AAC 09.310 (a)(8)). Fishing times are based on the evaluation of the Nelson River sockeye salmon stocks from mid-June to mid-August (5 AAC 09.369 (e)(2)). The total Nelson River system run, consisting of the Nelson Lagoon Section harvest and escapements of all Nelson River tributaries, was 480,327 sockeye salmon (Table 4). A total of 34 permit holders harvested 217,327 sockeye salmon (Table 24) which was slightly less than the 2003–2012 average harvest of 251,125 fish (Table 4; Figure 8). During the 2013 commercial salmon fishing season, the Nelson Lagoon Section was open during most regularly scheduled weekly fishing periods throughout the season (Tables 23 and 24). The first day of salmon harvest in the Nelson Lagoon Section occurred on June 10 and the last day with a delivery was September 6. The peak daily catch was on June 27 when 27 permit holders harvested 17,250 sockeye salmon (Table 24). The largest weekly harvest in Nelson Lagoon occurred between June 21 and June 28 when 62,648 sockeye salmon were harvested (Table 2; Figure 9).

After August 15, the Nelson Lagoon Section was managed based on coho salmon run strength. The 2013 Nelson Lagoon coho salmon harvest of 21,734 fish was below the 2003–2012 average of 40,226 fish and represented about 79% of the total Northern District coho salmon harvest (Tables 6 and 21). In recent years, increased processor interest and higher prices for coho salmon have resulted in increased harvest effort. On September 6, the only on-shore processor in the area ceased buying operations.

Bear River and Three Hills Sections

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, Sandy, and Ilnik river sockeye salmon stocks through June and July (Murphy and Wilburn 2013). The main emphasis is on

In 2013, management of the Bear River and Three Hills sections was greatly influenced by a weak sockeye salmon early-run in the Bear River. Due to low escapement counts at the Bear River weir, the Bear River and Three Hills sections, were closed on June 27. The Bear River sockeye salmon escapement in July tracked minimum escapement goals; however there was not a harvestable surplus of fish to warrant commercial fishing (Table 25). On August 4 and 5, test fisheries were conducted at the mouth of Bear River to assess if there was any marine build-up of sockeye salmon and the strength of the Bear River late-run which begins on August 1. The results of these test fisheries and large escapement counts over the previous several days indicated that there was likely a harvestable surplus of fish available (Tables 25 and 26). The Bear River and Three Hills sections reopened to commercial salmon fishing on August 7 with a buffer zone around the mouth of Bear River to allow escapement while providing some commercial salmon harvest opportunity.

Harvest in the Bear River Section occurred from June 10 to September 5. A total of 61 permit holders harvested 94,335 sockeye salmon which was well below the 2003–2012 average harvest of 509,035 fish (Tables 4 and 25). The largest weekly harvest in the Bear River Section of 26,763 sockeye salmon occurred between June 21 and June 27 (Table 2; Figure 10). The largest

daily harvest of 11,444 sockeye salmon occurred on June 26 (Table 25). The total late-run harvest of 100,485 sockeye salmon was well below the most recent 10-year average of 307,335 fish while the late-run escapement (196,926 fish) was slightly above the most recent 10-year average of 160,580 fish (Table 16).

Harvest in the Three Hills Section occurred from June 25 until August 28. A total of 16,983 sockeye salmon were harvested by 27 permit holders (Tables 4 and 27). The 2013 sockeye salmon harvest was well below the most recent 10-year average of 116,398 fish. This can be attributed to an overall decrease in the average number of permits fished in the Three Hills Section (Figure 11), redistribution of the effort in the Northern District, and a reduction in fishing time due to inseason management actions implemented to protect local stocks.

Ilnik Section

The Ilnik Section may open to commercial salmon fishing on June 20, depending on escapement levels in the Ilnik and Meshik rivers (5 AAC 09.369(j)(1)(A)). Management of the Ilnik Section northeast of Unangashak Bluffs is 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 are based on Ilnik River weir escapement levels and Ocean River escapement from June 20 to July 20. Between July 21 and August 15, the Ilnik Section is based on the abundance of Bear River sockeye salmon stocks (Murphy and Wilburn 2013).

The Ilnik Section outside of Ilnik Lagoon opened to commercial salmon fishing on June 28 (Table 23). At that time, the cumulative Ilnik River sockeye salmon escapement was 14,884 fish, meeting the June 30 interim escapement objective of 12,000–20,000 fish (Table 19). The Ilnik Section areas northeast and southwest of Unangashak Bluffs, were open concurrently during commercial fishing periods. Sockeye salmon escapement into Ilnik River tracked minimum interim escapement objectives throughout the season, however there appeared to be no harvestable surplus. As a result, the entire Ilnik Section was closed to commercial salmon fishing on June 30, to protect Ilnik River-bound sockeye salmon as well as other local stocks (Table 23). After the peak of the Ilnik run, the Ilnik section remained closed until August 7 to protect the Bear River sockeye salmon run that was also struggling to meet interim escapement objectives. A total of 95 permit holders harvested 81,289 sockeye salmon in the Ilnik Section. The first harvest in the Ilnik Section occurred on June 28 and the last delivery occurred on August 17 (Table 28). About 67% of the harvest (54,834 sockeye salmon) occurred southwest of Unangashak Bluffs (Southwest Ilnik), and 33% (26,455 sockeye salmon) was harvested between Unangashak Bluffs and Strogonof Point (Table 21; Figures 2 and 3). The 2013 peak daily catch was on June 29 when 35,819 sockeye salmon were harvested (Table 28).

After August 15, by regulation, the Ilnik Section is managed on the basis of coho salmon runs into Ilnik Lagoon and the abundance of the Bear River late-run sockeye salmon stock. Despite open commercial fishing periods, there was little fishing effort during this time period in the Ilnik Section due to inclement weather and the fleet focusing its effort on sockeye salmon in the Bear River Section. A total of 1,674 coho salmon were harvested in the Ilnik section, which was well below the 2003–2012 average of 7,179 fish (Table 6 and 28).

No commercial salmon fishing effort occurred inside Ilnik Lagoon in 2013 even though fishing time was permitted (Table 21).

Outer Port Heiden Section

This was the seventh year a directed sockeye salmon fishery occurred in the Outer Port Heiden Section since the section reopened in 2007. In 2013 however, the fishing area in the Outer Port Heiden Section was reduced by one-half at the Board of Fisheries meeting in February/March. The 2013 commercial fishing season was the first season that harvest was allowed from the baseline out to 1.5 nautical miles instead of three nautical miles. By regulation, the Outer Port Heiden Section may open to commercial salmon fishing from June 20 through July 31. 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 Wilburn 2013).

The weekly fishing period in the Outer Port Heiden Section allows 2.5 days of fishing time per week. In 2013, commercial salmon fishing opened in the Outer Port Heiden section on June 25 for the first 2.5 day fishing period. This schedule was followed through July 21 when the area closed for the duration of the 2013 season (Table 23). A total of 86 permit holders harvested 254,916 sockeye salmon from the Outer Port Heiden Section (Table 2 and 29). The peak daily catch was on July 4 when 76 permit holders harvested 71,466 sockeye salmon (Table 29). The largest weekly harvest of 105,778 sockeye salmon occurred during the period of June 21 to June 27 (Table 2; Figure 10). The number of permit holders fishing in the Outer Port Heiden Section in 2013 was well below the previous 5-year average (Figure 11), and the sockeye salmon harvest was the lowest since the section reopened in 2007 (Table 4).

Inner Port Heiden and Cinder River Sections

There was no commercial fishing effort in the Inner Port Heiden Section in 2013. Confidentiality requirements prohibit the release of harvest information for the Cinder River section due to the minimal commercial fishing effort in this area. There was no effort by Area T permit holders in in these overlap areas in 2013 (Table 30).

EMERGENCY ORDERS

In 2013, there were a total of 35 emergency orders issued concerning North Alaska Peninsula salmon fisheries (Table 23). The first emergency order for the North Alaska Peninsula was issued on June 16 and the last on September 4. Emergency orders for North Alaska Peninsula fisheries were issued from the regional Alaska Department of Fish and Game offices in Port Moller and Sand Point in 2013.

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TABLES AND FIGURES

Table 1.—North Alaska Peninsula salmon runs by species, 1962–2013.

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 ^a	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 ^a	6,200	351,000		4,400 ^b	203,200	
	Total	9,800	576,200		11,300 ^b	253,100	
1964	Catch	3,600	250,800	36,600	6,800	139,000	436,800
	Escapement ^a	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 ^a	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 ^a	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 ^a	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 ^a	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 ^a	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 ^a	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 ^a	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 ^a	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 ^a	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 ^a	3,000	332,800		23,000	105,100	
	Total	5,710	579,009		33,599	139,517	

-continued-

Table 1.–Page 2 of 5.

Year		Number of Salmon					Total
		Chinook	Sockeye	Coho	Pink	Chum	
1975	Catch	2,093	233,293	28,349	295	8,770	272,800
	Escapement ^a	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 ^a	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 ^a	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 ^a	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 ^a	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 ^a	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 ^a	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 ^a	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 ^a	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 ^a	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 ^a	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 ^a	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 ^a	10,700	556,000		100	510,900	
	Total	24,886	1,765,435		3,586	879,596	

-continued-

Table 1.–Page 3 of 5.

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 ^a	11,700	614,900	200-300 ^{b,c}	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 ^a	5,600	814,400	150-250 ^{b,c}	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 ^a	7,100	1,032,200	140-175 ^{b,c}	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 ^a	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 ^a	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 ^a	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 ^a	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 ^a	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 ^a	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 ^a	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 ^a	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 ^a	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 5.

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 ^a	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 ^a	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 ^a	18,900	894,500	289,333 ^d	24,900	679,900	
	Total	22,752	2,310,372	318,084	46,361	730,940	
2003	Catch	4,545	1,477,391	53,137	18,624	38,755	1,592,452
	Escapement ^a	11,078	1,231,411	337,800 ^d	20,000	450,660	
	Total	15,623	2,708,802	390,937	38,624	489,415	
2004	Catch	10,402	2,433,778	33,920	15,828	14,958	2,508,886
	Escapement ^a	30,874	1,433,827	520,400 ^d	122,000	434,950	
	Total	41,276	3,867,605	554,320	137,828	449,908	
2005	Catch	9,198	3,115,792	68,680	3,830	42,539	3,240,039
	Escapement ^a	30,617	1,556,811	138,169 ^d	52,628	296,640	
	Total	39,815	4,672,603	206,849	56,458	339,179	
2006	Catch	7,637	2,375,158	93,955	64,207	131,718	2,672,675
	Escapement ^a	32,173	1,157,546	229,440 ^d	252,462	576,043	
	Total	39,810	3,532,704	323,395	316,669	707,761	
2007	Catch	7,609	3,408,818	69,010	137,882	181,009	3,804,328
	Escapement ^a	20,685	1,069,752	74,050 ^{d,e}	45,509	578,784	
	Total	28,294	4,478,570	143,060	183,391	759,793	
2008	Catch	1,799	2,003,906	125,237	21,136	177,364	2,329,442
	Escapement ^a	36,072	1,013,170	178,925 ^d	49,400	470,287	
	Total	37,871	3,017,076	304,162	70,536	647,651	
2009	Catch	3,189	2,426,601	67,601	275,083	105,994	2,878,468
	Escapement ^a	12,807	934,400	206,695 ^d	91,441	232,591	
	Total	15,996	3,361,001	274,296	366,524	338,585	

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Table 1.–Page 5 of 5.

Year		Number of Salmon					Total
		Chinook	Sockeye	Coho	Pink	Chum	
2010	Catch	2,772	2,229,978	62,147	7,833	259,063	2,561,793
	Escapement ^a	9,387	875,100	117,900	32,412	289,410	
	Total	12,159	3,105,078	180,047	40,245	548,473	
2011	Catch	2,368	923,194	19,440	108,830	293,782	1,347,614
	Escapement ^a	15,254	795,105	108,150	16,778	248,352	
	Total	17,622	1,718,299	127,590	125,608	542,134	
2012	Catch	1,053	764,388	37,399	1,173	283,035	1,087,048
	Escapement ^a	3,574	747,090	163,670	28,968	280,418	
	Total	4,627	1,511,478	201,069	30,141	563,453	
2013	Catch	571	721,336	27,452	5,281	130,939	885,579
	Escapement ^a	4,346	1,010,400	100,075	8,183	230,051	
	Total	4,917	1,731,736	127,527	13,464	360,990	
2013	Projected Catch	2,000	1,672,000	62,000	109,000	224,000	2,069,000
2003–2012 Average							
	Catch	5,057	2,115,900	63,053	108,850 ^f	152,822	2,402,275
	Escapement ^a	20,252	1,081,421	207,520	45,271 ^f	385,814	
	Total	25,309	3,197,322	270,573	154,121 ^f	538,635	

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

^a Escapements are estimated totals.

^b These figures are very rough extrapolated estimates.

^c Number of fish in thousands.

^d Escapement estimates are a minimum count.

^e No surveys were conducted in the Northern District.

^f Averages for pink salmon include only the odd-numbered years 2003, 2005, 2007, 2009 and 2011.

Table 2.—North Alaska Peninsula salmon harvest by species, week, and section, all gear combined, 2013.

Catch Dates	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
<i>Dublin Bay Section^a</i>												
Total	0	0	0	0	0	0	0	0	0	0	0	0
<i>Urilia Bay Section^a</i>												
Total	0	0	0	0	0	0	0	0	0	0	0	0
<i>Swanson Lagoon Section^a</i>												
Total	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bechevin Bay Section</i>												
19 Jul–25 Jul ^b												
02 Aug–08 Aug ^b												
Total	3	4	0	0	0	0	0	0	2,958	8,252	9,345	61,385
<i>Izembek-Moffet Bay Section</i>												
21 Jun–27 Jun ^b												
28 Jun–04 Jul	4	5	2	20	1,460	9,449	0	0	0	0	3,829	25,361
05 Jul–11 Jul	8	22	4	10	3,082	18,818	20	114	6	17	15,589	121,726
12 Jul–18 Jul	13	15	1	8	1,079	6,483	5	35	9	32	4,433	33,725
19 Jul–25 Jul	10	22	0	0	6,699	43,419	0	0	63	191	30,021	220,085
26 Jul–01 Aug	4	8	1	12	4,287	28,082	0	0	87	244	11,279	101,385
02 Aug–08 Aug	3	3	0	0	3,120	18,710	0	0	0	0	10,673	97,112
09 Aug–15 Aug ^b												
Total ^c	26	77	8	50	24,098	152,934	25	149	165	484	77,037	607,818

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Table 2.–Page 2 of 6.

Catch Dates	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
<i>Caribou Flats Section^d</i>												
Total												
<i>Black Hills Section</i>												
28 June–04 Jul	13	19	12	153	4,634	25,561	0	0	0	0	680	4,531
05 Jul–11 Jul	20	46	17	252	8,374	49,374	1	5	21	64	5,411	38,467
12 Jul–18 Jul	25	61	4	30	7,024	40,416	0	0	0	0	4,687	30,976
19 Jul– 25 Jul	14	49	2	26	7,707	43,694	104	619	1	6	4,932	34,590
26 Jul–01 Aug	18	57	2	32	4,634	25,664	218	1,718	303	956	5,475	38,463
Total	49	232	37	493	32,373	184,709	323	2,342	325	1,026	21,185	147,027
<i>Nelson Lagoon Section</i>												
07 Jun–13 Jun	17	45	45	696	10,714	56,432	0	0	0	0	0	0
14 Jun–20 Jun	19	74	180	1,552	24,719	131,164	0	0	0	0	0	0
21 Jun–27 Jun	29	120	76	868	62,648	333,533	0	0	0	0	0	0
28 Jun–04 Jul	30	152	32	462	58,277	317,583	0	0	0	0	31	251
05 Jul–11 Jul	28	147	11	182	32,088	172,045	0	0	0	0	298	2,292
12 Jul–18 Jul	24	92	0	0	9,810	52,861	2	12	3	11	1,265	9,410
19 Jul–25 Jul	20	79	0	0	8,576	45,935	38	202	2	7	2,619	20,033
26 Jul–01 Aug	14	59	0	0	4,311	22,925	175	1,097	4	14	1,454	11,936
02 Aug–08 Aug	16	50	0	0	4,100	27,086	817	4,339	0	0	1,316	10,604
09 Aug–15 Aug	13	36	0	0	1,057	5,228	1,741	11,155	1	4	163	1,336
16 Aug–22 Aug	14	52	2	17	603	3,071	6,123	51,955	0	0	56	434
23 Aug–29 Aug	15	65	0	0	353	1,949	6,353	58,624	3	11	8	66
30 Aug–05 Sep	15	62	0	0	70	417	6,062	58,543	0	0	0	0
06 Sep–12 Sep	9	9	0	0	1	6	423	3,619	0	0	0	0
Total	34	1,042	346	3,777	217,327	1,170,235	21,734	189,546	13	47	7,210	56,362

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Table 2.–Page 3 of 6.

Catch Dates	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
<i>Herendeen-Moller Bay Section</i>												
26 Jul–01 Aug ^b												
Total ^b												
<i>Port Moller Bight Section^a</i>												
Total	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bear River Section</i>												
07 Jun–13 Jun ^b												
14 Jun–20 Jun ^c												
21 Jun–27 Jun	13	25	21	313	26,763	156,345	0	0	0	0	222	1,524
28 Jun–01 Aug ^c												
02 Aug–08 Aug	17	19	0	0	6,162	30,271	51	387	89	287	163	1,116
09 Aug–15 Aug	44	140	0	0	22,986	117,525	840	5,645	550	1,673	846	5,795
16 Aug–22 Aug	32	109	2	20	20,278	102,999	712	5,274	95	283	201	1,407
23 Aug–29 Aug	28	99	1	3	15,535	81,680	597	4,698	54	169	92	659
30 Aug–05 Sep	6	16	0	0	1,087	5,480	98	726	0	0	2	13
Total ^c	61	412	55	633	94,335	501,667	2,298	16,730	788	2,412	1,527	10,521
<i>Three Hills Section</i>												
21 Jun–27 Jun ^b												
28 Jun–01 Aug ^c												
02 Aug–08 Aug	7	7	0	0	1,415	7,070	156	1,118	30	99	50	348
09 Aug–15 Aug	25	67	1	16	11,282	54,242	732	4,775	457	1,360	236	1,591
16 Aug–22 Aug	11	17	0	0	3,624	17,839	240	1,773	16	46	20	134
23 Aug–29 Aug ^b												
30 Aug–05 Sep	0	0	0	0	0	0	0	0	0	0	0	0
Total ^c	27	94	1	16	16,983	82,901	1,162	7,904	503	1,505	322	2,185

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Table 2.–Page 4 of 6.

Catch Dates	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
<i>Ilnik Section</i>												
21–Jun–27 Jun	0	0	0	0	0	0	0	0	0	0	0	0
28 Jun–04 Jul	92	214	74	1,188	63,429	369,440	0	0	1	4	1,455	9,972
05 Jul–01 Aug ^c												
02 Aug–08 Aug	15	15	0	0	2,373	11,244	146	1,066	63	190	49	315
09 Aug–15 Aug	23	79	0	0	13,158	60,534	1,326	8,644	388	1,150	202	1,368
16 Aug–22 Aug	8	12	0	0	2,329	11,663	202	1,435	0	0	25	169
23 Aug–29 Aug	0	0	0	0	0	0	0	0	0	0	0	0
30 Aug–05 Sep	0	0	0	0	0	0	0	0	0	0	0	0
Total	95	320	74	1,188	81,289	452,881	1,674	11,145	452	1,344	1,731	11,824
<i>Harbor Point to Outer Port Heiden</i>												
<i>(Port Moller Bight, Bear River, Three Hills, Ilnik, and Outer Port Heiden Sections Combined)</i>												
07 Jun–13 Jun ^b												
14 Jun–20 Jun	0	0	0	0	0	0	0	0	0	0	0	0
21 Jun–27 Jun	36	110	44	775	132,947	790,633	0	0	0	0	1,087	7,342
28 Jun–04 Jul	104	393	86	1,392	156,462	920,407	0	0	2	7	6,219	42,924
05 Jul–11 Jul	69	185	11	188	52,725	309,720	10	55	0	0	5,557	39,012
12 Jul–18 Jul	7	13	4	76	3,380	19,358	30	195	76	207	676	4,569
19 Jul–25 Jul	0	0	0	0	0	0	0	0	0	0	0	0
26 Jul–01 Aug	0	0	0	0	0	0	0	0	0	0	0	0
02 Aug–08 Aug	39	41	0	0	9,950	48,585	353	2,571	182	576	262	1,779
09 Aug–15 Aug	53	279	1	16	47,426	232,301	2,898	19,064	1,395	4,183	1,284	8,754
16 Aug–22 Aug	32	136	2	20	26,231	132,501	1,154	8,482	111	329	246	1,710
23 Aug–29 Aug	28	101	1	3	15,791	82,909	631	4,936	54	169	95	680
30 Aug–05 Sep	6	16	0	0	1,087	5,480	98	726	0	0	2	13
06 Sep–12 Sep	0	0	0	0	0	0	0	0	0	0	0	0
Total^c	106	1,278	180	2,767	447,523	2,549,261	5,174	36,029	1,820	5,471	15,429	106,790

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Table 2.–Page 5 of 6.

Catch Dates	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
<i>Outer Port Heiden Section</i>												
21–Jun–27 Jun	26	84	23	462	105,778	631,767	0	0	0	0	852	5,727
28 Jun–04 Jul	85	179	12	204	93,033	550,967	0	0	1	3	4,764	32,952
05 Jul–11 Jul	69	185	11	188	52,725	309,720	10	55	0	0	5,557	39,012
12 Jul–18 Jul	7	13	4	76	3,380	19,358	30	195	76	207	676	4,569
19 Jul–25 Jul												
Total	86	461	50	930	254,916	1,511,812	40	250	77	210	11,849	82,260
<i>Inner Port Heiden Section^a</i>												
Total	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cinder River Section^b</i>												
Total^b	0	0	0	0	0	0	0	0	0	0	0	0
<i>Entire North Peninsula</i>												
31 May–06 Jun	0	0	0	0	0	0	0	0	0	0	0	0
07 Jun–13 Jun	19	49	76	993	12,238	63,799	0	0	0	0	1	7
14 Jun–20 Jun	19	74	180	1,552	24,719	131,164	0	0	0	0	0	0
21–Jun–27 Jun	66	231	120	1,643	196,778	1,131,861	0	0	0	0	2,199	14,908
28 Jun–04 Jul	138	569	132	2,027	220,833	1,273,000	0	0	2	7	10,759	73,067
05 Jul–11 Jul	116	400	43	632	96,269	549,957	31	174	27	81	26,855	201,497
12 Jul–18 Jul	62	181	9	114	21,293	119,118	37	242	88	250	11,061	78,680
19 Jul–25 Jul	42	152	2	26	22,982	133,048	142	821	255	704	45,534	324,343
26 Jul–01 Aug	37	125	3	44	13,232	76,671	393	2,815	394	1,214	18,941	156,918
02 Aug–08 Aug	58	94	0	0	17,170	94,381	1,170	6,910	182	576	12,251	109,495
09 Aug–15 Aug	69	319	1	16	51,681	257,875	4,651	30,293	4,165	11,939	2,931	22,698
16 Aug–22 Aug	47	189	4	37	26,839	135,604	7,461	61,817	111	329	302	2,144

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Table 2.–Page 6 of 6.

Catch Dates	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
<i>Entire North Peninsula (cont.)</i>												
23 Aug-29 Aug	43	166	1	3	16,144	84,858	6,984	63,560	57	180	103	746
30 Aug-05 Sep	21	78	0	0	1,157	5,897	6,160	59,269	0	0	2	13
06 Sep-12 Sep	9	9	0	0	1	6	423	3,619	0	0	0	0
Total	150	2,636	571	7,087	721,336	4,057,239	27,452	229,520	5,281	15,280	130,939	984,516

Note: Catch numbers do not include test fish harvest or fish retained for personal use. Total permit numbers reflect the total number of individual permits fished.

- ^a There was no commercial salmon harvest effort.
- ^b Confidentiality requirements prohibit reporting harvest.
- ^c Totals include information not provided due to confidentiality requirements.
- ^d The Caribou Flats Section: no open season.
- ^e Fishery closed.

Table 3.—Northern District Chinook salmon runs in number of fish, by section, 1962–2013.

Year		Cinder River Section	Outer Port Heiden Section ^a	Inner Port Heiden Section	Three Hills & Ilnik Sections	Bear River Section	Port Moller Bight & Herendeen-Moller Bay Sections	Nelson Lagoon Section ^b	Caribou Flats & Black Hills Sections	Northern District Totals
1962	Catch	0	0	400	0	500	700	3,700	0	5,300
	Escapement ^c	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 ^c	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 ^c	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 ^c	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 ^c	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 ^c	800	0	500	300	3,000	0	5,100	1,300	11,000
	Total	800	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 ^c	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 ^c	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 7.

Year		Cinder River Section	Outer Port Heiden Section ^a	Inner Port Heiden Section	Three Hills & Ilnik Sections	Bear River Section	Port Moller Bight & Herendeen Moller Bay Sections	Nelson Lagoon Section ^b	Caribou Flats & Black Hills	Northern District Totals
1970	Catch	0	0	0	22	800	420	2,587	0	3,829
	Escapement ^c	200	0	300	300	1,000	0	2,900	2,000	6,700
	Total	200	0	300	322	1,800	420	5,487	2,000	10,529
1971	Catch	0	0	0	112	315	370	1,390	0	2,187
	Escapement ^c	100	0	100	200	800	0	2,300	1,500	5,000
	Total	100	0	100	312	1,115	370	3,690	1,500	7,187
1972	Catch	0	0	0	61	208	227	1,294	0	1,790
	Escapement ^c	700	0	1,600	0	100	0	1,400	1,000	4,800
	Total	700	0	1,600	61	308	227	2,694	1,000	6,590
1973	Catch	0	0	0	47	672	341	1,503	0	2,563
	Escapement ^c	600	0	600	0	100	0	1,500	800	3,600
	Total	600	0	600	47	772	341	3,003	800	6,163
1974	Catch	0	0	0	43	296	142	2,225	0	2,706
	Escapement ^c	500	0	700	0	300	0	1,100	400	3,000
	Total	500	0	700	43	596	142	3,325	400	5,706
1975	Catch	0	0	376	21	292	201	1,203	0	2,093
	Escapement ^c	100	0	900	0	700	0	2,500	400	4,600
	Total	100	0	1,276	21	992	201	3,703	400	6,693
1976	Catch	0	0	1,496	93	537	592	2,220	0	4,938
	Escapement ^c	1,600	0	200	0	500	0	3,300	400	6,000
	Total	1,600	0	1,696	93	1,037	592	5,520	400	10,938
1977	Catch	1	0	2,494	75	673	509	1,734	0	5,486
	Escapement ^c	100	0	700	0	0	0	5,600	700	7,100
	Total	101	0	3,194	75	673	509	7,334	700	12,586
1978	Catch	0	0	8,740	41	643	745	3,350	0	13,519
	Escapement ^c	1,100	0	4,200	0	200	0	4,200	4,000	13,700
	Total	1,100	0	12,940	41	843	745	7,550	4,000	27,219

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Table 3.–Page 3 of 7.

Year		Cinder River Section	Outer Port Heiden Section ^a	Inner Port Heiden Section	Three Hills & Ilnik Sections	Bear River Section	Port Moller Bight & Herendeen Moller Bay Sections	Nelson Lagoon Section ^b	Caribou Flats & Black Hills	Northern District Totals
1979	Catch	0	0	8,346	11	1,420	523	5,399	0	15,699
	Escapement ^c	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 ^c	3,000	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 ^c	3,000	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 ^c	2,500	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 ^c	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 ^c	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 ^c	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 ^c	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 7.

Year		Cinder River Section	Outer Port Heiden Section ^a	Inner Port Heiden Section	Three Hills & Ilnik Sections	Bear River Section	Port Moller Bight & Herendeen Moller Bay Sections	Nelson Lagoon Section ^b	Caribou Flats & Black Hills	Northern District Totals
1987	Catch	3	0	3,217	873	3,789	321	5,823	100	14,126
	Escapement ^c	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 ^c	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 ^c	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 ^c	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 ^c	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 ^c	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 ^c	700	0	3,200 ^c	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 ^c	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 ^c	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 7.

Year		Cinder River Section	Outer Port Heiden Section ^a	Inner Port Heiden Section	Three Hills & Ilnik Sections	Bear River Section	Port Moller Bight & Herendeen Moller Bay Sections	Nelson Lagoon Section ^b	Caribou Flats & Black Hills	Northern District Totals
1996	Catch	748	0	8	369	1,298	73	2,308	128	4,932
	Escapement ^c	4,000	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 ^c	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 ^c	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 ^c	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 ^c	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 ^c	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 ^c	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 ^c	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 ^c	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 7.

Year		Cinder River Section	Outer Port Heiden Section ^a	Inner Port Heiden Section	Three Hills & Ilnik Sections	Bear River Section	Port Moller Bight & Herendeen Moller Bay Sections	Nelson Lagoon Section ^b	Caribou Flats & Black Hills	Northern District Totals
2005	Catch	231	0	261	1,706	4,081	0	2,887	24	9,190
	Escapement ^c	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 ^c	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 ^c	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 ^c	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
2009	Catch	0	800	0	595	1,194	0	575	23	3,187
	Escapement ^c	4,750	0	3,000	13	1,296	0	2,048	1,700	12,807
	Total	4,750	800	3,000	608	2,490	0	2,623	1,723	15,994
2010	Catch	0	580	0	419	1,361	41	360	6	2,767
	Escapement ^c	1,950	0	1,010	14	544	0	2,769	3,100	9,387
	Total	1,950	580	1,010	433	1,905	41	3,129	3,106	12,154

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Table 3.–Page 7 of 7.

Year		Cinder River Section	Outer Port Heiden Section ^a	Inner Port Heiden Section	Three Hills & Ilnik Sections	Bear River Section	Port Moller Bight & Herendeen Moller Bay Sections	Nelson Lagoon Section ^b	Caribou Flats & Black Hills	Northern District Totals
2011	Catch	0	756	0	570	473	39	499	19	2,356
	Escapement ^c	3,200	0	8,300	0	750	0	1,704	1,300	15,254
	Total	3,200	756	8,300	570	1,223	39	2,203	1,319	17,610
2012	Catch	0	292	0	355	65	0	280	52	1,044
	Escapement ^c	440	0	41	1	1,400	0	1,092	600	3,574
	Total	440	292	41	356	1,465	0	1,372	652	4,618
2013	Catch	0	50	0	75	55	0	346	37	563
	Escapement ^c	1,100	0	375	0	725	0	1,221	925	4,346
	Total	1,100	50	375	75	780	0	1,567	962	4,909
2003–2012 Average										
	Catch ^d	23	594	132	1,378	1,725	8	1,397	32	5,052
	Escapement	4,509	0	6,240	24	2,642	0	3,589	3,249	20,252
	Total	4,532	594	6,372	1,402	4,366	8	4,986	3,281	25,304

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

^a Outer Port Heiden Section was closed between 1990 and 2006.

^b Entire Nelson Lagoon watershed, including David's and Caribou rivers.

^c Escapements are estimated totals.

^d Outer Port Heiden harvest average includes 2007-2012, the years the section has been reopened.

Table 4.—Northern District sockeye salmon runs in number of fish, by section, 1962–2013.

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

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Table 4.—Page 2 of 7.

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

Year		Cinder River Section	Outer Port Heiden ^a	Inner Port Heiden ^b	IlNIK	Three Hills	Bear River ^c	Combined IlNIK, Three Hills, & Bear R. Sections	Port Moller Bight & Herendeen- Moller Bay	Nelson Lagoon ^d	Caribou Flats & Black Hills	Northern District Totals
1978	Catch	0	0	829	7,457	24,711	556,393	588,561	53,731	213,430	0	856,551
	Escapement ^e	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	Catch	140	0	36,940	53,972	140,390	1,320,851	1,515,213	32,121	320,856	0	1,905,270
	Escapement ^e	6,000	0	46,700 ^g	97,200	300	1,013,000	1,110,500	5,000	360,100	3,000	1,531,300
	Total	6,140	0	83,640 ^g	151,172	140,690	2,333,851	2,625,713	37,121	680,956	3,000	3,436,570
1980	Catch	46	0	24,628	121,574	130,653	741,861	994,088	10,460	318,526	0	1,347,748
	Escapement ^e	30,000	0	47,000 ^g	100,000	0	751,000	851,000	1,500	352,600	3,900	1,286,000
	Total	30,046	0	71,628 ^g	221,574	130,653	1,492,861	1,845,088	11,960	671,126	3,900	2,633,748
1981	Catch	24	0	3,847	24,334	44,559	1,327,219	1,396,112	18,610	374,722	0	1,793,315
	Escapement ^e	100,000	0	26,600 ^g	151,000	0	741,500	892,500	600	251,000	4,000 ^g	1,274,700
	Total	100,024	0	30,447 ^g	175,334	44,559	2,068,719	2,288,612	19,210	625,722	4,000 ^g	3,068,015
1982	Catch	0	0	8,782	35,088	107,418	1,009,291	1,151,797	11,336	229,203	419	1,401,537
	Escapement ^e	13,000 ^g	0	62,000 ^g	41,700	1,300	361,300	404,300	500	179,600	6,000	665,400
	Total	13,000	0	70,782 ^g	76,788	108,718	1,370,591	1,556,097	11,836	408,803	6,419	2,066,937
1983	Catch	71	0	68	390,883	338,730	1,122,976	1,852,589	15,007	192,947	5	2,060,687
	Escapement ^e	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	Catch	0	0	1,746	409,883	333,832	637,400	1,381,115	31,447	118,756	48	1,533,112
	Escapement ^e	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	Catch	333	0	5,090	508,887	469,267	821,312	1,799,466	4,519	703,546	0	2,512,954
	Escapement ^e	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 7.

Year		Cinder River Section	Outer Port Heiden ^a	Inner Port Heiden ^b	Ilnik	Three Hills	Bear River ^c	Combined Ilnik, Three Hills, & Bear R. Sections	Port Moller Bight & Herendeen-Moller Bay	Nelson Lagoon ^d	Caribou Flats & Black Hills	Northern District Totals
1986	Catch	3	686	38,042	560,339	588,501	938,177	2,087,017	1,294	178,401	2	2,305,445
	Escapement ^e	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	Catch	214	0	2,359	506,916	212,435	213,958	933,309	679	128,471	62	1,065,094
	Escapement ^e	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	Catch	43	647	9,951	494,616	258,982	494,951	1,248,549	3,850	186,616	0	1,449,656
	Escapement ^e	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	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 ^e	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	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 ^e	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	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 ^e	47,400	0	26,500	135,000	200	681,200	816,400	500 ^g	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 ^g	553,160	25,382	3,389,179
1992	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 ^e	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	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 ^e	20,000 ^f	0	50,000 ^g	70,000	300	501,900	572,200	400	267,200	10,200	920,000
	Total	28,903	0	50,518 ^g	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 7.

Year		Cinder River Section	Outer Port Heiden ^a	Inner Port Heiden ^b	Ilnik	Three Hills	Bear River ^c	Combined Ilnik, Three Hills, & Bear R. Sections	Port Moller Bight & Herendeen-Moller Bay	Nelson Lagoon ^d	Caribou Flats & Black Hills	Northern District Totals
1994	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 ^e	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	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 ^e	47,500	0	85,600	39,000	400	430,400	469,800	2000	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	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 ^e	60,000 ^g	0	60,000	62,500	0	431,100	493,600	6000	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	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 ^e	33,000	0	40,000 ^g	83,000	400	398,000	481,400	900	190,100	6,100	751,500
	Total	41,342	0	42,222 ^g	845,638	263,489	1,040,461	2,149,588	9,593	574,470	26,841	2,844,056
1998	Catch	8,321	0	249	470,560	106,856	251,327	828,743	799	161,441	36,684	1,036,237
	Escapement ^e	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	Catch	19,004	0	877	617,330	200,239	557,805	1,375,374	2,397	237,293	25,324	1,660,269
	Escapement ^e	12,400	0	76,000	75,000	100	408,000	483,100	2500	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	Catch	7,984	0	68	769,548	403,470	473,631	1,646,649	4,090	193,694	13,951	1,866,436
	Escapement ^e	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	Catch	5,482	0	0	205,041	165,878	527,284	898,203	1,975	174,363	16,263	1,096,286
	Escapement ^e	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 7.

Year		Cinder River Section	Outer Port Heiden ^a	Inner Port Heiden ^b	IlNIK	Three Hills	Bear River ^c	Combined IlNIK, Three Hills, & Bear R. Sections	Port Moller Bight & Herendeen- Moller Bay	Nelson Lagoon ^d	Caribou Flats & Black Hills	Northern District Totals
2002	Catch	1,548	0	111	121,054	251,377	596,270	968,701	1,022	325,904	35,744	1,333,030
	Escapement ^e	11,500	0	54,100	43,000	650	275,000	318,650	1500	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	Catch	2,775	0	0	267,495	238,674	491,857	998,026	44	373,252	40,126	1,414,223
	Escapement ^e	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	Catch	0	0	0	1,115,036	63,935	611,147	1,790,118	0	527,637	17,604	2,335,359
	Escapement ^e	58,050	0	103,700	82,000	600	467,000	549,600	2250	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	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 ^e	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	Catch	0	0	1,151	1,317,901	153,343	576,552	2,047,796	0	255,265	8,430	2,312,642
	Escapement ^e	101,100	0	142,610	88,000	1,800	493,000	582,800	3000	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	Catch	0	387,786	842	1,776,430	234,930	617,402	2,628,762	206	337,556	4,273	3,359,425
	Escapement ^e	142,000	0	58,500	93,000	1,500	475,702	570,202	3100	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	Catch	0	320,857	1,574	885,634	123,344	417,261	1,426,239	128	183,330	20,332	1,952,460
	Escapement ^e	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
2009	Catch	0	762,643	0	651,624	93,388	652,873	1,397,885	0	214,302	14,712	2,389,542
	Escapement ^e	133,600	0	88,200	66,000	1,600	385,500	453,100	3,000	159,500	8,000	845,400
	Total	133,600	762,643	88,200	717,624	94,988	1,038,373	1,850,985	3,000	373,802	22,712	3,234,942

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Table 4.–Page 7 of 7.

Year	Cinder River Section	Outer Port Heiden ^a	Inner Port Heiden ^b	Ilnik	Three Hills	Bear River ^c	Combined Ilnik, Three Hills, & Bear R. Sections	Port Moller Bight & Herendeen-Moller Bay	Nelson Lagoon ^d	Caribou Flats & Black Hills	Northern District Totals	
2010	Catch	0	786,025	236	660,074	51,556	558,702	1,270,332	416	93,715	24,449	2,175,173
	Escapement ^e	108,900	0	63,700	59,000	1,100	406,500	466,600	1,300	157,000	28,500	826,000
	Total	108,900	786,025	63,936	719,074	52,656	965,202	1,736,932	1,716	250,715	52,949	3,001,173
2011	Catch	0	375,128	0	303,064	11,189	120,652	434,905	414	74,808	17,826	903,081
	Escapement ^e	106,000	0	94,200	43,000	1,505	377,500	422,005	800	113,000	10,200	746,205
	Total	106,000	375,128	94,200	346,064	12,694	498,152	856,910	1,214	187,808	28,026	1,649,286
2012	Catch	0	268,226	0	251,794	0	12,912	264,706	0	116,685	57,398	707,015
	Escapement ^e	76,620	0	50,900	61,000	100	316,700	377,800	900	137,800	23,700	667,220
	Total	76,620	268,226	50,900	312,794	100	329,612	642,506	900	254,485	81,098	1,374,735
2013	Catch	15	254,916	0	81,289	16,983	94,335	192,607	0	217,327	32,373	697,238
	Escapement ^e	95,000	0	86,100	51,000	2,800	458,000	511,800	2,500	263,000	9,300	967,700
	Total	95,015	254,916	86,100	132,289	19,783	552,335	704,407	2,500	480,327	41,673	1,664,938
2003–2012 Average												
	Catch	289	483,444 ^h	564	859,905	116,398	509,035	1,485,338	122	251,125	21,512	2,049,017
	Escapement ^e	109,977	0	91,516	75,930	1,621	436,240	513,791	1,657	234,151	21,523	972,615
	Avg. Total	110,266	483,444	92,080	935,835	118,019	945,275	1,999,129	1,779	485,276	43,035	3,021,631

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

^a Outer Port Heiden Section catches occurred from 1986 to 1989 and 2007 to 2013. This section was closed between 1990 and 2006.

^b Inner Port Heiden escapement includes Meshik River, Red and Yellow Bluff creeks and minimal escapements from Birthday Creek and Charles Creek.

^c Escapement includes all sockeye salmon systems, mainly Bear and Sandy rivers combined with post weir estimates.

^d Nelson Lagoon escapement includes tributaries David's and Caribour rivers.

^e Escapements are determined by aerial surveys except for Bear, Sandy, Ilnik, and Nelson rivers where weir counts are used.

^f Three Hills Section harvest is included in the Ilnik Section harvest.

^g These figures are extrapolated estimates.

^h Outer Port Heiden average catch includes 2007–2013, the years the section has been reopened.

Table 5.—Port Moller Bight, Bear River, Three Hills, and Ilnik sections combined salmon harvest by species and day, 2013.

Catch Date	Permits ^c	Landings	Number of Fish				
			Chinook	Sockeye	Coho	Pink	Chum
Prior to 10-June	0	0	0	0	0	0	0
10-Jun ^a							
11-Jun ^a							
12 Jun–24 Jun ^b							
25-Jun	5	5	3	5,080	0	0	13
26-Jun	11	11	8	11,444	0	0	139
27-Jun	10	10	10	10,645	0	0	83
28-Jun	56	56	22	14,410	0	1	362
29-Jun	84	110	44	35,819	0	0	781
30-Jun	48	48	8	132,000	0	0	312
1 Jul–6 Aug ^b							
7-Aug	0	0	0	0	0	0	0
8-Aug	39	41	0	9,950	353	182	262
9-Aug	40	42	0	9,669	431	353	243
10-Aug	47	50	0	10,673	575	278	351
11-Aug	42	42	0	9,494	736	296	286
12-Aug	41	41	1	6,429	351	232	141
13-Aug	45	45	0	4,340	263	57	115
14-Aug	32	33	0	3,551	349	95	69
15-Aug	26	26	0	3,270	193	84	79
16-Aug	28	43	0	6,824	462	108	82
17-Aug	10	14	0	2,528	133	0	37
18-Aug	0	0	0	0	0	0	0
19-Aug	12	12	1	4,035	84	1	36
20-Aug	19	24	0	5,794	134	0	44

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Table 5.–Page 2 of 2.

Catch Date	Permits	Landings	Number of Fish				
			Chinook	Sockeye	Coho	Pink	Chum
21-Aug	19	25	1	4,013	213	2	23
22-Aug	18	18	0	3,037	128	0	24
23-Aug	19	19	0	48,888	236	3	26
24-Aug	24	32	0	5,973	236	39	37
25-Aug	7	7	0	892	54	0	11
26-Aug	14	14	1	1,632	35	4	7
27-Aug	18	20	0	1,567	121	8	5
28-Aug	9	9	0	839	87	0	9
29-Aug	0	0	0	0	0	0	0
30-Aug	6	6	0	141	9	0	1
31-Aug ^a							
1-Sep	0	0	0	0	0	0	0
2-Sep ^a							
3-Sep ^a							
4-Sep	0	0	0	0	0	0	0
5-Sep ^a							
Post 5-Sep	0	0	0	0	0	0	0
Total^d	96	817	130	192,607	5,134	1,743	3,580

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

^a Confidentiality requirements prohibit releasing this information.

^b Fishery closed.

^c Total permits includes total number of unique permits fished

^d Total includes information not provided due to confidentiality requirements.

Table 6.—North Peninsula coho salmon harvest in number of fish by district and section, 2003–2013.

Section	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2003–2012	
											2013	Average
Northwestern District												
Dublin Bay	0	0	0	0	0	0	0	0	0	0	0	0
Urilia Bay	0	0	0	0	0	0	0	0	0	7	0	1
Swanson Lagoon	0	0	0	23	10	0	0	27	9	0	0	7
Bechevin Bay	0	0	0	109	3	41	50	272	905	37	0	142
Izembek - Moffet Bay	37	15	901	92	142	1	0	226	1,533	1,937	25	488
Northwestern												
District Total	37	15	901	224	155	42	50	525	2,447	1,981	25	638
Northern District												
Black Hills	423	356	78	140	71	2,419	743	1,026	596	3,929	323	978
Caribou Flats ^a	0	0	0	0	0	0	0	0	0	0	0	0
Nelson Lagoon	30,620	29,879	46,486	66,874	47,647	54,282	37,060	44,821	13,119	31,476	21,734	40,226
Herendeen - Moller Bay ^b	7	0	0	0	41	1	0	0	3	0	0	5
Bear River	10,379	1,743	9,046	11,580	9,076	33,400	9,809	9,632	2,195	0	2,298	9,686
Three Hills	3,982	944	2,177	4,422	4,111	10,646	6,862	2,193	637	0	1,162	3,597
Ilnik	5,617	649	7,870	10,715	7,281	24,428	11,682	3,112	432	3	1,674	7,179
Inner Port Heiden	0	0	0	0	0	0	0	0	0	0	0	0
Outer Port Heiden ^c	0	0	0	0	628	19	507	838	11	10	40	336
Cinder River	2,072	334	2,122	0	0	0	888	0	0	0	196	542
Northern												
District Total	53,100	33,905	67,779	93,731	68,855	125,195	67,551	61,622	16,993	35,418	27,427	62,415
North Peninsula												
Total	53,137	33,920	68,680	93,955	69,010	125,237	67,601	62,147	19,440	37,399	27,452	63,053

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

^a Caribou Flats Section: no open season.

^b Includes Port Moller Bight Section.

^c Outer Port Heiden average only included 2007–2013, years the section has been opened.

Table 7.–Northwestern District pink salmon runs in number of fish, 1962–2013.

Year		Dublin, Uria & Bechevin		Northwestern District Total ^b
		Izembek - Moffet Bay ^a	Bays & Swanson Lagoon ^{a,b}	
1962	Catch	0	30,800	30,800
	Escapement ^c	0	4,000	4,000
	Total	0	34,800	34,800
1963	Catch	0	6,000	6,000
	Escapement ^c	0	4,400	4,400
	Total	0	10,400	10,400
1964	Catch	100	6,700	6,800
	Escapement ^c	0	15,000	15,000
	Total	100	21,700	21,800
1965	Catch	0	2,000	2,000
	Escapement ^c	0	900	900
	Total	0	2,900	2,900
1966	Catch	0	16,000	16,000
	Escapement ^c	400	1,300	1,700
	Catch	400	17,300	17,700
1967	Catch	0	300	300
	Escapement ^c	200	500	700
	Total	200	800	1,000
1968	Catch	0	0	0
	Escapement ^c	1,500	25,000	26,500
	Total	1,500	25,000	26,500
1969	Catch	0	0	0
	Escapement ^c	2,300	2,100	4,400
	Total	2,300	2,100	4,400
1970	Catch	9	7,836	7,845
	Escapement ^c	0	11,100	11,100
	Total	9	18,936	18,945
1971	Catch	3	273	276
	Escapement ^c	100	8,400	8,500
	Total	103	8,673	8,776
1972	Catch	16	16	32
	Escapement ^c	0	1,200	1,200
	Total	16	1,216	1,232
1973	Catch	4	30	34
	Escapement ^c	0	200	200
	Total	4	230	234

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Table 7.-Page 2 of 5.

Year		Dublin, Uria & Bechevin		
		Izembek - Moffet Bay ^a	Bays & Swanson Lagoon ^{a,b}	Northwestern District Total ^b
1974	Catch	0	10,306	10,306
	Escapement ^c	0	23,000	23,000
	Total	0	33,306	33,306
1975	Catch	2	7	9
	Escapement ^c	100	500	600
	Total	102	507	609
1976	Catch	50	35	85
	Escapement ^c	100	37,200	37,300
	Total	150	37,235	37,385
1977	Catch	0	0	0
	Escapement ^c	200	6,200	6,400
	Total	200	6,200	6,400
1978	Catch	2,165	465,617	467,782
	Escapement ^c	0	90,400	90,400
	Total	2,165	556,017	558,182
1979	Catch	6	3,371	3,377
	Escapement ^c	0	9,300	9,300
	Total	6	12,671	12,677
1980	Catch	0	297,929	297,929
	Escapement ^c	0	94,000	94,000
	Total	0	391,929	391,929
1981	Catch	0	9,063	9,063
	Escapement ^c	0	5,700	5,700
	Total	0	14,763	14,763
1982	Catch	14	5,071	5,085
	Escapement ^c	200	51,500	51,700
	Total	214	56,571	56,785
1983	Catch	0	593	1,318
	Escapement ^c	0	3,900	3,900
	Total	0	4,493	5,218
1984	Catch	141	9,728	9,869
	Escapement ^c	0	33,000	33,000
	Total	141	42,728	42,869
1985	Catch	8	1,944	1,952
	Escapement ^c	0	1,400	1,400
	Total	8	3,344	3,352

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Table 7.-Page 3 of 5.

Year		Dublin, Uria & Bechevin		
		Izembek - Moffet Bay ^a	Bays & Swanson Lagoon ^{a,b}	Northwestern District Total ^b
1986	Catch	0	9,885	9,885
	Escapement ^c	0	12,900	12,900
	Total	0	22,785	22,785
1987	Catch	7	839	846
	Escapement ^c	0	1,100	1,100
	Total	7	1,939	1,946
1988	Catch	1,152	29,003	30,155
	Escapement ^c	1,800	26,700	28,500
	Total	2,952	55,703	58,655
1989	Catch	0	3,195	3,195
	Escapement ^c	0	1,900	1,900
	Total	0	5,095	5,095
1990	Catch	130	0	130
	Escapement ^c	400	21,800	22,200
	Total	530	21,800	22,330
1991	Catch	7	3,402	3,409
	Escapement ^c	0	1,200	1,200
	Total	7	4,602	4,609
1992	Catch	679	7,637	8,316
	Escapement ^c	600	3	603
	Total	1,279	7,640	8,919
1993	Catch	5	51	56
	Escapement ^c	0	700	700
	Total	5	751	756
1994	Catch	133	188,003	188,136
	Escapement ^c	1,000	93,700	94,700
	Total	1,133	281,703	282,836
1995	Catch	7	1,377	1,384
	Escapement ^c	200	5,000	5,200
	Total	207	6,377	6,584
1996	Catch	587	2,580	3,167
	Escapement ^c	19,200	197,400	216,600
	Total	19,787	199,980	219,767
1997	Catch	32	5,104	5,136
	Escapement ^c	0	4,800	4,800
	Total	32	9,904	9,936

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Table 7.-Page 4 of 5.

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

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Table 7.–Page 5 of 5.

Year		Dublin, Uria & Bechevin		
		Izembek - Moffet Bay ^a	Bays & Swanson Lagoon ^{a,b}	Northwestern District Total ^b
2009	Catch	343	274,510	274,853
	Escapement ^c	2,400	72,000	74,400
	Total	2,743	346,510	349,253
2010	Catch	1,219	5,231	6,450
	Escapement ^c	1,700	13,600	15,300
	Total	2,919	18,831	21,750
2011	Catch	4,466	104,029	108,495
	Escapement ^c	0	2,400	2,400
	Total	4,466	106,429	110,895
2012	Catch	478	416	894
	Escapement ^c	3,300	7,603	10,903
	Total	3,778	8,019	11,797
2013	Catch	165	2,958	3,123
	Escapement ^c	3,300	3,800	7,100
	Total	3,465	6,758	10,223
<hr/>				
2003–2012 Average ^d				
	Catch	2,323	102,280	104,603
	Escapement ^c	1,254	19,164	20,418
	Total	3,577	121,444	125,021

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

^a Statistical area 311-58 was moved from the Bechevin Bay Section to the Izembek-Moffet Bay Section in 2001.

^b Catch includes a small harvest from the Dublin Bay Section in 1983, 2006, and 2011 only.

^c Escapements are estimated totals.

^d Averages include only the odd-numbered years 2003, 2005, 2007, 2009, and 2011.

Table 8.—Northern District chum salmon runs in number of fish, 1962–2013.

Year		Cinder River	Outer Port Heiden	Inner Port Heiden	Three Hills & Ilnik	Bear River	Port 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 ^a	500	0	1,900 ^b	1,500 ^b	1,500	18,300	9,700	1,000 ^b	34,400
	Total	700	0	10,500 ^b	2,100 ^b	8,500	18,300	13,400	1,000 ^b	54,500
1963	Catch	0	0	0	700	600	0	4,100	0	5,400
	Escapement ^a	1,200	0	7,400 ^b	1,500 ^b	3,000 ^b	26,000	7,000	1,300 ^b	47,000
	Total	1,200	0	7,400 ^b	2,200 ^b	3,600 ^b	26,000	11,000	1,300 ^b	52,700
1964	Catch	0	0	0	2,300	6,500	39,800	3,400	0	52,000
	Escapement ^a	200	0	1,000	1,500 ^b	3,000	35,900	2,000	1,000 ^b	44,600
	Total	200	0	1,000	3,800 ^b	9,500	75,700	5,400	1,000 ^b	96,600
1965	Catch	0	0	800	2,300	1,500	13,600	2,200	0	20,400
	Escapement ^a	0	0	8,500	1,500 ^b	1,000	8,000	4,000	500 ^b	23,500
	Total	0	0	9,300	3,800 ^b	2,500	21,600	6,200	500 ^b	43,900
1966	Catch	0	0	0	300	3,700	17,900	4,800	0	26,700
	Escapement ^a	4,400	0	3,400 ^b	1,500 ^b	1,000	56,200	17,000	2,000	85,500
	Total	4,400	0	3,400 ^b	1,800 ^b	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 ^a	2,500	0	3,000	9,600	2,500	25,000	29,800	2,000 ^b	74,400
	Total	2,500	0	3,000	9,600	16,100	27,400	34,900	2,000 ^b	95,500
1968	Catch	0	0	0	3,100	7,500	10,500	3,500	0	24,600
	Escapement ^a	0	0	11,000 ^b	0	9,500	47,700	18,100	2,000	88,300
	Total	0	0	11,000 ^b	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 ^a	2,500	0	11,000 ^b	1,500 ^b	1,000	14,000	13,000	500	43,500
	Total	2,500	0	12,200 ^b	2,800 ^b	11,300	21,800	16,500	500	67,600

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Table 8.—Page 2 of 7.

Year		Cinder River	Outer Port Heiden	Inner Port Heiden	Three Hills & Ilnik	Bear River	Port 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 ^a	1,300	0	22,000	500	2,000	42,800	36,000	1,500 ^b	106,100
	Total	1,300	0	22,000	1,665	16,430	55,042	43,664	1,509 ^b	141,610
1971	Catch	0	0	0	2,513	12,980	1,156	3,785	0	20,434
	Escapement ^a	2,500	0	12,100	800	0	14,500	19,000	500 ^b	49,400
	Total	2,500	0	12,100	3,313	12,980	15,656	22,785	500 ^b	69,834
1972	Catch	0	0	35	767	13,956	7,384	3,187	0	25,329
	Escapement ^a	5,300	0	12,200	500	3,700	8,000	16,800	500 ^b	47,000
	Total	5,300	0	12,235	1,267	17,656	15,384	19,987	500 ^b	72,329
1973	Catch	0	0	0	825	34,916	12,173	1,776	0	49,690
	Escapement ^a	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 ^a	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 ^a	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 ^a	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 ^a	1,700 ^b	0	32,000	1,500 ^b	17,000	108,500	83,300	1,500	245,500
	Total	1,700 ^b	0	33,308	8,613 ^b	49,259	143,347	93,866	1,641	331,734

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Table 8.—Page 3 of 7.

Year		Cinder River	Outer Port Heiden	Inner Port Heiden	Three Hills & Ilnik	Bear River	Port 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 ^a	7,400	0	22,000	1,500 ^b	15,500 ^b	89,300	10,200	1,000 ^b	146,900
	Total	7,400	0	22,437	2,742 ^b	30,094 ^b	95,858	20,523	1,000 ^b	180,054
1979	Catch	27	0	776	680	17,379	10,852	5,657	0	35,371
	Escapement ^a	3,600 ^b	0	32,700 ^b	0	7,000	30,600	37,000	4,000	114,900
	Total	3,627 ^b	0	33,476 ^b	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 ^a	10,000 ^b	0	33,700 ^b	10,000 ^b	20,000 ^b	116,100	164,000	10,400	364,200
	Total	10,020 ^b	0	36,280 ^b	39,773 ^b	181,666 ^b	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 ^a	11,800 ^b	0	73,400 ^b	11,000 ^b	27,200	85,000	57,000	11,000 ^b	276,400
	Total	11,800 ^b	0	73,627 ^b	18,148 ^b	182,195	211,188	119,764	11,000 ^b	627,722
1982	Catch	0	0	724	21,199	142,439	50,184	21,426	42	236,014
	Escapement ^a	5,500 ^b	0	35,500 ^b	1,000	42,400	152,000	29,100	2,000 ^b	267,500
	Total	5,500 ^b	0	36,224 ^b	22,199	184,839	202,184	50,526	2,042 ^b	503,514
1983	Catch	2	0	0	26,091	87,264	51,333	13,991	0	178,681
	Escapement ^a	17,200	0	14,500	11,200	15,000 ^b	126,000	14,000	1,200	199,100
	Total	17,202	0	14,500	37,291	102,264 ^b	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 ^a	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 ^a	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 7.

Year		Cinder River	Outer Port Heiden	Inner Port Heiden	Three Hills & Ilnik	Bear River	Port 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 ^a	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 ^a	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 ^a	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 ^a	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 ^a	4,000	0	7,000	200 ^b	1,100	101,600	1,000 ^b	700	115,600
	Total	4,099	0	7,269	7,941 ^b	28,017	159,134	3,163 ^b	1,518	211,141
1991	Catch	219	0	445	20,807	72,786	23,554	7,374	3,353	128,538
	Escapement ^a	4,500	0	13,400	0	2,400 ^b	55,000	5,000 ^b	1,200	81,500
	Total	4,719	0	13,845	20,807	75,186 ^b	78,554	12,374 ^b	4,553	210,038
1992	Catch	355	0	1,183	29,345	62,229	135,874	7,738	160	236,884
	Escapement ^a	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 ^a	4,000 ^b	0	11,000 ^b	400 ^b	5,700	156,700	4,400	1,200	183,400
	Total	4,162 ^b	0	11,058 ^b	2,800 ^b	36,228	204,269	8,933	2,513	269,963

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Table 8.—Page 5 of 7.

Year		Cinder River	Outer Port Heiden	Inner Port Heiden	Three Hills & Ilnik	Bear River	Port 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 ^a	24,400	0	30,000	300 ^b	4,000	163,600	5,500	3,000	230,800
	Total	24,443	0	30,257	12,773 ^b	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 ^a	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 ^a	25,000 ^b	0	50,000 ^b	0	4,000	353,200	3,600	600	436,400
	Total	25,019 ^b	0	50,517 ^b	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 ^a	30,500	0	61,000 ^b	500	5,000	60,200	1,100	2,700	161,000
	Total	30,572	0	61,005 ^b	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 ^a	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 ^a	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 ^a	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 ^a	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 7.

Year		Cinder River	Outer Port Heiden	Inner Port Heiden	Three Hills & Ilnik	Bear River	Port 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 ^a	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 ^a	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 ^a	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 ^a	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 ^a	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 ^a	30,500	0	21,200	2,100	9,100	179,150	384	900	243,334
	Total	30,500	7,560	21,200	40,852	38,608	179,150	8,507	1,960	328,337
2008	Catch	0	2,594	0	6,537	3,201	40,722	3,321	16,849	73,224
	Escapement ^a	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

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Table 8.–Page 7 of 7.

Year		Cinder River	Outer Port Heiden	Inner Port Heiden	Three Hills & Ilnik	Bear River	Port Moller Bight, Herendeen & Moller Bay	Nelson Lagoon	Caribou Flats & Black Hills	Northern District Totals
2009	Catch	0	11,261	0	15,081	18,189	0	4,127	3,167	51,825
	Escapement ^a	11,300	1,200	15,600	4,200	2,132	112,400	499	6,800	154,131
	Total	11,300	12,461	15,600	19,281	20,321	112,400	4,626	9,967	205,956
2010	Catch	0	6,313	0	19,078	35,812	45,136	4,931	8,723	119,993
	Escapement ^a	3,500	1,200	9,600	1,900	910	108,600	12,000	7,600	145,310
	Total	3,500	7,513	9,600	20,978	36,722	153,736	16,931	16,323	265,303
2011	Catch	0	8,408	0	11,507	7,606	14,714	2,011	20,138	64,384
	Escapement ^a	15,000	1,300	11,350	3,700	2,133	58,200	2,369	2,900	96,952
	Total	15,000	9,708	11,350	15,207	9,739	72,914	4,380	23,038	161,336
2012	Catch	0	6,334	0	8,444	743	11	5,961	73,941	95,434
	Escapement ^a	3,000	2,700	2,100	1,100	6,618	110,700	6,000	8,200	140,418
	Total	3,000	9,034	2,100	9,544	7,361	110,711	11,961	82,141	235,852
2013	Catch	^c	11,849	0	2,053	1,527	^c	7,210	21,185	44,557 ^d
	Escapement ^a	18,200	2,300	32,100	1,800	7,095	43,600	11,136	21,020	137,251
	Total ^d	18,200	14,149	32,100	3,853	8,622	43,600	18,346	42,205	181,808
2003–2012 Average										
	Catch ^c	0	7,078 ^e	0	15,517	13,874	10,564	5,008	12,967	62,177
	Escapement ^a	12,861	640	31,440	3,521	6,492	116,606	7,654	5,681	184,895
	Avg. Total	12,861	4,887	31,440	19,038	20,365	127,170	12,662	18,648	247,072

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

^a Escapements are estimated totals.

^b These figures are extrapolated estimates.

^c Confidentiality requirements prohibit the release of this information.

^d Totals include information not provided due to confidentiality requirements.

^e Outer Port Heiden catch average only includes the years since the section reopened, 2007–2013.

Table 9.—Northwestern District chum salmon runs in number of fish, 1962–2013.

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

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Table 9.–Page 2 of 5.

Year		Izembek - Moffet Bay ^a	Dublin, Bechevin, & Uralia Bays & Swanson Lagoon ^{a,b}	Northwestern District Total
1974	Catch	11,302	3,079	14,381
	Escapement ^c	76,000	6,100	82,100
	Total	87,302	9,179	96,481
1975	Catch	3,362	515	3,877
	Escapement ^c	74,300	17,300	91,600
	Total	77,662	17,815	95,477
1976	Catch	38,094	7,901	45,995
	Escapement ^c	127,700	38,300	166,000
	Total	165,794	46,201	211,995
1977	Catch	20,344	22,590	42,934
	Escapement ^c	381,400	54,300	435,700
	Total	401,744	76,890	478,634
1978	Catch	82,316	48,334	130,650
	Escapement ^c	134,100	29,500	163,600
	Total	216,416	77,834	294,250
1979	Catch	17,825	12,515	30,340
	Escapement ^c	178,000	12,400	190,400
	Total	195,825	24,915	220,740
1980	Catch	282,516	84,995	367,511
	Escapement ^c	364,200	41,100	405,300
	Total	646,716	126,095	772,811
1981	Catch	296,440	59,056	355,496
	Escapement ^c	235,000	29,600	264,600
	Total	531,440	88,656	620,096
1982	Catch	57,450	37,669	95,119
	Escapement ^c	166,400	23,800	190,200
	Total	223,850	61,469	285,319
1983	Catch	154,767	13,929	169,626
	Escapement ^c	173,300	20,200	193,500
	Total	328,067	34,129	362,196
1984	Catch	102,692	79,763	182,455
	Escapement ^c	427,500	33,400	460,900
	Total	530,192	113,163	643,355
1985	Catch	126,644	116,483	243,127
	Escapement ^c	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 ^a	Dublin, Bechevin, & Uralia Bays & Swanson Lagoon ^{a,b}	Northwestern District Total
1986	Catch	69,118	44,445	113,563
	Escapement ^c	142,400	23,300	165,700
	Total	211,518	67,745	279,263
1987	Catch	148,638	64,612	213,250
	Escapement ^c	286,000	55,500	341,500
	Total	434,638	120,112	554,750
1988	Catch	112,172	66,113	178,285
	Escapement ^c	304,400	51,800	356,200
	Total	416,572	117,913	534,485
1989	Catch	14,458	11,284	25,742
	Escapement ^c	90,600	19,400	110,000
	Total	105,058	30,684	135,742
1990	Catch	23,983	6,589	30,572
	Escapement ^c	92,500	18,400	110,900
	Total	116,483	24,989	141,472
1991	Catch	51,521	11,219	62,740
	Escapement ^c	172,400	49,400	221,800
	Total	223,921	60,619	284,540
1992	Catch	61,671	43,061	104,732
	Escapement ^c	182,200	33,100	215,300
	Total	243,871	76,161	320,032
1993	Catch	23,536	24,858	48,394
	Escapement ^c	172,900	46,100	219,000
	Total	196,436	70,958	267,394
1994	Catch	7,010	33,229	40,239
	Escapement ^c	140,500	108,900	249,400
	Total	147,510	142,129	289,639
1995	Catch	9,078	17,627	26,705
	Escapement ^c	88,300	320,000	408,300
	Total	97,378	337,627	435,005
1996	Catch	1,996	5,735	7,731
	Escapement ^c	278,200	108,500	386,700
	Total	280,196	114,235	394,431
1997	Catch	25,186	21,025	46,211
	Escapement ^c	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 ^a	Dublin, Bechevin, & Uralia Bays & Swanson Lagoon ^{a,b}	Northwestern District Total
1998	Catch	13,242	18,787	32,029
	Escapement ^c	281,800	67,300	349,100
	Total	295,042	86,087	381,129
1999	Catch	0	7,900	7,900
	Escapement ^c	310,200	56,600	366,800
	Total	310,200	64,500	374,700
2000	Catch	3,631	26,978	30,609
	Escapement ^c	196,800	52,400	249,200
	Total	200,431	79,378	279,809
2001	Catch	74,419	38,807	113,226
	Escapement ^c	340,800	66,000	406,800
	Total	415,219	104,807	520,026
2002	Catch	13,793	8,046	21,839
	Escapement ^c	367,000	50,100	417,100
	Total	380,793	58,146	438,939
2003	Catch	9,868	6,709	16,577
	Escapement ^c	199,200	36,800	236,000
	Total	209,068	43,509	252,577
2004	Catch	5,353	1,125	6,478
	Escapement ^c	252,200	43,400	295,600
	Total	257,553	44,525	302,078
2005	Catch	27,810	5,807	33,617
	Escapement ^c	131,365	61,600	192,965
	Total	159,175	67,407	226,582
2006	Catch	27,414	11,974	39,388
	Escapement ^c	131,860	61,600	193,460
	Total	159,274	73,574	232,848
2007	Catch	68,310	27,696	96,006
	Escapement ^c	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 ^a	Dublin, Bechevin, & Urelia Bays & Swanson Lagoon ^{a,b}	Northwestern District Total
2008	Catch	79,229	24,911	104,140
	Escapement ^c	117,700	58,850	176,550
	Total	196,929	83,761	280,690
2009	Catch	17,155	37,014	54,169
	Escapement ^c	42,440	42,020	84,460
	Total	59,595	79,034	138,629
2010	Catch	125,382	13,688	139,070
	Escapement ^c	113,900	30,200	144,100
	Total	239,282	43,888	283,170
2011	Catch	142,660	86,738	229,398
	Escapement ^c	127,200	24,200	151,400
	Total	269,860	110,938	380,798
2012	Catch	177,270	10,331	187,601
	Escapement ^c	100,150	39,850	140,000
	Total	277,420	50,181	327,601
2013	Catch	77,037	9,345	86,382
	Escapement ^c	51,100	41,700	92,800
	Total	128,137	51,045	179,182
2003–2012 Average				
	Catch	68,045	22,599	90,644
	Escapement ^c	146,552	48,447	194,999
	Total	214,597	71,046	285,643

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

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

^b Catch numbers include a small harvest from the Dublin Bay Section in 1983, 2006, and 2011 only.

^c Escapements are rounded estimates determined by aerial surveys.

Table 10.–Chinook, pink, chum, and coho salmon daily and cumulative escapement counts through the Nelson River weir, 2013.

Date	Daily				Cumulative			
	Chinook	Pink	Chum	Coho	Chinook	Pink	Chum	Coho
9-Jun	0	0	0	0	0	0	0	0
10-Jun	0	0	0	0	0	0	0	0
11-Jun	1	0	0	0	1	0	0	0
12-Jun	35	0	0	0	36	0	0	0
13-Jun	20	0	0	0	56	0	0	0
14-Jun	21	0	0	0	77	0	0	0
15-Jun	15	0	0	0	92	0	0	0
16-Jun	14	0	0	0	106	0	0	0
17-Jun	32	0	1	0	138	0	1	0
18-Jun	17	0	2	0	155	0	3	0
19-Jun	49	0	1	0	204	0	4	0
20-Jun	50	0	0	0	254	0	4	0
21-Jun	17	0	0	0	271	0	4	0
22-Jun	51	0	0	0	322	0	4	0
23-Jun	95	0	0	0	417	0	4	0
24-Jun	23	0	0	0	440	0	4	0
25-Jun	16	0	0	0	456	0	4	0
26-Jun	20	0	4	0	476	0	8	0
27-Jun	57	0	7	0	533	0	15	0
28-Jun	87	1	4	0	620	1	19	0
29-Jun	61	0	2	0	681	1	21	0
30-Jun	81	1	11	0	762	2	32	0
1-Jul	69	0	47	0	831	2	79	0
2-Jul	20	1	14	0	851	3	93	0
3-Jul	21	0	42	0	872	3	135	0
4-Jul	57	3	106	0	929	6	241	0
5-Jul	14	0	18	0	943	6	259	0
6-Jul	89	1	39	0	1,032	7	298	0
7-Jul	50	1	50	0	1,082	8	348	0
8-Jul	41	0	137	0	1,123	8	485	0
9-Jul	61	0	47	0	1,184	8	532	0
10-Jul	13	5	4	0	1,197	13	536	0
11-Jul	5	4	18	0	1,202	17	554	0
12-Jul	1	5		0	1,203	22	554	0
13-Jul	5	1	7	0	1,208	23	561	0
14-Jul	0	1	4	0	1,208	24	565	0
15-Jul	0	1	134	0	1,208	25	699	0
16-Jul	8	10	71	1	1,216	35	770	1
17-Jul	4	10	212	1	1,220	45	982	2
18-Jul	1	14	59	0	1,221	59	1,041	2
19-Jul	0	2	71	0	1,221	61	1,112	2
20-Jul	0	2	14	0	1,221	63	1,126	2
21-Jul	0	5	10	0	1,221	68	1,136	2

Table 11.–Chinook, pink, chum, and coho salmon daily and cumulative escapement counts through the Bear River weir, 2013.

Date	Daily				Cumulative			
	Chinook	Pink	Chum	Coho	Chinook	Pink	Chum	Coho
Prior to 1-Jul	0	0	0	0	0	0	0	0
1-Jul	0	0	0	0	0	0	0	0
2-Jul	0	0	0	0	0	0	0	0
3-Jul	0	0	0	0	0	0	0	0
4-Jul	0	1	1	0	0	1	1	0
5-Jul	0	4	0	0	0	5	1	0
6-Jul	0	0	0	0	0	5	1	0
7-Jul	0	0	0	0	0	5	1	0
8-Jul	0	1	0	0	0	6	1	0
9-Jul	0	1	0	0	0	7	1	0
10-Jul	0	1	0	0	0	8	1	0
11-Jul	0	2	0	0	0	10	1	0
12-Jul	0	4	0	0	0	14	1	0
13-Jul	0	8	0	0	0	22	1	0
14-Jul	0	7	2	0	0	29	3	0
15-Jul	0	16	0	0	0	45	3	0
16-Jul	1	18	1	0	1	63	4	0
17-Jul	0	4	1	0	1	67	5	0
18-Jul	0	6	1	0	1	73	6	0
19-Jul	0	10	1	0	1	83	7	0
20-Jul	0	15	1	0	1	98	8	0
21-Jul	0	9	1	0	1	107	9	0
22-Jul	0	17	0	0	1	124	9	0
23-Jul	0	13	0	0	1	137	9	0
24-Jul	1	18	2	0	2	155	11	0
25-Jul	0	41	0	0	2	196	11	0
26-Jul	0	17	1	0	2	213	12	0
27-Jul	0	35		0	2	248	12	0
28-Jul	0	42	0	0	2	290	12	0
29-Jul	0	42	2	0	2	332	14	0
30-Jul	0	44	3	0	2	376	17	0
31-Jul	0	36	3	0	2	412	20	0
1-Aug	4	42	2	0	6	454	22	0
2-Aug	3	71	3	0	9	525	25	0
3-Aug	2	48	7	0	11	573	32	0
4-Aug	1	62	5	0	12	635	37	0
5-Aug	0	77	13	0	12	712	50	0
6-Aug	2	33	10	0	14	745	60	0
7-Aug	1	6	1	0	15	751	61	0
8-Aug	0	8	7	0	15	759	68	0
9-Aug	0	21	7	0	15	780	75	0
10-Aug	2	12	9	0	17	792	84	0

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Table 11.–Page 2 of 2.

Date	Daily				Cumulative			
	Chinook	Pink	Chum	Coho	Chinook	Pink	Chum	Coho
11-Aug	0	9	9	0	17	801	93	0
12-Aug	0	6	8	0	17	807	101	0
13-Aug	0	7	4	0	17	814	105	0
14-Aug	0	10	10	0	17	824	115	0
15-Aug	0	13	12	0	17	837	127	0
16-Aug	0	10	15	0	17	847	142	0
17-Aug	0	9	13	0	17	856	155	0
18-Aug	0	7	10	0	17	863	165	0
19-Aug	1	25	19	0	18	888	184	0
20-Aug	0	14	24	0	18	902	208	0
21-Aug	0	6	18	0	18	908	226	0
22-Aug	0	3	9	0	18	911	235	0
23-Aug	0	7	16	0	18	918	251	0

Table 12.—Chinook, pink, chum, and coho salmon daily and cumulative escapement counts through the Sandy River weir, 2013.

Date	Daily				Cumulative			
	Chinook	Pink	Chum	Coho	Chinook	Pink	Chum	Coho
Prior to 19-Jun	0	0	0	0	0	0	0	0
19-Jun	2	0	0	0	2	0	0	0
20-Jun	1	0	0	0	3	0	0	0
21-Jun	0	0	0	0	3	0	0	0
22-Jun	0	0	0	0	3	0	0	0
23-Jun	0	0	0	0	3	0	0	0
24-Jun	0	0	0	0	3	0	0	0
25-Jun	0	0	0	0	3	0	0	0
26-Jun	0	0	0	0	3	0	0	0
27-Jun	0	0	0	0	3	0	0	0
28-Jun	0	0	0	0	3	0	0	0
29-Jun	1	0	0	0	4	0	0	0
30-Jun	0	0	0	0	4	0	0	0
1-Jul	1	0	0	0	5	0	0	0
2-Jul	0	0	0	0	5	0	0	0
3-Jul	1	0	0	0	6	0	0	0
4-Jul	4	0	0	0	10	0	0	0
5-Jul	1	0	0	0	11	0	0	0
6-Jul	1	0	0	0	12	0	0	0
7-Jul	5	1	0	0	17	1	0	0
8-Jul	0	0	0	0	17	1	0	0
9-Jul	0	1	2	0	17	2	2	0
10-Jul	2	2	0	0	19	4	2	0
11-Jul	4	1	0	0	23	5	2	0
12-Jul	9	4	3	0	32	9	5	0
13-Jul	11	6	4	0	43	15	9	0
14-Jul	22	2	2	0	65	17	11	0
15-Jul	0	0	0	0	65	17	11	0
16-Jul	3	1	2	0	68	18	13	0
17-Jul	4	1	6	0	72	19	19	0
18-Jul	15	6	9	0	87	25	28	0
19-Jul	9	11	5	0	96	36	33	0
20-Jul	11	13	10	0	107	49	43	0

Table 13.–Chinook, pink, chum, and coho salmon daily and cumulative escapement counts through the Ilnik River weir, 2013.

Date	Daily				Cumulative			
	Chinook	Pink	Chum	Coho	Chinook	Pink	Chum	Coho
Prior to 3-Jul	0	0	0	0	0	0	0	0
3-Jul	0	5	0	0	0	5	0	0
4-Jul	0	5	0	0	0	10	0	0
5-Jul	0	25	0	0	0	35	0	0
6-Jul	0	1	0	0	0	36	0	0
7-Jul	0	0	0	0	0	36	0	0
8-Jul	0	0	0	0	0	36	0	0
9-Jul	0	2	0	0	0	38	0	0
10-Jul	0	4	0	0	0	42	0	0
11-Jul	0	4	0	0	0	46	0	0
12-Jul	0	2	0	0	0	48	0	0
13-Jul	0	0	0	0	0	48	0	0
14-Jul	0	0	0	0	0	48	0	0

Table 14.—Historical North Alaska Peninsula sockeye salmon escapements and escapement goals, 1986–2013.

Year	Nelson River		Bear River		Sandy River		Ilnik River		Meshik River		Cinder River	
	Escapement ^{a,b}	Goal	Escapement ^b	Goal	Escapement ^b	Goal	Escapement ^{b,c}	Goal	Escapement ^{d,e}	Goal	Escapement ^{d,f}	Goal
1986			272,500						26,230		25,650	
1987			258,000						28,290		17,900	
1988			310,000						35,900		1,800	
1989	193,300		451,000						10,520		3,950	
1990	240,700		546,800						26,830		11,850	
1991	268,400		606,000				135,000		26,400		47,400	
1992	162,300		450,000				45,000		33,100		12,500	
1993	207,200		452,000				70,000		50,000		20,000	
1994	325,300		465,000	200,000	115,000		75,000		44,900		83,400	
1995	329,400	100,000	305,000	to	125,000		39,000		85,610		47,500	6,000
1996	250,500	to	367,000	250,000	64,000		62,000		50,100		60,000	to
1997	183,100	150,000	360,000		38,000		82,000		40,505	10,000	33,000	12,000
1998	159,800		415,000		52,000		50,000		58,200	to	57,000	
1999	202,067		350,000		58,000	40,000	75,000		75,500	20,000	12,400	
2000	182,700		275,000		40,000	to	95,000		184,100		51,000	
2001	201,962		300,000		51,000	60,000	58,000	40,000	115,000		24,950	
2002	315,693		275,000		49,000		43,000	to	52,250		11,500	
2003	343,511		366,000		66,000		69,000	60,000	114,000		102,700	
2004	480,097		435,000		32,000		82,000		102,200		58,050	
2005	303,000		554,000		101,000		154,000		111,100		141,000	
2006	215,000		445,000		48,000		88,000		138,010		101,000	
2007	180,000		431,000		44,700		93,000		57,400		142,000	
2008	141,600	97,000	321,000	293,000	32,200		44,300		83,250		129,800	
2009	157,000	to	349,500	to	36,000		66,000		88,000		133,600	
2010	108,000	219,000	369,500	488,000	37,000	34,000 to	59,000		63,700		108,900	12,000 to
2011	89,000		340,000		37,500	74,000	43,000		93,900	25,000 to	106,000	
2012	103,300		289,600		27,100		61,000		50,900	100,000	76,620	
2013	248,000		416,000		42,000		51,000		85,800		95,000	
2003–2012 Avg	212,051		390,060		46,150		75,930		90,246		109,967	

^a Does not include David or Caribou Rivers.
^b Escapement is based on weir counts and post weir escapement estimates. Only those years when weirs were present are included in the table.
^c From 2005–2010, 2012, and in 2013, the Ocean River did not flow into Ilnik Lagoon. For those years, the Ocean River escapements (determined by aerial surveys) have been added to the Ilnik River weir count. In 2013 the Ocean River escapement was 20,000 fish.
^d Escapement is based on aerial surveys.
^e Meshik River escapement includes Red and Yellow Bluff creeks (tributaries).
^f Cinder River escapement includes Mud Creek (a tributary).

Table 15.--Sockeye salmon daily and cumulative escapement counts through the Nelson River weir, 2013.

Date	Daily			Cumulative			Daily Percent		Cumulative Percent		
	Adults	Jacks	Total	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total
Prior 9-Jun	3,000	0	3,000	3,000	0	3,000	100.0	0.0	1.2	0.0	1.2
9-Jun	850	0	850	3,850	0	3,850	100.0	0.0	1.6	0.0	1.6
10-Jun	1,083	23	1,106	4,933	23	4,956	97.9	2.1	2.0	2.0	2.0
11-Jun	2,191	11	2,202	7,124	34	7,158	99.5	0.5	2.9	2.9	2.9
12-Jun	2,765	30	2,795	9,889	64	9,953	98.9	1.1	4.0	5.5	4.0
13-Jun	2,999	30	3,029	12,888	94	12,982	99.0	1.0	5.2	8.0	5.3
14-Jun	2,087	5	2,092	14,975	99	15,074	99.8	0.2	6.1	8.5	6.1
15-Jun	3,756	10	3,766	18,731	109	18,840	99.7	0.3	7.6	9.3	7.6
16-Jun	5,740	5	5,745	24,471	114	24,585	99.9	0.1	10.0	9.7	10.0
17-Jun	10,594	20	10,614	35,065	134	35,199	99.8	0.2	14.3	11.5	14.3
18-Jun	8,895	8	8,903	43,960	142	44,102	99.9	0.1	17.9	12.1	17.9
19-Jun	10,821	17	10,838	54,781	159	54,940	99.8	0.2	22.3	13.6	22.3
20-Jun	7,225	12	7,237	62,006	171	62,177	99.8	0.2	25.3	14.6	25.2
21-Jun	4,841	4	4,845	66,847	175	67,022	99.9	0.1	27.2	15.0	27.2
22-Jun	8,092	12	8,104	74,939	187	75,126	99.9	0.1	30.5	16.0	30.5
23-Jun	15,016	10	15,026	89,955	197	90,152	99.9	0.1	36.6	16.8	36.5
24-Jun	14,577	19	14,596	104,532	216	104,748	99.9	0.1	42.6	18.5	42.5
25-Jun	10,509	29	10,538	115,041	245	115,286	99.7	0.3	46.9	20.9	46.7
26-Jun	16,626	45	16,671	131,667	290	131,957	99.7	0.3	53.6	24.8	53.5
27-Jun	12,933	36	12,969	144,600	326	144,926	99.7	0.3	58.9	27.9	58.7
28-Jun	13,754	51	13,805	158,354	377	158,731	99.6	0.4	64.5	32.2	64.3
29-Jun	7,323	29	7,352	165,677	406	166,083	99.6	0.4	67.5	34.7	67.3
30-Jun	15,878	57	15,935	181,555	463	182,018	99.6	0.4	73.9	39.6	73.8
1-Jul	6,149	27	6,176	187,704	490	188,194	99.6	0.4	76.4	41.9	76.3
2-Jul	9,689	90	9,779	197,393	580	197,973	99.1	0.9	80.4	49.6	80.2
3-Jul	9,773	90	9,863	207,166	670	207,836	99.1	0.9	84.4	57.3	84.2
4-Jul	11,033	118	11,151	218,199	788	218,987	98.9	1.1	88.9	67.4	88.8
5-Jul	5,156	84	5,240	223,355	872	224,227	98.4	1.6	91.0	74.5	90.9
6-Jul	5,593	49	5,642	228,948	921	229,869	99.1	0.9	93.2	78.7	93.2

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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
7-Jul	2,409	25	2,434	231,357	946	232,303	99.0	1.0	94.2	80.9	94.2
8-Jul	2,507	29	2,536	233,864	975	234,839	98.9	1.1	95.2	83.3	95.2
9-Jul	2,488	29	2,517	236,352	1,004	237,356	98.8	1.2	96.3	85.8	96.2
10-Jul	1,352	21	1,373	237,704	1,025	238,729	98.5	1.5	96.8	87.6	96.8
11-Jul	1,306	21	1,327	239,010	1,046	240,056	98.4	1.6	97.3	89.4	97.3
12-Jul	1,050	31	1,081	240,060	1,077	241,137	97.1	2.9	97.8	92.1	97.7
13-Jul	925	7	932	240,985	1,084	242,069	99.2	0.8	98.1	92.6	98.1
14-Jul	685	5	690	241,670	1,089	242,759	99.3	0.7	98.4	93.1	98.4
15-Jul	1,126	11	1,137	242,796	1,100	243,896	99.0	1.0	98.9	94.0	98.9
16-Jul	1,009	23	1,032	243,805	1,123	244,928	97.8	2.2	99.3	96.0	99.3
17-Jul	789	26	815	244,594	1,149	245,743	96.8	3.2	99.6	98.2	99.6
18-Jul	309	10	319	244,903	1,159	246,062	96.9	3.1	99.7	99.1	99.7
19-Jul	140	6	146	245,043	1,165	246,208	95.9	4.1	99.8	99.6	99.8
20-Jul	168	4	172	245,211	1,169	246,380	97.7	2.3	99.9	99.9	99.9
21-Jul	70	1	71	245,281	1,170	246,451	98.6	1.4	99.9	100.0	99.9
22-Jul	249	0	249	245,530	1,170	246,700	100.0	0.0	100.0	100.0	100.0
23-Jul	Weir removed										
Total	245,530	1,170	246,700								
Post-weir sockeye escapement estimate:				1,300 ^a							
Estimated total sockeye escapement:				248,000							

^a Post weir escapement estimates were determined using aerial surveys, commercial fishery performance, 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, 1986–2013.

Year	Early-Run Escapement ^a	Late-Run Escapement ^b	Late-Run Catch ^c	Late-Run Total ^d
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
2009	216,237	133,263	324,650	457,913
2010	226,534	142,966	298,062	441,028
2011	207,451	132,549	75,234	207,783
2012	173,158	116,442	0	116,442
2013	219,074	196,926	100,485	297,411
2003–2012 Average	233,115	160,580	307,335	464,281

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

^a Bear River escapement through July 31.

^b Bear River escapement post July 31, including post-weir estimate.

^c Commercial catch from Port Moller Bight to Strogonof Point, post July 31.

^d 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, 2013.

Date	Daily			Cumulative			Daily Percent		Cumulative Percent		
	Adults	Jacks	Total	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total
28-May	3	0	3	3	0	3	100.0	0.0	0.0	0.0	0.0
29-May	16	0	16	19	0	19	100.0	0.0	0.0	0.0	0.0
30-May	9	0	9	28	0	28	100.0	0.0	0.0	0.0	0.0
31-May	8	0	8	36	0	36	100.0	0.0	0.0	0.0	0.0
1-Jun	43	0	43	79	0	79	100.0	0.0	0.0	0.0	0.0
2-Jun	46	7	53	125	7	132	86.8	13.2	0.0	0.0	0.0
3-Jun	63	0	63	188	7	195	100.0	0.0	0.0	0.0	0.0
4-Jun	64	1	65	252	8	260	98.5	1.5	0.1	0.1	0.1
5-Jun	83	5	88	335	13	348	94.3	5.7	0.1	0.1	0.1
6-Jun	238	11	249	573	24	597	95.6	4.4	0.1	0.2	0.1
7-Jun	143	12	155	716	36	752	92.3	7.7	0.2	0.2	0.2
8-Jun	292	14	306	1,008	50	1,058	95.4	4.6	0.3	0.3	0.3
9-Jun	685	31	716	1,693	81	1,774	95.7	4.3	0.4	0.6	0.4
10-Jun	617	29	646	2,310	110	2,420	95.5	4.5	0.6	0.8	0.6
11-Jun	546	22	568	2,856	132	2,988	96.1	3.9	0.7	0.9	0.7
12-Jun	515	13	528	3,371	145	3,516	97.5	2.5	0.9	1.0	0.9
13-Jun	1,426	32	1,458	4,797	177	4,974	97.8	2.2	1.2	1.2	1.2
14-Jun	1,540	27	1,567	6,337	204	6,541	98.3	1.7	1.6	1.4	1.6
15-Jun	1,659	30	1,689	7,996	234	8,230	98.2	1.8	2.1	1.6	2.1
16-Jun	1,751	35	1,786	9,747	269	10,016	98.0	2.0	2.5	1.9	2.5
17-Jun	2,889	47	2,936	12,636	316	12,952	98.4	1.6	3.3	2.2	3.2
18-Jun	2,454	36	2,490	15,090	352	15,442	98.6	1.4	3.9	2.4	3.9
19-Jun	7,211	90	7,301	22,301	442	22,743	98.8	1.2	5.8	3.0	5.7
20-Jun	6,485	98	6,583	28,786	540	29,326	98.5	1.5	7.5	3.7	7.3
21-Jun	3,993	55	4,048	32,779	595	33,374	98.6	1.4	8.5	4.1	8.3
22-Jun	1,648	37	1,685	34,427	632	35,059	97.8	2.2	8.9	4.3	8.8
23-Jun	523	8	531	34,950	640	35,590	98.5	1.5	9.1	4.4	8.9
24-Jun	8,346	126	8,472	43,296	766	44,062	98.5	1.5	11.2	5.3	11.0
25-Jun	12,963	194	13,157	56,259	960	57,219	98.5	1.5	14.6	6.6	14.3

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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
26-Jun	3,895	110	4,005	60,154	1,070	61,224	97.3	2.7	16.6	7.6	16.3
27-Jun	2,321	123	2,444	62,475	1,193	63,668	95.0	5.0	17.2	8.4	16.9
28-Jun	3,196	120	3,316	65,671	1,313	66,984	96.4	3.6	18.1	9.3	17.8
29-Jun	7,850	138	7,988	73,521	1,451	74,972	98.3	1.7	20.3	10.2	19.9
30-Jun	5,544	146	5,690	79,065	1,597	80,662	97.4	2.6	21.8	11.3	21.4
1-Jul	2,523	31	2,554	81,588	1,628	83,216	98.8	1.2	22.5	11.5	22.1
2-Jul	5,352	106	5,458	86,940	1,734	88,674	98.1	1.9	24.0	12.2	23.6
3-Jul	3,250	94	3,344	90,190	1,828	92,018	97.2	2.8	24.9	12.9	24.4
4-Jul	7,467	309	7,776	97,657	2,137	99,794	96.0	4.0	27.0	15.1	26.5
5-Jul	14,941	616	15,557	112,598	2,753	115,351	96.0	4.0	31.1	19.4	30.6
6-Jul	5,830	181	6,011	118,428	2,934	121,362	97.0	3.0	32.7	20.7	32.2
7-Jul	4,019	108	4,127	122,447	3,042	125,489	97.4	2.6	33.8	21.5	33.3
8-Jul	2,355	104	2,459	124,802	3,146	127,948	95.8	4.2	34.5	22.2	34.0
9-Jul	4,120	151	4,271	128,922	3,297	132,219	96.5	3.5	35.6	23.3	35.1
10-Jul	5,873	342	6,215	134,795	3,639	138,434	94.5	5.5	37.2	25.7	36.8
11-Jul	5,720	303	6,023	140,515	3,942	144,457	95.0	5.0	38.8	27.8	38.4
12-Jul	3,195	164	3,359	143,710	4,106	147,816	95.1	4.9	39.7	29.0	39.3
13-Jul	1,643	125	1,768	145,353	4,231	149,584	92.9	7.1	40.1	29.9	39.7
14-Jul	1,770	125	1,895	147,123	4,356	151,479	93.4	6.6	40.6	30.7	40.2
15-Jul	2,601	167	2,768	149,724	4,523	154,247	94.0	6.0	41.3	31.9	41.0
16-Jul	2,554	183	2,737	152,278	4,706	156,984	93.3	6.7	42.0	33.2	41.7
17-Jul	1,756	128	1,884	154,034	4,834	158,868	93.2	6.8	42.5	34.1	42.2
18-Jul	1,376	128	1,504	155,410	4,962	160,372	91.5	8.5	42.9	35.0	42.6
19-Jul	2,813	231	3,044	158,223	5,193	163,416	92.4	7.6	43.7	36.6	43.4
20-Jul	5,160	265	5,425	163,383	5,458	168,841	95.1	4.9	45.1	38.5	44.9
21-Jul	4,831	254	5,085	168,214	5,712	173,926	95.0	5.0	46.4	40.3	46.2
22-Jul	3,309	319	3,628	171,523	6,031	177,554	91.2	8.8	47.3	42.6	47.2
23-Jul	4,920	385	5,305	176,443	6,416	182,859	92.7	7.3	48.7	45.3	48.6
24-Jul	5,089	327	5,416	181,532	6,743	188,275	94.0	6.0	50.1	47.6	50.0
25-Jul	4,924	304	5,228	186,456	7,047	193,503	94.2	5.8	51.5	49.7	51.4

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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
26-Jul	4,020	294	4,314	190,476	7,341	197,817	93.2	6.8	52.6	51.8	52.6
27-Jul	4,053	243	4,296	194,529	7,584	202,113	94.3	5.7	53.7	53.5	53.7
28-Jul	4,239	348	4,587	198,768	7,932	206,700	92.4	7.6	54.9	56.0	54.9
29-Jul	4,047	236	4,283	202,815	8,168	210,983	94.5	5.5	56.0	57.6	56.0
30-Jul	4,750	130	4,880	207,565	8,298	215,863	97.3	2.7	57.3	58.6	57.3
31-Jul	3,008	203	3,211	210,573	8,501	219,074	93.7	6.3	58.1	60.0	58.2
1-Aug	2,077	103	2,180	212,650	8,604	221,254	95.3	4.7	58.7	60.7	58.8
2-Aug	8,911	298	9,209	221,561	8,902	230,463	96.8	3.2	61.2	62.8	61.2
3-Aug	5,447	206	5,653	227,008	9,108	236,116	96.4	3.6	62.7	64.3	62.7
4-Aug	12,808	314	13,122	239,816	9,422	249,238	97.6	2.4	66.2	66.5	66.2
5-Aug	9,639	353	9,992	249,455	9,775	259,230	96.5	3.5	68.9	69.0	68.9
6-Aug	7,848	208	8,056	257,303	9,983	267,286	97.4	2.6	71.0	70.5	71.0
7-Aug	1,632	48	1,680	258,935	10,031	268,966	97.1	2.9	71.5	70.8	71.5
8-Aug	4,253	136	4,389	263,188	10,167	273,355	96.9	3.1	72.7	71.8	72.6
9-Aug	17,243	526	17,769	280,431	10,693	291,124	97.0	3.0	77.4	75.5	77.3
10-Aug	13,940	321	14,261	294,371	11,014	305,385	97.7	2.3	81.3	77.7	81.1
11-Aug	9,555	334	9,889	303,926	11,348	315,274	96.6	3.4	83.9	80.1	83.8
12-Aug	13,410	514	13,924	317,336	11,862	329,198	96.3	3.7	87.6	83.7	87.5
13-Aug	6,759	243	7,002	324,095	12,105	336,200	96.5	3.5	89.5	85.4	89.3
14-Aug	2,994	226	3,220	327,089	12,331	339,420	93.0	7.0	90.3	87.0	90.2
15-Aug	2,817	132	2,949	329,906	12,463	342,369	95.5	4.5	91.1	88.0	91.0
16-Aug	2,732	182	2,914	332,638	12,645	345,283	93.8	6.2	91.8	89.2	91.7
17-Aug	1,953	171	2,124	334,591	12,816	347,407	91.9	8.1	92.4	90.4	92.3
18-Aug	1,666	151	1,817	336,257	12,967	349,224	91.7	8.3	92.8	91.5	92.8
19-Aug	4,409	309	4,718	340,666	13,276	353,942	93.5	6.5	94.0	93.7	94.0
20-Aug	9,023	372	9,395	349,689	13,648	363,337	96.0	4.0	96.5	96.3	96.5
21-Aug	6,778	256	7,034	356,467	13,904	370,371	96.4	3.6	98.4	98.1	98.4
22-Aug	2,908	113	3,021	359,375	14,017	373,392	96.3	3.7	99.2	98.9	99.2
23-Aug	2,887	153	3,040	362,262	14,170	376,432	95.0	5.0	100.0	100.0	100.0
24-Aug	Weir removed										
Total	362,262	14,170	376,432								
Post Weir Escapement Estimate:			39,568 ^a								
Estimated Total Escapement:			416,000								

^a Post weir escapement estimates were determined using aerial surveys, commercial fishery performance, 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, 2013.

Date	Daily			Cumulative			Daily Percent		Cumulative Percent		
	Adults	Jacks	Total	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total
11-Jun	41	0	41	41	0	41	100.0	0.0	0.1	0.0	0.1
12-Jun	47	0	47	88	0	88	100.0	0.0	0.2	0.0	0.2
13-Jun	116	2	118	204	2	206	98.3	1.7	0.5	0.6	0.5
14-Jun	189	0	189	393	0	393	0.0	0.0	1.0	0.0	1.0
15-Jun	104	0	104	497	0	497	100.0	0.0	1.3	0.0	1.3
16-Jun	80	0	80	577	0	577	100.0	0.0	1.5	0.0	1.5
17-Jun	341	1	342	918	1	919	99.7	0.3	2.4	0.3	2.4
18-Jun	764	12	776	1,682	13	1,695	0.0	0.0	4.4	3.8	4.4
19-Jun	676	4	680	2,358	17	2,375	99.4	0.6	6.1	5.0	6.1
20-Jun	967	5	972	3,325	22	3,347	99.5	0.5	8.6	6.5	8.6
21-Jun	1,151	0	1,151	4,476	22	4,498	100.0	0.0	11.6	6.5	11.6
22-Jun	1,300	0	1,300	5,776	22	5,798	100.0	0.0	15.0	6.5	14.9
23-Jun	1,300	0	1,300	7,076	22	7,098	100.0	0.0	18.3	6.5	18.2
24-Jun	1,600	0	1,600	8,676	22	8,698	100.0	0.0	22.5	6.5	22.4
25-Jun	1,800	0	1,800	10,476	22	10,498	100.0	0.0	27.2	6.5	27.0
26-Jun	1,500	0	1,500	11,976	22	11,998	100.0	0.0	31.1	6.5	30.8
27-Jun	1,400	0	1,400	13,376	22	13,398	100.0	0.0	34.7	6.5	34.4
28-Jun	1,200	0	1,200	14,576	22	14,598	100.0	0.0	37.8	6.5	37.5
29-Jun	1,100	0	1,100	15,676	22	15,698	100.0	0.0	40.6	6.5	40.3
30-Jun	700	0	700	16,376	22	16,398	100.0	0.0	42.5	6.5	42.1
1-Jul	339	2	341	16,715	24	16,739	99.4	0.6	43.3	7.1	43.0
2-Jul	241	2	243	16,956	26	16,982	99.2	0.8	44.0	7.6	43.6
3-Jul	815	7	822	17,771	33	17,804	99.1	0.9	46.1	9.7	45.8
4-Jul	1,000	16	1,016	18,771	49	18,820	98.4	1.6	48.7	14.4	48.4
5-Jul	2,595	62	2,657	21,366	111	21,477	97.7	2.3	55.4	32.6	55.2
6-Jul	2,896	27	2,923	24,262	138	24,400	99.1	0.9	62.9	40.6	62.7
7-Jul	1,521	11	1,532	25,783	149	25,932	99.3	0.7	66.9	43.8	66.7
8-Jul	643	4	647	26,426	153	26,579	99.4	0.6	68.5	45.0	68.3
9-Jul	1,221	5	1,226	27,647	158	27,805	99.6	0.4	71.7	46.5	71.5
10-Jul	1,089	13	1,102	28,736	171	28,907	98.8	1.2	74.5	50.3	74.3
11-Jul	1,493	15	1,508	30,229	186	30,415	99.0	1.0	78.4	54.7	78.2

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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
12-Jul	1,900	22	1,922	32,129	210	32,339	98.9	1.1	83.3	61.8	83.1
13-Jul	1,600	26	1,626	33,729	236	33,965	98.4	1.6	87.5	69.4	87.3
14-Jul	640	10	650	34,369	246	34,615	98.5	1.5	89.1	72.4	89.0
15-Jul	259	6	265	34,628	252	34,880	97.7	2.3	89.8	74.1	89.6
16-Jul	824	11	835	35,452	263	35,715	98.7	1.3	91.9	77.4	91.8
17-Jul	970	23	993	36,422	286	36,708	97.7	2.3	94.4	84.1	94.3
18-Jul	806	16	822	37,228	302	37,530	98.1	1.9	96.5	88.8	96.5
19-Jul	647	16	663	37,875	318	38,193	97.6	2.4	98.2	93.5	98.2
20-Jul	692	22	714	38,567	340	38,907	96.9	3.1	100.0	100.0	100.0
21-Jul	Weir removed										
Total	38,567	340	38,907								
Post Weir Escapement Estimate:			3,093 ^a								
Total Estimated Escapement:			42,000								

^a Post weir escapement estimates were determined using aerial surveys 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, 2013.

Date	Daily			Cumulative			Daily Percent		Cumulative Percent		
	Adults	Jacks	Total	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total
prior 1-Jun	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	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	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
6-Jun	52	0	52	52	0	52	100.0	0.0	0.2	0.0	0.2
7-Jun	146	0	146	198	0	198	100.0	0.0	0.7	0.0	0.7
8-Jun	120	0	120	318	0	318	100.0	0.0	1.1	0.0	1.1
9-Jun	184	9	193	502	9	511	95.3	4.7	1.8	3.4	1.8
10-Jun	97	5	102	599	14	613	95.1	4.9	2.1	5.4	2.2
11-Jun	137	3	140	736	17	753	97.9	2.1	2.6	6.5	2.7
12-Jun	93	3	96	829	20	849	96.9	3.1	2.9	7.7	3.0
13-Jun	901	20	921	1,730	40	1,770	97.8	2.2	6.2	15.3	6.2
14-Jun	35	1	36	1,765	41	1,806	0.0	0.0	6.3	15.7	6.4
15-Jun	40	8	48	1,805	49	1,854	83.3	16.7	6.4	18.8	6.5
16-Jun	957	50	1,007	2,762	99	2,861	95.0	5.0	9.8	37.9	10.1
17-Jun	22	0	22	2,784	99	2,883	100.0	0.0	9.9	37.9	10.2
18-Jun	279	7	286	3,063	106	3,169	97.6	2.4	10.9	40.6	11.2
19-Jun	360	4	364	3,423	110	3,533	0.0	0.0	12.2	42.1	12.4
20-Jun	275	2	277	3,698	112	3,810	99.3	0.7	13.1	42.9	13.4
21-Jun	312	1	313	4,010	113	4,123	99.7	0.3	14.3	43.3	14.5
22-Jun	1,661	10	1,671	5,671	123	5,794	0.0	0.0	20.2	47.1	20.4
23-Jun	1,610	8	1,618	7,281	131	7,412	99.5	0.5	25.9	50.2	26.1
24-Jun	2,606	3	2,609	9,887	134	10,021	99.9	0.1	35.2	51.3	35.3
25-Jun	1,304	7	1,311	11,191	141	11,332	99.5	0.5	39.8	54.0	39.9
26-Jun	1,500	0	1,500	12,691	141	12,832	100.0	0.0	45.1	54.0	45.2
27-Jun	1,354	9	1,363	14,045	150	14,195	99.3	0.7	49.9	57.5	50.0
28-Jun	688	1	689	14,733	151	14,884	99.9	0.1	52.4	57.9	52.4

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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
29-Jun	605	2	607	15,338	153	15,491	99.7	0.3	54.5	58.6	54.6
30-Jun	2,500	0	2,500	17,838	153	17,991	100.0	0.0	63.4	58.6	63.4
1-Jul	0	0	0	17,838	153	17,991	0.0	0.0	63.4	58.6	63.4
2-Jul	572	0	572	18,410	153	18,563	100.0	0.0	65.5	58.6	65.4
3-Jul	994	16	1,010	19,404	169	19,573	98.4	1.6	69.0	64.8	69.0
4-Jul	1,474	24	1,498	20,878	193	21,071	98.4	1.6	74.2	73.9	74.2
5-Jul	1,713	6	1,719	22,591	199	22,790	99.7	0.3	80.3	76.2	80.3
6-Jul	933	3	936	23,524	202	23,726	99.7	0.3	83.6	77.4	83.6
7-Jul	1,117	3	1,120	24,641	205	24,846	99.7	0.3	87.6	78.5	87.5
8-Jul	399	0	399	25,040	205	25,245	100.0	0.0	89.0	78.5	88.9
9-Jul	1,175	7	1,182	26,215	212	26,427	99.4	0.6	93.2	81.2	93.1
10-Jul	562	8	570	26,777	220	26,997	98.6	1.4	95.2	84.3	95.1
11-Jul	636	18	654	27,413	238	27,651	97.2	2.8	97.5	91.2	97.4
12-Jul	293	13	306	27,706	251	27,957	95.8	4.2	98.5	96.2	98.5
13-Jul	166	4	170	27,872	255	28,127	97.6	2.4	99.1	97.7	99.1
14-Jul	251	6	257	28,123	261	28,384	97.7	2.3	100.0	100.0	100.0
15-Jul	Weir removed										
Total	28,123	261	28,384								
Post Weir Escapement Estimate:			2,616 ^a								
Estimated Total Escapement:			31,000								

^a Post weir escapement estimates were determined using aerial surveys to provide a reasonable estimate of escapement levels after weir was removed.

Table 20.—North Peninsula salmon harvest by species and day, 2013.

Catch Date	Permits	Landings	Number of Fish				
			Chinook	Sockeye	Coho	Pink	Chum
Prior to 10-Jun	0	0	0	0	0	0	0
10-Jun ^b	18	19	23	4,601	0	0	1
11-Jun	16	17	40	4,470	0	0	0
12-Jun	13	13	13	3,167	0	0	0
13 Jun–16 Jun ^a							
17-Jun	18	18	70	8,357	0	0	0
18-Jun	19	19	43	4,920	0	0	0
19-Jun	18	18	37	5,747	0	0	0
20-Jun	18	19	30	5,695	0	0	0
21-Jun	12	12	11	4,220	0	0	0
22 Jun–23 Jun ^a							
24-Jun	27	28	23	13,934	0	0	0
25-Jun	44	44	26	47,247	0	0	192
26-Jun	53	61	23	53,130	0	0	372
27-Jun	64	86	37	78,247	0	0	1,635
28-Jun	78	78	37	26,230	0	1	362
29-Jun	105	131	45	42,304	0	0	781
30-Jun	63	63	11	18,104	0	0	312
1-Jul	19	19	7	5,289	0	0	0
2-Jul	21	21	2	6,740	0	0	0
3-Jul	112	115	7	34,452	0	0	3,101
4-Jul	112	142	23	87,714	0	1	6,203
5-Jul	84	90	6	27,692	0	0	1,340
6-Jul	23	23	0	5,481	0	0	9
7-Jul	20	20	0	3,462	0	0	27
8-Jul	65	66	7	14,453	2	0	4,393
9-Jul	67	72	7	19,641	8	5	7,569
10-Jul	81	82	18	18,844	20	12	8,459
11-Jul	47	47	5	6,696	1	10	5,058
12-Jul	18	19	0	2,551	0	0	188
13 Jun–14 Jun ^a							
15-Jul	51	51	1	5,782	15	37	1,672
16-Jul	45	46	7	6,105	11	39	3,835

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Table 20.–Page 2 of 3.

Catch Date	Permits	Landings	Number of Fish				
			Chinook	Sockeye	Coho	Pink	Chum
17-Jul	40	41	0	4,444	11	12	2,043
18-Jul	24	24	1	2,411	0	0	3,323
19-Jul	15	16	0	1,711	4	0	395
20 Jul–21 Jul ^a							
22-Jun	35	35	0	8,469	14	42	22,883
23-Jul	32	32	0	3,935	6	0	7,243
24-Jul	33	35	2	4,121	83	182	8,375
25-Jul	33	34	0	4,746	35	31	6,638
26-Jul	12	12	0	647	15	0	938
27 Jul–28 Jul ^a							
29-Jul	34	35	1	2,917	104	163	11,534
30-Jul	32	35	0	6,120	70	76	4,514
31-Jul	19	19	2	1,440	68	6	667
1-Aug	23	24	0	2,108	136	149	1,288
2-Aug	13	13	0	1,028	113	0	591
3 Aug–4 Aug ^a							
5-Aug	17	17	0	4,946	374	0	11,247
6-Aug	9	9	0	741	181	0	97
7-Aug	8	8	0	178	56	0	36
8-Aug	45	47	0	10,277	446	182	280
9-Aug	41	43	0	9,679	443	353	243
10-Aug	47	50	0	10,673	575	278	351
11-Aug	42	42	0	9,494	736	296	286
12-Aug	53	53	1	10,086	808	232	304
13-Aug	49	49	0	4,360	399	2,707	479
14-Aug	45	46	0	3,795	946	215	1,155
15-Aug	36	36	0	3,594	744	84	113
16-Aug	28	43	0	6,824	462	108	82
17-Aug	10	14	0	2,528	133	0	37
18-Aug ^a							
19-Aug	24	24	1	4,173	1,297	1	53
20-Aug	33	38	1	6,025	1,911	0	62
21-Aug	33	39	1	4,159	1,984	2	34
22-Aug	31	31	1	3,130	1,674	0	34
23-Aug	28	28	0	4,925	708	3	28
24-Aug	34	43	0	6,106	1,668	39	39
25-Aug	7	7	0	892	54	0	11

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Table 20.–Page 3 of 3

Catch Date	Permits	Landings	Number of Fish				
			Chinook	Sockeye	Coho	Pink	Chum
26-Aug	29	30	1	1,679	1,062	4	7
27-Aug	32	34	0	1,686	2,058	11	9
28-Aug	24	24	0	856	1,434	0	9
29-Aug ^a							
30-Aug	21	21	0	170	1,218	0	1
31-Aug	15	16	0	275	1,996	0	1
1-Sep ^a							
2-Sep	9	9	0	273	414	0	0
3-Sep	11	12	0	165	925	0	0
4-Sep	9	9	0	7	723	0	0
5-Sep	10	11	0	267	884	0	0
6-Sep ^b	9	9	0	1	423	0	0
Total	150	2,636	571	721,336	27,452	5,281	130,939

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

^a No harvest effort occurred.

^b No harvest effort occurred after September 6, 2013.

Table 21.—North Peninsula salmon harvest by district, statistical area, and section, 2013.

Statistical Area	Section	Number of Salmon					Total
		Chinook	Sockeye	Coho	Pink	Chum	
<i>NORTHWESTERN DISTRICT</i>							
311-20	Dublin Bay Section ^a	0	0	0	0	0	0
311-32	Urilia Bay Section ^a	0	0	0	0	0	0
311-52	Swanson Lagoon Section ^a	0	0	0	0	0	0
311-60	Bechevin Bay Section	0	0	0	2,958	9,345	12,303
311-58	Cape Krenitzen to Cape Glazenap ^b						
312-10	Cape Glazenap to Moffet Point	1	2,468	5	40	3,525	6,039
312-20	Izembek Lagoon ^b						
312-40	Moffet Bay	7	20,169	20	119	69,090	89,405
Izembek-Moffet Bay Section Total		8	24,098	25	165	77,037	100,868
<i>NORTHWESTERN DISTRICT TOTAL</i>		8	24,098	25	3,123	86,382	113,171
<i>NORTHERN DISTRICT</i>							
313-10	Black Hills Section	37	32,373	323	325	21,185	54,243
313-20	Caribou Flats Section ^c	0	0	0	0	0	0
313-30	Nelson Lagoon Section	346	217,327	21,734	13	7,210	246,630
314-12	Port Moller Bight Section ^a	0	0	0	0	0	0
314-20	Herendeen Bay ^b						
314-30	Moller Bay ^b						
Herendeen-Moller Bay Section Total^b							
315-11	Bear River	42	59,426	1,510	86	864	61,928
315-20	Muddy River	13	34,909	788	702	663	37,075
Bear River Section Total		55	94,335	2,298	788	1,527	99,003
316-10	Three Hills Section	1	16,983	1,162	503	322	18,971
316-20	Southwest Ilnik	48	54,834	1,674	452	802	57,810
316-22	Ilnik Lagoon ^a	0	0	0	0	0	0
316-25	Northeast Ilnik	26	26,455	0	0	929	27,410
Ilnik Section Total		74	81,289	1,674	452	1,731	85,220
317-10	Outer Port Heiden Section	50	254,916	40	77	11,849	266,932
317-20	Inner Port Heiden Section ^a	0	0	0	0	0	0
318-20	Cinder River Section ^b						
<i>NORTHERN DISTRICT TOTAL^d</i>		563	697,238	27,427	2,158	44,557	770,999
<i>NORTH PENINSULA TOTAL^d</i>		571	721,336	27,452	5,281	130,939	884,170

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

^a There was no commercial salmon harvest effort in this section in 2013.

^b Confidentiality requirements prohibit the release of this information.

^c Caribou Flats Section: no open season.

^d Total includes information not provided due to confidentiality requirements.

Table 22.—Northwestern District sockeye salmon runs (number of fish), 1962–2013.

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

-continued-

Table 22.—Page 2 of 5.

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

-continued-

Table 22.–Page 3 of 5.

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

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Table 22.–Page 4 of 5.

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

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Table 22.–Page 5 of 5.

Year		Izembek - Moffet Bay ^a	Dublin, Uria, & Bechevin bays & Swanson Lagoon ^{a,b}	Northwestern District Total
2009	Catch	10,869	26,190	37,059
	Escapement ^c	39,300	49,700	89,000
	Total	50,169	75,890	126,059
2010	Catch	25,582	29,223	54,805
	Escapement ^c	12,700	36,400	49,100
	Total	38,282	65,623	103,905
2011	Catch	17,918	2,195	20,113
	Escapement ^c	10,200	38,700	48,900
	Total	28,118	40,895	69,013
2012	Catch	54,072	3,301	57,373
	Escapement ^c	28,270	51,100	79,370
	Total	82,342	54,401	136,743
2013	Catch	24,098	0	24,098
	Escapement ^c	16,200	26,500	42,700
	Total	40,298	26,500	66,798
2003–2012	Catch	26,557	40,326	66,884
Average	Escapement ^c	39,855	68,959	108,814
	Avg. Total	66,413	109,285	175,698

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

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

^b In 1983 only the Northwestern District catch includes a small harvest from the Dublin Bay Section.

^c Escapements are estimated totals.

Table 23.—Emergency order summary for the North Alaska Peninsula commercial salmon fishery, 2013.

Emergency Order #	Issued:	Effective:	Action Taken:
Port Moller- 1	8:00 p.m. June 16	6:00 a.m. June 17	Closure: The Port Moller Bight and Bear River sections will remain closed to commercial fishing from 6:00 a.m. Monday, June 17 until further notice.
Port Moller- 2	8:00 p.m. June 19	12:01 a.m. June 20	Closure: The Inik and Outer Port Heiden sections will remain closed to commercial salmon fishing from 12:01 a.m. Thursday, June 20 until further notice. Fishing Period: The Inner Port Heiden Section will open to commercial salmon fishing from 6:00 a.m. Thursday, June 20 until 6:00 a.m. Friday, June 21.
Port Moller- 3	9:00 a.m. June 20	11:59 p.m. June 20	Fishing Period: The Nelson Lagoon Section will open to commercial salmon fishing from 11:59 p.m. Thursday, June 20 until 11:59 p.m. Friday, June 21.
Port Moller- 4	8:00 p.m. June 23	6:00 a.m. June 25	Fishing Period: The Outer Port Heiden Section will open to commercial salmon fishing from 6:00 a.m. Tuesday, June 25 until 6:00 p.m. Thursday, June 27. That portion of the Outer Port Heiden section located from 3 nm to 1.5 nm from the beach is closed to commercial salmon season as per recent regulatory changes. Fishing Period: The Thee Hills Section will open to commercial salmon fishing from 6:00 a.m. Tuesday, June 25 until 6:00 p.m. Thursday, June 27. That portion location from 3 nm to 1.5 nm from the beach will be closed to commercial salmon fishing for the first 24 hours of the fishing period: from 6:00 a.m. Tuesday, June 25 until 6:00 a.m. Wednesday, June 26. Fishing Period: The Bear River Section will open to commercial salmon fishing from 6:00 a.m. Tuesday, June 25 until 6:00 p.m. Thursday, June 27. That portion of the Bear River Section located from 3 nm to 1.5 nm from the beach will be closed to commercial salmon fishing from 6:00 a.m. Wednesday, June 26 until 6:00 a.m. Thursday, June 27. That portion of the Bear River Section located southwest of Cape Kutuzof will be closed to commercial salmon fishing from 3 nm to 1.5 nm from 6:00 a.m. Thursday, June 27 until 6:00 p.m. Thursday, June 27.

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Table 23.–Page 2 of 6.

Emergency Order #	Issued:	Effective:	Action Taken:
Port Moller-5	12:00 p.m. June 27	11:59 p.m. June 29	<p>Fishing Period: The Nelson Lagoon Section will remain open to commercial salmon fishing from 11:59 p.m. Thursday, June 27 until 11:59 p.m. Saturday, June 29.</p> <p>Fishing Period: The Ilnik Section will open to commercial salmon fishing at noon Friday, June 28 until noon Sunday, June 30, however that portion of the Ilnik Section located from Unangashak Bluffs to Stroganof Point will be closed to commercial salmon fishing from 3 nm to 1.5 nm from the beach will be closed to commercial salmon fishing from noon Saturday, June 29 until noon Sunday, June 30.</p>
Port Moller- 6	9:00 a.m. June 29	11:59 p.m. June 29	<p>Fishing Period: The Nelson Lagoon Section will remain open to commercial salmon fishing from 11:59 p.m. Saturday, June 29 until 11:59 p.m. Thursday, July 4.</p> <p>Closure: The Port Moller Bight, Bear River, Three Hills and Outer Port Heiden sections will remain closed until further notice. The Ilnik Section as per previous announcement is open to commercial salmon fishing until noon Sunday, June 30 and will then remain closed to commercial fishing until further notice.</p>
Port Moller- 7	8:00 p.m. June 30	6:00 a.m. July 2	<p>Fishing Period: The Outer Port Heiden Section will open to commercial salmon fishing from 6:00 a.m. Tuesday, July 2 until 6:00 p.m. Thursday, July 4.</p> <p>Closure: The Port Moller Bight, Bear River, Three Hills, and Ilnik sections will remain closed to commercial salmon fishing until further notice.</p>
Port Moller- 8	8:00 p.m. July 1	6:00 a.m. July 2	<p>Fishing Period: Due to strong southwest winds, the Outer Port Heiden Section, which was originally going to reopen to commercial salmon fishing at 6:00 a.m. Tuesday, July 2, will remain closed to commercial salmon fishing from 6:00 a.m. Tuesday, July 2 for 24 hours and will reopen to commercial salmon fishing at 6:00 a.m. Wednesday, July 3 until 6:00 p.m. Friday, July 5. This news release delays the 60 hour commercial salmon fishery opening in the Outer Port Heiden Section 24 hours.</p> <p>Closure: The Port Moller Bight, Bear River, Three Hills, and Ilnik sections will remain closed to commercial salmon fishing until further notice.</p>

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Table 23.–Page 3 of 6.

Emergency Order #	Issued:	Effective:	Action Taken:
Port Moller-9	9:00 a.m. July 4	12:00 a.m. July 4	Fishing Period: The Nelson Lagoon Section will remain open to commercial salmon fishing from midnight Thursday, July 4 until 11:59 p.m. Saturday, July 6.
Port Moller- 10	9:00 a.m. July 6	11:59 p.m. July 6	Fishing Period: The Nelson Lagoon Section will remain open to commercial salmon fishing from 11:59 p.m. Saturday, July 6 until 11:59 p.m. Thursday, July 11.
Port Moller- 11	5:00 p.m. July 7	6:00 a.m. July 8	Fishing Period: The Outer Port Heiden Section will open to commercial salmon fishing from 6:00 a.m. Monday, July 8 until 6:00 p.m. Wednesday, July 10.
Port Moller- 12	9:00 a.m. July 11	11:59 p.m. July 11	Fishing Period: The Nelson Lagoon Section will remain open to commercial salmon fishing from 11:59 p.m. Thursday, July 11 until 11:59 p.m. Friday, July 12.
Port Moller- 13	5:00 p.m. July 14	6:00 a.m. July 15	Fishing Period: The Outer Port Heiden Section will open to commercial salmon fishing from 6:00 a.m. Monday, July 15 until 6:00 p.m. Wednesday, July 17.
Port Moller- 14	9:00 a.m. July 18	12:00 a.m. July 18	Fishing Period: The Nelson Lagoon Section will remain open to commercial salmon fishing from midnight Thursday, July 18 until 11:59 p.m. Friday, July 19.
Sand Point- 21	9:00 a.m. July 21	6:00 a.m. July 22	Fishing Period: The Bechevin Bay Section of the Northwestern District will open to commercial salmon fishing for 84 hours from 6:00 a.m. Monday, July 22 until 6:00 p.m. Thursday, July 25.
Port Moller- 15	5:00 p.m. July 21	5:00 p.m. July 21	Closure: The Outer Port Heiden Section will remain closed to commercial salmon fishing for the duration of the 2013 commercial salmon fishing season.
Port Moller- 16	9:00 a.m. July 25	12:00 a.m. July 25	Fishing Period: The Nelson lagoon Section will remain open to commercial salmon fishing from midnight Thursday, July 25 until 11:59 p.m. Friday, July 26.

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Table 23.–Page 4 of 6.

Emergency Order #	Issued:	Effective:	Action Taken:
Port Moller- 17	5:00 p.m. July 25	8:00 a.m. July 26	Fishing Period: The Herendeen-Moller Bay Section will open to commercial salmon fishing for 12 hours from 8:00 a.m. Friday, July 26 until 8:00 p.m. Friday, July 26.
Sand Point- 26	11:00 a.m. July 28	6:00 a.m. July 29	Closure: Commercial salmon fishing in the Izembek-Moffet Bay Section of the Northwestern District will be restricted to approximately 42 hours, from 6:00 a.m. Monday, July 29 until 11:59 p.m. Tuesday, July 30.
Port Moller- 18	9:00 a.m. July 29	11:59 p.m. July 30	Closure: That portion of the Black Hills Section west of 162°22.00' W. long. will close to commercial salmon fishing from 11:59 p.m. Tuesday, July 30 until 6:00 p.m. Thursday, August 1.
Port Moller- 19	9:00 a.m. August 1	12:00 a.m. August 1	Fishing Period: The Nelson Lagoon Section will remain open to commercial salmon fishing from midnight Thursday, August 1 until 11:59 p.m. Friday, August 2.
Sand Point- 30	9:03 a.m. August 4	6:00 a.m. August 5	Fishing Period: Commercial salmon fishing in the Izembek - Moffet Bay Section of the Northwestern District will be restricted to approximately 42 hours, from 6:00 a.m. Monday, August 5 until 11:59 p.m. Tuesday, August 6.
Port Moller- 20	9:00 a.m. August 6	11:59 p.m. August 6	Closure: That portion of the Black Hills Section west of 162° 22.00' W. long. will close to commercial salmon fishing from 11:59 p.m. Tuesday, August 6 until 6:00 p.m. Thursday, August 8.
Port Moller- 21	12:00 p.m. August 6	6:00 a.m. August 7	<p>Closure: The commercial salmon fishing season in that portion of the Bear River Section located from the southern 1,000 yard regulatory marker at King Salmon River to Cape Kutuzof at 160° 19.64' W. long will be closed to commercial salmon fishing from 6:00 a.m. Wednesday, August 7 until further notice.</p> <p>Fishing Period: The portion of the Bear River Section, as well as the Port Moller Bight, Three Hills, and Ilnik sections will open to commercial salmon fishing at 6:00 a.m. Wednesday, August 7 until 6:00 a.m. Sunday, August 11.</p>

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Table 23.–Page 5 of 6.

Emergency Order #	Issued:	Effective:	Action Taken:
Port Moller- 22	8:00 p.m. August 10	6:00 a.m. August 11	<p>Fishing Closure: The commercial salmon fishing season in that portion of the Bear River Section located from the southern 1,000 yard regulatory marker at King Salmon River to Cape Kutuzof at 160° 19.64' W. long. will remain closed to commercial salmon fishing until further notice as per previous news release.</p> <p>Fishing Period: The remaining portion of the Bear River Section, as well as the Port Moller Bight, Three Hills, and Ilnik sections will remain open to commercial salmon fishing from 6:00 a.m. Sunday, August 11 until 6:00 a.m. Sunday, August 18.</p>
Port Moller- 23	9:00 a.m. August 12	9:00 a.m. August 12	Fishing Period: The Cinder River Section will open to commercial salmon fishing from 9:00 a.m. Monday, August 12 until 6:00 p.m. Saturday, August 17.
Sand Point- 33	9:30 a.m. August 12	6:00 a.m. August 12	Fishing Period: Commercial salmon fishing in the Izembek - Moffet Bay Section of the Northwestern District will be restricted to approximately 42 hours, from 6:00 a.m. Monday, August 12 until 11:59 p.m. Tuesday, August 13, 2013. The Bechevin Bay Section of the Northwestern District will open to commercial salmon fishing for 39 hours, from 6:00 a.m. Tuesday, August 13 until 9:00 p.m. Wednesday, August 14.
Port Moller- 24	8:00 p.m. August 12	8:00 a.m. August 13	Fishing Period: That portion of the Bear River Section that has been closed to commercial salmon fishing located from the southern 1,000 yard regulatory marker at King Salmon River to Cape Kutuzof at 160° 19.64' W. long. will open to commercial salmon fishing at 8:00 a.m. Tuesday, August 13 until further notice. The closed waters at Bear River will be set at 1,000 yards from the stream terminus effective at 8:00 a.m. Tuesday, August 13 until further notice. All other regulatory markers are as described in regulation.
Port Moller- 25	9:15a.m. August 17	6:00 a.m. August 18	Fishing Period: The Port Moller Bight, Bear River, and Three Hills sections will remain open to commercial salmon fishing from 6:00 a.m. Sunday, August 18 until further notice. As per previous news release the closed waters at the Bear River will remain set at 1,000 yards from the stream terminus. The Ilnik Section will remain open to commercial salmon fishing from 6:00 a.m. Sunday, August 18 until 6:00 p.m. Thursday, August 22.

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Table 23.–Page 6 of 6.

Emergency Order #	Issued:	Effective:	Action Taken:
Sand Point- 35	10:30 a.m. August 18	10:30 a.m. August 18	Closure: Commercial salmon fishing in the Northwestern District will be closed until further notice.
Port Moller- 26	12:00 p.m. August 18	6:00 a.m. August 19	Fishing Period: That portion of the Black Hills Section west of 162° 22.00' W. long. will close to commercial salmon fishing from 6:00 a.m. Monday, August 19 until further notice. The remaining portion of the Black Hills Section will open to commercial salmon fishing from 6:00 a.m. Monday, August 19 until 6:00 p.m. Thursday, August 22.
Port Moller- 27	9:00 a.m. August 21	12:00 a.m. August 21	Fishing Period: The Nelson Lagoon Section will remain open to commercial salmon fishing from midnight Wednesday, August 21 until 11:59 p.m. Friday, August 23. Fishing Period: The Inik Section will remain open to commercial salmon fishing from 6:00 p.m. Thursday, August 22 until 6:00 p.m. Friday, August 23.
Port Moller- 28	9:00 a.m. August 23	12:00 a.m. August 23	Fishing Period: The Nelson Lagoon Section will remain open to commercial salmon fishing from midnight Friday, August 23 until 11:59 p.m. Saturday, August 24.
Port Moller- 29	9:00 a.m. August 28	12:00 a.m. August 28	Fishing Period: The Nelson Lagoon Section will remain open to commercial salmon fishing from midnight Wednesday, August 28 until 11:59 p.m. Saturday, August 31. Fishing Period: The Inik Section will remain open to commercial salmon fishing from 6:00 p.m. Wednesday, August 28 until 6:00 p.m. Saturday, August 31.
Port Moller- 30	9:00 a.m. September 4	12:00 a.m. September 4	Fishing Period: The Nelson Lagoon Section will open to commercial salmon fishing from midnight Wednesday, September 4 until midnight Wednesday, September 11.

Table 24.–Nelson Lagoon Section salmon harvest by species and day, 2013.

Catch Date ^a	Permits	Landings	Number of Fish				
			Chinook	Sockeye	Coho	Pink	Chum
Prior to 10-Jun	0	0	0	0	0	0	0
10-Jun	17	18	17	4,262	0	0	0
11-Jun	14	14	15	3,285	0	0	0
12-Jun	13	13	13	3,167	0	0	0
13 Jun–16 Jun ^b							
17-Jun	18	18	70	8,357	0	0	0
18-Jun	19	19	43	4,920	0	0	0
19-Jun	18	18	37	5,747	0	0	0
20-Jun	18	19	30	5,695	0	0	0
21-Jun	12	12	11	4,220	0	0	0
22 Jun–23 Jun ^b							
24-Jun	27	28	23	13,934	0	0	0
25-Jun	26	26	9	16,225	0	0	0
26-Jun	26	26	14	11,019	0	0	0
27-Jun	27	28	19	17,250	0	0	0
28-Jun	22	22	15	11,820	0	0	0
29-Jun	21	21	1	6,485	0	0	0
30-Jun	15	15	3	4,904	0	0	0
1-Jul	19	19	7	5,289	0	0	0
2-Jul	21	21	2	6,740	0	0	0
3-Jul	24	25	2	9,925	0	0	0
4-Jul	26	29	2	13,114	0	0	31
5-Jul	24	24	2	7,929	0	0	0
6-Jul	23	23	0	5,481	0	0	9
7-Jul	20	20	0	3,462	0	0	27
8-Jul	19	19	6	4,153	0	0	21
9-Jul	17	18	1	2,684	0	0	0
10-Jul	21	21	1	4,444	0	0	71
11-Jul	22	22	1	3,935	0	0	170
12-Jul	18	19	0	2,551	0	0	188
13 Jul–14 Jul ^b							
15-Jul	21	21	0	1,557	2	0	237
16-Jul	20	21	0	2,597	0	0	406
17-Jul	19	20	0	2,000	0	3	348
18-Jul	11	11	0	1,105	0	0	86
19-Jul	15	16	0	1,711	4	0	395
20 Jul–21 Jul ^b							
21-Jul							
22-Jul	17	17	0	2,750	14	2	873

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Table 24.–Page 2 of 2.

Catch Date ^a	Permits	Landings	Number of Fish				
			Chinook	Sockeye	Coho	Pink	Chum
23-Jul	16	16	0	1,499	6	0	545
24-Jul	15	15	0	1,336	13	0	445
25-Jul	15	15	0	1,280	1	0	361
26-Jul	11	11	0	647	15	0	205
27 Jul–28 Jul ^b							
29-Jul	14	14	0	884	32	4	282
30-Jul	12	14	0	996	36	0	310
31-Jul	8	8	0	540	39	0	145
1-Aug	12	12	0	1,244	53	0	512
2-Aug	13	13	0	1,028	113	0	591
3 Aug–4 Aug ^b							
5-Aug	14	14	0	1,826	374	0	574
6-Aug	9	9	0	741	181	0	97
7-Aug	8	8	0	178	56	0	36
8-Aug	6	6	0	327	93	0	18
9 Aug–11 Aug ^b							
12-Aug	11	11	0	469	457	0	62
13-Aug	3	3	0	20	136	1	17
14-Aug	12	12	0	244	597	0	50
15-Aug	10	10	0	324	551	0	34
16 Aug–18 Aug ^b							
19-Aug	12	12	0	138	1,213	0	17
20-Aug	14	14	1	231	1,777	0	18
21-Aug	14	14	0	146	1,771	0	11
22-Aug	12	12	1	88	1,362	0	10
23-Aug	9	9	0	37	610	0	2
24-Aug	10	11	0	133	1,432	0	2
25- Aug ^b							
26-Aug	15	16	0	47	1,027	0	0
27-Aug	14	14	0	119	1,937	3	4
28-Aug	15	15	0	17	1,347	0	0
29-Aug	0	0	0	0	0	0	0
30-Aug	15	15	0	29	1,209	0	0
31-Aug	13	14	0	23	1,971	0	0
1-Sep ^b							
2-Sep	7	7	0	2	390	0	0
3-Sep	9	9	0	4	903	0	0
4-Sep	9	9	0	7	723	0	0
5-Sep	8	8	0	5	866	0	0
6-Sep	9	9	0	1	423	0	0
Post 6-Sep	0	0	0	0	0	0	0
Total	34	1,042	346	217,327	21,734	13	7,210

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

^a By regulation, the Nelson Lagoon Section may open to commercial salmon fishing on May 1.

^b Fishery closed.

Table 25.—Bear River Section salmon harvest by species and day, 2013.

Catch Date ^a	Permits	Landings	Number of Fish				
			Chinook	Sockeye	Coho	Pink	Chum
Prior to 10-June	0	0	0	0	0	0	0
10-Jun ^b							
11-Jun ^b							
12 Jun–24 Jun ^c							
25-Jun	4	4	3	4,674	0	0	0
26-Jun	11	11	8	11,444	0	0	139
27-Jun	10	10	10	10,645	0	0	83
28 Jun–6 Aug ^c							
7-Aug	0	0	0	0	0	0	0
8-Aug	17	19	0	6,162	51	89	163
9-Aug	14	14	0	4,106	38	35	146
10-Aug	23	26		5,875	174	174	260
11-Aug	17	17	0	3,842	124	121	156
12-Aug	18	18	0	2,776	79	95	78
13-Aug	39	39	0	3,428	197	39	101
14-Aug	16	17	0	1,604	194	50	49
15-Aug	9	9	0	1,355	34	36	56
16-Aug	13	18	0	1,832	86	92	46
17-Aug	8	12	0	1,567	67	0	28
18-Aug	0	0	0	0	0	0	0
19-Aug	12	12	1	4,035	84	1	36
20-Aug	19	24	0	5,794	134	0	44
21-Aug	19	25	1	4,013	213	2	23
22-Aug	18	18	0	3,037	128	0	24
23-Aug	19	19	0	4,888	98	3	26
24-Aug	24	32	0	5,973	236	39	37
25-Aug	7	7	0	892	54	0	11
26-Aug	14	14	1	1,632	35	4	7
27-Aug	18	20	0	1,567	121	8	5
28-Aug	7	7	0	583	53	0	6
29-Aug	0	0	0	0	0	0	0
30-Aug	6	6	0	141	9	0	1
31-Aug ^b							
1-Sep	0	0	0	0	0	0	0
2-Sep ^b							
3-Sep ^b							
4-Sep	0	0	0	0	0	0	0
5-Sep ^b							
Post 5-Sep	0	0	0	0	0	0	0
Total ^d	61	412	55	94,335	2,298	788	1,527

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

^a By regulation, the Bear River section may open to commercial salmon fishing on May 1.

^b Confidentiality requirements prohibit the release of this information.

^c Fishery closed.

^d Total includes information not provided due to confidentiality requirements.

Table 26.—North Alaska Peninsula salmon test fish catches, 2001–2013.

Year	Number of Salmon					Total
	Chinook	Sockeye	Coho	Pink	Chum	
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
2009	6	4,027	7	29	54	4,123
2010	0	2,294	2	19	58	2,373
2011	1	2,434	21	33	67	2,556
2012	0	0	0	0	0	0
2013	0	2,035	28	34	116	2,213
2003–2012 Average	3	2,685	14	30	69	2,800

Note: A test fishery did not occur in 2012.

Table 27.—Three Hills Section salmon harvest by species and day, 2013.

Catch Date ^a	Permits	Landings	Number of Fish					
			Chinook	Sockeye	Coho	Pink	Chum	
25-Jun ^b								
26 Jun-7 Aug ^c								
8-Aug	7	7	0	1,415	156	30	50	
9-Aug	9	11	0	1,923	85	116	54	
10-Aug	7	7	0	1,401	34	69	43	
11-Aug	13	13	0	2,925	261	87	76	
12-Aug	9	9	1	1,596	102	79	31	
13-Aug	5	5	0	526	26	13	8	
14-Aug	11	11	0	1,674	119	45	15	
15-Aug	11	11	0	1,237	105	48	9	
16-Aug	11	15	0	3,282	227	16	20	
17-Aug ^b								
18 Aug-27 Aug	0	0	0	0	0	0	0	
28-Aug ^b								
Post 28-Aug	0	0	0	0	0	0	0	
Total ^d	27	94	1	16,983	1,162	503	322	

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

^a By regulation, the Three Hills Section may open to commercial salmon fishing on June 25.

^b Confidentiality requirements prohibit the release of this information.

^c Fishery closed.

^d Total includes information not provided due to confidentiality requirements.

Table 28.—Ilnik Section salmon harvest by species and day, 2013.

Catch Date	Permits	Landings	Number of Fish				
			Chinook	Sockeye	Coho	Pink	Chum
Prior to 20-Jun ^a	0	0	0	0	0	0	0
20 Jun–27 Jun ^b							
28-Jun	56	56	22	14,410	0	1	362
29-Jun	84	110	44	35,819	0	0	781
30-Jun	48	48	8	13,200	0	0	312
1 Jul–6 Aug ^b							
7-Aug ^c	0	0	0	0	0	0	0
8-Aug	15	15	0	2,373	146	63	49
9-Aug	17	17	0	3,640	308	202	43
10-Aug	17	17	0	3,397	367	35	48
11-Aug	12	12	0	2,727	351	88	54
12-Aug	14	14	0	2,057	170	58	32
13-Aug	8	8	0	386	40	5	6
14-Aug	5	5	0	273	36	0	5
15-Aug	6	6	0	678	54	0	14
16-Aug	8	10	0	1,710	149	0	16
17-Aug ^c							
Post 17-Aug	0	0	0	0	0	0	0
Total ^d	95	320	74	81,289	1,674	452	1,731

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

^a Prior to June 20, commercial fishing can occur in Ilnik Lagoon. No harvest occurred in Ilnik Lagoon in 2013.

^b Fishery closed.

^c Confidentiality requirements prohibit the release of this information.

^d Total includes information not included due to confidentiality requirements.

Table 29.—Outer Port Heiden Section salmon harvest by species and day, 2013.

Catch Date ^a	Permits	Landings	Number of Fish					
			Chinook	Sockeye	Coho	Pink	Chum	
Prior to 24-Jun ^b								
25-Jun	13	13	14	25,942	0	0	179	
26-Jun	16	24	1	30,667	0	0	233	
27-Jun	26	47	8	49,170	0	0	441	
28 Jun-2 Jul ^b								
3-Jul	75	76	3	21,567	0	0	2,055	
4-Jul	76	103	9	71,466	0	1	2,709	
5-Jul	60	66	4	19,763	0	0	1,340	
6 Jul-7 Jul ^b								
8-Jul	36	37	1	9,248	2	0	1,030	
9-Jul	36	40	2	14,329	8	0	1,560	
10-Jul	41	42	4	9,385	0	0	1,627	
11 Jul-14 Jul ^b								
15-Jul	7	7	1	1,787	13	37	324	
16-Jul	3	3	3	775	11	39	184	
17-Jul	3	3	0	818	6	0	168	
Post 17-Jul	0	0	0	0	0	0	0	
Total	86	461	50	254,916	40	77	11,850	

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

^a By regulation, the commercial salmon fishing season in the Outer Port Heiden Section is June 20 through September 30.

^b Fishery closed.

Table 30.—Alaska Peninsula (Area M) and Bristol Bay (Area T) overlap area commercial salmon catch, in number of fish by gear and permit, 1975–2013.

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								26	233	6,947	315	17,581	0	202
1979 ^a								21	211	4,493	340	13,203	0	5
1980 ^a								25	269	4,073	932	24,846	1	16
1981 ^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								24	162	1,141	1,366	17,341	0	32
1987 ^a								38	383	2,691	863	33,019	67	460
1988 ^a								46	407	4,936	3,155	40,956	6	2,857
1989 ^a								52	309	2,359	1,256	37,688	5	457
1990 ^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								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
2001	0	0	0	0	0	0	0	4	7	0	0	664	0	9
2002 ^a														

-continued-

Table 30.—Page 2 of 3.

Drift Gillnet (continued)														
Year	Area M							Area T						
	Permits	Landings	Chinook	Sockeye	Coho	Pink	Chum	Permits	Landings	Chinook	Sockeye	Coho	Pink	Chum
2003	0	0	0	0	0	0	0	4	4	0	0	2,072	0	0
2004 ^a	0	0	0	0	0	0	0							
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
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013 ^a								0	0	0	0	0	0	0

Set Gillnet														
Year	Area M							Area T						
	Permits	Landings	Chinook	Sockeye	Coho	Pink	Chum	Permits	Landings	Chinook	Sockeye	Coho	Pink	Chum
1975 ^a	5	37	186	643	716	0	17							
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								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

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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								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								7	51	0	71	6,341	2	1
1999 ^a														
2000 ^a								3	6	0	0	787	3	0
2001 ^a														
2002 ^a								0	0	0	0	0	0	0
2003 ^a								0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005 ^a														
2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007 ^a								0	0	0	0	0	0	0
2008 ^a								0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0							
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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

^a Confidentiality requirements prohibit releasing this information.

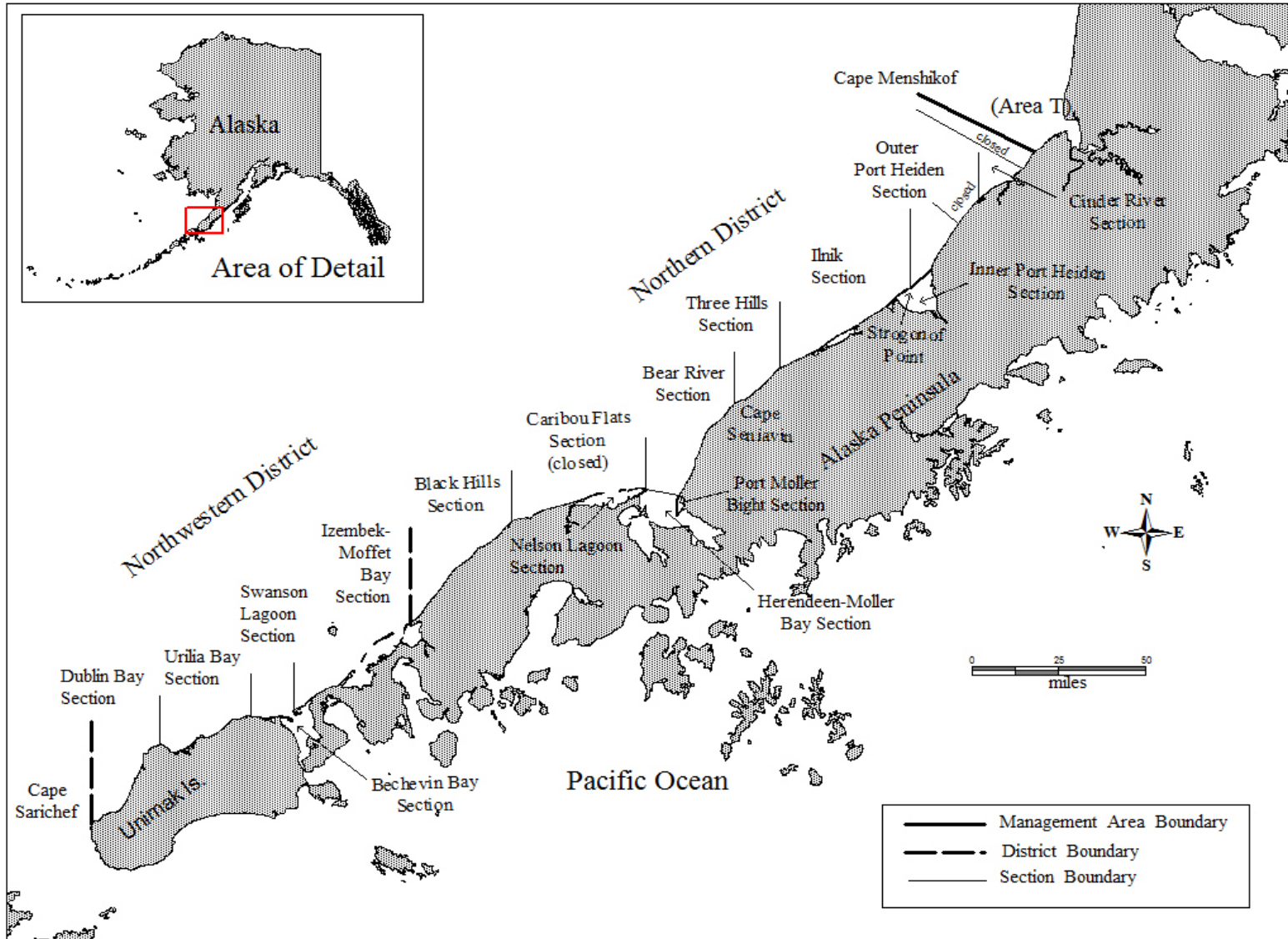


Figure 1.—Map of Alaska Peninsula with North Peninsula commercial salmon fishing districts.

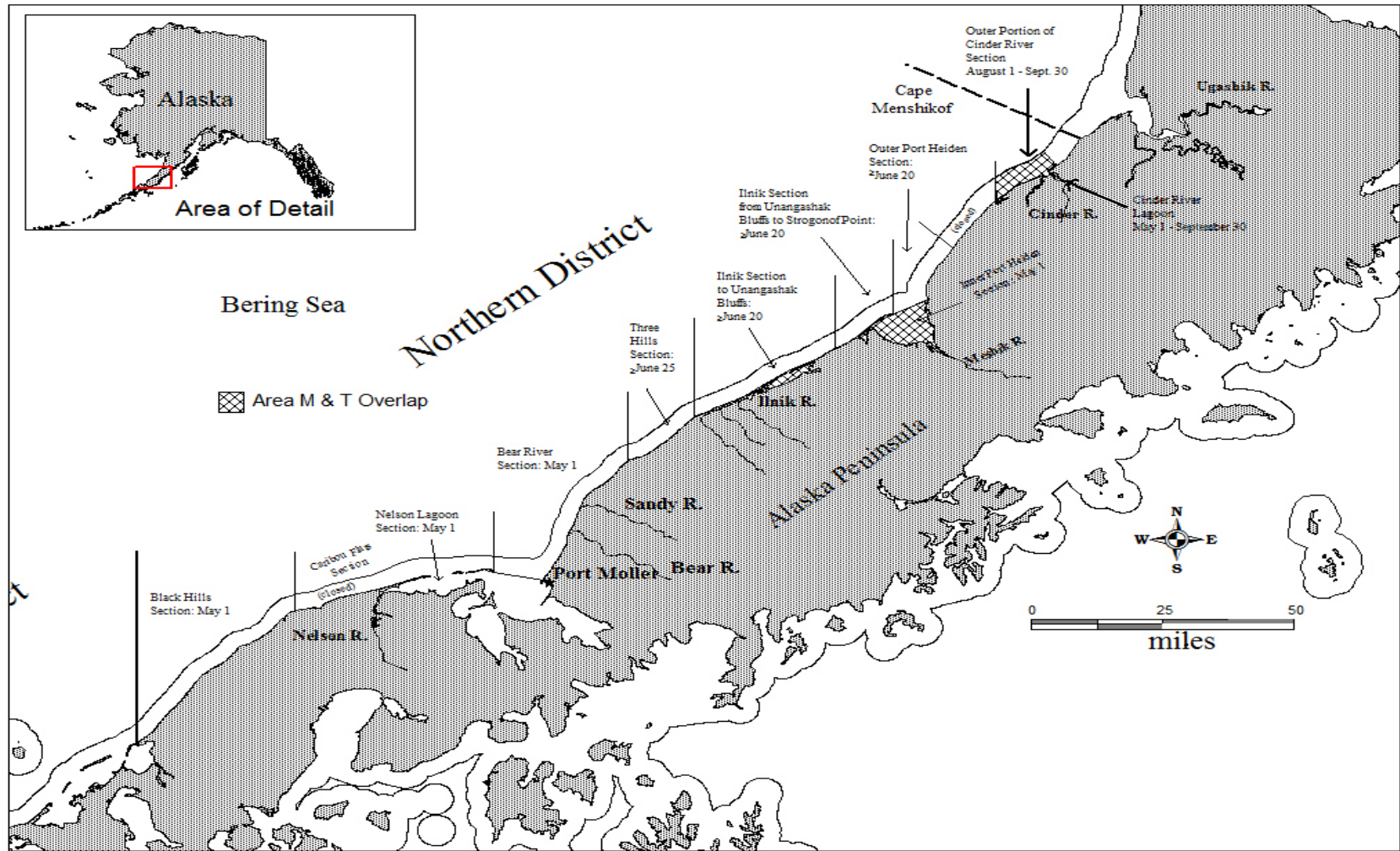


Figure 2.—North Alaska Peninsula from Nelson Lagoon to Cape Menshikof, with selected commercial salmon fishing sections, season opening dates, and major sockeye salmon systems.

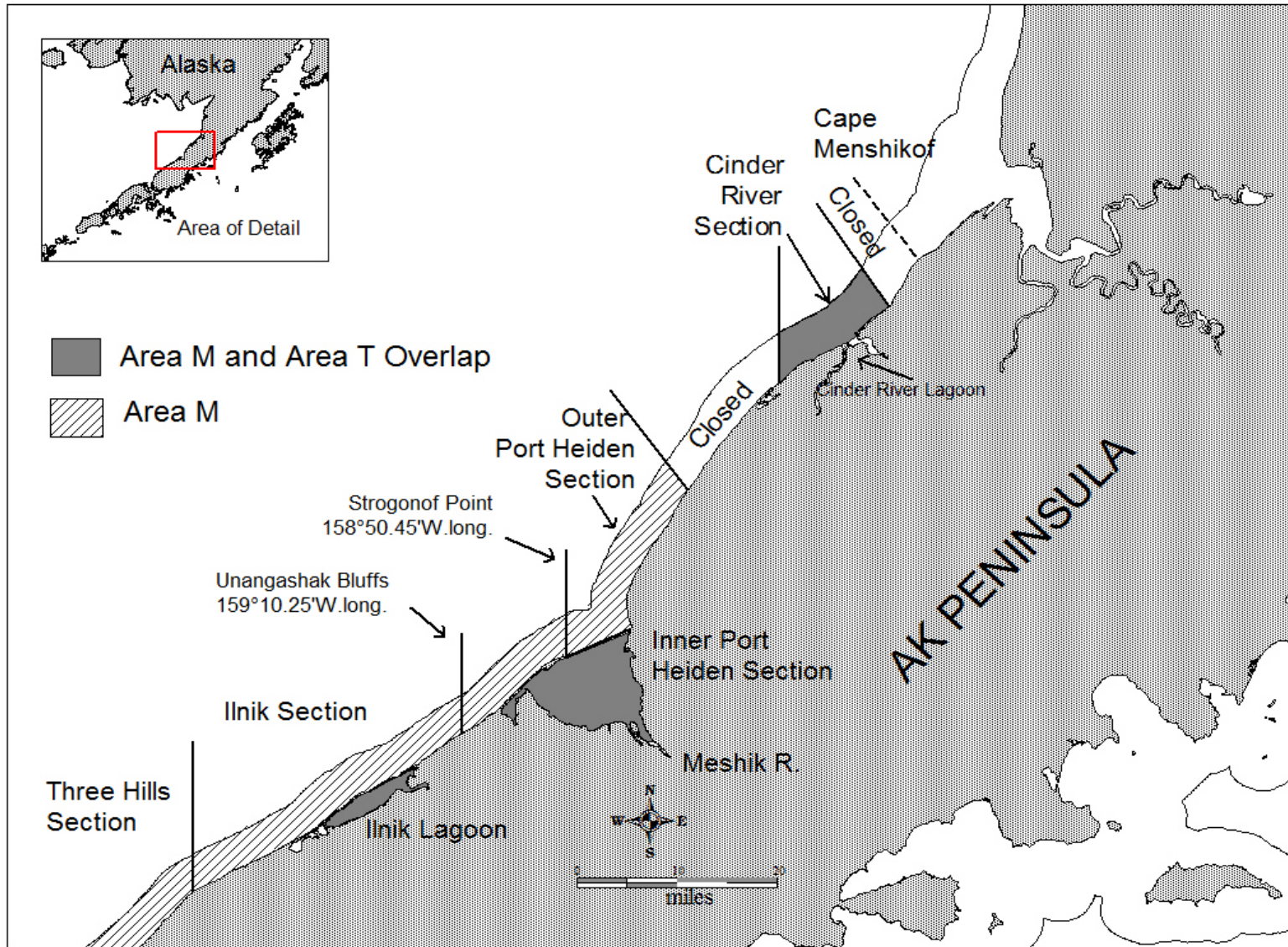


Figure 3.—Alaska Peninsula (Area M) and Bristol Bay (Area T) commercial salmon fishing overlap areas.

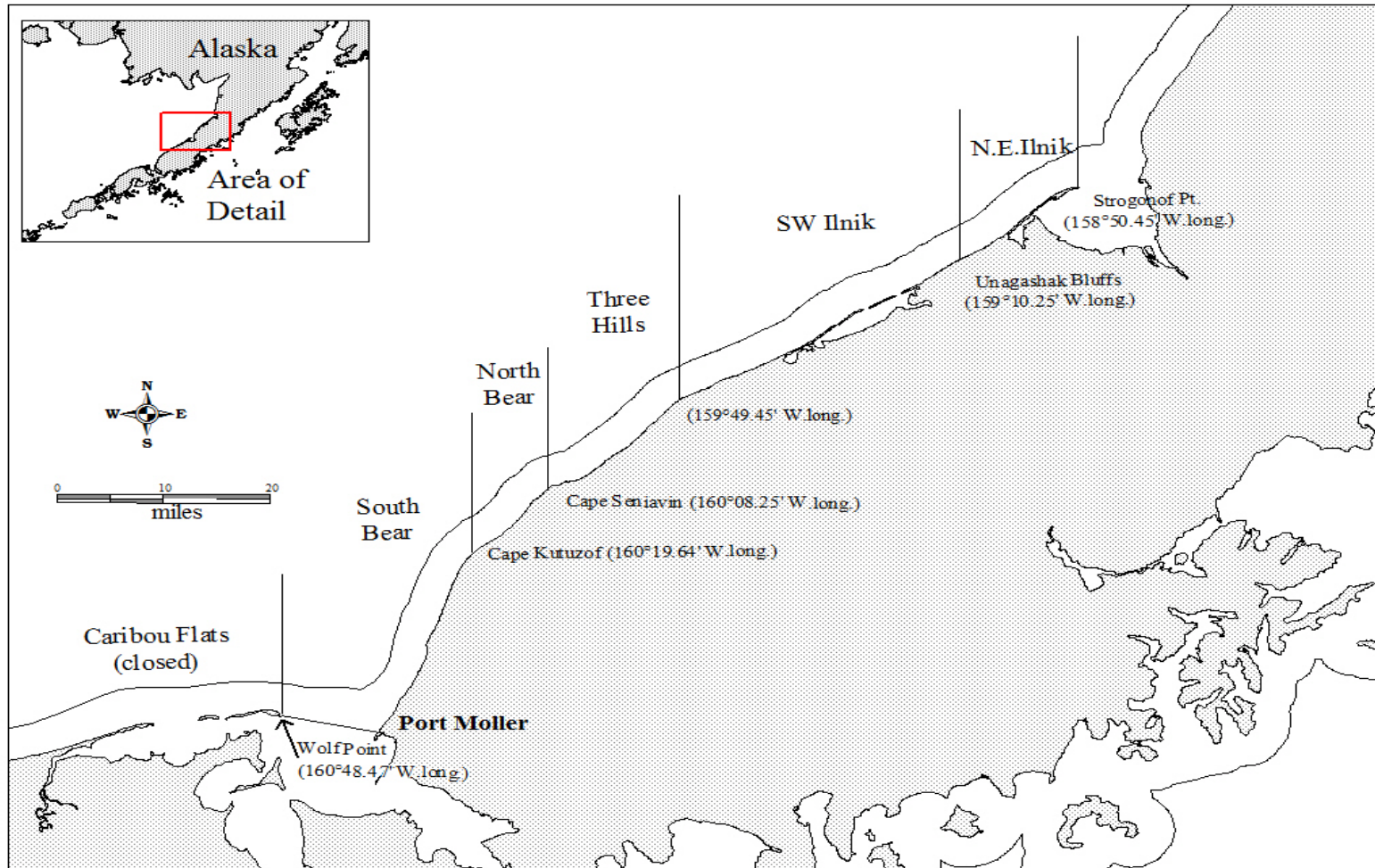


Figure 4. Map of the five fishing sections with moving closed water restrictions from the 3 mile boundary line shoreward to 1.5 miles from June 20–July 31.

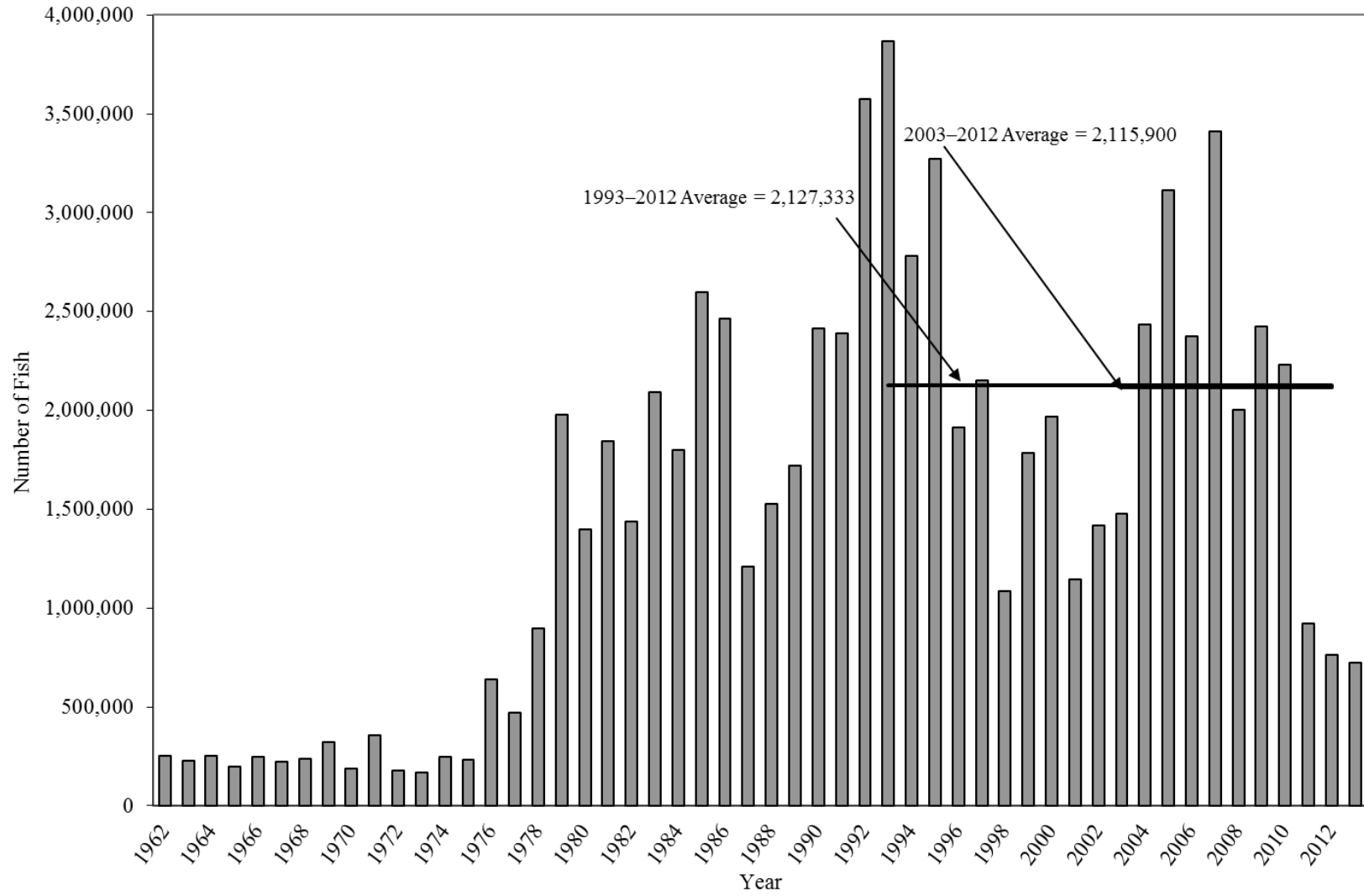


Figure 5.—North Alaska Peninsula commercial sockeye salmon harvest, 1962–2013.

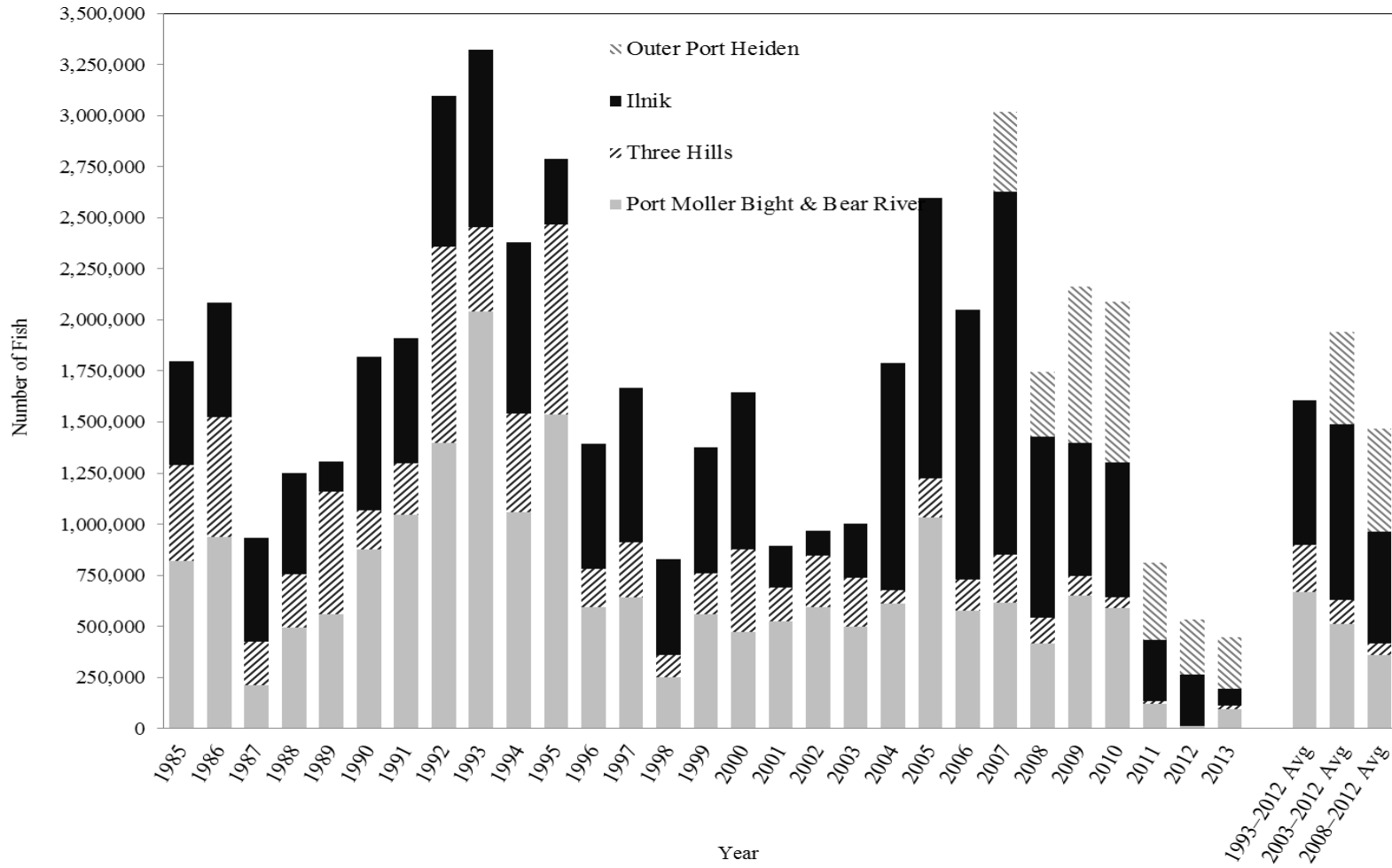


Figure 6.—Port Moller Bight, Bear River, Three Hills, Ilnik and Outer Port Heiden sections commercial sockeye salmon harvest, 1985–2013.

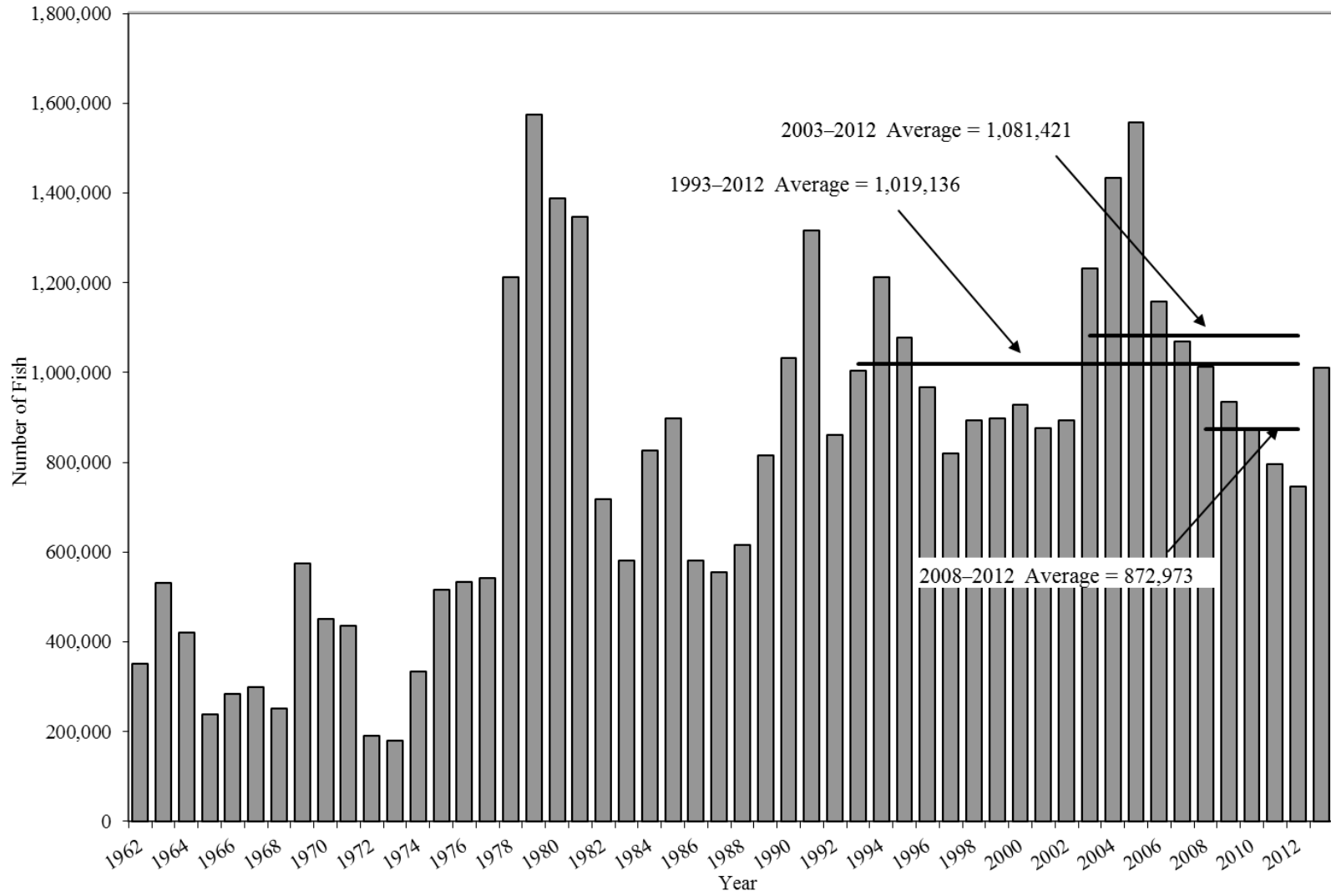


Figure 7.—North Alaska Peninsula sockeye salmon escapement, 1962–2013.

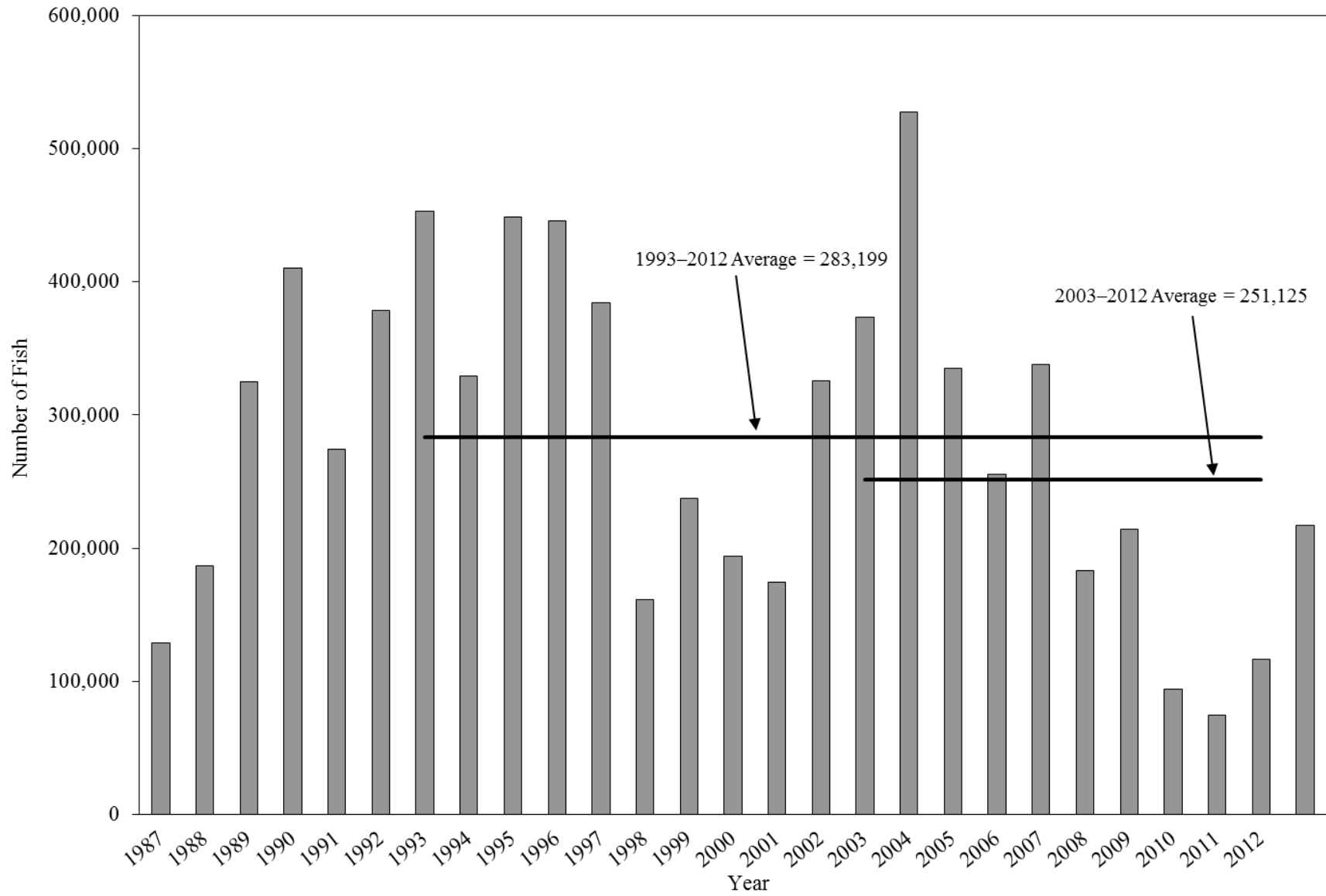


Figure 8.—Nelson Lagoon commercial sockeye salmon harvest, 1987–2013.

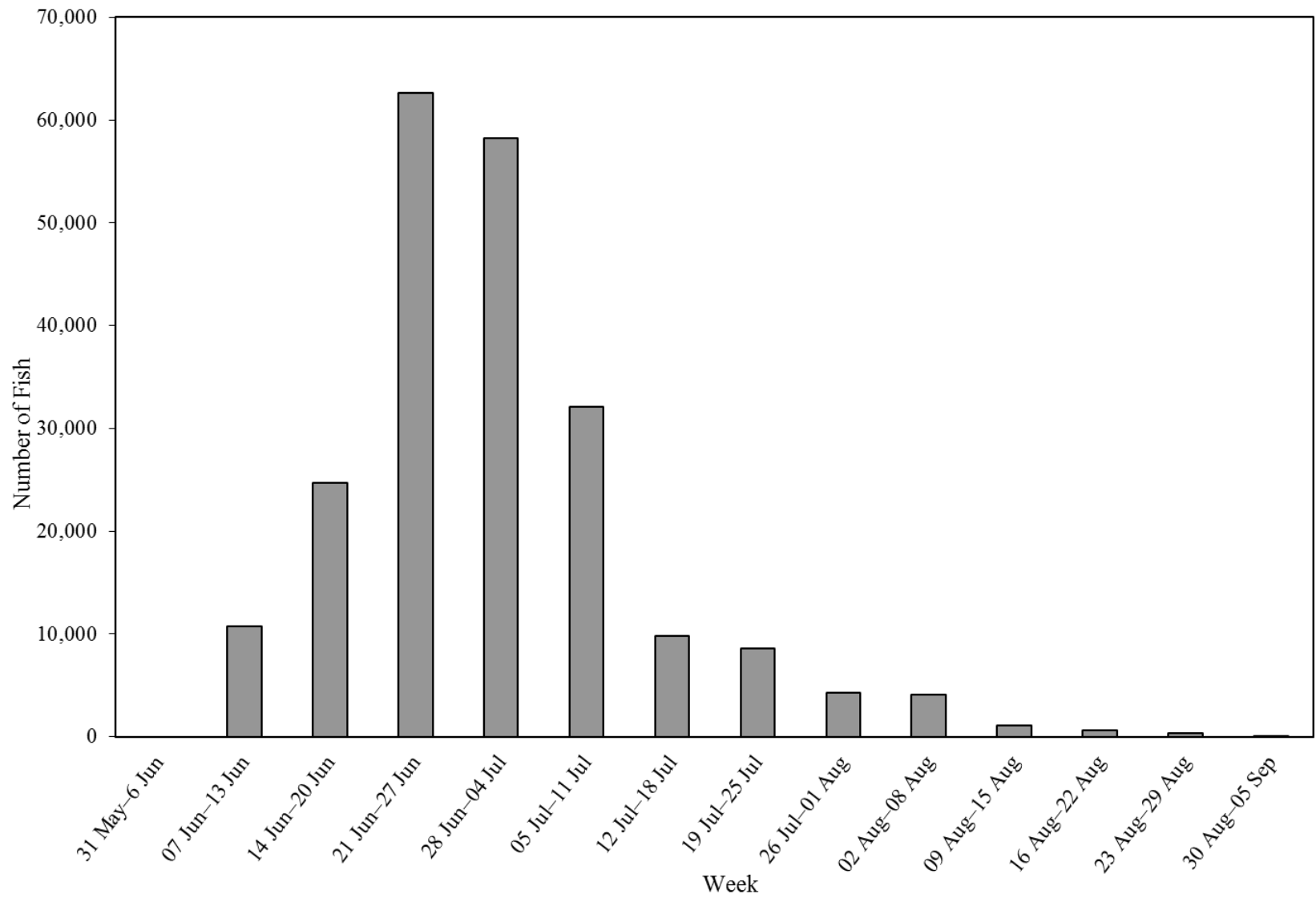


Figure 9.—Nelson Lagoon commercial sockeye salmon harvest by week, 2013.

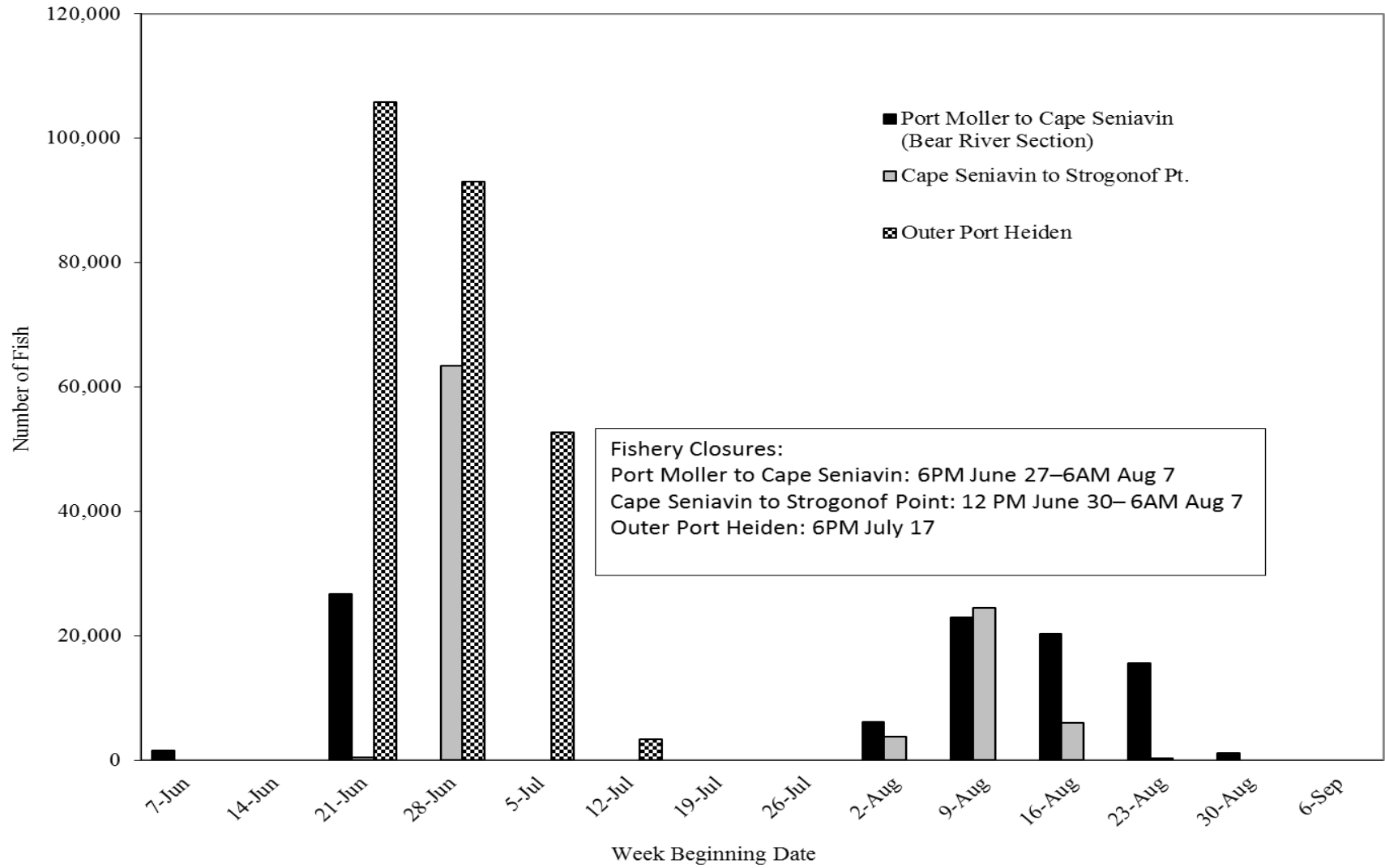


Figure 10.–Port Moller to Cape Seniavin, Cape Seniavin to Strogonof Point, and Outer Port Heiden sockeye salmon catch by week, 2013.



Figure 11.—Number of permits fished in the Ilnik, Three Hills, Bear River, and Outer Port Heiden sections, 1990–2013.

**APPENDIX A. NORTH ALASKA PENINSULA SALMON
ESCAPEMENT, 2013**

Appendix A1.–North Alaska Peninsula estimated total escapement for Chinook, sockeye, pink, and chum salmon, and peak escapement counts for coho salmon, 2013.

NORTHWESTERN DISTRICT		Number of salmon ^a				
Stream No.	Stream name	Chinook	Sockeye	Coho	Pink	Chum
URILIA BAY SECTION						
311-30.06	Divide Creek	0	0	0	0	0
311-30.07	Whaleback Mtn. Creek	0	0	0	0	0
311-30.08	Christianson Lagoon	0	16,500	0	0	0
	<i>Christianson Lagoon System total</i>	0	16,500	0	0	0
311-30.09	Mudhole	0	7,000	0	0	2,000
311-30.10	Clear Lagoon	0	0	0	0	1,500
	<i>Peterson Lagoon System total</i>	0	7,000	0	0	3,500
311-40.01	Emil's River	0	0	0	0	0
311-40.04	North Creek	0	0	0	0	0
311-40.07	Otter Point Creek	0	0	0	0	0
	Total Uria Bay Section	0	23,500	0	0	3,500
SWANSON LAGOON SECTION						
311-50.01	Big River	0	0	0	0	0
311-50.02	Swanson Lagoon System	0	3,000	0	0	0
	Total Swanson Lagoon Section	0	3,000	0	0	0
BECHEVIN BAY SECTION						
311-60.01	St. Catherine Cove	0	0	0	0	37,400
311-60.06	Anderson's Creek	0	0	0	2,000	0
311-60.07 & .08	Trader's Cove	0	0	0	1,200	800
311-60.12	Warm Springs Bay	0	0	0	600	0
311-60.13	Hungry's Creek	0	0	0	0	0
311-60.18	Lampport Lagoon	0	0	0	0	0
	Total Bechevin Bay Section	0	0	0	3,800	38,200
IZEMBEK-MOFFET BAY SECTION						
312-20.01	Norma Bay Lakes	0	0	0	0	0
312-20.02	Mike's Duck Camp Creek	0	0	0	2,000	3,700
312-20.03	Norma Bay, South	0	100	0	500	5,800
312-20.04	Third Bridge Creek	0	0	0	0	600
312-20.05	Frosty Creek	0	300	0	0	5,500
312-20.06	Blue Bill Lake	0	0	0	0	0
312-20.13	Outer Marker Lakes	0	0	0	0	0
312-20.51	Springs S Frosty Creek	0	0	0	800	0
312-20.52	Second Bridge Creek	0	0	0	0	0
	<i>Izembek Lagoon total</i>	0	400	0	3,300	15,600
312-40.01	Joshua Green River	0	8,200	0	0	32,300
312-40.02	Moffet Springs Creek	0	500	0	0	3,200
312-40.03	Moffet Creek	0	7,100	0	0	0
312-40.04	Unnamed	0	0	0	0	0
312-40.05	Unnamed	0	0	0	0	0
	<i>Moffet Bay total</i>	0	15,800	0	0	35,500
	Total Izembek-Moffet Bay Section	0	16,200	0	3,300	51,100
	NORTHWESTERN DISTRICT TOTAL	0	42,700	0	7,100	92,800

-continued-

NORTHERN DISTRICT						
Stream No.	Stream name	Number of salmon ^a				
		Chinook	Sockeye	Coho	Pink	Chum
BLACK HILLS SECTION						
313-10.02	North Creek	550	8,500	1,500	0	10,000
313-10.05	Cathedral River	0	0	0	0	0
313-10.06	Russian(Trader Mtn.) River	0	0	0	0	0
313-10.09	AMOCO Airstrip Creek	0	0	50	0	4,400
313-10.11	Black Hills Creek	175	0	4,000	0	2,200
313-10.14	Steelhead Creek	200	800	1,200	0	4,400
313-10.15	Mainshak Creek	0	0	0	0	20
Total Black Hills Section		925	9,300	6,750	0	21,020
NELSON LAGOON SECTION						
313-30.01 &04	David's R.	0	6,000	0	0	4,000
313-30.02	Caribou River		9,000	0	0	6,000
313-30.03	Nelson (Sapsuk) River	1,221	248,000	22,000	68	1,136
Total Nelson Lagoon Section		1,221	263,000	22,000	68	11,136
HERENDEEN-MOLLER BAY SECTION						
314-20.02	Buck Valley	0	0	0	0	0
314-20.03	Doe Valley	0	0	0	0	0
314-20.04	Deer Valley	0	0	0	0	5,500
314-20.05	Portage Valley	0	0	50	0	8,000
314-20.06	Grass Valley	0	800	0	0	6,100
314-20.07	Lawrence Valley	0	0	400	0	14,500
314-20.08	Mine Harbor	0	0	0	0	0
314-20.09	Coal Creek	0	0	0	0	3,000
Herendeen Bay total		0	800	450	0	37,100
314-30.04	Mud Bay, west creek	0	0	0	0	2,000
314-30.05	Mud Bay, east creek	0	1,700	50	0	0
314-30.07	Right Head Bay, south creek	0	0	0	0	0
314-30.09	Right Head Bay, north creek	0	0	1,200	0	4,500
314-30.10	Left Head Creek	0	0	7,200	0	0
Moller Bay total		0	1,700	8,450	0	6,500
Total Herendeen-Moller Bay Section		0	2,500	8,900	0	43,600
BEAR RIVER SECTION						
315-10.01	Frank's Lagoon	0	0	500	0	4,000
315-10.02	King Salmon River	600	0	600	0	2,800
315-11.02	Bear River	18	416,000	4,000	918	252
315-12.01	Sandy River	107	42,000	0	49	43
Total Bear River Section		725	458,000	5,100	967	7,095
THREE HILLS SECTION						
316-10.01	Lime Creek	0	0	100	0	0
316-10.02	Mid Three Hills	0	300	50	0	600
316-10.04	SW Three Hills	0	2,500	50	0	1,200
Total Three Hills Section		0	2,800	200	0	1,800

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NORTHERN DISTRICT (continued)		Number of salmon ^a				
Stream No.	Stream name	Chinook	Sockeye	Coho	Pink	Chum
ILNIK SECTION						
316-10.05	Ocean River/Wildman Lake	0	20,000	4,000	0	0
316-10.06	Willie Creek	0	4,000	0	0	0
316-20.01	Ilnik River	0	27,000	13,000	48	0
316-20.04	Unangashak River	0	0	3,000	0	0
316-20.05	East of Unangashak River	0	0	0	0	0
316-20.06	North of Unangashak River	0	0	0	0	0
Total Ilnik Section		0	51,000	20,000	48	0
INNER PORT HEIDEN SECTION						
317-20.01	Unnamed, Port Heiden Area	0	0	0	0	0
317-20.02	Charles Creek	40	0	0	0	1,600
West Port Heiden Bay total		40	0	0	0	1,600
317-20.06	Highland Creek	0	400	0	0	0
317-20.04A & B	Red & Yellow Bluff Creeks	175	20,000	0	0	4,000
317-20.07 A	Meshik River, mainstem	0	1,800	0	0	0
317-20.07 B	Braided Creek	20	3,600	0	0	800
317-20.07 C	Landlocked Creek	0	35,000	21,000	0	500
317-20.07 D	Bluff Creek	0	0	0	0	0
317-20.07 E	Blue Violet Creek	0	8,400	0	0	4,400
317-20.07 F	Wolf Creek	0	200	0	0	0
317-20.07 G	Meshik River, G Creek	0	0	0	0	0
317-20.07 H	Shoe Creek	0	2,000	0	0	3,000
317-20.07 J	Meshik River, J Creek	0	0	0	0	150
317-20.07 K	Meshik River, K Creek	100	9,000	0	0	2,200
317-20.07 L	Meshik River, L Creek	40	2,000	0	0	2,600
317-20.07 M	Meshik River, M Creek	0	0	0	0	0
317-20.07 N	Meshik River, N Creek	0	0	0	0	2,800
317-20.07 O	Plenty Bear Creek	0	0	0	0	1,600
317-20.07 O-A	Paddle Creek	0	0	0	0	4,200
317-20.07 P	Waterfall Creek	0	0	0	0	0
317-20.07 R	Rainbow Creek	0	1,700	0	0	2,600
317-20.07 T	Cub Creek	0	1,700	0	0	1,250
Meshik River total		375	85,800	21,000	0	30,100
317-20.08	Birthday Creek	0	300	125	0	0
317-20.09	Barabara Creek	0	0	0	0	400
Total Inner Port Heiden Section		375	86,100	21,125	0	32,100
OUTER PORT HEIDEN SECTION						
318-10.01	Reindeer Creek	0	0	0	0	2300
Total Outer Port Heiden Section		0	0	0	0	2,300

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Stream No.	Stream name	Number of salmon ^a				
		Chinook	Sockeye	Coho	Pink	Chum
NORTHERN DISTRICT (continued)						
CINDER RIVER SECTION						
318-20.01	SW of Mud Creek	0	0	0	0	0
318-20.04	Mud Creek	0	31,000	4,000	0	500
<i>SW of Cinder River total</i>		<i>0</i>	<i>31,000</i>	<i>4,000</i>	<i>0</i>	<i>500</i>
318-20.06 A	Cinder River, mainstem	500	21,000	12,000	0	6,000
318-20.06 B	Cinder River, B Creek	0	0	0	0	0
318-20.06 C	Cinder River, C Creek	0	0	0	0	1,200
318-20.06 D	Lava Creek	0	18,000	0	0	4,500
318-20.06 E	High Creek	0	3,000	0	0	0
318-20.06 H	Meloy Creek	0	8,000	0	0	300
318-20.06 J	Wiggly Creek	0	12,000	0	0	5,000
318-20.06 K	Ray Creek	600	2,000	0	0	400
318-20.06 L	Cinder River, L Creek	0	0	0	0	300
318-20.06 P	Cinder River, P Creek	0	0	0	0	0
<i>Cinder River total</i>		<i>1,100</i>	<i>64,000</i>	<i>12,000</i>	<i>0</i>	<i>17,700</i>
Total Cinder River Section		1,100	95,000	16,000	0	18,200
NORTHERN DISTRICT TOTAL		4,346	967,700	100,075	1,083	137,251
TOTAL NORTH PENINSULA		4,346	1,010,400	100,075	8,183	230,051

^a 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, 2013.

Stream	Species							Observer Remarks
	Date	Location	Visi- bility	Chinook	Sockeye	Coho	Pink	
Observer								
Christianson Lagoon, 311-3008								
2013-07-02	Stream	G	0	1,200	0	0	0	
Aaron Poetter	Mouth	F	0	0	0	0	0	
	Bay	P	0	0	0	0	0	
2013-07-08	Stream	F	0	1,000	0	0	0	
Nat Nichols, Aaron Poetter	Mouth	F	0	0	0	0	0	
	Bay	P	0	0	0	0	0	
2013-07-19	Stream	F	0	16,500	0	0	0	
Aaron Poetter	Mouth	P	0	0	0	0	0	
	Bay	P	0	0	0	0	0	
2013-08-12	Stream	-	0	4,600	0	0	0	Parial survey, gusty wind.
Aaron Poetter	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
Mud Hole, 311-3009								
2013-07-08	Stream	G	0	0	0	0	0	No fish observed.
Nat Nichols, Aaron Poetter	Mouth	F	0	0	0	0	0	
	Bay	P	0	0	0	0	0	
Mud Hole, 311-3009								
2013-07-19	Stream	F	0	700	0	0	0	
Aaron Poetter	Mouth	F	0	0	0	0	0	
	Bay	P	0	0	0	0	0	
Mud Hole, 311-3009								
2013-08-12	Stream	-	0	6,000	0	0	0	
Aaron Poetter	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
Clear Lagoon, 311-3010								
2013-08-12	Stream	-	0	0	0	0	1,500	
Aaron Poetter	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	

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Appendix A2.–Page 2 of 19.

Stream	Species							Observer Remarks
	Date	Location	Visi- bility	Chinook	Sockeye	Coho	Pink	
Observer								
Swanson Lagoon, 311-5002								
2013-07-02	Stream	F	0	0	0	0	0	No fish observed.
Aaron Poetter	Mouth	F	0	0	0	0	0	
	Bay	F	0	0	0	0	0	
2013-07-08	Stream	G	0	0	0	0	0	No fish observed.
Nat Nichols, Aaron Poetter	Mouth	F	0	0	0	0	0	
	Bay	P	0	0	0	0	0	
2013-07-19	Stream	G	0	3,000	0	0	0	
Aaron Poetter	Mouth	F	0	0	0	0	0	
	Bay	P	0	0	0	0	0	
Mike's Valley, 311-6001								
2013-07-02	Stream	E	0	0	0	0	3,200	
Aaron Poetter	Mouth	G	0	0	0	0	0	
	Bay	G	0	0	0	0	0	
2013-07-08	Stream	E	0	0	0	0	4,700	
Nat Nichols, Aaron Poetter	Mouth	G	0	0	0	0	0	
	Bay	G	0	0	0	0	0	
2013-07-19	Stream	E	0	0	0	0	23,200	
Aaron Poetter	Mouth	E	0	0	0	0	0	
	Bay	G	0	0	0	0	0	
2013-08-12	Stream	-	0	0	0	0	12,200	Partial survey, gusty wind.
Aaron Poetter	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
Anderson's Creek, 311-6006								
2013-08-14	Stream	G	0	0	0	2,000	0	
Aaron Poetter, Nat Nichols	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
Trader's Cove, 311-6008								
2013-08-14	Stream	G	0	0	0	1,200	800	Areas 311-6008 and 311-6007 observed.
Aaron Poetter, Nat Nichols	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	

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Appendix A2.–Page 3 of 19.

Stream	Species							Observer Remarks
	Date	Location	Visi- bility	Chinook	Sockeye	Coho	Pink	
Warmsprings Bay, 311-6012								
2013-08-14	Stream	G	0	0	0	250	0	
Aaron Poetter, Nat Nichols	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
2013-08-28	Stream	G	0	0	0	600	0	
Aaron Poetter, Nat Nichols	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
Mike's Duck Camp, 312-2002								
2013-08-14	Stream	G	0	3	0	2,000	3,900	
Aaron Poetter, Nat Nichols	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
2013-08-28	Stream	F	0	0	0	0	2,400	
Aaron Poetter, Nat Nichols	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
Alligator Hole, Ctr., 312-2003								
2013-08-14	Stream	G	0	100	0	500	2,500	
Aaron Poetter, Nat Nichols	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
2013-08-28	Stream	-	0	0	0	0	5,800	
Aaron Poetter, Nat Nichols	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
Alligator Hole, East, 312-2004								
2013-08-14	Stream	G	0	0	0	0	300	
Aaron Poetter, Nat Nichols	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
2013-08-28	Stream	-	0	0	0	0	600	
Aaron Poetter, Nat Nichols	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
Frosty Creek, 312-2005								
2013-08-14	Stream	G	0	300	0	0	5,500	
Aaron Poetter, Nat Nichols	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	

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Appendix A2.–Page 4 of 19.

Stream	Species							Observer Remarks
	Date	Location	Visi- bility	Chinook	Sockeye	Coho	Pink	
Observer								
Frosty Creek, 312-2005								
2013-08-28	Stream	F	0	0	0	0	0	4,400
Aaron Poetter, Nat Nichols	Mouth	-	0	0	0	0	0	0
	Bay	-	0	0	0	0	0	0
Springs S Frosty Crk, 312-2051								
2013-08-14	Stream	G	0	0	0	800	0	Areas 312-2051 and 312-2052 observed.
Aaron Poetter, Nat Nichols	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
Joshua Green River, 312-4001								
2013-07-08	Stream	F	0	0	0	0	0	No fish observed.
Nat Nichols, Aaron Poetter	Mouth	F	0	0	0	0	0	
	Bay	F	0	0	0	0	0	
2013-07-19	Stream	P	0	300	0	0	0	Very dirty water, survey cut short.
Aaron Poetter	Mouth	F	0	0	0	0	0	
	Bay	F	0	0	0	0	0	
2013-07-25	Stream	P	0	6,200	0	0	900	
Aaron Poetter	Mouth	P	0	0	0	0	0	
	Bay	P	0	0	0	0	0	
2013-08-07	Stream	P	0	1,500	0	0	7,800	
Nat Nichols	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
2013-08-12	Stream	-	0	8,200	0	0	8,000	
Aaron Poetter	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
2013-08-28	Stream	F	0	6,500	0	0	24,500	
Aaron Poetter, Nat Nichols	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
Moffet Springs Crk, 312-4002								
2013-08-12	Stream	-	0	500	0	0	2,000	
Aaron Poetter	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	

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Appendix A2.–Page 5 of 19.

Stream	Species							Observer Remarks	
	Date	Location	Visi- bility	Chinook	Sockeye	Coho	Pink		Chum
Moffet Springs Crk, 312-4002									
2013-08-28	Stream	F	0	400	0	0	0	3,200	
Aaron Poetter, Nat Nichols	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
Moffet Creek, 312-4003									
2013-08-12	Stream	-	0	7,100	0	0	0	0	
Aaron Poetter	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
North Creek, 313-1002									
2013-08-24	Stream	-	550	8,500	0	0	0	10,000	Stream distribution: D; 4,500 sockeye in upper small lake. B;
Bob Murphy	Mouth	-	0	0	0	0	0	0	4,000 sockeye, 6,000 chums, 300 kings. A; 1,800 chums in lower
	Bay	-	0	0	0	0	0	0	river. rest of A very murky. C: 250 kings. 2,200 chums.
2013-09-06	Stream	G	0	0	1,500	0	0	0	Stream Distribution: Stream A-1,200 coho. Stream B-300 coho.
Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
Cathedral River, 313-1005									
2013-08-24	Stream	-	0	0	0	0	0	0	Too murky to count.
Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
2013-09-06	Stream	P	0	0	0	0	0	0	Too murky to count.
Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
Trader Mtn Cr. (Russian R.), 313-1006									
2013-08-24	Stream	-	0	0	0	0	0	0	Too murky to count.
Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
2013-09-06	Stream	P	0	0	0	0	0	0	Too murky to count.
Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
Amoco Airstrip Creek, 313-1009									
2013-08-24	Stream	-	0	0	0	0	0	4,400	
Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	

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Appendix A2.–Page 6 of 19.

Stream	Species							Observer Remarks
	Date	Location	Visi- bility	Chinook	Sockeye	Coho	Pink	
Amoco Airstrip Creek, 313-1009								
2013-09-06	Stream	G	0	0	50	0	0	
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
Black Hills Creek, 313-1011								
2013-08-24	Stream	-	175	0	0	0	2,200	
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
2013-09-06	Stream	G	0	0	4,000	0	0	
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
Steelhead Creek, 313-1014								
2013-08-24	Stream	-	200	800	0	0	4,400	
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
2013-09-06	Stream	G	0	0	1,200	0	0	
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
Mainshak Creek, 313-1015								
2013-08-24	Stream	P	0	0	0	0	20	Very murky water.
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
David's River, 313-3001								
2013-08-24	Stream	-	0	5,000	0	0	4,000	Big Fish Lake very murky, zero fish counted.
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
Caribou River, 313-3002								
2013-08-24	Stream	-	0	9,000	0	0	6,000	All fish observed in clear water on spawning grounds.
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
Sapsuk River, Branches and Lake, 313-3003								
2013-06-13	Stream	G	0	10,000	0	0	0	
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	

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Appendix A2.–Page 7 of 19.

Stream Date Observer	Location	Visi- bility	Species					Observer Remarks
			Chinook	Sockeye	Coho	Pink	Chum	
Sapsuk River, Branches and Lake, 313-3003								
2013-07-03	Stream	-	200	4,000	0	0	0	Stream distribution: Most sockeye within 1/2 mile of weir. Few distributed in lower river.
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
2013-08-24	Stream	-	0	0	11,000	0	9,000	
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
2013-09-06	Stream	F	0	0	7,000	0	0	
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
2013-09-10	Stream	P	0	0	4,000	0	0	Water murky. Three boats with sport fishermen observed just above weir site. Water too muddy below weir to survey.
Dawn Wilburn	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
Drill Hole and Coast Lakes, 313-3004								
2013-08-24	Stream	-	0	1,000	0	0	0	Sockeye observed in lakes.
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
Buck Valley, 314-2002								
2013-08-19	Stream	-	0	0	0	0	0	No fish observed.
Dawn Wilburn, Bob Murph	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
2013-09-06	Stream	G	0	0	0	0	0	No fish observed.
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
Doe Valley, 314-2003								
2013-08-19	Stream	-	0	0	0	0	0	Too murky to count.
Dawn Wilburn, Bob Murph	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
2013-09-06	Stream	P	0	0	0	0	0	Too murky to count.
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	

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Appendix A2.-Page 8 of 19

Stream Date Observer	Location	Visi- bility	Species					Observer Remarks
			Chinook	Sockeye	Coho	Pink	Chum	
Deer Valley, 314-2004								
2013-07-19	Stream	-	0	0	0	0	4,000	
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
	2013-08-19	Stream	-	0	0	0	0	1,500
Dawn Wilburn, Bob Murph	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
	2013-09-06	Stream	P	0	0	0	0	0
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
Portage Creek, 314-2005								
2013-07-19	Stream	-	0	0	0	0	6,000	
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
	2013-08-19	Stream	-	0	0	0	0	800
Dawn Wilburn, Bob Murph	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
	2013-09-06	Stream	G	0	0	50	0	1,200
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
Grass Valley, 314-2006								
2013-08-19	Stream	-	0	800	0	0	6,000	800 sockeye in lake.
Dawn Wilburn, Bob Murph	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
2013-09-06	Stream	G	0	0	0	0	100	
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
Lawrence Valley, 314-2007								
2013-07-19	Stream	-	0	0	0	0	8,000	
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
	2013-08-19	Stream	-	0	0	0	0	6,500
Dawn Wilburn, Bob Murph	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	

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Appendix A2.–Page 9 of 19.

Stream	Species							Observer Remarks
	Date	Location	Visi- bility	Chinook	Sockeye	Coho	Pink	
Observer								
Lawrence Valley, 314-2007								
2013-09-06	Stream	G	0	0	400	0	0	
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
Mine Harbor, 314-2008								
2013-08-19	Stream	-	0	0	0	0	0	No fish observed.
Dawn Wilburn, Bob Murph	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
2013-09-06	Stream	G	0	0	0	0	0	No fish observed.
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
Coal Creek, 314-2009								
2013-07-19	Stream	-	0	0	0	0	3,000	
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
2013-08-19	Stream	P	0	0	0	0	0	Too murky to count.
Dawn Wilburn, Bob Murph	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
2013-08-24	Stream	-	0	0	0	0	0	Too murky to count.
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
2013-09-06	Stream	P	0	0	0	0	0	Lower river turbid water. 500 chum carcasses upriver.
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
Mud Bay, West Creek, 314-3004								
2013-08-19	Stream	-	0	0	0	0	2,000	
Dawn Wilburn, Bob Murph	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
Mud Bay, East Creek, 314-3005								
2013-08-19	Stream	-	0	1,700	0	0	0	
Dawn Wilburn, Bob Murph	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	

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Appendix A2.–Page 10 of 19.

Stream	Species							Observer Remarks
	Date	Location	Visi- bility	Chinook	Sockeye	Coho	Pink	
Mud Bay, East Creek, 314-3005								
2013-09-06	Stream	G	0	0	50	0	0	
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
Right Head Bay, South Creek, 314-3007								
2013-08-19	Stream	-	0	0	0	0	200	
Dawn Wilburn, Bob Murph	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
2013-09-06	Stream	G	0	0	300	0	0	
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
Right Head Bay, North Creek, 314-3009								
2013-08-19	Stream	-	0	0	0	0	4,500	Stream distribution: 4,000 chum in slough, 500 Chum in main creek.
Dawn Wilburn, Bob Murph	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
2013-09-07	Stream	G	0	0	1,200	0	0	Stream distribution: 1,000 coho in slough. 200 coho in main creek.
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
Left Head Creek, 314-3010								
2013-08-19	Stream	-	0	0	0	0	3,000	Stream distribution: 2,000 of the chum were in the slough.
Dawn Wilburn, Bob Murph	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
2013-09-07	Stream	G	0	0	7,200	0	0	Stream distribution: 4,200 coho in slough. 3,000 coho in main river.
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
Frank's Lagoon, 315-1001								
2013-08-16	Stream	-	0	0	0	0	4,000	
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
2013-09-06	Stream	G	0	0	500	0	0	
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	

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Appendix A2.–Page 11 of 19.

Stream Date Observer	Location	Visi- bility	Species					Observer Remarks
			Chinook	Sockeye	Coho	Pink	Chum	
King Salmon River, 315-1002								
2013-07-05	Stream	-	200	0	0	0	0	
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
	2013-08-05	Stream	-	400	0	0	0	2,800
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
	2013-09-06	Stream	P	0	0	600	0	0
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
Bear River, Branches and Lake, 315-1102								
2013-06-14	Stream	-	0	800	0	0	0	Distance surveyed: Weir to the confluence of Mad Sow River.
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
2013-06-23	Stream	-	0	2,500	0	0	0	Distance surveyed: Confluence of the Mad Sow to weir. Fair conditions, very high water.
Bob Murphy	Mouth	F	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
2013-06-28	Stream	-	0	2,100	0	0	0	Distance surveyed: Confluence of Mad Sow to weir.
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
2013-07-03	Stream	-	0	3,000	0	0	0	Distance surveyed: Confluence of Mad Sow to weir.
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
2013-07-05	Stream	-	0	8,300	0	0	0	Distance surveyed: Confluence of Mad Sow to weir.
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
2013-07-19	Stream	-	0	3,500	0	0	0	Distance surveyed: Confluence of Mad Sow to weir.
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
2013-07-29	Stream	F	0	4,200	0	0	0	Distance surveyed: Confluence of Mad Sow to weir.
Dawn Wilburn	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	

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Appendix A2.–Page 12 of 19.

Stream	Species							Observer Remarks	
	Date	Location	Visi- bility	Chinook	Sockeye	Coho	Pink		Chum
Bear River, Branches and Lake, 315-1102									
2013-08-05	Stream	-	600	5,000	0	0	0	1,800	Stream distribution: 5,000 Sockeye from Mad Sow to weir. 600 Chinook and 1800 Chum in Ridgerunner Creek (C)
Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
2013-08-11	Stream	-	0	3,000	0	0	0	0	Distance surveyed: Confluence of Mad Sow to weir.
Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
2013-09-06	Stream	G	0	2,000	4,000	0	0	3,000	Stream distribution: Weir site to Mad Sow River-2000 sockeye, 2,000 coho. Ridgerunner Creek-3,000 chums. Confluence of Milkv River-2,000 coho.
Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
2013-09-10	Stream	F	0	900	0	0	0	0	Distance surveyed: Confluence of Mad Sow to weir. Poor survey conditions, low light and rain squalls.
Dawn Wilburn	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
Sandy River and Lake, 315-1201									
2013-09-06	Stream	P	0	0	0	0	0	0	Too murky to count.
Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
Lime Creek, 316-1001									
2013-08-05	Stream	-	0	0	0	0	0	2,850	
Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
2013-09-07	Stream	G	0	0	100	0	0	0	
Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
Unnamed, Mid Three Hills, 316-1002									
2013-08-05	Stream	-	0	300	0	0	0	600	All fish observed very far up river.
Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
2013-09-07	Stream	G	0	0	50	0	0	0	
Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	

129

-continued-

Appendix A2.–Page 13 of 19.

Stream	Species							Observer Remarks	
	Date	Location	Visi- bility	Chinook	Sockeye	Coho	Pink		Chum
Observer									
SW Three Hills, 316-1004									
2013-08-05	Stream	-	0	2,500	0	0	0	1,200	All fish below lake.
Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
2013-09-07	Stream	G	0	0	50	0	0	0	
Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
Ocean River, 316-1005									
2013-06-14	Stream	-	0	500	0	0	0	0	
Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
2013-07-05	Stream	-	0	16,000	0	0	0	0	Three sport fishing boats within lower 1/2 mile of river.
Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
2013-08-05	Stream	-	0	20,000	0	0	0	0	Stream distribution: 1,000 sockeye in Wildman Lake, 19,000 sockeye in Ocean River, most in 1/2 mile below Lodge.
Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
2013-09-07	Stream	G	0	0	4,000	0	0	0	Three sport fishermen observed.
Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
Willie Creek, 316-1006									
2013-08-05	Stream	-	0	4,000	0	0	0	0	
Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
Ilnik River/Estuary, 316-2001									
2013-06-14	Stream	-	0	1,000	0	0	0	0	Stream distribution: Majority of sockeye just behind weir.
Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
2013-06-28	Stream	-	0	3,000	0	0	0	0	Stream distribution: Sockeye observed from weir towards lagoon.
Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	

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Appendix A2.–Page 14 of 19.

Stream Date Observer	Location	Visi- bility	Species					Observer Remarks
			Chinook	Sockeye	Coho	Pink	Chum	
Inlik River/Estuary, 316-2001								
2013-07-05	Stream	-	0	2,300	0	0	0	Stream Distribution: Sockeye observed behind weir to 1/2 mile towards lagoon.
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
2013-08-05	Stream	P	0	35,000	0	0	0	Stream distribution: 35000 in A, mostly in left fork and 3,000 in fork above cabin. B and C both very murky.
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
2013-09-07	Stream	G	0	0	13,000	0	0	Five sport fishermen observed.
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
Unangashak River, 316-2004								
2013-09-07	Stream	G	0	0	3,000	0	0	
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
Charles Creek, 317-2002								
2013-08-16	Stream	-	40	0	0	0	1,600	
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
Highland Creek, 317-2006								
2013-08-16	Stream	-	0	400	0	0	0	
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
Birthday Creek, 317-2008								
2013-08-16	Stream	-	0	300	0	0	2,200	
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
2013-09-07	Stream	-	0	0	125	0	0	
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
Barbara Creek, 317-2009								
2013-08-16	Stream	-	0	0	0	0	400	Three gillnets in river near ATV trail, near cabin on Linden Blow.
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	

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Appendix A2.–Page 15 of 19.

Stream	Species							Observer Remarks	
	Date	Location	Visi- bility	Chinook	Sockeye	Coho	Pink		Chum
Red Bluff Creek, 317-204A									
2013-08-16	Stream	-	175	17,000	0	0	0	2,000	
Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
Yellow Bluff Creek, 317-204B									
2013-08-16	Stream	-	0	3,000	0	0	0	2,000	
Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
Meshik River, Mainstem, 317-207A									
2013-06-14	Stream	P	0	0	0	0	0	0	Too murky to see. Two subsistence nets fishing at the time of the survey.
Bob Murphy	Mouth	P	0	0	0	0	0	0	
	Bay	P	0	0	0	0	0	0	
2013-06-28	Stream	-	0	7,000	0	0	0	0	Stream distribution: Sockeye observed from bay to approximately five miles above Scotty's Island.
Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
2013-07-05	Stream	-	0	40,000	0	0	0	0	Stream distribution: Most sockeye observed from Scotty's Island towards upriver. None in tributaries yet.
Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
2013-08-16	Stream	-	0	1,800	0	0	0	0	Stream distribution: 1,800 Sockeye in Lake.
Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
Braided Creek, 317-207B									
2013-08-16	Stream	-	20	3,600	0	0	0	800	
Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
Landlocked Cr.(Hotsprings Cr.), 317-207C									
2013-06-28	Stream	-	0	11,000	0	0	0	0	Fair conditions, murky and windy.
Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
2013-07-05	Stream	-	0	35,000	0	0	0	0	Stream Distribution: All sockeye within 4 miles of the mainstem. Many are in spawning colors, still many miles from spawning grounds.
Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	

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Appendix A2.–Page 16 of 19.

Stream	Species							Observer Remarks	
	Date	Location	Visi- bility	Chinook	Sockeye	Coho	Pink		Chum
Observer									
Landlocked Cr.(Hotsprings Cr.), 317-207C									
2013-08-16	Stream	-	0	3,000	0	0	0	500	
Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
2013-09-07	Stream	G	0	0	21,000	0	0	0	
Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
Bluff Creek, Branch Of Landlocked, 317-207D									
2013-08-16	Stream	-	0	0	0	0	0	0	The stream course has changed direction, channel changed and now goes through tundra. No fish observed.
Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
Blue Violet, Sleepy And Black Creeks , 317-207E									
2013-08-16	Stream	-	0	8,400	0	0	0	4,400	Stream distribution: 7,000 sockeye and 2,000 Sockeye carcasses in Blue Violet Creek. Black Creek too murky to count. 1,400 Sockeye and 4,400 Chum in Sleepy Creek fork.
Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
Wolf Creek, 317-207F									
2013-08-16	Stream	-	0	200	0	0	0	0	
Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
Meshik River, G Creek, 317-207G									
2013-08-16	Stream	-	0	0	0	0	0	0	No fish observed.
Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
Shoe Creek, 317-207H									
2013-08-16	Stream	-	0	2,000	0	0	0	3,000	
Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
Meshik River, J Creek, 317-207J									
2013-08-16	Stream	-	0	0	0	0	0	150	150 Chum at the confluence.
Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	

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Appendix A2.–Page 17 of 19.

Stream	Species							Observer Remarks
	Date	Location	Visi- bility	Chinook	Sockeye	Coho	Pink	
Observer								
Meshik River, K Creek, 317-207K								
2013-08-16	Stream	-	100	9,000	0	0	0	2,200
Bob Murphy	Mouth	-	0	0	0	0	0	0
	Bay	-	0	0	0	0	0	0
Meshik River, L Creek, 317-207L								
2013-08-16	Stream	-	40	2,000	0	0	0	2,600
Bob Murphy	Mouth	-	0	0	0	0	0	0
	Bay	-	0	0	0	0	0	0
Meshik River, N Creek, 317-207N								
2013-08-16	Stream	-	0	0	0	0	0	2,800
Bob Murphy	Mouth	-	0	0	0	0	0	0
	Bay	-	0	0	0	0	0	0
Plenty Bear Creek, 317-207O								
2013-08-16	Stream	-	0	0	0	0	0	1,600
Bob Murphy	Mouth	-	0	0	0	0	0	0
	Bay	-	0	0	0	0	0	0
Paddle Creek, 317-207OA								
2013-08-16	Stream	-	0	0	0	0	0	4,200
Bob Murphy	Mouth	-	0	0	0	0	0	0
	Bay	-	0	0	0	0	0	0
Waterfall Creek, 317-207P								
2013-08-16	Stream	P	0	0	0	0	0	0
Bob Murphy	Mouth	P	0	0	0	0	0	0
	Bay	P	0	0	0	0	0	0
Rainbow Creek, 317-207R								
2013-08-16	Stream	-	0	1,700	0	0	0	2,600
Bob Murphy	Mouth	-	0	0	0	0	0	0
	Bay	-	0	0	0	0	0	0
Cub Creek, 317-207T								
2013-08-16	Stream	-	0	1,700	0	0	0	1,250
Bob Murphy	Mouth	-	0	0	0	0	0	0
	Bay	-	0	0	0	0	0	0

134

Murky water.

-continued-

Appendix A2.–Page 18 of 19.

Stream	Date	Location	Visi- bility	Species					Observer Remarks
				Chinook	Sockeye	Coho	Pink	Chum	
Reindeer Creek, 318-1001									
	2013-08-05	Stream	-	0	0	0	0	2,300	
	Bob Murphy	Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	
Mud Creek, 318-2004									
	2013-08-05	Stream	-	0	31,000	0	0	500	Stream distribution: 10,000 Sockeye in A, 21,000 Sockeye in B, 500 Chum in C.
	Bob Murphy	Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	
	2013-09-07	Stream	G	0	0	4,000	0	0	
	Bob Murphy	Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	
Cinder River, Mainstem, 318-206A									
	2013-08-05	Stream	-	500	21,000	0	0	6,000	
	Bob Murphy	Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	
	2013-09-07	Stream	G	0	0	12,000	0	0	
	Bob Murphy	Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	
Cinder River, C Creek, 318-206C									
	2013-08-05	Stream	-	0	0	0	0	1,200	
	Bob Murphy	Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	
Lava Creek, 318-206D									
	2013-08-05	Stream	-	0	18,000	0	0	4,500	
	Bob Murphy	Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	
High Creek, 318-206E									
	2013-08-05	Stream	-	0	3,000	0	0	0	
	Bob Murphy	Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	
Meloy Creek, 318-206H									
	2013-08-05	Stream	-	0	8,000	0	0	300	
	Bob Murphy	Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	

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Appendix A2.–Page 19 of 19.

Stream	Species						Observer Remarks
	Location	Visi- bility	Chinook	Sockeye	Coho	Pink	
Wiggly Creek, 318-206J							
2013-08-05	Stream	-	600	12,000	0	0	5,000
Bob Murphy	Mouth	-	0	0	0	0	0
	Bay	-	0	0	0	0	0
Ray Creek, 318-206K							
2013-08-05	Stream	-	0	2,000	0	0	400
Bob Murphy	Mouth	-	0	0	0	0	0
	Bay	-	0	0	0	0	0
Cinder River, L Creek, 318-206L							
2013-08-05	Stream	-	0	0	0	0	300
Bob Murphy	Mouth	-	0	0	0	0	0
	Bay	-	0	0	0	0	0

Note: Visibility is classified as Good, Fair or Poor.

**APPENDIX B. NORTH ALASKA PENINSULA TEST
FISHERY, 2013**

Appendix B1.-North Bear River test fishery results for August 4, 2013.

Date Sunday, August 4, 2013	ADF&G Observer Bob Murphy	High Tide 10:59 AM 9.8 ft
Location north of Bear River	Fishing Vessel Vincenza A	Gillnet Specifications 4 3/4 inch mesh 60 deep
	Skipper Pat Springer	

SET INFORMATION

	1st	2nd	3rd	4th	5th
Location Description	at Bear River church and 1/2 mile out	1/4 mile south of church on the beach	at the 1,000 yard northern regulatory marker and close to the beach	Test fishery ended after northern boat made 3 sets	
GPS Latitude	56° 10.30' N	56° 10.02' N	56° 09.25' N		
GPS Longitude	160° 26.83' W	160° 26.05' W	160° 26.77' W		
Amount Net Used	200 fathoms	200 fathoms	200 fathoms		
Time					
first buoy in water	10:22 AM	11:08 AM	1:02 PM		
last buoy set	10:26 AM	11:15 AM	1:06 PM		
started picking	10:50 AM	12:07 PM	1:16 PM		
full net out of water	11:01 AM	12:52 PM	1:56 PM		
set soak time	0:35	1:37	0:50		
Species					
Sockeye	0	306	310		
Chinook	0	0	0		
Pink	0	0	0		
Chum	0	27	8		
Coho	0	0	0		
Brown Sculpin	0	0	1		
Capelin	0	0	0		
Irish Lord	0	0	0		
Salmon Shark	0	0	1		
Sole	0	0	0		
Starry Flounder	0	0	0		
Total soak time	3 hours 02 minutes				
Number of sets	5				
Sockeye total	616				

Appendix B2.—South Bear River test fishery results for August 4, 2013.

Date Sunday, August 4, 2013	ADF&G Observer Reid Johnson	High Tide 10:59 AM 9.8 ft
Location South of Bear River	Fishing Vessel Lady Margaret	Gillnet Specifications 4 3/4 inch mesh 45 deep
	Skipper Antonio Carini	

SET INFORMATION

	1st	2nd	3rd	4th	5th
Location Description	south end of whale hole 1/2 mile out	whale hole off beach	north of south marker	whale hole off beach	Test Fishery ended after southern boat made four sets
GPS Latitude	56° 76.50' N	56° 07.165' N	56° 08.056' N	56° 07.221' N	
GPS Longitude	160° 27.79' W	160° 27.295' W	160° 27.526' W	160° 27.483' W	
Amount Net Used	200 fathoms	200 fathoms	200 fathoms	200 fathoms	
Time					
first buoy in water	10:10 AM	10:41 AM	1:14 PM	2:14 PM	
last buoy set	10:15 AM	10:45 AM	1:18 PM	2:18 PM	
started picking	10:22 AM	11:20 AM	1:40 PM	2:46 PM	
full net out of water	10:33 AM	12:30 PM	2:03 PM	3:28 PM	
set soak time	00:18	01:45	00:45	01:10	
Species					
Sockeye	0	193	37	79	
Chinook	0	0	0	0	
Pink	0	1	1	3	
Chum	0	13	4	12	
Coho	0	0	0	0	
Brown Sculpin	0	5	0	1	
Yellowfin	0	6	0	0	
Irish Lord	0	0	0	0	
Salmon Shark	0	0	0	0	
Sole	0	0	0	0	
Starry Flounder	0	6	0	2	
Total soak time	3 hours 58 minutes				
Number of sets	4				
Sockeye total	309				

Appendix B3.–North Bear River test fishery results for August 5, 2013.

Date Monday, August 5, 2013	ADF&G Observer Dawn Wilburn	High Tide 11:37 AM 9.7 ft
Location north of Bear River	Fishing Vessel Martha Marie	Gillnet Specifications 4 1/2 inch mesh 70 deep
	Skipper Bruce Hendrickson	

SET INFORMATION

	1st	2nd	3rd	4th	5th
Location Description	at Bear River Church, on the beach	at 1,000 yard northern regulatory marker on the beach	Test fishery ended after northern boat made two sets		
GPS Latitude	56° 10.006' N	56° 11.124' N			
GPS Longitude	160° 26.159' W	160° 25.275' W			
Amount Net Used	200 fathoms	200 fathoms			
Time					
first buoy in water	9:15 AM	11:03 AM			
last buoy set	9:22 AM	11:07 AM			
started picking	9:40 AM	11:22 AM			
full net out of water	10:47 AM	12:13 PM			
set soak time	1:25	1:06			
Species					
Sockeye	288	209			
Chinook	0	0			
Pink	64	43			
Chum	24	11			
Coho	10	11			
Brown Sculpin	2	0			
Capelin	0	1			
Salmon Shark	0	0			
Spiny Dog Fish Shark	1	1			
Starry Flounder	7	2			
Total soak time	2 hours 31 minutes				
Number of sets	2				
Sockeye total	497				

Appendix B4.-South Bear River test fishery results for August 5, 2013.

Date Monday, August 5, 2013	ADF&G Observer Michelle Stratton	High Tide 11:37 AM 9.7 ft
Location south of Bear River	Fishing Vessel Flipper	Gillnet Specifications 4½ inch mesh 60 deep
	Skipper Randy Cheshier	

SET INFORMATION

	1st	2nd	3rd	4th	5th
Location Description	at whale hole and on the beach	south 1,000 ft marker near beach	below the rock pile near marker	Test fishery ended after northern boat made three sets	
GPS Latitude	56° 07.102' N	56° 07.491' N	56° 07.372' N		
GPS Longitude	160° 27.333' W	160° 27.351' W	160° 27.151' W		
Amount Net Used	200 fathoms	200 fathoms	200 fathoms		
Time					
first buoy in water	8:43 AM	9:31 AM	11:05 AM		
last buoy set	8:47 AM	9:34 AM	11:09 AM		
started picking	9:03 AM	9:53 AM	11:29 AM		
full net out of water	9:24 AM	10:48 AM	12:35 PM		
set soak time	00:37	01:14	01:26		
Species					
Sockeye	37	295	280		
Chinook	0	0	0		
Pink	2	17	10		
Chum	1	7	8		
Coho	1	2	2		
Brown Sculpin	0	0	0		
Irish Lord	0	1	0		
Salmon Shark	0	0	0		
Spiny Dog Fish Shark	1	0	0		
Starry Flounder	8	25	15		
Total soak time	3 hours 17 minutes				
Number of sets	6				
Sockeye total	612				