

Fishery Management Report No. 10-19

North Alaska Peninsula Commercial Salmon Annual Management Report, 2009

by

Trent G. Hartill

and

Robert L. Murphy

April 2010

Alaska Department of Fish and Game

Divisions of Sport Fish and Commercial Fisheries



Symbols and Abbreviations

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

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

FISHERY MANAGEMENT REPORT NO. 10-19

**NORTH ALASKA PENINSULA COMMERCIAL SALMON
ANNUAL MANAGEMENT REPORT, 2009**

by

Trent G. Hartill

Alaska Department of Fish and Game, Division of Commercial Fisheries, Kodiak

and

Robert L. Murphy

Alaska Department of Fish and Game, Division of Commercial Fisheries, Kodiak

Alaska Department of Fish and Game
Division of Sport Fish, Research and Technical Services
333 Raspberry Road, Anchorage, Alaska, 99518-1565

April 2010

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

*Trent G. Hartill,
Alaska Department of Fish and Game, Division of Commercial Fisheries,
211 Mission Road, Kodiak, AK 99615, USA*

and

*Robert L. Murphy,
Alaska Department of Fish and Game, Division of Commercial Fisheries,
211 Mission Road, Kodiak, AK 99615, USA*

This document should be cited as:

Hartill, T. G., and R. L. Murphy. 2010. North Alaska Peninsula commercial salmon annual management report, 2009. Alaska Department of Fish and Game, Fishery Management Report 10-19, Anchorage.

The Alaska Department of Fish and Game (ADF&G) administers all programs and activities free from discrimination based on race, color, national origin, age, sex, religion, marital status, pregnancy, parenthood, or disability. The department administers all programs and activities in compliance with Title VI of the Civil Rights Act of 1964, Section 504 of the Rehabilitation Act of 1973, Title II of the Americans with Disabilities Act (ADA) of 1990, the Age Discrimination Act of 1975, and Title IX of the Education Amendments of 1972.

If you believe you have been discriminated against in any program, activity, or facility please write:

ADF&G ADA Coordinator, P.O. Box 115526, Juneau, AK 99811-5526
U.S. Fish and Wildlife Service, 4401 N. Fairfax Drive, MS 2042, Arlington, VA 22203
Office of Equal Opportunity, U.S. Department of the Interior, 1849 C Street NW MS 5230, Washington DC 20240

The department's ADA Coordinator can be reached via phone at the following numbers:

(VOICE) 907-465-6077, (Statewide Telecommunication Device for the Deaf) 1-800-478-3648,
(Juneau TDD) 907-465-3646, or (FAX) 907-465-6078

For information on alternative formats and questions on this publication, please contact:

ADF&G Division of Sport Fish, Research and Technical Services, 333 Raspberry Road, Anchorage AK 99518 (907) 267-2375.

TABLE OF CONTENTS

	Page
LIST OF TABLES.....	ii
LIST OF FIGURES.....	iii
LIST OF APPENDICES	iii
ABSTRACT	1
INTRODUCTION	1
North Alaska Peninsula	1
Geography	1
Gear	1
Regulatory Season	2
Inseason Management	2
Escapement Goals.....	2
Run Timing.....	3
Alaska Peninsula and Bristol Bay Salmon Overlap Area	3
HARVEST BY SPECIES.....	3
Chinook Salmon	3
Sockeye Salmon	4
Coho Salmon	5
Pink Salmon.....	5
Chum Salmon	5
ESCAPEMENT BY SPECIES	5
Chinook Salmon	5
Sockeye Salmon	6
Nelson River	6
Bear River.....	6
Sandy River	6
Ilnik River.....	7
Port Heiden	7
Coho Salmon	8
Pink Salmon.....	8
Chum Salmon	8
COMMERCIAL SALMON FISHERY SUMMARY, 2009	8
Northwestern District	9
Nelson Lagoon Section.....	9
Bear River and Three Hills Sections.....	9
Ilnik Section.....	11
Outer Port Heiden Section.....	12
Inner Port Heiden and Cinder River Sections.....	12
EMERGENCY ORDERS.....	12
REFERENCES CITED	13
TABLES AND FIGURES.....	15
APPENDIX A. NORTH ALASKA PENINSULA SALMON ESCAPEMENT, 2009	109
APPENDIX B. NORTH ALASKA PENINSULA TEST FISHERY, 2009	135

LIST OF TABLES

Table	Page
1. North Peninsula salmon runs by species, 1962-2009.....	16
2. North Peninsula salmon harvest by species, week, and section, all gear combined, 2009.....	20
3. Northern District Chinook salmon runs by section, 1962-2009.....	25
4. Northern District sockeye salmon runs in number of fish, 1962-2009.....	31
5. Port Moller Bight, Bear River, Three Hills, and Ilnik sections combined salmon harvest by species and day, 2009.....	38
6. North Peninsula coho salmon harvest in number of fish by district and section, 1999-2009.....	40
7. Northwestern District pink salmon runs in number of fish, 1962-2009.....	41
8. Northern District chum salmon runs in number of fish, 1962-2009.....	46
9. Northwestern District chum salmon runs in number of fish, 1962-2009.....	52
10. Chinook, pink, chum, and coho salmon daily and cumulative escapement counts through the Nelson River weir, 2009.....	57
11. Chinook, pink, chum, and coho salmon daily and cumulative escapement counts through the Bear River weir, 2009.....	58
12. Chinook, pink, chum, and coho salmon daily and cumulative escapement counts through the Sandy River weir, 2009.....	60
13. Chinook, pink, chum, and coho salmon daily and cumulative escapement counts through the Ilnik River weir, 2009.....	61
14. Historical North Alaska Peninsula sockeye salmon escapements and escapement goals for systems with weirs, 1986-2009.....	62
15. Sockeye salmon daily and cumulative escapement counts through the Nelson River weir, 2009.....	63
16. Bear River sockeye salmon early and late run escapement, late run commercial catch, and total Bear River late run by year, 1986-2009.....	65
17. Sockeye salmon daily and cumulative escapement counts through the Bear River weir, 2009.....	66
18. Sockeye salmon daily and cumulative escapement counts through the Sandy River weir, 2009.....	70
19. Sockeye salmon daily and cumulative escapement counts through the Ilnik River weir, 2009.....	72
20. North Peninsula salmon harvest by species and day, 2009.....	74
21. North Peninsula salmon harvest by district, statistical area, and section, 2009.....	76
22. Northwestern District sockeye salmon runs (number of fish), 1962-2009.....	77
23. Emergency order summary for the North Alaska Peninsula commercial salmon fishery, 2009.....	82
24. Nelson Lagoon Section salmon harvest by species and day, 2009.....	87
25. Bear River Section salmon harvest by species and day, 2009.....	89
26. North Alaska Peninsula salmon test fish catches, 2000-2009.....	91
27. Three Hills Section salmon harvest by species and day, 2009.....	92
28. Ilnik Section salmon harvest by species and day, 2009.....	93
29. Outer Port Heiden Section salmon harvest by species and day, 2009.....	94
30. Alaska Peninsula (Area M) and Bristol Bay (Area T) overlap area commercial salmon catch, in number of fish by gear and permit, 1975-2009.....	95

LIST OF FIGURES

Figure	Page
1. Map of Alaska Peninsula with North Peninsula commercial salmon fishing districts.	98
2. North Alaska Peninsula from Nelson Lagoon to Strogonof Point, with selected commercial salmon fishing sections, season opening dates, and major sockeye salmon systems.	99
3. Alaska Peninsula (Area M) and Bristol Bay (Area T) commercial salmon fishing overlap areas.	100
4. North Peninsula commercial sockeye salmon harvest, 1962-2009.	101
5. Port Moller Bight, Bear River, Three Hills, and Ilnik sections commercial sockeye salmon harvest, 1985-2009.	102
6. Port Moller to Cape Seniavin, Cape Seniavin to Strogonof Point, and Outer Port Heiden sockeye salmon catch by week, 2009.	103
7. North Alaska Peninsula sockeye salmon escapement, 1962-2009.	104
8. Nelson Lagoon commercial sockeye salmon harvest, 1987-2009.	105
9. Nelson Lagoon commercial sockeye salmon harvest by week, 2009.	106
10. Number of permits fished in the Ilnik, Three Hills, Bear River, and Outer Port Heiden sections, 1990-2009.	107

LIST OF APPENDICES

Appendix	Page
A1. North Alaska Peninsula estimated total escapement for Chinook, sockeye, pink, and chum salmon, and peak escapement counts for coho salmon, 2009.	110
A2. North Alaska Peninsula aerial salmon surveys, 2009.	114
 B1. North Bear River test fishery results for August 3, 2009.	 136
B2. South Bear River test fishery results for August 3, 2009.	137
B3. North Bear River test fishery results for August 4, 2009.	138
B4. South Bear River test fishery results for August 4, 2009.	139

ABSTRACT

This report is a summary of the 2009 season and historical data concerning management of the commercial salmon fisheries of the Northwestern and Northern districts of the North Alaska Peninsula, which is part of the Alaska Peninsula Management Area (Area M). Most commercial salmon fishery effort on the North Alaska Peninsula targeted sockeye salmon *Oncorhynchus nerka* runs. The 2009 commercial salmon harvest on the North Alaska Peninsula included 3,189 Chinook *O. tshawytscha*, 2,426,601 sockeye, 67,601 coho *O. kisutch*, 275,083 pink *O. gorbuscha*, and 105,994 chum *O. keta* salmon. Chinook salmon harvest was the second lowest reported harvest since 1975, with the majority occurring incidental to the sockeye salmon fishery in the Bear River Section. The sockeye salmon harvest in the Northern District of 2,389,542 fish was above the previous ten-year average harvest of 2,027,138, while the sockeye salmon harvest in the Northwestern District of 37,059 fish was below the ten-year average harvest of 85,905 fish. Of the Northern District harvest, 89% or 2,160,528 fish were harvested in the sections between Port Moller Bight and Outer Port Heiden. The Northwestern District pink salmon harvest of 274,853 was the third highest since 1970 and well above the ten-year average of 29,000. The north peninsula chum salmon harvest of 105,994 was above the ten-year average of 95,572 and was split about evenly between the Northwestern and Northern districts. The chum salmon harvested in the Northern District were caught incidentally during sockeye salmon fisheries, while in the Northwestern District there were fisheries targeting chum salmon.

Total sockeye salmon escapement for North Alaska Peninsula streams was 934,400 fish, below the most recent ten-year average of 1,105,692. Approximately 65% of the sockeye salmon escapement occurred in the Northern District's four systems in which escapement is enumerated with weirs (Nelson, Bear, Sandy, and Ilnik rivers). Each of those systems met or exceeded the escapement goal ranges.

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

INTRODUCTION

This report is a summary of the 2009 season and historical data concerning the commercial salmon fisheries and escapements that occurred on the North Alaska Peninsula. The purpose of this report is to document catch and escapement data and provide commercial salmon fishermen and buyers a context with which to compare the 2009 North Alaska Peninsula commercial salmon catch and escapement with historical information.

NORTH ALASKA PENINSULA

Geography

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

Gear

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

restrictions exist. For example, the Nelson Lagoon Section is open to drift and set gillnet gear only. In the Northern and Northwestern districts, drift gillnet is by far the most widely used gear. There has not been a purse seine delivery in the Northern District since 2001.

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). In February 2007, the Alaska Board of Fisheries (board) adopted new regulations for commercial salmon fishing in the Ilnik and Outer Port Heiden sections (5 AAC 09.369 (j)(l)). Fishing is allowed beginning June 20 in that portion of the Ilnik Section southwest of Unangashak Bluffs if the sockeye salmon escapement meets or exceeds interim escapement objectives in the Ilnik River (Figure 2). In 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 escapements in the Meshik River are sufficient. Management action may also be taken in the Ilnik and Outer Port Heiden sections for conservation of Ugashik River sockeye salmon if that portion of the Egegik District specified in 5 AAC 06.359 (c) is closed in the Bristol Bay Management Area.

Inseason Management

While the earliest opening dates are established by regulation and modified by emergency orders, actual fishing time in North Alaska Peninsula fisheries is based on inseason evaluation of local stock abundance and escapement objectives. Sockeye salmon are the primary species targeted for harvest in these waters, and 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 Hartill 2009). The Alaska Department of Fish and Game (ADF&G) operates weir camps on the Nelson, Bear, Sandy, and Ilnik rivers that provide daily escapement counts used to manage commercial fisheries. Aerial surveys are used to enumerate salmon in other systems that do not have weirs.

Escapement Goals

Weir counts and aerial surveys are used to estimate escapement¹. 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 and/or age were not consistently measured. Methods used to develop SEG's include the percentile approach, cluster analysis of count data, risk analyses, and limnological

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.

models (Honnold et al. 2007). As defined by the Sustainable Salmon Fisheries Policy (SSFP; 5 AAC 39.222), a SEG is a level of escapement indicated by an index or escapement estimate that is known to provide for sustained yield over a 5 to 10 year period and is used in situations where a BEG cannot be estimated due to the absence of a stock specific catch estimate.

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

Run Timing

The timing of sockeye salmon returning to North Alaska Peninsula streams varies by system and stock. Local sockeye salmon stocks are present in the Nelson Lagoon to the 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 2009a). Bear River supports two genetically distinct runs: an early run that begins in early June, peaks in early July, and ends in late July; and a late run that starts in late July, peaks in mid-August, and ends in September (Ramstad 1998). The Sandy, Ilnik, and Meshik rivers run timing closely parallels the Bear River early run (beginning in early June and ending in late July; Murphy and Hartill 2009a).

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. Except during July, Area T permit holders are allowed to fish during the open season in the Inner Port Heiden and Cinder River sections. Area T permit holders are also allowed to fish in Ilnik Lagoon during August and September. In 1986, Area T fishermen started fishing in the Ilnik and Outer Port Heiden sections. In 1990, the 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). Since 2001, effort by both Area M and Area T permit holders in the overlap area has been minimal.

HARVEST BY SPECIES

CHINOOK SALMON

The 2009 North Alaska Peninsula commercial Chinook salmon harvest of 3,189 fish was below the recent ten-year (1999-2008) average of 5,824 fish (Table 1). This was the second lowest

harvest since 1975, only 2008 had a lower harvest. In addition, the Chinook salmon escapement of 12,807 was well below the previous ten-year average of 21,420.

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 2009, about 37% of the Chinook salmon harvested (1,194 fish) were taken in the Bear River Section during sockeye salmon fisheries (Tables 2 and 3). The Chinook salmon harvest in the Nelson Lagoon Section of 575 fish was well below the 10-year average of 1,905 fish (Table 3). The Three Hills and Ilnik sections combined harvest of 596 Chinook salmon was also well below the 10-year average of 1,565. The Outer Port Heiden Section, which reopened in 2007 for the first time since 1989, had a harvest of 800 Chinook salmon, which was higher than 2008 (168 fish) but lower than 2007 (970 fish). There was no effort targeting Chinook salmon in the Inner Port Heiden Section in 2009. Depending on market conditions, there is occasionally a directed fishery for Chinook salmon in the Inner Port Heiden Section.

SOCKEYE SALMON

The 2009 North Alaska Peninsula sockeye salmon harvest of 2,426,601 fish was above the 1999-2008 average harvest of 2,113,043 fish (Table 1) and the 1989-2008 average harvest of 2,315,173 fish (Table 1; Figure 4). The 2009 harvest was about 13% below the preseason projected harvest of 2,800,000 sockeye salmon (Table 1; Volk et al. 2009). Most of the harvest occurred in the Northern District between Nelson Lagoon and Outer Port Heiden sections, which includes the Nelson Lagoon, Bear River, Three Hills, Ilnik, and Outer Port Heiden sections.

In 2009, the combined Port Moller Bight, Bear River, Three Hills, Ilnik, and Outer Port Heiden sections accounted for approximately 89% of the North Alaska Peninsula total sockeye salmon harvest. Of that, the Bear River and Ilnik sections each had approximately 30% of the harvest, while the Outer Port Heiden section accounted for about 35%. The Three Hills Section had about 4% of the harvest (Figure 5). The proportion of harvest between those sections in 2009 is roughly comparable to the most recent ten-year average, where about 42% of the harvest has come from the Ilnik Section, about 30% from the Bear River and Port Moller Bight sections, and about 10% from the Three Hills Section (Figures 2 and 5). Because the Outer Port Heiden Section has only been open since 2007, it is difficult to compare the average harvest from 2007 through 2009 to the recent ten-year average.

In the combined Three Hills and Ilnik sections, 745,012 sockeye salmon were harvested during 2009, of which 93,388 fish were harvested in the Three Hills Section and 651,624 fish were taken in the Ilnik Section (Table 4; Figure 5). The total Ilnik Section harvest was below the most recent 10-year average of 844,547. The Three Hills harvest was below the most recent ten-year average of 202,881 fish. The largest weekly harvest in the combined Three Hills and Ilnik sections occurred between June 28 and July 4 when 210,347 sockeye salmon were harvested (Table 2; Figure 6).

In the Port Moller Bight, Bear River, Three Hills, and Ilnik sections, the total catch was 1,397,885 sockeye salmon (Table 2). The largest weekly harvest of 293,237 sockeye salmon occurred during the period July 5 to July 11. The largest daily harvest of 106,769 sockeye salmon occurred June 29 (Table 5).

COHO SALMON

The 2009 North Alaska Peninsula coho salmon harvest of 67,601 fish was similar to the 1999-2008 average harvest of 63,241 fish (Tables 1 and 6). In 2009, about 96% (65,413 fish) of the coho salmon harvest came from the Nelson Lagoon, Bear River, Three Hills and Ilnik sections. Of those sections, about 55% (37,060 fish) of the harvest occurred in the Nelson Lagoon Section, about 17% (11,682 fish) in the Ilnik Section, about 15% (9,809 fish) in Bear River Section, and about 10% (6,862 fish) from the Three Hills Section. The remaining 4% (2,188 fish) came from the remainder of the North Peninsula (Table 6).

PINK SALMON

The 2009 North Alaska Peninsula pink salmon harvest of 275,083 fish was above the 1999-2008 odd-year average harvest of 35,434 fish (Table 1). The majority of the pink salmon harvest came from the Northwestern District in 2009, where the harvest was 274,853 salmon, well above the 1999-2008 odd-year average harvest of 29,000 fish (Table 7). The Northwestern District harvest was the third highest harvest on record and highest since 1980.

In the Northern District, pink salmon are usually caught incidental to sockeye salmon and only 230 pink salmon were reported harvested in 2009. The low pink salmon harvest was primarily due to lack of industry interest in most of the Northern District.

CHUM SALMON

The 2009 North Alaska Peninsula chum salmon harvest of 105,994 fish was above the 1999-2008 average harvest of 95,572 fish (Table 1). In the Northern District, the chum salmon harvest of 51,825 fish was just above the 1999-2008 average of 48,594 fish (Table 8). The remaining 54,169 chum salmon were harvested in the Northwestern District, which was also above the previous ten-year average of 46,978 fish (Table 9). In 2009, the chum salmon harvested in the Northern District were caught incidentally during sockeye salmon fisheries, while in the Northwestern District the majority of the chum salmon harvest was from directed fisheries.

ESCAPEMENT BY SPECIES

CHINOOK SALMON

The 2009 North Alaska Peninsula estimated total Chinook salmon escapement was 12,807 fish, which was below the 1999-2008 average of 21,420 fish (Table 1). The 2009 Nelson River Chinook salmon escapement of 2,048 fish was below the BEG range of 2,400-4,400 fish (Honnold et al. 2007; Appendix A1). Of the total estimated escapement, 1,248 fish were counted at the Nelson River weir and 800 were observed during a post weir aerial survey (Table 10; Appendix A2). Nelson River is the only river on the North Alaska Peninsula with a Chinook salmon escapement goal. The combined King Salmon, Bear, and Sandy rivers (Bear River Section) estimated Chinook salmon escapement was 1,296 fish, which was less than the 1999-2008 average of 3,043 fish (Table 3). The Bear and Sandy river weir counts (Tables 11 and 12) do not accurately reflect the total escapement of Chinook salmon because most of the fish spawn below the weir sites or in other downstream tributaries. A total of 13 Chinook salmon passed the Ilnik River weir in 2009 (Table 13). In the Inner Port Heiden Section (the Meshik River and its tributaries), 3,000 Chinook salmon were estimated, while 4,750 Chinook salmon were estimated in Cinder River during 2009 (Table 3; Appendix A1).

SOCKEYE SALMON

The 2009 North Alaska Peninsula estimated total sockeye salmon escapement of 934,400 fish, which included weir and aerial survey counts, was below the 1999-2008 average estimated escapement of 1,105,692 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 (combined early and late runs, 293,000-488,000 fish), Sandy River (34,000-74,000 fish), Ilnik River (40,000-60,000 fish), Meshik River (20,000-60,000 fish), and Cinder River (12,000-48,000 fish; Witteveen et al. 2009). There is only one system on the North Alaska Peninsula with a BEG and that is Nelson River (97,000-219,000 fish). The systems most often considered in management decisions, their historical escapements and goal ranges are detailed in Table 14. All of the above systems met or exceeded their escapement goal except Swanson Lagoon, where only 1,000 sockeye salmon were documented (Appendix A1).

Nelson River

From the total Nelson River run of 373,802 sockeye salmon, 214,302 fish were harvested in Nelson Lagoon and 159,500 sockeye escaped (Table 4), of which 157,000 fish returned to Nelson River, 2,000 to Caribou River and 500 to David's River (Appendix A1). The Nelson River weir sockeye salmon escapement of 157,000 fish met the goal of 97,000-219,000 sockeye salmon, but was below the most recent 10-year average of 256,563 fish (Tables 14 and 15; Witteveen et al. 2009). The peak daily escapement (9,355 fish) at the Nelson River weir occurred on July 3 (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 a daily grab sample of approximately 40 fish. That proportion is then extrapolated to account for the entire day's escapement. When the weir was removed on July 27, it was estimated that about 60,000 female sockeye salmon had passed the weir, meeting the desired management escapement objective of 50,000-110,000 female fish (Murphy and Hartill 2009).

Bear River

The Bear Lake early and late run sockeye salmon runs have separate escapement goals because each are recognized as genetically distinct components of the run (Ramstad 1998). In 2009, both the early- and late-Bear River sockeye salmon runs met their escapement goals. The early-run (through July 31) met the escapement goal of 176,000-293,000 fish with an escapement of 216,237 fish, while the late run (after July 31) met its escapement goal of 117,000-195,000 fish with an escapement of 133,263 (SEG; Tables 16 and 17). The largest daily escapement at the weir in 2009 occurred on June 30 when 16,483 sockeye salmon were counted (Table 17). The 2009 late run differed from most years in that the daily escapement did not exceed 10,000 fish as typically occurs.

Sandy River

The total 2009 Sandy River sockeye salmon escapement of 36,000 fish (including a post-weir estimate of 1,679 fish) was within the escapement goal range of 34,000-74,000 fish, but below

the recent 1999-2008 average escapement of 52,190 fish (Tables 14 and 18; Witteveen et al. 2009). The largest daily escapement at the Sandy River weir occurred on July 4 when 3,446 sockeye salmon were counted (Table 18). For most of the season, escapement into Sandy River did not meet interim escapement objectives. It wasn't until the final escapement objective that escapement through the weir met the escapement goal. In the last ten years escapements, only the 2008 escapement was lower than that in 2009.

Ilnik River

The Ocean River, normally a tributary of the Ilnik River which flows through the Ilnik River weir in most years, has emptied directly into the Bering Sea from 2005 through 2009. The last time this occurred prior to 2005 was 1987. Ocean River is a major spawning tributary in the Ilnik system and accounts for about 20% of the spawning run. Willie Creek is also a major spawning tributary to Ilnik River. Typically it flows directly into Ilnik River and does not connect with Ocean River. However, in 2009 a channel developed presumably as a result of winter storms and connected Ocean River and Willie Creek. As a result, it was possible for a fish to enter Ocean River, bypassing the Ilnik River weir, and still reach the Ilnik River or Willie Creek spawning grounds. To account for Ocean River-bound sockeye salmon that bypassed the weir in 2009, the Ilnik River escapement goal (40,000-60,000; SEG) was decreased by 20% to 32,000-48,000 sockeye salmon. The remaining 8,000-12,000 (or 20%) is the historical proportion of the Ocean River component of the Ilnik system. Because Ocean River fish were no longer enumerated at the Ilnik River weir, aerial surveys were flown on Ocean River to determine if the management objective of 8,000-12,000 sockeye salmon was met. The final escapement estimate for Ocean River was 16,000 sockeye salmon, exceeding the management objective of 8,000-12,000 (Appendix A1). The total sockeye salmon escapement through the Ilnik River weir of 35,000 fish (including a 1,184 fish post-weir estimate; Table 19) was within the escapement goal of 32,000-48,000 (which accounts for the Ocean River escapement goal deduction of 8,000-12,000 fish). Due to the inter-connectivity of Ilnik River, Ocean River and Willie Creek, and the potential for counting fish twice, an aerial survey was conducted on all three systems at the end of the run. This aerial survey provided an opportunity to assess the final escapement into the Ilnik River drainage. At that time, the mainstem Ilnik River had 39,000 sockeye salmon, Ocean River had 16,000 fish, and Willie Creek had 11,000 fish, for a total of 66,000 sockeye salmon, slightly above the escapement goal range of 40,000-60,000 fish (Appendix A1; Witteveen et al. 2009).

Port Heiden

In 2009, the sockeye salmon escapement into Inner Port Heiden (including the Meshik River and Red Bluff Creek and tributaries) was 88,200 fish, below the most recent 10-year average of 104,786 (Table 4). The Meshik River system had an estimated escapement of 63,500 sockeye salmon, slightly above the escapement goal range of 20,000-60,000 fish (Appendix A1; Witteveen et al. 2009). 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 opened and Meshik River fish have been targeted, escapements into Inner Port Heiden have decreased and have been closer to the escapement goal.

Red Bluff Creek and its tributaries, which flow into Port Heiden approximately two miles from the mouth of Meshik River, had an escapement of 24,500. Red Bluff Creek does not have an escapement goal.

COHO SALMON

The overall North Alaska Peninsula coho salmon total run in 2009 was considered to be average. Nelson River is the only river on the North Alaska Peninsula that has a coho salmon lower bound SEG (18,000 fish; Honnold et al. 2007). This goal was met in 2009 with a peak escapement estimate of 22,000 fish (Appendix A1). Some of the larger estimated escapements occurred in the Ilnik River system (28,275 fish), Inner Port Heiden streams (32,400 fish), and Cinder River Lagoon (35,000 fish; Appendix A1). These escapements are slightly above previous years escapements. In all, approximately 206,695 coho salmon were documented in 30 North Alaska Peninsula streams during 2009. However, it should be noted that due to budget constraints and unfavorable fall weather conditions, intensive aerial surveys were not flown for coho salmon during 2009. Many streams were not surveyed, and 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. However, the 2009 North Alaska Peninsula estimated total pink salmon escapement of 91,441 was the highest escapement on record for an odd-numbered year (Table 1; Appendix A1). The North Alaska Peninsula pink salmon escapement goal is based solely on the escapement in the Bechevin Bay Section within the Northwestern District. The estimated escapement of 72,000 pink salmon into Bechevin Bay was well above the odd-numbered year lower bound SEG of 1,600 fish (Appendix A1; Honnold et al. 2007). Total pink salmon escapement for the Northwestern District was 74,400 fish, far above the most recent odd-numbered year average escapement of 9,338 pink salmon (Table 7). For odd-numbered years from 1999 through 2007, the entire North Alaska Peninsula escapement averaged 33,487 pink salmon and ranged from 20,000 fish in 2003 to 52,628 fish in 2005 (Table 1).

CHUM SALMON

The North Alaska Peninsula has two chum salmon escapement goals, one for the entire Northern District and one for the entire Northwestern District. In 2009, the Northern District chum salmon escapement goal (119,600 to 239,200 fish; Honnold et al. 2007) was met when 154,131 fish were documented in Northern District streams (Table 8; Appendix A1). Historically, the Herendeen-Moller Bay Section has the largest chum salmon runs in the Northern District. In 2009, Herendeen and Moller bays accounted for about 73% of the total Northern District chum salmon escapement (112,400 fish; Table 8). The Northwestern District chum salmon escapement of 84,460 fish did not meet the goal of 100,000 to 215,000 fish, and was below the previous ten year average of 286,993 fish (Table 9; Honnold et al. 2007). The total North Alaska Peninsula estimated chum salmon escapement of 232,591 was well below the previous ten year average of 544,096 fish.

COMMERCIAL SALMON FISHERY SUMMARY, 2009

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

information is only a three year average. The total late Bear River sockeye salmon run, which consists of commercial catch and escapement from Port Moller to Stroganof Point after July 31, of 457,913 fish was below the most recent 10-year average of 576,594 fish (Table 16). A complete listing of all commercial salmon harvest by day on the North Peninsula can be found in Table 20.

NORTHWESTERN DISTRICT

In the 2009 Northwestern District commercial salmon fishery, a total of 2 Chinook, 37,059 sockeye, 50 coho, 274,853 pink, and 54,169 chum salmon were harvested (Table 21). With few large sockeye salmon producing systems, the Northwestern District receives less commercial fishing effort than the Northern District. The 2009 sockeye salmon harvest in the Northwestern District of 37,059 fish was below the 1999-2008 average harvest of 85,905 sockeye salmon (Table 22). The sockeye salmon catch in the Uria Bay Section (24,412 fish) was the largest of any section in the Northwestern District in 2009, followed by the Izembek-Moffett Bay Section with 10,869 fish (Tables 2, 21, and 22). A total of six permit holders harvested sockeye salmon in the Uria Bay Section (Table 2).

In 2009, the sockeye salmon harvests in the Bechevin Bay, Swanson Lagoon, Dublin, and Uria Bay sections totaled 26,190 fish, which was below the 1999-2008 average of 64,810 sockeye salmon (Table 22). The vast majority of the sockeye salmon catch in the Izembek-Moffett Bay Section occurred in the Moffett Bay area with a harvest of 9,963 fish. The chum salmon catch of 54,169 fish in 2009 was slightly above the recent 10-year average of 46,978 fish (Table 9). The majority of the chum salmon harvest occurred in the Bechevin Bay Section (36,984 fish) followed by the Izembek-Moffett Bay Section (17,155 fish; Table 21). The pink salmon harvest (274,853 salmon) was the third highest on record for the Northwestern District, with the vast majority of the harvest occurring in the Bechevin Bay Section (274,510 fish; Tables 2 and 21).

NELSON LAGOON SECTION

The total Nelson River system run, consisting of the Nelson Lagoon Section harvest and escapements of all Nelson River tributaries, was 373,802 sockeye salmon. The harvest of 214,302 sockeye salmon (Tables 4 and 21) was below the 1999-2008 average harvest of 294,300 fish (Figure 8). For most of the 2009 commercial fishing season, the Nelson Lagoon Section was open five to six days per week (Tables 23 and 24). The first day of salmon harvest in the Nelson Lagoon Section occurred on June 8 and the last day with a delivery was September 14. The peak daily catch was on June 29 when 24 permit holders harvested 14,426 sockeye salmon. The largest weekly harvest in Nelson Lagoon occurred between June 28 and July 4 when 57,954 fish were harvested (Table 2; Figure 9).

After August 15, the Nelson Lagoon Section is managed based on coho salmon run strength. The 2009 Nelson Lagoon coho salmon harvest of 37,060 fish was the fifth largest catch in the past 10 years and represented about 55% of the total North Alaska Peninsula coho salmon harvest during 2009 (Tables 6 and 21). In recent years, increased processor interest and higher prices for coho salmon have resulted in increased harvest effort.

BEAR RIVER AND THREE HILLS SECTIONS

The sockeye salmon harvest in the Bear River Section was 652,873 fish, which was above the 1999-2008 average harvest of 590,020 fish (Table 4). The largest weekly harvest in the Port Moller Bight

and Bear River sections combined totaled 130,858 sockeye salmon and occurred between July 5 and July 11 (Table 2). The largest daily harvest of 34,746 sockeye salmon occurred on June 22 (Table 25).

By regulation, the Bear River Section opens to commercial salmon fishing on May 1, while the Three Hills Section opens June 25 (5 AAC 09.310 (a)(4)(5)). Fishing times in the Bear River and Three Hills sections are based on the evaluation of the Bear, Sandy, and Ilnik river sockeye salmon stocks through June and July (Murphy and Hartill 2009).

In 2009, management of the Bear River and Three Hills sections were greatly influenced by a weak Sandy River run. Throughout June and July, escapement into Sandy River failed to meet interim escapement objectives. Due to the weak run, the Three Hills section did not open until July 14, and beginning July 2, large closed water markers were instituted in the Bear River Section to protect Sandy River fish. The Bear River early-run was meeting its interim escapement goals throughout this time.

Management of the Bear River late run begins on August 1. In 2009, the Port Moller Bight, Bear River, Three Hills, and Ilnik sections were closed July 28 through August 5. To assess the strength of the Bear River late run a test fishery was conducted on August 3. Based on the results of the test fishery there appeared to be a buildup of fish near the mouth of Bear River but not enough to warrant opening the commercial salmon fishery. As a result, another test fishery was scheduled for the following day, August 4. On the second day of test fishing considerably more fish were observed near the mouth of Bear River. In addition to an increase in the marine buildup of sockeye salmon, the number of fish passing the Bear River weir was sufficient to meet the first late run interim escapement objective (Murphy and Hartill 2009; Appendices B1-B4; Table 26). The combination of consistent escapement counts at the Bear River weir and strong catches in the test fishery allowed all of the Ilnik and Three Hills sections to open to commercial salmon fishing. Although the weir counts had met interim escapement objectives, they were not strong enough to warrant allowing all of the Bear River Section to open. As a result the Bear River section opened concurrently with the Ilnik and Three Hills sections. However, to protect the milling fish observed in the test fishery and to ensure interim escapement objectives were met, no commercial fishing was allowed from the southern 500-yard regulatory marker at Franks Lagoon to the Sandy River Bluffs. For the majority of the late run, the weir counts continued to meet interim escapement objectives but were not strong enough to warrant opening the large closed portion of the Bear River Section. On August 21 the late run escapement goal was met and the closed waters were re-opened. By August 25 the weir counts had dropped below 1,000 fish and the weir was removed the following day. The late run escapement past the weir was 101,840 fish, meeting the late run objective of 87,000-165,000 fish (Murphy and Hartill 2009). Including a post weir estimate of 31,423, the late run met its escapement goal of 117,000-293,000, with an escapement of 133,263 fish (Honnold et al. 2007; Tables 16 and 17).

Harvest in the Bear River Section, which includes the area from Port Moller to Cape Seniavin, occurred from June 8 to September 9, during which time 130 permit holders harvested a total of 652,873 sockeye salmon (Table 25). The late run harvest of 324,650 fish, which was below the previous ten-year average of 428,484 fish (Table 16), accounted for about half of the total harvest.

Since 2000, harvest effort in the Three Hills Section has steadily declined. This can be attributed to an overall decrease in North Alaska Peninsula effort, redistribution of the effort in the Northern District, and inseason management actions implemented to protect local stocks. In total, 93,388 sockeye salmon were harvested in the Three Hills Section in 2009, below the previous ten year average of 202,881 fish (Table 4). Harvest in the Three Hills Section occurred from July 14 through September 5. Throughout this time a total of 70 permit holders fished in the section with an average of ten permit holders per day (Table 27).

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)). During the 2009 season, management of that portion of the Ilnik Section northeast of Unangashak Bluffs was based on the Ilnik River weir escapement and Meshik River sockeye salmon escapement (as determined by aerial surveys). In that portion of the Ilnik Section southwest of Unangashak Bluffs, management actions were based on Ilnik River weir escapement levels and Ocean River escapement.

The Ilnik Section outside of Ilnik Lagoon opened to commercial salmon fishing on June 27. At that time the cumulative Ilnik River sockeye salmon escapement was 11,989 fish, nearly meeting the June 30 interim escapement objective of 12,000-20,000 fish. However, the total escapement was well below the previous year's counts by that date. While escapement past the weir was meeting interim escapement objectives, lower weir counts were likely due to fish entering the Ilnik River system via the Ocean River and, therefore, not being counted at the weir. An aerial survey on June 30 indicated this may be the case when 6,000 sockeye salmon were observed in Ocean River.

The Ilnik sections northeast and southwest of Unangashak Bluffs, were open concurrently throughout the season, opening to commercial salmon fishing on June 27 and ending September 2. During that time, there were five periods of multi-day closures (Table 28). Early season aerial surveys of Meshik River indicated escapement was sufficient to allow commercial fishing. However, escapement counts at the Ilnik River weir were not meeting objectives. Therefore, the Ilnik Section opening was delayed until June 27 when escapement into Ilnik River began to increase. The total escapement in the Inner Port Heiden Section (including Meshik River, Red Bluff and Yellow Bluff creeks and tributaries) was 88,200 sockeye salmon (Appendix A1). In the Meshik River system the sockeye salmon escapement was 63,500 fish, meeting the escapement goal range of 20,000-60,000 fish (Appendices A1 and A2; Honnold et al. 2007).

In 2009, a total of 127 permit holders harvested 651,624 sockeye salmon in the Ilnik Section (Table 28). About 43% of the harvest (279,330 sockeye salmon) occurred southwest of Unangashak Bluffs, and about 57% (372,294 sockeye salmon) was harvested between Unangashak Bluffs and Strogonof Point (Table 21; Figures 2 and 3). The 2009 peak daily catch in the Ilnik Section was on June 29 when 106,769 sockeye salmon were harvested (Table 28).

Between July 20 and August 15, the Ilnik Section is managed based on the abundance of Bear River sockeye salmon stocks (Murphy and Hartill 2009). After August 15, by regulation, the Ilnik Section is managed on the basis of coho salmon runs into Ilnik Lagoon. Although regulation states management is based on coho salmon, coho were not targeted in the Ilnik Section in 2009, but rather were harvested incidentally to sockeye salmon. Harvest of coho salmon began to pick up in late July and peaked on August 17, when 1,408 coho salmon were

harvested (Table 28). The total coho salmon commercial harvest in the Ilnik Section in 2009 was 11,682 fish, which was above the most recent 10-year average of 8,770 fish (Table 6). Harvest and effort began to taper off in early September, at which time the remaining fishermen either quit fishing for the season or fished closer to Port Moller.

No commercial salmon fishing effort occurred inside Ilnik Lagoon in 2009 even though extensive fishing time was permitted (Table 21).

OUTER PORT HEIDEN SECTION

This was the third year a directed sockeye salmon fishery occurred in the Outer Port Heiden Section. Fishing time in the Outer Port Heiden Section is based on Meshik River sockeye salmon abundance unless management actions are taken for the conservation of Ugashik River sockeye salmon in the Egegik District (Murphy and Hartill 2009). The earliest the Outer Port Heiden Section can open is June 20, but in 2009 it did not open until June 24 because of low weir counts at Ilnik River. Weekly fishing periods in the Outer Port Heiden Section are scheduled from 6:00 AM Monday to 6:00 PM Wednesday and in 2009 this 2.5 days per week schedule was followed through July 27, when the section was closed to commercial salmon fishing in concert with Ilnik, Three Hills, and Bear River sections prior to the Bear River test fishery (Table 23). In 2009, a total of 107 permit holders harvested 762,643 sockeye salmon from the Outer Port Heiden Section (Table 2). The peak daily catch was on July 2 when 82 permit holders harvested 106,319 sockeye salmon (Table 29). The largest weekly harvest of 250,004 sockeye salmon occurred during the period June 28 to July 4 (Table 2; Figure 6).

Since re-opening in 2007, effort and harvest in the Outer Port Heiden Section has increased (Figure 10; Table 4). The increase in effort is a direct result of the redistribution of the Northern District fleet to the Outer Port Heiden Section and an increase in the number of permit holders fishing in the Northern District over the last three years. Despite the increase in effort and harvest, escapement into Meshik and Ilnik rivers has either met or exceeded their escapement goals in each of the years since 2007.

INNER PORT HEIDEN AND CINDER RIVER SECTIONS

As was the case in previous years, liberal fishing time was allowed in the Inner Port Heiden Section, but there was no effort or harvest in 2009. Fewer than three Area T permit holders fished in the Cinder River Section in 2009. No Area M permit holders fished in either the Inner Port Heiden or Cinder River sections (Table 30).

EMERGENCY ORDERS

In 2009, there were a total of 42 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 12. Emergency orders for North Alaska Peninsula fisheries were issued from the regional Fish and Game offices in Port Moller and Cold Bay in 2009.

REFERENCES CITED

- Honnold, S. G., M. J. Witteveen, I. Vining, H. Finkle, M. B. Foster, and J. J. Hasbrouck. 2007. Review of salmon escapement goals in the Alaska Peninsula Aleutian Islands Management Areas, 2006. Alaska Department of Fish and Game, Fishery Manuscript No. 07-02, Anchorage.
- Murphy, R. L. and T. Hartill. 2009. North Alaska Peninsula salmon management plan, 2009. Alaska Department of Fish and Game, Fishery Management Report No. 09-13, Anchorage.
- Murphy, R. L. and T. Hartill. 2009a. The North Alaska Peninsula salmon report to the Alaska Board of Fisheries, 2010. Alaska Department of Fish and Game, Fishery Management Report No. 09-53, Anchorage.
- Ramstad, K. 1998. Morphological, life history, and genetic comparison of early and late run sockeye salmon (*Oncorhynchus nerka*) of Bear Lake, Alaska. Master's Thesis, University of Washington, Seattle.
- Volk, E. C., M. D. Plotnick, and A. M. Carroll. 2009. Run forecasts and harvest projections for 2009 Alaska salmon fisheries and review of the 2008 season. Alaska Department of Fish and Game, Special Publication No. 09-07, Anchorage.
- Witteveen, M. J., H. Finkle, M. Loewen, M. B. Foster, and J.W. Erickson. 2009. Review of salmon escapement goals in the Alaska Peninsula and Aleutian Islands Management Areas; A Report to the Alaska Board of Fisheries, 2010. Alaska Department of Fish and Game, Fishery Manuscript No. 09-09, Anchorage.

TABLES AND FIGURES

Table 1.—North Peninsula salmon runs by species, 1962-2009.

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 4.

Year		Number of Salmon					Total
		Chinook	Sockeye	Coho	Pink	Chum	
1975	Catch	2,093	233,293	28,349	295	8,770	272,800
	Escapement ^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 4.

Year		Number of Salmon					Total
		Chinook	Sockeye	Coho	Pink	Chum	
1988	Catch	16,721	1,528,107	233,966	65,242	393,075	2,237,111
	Escapement ^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	

-continued-

Table 1.–Page 4 of 4.

		Number of Salmon					
Year		Chinook	Sockeye	Coho	Pink	Chum	Total
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 ^c	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 ^c	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 ^c	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 ^c	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 ^c	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 ^{c, f}	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 ^c	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 ^c	91,441	232,591	
	Total	15,996	3,361,001	274,296	366,524	338,585	
2009	Projected Catch	7,000	2,800,000	70,000	50,000	150,000	3,077,000
1999-2008 Average							
	Catch	5,824	2,113,043	63,241	35,434 ^d	95,572	2,311,099
	Escapement ^a	21,420	1,105,692	252,588	33,487 ^d	544,096	
	Total	27,244	3,218,735	320,115	68,922 ^d	639,669	

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 Averages for pink salmon include only the odd-numbered years 1999, 2001, 2003, 2005, and 2007.

^e Escapement estimates are a minimum count.

^f No surveys were conducted in the Northern District.

Table 2.—North Peninsula salmon harvest by species, week, and section, all gear combined, 2009.

Catch Dates	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Urilia Bay Section												
28 Jun-04 Jul	5	21	0	0	22,216	128,134	0	0	0	0	30	204
05 Jul-11 Jul	3	6	0	0	2,196	13,692	0	0	0	0	0	0
Total	6	27	0	0	24,412	141,826	0	0	0	0	30	204
Swanson Lagoon Section												
28 Jun-04 Jul	a	a	a	a	a	a	a	a	a	a	a	a
Total	a	a	a	a	a	a	a	a	a	a	a	a
Bechevin Bay Section												
21-Jun-27 Jun	a	a	a	a	a	a	a	a	a	a	a	a
26 Jul-01 Aug	4	4	0	0	0	0	0	0	55,584	164,949	1,263	10,649
02 Aug-08 Aug	4	12	0	0	3	14	0	0	89,550	297,766	1,560	11,149
09 Aug-15 Aug	4	12	0	0	286	1,792	50	380	90,395	288,430	7,299	54,360
16 Aug-22 Aug	5	18	0	0	732	4,396	0	0	38,981	131,882	20,036	148,075
23 Aug-29 Aug	a	a	a	a	a	a	a	a	a	a	a	a
30 Aug-05 Sep	a	a	a	a	a	a	a	a	a	a	a	a
Total	5	52	0	0	1,156	6,946	50	380	274,510	883,027	36,984	271,707
Izembek-Moffet Bay Section												
21-Jun-27 Jun	a	a	a	a	a	a	a	a	a	a	a	a
05 Jul-11 Jul	a	a	a	a	a	a	a	a	a	a	a	a
12 Jul-18 Jul	a	a	a	a	a	a	a	a	a	a	a	a
26 Jul-01 Aug	a	a	a	a	a	a	a	a	a	a	a	a
09 Aug-15 Aug	a	a	a	a	a	a	a	a	a	a	a	a
Total	3	13	0	0	10,869	66,870	0	0	343	1,035	17,155	122,480
Black Hills Section												
28-Jun-4 Jul	a	a	a	a	a	a	a	a	a	a	a	a
05 Jul-11 Jul	a	a	a	a	a	a	a	a	a	a	a	a
12 Jul-18 Jul	4	4	0	0	1,038	5,601	7	35	0	0	3	19

-continued-

Table 2.–Page 2 of 5.

Catch Dates	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
19 Jul-25 Jul	a	a	a	a	a	a	a	a	a	a	a	a
26 Jul-01 Aug	9	11	2	28	6,010	31,948	136	841	0	0	667	4,728
02 Aug-08 Aug	7	9	1	18	3,951	20,487	402	2,474	0	0	1,160	8,251
09 Aug-15 Aug	4	4	0	0	1,024	5,478	198	1,192	0	0	1,261	8,842
Total	11	34	23	371	14,712	78,636	743	4,542	0	0	3,167	22,378
Nelson Lagoon Section												
07 Jun-13 Jun	8	19	47	349	3,875	20,211	0	0	0	0	0	0
14 Jun-20 Jun	20	68	169	1,919	14,707	79,815	0	0	0	0	0	0
21-Jun-27 Jun	23	106	113	1,724	35,044	207,926	0	0	0	0	0	0
28 Jun-04 Jul	26	134	101	1,855	57,954	310,759	0	0	0	0	0	0
05 Jul-11 Jul	25	160	116	2,139	53,385	280,858	3	15	0	0	1	8
12 Jul-18 Jul	24	99	23	394	27,702	148,102	4	18	8	10	152	880
19 Jul-25 Jul	22	92	4	77	10,526	57,180	55	331	0	0	576	4,029
26 Jul-01 Aug	16	47	1	22	3,622	19,189	81	510	0	0	552	3,892
02 Aug-08 Aug	16	54	0	0	3,645	18,537	801	5,071	0	0	1,575	11,462
09 Aug-15 Aug	15	68	1	16	2,454	12,815	3,392	20,399	0	0	1,010	7,061
16 Aug-22 Aug	17	64	0	0	914	4,818	6,576	40,911	0	0	234	1,790
23 Aug-29 Aug	18	77	0	0	344	2,015	11,550	94,074	0	0	27	200
30 Aug-05 Sep	15	86	0	0	117	629	13,570	122,088	0	0	0	0
06 Sep-12 Sep	8	14	0	0	13	65	865	7,551	0	0	0	0
27 Sep-03 Oct	a	a	a	a	a	a	a	a	a	a	a	a
Total	33	1,089	575	8,495	214,302	1,162,919	37,060	292,089	8	10	4,127	29,322
Port Moller to Cape Seniavin												
(Includes Port Moller Bight and Bear River Sections)												
07 Jun-13 Jun	a	a	a	a	a	a	a	a	a	a	a	a
14 Jun-20 Jun	10	26	255	2,997	12,253	71,734	0	0	0	0	0	0
21-Jun-27 Jun	64	131	429	6,734	87,580	524,748	0	0	0	0	113	695
28 Jun-04 Jul	38	102	158	2,948	62,502	380,630	0	0	0	0	123	836
05 Jul-11 Jul	42	191	174	3,066	130,858	811,430	1	5	0	0	2,094	13,478
12 Jul-18 Jul	69	235	42	888	115,675	675,703	126	785	10	30	4,392	29,218
19 Jul-25 Jul	65	201	18	294	59,256	341,785	456	2,892	34	114	5,766	38,929

-continued-

Table 2.–Page 3 of 5.

Catch Dates	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
26 Jul-01 Aug	49	95	0	0	15,576	92,360	245	1,590	9	31	1,665	11,282
02 Aug-08 Aug	34	70	1	4	19,362	101,993	309	2,580	0	0	768	5,849
09 Aug-15 Aug	50	121	4	32	23,486	123,042	1,438	11,011	41	124	2,194	15,743
16 Aug-22 Aug	68	157	2	34	33,790	183,057	2,768	21,273	13	39	749	5,344
23 Aug-29 Aug	59	162	3	19	34,567	197,783	2,147	16,740	0	0	230	1,658
30 Aug-05 Sep	53	180	0	0	47,408	261,313	1,931	15,841	0	0	89	597
06 Sep-12 Sep	20	50	0	0	9,854	53,698	388	3,264	0	0	5	33
Total	131	1,729	1,194	18,571	652,873	3,823,066	9,809	75,981	107	338	18,189	123,667
<i>Cape Seniavin to Stroganof Point</i>												
<i>(Three Hills & Ilnik Sections Combined)</i>												
21-Jun-27 Jun	107	115	83	1,276	59,733	384,619	0	0	1	2	845	4,978
28 Jun-04 Jul	122	324	246	3,809	210,347	1,287,575	1	6	0	0	3,061	20,233
05 Jul-11 Jul	104	369	202	3,394	162,379	992,965	3	17	0	0	3,509	22,696
12 Jul-18 Jul	93	374	47	835	131,454	791,494	385	2,428	15	57	3,042	19,878
19 Jul-25 Jul	42	103	9	159	20,240	120,834	1,217	8,889	6	18	1,920	13,432
26 Jul-01 Aug	12	29	2	26	4,676	26,063	574	4,326	0	0	441	3,070
02 Aug-08 Aug	34	78	0	0	13,125	74,155	618	3,943	0	0	322	2,071
09 Aug-15 Aug	55	200	3	104	46,208	270,976	3,617	21,962	20	60	956	6,048
16 Aug-22 Aug	54	245	2	34	53,636	301,721	8,404	61,833	0	0	721	4,613
23 Aug-29 Aug	34	120	1	15	27,828	159,115	2,644	21,304	10	38	215	1,414
30 Aug-05 Sep	20	70	0	0	15,386	87,367	1,081	9,384	0	0	49	325
Total	128	2,027	595	9,652	745,012	4,496,884	18,544	134,092	52	175	15,081	98,758
<i>Port Moller to Stroganof Point</i>												
<i>(Port Moller Bight, Bear River, Three Hills, and Ilnik Sections Combined)</i>												
07 Jun-13 Jun	a	a	a	a	a	a	a	a	a	a	a	a
14 Jun-20 Jun	10	26	255	2,997	12,253	71,734	0	0	0	0	0	0
21-Jun-27 Jun	111	246	512	8,010	147,313	909,367	0	0	1	2	958	5,673
28 Jun-04 Jul	129	424	404	6,757	272,849	1,668,205	1	6	0	0	3,184	21,069
05 Jul-11 Jul	128	560	376	6,460	293,237	1,804,395	4	22	0	0	5,603	36,174
12 Jul-18 Jul	123	609	89	1,723	247,129	1,467,197	511	3,213	25	87	7,434	49,096
19 Jul-25 Jul	81	304	27	453	79,496	462,619	1,673	11,781	40	132	7,686	52,361

-continued-

Table 2.–Page 4 of 5.

Catch Dates	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
26 Jul-01 Aug	56	124	2	26	20,252	118,423	819	5,916	9	31	2,106	14,352
02 Aug-08 Aug	59	148	1	4	32,487	176,148	927	6,523	0	0	1,090	7,920
09 Aug-15 Aug	83	321	7	136	69,694	394,018	5,055	32,973	61	184	3,150	21,791
16 Aug-22 Aug	94	402	4	68	87,426	484,778	11,172	83,106	13	39	1,470	9,957
23 Aug-29 Aug	74	278	4	34	62,395	356,898	4,791	38,044	10	38	445	3,072
30 Aug-05 Sep	55	249	0	0	62,794	348,680	3,012	25,225	0	0	138	922
06 Sep-12 Sep	20	50	0	0	9,854	53,698	388	3,264	0	0	5	33
Total	134	3,747	1,789	28,223	1,397,885	8,319,950	28,353	210,073	159	513	33,270	222,425
<i>Outer Port Heiden Section</i>												
21-Jun-27 Jun	76	246	373	5,465	150,395	911,970	0	0	8	24	1,541	9,982
28 Jun-04 Jul	96	330	301	3,392	250,004	1,529,083	0	0	0	0	2,960	18,819
05 Jul-11 Jul	98	349	78	1,375	210,187	1,318,266	172	1,203	9	25	3,483	23,088
12 Jul-18 Jul	61	186	44	731	122,171	706,353	120	860	42	126	2,363	15,600
19 Jul-25 Jul	22	60	4	88	29,376	169,350	148	1,142	4	12	863	6,083
26 Jul-01 Aug	7	7	0	7	510	3,157	67	599	0	0	51	389
Total	107	1,178	800	11,058	762,643	4,638,179	507	3,804	63	187	11,261	73,961
<i>Cinder River Section</i>												
16 Aug-22 Aug	a	a	a	a	a	a	a	a	a	a	a	a
23 Aug-29 Aug	a	a	a	a	a	a	a	a	a	a	a	a
06 Sep-12 Sep	a	a	a	a	a	a	a	a	a	a	a	a
Total	2	6	0	0	0	0	888	6,691	0	0	0	0
<i>Entire North Peninsula</i>												
07 Jun-13 Jun	10	25	155	1,904	4,581	24,001	0	0	0	0	1	5
14 Jun-20 Jun	29	94	424	4,916	26,960	151,549	0	0	0	0	0	0
21-Jun-27 Jun	136	600	998	15,199	333,607	2,034,684	0	0	9	26	2,663	16,755
28 Jun-04 Jul	159	907	820	12,221	604,422	3,644,191	1	6	0	0	6,186	40,188
05 Jul-11 Jul	156	1,078	576	10,074	560,875	3,428,961	179	1,240	9	25	9,247	60,582
12 Jul-18 Jul	149	898	156	2,848	399,525	2,336,166	642	4,126	75	223	12,237	80,452
19 Jul-25 Jul	113	456	37	646	120,346	694,283	1,876	13,254	44	144	9,125	62,473
26 Jul-01 Aug	83	194	5	83	33,674	193,677	1,103	7,866	55,921	165,964	13,117	97,961

-continued-

Table 2.–Page 5 of 5.

Catch Dates	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
02 Aug-08 Aug	82	223	2	22	40,086	215,186	2,130	14,068	89,550	297,766	5,385	38,782
09 Aug-15 Aug	104	408	8	152	77,936	440,074	8,695	54,944	90,471	288,665	18,852	133,756
16 Aug-22 Aug	116	486	4	68	89,072	493,992	18,034	126,311	38,994	131,921	21,740	159,822
23 Aug-29 Aug	94	360	4	34	62,739	358,913	16,700	134,643	10	38	2,539	18,472
30 Aug-05 Sep	71	337	0	0	62,911	349,309	16,582	147,313	0	0	4,897	33,196
06 Sep-12 Sep	29	66	0	0	9,867	53,763	1,496	12,687	0	0	5	33
13 Sep-19 Sep	^a	^a	^a	^a	^a	^a	^a	^a	^a	^a	^a	^a
Total	166	6,133	3,189	48,167	2,426,601	14,418,749	67,601	517,579	275,083	884,772	105,994	742,477

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

^a Confidentiality requirements prohibit reporting the harvest.

Table 3.–Northern District Chinook salmon runs by section, 1962-2009.

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
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 ^c	0	500	300	3,000	0	5,100	1,300	11,000
	Total	800 ^c	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

-continued-

Table 3.–Page 2 of 6.

		Cinder River	Outer Port	Inner Port	Three Hills		Port Moller Bight &	Nelson		Northern
		Section	Heiden	Heiden	& Ilnik	Bear River	Herendeen Moller	Lagoon	Caribou Flats &	District
Year		Section	Section ^a	Section	Sections	Section	Bay Sections	Section ^b	Black Hills	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 ^d	0	4,200	4,000	13,700
	Total	1,100	0	12,940	41	843 ^d	745	7,550	4,000	27,219

-continued-

Table 3.–Page 3 of 6.

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 ^c	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 ^c	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 ^c	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

-continued-

Table 3.–Page 4 of 6.

		Cinder River	Outer Port	Inner Port	Three Hills		Port Moller Bight &	Nelson		Northern
		Section	Heiden	Heiden	& Ilnik	Bear River	Herendeen Moller	Lagoon	Caribou Flats &	District
Year			Section ^a	Section	Sections	Section	Bay Sections	Section ^b	Black Hills	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 ^c	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

-continued-

Table 3.–Page 5 of 6.

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 ^c	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

-continued-

Table 3.–Page 6 of 6.

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
1999-2008 Average										
	Catch	114	114	160	1,565	1,871	7	1,905	74	5,809
	Escapement ^c	4,175	0	5,795	41	3,043	0	5,077	3,309	21,440
	Total	4,289	114	5,955	1,606	4,914	7	6,982	3,383	27,249

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

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

^b Entire Nelson Lagoon watershed.

^c Escapements are estimated totals.

Table 4.—Northern District sockeye salmon runs in number of fish, 1962-2009.

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

-continued-

Table 4.–Page 2 of 7.

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

-continued-

Table 4.–Page 3 of 7.

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

-continued-

Table 4.–Page 4 of 7.

		Cinder River Section	Outer Port Heiden ^a	Inner Port Heiden	Ilnik	Three Hills	Bear River ^b	Combined Ilnik, Three Hills, & Bear R. Sections	Port Moller Bight & Herendeen- Moller Bay	Nelson Lagoon	Caribou Flats & Black Hills	Northern District Totals
34	1986 ^c Catch	3	686	38,042	560,339	588,501	938,177	2,087,017	1,294	178,401	2	2,305,445
	Escapement	25,700	0	26,400	66,800	100	279,400	346,300	300	117,900	2,300	518,900
	Total	25,703	686	64,442	627,139	588,601	1,217,577	2,433,317	1,594	296,301	2,302	2,824,345
	1987 ^c Catch	214	0	2,359	506,916	212,435	213,958	933,309	679	128,471	62	1,065,094
	Escapement	15,300	0	28,300	30,700	0	266,700	297,400	700	155,700	8,700	506,100
	Total	15,514	0	30,659	537,616	212,435	480,658	1,230,709	1,379	284,171	8,762	1,571,194
	1988 ^c Catch	43	647	9,951	494,616	258,982	494,951	1,248,549	3,850	186,616	0	1,449,656
	Escapement	2,000	0	35,900	26,900	0	347,500	374,400	400	142,500	6,900	562,100
	Total	2,043	647	45,851	521,516	258,982	842,451	1,622,949	4,250	329,116	6,900	2,011,756
	1989 ^c Catch	817	2,227	11,365	149,399	599,588	557,100	1,306,087	5,670	324,979	14,266	1,665,411
	Escapement	4,000	0	11,200	16,600	100	487,000	503,700	500	206,800	7,600	733,800
	Total	4,817	2,227	22,565	165,999	599,688	1,044,100	1,809,787	6,170	531,779	21,866	2,399,211
	1990 ^c Catch	1,246	0	9,701	753,030	189,870	876,248	1,819,148	4,250	410,417	13,265	2,258,027
	Escapement	14,000	0	26,800	35,700	100	564,300	600,100	400	269,200	5,700	916,200
	Total	15,246	0	36,501	788,730	189,970	1,440,548	2,419,248	4,650	679,617	18,965	3,174,227
	1991 ^c Catch	296	0	5,439	610,975	253,880	1,044,660	1,909,515	4,587	273,960	16,382	2,210,179
	Escapement	47,400	0	26,500	135,000	200	681,200	816,400	500 ^d	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 ^d	553,160	25,382	3,389,179
	1992 ^c Catch	4,472	0	8,023	740,992	959,223	1,398,253	3,098,468	5,911	378,706	878	3,496,458
	Escapement	15,200	0	33,100	45,100	0	471,200	516,300	200	179,700	16,600	761,100
	Total	19,672	0	41,123	786,092	959,223	1,869,453	3,614,768	6,111	558,406	17,478	4,257,558
	1993 ^c Catch	8,903	0	518	868,790	411,277	2,041,716	3,321,783	10,045	452,842	4,005	3,798,096
	Escapement	20,000 ^e	0	50,000 ^e	70,000	300	501,900	572,200	400	267,200	10,200	920,000
	Total	28,903	0	50,518 ^e	938,790	411,577	2,543,616	3,893,983	10,445	720,042	14,205	4,718,096

-continued-

Table 4.–Page 5 of 7.

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

-continued-

Table 4.–Page 6 of 7.

		Cinder River Section	Outer Port Heiden ^a	Inner Port Heiden	Ilnik	Three Hills	Bear River ^b	Combined Ilnik, Three Hills, & Bear R. Sections	Port Moller Bight & Herendeen- Moller Bay	Nelson Lagoon	Caribou Flats & Black Hills	Northern District Totals
36	2002 ^c Catch	1,548	0	111	121,054	251,377	596,270	968,701	1,022	325,904	35,744	1,333,030
	Escapement	11,500	0	54,100	43,000	650	275,000	318,650	1,500	338,400	12,000	736,150
	Total	13,048	0	54,211	164,054	252,027	871,270	1,287,351	2,522	664,304	47,744	2,069,180
	2003 ^c Catch	2,775	0	0	267,495	238,674	491,857	998,026	44	373,252	40,126	1,414,223
	Escapement	102,700	0	114,000	69,000	300	432,000	501,300	500	364,211	11,100	1,093,811
	Total	105,475	0	114,000	336,495	238,974	923,857	1,499,326	544	737,463	51,226	2,508,034
	2004 ^c Catch	0	0	0	1,115,036	63,935	611,147	1,790,118	0	527,637	17,604	2,335,359
	Escapement	58,050	0	103,700	82,000	600	467,000	549,600	2,250	515,397	17,900	1,246,897
	Total	58,050	0	103,700	1,197,036	64,535	1,078,147	2,339,718	2,250	1,043,034	35,504	3,582,256
	2005 ^c Catch	116	0	1,835	1,370,001	193,621	1,030,989	2,594,611	12	334,702	9,971	2,941,247
	Escapement	141,000	0	113,100	154,000	5,700	655,300	815,000	500	303,000	47,500	1,420,100
	Total	141,116	0	114,935	1,524,001	199,321	1,686,289	3,409,611	512	637,702	57,471	4,361,347
	2006 ^c Catch	0	0	1,151	1,317,901	153,343	576,552	2,047,796	0	255,265	8,430	2,312,642
	Escapement	101,100	0	142,610	88,000	1,800	493,000	582,800	3,000	226,000	7,530	1,063,040
	Total	101,100	0	143,761	1,405,901	155,143	1,069,552	2,630,596	3,000	481,265	15,960	3,375,682
	2007 ^c Catch	0	387,786	842	1,776,430	234,930	617,402	2,628,762	206	337,556	4,273	3,359,425
	Escapement	142,000	0	58,500	93,000	1,500	475,702	570,202	3,100	187,000	16,800	977,602
	Total	142,000	387,786	59,342	1,869,430	236,430	1,093,104	3,198,964	3,306	524,556	21,073	4,337,027
	2008 ^c Catch	0	320,857	1,574	885,634	123,344	417,261	1,426,239	128	183,330	20,332	1,952,460
	Escapement	129,800	0	86,250	44,300	2,000	353,200	399,500	1,220	178,600	44,000	839,370
	Total	129,800	320,857	87,824	929,934	125,344	770,461	1,825,739	1,348	361,930	64,332	2,791,830

-continued-

Table 4.–Page 7 of 7.

Year	Cinder River Section	Outer Port Heiden ^a	Inner Port Heiden	Ilnik	Three Hills	Bear River ^b	Combined Ilnik, Three Hills, & Bear R. Sections	Port Moller Bight & Herendeen-Moller Bay	Nelson Lagoon	Caribou Flats & Black Hills	Northern District Totals
2009 ^c Catch	0	762,643	0	651,624	93,388	652,873	1,397,885	0	214,302	14,712	2,389,542
Escapement	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
1999-2008 Average ^c											
Catch	3,691	70,864	646	844,547	202,881	590,020	1,637,448	987	294,300	19,202	2,027,138
Escapement	78,255	0	104,786	80,230	1,295	418,520	500,045	1,557	272,571	18,513	975,727
Total	81,946	70,864	105,432	924,777	204,176	1,008,540	2,137,493	2,544	566,870	37,715	3,002,865

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

^a Outer Port Heiden Section catches occurred only between 1986 and 1989. This section was closed between 1990 and 2006.

^b Escapement includes all sockeye systems, mainly Bear and Sandy Rivers combined with post weir estimates.

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

^d Ilnik Section and Three Hills Section combined.

^e These figuresd are extrapolated estimates.

Table 5.–Port Moller Bight, Bear River, Three Hills, and Ilnik sections combined salmon harvest by species and day, 2009.

Catch Date	Permits	Landings	Number of Fish				
			Chinook	Sockeye	Coho	Pink	Chum
Prior to 8-Jun	0	0	0	0	0	0	0
8-Jun ^a							
9-Jun ^a							
10-Jun ^a							
11-Jun to 14-Jun ^b							
15-Jun	8	8	109	3,129	0	0	0
16-Jun	9	9	112	5,617	0	0	0
17-Jun	9	9	34	3,507	0	0	0
18-Jun to 21-Jun ^b							
22-Jun	45	47	155	34,746	0	0	33
23-Jun	45	51	169	28,740	0	0	33
24-Jun	28	33	105	24,094	0	0	47
25-Jun to 26-Jun ^b							
27-Jun	107	115	83	59,733	0	1	845
28-Jun	93	107	89	71,462	0	0	1,051
29-Jun	120	137	119	106,769	1	0	1,386
30-Jun to 1-Jul ^b							
2-Jul	32	37	51	15,704	0	0	39
3-Jul	31	36	48	18,393	0	0	25
4-Jul	100	107	97	60,521	0	0	683
5-Jul	100	120	126	80,297	1	0	1,281
6-Jul	120	134	101	65,218	0	0	955
7-Jul	93	98	57	39,931	0	0	693
8-Jul	23	24	24	14,986	0	0	232
9-Jul	26	27	34	25,174	0	0	454
10-Jul	28	29	15	27,125	0	0	781
11-Jul	118	128	19	40,506	3	0	1,207
12-Jul	89	93	17	27,689	0	3	795
13-Jul	110	111	19	33,147	3	0	917
14-Jul	57	64	11	36,486	35	0	756
15-Jul	60	68	8	49,671	114	18	1,139
16-Jul	74	84	8	43,247	103	0	1,236
17-Jul	102	110	20	30,018	82	0	1,385
18-Jul	77	79	6	26,871	174	4	1,206
18-Jul ^b							
20-Jul	57	57	3	18,150	35	23	1,393
21-Jul	55	62	6	16,976	186	11	1,114
22-Jul	39	42	5	10,886	220	0	960
23-Jul	27	28	4	8,103	177	6	1,422
24-Jul	55	55	3	13,997	580	0	1,556
25-Jul	57	60	6	11,384	475	0	1,241
26-Jul	44	45	0	7,470	430	4	867
27-Jul	45	48	2	6,006	247	5	661

-continued-

Table 5.–Page 2 of 2.

Catch Date	Permits	Landings	Number of Fish				
			Chinook	Sockeye	Coho	Pink	Chum
28-Jul	28	31	0	6,776	142	0	578
29-Jul to 5-Aug ^b							
6-Aug	44	45	0	8,246	169	0	242
7-Aug	49	50	1	11,251	461	0	317
8-Aug	52	53	0	12,990	297	0	531
9-Aug	47	48	2	10,550	424	0	638
10-Aug	42	42	0	8,883	716	20	410
11-Aug	37	38	1	10,301	640	13	286
12-Aug	45	45	2	9,644	469	12	1,064
13-Aug	39	43	1	9,434	888	9	224
14-Aug	37	37	1	8,907	743	0	193
15-Aug	68	68	0	11,975	1,175	7	335
16-Aug	59	60	1	8,147	923	3	196
17-Aug	59	59	2	9,005	2,072	2	146
18-Aug	61	61	0	10,437	1,861	0	230
19-Aug	39	40	0	8,644	1,431	0	129
20-Aug	42	42	0	11,067	1,626	1	192
21-Aug	75	88	0	29,058	2,417	7	408
22-Aug	51	52	1	11,068	842	0	169
23-Aug	37	37	0	12,651	708	0	92
24-Aug	54	55	2	15,279	926	0	118
25-Aug	60	61	1	12,986	1,005	0	98
26-Aug	55	58	0	9,602	999	0	85
27-Aug	46	53	1	8,519	899	10	42
28-Aug	9	9	0	1,543	198	0	7
29-Aug	5	5	0	1,815	56	0	3
30-Aug	25	26	0	9,465	283	0	18
31-Aug	38	39	0	5,190	273	0	8
1-Sep	33	35	0	10,631	385	0	19
2-Sep	40	40	0	11,449	633	0	27
3-Sep	38	40	0	10,776	629	0	33
4-Sep	35	37	0	8,685	477	0	17
5-Sep	30	32	0	6,598	332	0	16
6-Sep	13	13	0	3,211	143	0	2
7-Sep	16	18	0	2,296	69	0	1
8-Sep	10	10	0	2,944	118	0	2
9-Sep	7	9	0	1,403	58	0	0

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.

Table 6.—North Peninsula coho salmon harvest in number of fish by district and section, 1999-2009.

Section	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	1999-2008 Average
Northwestern District												
Dublin Bay	0	0	0	0	0	0	0	0	0	0	0	0
Urilia Bay	1,686	5,601	0	0	0	0	0	0	0	0	0	729
Swanson Lagoon	486	27	0	0	0	0	0	23	10	0	0	55
Bechevin Bay ^a	30	0	0	0	0	0	0	109	3	41	50	18
Izembek - Moffet Bay ^a	0	0	23	25	37	15	901	92	142	1	0	124
Northwestern District Total	2,202	5,628	23	25	37	15	901	224	155	42	50	925
Northern District												
Black Hills	250	259	86	335	423	356	78	140	71	2,419	743	442
Caribou Flats	0	0	0	0	0	0	0	0	0	0	0	0
Nelson Lagoon	8,536	25,017	2,918	6,712	30,620	29,879	46,486	66,874	47,647	54,282	37,060	31,897
Herendeen - Moller Bay ^b	297	19	42	29	7	0	0	0	41	1	0	44
Bear River	14,029	10,111	10,031	13,080	10,379	1,743	9,046	11,580	9,076	33,400	9,809	12,248
Three Hills	9,298	5,630	3,135	5,863	3,982	944	2,177	4,422	4,111	10,646	6,862	5,021
Ilnik	17,468	12,584	4,488	2,387	5,617	649	7,870	10,715	7,281	24,428	11,682	9,349
Inner Port Heiden	835	11,623	0	0	0	0	0	0	0	0	0	1,246
Outer Port Heiden	0	0	0	0	0	0	0	0	628	19	507	65
Cinder River	992	12,784	1,439	320	2,072	334	2,122	0	0	0	888	2,006
Northern District Total	51,705	78,027	22,139	28,726	53,100	33,905	67,779	93,731	68,855	125,195	67,551	62,316
North Peninsula Total	53,907	83,655	22,162	28,751	53,137	33,920	68,680	93,955	69,010	125,237	67,601	63,241

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 Includes Port Moller Bight Section.

Table 7.–Northwestern District pink salmon runs in number of fish, 1962-2009.

Year		Izembek - Moffet Bay ^a	Dublin, Uria, & Bechevin bays & Swanson Lagoon ^a	Northwestern District Total ^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

-continued-

Table 7.–Page 2 of 5.

Year		Izembek - Moffet Bay ^a	Dublin, Urilia, & Bechevin bays & Swanson Lagoon ^a	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

-continued-

Table 7.–Page 3 of 5.

Year		Izembek - Moffet Bay ^a	Dublin, Urilia, & Bechevin bays & Swanson Lagoon ^a	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

-continued-

Table 7.–Page 4 of 5.

Year		Izembek - Moffet Bay ^a	Dublin, Urilia, & Bechevin bays & Swanson Lagoon ^a	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

-continued-

Table 7.–Page 5 of 5.

Year		Izembek - Moffet Bay ^a	Dublin, Uria, & Bechevin bays & Swanson Lagoon ^a	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
1999-2008 Average ^d				
	Catch	1,489	27,510	29,000
	Escapement ^c	854	8,484	9,338
	Total	2,343	35,994	38,337

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.

^d Averages include only the odd-numbered years 1999, 2001, 2003, 2005, and 2007.

Table 8.—Northern District chum salmon runs in number of fish, 1962-2009.

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

-continued-

Table 8.–Page 2 of 6.

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

-continued-

Table 8.—Page 3 of 6.

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 ^c	27,200	85,000	57,000	11,000 ^b	276,400
	Total	11,800 ^b	0	73,627 ^b	18,148 ^c	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

-continued-

Table 8.–Page 4 of 6.

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

-continued-

Table 8.–Page 5 of 6.

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

- continued -

Table 8.–Page 6 of 6.

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	0	21,200	40,852	38,608	179,150	8,507	1,960	320,777
2008	Catch	0	2,594	0	6,537	3,201	40,722	3,321	16,849	73,224
	Escapement ^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
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
1999-2008 Average										
	Catch	3	1,015	11	17,418	13,535	5,963	5,559	5,090	48,594
	Escapement ^a	12,511	0	40,065	3,291	8,302	170,046	11,407	4,301	249,924
	Total	12,514	259	40,076	20,710	21,837	176,009	16,966	9,391	297,761

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.

Table 9.—Northwestern District chum salmon runs in number of fish, 1962-2009.

Year		Izembek - Moffet Bay ^a	Swanson Lagoon, Bechevin, & Uria Bays ^a	Northwestern District Total ^b
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

-continued-

Table 9.–Page 2 of 5.

Year		Izembek - Moffet Bay ^a	Swanson Lagoon, Bechevin, & Uria Bays ^a	Northwestern District Total ^b
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

-continued-

Table 9.–Page 3 of 5.

Year		Izembek - Moffet Bay ^a	Swanson Lagoon, Bechevin, & Uria Bays ^a	Northwestern District Total ^b
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

-continued-

Table 9.–Page 4 of 5.

Year		Izembek - Moffet Bay ^a	Swanson Lagoon, Bechevin, & Uria Bays ^a	Northwestern District Total ^b
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

-continued-

Table 9.–Page 5 of 5.

Year		Izembek - Moffet Bay ^a	Swanson Lagoon, Bechevin, & Uria Bays ^a	Northwestern District Total ^b
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
1999-2008 Average				
	Catch	30,983	15,995	46,978
	Escapement ^c	229,663	57,330	286,993
	Total	260,645	73,325	333,971

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 rounded indexed totals.

Table 10.–Chinook, pink, chum, and coho salmon daily and cumulative escapement counts through the Nelson River weir, 2009.

Date	Daily				Cumulative			
	Chinook	Pink	Chum	Coho	Chinook	Pink	Chum	Coho
12-Jun	0	0	0	0	0	0	0	0
13-Jun	4	0	0	0	4	0	0	0
14-Jun	11	0	0	0	15	0	0	0
15-Jun	5	0	0	0	20	0	0	0
16-Jun	2	0	0	0	22	0	0	0
17-Jun	21	0	0	0	43	0	0	0
18-Jun	50	0	0	0	93	0	0	0
19-Jun	72	0	0	0	165	0	0	0
20-Jun	62	0	0	0	227	0	0	0
21-Jun	61	0	0	0	288	0	0	0
22-Jun	66	0	0	0	354	0	0	0
23-Jun	21	0	0	0	375	0	0	0
24-Jun	174	0	0	0	549	0	0	0
25-Jun	39	0	0	0	588	0	0	0
26-Jun	52	0	0	0	640	0	0	0
27-Jun	13	0	0	0	653	0	0	0
28-Jun	24	1	1	0	677	1	1	0
29-Jun	27	0	0	0	704	1	1	0
30-Jun	9	0	0	0	713	1	1	0
1-Jul	22	1	0	0	735	2	1	0
2-Jul	16	0	0	0	751	2	1	0
3-Jul	17	0	0	0	768	2	1	0
4-Jul	44	0	0	0	812	2	1	0
5-Jul	125	0	0	0	937	2	1	0
6-Jul	20	0	0	0	957	2	1	0
7-Jul	0	1	0	0	957	3	1	0
8-Jul	1	1	0	0	958	4	1	0
9-Jul	17	0	0	0	975	4	1	0
10-Jul	3	0	1	0	978	4	2	0
11-Jul	9	0	0	0	987	4	2	0
12-Jul	22	0	5	0	1,009	4	7	0
13-Jul	9	1	1	0	1,018	5	8	0
14-Jul	1	0	0	0	1,019	5	8	0
15-Jul	1	1	4	0	1,020	6	12	0
16-Jul	4	4	2	0	1,024	10	14	0
17-Jul	1	3	5	0	1,025	13	19	0
18-Jul	11	0	6	0	1,036	13	25	0
19-Jul	12	2	0	0	1,048	15	25	0
20-Jul	41	17	113	0	1,089	32	138	0
21-Jul	0	4	18	0	1,089	36	156	0
22-Jul	17	10	76	0	1,106	46	232	0
23-Jul	7	12	45	0	1,113	58	277	0
24-Jul	0	5	10	0	1,113	63	287	0
25-Jul	105	4	84	0	1,218	67	371	0
26-Jul	30	1	128	0	1,248	68	499	0

Table 11.—Chinook, pink, chum, and coho salmon daily and cumulative escapement counts through the Bear River weir, 2009.

Date	Daily				Cumulative			
	Chinook	Pink	Chum	Coho	Chinook	Pink	Chum	Coho
Prior to 1-Jul	1	0	0	0	1	0	0	0
1-Jul	1	1	0	0	2	1	0	0
2-Jul	0	2	0	0	2	3	0	0
3-Jul	0	2	0	0	2	5	0	0
4-Jul	0	7	0	0	2	12	0	0
5-Jul	0	5	0	0	2	17	0	0
6-Jul	0	3	0	0	2	20	0	0
7-Jul	0	3	0	0	2	23	0	0
8-Jul	0	0	0	0	2	23	0	0
9-Jul	0	1	0	0	2	24	0	0
10-Jul	0	3	0	0	2	27	0	0
11-Jul	0	2	0	0	2	29	0	0
12-Jul	0	0	0	0	2	29	0	0
13-Jul	3	7	0	0	5	36	0	0
14-Jul	2	6	0	0	7	42	0	0
15-Jul	0	9	0	0	7	51	0	0
16-Jul	0	11	0	0	7	62	0	0
17-Jul	0	25	0	0	7	87	0	0
18-Jul	0	14	0	0	7	101	0	0
19-Jul	0	11	0	0	7	112	0	0
20-Jul	1	16	0	0	8	128	0	0
21-Jul	0	8	0	0	8	136	0	0
22-Jul	0	2	0	0	8	138	0	0
23-Jul	1	2	0	0	9	140	0	0
24-Jul	0	20	0	0	9	160	0	0
25-Jul	0	14	1	0	9	174	1	0
26-Jul	0	17	0	0	9	191	1	0
27-Jul	1	15	0	0	10	206	1	0
28-Jul	0	8	0	0	10	214	1	0
29-Jul	0	3	0	0	10	217	1	0
30-Jul	0	16	0	0	10	233	1	0
31-Jul	0	25	0	0	10	258	1	0
1-Aug	0	33	6	0	10	291	7	0
2-Aug	1	14	0	0	11	305	7	0
3-Aug	0	6	0	0	11	311	7	0
4-Aug	0	25	1	0	11	336	8	0
5-Aug	0	8	2	0	11	344	10	0
6-Aug	2	12	0	0	13	356	10	0
7-Aug	0	21	0	0	13	377	10	0
8-Aug	1	9	3	0	14	386	13	0
9-Aug	3	104	6	0	17	490	19	0
10-Aug	0	51	6	0	17	541	25	0
11-Aug	1	45	7	0	18	586	32	0
12-Aug	2	34	7	0	20	620	39	0
13-Aug	1	17	4	0	21	637	43	0
14-Aug	1	12	2	0	22	649	45	0

-continued-

Table 11.–Page 2 of 2.

Date	Daily				Cumulative			
	Chinook	Pink	Chum	Coho	Chinook	Pink	Chum	Coho
15-Aug	0	15	4	0	22	664	49	0
16-Aug	1	26	10	0	23	690	59	0
17-Aug	0	27	15	0	23	717	74	0
18-Aug	0	18	4	0	23	735	78	0
19-Aug	0	19	10	0	23	754	88	0
20-Aug	1	31	10	0	24	785	98	0
21-Aug	0	27	6	0	24	812	104	0
22-Aug	0	15	10	0	24	827	114	0
23-Aug	0	5	1	0	24	832	115	0
24-Aug	1	18	5	0	25	850	120	0
25-Aug	0	13	3	0	25	863	123	0
26-Aug	0	17	9	0	25	880	132	0

Table 12.–Chinook, pink, chum, and coho salmon daily and cumulative escapement counts through the Sandy River weir, 2009.

Date	Daily				Cumulative			
	Chinook	Pink	Chum	Coho	Chinook	Pink	Chum	Coho
30-Jun	0	0	0	0	0	0	0	0
1-Jul	1	0	0	0	1	0	0	0
2-Jul	2	0	0	0	3	0	0	0
3-Jul	1	0	0	0	4	0	0	0
4-Jul	1	0	0	0	5	0	0	0
5-Jul	6	0	0	0	11	0	0	0
6-Jul	18	0	0	0	29	0	0	0
7-Jul	24	0	0	0	53	0	0	0
8-Jul	4	0	0	0	57	0	0	0
9-Jul	3	5	0	0	60	5	0	0
10-Jul	1	2	0	0	61	7	0	0
11-Jul	16	7	0	0	77	14	0	0
12-Jul	21	4	0	0	98	18	0	0
13-Jul	20	2	0	0	118	20	0	0
14-Jul	2	1	0	0	120	21	0	0
15-Jul	1	0	0	0	121	21	0	0
16-Jul	2	0	0	0	123	21	0	0
17-Jul	3	0	0	0	126	21	0	0
18-Jul	1	0	2	0	127	21	2	0
19-Jul	2	1	0	0	129	22	2	0
20-Jul	6	2	0	0	135	24	2	0
21-Jul	0	0	0	0	135	24	2	0
22-Jul	7	10	1	0	142	34	3	0
23-Jul	0	3	1	0	142	37	4	0
24-Jul	4	5	2	0	146	42	6	0
25-Jul	0	12	3	0	146	54	9	0

Table 13.–Chinook, pink, chum, and coho salmon daily and cumulative escapement counts through the Ilnik River weir, 2009.

Date	Daily				Cumulative			
	Chinook	Pink	Chum	Coho	Chinook	Pink	Chum	Coho
20-Jun	0	0	0	0	0	0	0	0
21-Jun	2	8	0	0	2	8	0	0
22-Jun	0	1	0	0	2	9	0	0
23-Jun	0	7	0	0	2	16	0	0
24-Jun	0	1	0	0	2	17	0	0
25-Jun	0	0	0	0	2	17	0	0
26-Jun	0	2	0	0	2	19	0	0
27-Jun	0	0	0	0	2	19	0	0
28-Jun	0	0	0	0	2	19	0	0
29-Jun	0	0	0	0	2	19	0	0
30-Jun	0	2	0	0	2	21	0	0
1-Jul	0	0	0	0	2	21	0	0
2-Jul	0	0	0	0	2	21	0	0
3-Jul	0	1	0	0	2	22	0	0
4-Jul	0	0	0	0	2	22	0	0
5-Jul	1	0	0	0	3	22	0	0
6-Jul	0	0	0	0	3	22	0	0
7-Jul	1	2	0	0	4	24	0	0
8-Jul	0	0	0	0	4	24	0	0
9-Jul	1	1	0	0	5	25	0	0
10-Jul	2	3	0	0	7	28	0	0
11-Jul	0	1	0	0	7	29	0	0
12-Jul	1	5	0	0	8	34	0	0
13-Jul	1	6	0	0	9	40	0	0
14-Jul	0	2	0	0	9	42	0	0
15-Jul	1	6	0	0	10	48	0	0
16-Jul	1	2	0	0	11	50	0	0
17-Jul	0	0	0	0	11	50	0	0
18-Jul	0	0	0	0	11	50	0	0
19-Jul	2	4	0	0	13	54	0	0
20-Jul	0	2	0	0	13	56	0	0

Table 14.—Historical North Alaska Peninsula sockeye salmon escapements and escapement goals for systems with weirs, 1986-2009.

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	Goal	Escapement ^d	Goal
1986			272,500						22,900		25,700	
1987			258,000						26,300		15,300	
1988			310,000						27,000		2,000	
1989	193,300		451,000						5,700		4,000	
1990	240,700		546,800						22,550		14,000	
1991	268,400		606,000				135,000		19,600		39,300	
1992	162,300		450,000				45,000		21,100		15,200	
1993	207,200		452,000				70,000		50,000		20,000	
1994	325,300		465,000	200,000	115,000		75,000		31,900		83,400	
1995	329,400	100,000	305,000	to	125,000		39,000		67,600		47,500	
1996	250,500	to	367,000	250,000	64,000		62,000		50,000	10,000	60,000	6,000
1997	183,100	150,000	360,000		38,000		82,000		40,000	to	33,000	to
1998	159,800		415,000		52,000		50,000		51,400	20,000	57,000	12,000
1999	202,067		350,000		58,000	40,000	75,000	40,000	62,200		12,400	
2000	182,700		275,000		40,000	to	95,000	to	157,700		51,000	
2001	201,962		300,000		51,000	60,000	58,000	60,000	100,500		24,950	
2002	315,693		275,000		49,000		43,000		47,250		11,500	
2003	343,511		366,000		66,000		69,000		94,000		88,700	
2004	480,097		435,000		32,000		82,000		82,200		55,050	
2005	303,000	97,000	554,000	293,000	101,000		154,000		96,100		96,000	
2006	215,000	to	445,000	to	48,000		88,000		114,010		52,100	
2007	180,000	219,000	431,000	488,000	44,700		93,000		45,500		123,000	
2008	141,600		321,000		32,200	34,000 to 74,000	44,300		61,250		96,800	
2009	157,000		349,500		36,000		66,000		63,500		102,600	
1999-2008 Avg	256,563		375,200		52,190		80,130		86,071		61,150	

^a Does not include David or Caribou Rivers.

^b Estimates are based on weir counts added to post weir escapement estimates. Only those years when weirs were present are included in the table.

^c From 2005-2009, the Ocean River did not flow into Ilnik Lagoon. The Ocean River escapement of 24,000 sockeye salmon was added to Ilnik River weir count in 2005, 13,000 fish added in 2006, 14,000 in 2007, 16,000 in 2008, and 16,000 in 2009.

^d Escapement is based on aerial surveys.

Table 15.—Sockeye salmon daily and cumulative escapement counts through the Nelson River weir, 2009.

Date	Daily			Cumulative			Daily Percent		Cumulative Percent		
	Adults	Jacks	Total	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total
31-May to 8 Jun	0	0	0	0	0	0	-	-	0.0	0.0	0.0
9-Jun	35	0	35	35	0	35	100.0	0.0	0.0	0.0	0.0
10-Jun	36	0	36	71	0	71	100.0	0.0	0.0	0.0	0.0
11-Jun	6	0	6	77	0	77	100.0	0.0	0.1	0.0	0.0
12-Jun	0	0	0	77	0	77	-	-	0.1	0.0	0.0
13-Jun	22	0	22	99	0	99	100.0	0.0	0.1	0.0	0.1
14-Jun	641	8	649	740	8	748	98.8	1.2	0.5	0.9	0.5
15-Jun	821	1	822	1,561	9	1,570	99.9	0.1	1.0	1.0	1.0
16-Jun	1,466	2	1,468	3,027	11	3,038	99.9	0.1	2.0	1.2	2.0
17-Jun	1,280	3	1,283	4,307	14	4,321	99.8	0.2	2.8	1.5	2.8
18-Jun	1,498	7	1,505	5,805	21	5,826	99.5	0.5	3.8	2.3	3.8
19-Jun	1,328	4	1,332	7,133	25	7,158	99.7	0.3	4.6	2.7	4.6
20-Jun	1,561	2	1,563	8,694	27	8,721	99.9	0.1	5.6	2.9	5.6
21-Jun	2,694	5	2,699	11,388	32	11,420	99.8	0.2	7.4	3.5	7.4
22-Jun	2,043	5	2,048	13,431	37	13,468	99.8	0.2	8.7	4.0	8.7
23-Jun	4,421	110	4,531	17,852	147	17,999	97.6	2.4	11.6	15.9	11.6
24-Jun	5,512	33	5,545	23,364	180	23,544	99.4	0.6	15.2	19.4	15.2
25-Jun	2,479	6	2,485	25,843	186	26,029	99.8	0.2	16.8	20.1	16.8
26-Jun	4,486	14	4,500	30,329	200	30,529	99.7	0.3	19.7	21.6	19.7
27-Jun	1,848	7	1,855	32,177	207	32,384	99.6	0.4	20.9	22.3	20.9
28-Jun	7,136	24	7,160	39,313	231	39,544	99.7	0.3	25.5	24.9	25.5
29-Jun	8,941	31	8,972	48,254	262	48,516	99.7	0.3	31.4	28.3	31.3
30-Jun	7,972	27	7,999	56,226	289	56,515	99.7	0.3	36.5	31.2	36.5
1-Jul	6,488	29	6,517	62,714	318	63,032	99.6	0.4	40.8	34.3	40.7
2-Jul	6,594	23	6,617	69,308	341	69,649	99.7	0.3	45.0	36.8	45.0
3-Jul	9,319	36	9,355	78,627	377	79,004	99.6	0.4	51.1	40.7	51.0
4-Jul	7,564	40	7,604	86,191	417	86,608	99.5	0.5	56.0	45.0	55.9
5-Jul	6,858	35	6,893	93,049	452	93,501	99.5	0.5	60.5	48.8	60.4
6-Jul	8,851	53	8,904	101,900	505	102,405	99.4	0.6	66.2	54.5	66.2
7-Jul	4,342	35	4,377	106,242	540	106,782	99.2	0.8	69.0	58.3	69.0

-continued-

Table 15.–Page 2 of 2.

Date	Daily			Cumulative			Daily Percent		Cumulative Percent		
	Adults	Jacks	Total	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total
8-Jul	4,058	40	4,098	110,300	580	110,880	99.0	1.0	71.7	62.6	71.6
9-Jul	2,990	27	3,017	113,290	607	113,897	99.1	0.9	73.6	65.5	73.6
10-Jul	1,531	8	1,539	114,821	615	115,436	99.5	0.5	74.6	66.3	74.6
11-Jul	5,535	42	5,577	120,356	657	121,013	99.2	0.8	78.2	70.9	78.2
12-Jul	2,827	15	2,842	123,183	672	123,855	99.5	0.5	80.1	72.5	80.0
13-Jul	5,926	33	5,959	129,109	705	129,814	99.4	0.6	83.9	76.1	83.9
14-Jul	2,886	15	2,901	131,995	720	132,715	99.5	0.5	85.8	77.7	85.7
15-Jul	2,584	23	2,607	134,579	743	135,322	99.1	0.9	87.5	80.2	87.4
16-Jul	3,726	36	3,762	138,305	779	139,084	99.0	1.0	89.9	84.0	89.8
17-Jul	2,188	38	2,226	140,493	817	141,310	98.3	1.7	91.3	88.1	91.3
18-Jul	1,897	24	1,921	142,390	841	143,231	98.8	1.2	92.5	90.7	92.5
19-Jul	770	9	779	143,160	850	144,010	98.8	1.2	93.0	91.7	93.0
20-Jul	2,867	27	2,894	146,027	877	146,904	99.1	0.9	94.9	94.6	94.9
21-Jul	1,103	6	1,109	147,130	883	148,013	99.5	0.5	95.6	95.3	95.6
22-Jul	1,633	15	1,648	148,763	898	149,661	99.1	0.9	96.7	96.9	96.7
23-Jul	2,300	13	2,313	151,063	911	151,974	99.4	0.6	98.2	98.3	98.2
24-Jul	916	5	921	151,979	916	152,895	99.5	0.5	98.8	98.8	98.8
25-Jul	1,358	8	1,366	153,337	924	154,261	99.4	0.6	99.6	99.7	99.6
26-Jul	542	3	545	153,879	927	154,806	99.4	0.6	100.0	100.0	100.0
27-Jul	Weir removed										
Total	153,879	927	154,806								
Post-weir sockeye escapement estimate:			2,194 ^a								
Estimated total sockeye escapement:			157,000								

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

Table 16.—Bear River sockeye salmon early and late run escapement, late run commercial catch, and total Bear River late run by year, 1986-2009.

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
1999-2008 Average	227,091	148,109	428,484	576,594

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

^a Bear River escapement prior to August 1.

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

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

^d Bear River escapement with post-weir estimate, and Port Moller to Stroganof Point catch, post July 31.

Table 17.—Sockeye salmon daily and cumulative escapement counts through the Bear River weir, 2009.

Date	Daily			Cumulative			Daily Percent		Cumulative Percent		
	Adults	Jacks	Total	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total
31-May	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
1-Jun	6	0	6	6	0	6	100.0	0.0	0.0	0.0	0.0
2-Jun	7	0	7	13	0	13	100.0	0.0	0.0	0.0	0.0
3-Jun	0	0	0	13	0	13	0.0	0.0	0.0	0.0	0.0
4-Jun	0	0	0	13	0	13	0.0	0.0	0.0	0.0	0.0
5-Jun	1	0	1	14	0	14	100.0	0.0	0.0	0.0	0.0
6-Jun	8	0	8	22	0	22	100.0	0.0	0.0	0.0	0.0
7-Jun	10	0	10	32	0	32	100.0	0.0	0.0	0.0	0.0
8-Jun	3	0	3	35	0	35	100.0	0.0	0.0	0.0	0.0
9-Jun	239	1	240	274	1	275	99.6	0.4	0.1	0.0	0.1
10-Jun	529	2	531	803	3	806	99.6	0.4	0.3	0.0	0.3
11-Jun	565	2	567	1,368	5	1,373	99.6	0.4	0.4	0.1	0.4
12-Jun	696	6	702	2,064	11	2,075	99.1	0.9	0.7	0.2	0.7
13-Jun	1,319	10	1,329	3,383	21	3,404	99.2	0.8	1.1	0.3	1.1
14-Jun	1,362	12	1,374	4,745	33	4,778	99.1	0.9	1.5	0.5	1.5
15-Jun	470	8	478	5,215	41	5,256	98.3	1.7	1.7	0.6	1.7
16-Jun	3,184	27	3,211	8,399	68	8,467	99.2	0.8	2.7	1.0	2.7
17-Jun	3,734	17	3,751	12,133	85	12,218	99.5	0.5	3.9	1.3	3.8
18-Jun	3,743	29	3,772	15,876	114	15,990	99.2	0.8	5.1	1.8	5.0
19-Jun	3,531	21	3,552	19,407	135	19,542	99.4	0.6	6.2	2.1	6.1
20-Jun	3,320	20	3,340	22,727	155	22,882	99.4	0.6	7.3	2.4	7.2
21-Jun	1,588	11	1,599	24,315	166	24,481	99.3	0.7	7.8	2.6	7.7
22-Jun	3,937	24	3,961	28,252	190	28,442	99.4	0.6	9.1	2.9	8.9
23-Jun	8,137	52	8,189	36,389	242	36,631	99.4	0.6	11.7	3.7	11.5
24-Jun	7,595	62	7,657	43,984	304	44,288	99.2	0.8	14.1	4.7	13.9
25-Jun	5,675	79	5,754	49,659	383	50,042	98.6	1.4	15.9	5.9	15.7
26-Jun	2,037	28	2,065	51,696	411	52,107	98.6	1.4	16.6	6.3	16.4
27-Jun	850	3	853	52,546	414	52,960	99.6	0.4	16.9	6.4	16.7
28-Jun	779	4	783	53,325	418	53,743	99.5	0.5	17.1	6.4	16.9
29-Jun	6,006	143	6,149	59,331	561	59,892	97.7	2.3	19.0	8.6	18.8

-continued-

Table 17.–Page 2 of 4.

Date	Daily			Cumulative			Daily Percent		Cumulative Percent		
	Adults	Jacks	Total	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total
30-Jun	16,139	344	16,483	75,470	905	76,375	97.9	2.1	24.2	13.9	24.0
1-Jul	16,112	225	16,337	91,582	1,130	92,712	98.6	1.4	29.4	17.4	29.1
2-Jul	11,834	149	11,983	103,416	1,279	104,695	98.8	1.2	33.2	19.7	32.9
3-Jul	10,939	134	11,073	114,355	1,413	115,768	98.8	1.2	36.7	21.8	36.4
4-Jul	12,011	119	12,130	126,366	1,532	127,898	99.0	1.0	40.6	23.6	40.2
5-Jul	14,968	161	15,129	141,334	1,693	143,027	98.9	1.1	45.4	26.1	45.0
6-Jul	8,886	131	9,017	150,220	1,824	152,044	98.5	1.5	48.2	28.1	47.8
7-Jul	4,033	112	4,145	154,253	1,936	156,189	97.3	2.7	49.5	29.8	49.1
8-Jul	2,454	60	2,514	156,707	1,996	158,703	97.6	2.4	50.3	30.8	49.9
9-Jul	1,492	23	1,515	158,199	2,019	160,218	98.5	1.5	50.8	31.1	50.4
10-Jul	4,448	103	4,551	162,647	2,122	164,769	97.7	2.3	52.2	32.7	51.8
11-Jul	2,606	84	2,690	165,253	2,206	167,459	96.9	3.1	53.0	34.0	52.6
12-Jul	4,827	132	4,959	170,080	2,338	172,418	97.3	2.7	54.6	36.0	54.2
13-Jul	2,895	80	2,975	172,975	2,418	175,393	97.3	2.7	55.5	37.3	55.1
14-Jul	1,188	24	1,212	174,163	2,442	176,605	98.0	2.0	55.9	37.6	55.5
15-Jul	3,442	68	3,510	177,605	2,510	180,115	98.1	1.9	57.0	38.7	56.6
16-Jul	3,029	132	3,161	180,634	2,642	183,276	95.8	4.2	58.0	40.7	57.6
17-Jul	2,765	199	2,964	183,399	2,841	186,240	93.3	6.7	58.9	43.8	58.6
18-Jul	2,043	104	2,147	185,442	2,945	188,387	95.2	4.8	59.5	45.4	59.2
19-Jul	2,583	118	2,701	188,025	3,063	191,088	95.6	4.4	60.3	47.2	60.1
20-Jul	3,225	180	3,405	191,250	3,243	194,493	94.7	5.3	61.4	50.0	61.1
21-Jul	2,479	147	2,626	193,729	3,390	197,119	94.4	5.6	62.2	52.2	62.0
22-Jul	2,025	75	2,100	195,754	3,465	199,219	96.4	3.6	62.8	53.4	62.6
23-Jul	1,480	72	1,552	197,234	3,537	200,771	95.4	4.6	63.3	54.5	63.1
24-Jul	3,944	117	4,061	201,178	3,654	204,832	97.1	2.9	64.6	56.3	64.4
25-Jul	2,276	83	2,359	203,454	3,737	207,191	96.5	3.5	65.3	57.6	65.1
26-Jul	1,966	43	2,009	205,420	3,780	209,200	97.9	2.1	65.9	58.3	65.8
27-Jul	1,289	28	1,317	206,709	3,808	210,517	97.9	2.1	66.3	58.7	66.2
28-Jul	611	32	643	207,320	3,840	211,160	95.0	5.0	66.5	59.2	66.4
29-Jul	407	43	450	207,727	3,883	211,610	90.4	9.6	66.7	59.8	66.5
30-Jul	1,610	147	1,757	209,337	4,030	213,367	91.6	8.4	67.2	62.1	67.1
31-Jul	2,687	183	2,870	212,024	4,213	216,237	93.6	6.4	68.0	64.9	68.0

-continued-

Table 17.–Page 3 of 4.

Date	Daily			Cumulative			Daily Percent		Cumulative Percent		
	Adults	Jacks	Total	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total
1-Aug	3,938	152	4,090	215,962	4,365	220,327	96.3	3.7	69.3	67.3	69.3
2-Aug	3,602	137	3,739	219,564	4,502	224,066	96.3	3.7	70.5	69.4	70.4
3-Aug	2,091	81	2,172	221,655	4,583	226,238	96.3	3.7	71.1	70.6	71.1
4-Aug	4,883	101	4,984	226,538	4,684	231,222	98.0	2.0	72.7	72.2	72.7
5-Aug	3,298	72	3,370	229,836	4,756	234,592	97.9	2.1	73.8	73.3	73.8
6-Aug	3,446	47	3,493	233,282	4,803	238,085	98.7	1.3	74.9	74.0	74.9
7-Aug	2,246	24	2,270	235,528	4,827	240,355	98.9	1.1	75.6	74.4	75.6
8-Aug	2,317	65	2,382	237,845	4,892	242,737	97.3	2.7	76.3	75.4	76.3
9-Aug	9,234	351	9,585	247,079	5,243	252,322	96.3	3.7	79.3	80.8	79.3
10-Aug	7,633	168	7,801	254,712	5,411	260,123	97.8	2.2	81.7	83.4	81.8
11-Aug	6,612	121	6,733	261,324	5,532	266,856	98.2	1.8	83.9	85.3	83.9
12-Aug	6,550	143	6,693	267,874	5,675	273,549	97.9	2.1	86.0	87.5	86.0
13-Aug	3,927	104	4,031	271,801	5,779	277,580	97.4	2.6	87.2	89.1	87.3
14-Aug	1,708	26	1,734	273,509	5,805	279,314	98.5	1.5	87.8	89.5	87.8
15-Aug	3,110	58	3,168	276,619	5,863	282,482	98.2	1.8	88.8	90.4	88.8
16-Aug	3,151	72	3,223	279,770	5,935	285,705	97.8	2.2	89.8	91.5	89.8
17-Aug	5,685	104	5,789	285,455	6,039	291,494	98.2	1.8	91.6	93.1	91.6
18-Aug	3,892	82	3,974	289,347	6,121	295,468	97.9	2.1	92.9	94.3	92.9
19-Aug	2,450	37	2,487	291,797	6,158	297,955	98.5	1.5	93.6	94.9	93.7
20-Aug	3,884	78	3,962	295,681	6,236	301,917	98.0	2.0	94.9	96.1	94.9

-continued-

Table 17.–Page 4 of 4.

Date	Daily			Cumulative			Daily Percent		Cumulative Percent		
	Adults	Jacks	Total	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total
21-Aug	3,973	57	4,030	299,654	6,293	305,947	98.6	1.4	96.2	97.0	96.2
22-Aug	4,464	63	4,527	304,118	6,356	310,474	98.6	1.4	97.6	98.0	97.6
23-Aug	2,673	36	2,709	306,791	6,392	313,183	98.7	1.3	98.5	98.5	98.5
24-Aug	3,092	55	3,147	309,883	6,447	316,330	98.3	1.7	99.5	99.4	99.5
25-Aug	727	22	749	310,610	6,469	317,079	97.1	2.9	99.7	99.7	99.7
26-Aug	978	20	998	311,588	6,489	318,077	98.0	2.0	100.0	100.0	100.0
27-Aug	Weir removed										
Total	311,588	6,489	318,077								
Post Weir Escapement Estimate:			31,423 ^a								
Estimated Total Escapement:			349,500								

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

Table 18.—Sockeye salmon daily and cumulative escapement counts through the Sandy River weir, 2009.

Date	Daily			Cumulative			Daily Percent		Cumulative Percent		
	Adults	Jacks	Total	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total
14-Jun	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
15-Jun	34	0	34	34	0	34	100.0	0.0	0.1	0.0	0.1
16-Jun	180	22	202	214	22	236	89.1	10.9	0.6	2.9	0.7
17-Jun	153	12	165	367	34	401	92.7	7.3	1.1	4.5	1.2
18-Jun	117	3	120	484	37	521	97.5	2.5	1.4	4.9	1.5
19-Jun	185	6	191	669	43	712	96.9	3.1	2.0	5.7	2.1
20-Jun	72	2	74	741	45	786	97.3	2.7	2.2	6.0	2.3
21-Jun	160	2	162	901	47	948	98.8	1.2	2.7	6.2	2.8
22-Jun	741	18	759	1,642	65	1,707	97.6	2.4	4.9	8.6	5.0
23-Jun	670	15	685	2,312	80	2,392	97.8	2.2	6.9	10.6	7.0
24-Jun	705	18	723	3,017	98	3,115	97.5	2.5	9.0	13.0	9.1
25-Jun	2,010	26	2,036	5,027	124	5,151	98.7	1.3	15.0	16.5	15.0
26-Jun	765	10	775	5,792	134	5,926	98.7	1.3	17.3	17.8	17.3
27-Jun	565	9	574	6,357	143	6,500	98.4	1.6	18.9	19.0	18.9
28-Jun	389	13	402	6,746	156	6,902	96.8	3.2	20.1	20.7	20.1
29-Jun	259	8	267	7,005	164	7,169	97.0	3.0	20.9	21.8	20.9
30-Jun	406	15	421	7,411	179	7,590	96.4	3.6	22.1	23.8	22.1
1-Jul	1,514	43	1,557	8,925	222	9,147	97.2	2.8	26.6	29.5	26.7
2-Jul	2,128	21	2,149	11,053	243	11,296	99.0	1.0	32.9	32.3	32.9
3-Jul	627	4	631	11,680	247	11,927	99.4	0.6	34.8	32.8	34.8
4-Jul	3,440	6	3,446	15,120	253	15,373	99.8	0.2	45.0	33.6	44.8
5-Jul	1,505	39	1,544	16,625	292	16,917	97.5	2.5	49.5	38.8	49.3
6-Jul	1,304	22	1,326	17,929	314	18,243	98.3	1.7	53.4	41.7	53.2
7-Jul	1,138	19	1,157	19,067	333	19,400	98.4	1.6	56.8	44.2	56.5
8-Jul	1,748	24	1,772	20,815	357	21,172	98.6	1.4	62.0	47.4	61.7
9-Jul	1,151	27	1,178	21,966	384	22,350	97.7	2.3	65.4	51.0	65.1
10-Jul	1,437	45	1,482	23,403	429	23,832	97.0	3.0	69.7	57.0	69.4
11-Jul	1,651	56	1,707	25,054	485	25,539	96.7	3.3	74.6	64.4	74.4
12-Jul	678	21	699	25,732	506	26,238	97.0	3.0	76.7	67.2	76.4
13-Jul	664	20	684	26,396	526	26,922	97.1	2.9	78.6	69.9	78.4
14-Jul	862	21	883	27,258	547	27,805	97.6	2.4	81.2	72.6	81.0

-continued-

Table 18.–Page 2 of 2.

Date	Daily			Cumulative			Daily Percent		Cumulative Percent		
	Adults	Jacks	Total	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total
15-Jul	290	11	301	27,548	558	28,106	96.3	3.7	82.1	74.1	81.9
16-Jul	252	4	256	27,800	562	28,362	98.4	1.6	82.8	74.6	82.6
17-Jul	502	20	522	28,302	582	28,884	96.2	3.8	84.3	77.3	84.2
18-Jul	863	28	891	29,165	610	29,775	96.9	3.1	86.9	81.0	86.8
19-Jul	1,129	24	1,153	30,294	634	30,928	97.9	2.1	90.2	84.2	90.1
20-Jul	875	25	900	31,169	659	31,828	97.2	2.8	92.9	87.5	92.7
21-Jul	243	12	255	31,412	671	32,083	95.3	4.7	93.6	89.1	93.5
22-Jul	700	38	738	32,112	709	32,821	94.9	5.1	95.7	94.2	95.6
23-Jul	357	14	371	32,469	723	33,192	96.2	3.8	96.7	96.0	96.7
24-Jul	704	14	718	33,173	737	33,910	98.1	1.9	98.8	97.9	98.8
25-Jul	395	16	411	33,568	753	34,321	96.1	3.9	100.0	100.0	100.0
26-Jul	Weir removed										
Total	33,568	753	34,321								
Post Weir Escapement Estimate:	1,679 ^a										
Total Estimated Escapement:	36,000										

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

Table 19.—Sockeye salmon daily and cumulative escapement counts through the Ilnik River weir, 2009.

Date	Daily			Cumulative			Daily Percent		Cumulative Percent		
	Adults	Jacks	Total	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total
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	2	0	2	2	0	2	0.0	0.0	0.0	0.0	0.0
7-Jun	15	0	15	17	0	17	100.0	0.0	0.1	0.0	0.1
8-Jun	18	0	18	35	0	35	0.0	0.0	0.1	0.0	0.1
9-Jun	33	0	33	68	0	68	0.0	0.0	0.2	0.0	0.2
10-Jun	113	4	117	181	4	185	0.0	0.0	0.5	1.7	0.5
11-Jun	266	3	269	447	7	454	0.0	0.0	1.3	2.9	1.3
12-Jun	331	9	340	778	16	794	0.0	0.0	2.3	6.6	2.3
13-Jun	59	1	60	837	17	854	0.0	0.0	2.5	7.1	2.5
14-Jun	119	3	122	956	20	976	97.5	2.5	2.8	8.3	2.9
15-Jun	38	0	38	994	20	1,014	100.0	0.0	3.0	8.3	3.0
16-Jun	192	5	197	1,186	25	1,211	97.5	2.5	3.5	10.4	3.6
17-Jun	145	3	148	1,331	28	1,359	98.0	2.0	4.0	11.6	4.0
18-Jun	262	6	268	1,593	34	1,627	97.8	2.2	4.7	14.1	4.8
19-Jun	180	3	183	1,773	37	1,810	98.4	1.6	5.3	15.4	5.4
20-Jun	76	1	77	1,849	38	1,887	98.7	1.3	5.5	15.8	5.6
21-Jun	1,797	13	1,810	3,646	51	3,697	99.3	0.7	10.9	21.2	10.9
22-Jun	642	5	647	4,288	56	4,344	99.2	0.8	12.8	23.2	12.8
23-Jun	2,856	24	2,880	7,144	80	7,224	99.2	0.8	21.3	33.2	21.4
24-Jun	1,092	8	1,100	8,236	88	8,324	99.3	0.7	24.5	36.5	24.6
25-Jun	1,539	13	1,552	9,775	101	9,876	99.2	0.8	29.1	41.9	29.2
26-Jun	1,102	10	1,112	10,877	111	10,988	99.1	0.9	32.4	46.1	32.5
27-Jun	997	4	1,001	11,874	115	11,989	99.6	0.4	35.4	47.7	35.5
28-Jun	1,392	11	1,403	13,266	126	13,392	99.2	0.8	39.5	52.3	39.6
29-Jun	330	2	332	13,596	128	13,724	99.4	0.6	40.5	53.1	40.6
30-Jun	641	4	645	14,237	132	14,369	99.4	0.6	42.4	54.8	42.5
1-Jul	784	5	789	15,021	137	15,158	99.4	0.6	44.7	56.8	44.8
2-Jul	1,051	11	1,062	16,072	148	16,220	99.0	1.0	47.9	61.4	48.0
3-Jul	2,607	11	2,618	18,679	159	18,838	99.6	0.4	55.6	66.0	55.7

-continued-

Table 19.–Page 2 of 2.

Date	Daily			Cumulative			Daily Percent		Cumulative Percent		
	Adults	Jacks	Total	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total
4-Jul	1,161	3	1,164	19,840	162	20,002	99.7	0.3	59.1	67.2	59.1
5-Jul	844	4	848	20,684	166	20,850	99.5	0.5	61.6	68.9	61.7
6-Jul	1,657	11	1,668	22,341	177	22,518	99.3	0.7	66.5	73.4	66.6
7-Jul	1,806	11	1,817	24,147	188	24,335	99.4	0.6	71.9	78.0	72.0
8-Jul	897	2	899	25,044	190	25,234	99.8	0.2	74.6	78.8	74.6
9-Jul	934	20	954	25,978	210	26,188	97.9	2.1	77.4	87.1	77.4
10-Jul	1,448	4	1,452	27,426	214	27,640	99.7	0.3	81.7	88.8	81.7
11-Jul	860	0	860	28,286	214	28,500	100.0	0.0	84.2	88.8	84.3
12-Jul	1,156	1	1,157	29,442	215	29,657	99.9	0.1	87.7	89.2	87.7
13-Jul	1,195	2	1,197	30,637	217	30,854	99.8	0.2	91.2	90.0	91.2
14-Jul	630	6	636	31,267	223	31,490	99.1	0.9	93.1	92.5	93.1
15-Jul	737	3	740	32,004	226	32,230	99.6	0.4	95.3	93.8	95.3
16-Jul	465	4	469	32,469	230	32,699	99.1	0.9	96.7	95.4	96.7
17-Jul	442	5	447	32,911	235	33,146	98.9	1.1	98.0	97.5	98.0
18-Jul	244	2	246	33,155	237	33,392	99.2	0.8	98.7	98.3	98.7
19-Jul	266	3	269	33,421	240	33,661	98.9	1.1	99.5	99.6	99.5
20-Jul	154	1	155	33,575	241	33,816	99.4	0.6	100.0	100.0	100.0
21-Jul	Weir Removed										
Total	33,575	241	33,816								
Post Weir Sockeye											
Escapement Estimate:			1,184 ^a								
Estimated Total											
Sockeye Escapement:			35,000								

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

Table 20.—North Peninsula salmon harvest by species and day, 2009.

Catch Date	Permits	Landings	Number of Fish				
			Chinook	Sockeye	Coho	Pink	Chum
Prior to 7-Jun	0	0	0	0	0	0	0
8-Jun	9	9	58	1,606	0	0	1
9-Jun	9	9	61	1,467	0	0	0
10-Jun	7	7	36	1,508	0	0	0
11-Jun to 14 Jun ^a							
15-Jun	22	24	184	5,758	0	0	0
16-Jun	24	25	144	9,649	0	0	0
17-Jun	26	26	62	6,371	0	0	0
18-Jun	19	19	34	5,182	0	0	0
19-Jun to 21-Jun ^a							
22-Jun	67	75	195	47,554	0	0	33
23-Jun	63	72	203	33,395	0	0	33
24-Jun	103	115	219	66,448	0	8	402
25-Jun	86	98	133	59,949	0	0	622
26-Jun	93	125	165	66,528	0	0	728
27-Jun	107	115	83	59,733	0	1	845
28-Jun	93	107	89	71,462	0	0	1,051
29-Jun	147	170	144	125,917	1	0	1,416
30-Jun	27	31	36	22,305	0	0	0
1-Jul	40	46	23	22,861	0	0	24
2-Jul	136	189	111	130,924	0	0	1,190
3-Jul	140	176	118	128,801	0	0	1,436
4-Jul	138	188	299	102,152	0	0	1,069
5-Jul	121	145	135	89,463	1	0	1,281
6-Jul	141	157	131	74,781	0	0	955
7-Jul	117	122	81	48,167	3	0	720
8-Jul	144	164	63	89,501	171	0	959
9-Jul	148	178	72	122,624	1	9	2,127
10-Jul	143	160	57	89,492	0	0	1,998
11-Jul	136	152	37	46,847	3	0	1,207
12-Jul	89	93	17	27,689	0	3	795
13-Jul	122	124	23	36,289	3	0	917
14-Jul	133	150	25	82,875	38	0	1,625
15-Jul	124	148	28	112,870	165	18	2,110
16-Jul	140	155	31	75,699	176	42	4,067
17-Jul	122	133	26	34,604	84	0	1,446
18-Jul	93	95	6	29,499	176	12	1,277
19-Jul ^a							
20-Jul	89	90	3	27,814	45	23	1,556
21-Jul	92	99	7	30,311	260	15	1,535
22-Jul	72	78	8	23,238	308	0	1,443
23-Jul	45	46	6	10,645	185	6	1,520
24-Jul	68	68	4	15,570	588	0	1,725
25-Jul	71	75	9	12,768	490	0	1,346
26-Jul	44	45	0	7,470	430	4	867
27-Jul	64	67	2	10,784	377	5	846
28-Jul	46	51	2	12,572	190	0	2,781

-continued-

Table 20.–Page 2 of 2.

Catch Date	Permits	Landings	Number of Fish				
			Chinook	Sockeye	Coho	Pink	Chum
29-Jul	11	11	0	1,047	49	0	295
30-Jul	16	16	1	1,801	57	328	7,065
1-Aug	4	4	0	0	0	55,584	1,263
2-Aug ^b							
3-Aug	13	13	0	989	237	11,299	887
4-Aug	19	19	0	2,879	424	14,648	1,176
5-Aug	13	13	1	1,313	159	14,120	737
6-Aug	59	60	0	9,878	361	17,672	981
7-Aug	60	61	1	12,037	652	5,094	592
8-Aug	53	54	0	12,990	297	4,880	615
9-Aug	49	50	2	10,550	424	12,678	1,143
10-Aug	60	61	0	13,951	1,152	41,993	1,278
11-Aug	56	58	1	11,612	1,363	28	7,073
12-Aug	57	57	2	10,386	1,113	12	2,077
13-Aug	54	58	2	9,897	1,657	9,757	2,456
14-Aug	52	52	1	9,330	1,811	8,967	743
15-Aug	71	72	0	12,210	1,175	17,036	4,082
16-Aug	63	64	1	8,147	923	18,007	4,055
17-Aug	76	77	2	9,323	4,661	6,046	1,493
18-Aug	80	80	0	11,449	3,743	3,866	4,249
19-Aug	56	57	0	8,777	2,319	5,270	7,148
20-Aug	56	56	0	11,169	2,314	2,202	1,484
21-Aug	86	99	0	29,139	3,232	2,294	3,081
22-Aug	52	53	1	11,068	842	1,309	230
23-Aug	37	37	0	12,651	708	0	92
24-Aug	66	69	2	15,414	1,775	0	835
25-Aug	73	74	1	13,022	2,139	0	106
26-Aug	75	79	0	9,710	4,635	0	1,452
27-Aug	62	69	1	8,576	5,323	10	44
28-Aug	16	16	0	1,550	1,640	0	7
29-Aug	16	16	0	1,816	480	0	3
30-Aug	37	38	0	9,465	1,446	0	18
31-Aug	49	50	0	5,211	2,479	0	8
1-Sep	44	47	0	10,662	3,318	0	19
2-Sep	53	54	0	11,468	3,240	0	27
3-Sep	49	51	0	10,790	2,053	0	33
4-Sep	47	49	0	8,697	2,395	0	1,359
5-Sep	44	48	0	6,618	1,651	0	3,433
6-Sep	21	21	0	3,221	575	0	2
7-Sep	22	24	0	2,299	493	0	1
8-Sep	11	11	0	2,944	183	0	2
9-Sep	8	10	0	1,403	245	0	0
10-Sep to 13-Sep ^a							
14-Sep ^b							
Post 15-Sept	0	0	0	0	0	0	0
Total	172	6,133	3,189	2,426,601	67,601	275,083	105,994

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

^a Fishery closed.

^b Confidentiality requirements prohibit releasing this information.

Table 21.—North Peninsula salmon harvest by district, statistical area, and section, 2009.

Statistical		Number of Salmon					
Area	Section	Chinook	Sockeye	Coho	Pink	Chum	Total
<i>NORTHWESTERN DISTRICT</i>							
311-20	Dublin Bay Section	0	0	0	0	0	0
311-32	Urilia Bay Section	0	24,412	0	0	30	24,442
311-52	Swanson Lagoon Section	2	622	0	0	0	624
311-60	Bechevin Bay Section	0	1,156	50	274,510	36,984	312,700
311-58	Cape Krenitzen to Cape Glazenap	0	0	0	0	0	0
312-10	Cape Glazenap to Moffet Point	0	906	0	0	96	1,002
312-20	Izembek Lagoon	0	0	0	0	0	0
312-40	Moffet Bay	0	9,963	0	343	17,059	27,365
Izembek-Moffet Bay Section Total		0	10,869	0	343	17,155	28,367
<i>NORTHWESTERN DISTRICT TOTAL</i>		2	37,059	50	274,853	54,169	366,133
<i>NORTHERN DISTRICT</i>							
313-10	Black Hills Section	23	14,712	743	0	3,167	18,645
313-30	Nelson Lagoon Section	575	214,302	37,060	8	4,127	256,072
314-12	Port Moller Bight Section	0	0	0	0	0	0
314-20	Herendeen Bay	0	0	0	0	0	0
314-30	Moller Bay	0	0	0	0	0	0
Herendeen-Moller Bay Section Total		0	0	0	0	0	0
315-11	Bear River	1,091	506,695	5,327	46	11,732	524,891
315-20	Muddy River	103	146,178	4,482	61	6,457	157,281
Bear River Section Total		1,194	652,873	9,809	107	18,189	682,172
316-10	Three Hills Section	13	93,388	6,862	8	2,434	102,705
316-20	Southwest Ilnik	249	279,330	8,762	34	6,255	294,630
316-22	Ilnik Lagoon	0	0	0	0	0	0
316-25	Northeast Ilnik	333	372,294	2,920	10	6,392	381,949
Ilnik Section Total		582	651,624	11,682	44	12,647	676,579
317-10	Outer Port Heiden Section	800	762,643	507	63	11,261	775,274
317-20	Inner Port Heiden Section	0	0	0	0	0	0
318-20	Cinder River Section	0	0	888	0	0	888
<i>NORTHERN DISTRICT TOTAL</i>		3,187	2,389,542	67,551	230	51,825	2,512,335
<i>NORTH PENINSULA TOTAL</i>		3,189	2,426,601	67,601	275,083	105,994	2,878,468

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

Table 22.–Northwestern District sockeye salmon runs (number of fish), 1962-2009.

Year		Izembek - Moffet Bay ^a	Dublin, Urilia, & Bechevin bays & Swanson Lagoon ^a	Northwestern District Total ^b
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 - Moffet Bay ^a	Dublin, Urilia, & Bechevin bays & Swanson Lagoon ^a	Northwestern District Total ^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 - Moffet Bay ^a	Dublin, Urilia, & Bechevin bays & Swanson Lagoon ^a	Northwestern District Total ^b
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

-continued-

Table 22.–Page 4 of 5.

Year		Izembek - Moffet Bay ^a	Dublin, Uralia, & Bechevin bays & Swanson Lagoon ^a	Northwestern District Total ^b
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
2009	Catch	10,869	26,190	37,059
	Escapement ^c	39,300	49,700	89,000
	Total	50,169	75,890	126,059
1999-2008	Catch	21,096	64,810	85,905
Average	Escapement ^c	46,298	74,329	120,627
	Total	67,394	139,139	206,533

-continued-

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, 2009.

Emergency Order #	Issued	Effective:	Action Taken:
1	3:30 p.m. June 16	6:00 p.m. June 16	Closure: Inside Ilnik Lagoon and all waters inside the Seal Islands until further notice.
2	9:00 a.m. June 21	6:00 a.m. June 22	Fishing Period: Commercial salmon fishing remains closed in the Ilnik Section and closed in the Three Hills Section on 12:01 a.m. June 25 until further notice. The Outer Port Heiden Section opened from 6:00 a.m. June 24 until 6:00 p.m. June 26.
3	9:00 a.m. June 25	midnight June 25	Extension: Commercial salmon fishing remains open in the Nelson Lagoon Section until 11:59 p.m. June 26.
4	3:00 p.m. June 26	6:00 a.m. June 27	Fishing Period: Commercial salmon fishing opened in the Ilnik Section until 6:00 p.m. June 29.
5	8:00 p.m. June 28	6:00 a.m. June 29	Closure: Commercial salmon fishing closed in the Port Moller Bight, Bear River, Three Hills and Ilnik sections until further notice.
6	8:00 p.m. June 30	6:00 p.m. July 1	Fishing Period: Commercial salmon fishing opened in the Outer Port Heiden Section until 6:00 a.m. July 4.
7	3:00 p.m. July 1	6:00 a.m. July 2	Fishing Period: Commercial salmon fishing opened in the Bear River Section southwest from a line at a 280° bearing perpendicular to the beach at the Bear River Church until 6:00 a.m. July 4.
8	9:00 a.m. July 2	midnight July 2	Extension: Commercial fishing remained open in the Nelson Lagoon Section until 11:59 p.m. July 3.
9	9:00 a.m. July 3	11:59 p.m. July 3	Extension: Commercial fishing remained open in the Nelson Lagoon Section until 11:59 p.m. July 4.

-continued-

Table 23.–Page 2 of 5.

Emergency Order #	Issued:	Effective:	Action Taken:
10	8:00 p.m. July 3	6:00 a.m. July 4	Extension: Commercial salmon fishing remained open in the Bear River Section southwest from a line at a 280° bearing perpendicular to the beach at the Bear River Church until noon July 7.
11	9:00 a.m. July 4	11:59 p.m. July 4	Extension: Commercial salmon fishing remained opened in the Nelson Lagoon Section until 11:59 p.m. July 9.
12	8:00 p.m. July 6	noon. July 7	Fishing Period: Commercial salmon fishing remained open in the Bear River Section southwest from a line at a 280° bearing perpendicular to the beach at the Bear River Church until 6:00 p.m. July 10. The Outer Port Heiden Section opened to commercial fishing 6:00 a.m. July 8 until 6:00 p.m. July 10.
13	9:00 a.m. July 9	midnight July 9	Extension: Commercial fishing remained opened in the Nelson Lagoon Section until 11:59 p.m. July 10.
14	9:00 a.m. July 10	6:00 P.M. July 10	Fishing Period: Commercial fishing remained opened in the Nelson Lagoon Section until 11:59 p.m. July 11 and opened at the Bear River stream terminus from 6:00 p.m. July 10 until 6:00 p.m. July 14. Commercial fishing closed northeast from a line at a 280° bearing perpendicular to the beach at the Bear River Church to Cape Seniavin until further notice
15	8:00 p.m. July 13	6:00 a.m. July 14	Fishing Period: Commercial fishing opened in the Bear River Section from the 280° bearing perpendicular to the southern 1,000 yard marker and northeast of the Sandy River Bluffs to Cape Seniavin until further notice. Fishing opened in the Three Hills and Ilnik sections from 6:00 a.m. July 14 to 6:00 p.m. July 18 and in Outer Port Heiden until 6:00 p.m. July 16.
16	9:00 a.m. July 16	midnight July 16	Extension: Commercial fishing remained opened in the Nelson Lagoon Section until 11:59 p.m. July 17.

-continued-

Table 23.–Page 3 of 5.

Emergency Order #	Issued:	Effective:	Action Taken:
17	9:00 a.m. July 17	midnight July 17	Extension: Commercial salmon fishing remained opened in the Nelson Lagoon Section until 11:59 p.m. July 18.
18	9:00 a.m. July 19	6:00 a.m. July 20	Fishing Period: Commercial fishing closed from a 280° bearing at the southern 1,000 yard marker at Bear River to the Sandy River Bluffs until further notice. Commercial fishing opened in the Three Hills, Ilnik and Outer Port Heiden sections until 6:00 p.m. July 22.
19	9:00 a.m. July 22	6:00 p.m. July 22	Fishing Period: Commercial fishing closed from a 280° bearing at the southern 1,000 yard marker at Bear River to the Sandy River Bluffs until further notice. Commercial fishing remains opened in the Three Hills, Ilnik and Outer Port Heiden sections until 6:00 p.m. July 25.
20	9:00 a.m. July 23	midnight July 23	Extension: Commercial fishing remained opened in the Nelson Lagoon Section until 11:59 p.m. July 24.
21	9:00 a.m. July 24	11:59 p.m. July 24	Extension: Commercial fishing remained opened in the Nelson Lagoon Section until 11:59 p.m. July 25.
22	9:00 a.m.	6:00 P.M.	Fishing Period: Commercial fishing reopened from the 280° bearing at the southern 1,000 yard Bear River marker to the Sandy River Bluffs until further notice and remains open in the Three Hills and Ilnik sections until 6:00 p.m. July 25. Outer Port Heiden opened from 6:00 a.m. July 27 to 6:00 p.m. July 28.
23	3:00 p.m. July 28	6:00 p.m. July 28	Closure: Bear River, Three Hills, Ilnik and Outer Port Heiden sections closed until further notice.
24	3:00 p.m. August 5	6:00 a.m. August 6	Fishing Period: Port Moller Bight, Three Hills, Bear River and Ilnik sections opened until 6:00 p.m. August 10. Commercial fishing closed from the 280° bearing at 500 yard regulatory marker at Franks Lagoon to the Sandy River Bluffs.
25	9:00 a.m. August 6	midnight August 6	Extension: Commercial salmon fishing remained opened in the Nelson Lagoon Section until 11:59 p.m. August 7.

-continued-

Table 23.–Page 4 of 5.

Emergency Order #	Issued:	Effective:	Action Taken:
26	3:00 p.m. August 10	6:00 p.m. August 10	Fishing Period: Port Moller Bight, Three Hills, Bear River and Ilnik sections opened until 6:00 p.m. August 11. Commercial fishing closed from the 280° bearing at 500 yard regulatory marker at Franks Lagoon to the Sandy River Bluffs.
27	3:00 p.m. August 11	6:00 p.m. August 11	Extension: Commercial fishing remained open in the Port Moller Bight, Three Hills, Bear River and Ilnik sections until 6:00 p.m. August 12.
28	3:00 p.m. August 12	6:00 p.m. August 12	Extension: Commercial fishing remained open in the Port Moller Bight, Three Hills, Bear River and Ilnik sections until 6:00 p.m. August 13.
29	9:00 a.m. August 13	midnight August 13	Extension: Commercial salmon fishing remained open in the Nelson Lagoon Section until 11:59 p.m. August 14.
30	3:00 p.m. August 13	6:00 p.m. August 13	Extension: Commercial fishing remained open in the Port Moller Bight, Three Hills, Bear River and Ilnik sections until 6:00 p.m. August 14.
31	9:00 a.m. August 14	6:00 p.m. August 14	Extension: Commercial fishing remained open in the Port Moller Bight, Three Hills, Bear River and Ilnik sections until 6:00 p.m. August 16.
32	9:00 a.m. August 16	6:00 p.m. August 16	Extension: Commercial fishing remained open in the Port Moller Bight, Three Hills, Bear River and Ilnik sections until 6:00 p.m. August 18.
33	9:00 a.m. August 18	6:00 p.m. August 18	Extension: Commercial fishing remained open in the Port Moller Bight, Three Hills, Bear River and Ilnik sections until 6:00 p.m. August 21.
34	9:00 a.m. August 19	midnight August 19	Extension: Commercial salmon fishing remained open in the Nelson Lagoon Section until 11:59 p.m. August 21.

-continued-

Table 23.–Page 5 of 5.

Emergency Order #	Issued:	Effective:	Action Taken:
35	8:00 p.m. August 20	6:00 a.m. August 21	Fishing Period: Commercial fishing remained open in the Port Moller Bight, Three Hills, Bear River and Ilnik sections. Commercial fishing reopened at the 500 yard regulatory marker at Franks Lagoon to the southern 1,000 yard marker at Bear River and from the northern 1,000 yard marker to the Sandy River Bluffs. Until 6:00 p.m. August 28.
36	9:00 a.m. August 26	6:00 p.m. August 26	Extension: Commercial fishing extended in the Nelson Lagoon Section until 6:00 p.m. August 28 and in the Ilnik Section until 6:00 p.m. August 27.
37	9:00 a.m. August 28	6:00 p.m. August 28	Extension: Commercial fishing extended in the Port Moller Bight, Three Hills, and Bear River section until 11:59 September 30 and in the Nelson Lagoon Section until 11:59 p.m. August 29.
38	8:30 a.m. August 29	midnight August 29	Extension: Commercial fishing extended in the Nelson Lagoon Section until 11:59 p.m. September 2.
39	9:00 a.m. September 2	midnight September 2	Extension: Commercial fishing extended in the Nelson Lagoon Section until midnight September 5.
40	9:00 a.m. September 5	11:59 p.m. September 5	Extension: Commercial fishing extended in the Nelson Lagoon Section until midnight September 9.
41	9:00 a.m. September 10	11:00 a.m. September 10	Fishing Period: The Nelson Lagoon Section opened from 11:00 a.m. until 6:00 p.m. September 10
42	5:00 p.m. September 12	8:00 a.m. September 13	Fishing Period: Commercial fishing opened in the Nelson Lagoon Section from 8:00 a.m. until 6:00 p.m. September 13.

Table 24.—Nelson Lagoon Section salmon harvest by species and day, 2009.

Catch Date	Permits	Landings	Number of Fish				
			Chinook	Sockeye	Coho	Pink	Chum
Prior to 7-Jun	0	0	0	0	0	0	0
8-Jun	7	7	17	1,376	0	0	0
9-Jun	7	7	15	1,209	0	0	0
10-Jun	5	5	15	1,290	0	0	0
11-Jun to 14 Jun ^a							
15-Jun	14	16	75	2,629	0	0	0
16-Jun	15	16	32	4,032	0	0	0
17-Jun	17	17	28	2,864	0	0	0
18-Jun	19	19	34	5,182	0	0	0
19-Jun to 21-Jun ^a							
22-Jun	22	28	40	12,808	0	0	0
23-Jun	17	20	34	4,520	0	0	0
24-Jun	18	21	10	8,137	0	0	0
25-Jun	19	20	18	6,006	0	0	0
26-Jun	17	17	11	3,573	0	0	0
27-Jun to 28-Jun ^a							
29-Jun	24	30	25	14,426	0	0	0
30-Jun	20	21	22	9,961	0	0	0
1-Jul	21	24	23	9,930	0	0	0
2-Jul	18	18	9	6,459	0	0	0
3-Jul	18	18	8	7,994	0	0	0
4-Jul	22	23	14	9,184	0	0	0
5-Jul	21	25	9	9,166	0	0	0
6-Jul	21	23	30	9,563	0	0	0
7-Jul	23	23	18	7,622	3	0	1
8-Jul	24	24	18	8,416	0	0	0
9-Jul	21	21	13	6,653	0	0	0
10-Jul	18	20	10	5,624	0	0	0
11-Jul	18	24	18	6,341	0	0	0
12-Jul ^a							
13-Jul	12	13	4	3,142	0	0	0
14-Jul	20	22	4	9,023	0	0	18
15-Jul	8	8	3	4,124	0	0	0
16-Jul	17	17	6	4,199	0	0	2
17-Jul	20	23	6	4,586	2	0	61
18-Jul	16	16	0	2,628	2	8	71
19-Jul ^a							
20-Jul	11	11	0	1,594	0	0	25
21-Jul	19	19	0	2,413	10	0	57
22-Jul	17	17	0	1,833	14	0	122
23-Jul	17	17	0	1,729	8	0	98
24-Jul	13	13	1	1,573	8	0	169
25-Jul	14	15	3	1,384	15	0	105
26-Jul ^a							
27-Jul	12	12	0	598	20	0	68

-continued-

Table 24.–Page 2 of 2.

Catch Date	Permits	Landings	Number of Fish				
			Chinook	Sockeye	Coho	Pink	Chum
28-Jul	12	12	0	765	17	0	88
29-Jul	10	10	0	806	10	0	116
30-Jul	13	13	1	1,453	34	0	280
31-Jul to 2- Aug ^a							
3-Aug	12	12	0	989	237	0	616
4-Aug	14	14	0	751	176	0	414
5-Aug	10	10	0	676	130	0	175
6-Aug	8	8	0	446	67	0	101
7-Aug	10	10	0	783	191	0	269
8-Aug to 9- Aug ^a							
10-Aug	14	15	0	551	386	0	251
11-Aug	15	15	0	739	620	0	346
12-Aug	11	11	0	278	549	0	111
13-Aug	13	13	1	463	769	0	120
14-Aug	14	14	0	423	1,068	0	182
15-Aug to 16- Aug ^a							
17-Aug	15	16	0	318	2,469	0	90
18-Aug	15	15	0	280	1,716	0	89
19-Aug	13	13	0	133	888	0	34
20-Aug	11	11	0	102	688	0	4
21-Aug	9	9	0	81	815	0	17
22-Aug to 23-Aug ^a							
24-Aug	11	13	0	135	849	0	17
25-Aug	12	12	0	36	821	0	8
26-Aug	17	18	0	108	3,590	0	0
27-Aug	16	16	0	57	4,424	0	2
28-Aug	7	7	0	7	1,442	0	0
29-Aug	11	11	0	1	424	0	0
30-Aug	12	12	0	0	1,163	0	0
31-Aug	11	11	0	21	2,206	0	0
1-Sep	11	12	0	31	2,933	0	0
2-Sep	13	14	0	19	2,607	0	0
3-Sep	11	11	0	14	1,424	0	0
4-Sep	11	11	0	12	1,918	0	0
5-Sep	13	15	0	20	1,319	0	0
6-Sep	8	8	0	10	432	0	0
7-Sep	5	5	0	3	246	0	0
8-Sep ^a							
9-Sep ^b							
10-Sep to 13-Sep ^a							
14-Sep ^b							
Total	33	1,089	575	214,302	36,710	8	4,127

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

^a Fishery closed.

^b Confidentiality rules prohibit the release of this information.

Table 25.—Bear River Section salmon harvest by species and day, 2009.

Catch Date	Permits	Landings	Number of Fish				
			Chinook	Sockeye	Coho	Pink	Chum
Prior to 7-Jun	0	0	0	0	0	0	0
8-Jun ^a							
8-Jun ^a							
8-Jun ^a							
11-Jun to 14 Jun ^b							
15-Jun	8	8	109	3,129	0	0	0
16-Jun	9	9	112	5,617	0	0	0
17-Jun	9	9	34	3,507	0	0	0
19-Jun to 21-Jun ^b							
22-Jun	45	47	155	34,746	0	0	33
23-Jun	45	51	169	28,740	0	0	33
24-Jun	28	33	105	24,094	0	0	47
25-Jun to 1-Jul ^b							
2-Jul	32	37	51	15,704	0	0	39
3-Jul	31	36	48	18,393	0	0	25
4-Jul	24	29	59	28,405	0	0	59
5-Jul	27	30	41	26,849	0	0	67
6-Jul	26	26	18	13,409	0	0	21
7-Jul	24	27	32	11,897	0	0	54
8-Jul	23	24	24	14,986	0	0	232
9-Jul	26	27	34	25,174	0	0	454
10-Jul	28	29	15	27,125	0	0	781
11-Jul	28	28	10	11,418	1	0	485
12-Jul	25	26	7	8,948	0	0	348
13-Jul	27	27	10	14,220	0	0	351
14-Jul	31	36	6	22,013	7	0	514
15-Jul	32	33	2	20,896	20	10	655
16-Jul	30	32	4	20,216	26	0	688
17-Jul	42	43	11	15,786	28	0	988
18-Jul	38	38	2	13,596	45	0	848
19-Jul ^b							
20-Jul	40	40	2	15,236	14	23	1,308
21-Jul	44	49	5	14,281	95	11	834
22-Jul	31	32	4	9,205	138	0	859
23-Jul	17	18	2	6,437	113	0	1,294
24-Jul	30	30	1	7,615	56	0	765
25-Jul	31	32	4	6,482	40	0	706
26-Jul	32	33	0	5,085	95	4	639
27-Jul	34	37	0	4,381	70	5	501
28-Jul	22	25	0	6,110	80	0	525
29-Jul to 5- Aug ^b							
6-Aug	19	19	0	3,856	33	0	155
7-Aug	23	24	1	6,053	107	0	173
8-Aug	26	27	0	9,453	169	0	440

-continued-

Table 25.–Page 2 of 2.

Catch Date	Permits	Landings	Number of Fish				
			Chinook	Sockeye	Coho	Pink	Chum
9-Aug	26	27	2	5,523	215	0	492
10-Aug	18	18	0	3,869	200	0	265
11-Aug	16	16	0	4,913	200	13	175
12-Aug	18	18	2	3,490	175	12	960
13-Aug	10	11	0	1,331	202	9	57
14-Aug	9	9	0	1,335	164	0	64
15-Aug	22	22	0	3,025	282	7	181
16-Aug	14	15	1	1,526	141	3	78
17-Aug	14	14	0	1,004	159	2	49
18-Aug	18	18	0	1,990	429	0	103
19-Aug	5	5	0	1,249	64	0	28
20-Aug	11	11	0	2,697	260	1	89
21-Aug	50	51	0	15,843	1,010	7	267
22-Aug	42	43	1	9,481	705	0	135
23-Aug	19	19	0	6,426	229	0	65
24-Aug	34	34	1	7,888	334	0	49
25-Aug	30	30	1	7,858	424	0	47
26-Aug	30	32	0	4,036	471	0	29
27-Aug	34	36	1	5,276	453	0	30
28-Aug	7	7	0	1,370	183	0	7
29-Aug	4	4	0	1,713	53	0	3
30-Aug	25	26	0	9,465	283	0	18
31-Aug	32	33	0	4,235	220	0	4
1-Sep	27	29	0	7,565	302	0	8
2-Sep	23	23	0	7,621	383	0	20
3-Sep	22	22	0	6,556	301	0	12
4-Sep	21	21	0	5,998	207	0	11
5-Sep	24	26	0	5,968	235	0	16
6-Sep	13	13	0	3,211	143	0	2
7-Sep	16	18	0	2,296	69	0	1
8-Sep	10	10	0	2,944	118	0	2
9-Sep	7	9	0	1,403	58	0	0
Total	130	1,727	1,194	652,873	9,809	107	18,188

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

^a Fishery closed.

^b Confidentiality rules prohibit the release of this information.

Table 26.–North Alaska Peninsula salmon test fish catches, 2000-2009.

Year	Number of Salmon					Total
	Chinook	Sockeye	Coho	Pink	Chum	
2000	0	1,482	1	2	4	1,489
2001	13	4,363	2	10	62	4,450
2002	0	6,021	14	41	169	6,245
2003	1	5,785	10	99	178	6,073
2004	0	3,874	35	108	87	4,104
2005	0	2,291	2	11	36	2,340
2006	20	2,232	2	0	89	2,343
2007	0	1,664	5	0	13	1,682
2008	0	2,249	54	1	105	2,409
2009	6	4,027	7	29	54	4,123
2004-2008 Average	4	2,462	20	24	66	2,576

Table 27.—Three Hills Section salmon harvest by species and day, 2009.

Catch Date	Permits	Landings	Number of Fish				
			Chinook	Sockeye	Coho	Pink	Chum
Prior to 14-Jul ^a							
14-Jul	8	8	1	2,626	21	0	61
15-Jul	5	5	1	5,114	29	8	82
16-Jul	6	6	1	2,605	30	0	74
17-Jul	19	22	3	5,808	29	0	105
18-Jul	6	6	1	2,289	37	0	88
19-Jul ^a							
20-Jul	10	10	1	1,887	12	0	54
21-Jul	7	8	1	1,770	66	0	129
22-Jul	5	6	0	940	34	0	49
23-Jul ^b							
24-Jul	11	11	0	2,340	189	0	374
25-Jul	14	16	1	1,992	236	0	352
26-Jul	3	3	0	402	49	0	35
27-Jul	3	3	0	272	38	0	20
28-Jul to 5-Aug ^a							
6-Aug	16	17	0	2,829	87	0	68
7-Aug	13	13	0	3,039	119	0	120
8-Aug	15	15	0	2,507	81	0	72
9-Aug	10	10	0	1,824	105	0	119
10-Aug	9	9	0	1,624	204	0	63
11-Aug	8	9	1	2,118	178	0	49
12-Aug	15	15	0	2,428	123	0	51
13-Aug	17	17	0	3,385	184	0	65
14-Aug	12	12	1	2,559	336	0	50
15-Aug	10	10	0	1,525	101	0	18
16-Aug	13	13	0	1,615	257	0	24
17-Aug	12	12	0	1,651	505	0	18
18-Aug	7	7	0	982	235	0	14
19-Aug	12	12	0	2,214	402	0	13
20-Aug	8	8	0	1,404	201	0	9
21-Aug	16	16	0	2,623	202	0	22
22-Aug	9	9	0	1,587	137	0	34
23-Aug	18	18	0	6,225	479	0	27
24-Aug	20	20	1	6,838	540	0	60
25-Aug	13	13	0	2,410	204	0	10
26-Aug	10	10	0	1,512	243	0	11
27-Aug	12	14	0	1,643	252	0	3
28-Aug ^b							
29-Aug ^b							
30-Aug	0	0	0	0	0	0	0
31-Aug	6	6	0	955	53	0	4
1-Sep ^b							
2-Sep	9	9	0	1,443	112	0	3
3-Sep	17	18	0	4,220	328	0	21
4-Sep	14	16	0	2,687	270	0	6
5-Sep	6	6	0	630	97	0	0
Post 6-Sep	0	0	0	0	0	0	0
Total	70	444	13	93,388	6,862	8	2,434

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

^a Fishery closed.

^b Confidentiality requirements prohibit releasing this information.

Table 28.—Ilnik Section salmon harvest by species and day, 2009.

Catch Date	Permits	Landings	Number of Fish				
			Chinook	Sockeye	Coho	Pink	Chum
Prior to 27-Jun ^a							
27-Jun	107	115	83	59,733	0	1	845
28-Jun	93	107	89	71,462	0	0	1,051
29-Jun	120	137	119	106,769	1	0	1,386
30-Jun to 3-Jul ^a							
4-Jul	78	80	38	32,116	0	0	624
5-Jul	75	90	85	53,448	1	0	1,214
6-Jul	95	108	83	51,809	0	0	934
7-Jul	70	71	25	28,034	0	0	639
8-Jul to 10-Jul ^a							
11-Jul	90	100	9	29,088	2	0	722
12-Jul	64	67	10	18,741	0	3	447
13-Jul	83	84	9	18,927	3	0	566
14-Jul	18	20	4	11,847	7	0	181
15-Jul	24	30	5	23,661	65	0	402
16-Jul	42	46	3	20,426	47	0	474
17-Jul	43	45	6	8,424	25	0	292
18-Jul	33	35	3	10,986	92	4	270
19-Jul ^a							
20-Jul	7	7	0	1,027	9	0	31
21-Jul	4	5	0	925	25	0	151
22-Jul	4	4	1	741	48	0	52
23-Jul	9	9	2	1,522	48	6	73
24-Jul	14	14	2	4,042	335	0	417
25-Jul	12	12	1	2,910	199	0	183
26-Jul	9	9	0	1,983	286	0	193
27-Jul	8	8	2	1,353	139	0	140
28-Jul	6	6	0	666	62	0	53
29-Jul to 5-Aug ^a							
6-Aug	9	9	0	1,561	49	0	19
7-Aug	13	13	0	2,159	235	0	24
8-Aug	12	12	0	1,030	47	0	19
9-Aug	11	11	0	3,203	104	0	27
10-Aug	15	15	0	3,390	312	20	82
11-Aug	13	13	0	3,270	262	0	62
12-Aug	12	12	0	3,726	171	0	53
13-Aug	15	15	1	4,718	502	0	102
14-Aug	16	16	0	5,013	243	0	79
15-Aug	36	36	0	7,425	792	0	136
16-Aug	32	32	0	5,006	525	0	94
17-Aug	33	33	2	6,350	1,408	0	79
18-Aug	36	36	0	7,465	1,197	0	113
19-Aug	22	23	0	5,181	965	0	88
20-Aug	23	23	0	6,966	1,165	0	94
21-Aug	18	30	0	10,592	1,205	0	119
22-Aug to 23-Aug ^a							
24-Aug	7	7	0	553	52	0	9
25-Aug	17	18	0	2,718	377	0	41
26-Aug	16	16	0	4,054	285	0	45
27-Aug	7	7	0	1,600	194	10	9
28-Aug to 31-Aug ^a							
1-Sep	4	4	0	2,619	60	0	9
2-Sep	9	9	0	2,385	138	0	4
Post 2-Sep	0	0	0	0	0	0	0
Total	127	1,599	582	651,624	11,682	44	12,647

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

^a Fishery closed.

Table 29.—Outer Port Heiden Section salmon harvest by species and day, 2009.

Catch Date	Permits	Landings	Number of Fish				
			Chinook	Sockeye	Coho	Pink	Chum
Prior to 24-Jun ^a							
24-Jun	57	61	104	34,217	0	8	355
25-Jun	66	77	115	53,223	0	0	458
26-Jun	76	108	154	62,955	0	0	728
27-Jun to 30-Jun ^a							
1-Jul	15	15	0	8,824	0	0	24
2-Jul	82	130	51	106,319	0	0	1,139
3-Jul	92	123	62	102,414	0	0	1,411
4-Jul	62	62	188	32,447	0	0	386
5-Jul to 7-Jul ^a							
8-Jul	93	112	21	64,580	171	0	727
9-Jul	97	126	25	88,864	1	9	1,539
10-Jul	97	111	32	56,743	0	0	1,217
11-Jul to 13-Jul ^a							
14-Jul	58	65	10	37,366	3	0	851
15-Jul	57	72	17	59,075	51	0	971
16-Jul	48	49	17	25,730	66	42	541
17-Jul to 19-Jul ^a							
20-Jul	21	21	0	7,935	10	0	138
21-Jul	18	18	1	10,922	64	4	364
22-Jul	18	21	3	10,519	74	0	361
23-Jul to 26-Jul ^a							
27-Jul	7	7	0	510	67	0	51
Post 27-Jul ^a							
Total	107	1,178	800	762,643	507	63	11,261

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

^a 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, 1975-2009.

Drift Gillnet														
Year	Area M							Area T						
	Permits	Landings	Chinook	Sockeye	Coho	Pink	Chum	Permits	Landings	Chinook	Sockeye	Coho	Pink	Chum
1975	0	0	0	0	0	0	0	6	45	182	0	4,701	0	0
1976	0	0	0	0	0	0	0	10	92	1,158	333	3,897	0	73
1977	0	0	0	0	0	0	0	15	128	1,532	688	9,336	0	73
1978 ^a								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	a	a	a	a	a	a	60	354	1,430	3,348	49,893	1,478	633
1999	0	0	0	0	0	0	0	21	31	279	1,020	1,591	0	19
2000	0	0	0	0	0	0	0	27	113	0	1,173	23,620	15	0

-continued-

Table 30.–Page 2 of 3.

Drift Gillnet continued														
Year	Area M							Area T						
	Permits	Landings	Chinook	Sockeye	Coho	Pink	Chum	Permits	Landings	Chinook	Sockeye	Coho	Pink	Chum
2001	0	0	0	0	0	0	0	4	7	0	0	664	0	9
2002 ^a														
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

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

-continued-

Table 30.—Page 3 of 3.

Set Gillnet continued														
Year	Area M							Area T						
	Permits	Landings	Chinook	Sockeye	Coho	Pink	Chum	Permits	Landings	Chinook	Sockeye	Coho	Pink	Chum
1992	7	56	140	19,162	11,620	1	744	18	137	531	3,076	18,506	0	196
1993	3	34	3	23,931	7,141	11	70	11	89	2,992	5,890	3,600	0	57
1994	4	22	3	5,274	4,674	53	3	9	101	2,717	3,536	12,062	0	87
1995	3	20	14	3,057	3,021	0	109	12	64	512	87	7,090	0	2
1996 ^a								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	0	0	0	0	0	0	0							
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							

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

^a Confidentiality requirements prohibit releasing this information.

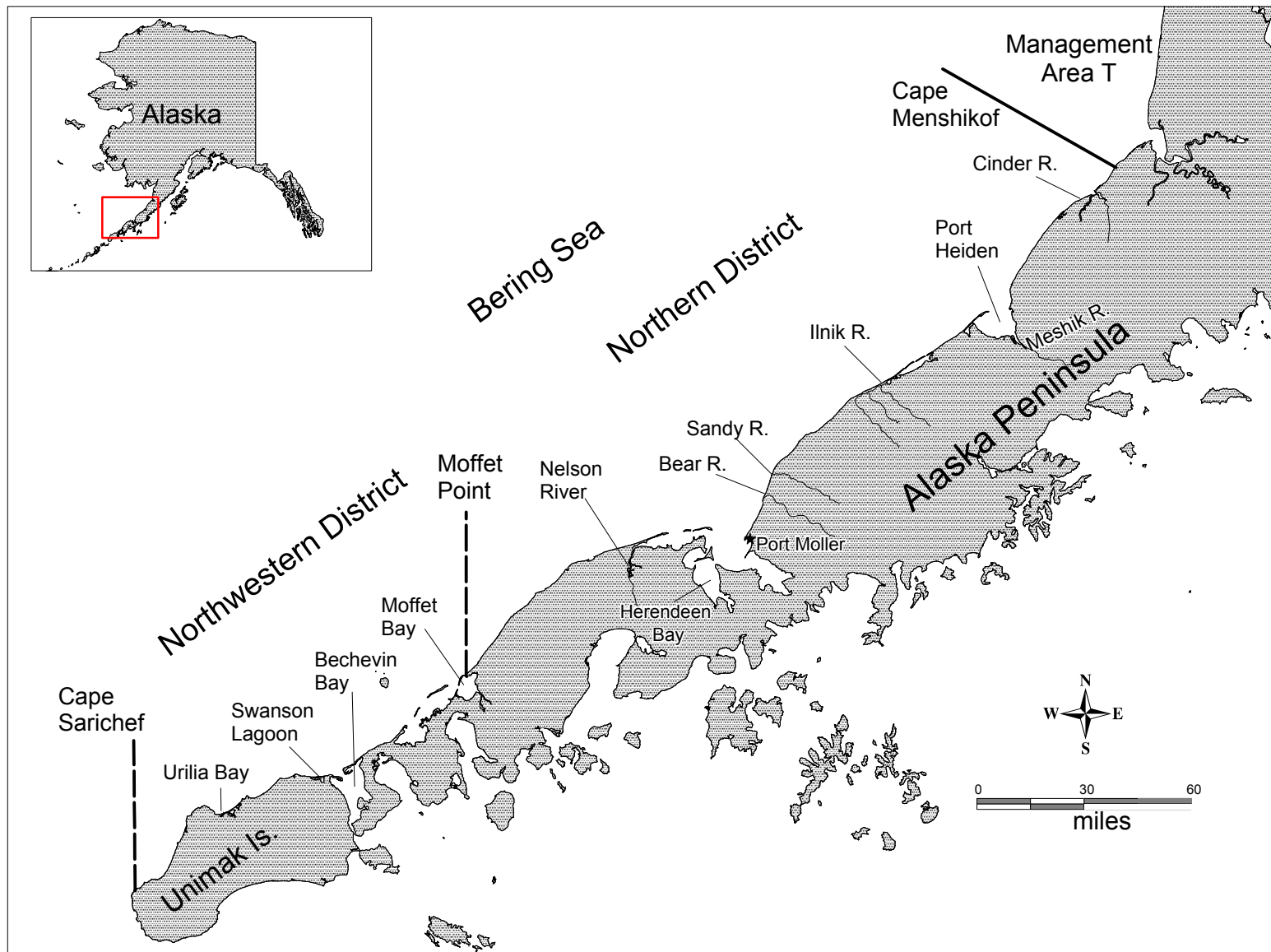


Figure 1.—Map of Alaska Peninsula with North Peninsula commercial salmon fishing districts.

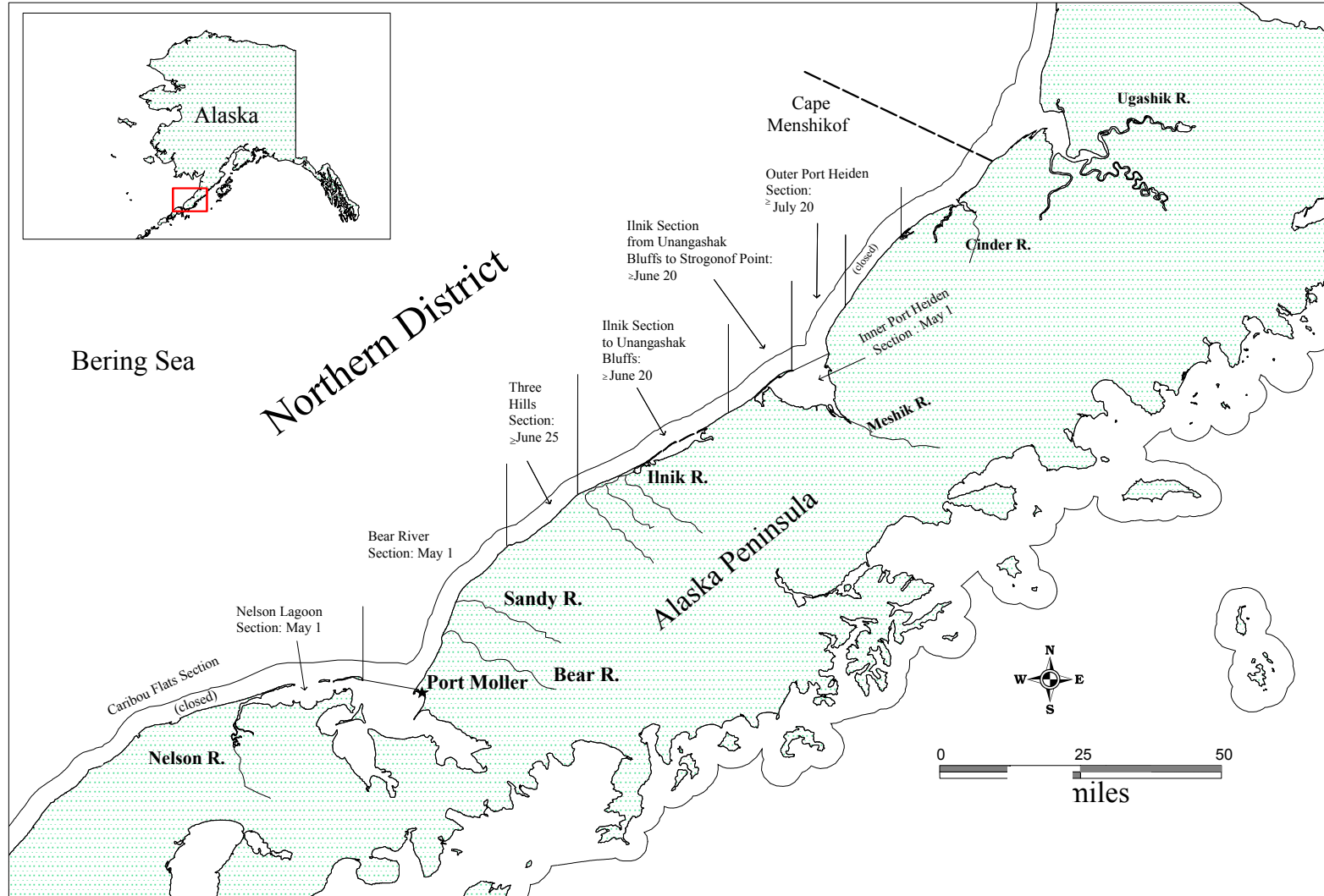


Figure 2.—North Alaska Peninsula from Nelson Lagoon to Stroganof Point, with selected commercial salmon fishing sections, season opening dates, and major sockeye salmon systems.

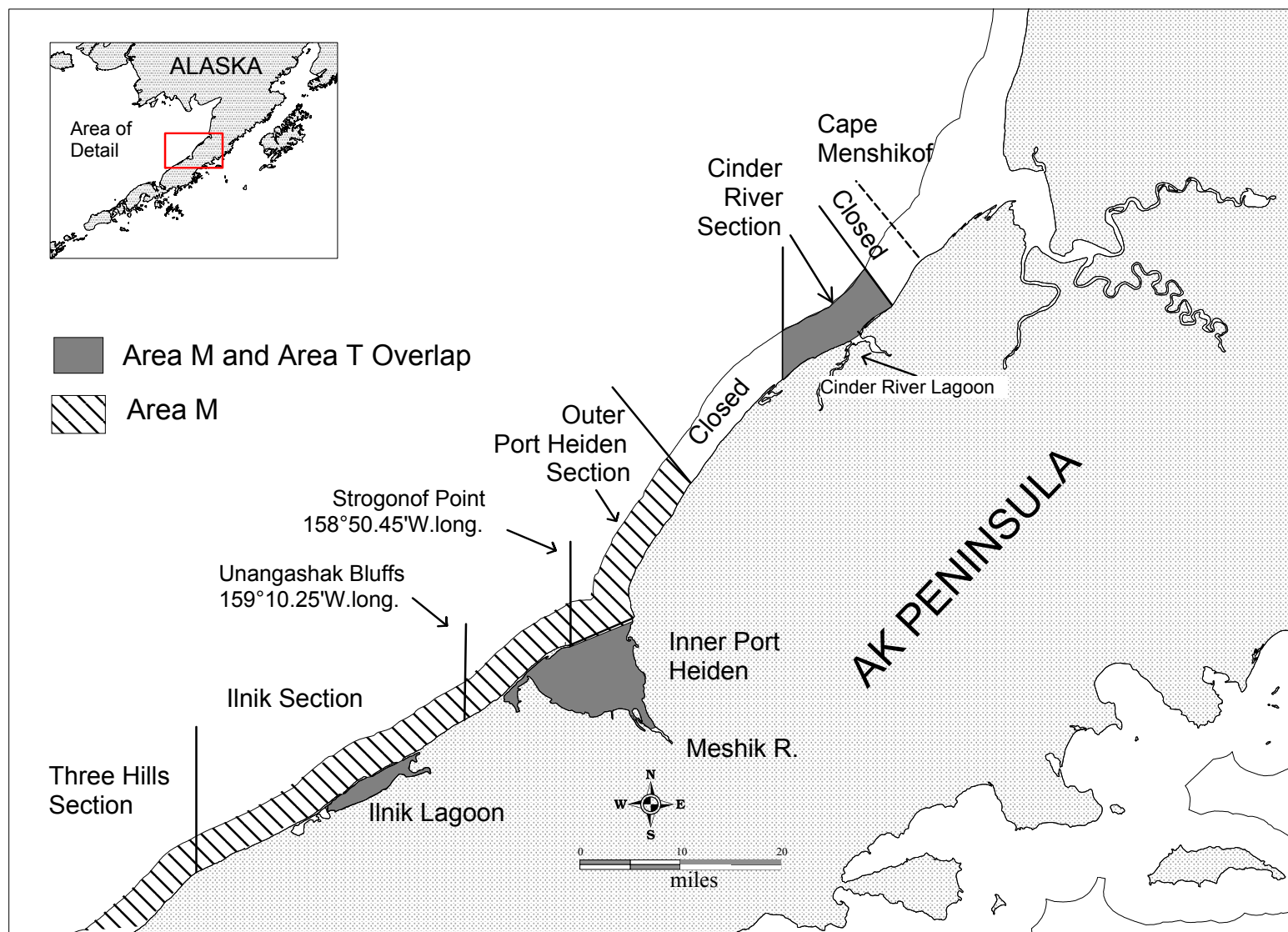


Figure 3.—Alaska Peninsula (Area M) and Bristol Bay (Area T) commercial salmon fishing overlap areas.

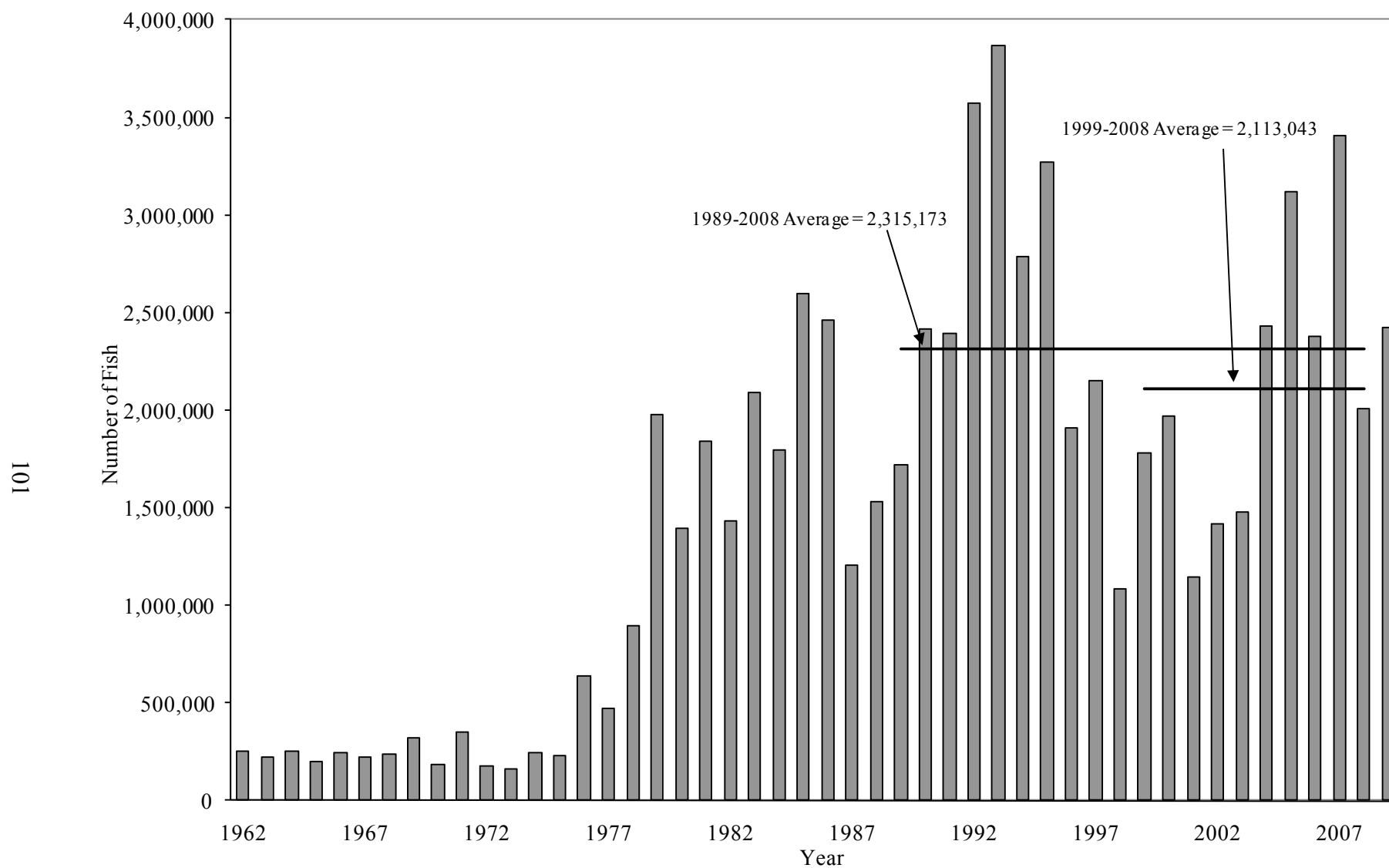


Figure 4.—North Peninsula commercial sockeye salmon harvest, 1962-2009.

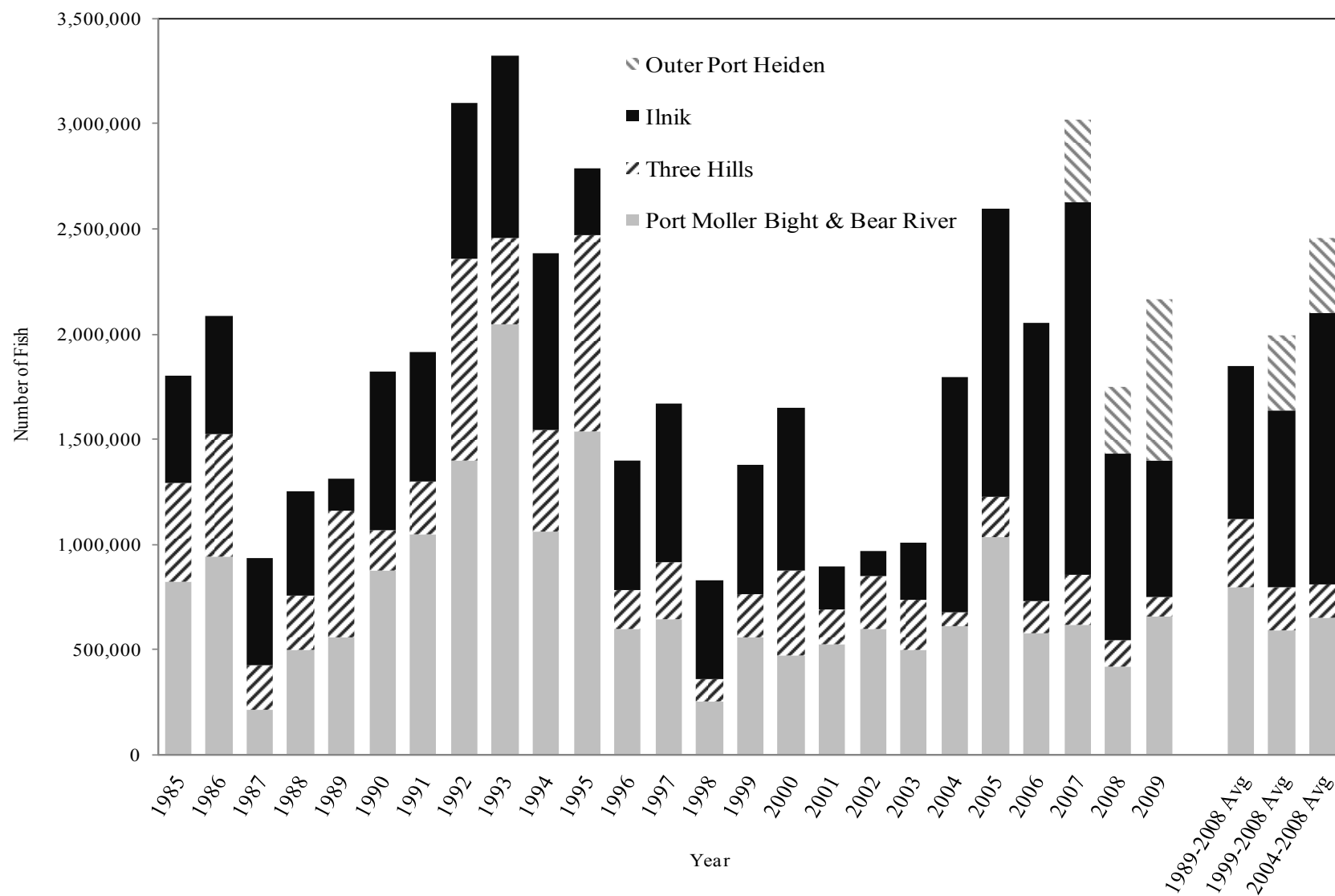


Figure 5.—Port Moller Bight, Bear River, Three Hills, and Ilnik sections commercial sockeye salmon harvest, 1985-2009.

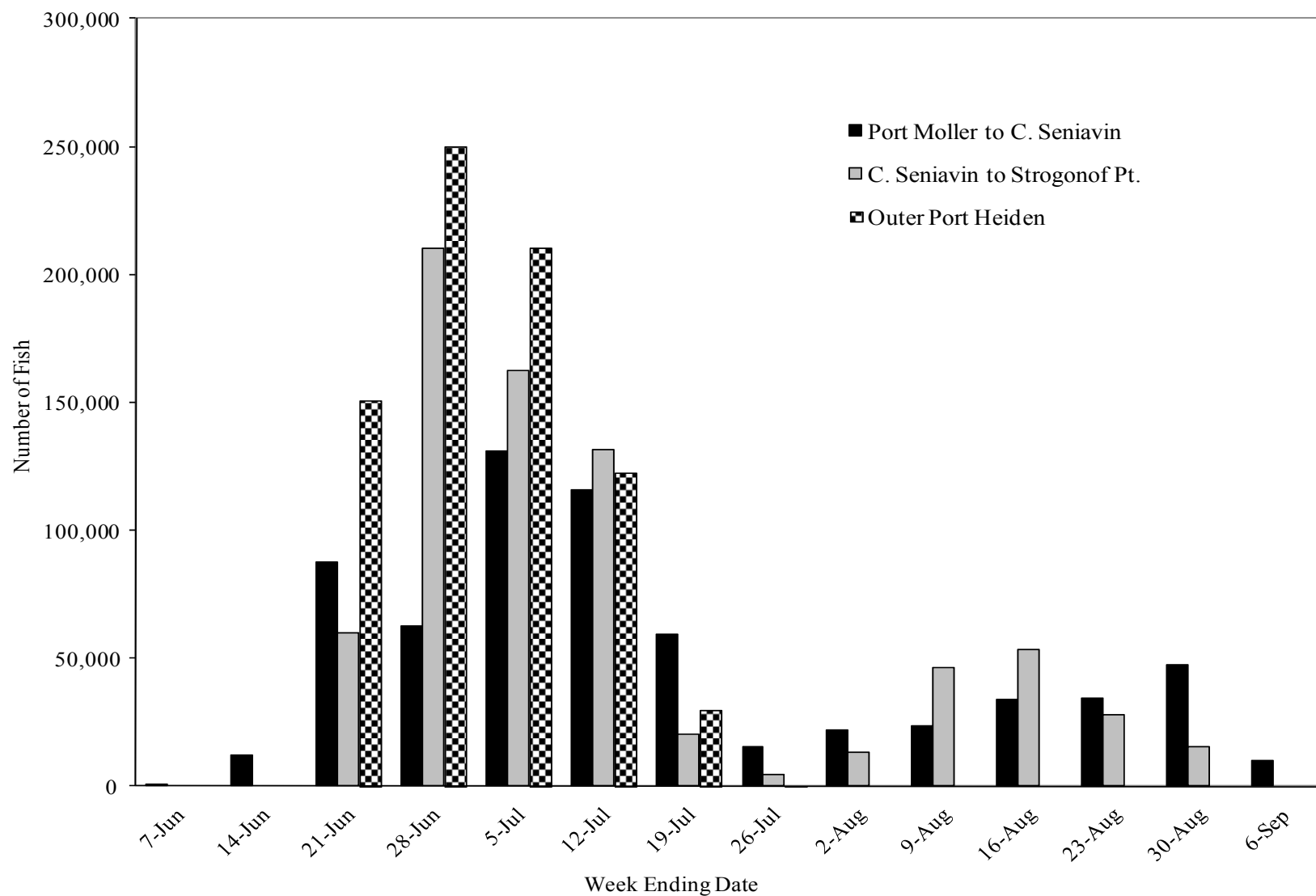


Figure 6.—Port Moller to Cape Seniavin, Cape Seniavin to Strogonof Point, and Outer Port Heiden sockeye salmon catch by week, 2009.

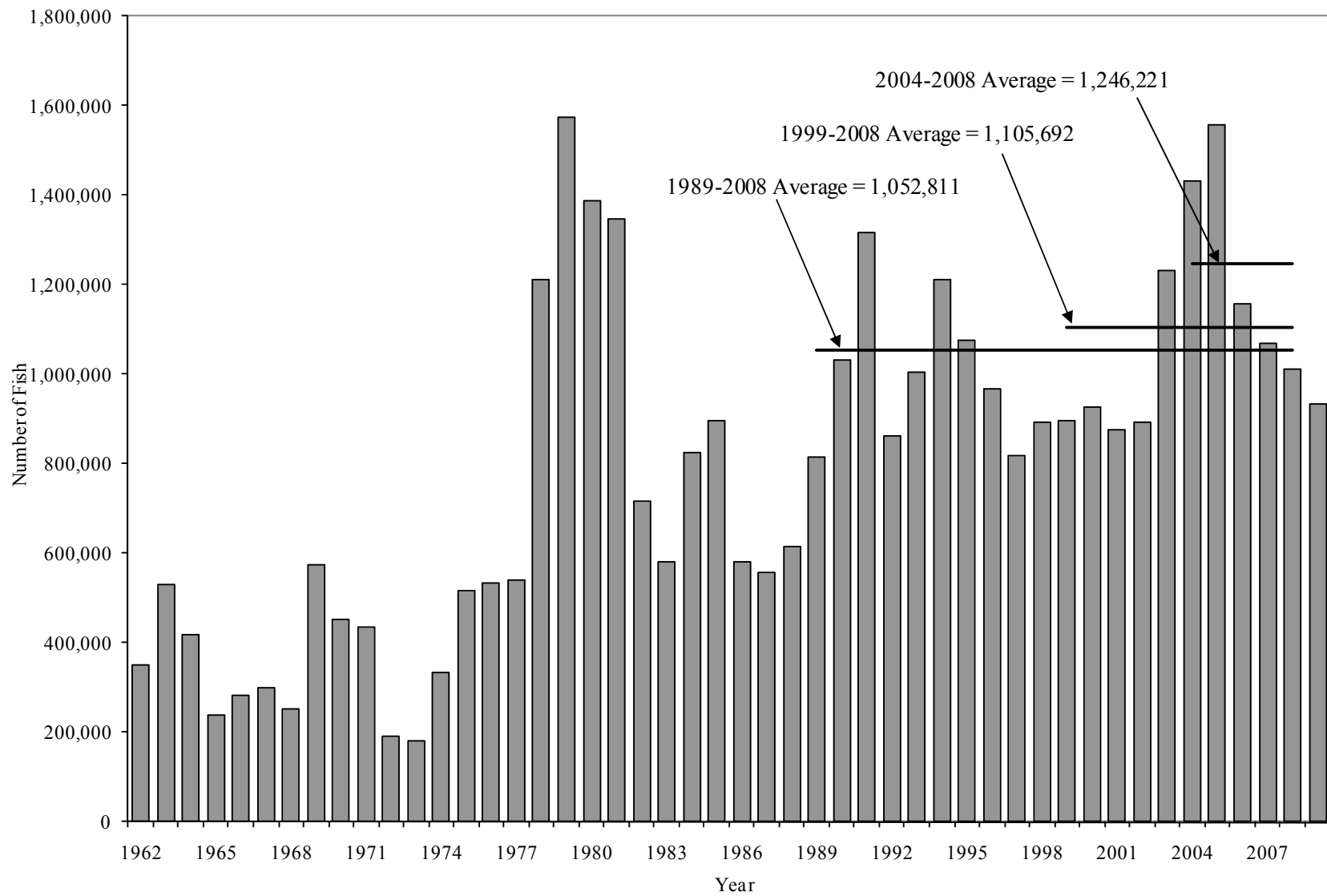


Figure 7.—North Alaska Peninsula sockeye salmon escapement, 1962-2009.

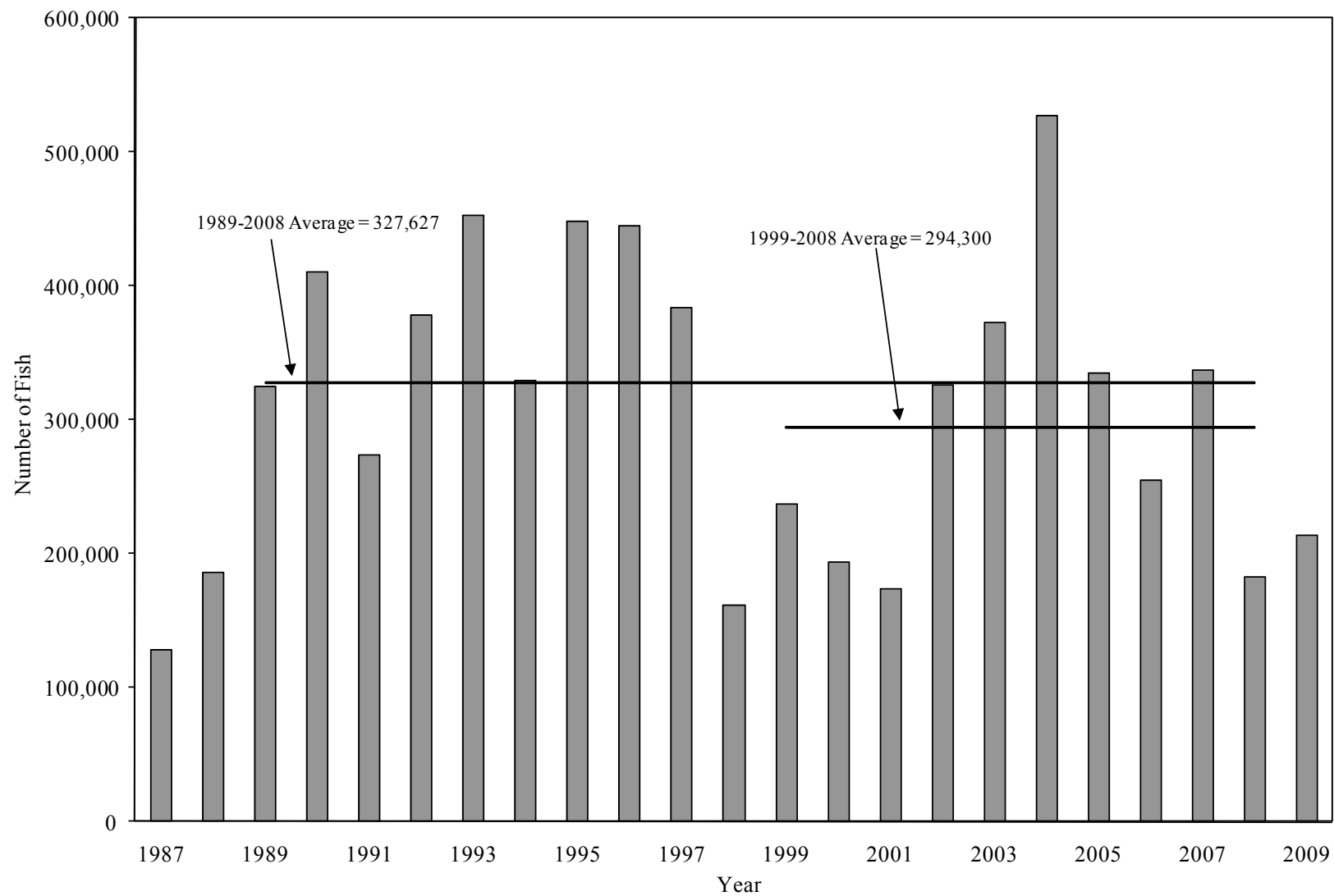


Figure 8.—Nelson Lagoon commercial sockeye salmon harvest, 1987-2009.

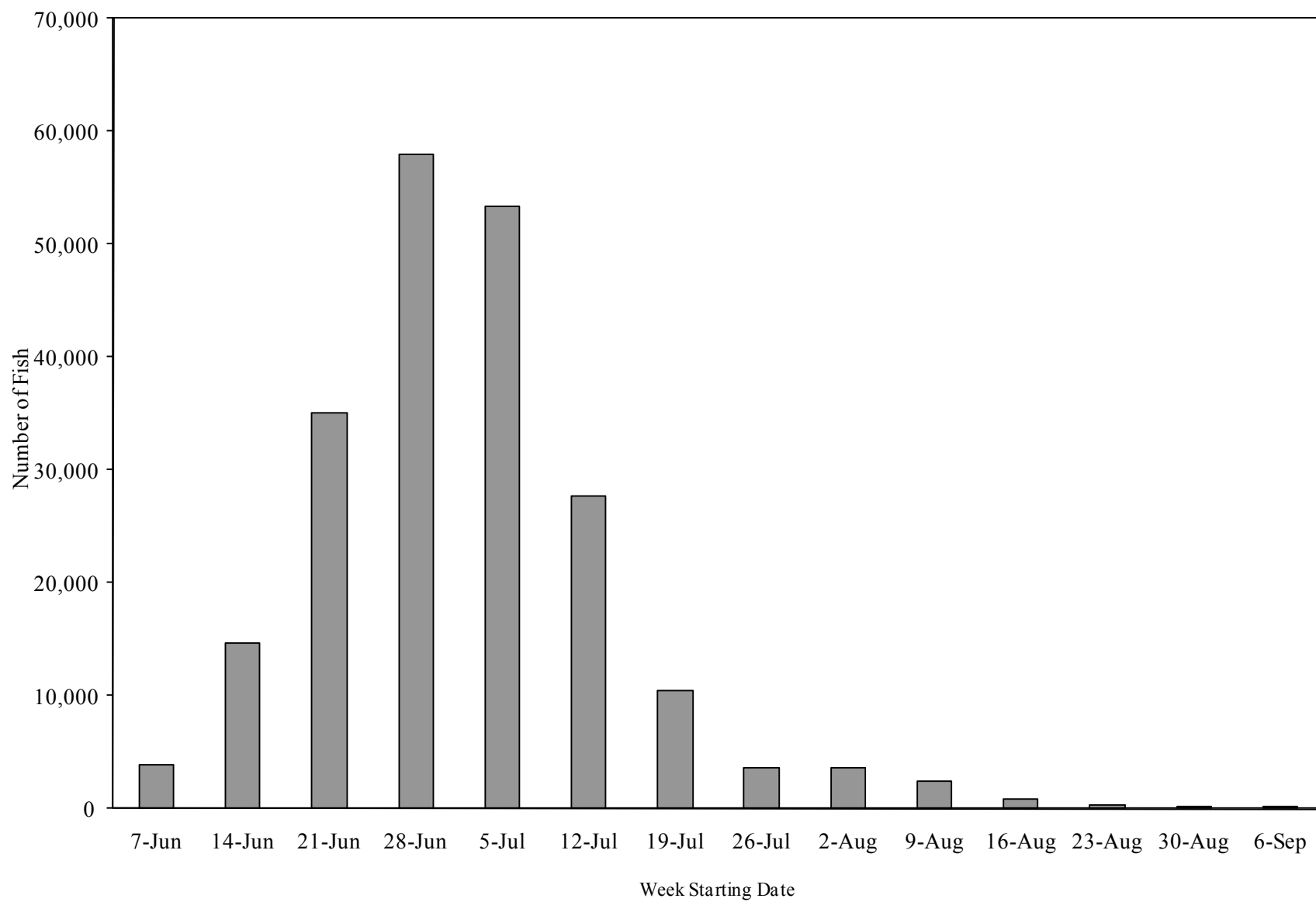


Figure 9.—Nelson Lagoon commercial sockeye salmon harvest by week, 2009.

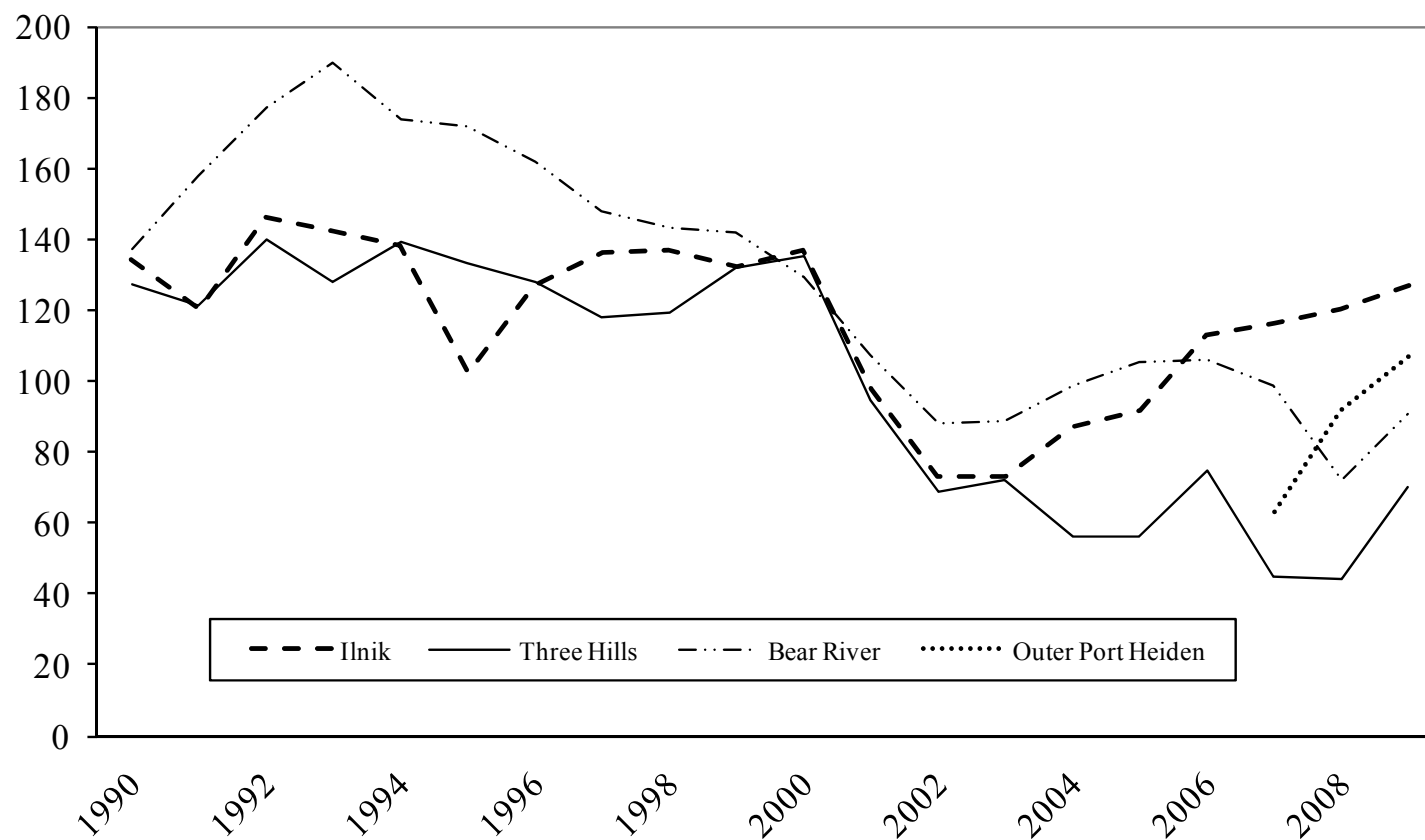


Figure 10.—Number of permits fished in the Ilnik, Three Hills, Bear River, and Outer Port Heiden sections, 1990-2009.

**APPENDIX A. NORTH ALASKA PENINSULA SALMON
ESCAPEMENT, 2009**

Appendix A1.–North Alaska Peninsula estimated total escapement for Chinook, sockeye, pink, and chum salmon, and peak escapement counts for coho salmon, 2009.

NORTHWESTERN DISTRICT						
Stream No.	Stream Name	Number of Salmon ^a				
		Chinook	Sockeye	Coho	Pink	Chum
URILIA BAY SECTION						
311-30.06	Divide Cr.					
311-30.07	Whaleback Mtn. Cr.		36,700			
311-30.08	Christianson Lgn.		11,400			
<i>Christianson Lagoon System total</i>			<i>48,100</i>			
311-30.09	Mudhole		500			
311-30.10	Clear Lgn.					
<i>Peterson Lagoon System total</i>			<i>500</i>			
311-40.01	Emil's River					
311-40.04	North Cr.					
311-40.07	Otter Point Cr.					
Total Urilia Bay Section		0	48,600	0	0	0
SWANSON LAGOON SECTION						
311-50.01	Big River					
311-50.02	Swanson Lgn. System		1,000			
Total Swanson Lagoon Section		0	1,000	0	0	0
BECHEVIN BAY SECTION						
311-60.01	St. Catherine Cove		100			42,020
311-60.06	Anderson's Cr.				31,000	
311-60.07 & .08	Trader's Cove				41,000	
311-60.12	Warm Springs Bay					
311-60.13	Hungry's Cr.					
311-60.18	Lampsport Lagoon					
Total Bechevin Bay Section		0	100	0	72,000	42,020
IZEMBEK-MOFFET BAY SECTION						
312-20.01	Norma Bay Lakes		5,000			12,390
312-20.02	Mike's Duck Camp Cr.			50	2,400	
312-20.03	Norma Bay, South		1,100	100		2,200
312-20.04	Third Bridge Cr.					2,600
312-20.05	Frosty Cr.		400			10,790
312-20.06	Blue Bill Lake		2,700			
312-20.13	Outer Marker Lakes					
312-20.51	Springs S Frosty Cr.					6,500
312-20.52	Second Bridge Cr.		100			1,800
<i>Izembek Lagoon Total</i>		<i>0</i>	<i>9,300</i>	<i>150</i>	<i>2,400</i>	<i>36,280</i>
312-40.01	Joshua Green River		27,900	69,800		
312-40.02	Moffet Springs Cr.		2,100			
312-40.03	Moffet Cr.			320		160
312-40.04	Unnamed					
312-40.05	Unnamed					
<i>Moffet Bay total</i>		<i>0</i>	<i>30,000</i>	<i>70,120</i>	<i>0</i>	<i>160</i>
Total Izembek-Moffet Bay Section		0	39,300	70,270	2,400	36,440
NORTHWESTERN DISTRICT TOTAL		0	89,000	70,270	74,400	78,460

-continued-

NORTHERN DISTRICT						
Stream No.	Stream Name	Number of Salmon ^a				
		Chinook	Sockeye	Coho	Pink	Chum
BLACK HILLS SECTION						
313-10.02	North Cr.	200	8,000	5,700		5,000
313-10.05	Cathedral River					
313-10.06	Russian River					
313-10.09	AMOCO Airstrip Cr.			300		600
313-10.11	Black Hills Cr.	1,200		2,200		
313-10.14	Steelhead Cr.	300		3,000		1,200
Total Black Hills Section		1,700	8,000	11,200	0	6,800
NELSON LAGOON SECTION						
313-30.01	David's R. (early)					
313-30.01 & .04	David's R. (late)		500			
313-30.02	Caribou River		2,000			
313-30.03	Nelson (Sapsuk) River	2,048	157,000	22,000	68	499
Total Nelson Lagoon Section		2,048	159,500	22,000	68	499
HERENDEEN-MOLLER BAY SECTION						
314-20.02	Buck Valley					
314-20.03	Doe Valley					300
314-20.04	Deer Valley			200	2,000	11,000
314-20.05	Portage Valley			200		800
314-20.06	Grass Valley		3,000	300	4,000	25,000
314-20.07	Lawrence Valley			800	5,000	22,000
314-20.08	Mine Hbr.					200
314-20.09	Coal Cr.				1,300	6,100
Herendeen Bay total		0	3,000	1,500	12,300	65,400
314-30.04	Mud Bay, West			50		2,700
314-30.05	Mud Bay, East			200	900	35,100
314-30.07	Head Cr., Rt Head			50		200
314-30.09	Right Head Cr.			700	800	3,000
314-30.10	Left Head Cr.			3,000	2,000	6,000
Moller Bay total		0	0	4,000	3,700	47,000
Total Herendeen-Moller Bay Section		0	3,000	5,500	16,000	112,400
BEAR RIVER SECTION						
315-10.01	Frank's Lgn.			900		2,000
315-10.02	King Salmon R.	350		600		
315-11.02	Bear River	800	349,500		863	123
315-12.01	Sandy River	146	36,000		54	9
Total Bear River Section		1,296	385,500	1,500	917	2,132
THREE HILLS SECTION						
316-10.01	Lime Cr.		800	100		3,000
316-10.02	Unnamed			50		300
316-10.04	SW of 3-Hills		800	400		900
Total Three Hills Section		0	1,600	550	0	4,200

-continued-

NORTHERN DISTRICT (continued)						
Stream No.	Stream Name	Number of Salmon ^a				
		Chinook	Sockeye	Coho	Pink	Chum
ILNIK SECTION						
316-10.05	Ocean River		16,000	7,000		
316-10.06	Willie Creek		11,000			
316-20.01	Ilnik Lagoon System	13	39,000	17,700	56	
316-20.04	Unangashak			3,575		
Total Ilnik Section		13	66,000	28,275	56	0
INNER PORT HEIDEN SECTION						
317-20.02	Charles Cr.					
317-20.04 A & B	Red & Yellow Bluff Creeks		24,500	4,400		100
317-20.06	Highland Cr.		200			
West Port Heiden Bay Total		0	24,700	4,400	0	100
317-20.07 A	Meshik River, main stem	600	16,000	19,000		
317-20.07 B	Braided Cr.	700	2,000			600
317-20.07 C	Landlocked Cr.		7,000	9,000		
317-20.07 D	Bluff Cr.		3,500			
317-20.07 E	Blue Violet Cr.		10,000			
317-20.07 F	Wolf Cr.					1,000
317-20.07 G	Unnamed					400
317-20.07 H	Shoe Cr.	100	400			6,000
317-20.07 J	Unnamed					300
317-20.07 K	Unnamed		4,000			
317-20.07 L	Unnamed	400	6,000			
317-20.07 M	Unnamed		3,000			1,000
317-20.07 N	Unnamed	400	5,000			
317-20.07 O	Plenty Bear Cr.	800	6,000			1,200
317-20.07 O-A	Paddle Cr.					1,100
317-20.07 P	Waterfall Cr.					
317-20.07 R	Rainbow Cr.		300			900
317-20.07 T	Cub Cr.		300			
Meshik River total		3,000	63,500	28,000	0	12,500
317-20.08	Birthday Cr.					3,000
317-20.09	Barabara Cr.					
Total Inner Port Heiden Section		3,000	88,200	32,400	0	15,600
OUTER PORT HEIDEN SECTION						
318-10.01	Reindeer Cr.					1,200
Total Outer Port Heiden Section		0	0	0	0	1,200

-continued-

NORTHERN DISTRICT (continued)						
Stream No.	Stream Name	Number of Salmon ^a				
		Chinook	Sockeye	Coho	Pink	Chum
CINDER RIVER SECTION						
318-20.01	Unnamed					
318-20.04	Mud Cr.		31,000	17,000		
318-20.06 A	Cinder River, main stem		24,000	18,000		2,000
318-20.06 B	Unnamed					
318-20.06 C	Unnamed					200
318-20.06 D	Lava Creek		39,000			3,000
318-20.06 E	High Creek		500			
318-20.06 H	Meloy Cr.	1,500	8,000			2,000
318-20.06 J	Wiggly Cr.	3,100	29,000			4,000
318-20.06 K	Ray Cr.	150	2,100			
318-20.06 L	Unnamed					100
<i>Cinder River total</i>		<i>4,750</i>	<i>102,600</i>	<i>18,000</i>	<i>0</i>	<i>11,300</i>
Total Cinder River Section		4,750	133,600	35,000	0	11,300
NORTHERN DISTRICT TOTAL		12,807	845,400	136,425	17,041	154,131
TOTAL NORTH PENINSULA		12,807	934,400	206,695	91,441	232,591

^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, 2009.

Stream	Date	Observer	Location	Visi- bility	Species					Observer Remarks
					Chinook	Sockeye	Coho	Pink	Chum	
Divide Creek, 311-3006										
	06/25/2009		Stream	E	0	0	0	0	0	
	Aaron Poetter		Mouth	E	0	0	0	0	0	
			Bay							
Whaleback Mtn Crk, 311-3007										
	06/16/2009		Stream	G	0	200	0	0	0	JUMPERS IN THE BAY. BEARS FISHING IN THE MOUTH.
	Aaron Poetter / Matt Keyse		Mouth	G	0	10,000	0	0	0	
			Bay	G	0	0	0	0	0	
	06/20/2009		Stream	P	0	4	0	0	0	JUMPERS IN THE BAY. BEARS FISHING IN THE MOUTH.
	Aaron Poetter / Matt Keyse		Mouth	P	0	0	0	0	0	
			Bay	P	0	0	0	0	0	
	06/25/2009		Stream	E	0	0	0	0	0	
	Aaron Poetter		Mouth	E	0	0	0	0	0	
			Bay							
	07/07/2009		Stream	P	0	1,200	0	0	0	
	Aaron Poetter / Matt Keyse		Mouth	P	0	1,100	0	0	0	
			Bay	P	0	1,500	0	0	0	
	07/14/2009		Stream	G	0	36,700	0	0	0	
	Aaron Poetter / Matt Keyse		Mouth	G	0	4,000	0	0	0	
			Bay	G	0	0	0	0	0	
Christianson Lagoon, 311-3008										
	06/25/2009		Stream	G	0	10,000	0	0	0	JUMPERS IN THE BAY. BEARS FISHING IN THE MOUTH AND THE TIDE IS OUT. STEVE AND I PUT UP THE MARKERS AT 500 YARDS.
	Aaron Poetter		Mouth	G	0	500	0	0	0	
			Bay	F	0	0	0	0	0	
	07/14/2009		Stream	G	0	1,400	0	0	0	
	Aaron Poetter / Matt Keyse		Mouth	G	0	0	0	0	0	
			Bay	G	0	0	0	0	0	
Mud Hole, 311-3009										
	06/16/2009		Stream	G	0	0	0	0	0	
	Aaron Poetter / Matt Keyse		Mouth	G	0	0	0	0	0	
			Bay	G	0	0	0	0	0	
	06/20/2009		Stream	P	0	0	0	0	0	
	Aaron Poetter / Matt Keyse		Mouth	P	0	0	0	0	0	
			Bay	P	0	0	0	0	0	

-continued-

Appendix A2.–Page 2 of 21.

Stream	Date	Observer	Location	Visi- bility	Species					Observer Remarks
					Chinook	Sockeye	Coho	Pink	Chum	
	06/25/2009	Aaron Poetter	Stream	G	0	0	0	0	0	SALMON STARTING TO MOVE INTO PETERSON LAGOON
	Mouth		G	0	500	0	0	0		
	Bay									
07/07/2009	Aaron Poetter / Matt Keyse	Stream	P	0	5	0	0	0		
		Mouth	P	0	0	0	0	0		
		Bay	P	0	0	0	0	0		
07/14/2009	Aaron Poetter / Matt Keyse	Stream	G	0	0	0	0	0		
		Mouth	G	0	500	0	0	0		
		Bay	G	0	0	0	0	0		
Swanson Lagoon, 311-5002										
06/16/2009	Aaron Poetter / Matt Keyse	Stream	G	0	0	0	0	0		
		Mouth	G	0	0	0	0	0		
		Bay	G	0	0	0	0	0		
06/20/2009	Aaron Poetter / Matt Keyse	Stream	P	0	0	0	0	0		
		Mouth	P	0	0	0	0	0		
		Bay	P	0	0	0	0	0		
06/25/2009	Aaron Poetter	Stream	F	0	0	0	0	0	ONE BEAR FISHING AT MOUTH. NO FISH OBSERVED.	
		Mouth	F	0	0	0	0	0		
		Bay	P							
07/07/2009	Aaron Poetter / Matt Keyse	Stream	P	0	0	0	0	0		
		Mouth	P	0	0	0	0	0		
		Bay	P	0	0	0	0	0		
07/14/2009	Aaron Poetter / Matt Keyse	Stream	G	0	300	0	0	0		
		Mouth	G	0	700	0	0	0		
		Bay	G	0	0	0	0	0		
08/14/2009	Matt Keyse	Stream	F	0	0	0	0	60	CARCASSES: 130 CHUM. APPEARS THAT MOST FISH HAVE SPAWNED AND THE MAJORITY OF THE REMAINING CARCASSES WERE PRIMARILY IN DEEP POOLS.	
		Mouth	F	0	0	0	0	0		
		Bay	F	0	0	0	0	0		
Mike's Valley, 311-6001										
07/07/2009	Aaron Poetter / Matt Keyse	Stream	P	0	0	0	0	0		
		Mouth	P	0	0	0	0	20		
		Bay	P	0	0	0	0	0		
07/14/2009	Aaron Poetter / Matt Keyse	Stream	G	0	100	0	0	2,700		
		Mouth	G	0	0	0	0	0		
		Bay	G	0	0	0	0	0		

-continued-

Appendix A2.–Page 3 of 21.

Stream	Date	Observer	Location	Visi- bility	Species					Observer Remarks
					Chinook	Sockeye	Coho	Pink	Chum	
07/30/2009 Aaron Poetter / Matt Keyse			Stream	G	0	0	0	0	42,000	
			Mouth	G	0	0	0	0	0	
			Bay	G	0	0	0	0	0	
08/14/2009 Matt Keyse			Stream	F	0	0	0	0	10,000	CARCASSES: 270 CHUM
			Mouth	F	0	0	0	0	0	
			Bay	F	0	0	0	0	1,000	
Anderson's Creek, 311-6006 08/14/2009 Matt Keyse			Stream	G	0	0	0	31,000	0	
			Mouth	G	0	0	0	0	0	
			Bay	G	0	0	2,000	3,000	0	
Trader's Cove, 311-6008 08/14/2009 Matt Keyse			Stream	F	0	0	0	41,000	0	
			Mouth	F	0	0	0	0	0	
			Bay	F	0	0	0	0	0	
Warm Springs Bay, 311-6012 08/14/2009 Matt Keyse			Stream	F	0	0	0	0	0	
			Mouth	F	0	0	0	0	0	
			Bay	F	0	0	0	2,000	0	
Norma Bay Lakes, 312-2001 08/04/2009 Bob Murphy			Stream	P	0	0	0	0	0	TOO MURKY
			Mouth							
			Bay							
08/21/2009 Matt Keyse			Stream	G	0	5,000	0	0	11,600	700 CHUM CARCASSES
			Mouth							
			Bay							
09/13/2009 Matt Keyse			Stream	F	0	0	0	0	40	
			Mouth	F	0	0	0	0	0	
			Bay	F	0	0	0	0	0	
Mike's Duck Camp, 312-2002 08/21/2009 Matt Keyse			Stream	G	0	0	0	2,400	0	70 PINK CARCASSES
			Mouth							
			Bay							
09/13/2009 Matt Keyse			Stream	F	0	0	50	0	100	
			Mouth	F	0	0	0	0	0	
			Bay	F	0	0	0	0	0	

-continued-

Appendix A2.–Page 4 of 21.

Stream	Date	Observer	Location	Visi- bility	Species					Observer Remarks
					Chinook	Sockeye	Coho	Pink	Chum	
Alligator Hole, Ctr., 312-2003										
	08/21/2009		Stream	G	0	1,100	0	0	2,200	
		Matt Keyse	Mouth	G	0	0	0	0	0	
			Bay	G	0	0	0	0	1,000	
	09/13/2009		Stream	F	0	0	100	0	620	
		Matt Keyse	Mouth	F	0	0	0	0	0	
			Bay	F	0	0	0	0	0	
Alligator Hole, East, 312-2004										
	08/21/2009		Stream	G	0	0	0	0	2,600	
		Matt Keyse	Mouth	G	0	0	0	0	0	
			Bay	G	0	0	0	0	0	
Frosty Creek, 312-2005										
	08/21/2009		Stream	G	0	400	0	0	10,500	290 CHUM CARCASSES
		Matt Keyse	Mouth							
			Bay							
	09/13/2009		Stream	F	0	0	0	0	510	
		Matt Keyse	Mouth	F	0	0	0	0	0	
			Bay	F	0	0	0	0	0	
Blue Bill Lake, 312-2006										
	09/13/2009		Stream	F	0	2,700	0	0	0	
		Matt Keyse	Mouth	F	0	0	0	0	0	
			Bay	F	0	0	0	0	0	
Springs S Frosty Crk, 312-2051										
	08/21/2009		Stream	G	0	0	0	0	1,000	
		Matt Keyse	Mouth							
			Bay							
	09/13/2009		Stream	F	0	0	0	0	1,500	CARCASSES: 5,000 CHUM
		Matt Keyse	Mouth	F	0	0	0	0	0	
			Bay	F	0	0	0	0	0	
2nd W Of Frosty Crk, 312-2052										
	08/21/2009		Stream	G	0	100	0	0	1,300	
		Matt Keyse	Mouth							
			Bay							
	09/13/2009		Stream	F	0	0	0	0	1,000	CARCASSES: 200 CHUM
		Matt Keyse	Mouth	F	0	0	0	0	0	
			Bay	F	0	0	0	0	0	

-continued-

Appendix A2.–Page 5 of 21.

Stream	Date	Observer	Location	Visi- bility	Species					Observer Remarks
					Chinook	Sockeye	Coho	Pink	Chum	
Joshua Green River, 312-4001	08/14/2009	Matt Keyse	Stream	F	0	27,900	0	0	0	A LOT OF RUN-OFF. DIFFICULT TO ESTIMATE FISH WITH THE EXCEPTION OF WHEN THEY WERE CLOSE TO THE EDGES. STREAM A: 22,700 SOCKEYE; STREAM B: 5,200 SOCKEYE AND 6,000 CHUM IN THE BAY.
			Mouth	G	0	0	0	0	0	
			Bay	G	0	0	0	0	6,000	
	09/12/2009	Matt Keyse	Stream	F	0	600	69,800	0	0	RIGHT VALLEY (312-4001 A): 600 SOCKEYE, 48,000 COHO, AND 8,300 SOCKEYE CARCASSES; LEFT VALLEY(312-4001 B): 21,800 COHO, 130 SOCKEYE CARCASSES
			Mouth	F	0	0	0	0	0	
			Bay	F	0	0	0	0	0	
Moffet Springs Crk, 312-4002	08/14/2009	Matt Keyse	Stream	G	0	0	0	0	6,800	
			Mouth							
			Bay							
Moffet Creek, 312-4003	08/14/2009	Matt Keyse	Stream	G	0	2,100	0	0	0	
			Mouth							
			Bay							
	09/13/2009	Matt Keyse	Stream	G	0	0	320	0	160	FLAT LIGHT; DARK BOTTOM WITH LITTLE CONTRAST
			Mouth	G	0	0	0	0	0	
			Bay	G	0	0	0	0	0	
North Creek, 313-1002	08/07/2009	Bob Murphy	Stream	G	200	8,000	0	0	0	CREEK A IS TOO MURKY; CREEK B HAS 3,000 SOCKEYE AND 200 CHINOOK; CREEK C HAS 2,000 SOCKEYE IN LAKES; CREEK D HAS 3,000 SOCKEYE
			Mouth							
			Bay							
	09/06/2009	Bob Murphy	Stream	G	0	0	5,700	0	5,000	CREEK C: SHARES MOUTH WITH CATHEDRAL CREEK AND HAD 2,600 COHO; CREEK B HAD 3,100 COHO AND 5,000 CHUM
			Mouth							
			Bay							
Cathedral River, 313-1005	08/07/2009	Bob Murphy	Stream	P	0	0	0	0	0	TOO MURKY
			Mouth							
			Bay							
	09/06/2009	Bob Murphy	Stream	P						VERY MUDDY - TOO MURKY
			Mouth							
			Bay							

-continued-

Appendix A2.–Page 6 of 21.

Stream	Date	Observer	Location	Visi- bility	Species					Observer Remarks
					Chinook	Sockeye	Coho	Pink	Chum	
Trader Mtn Cr, 313-1006	08/07/2009	Bob Murphy	Stream Mouth Bay	P	0	0	0	0	0	TOO MURKY
	09/06/2009	Bob Murphy	Stream Mouth Bay	P						VERY MUDDY - TOO MURKY
Next To Amco Airstrp, 313-1009	08/07/2009	Bob Murphy	Stream Mouth Bay	G	0	0	0	0	600	
	09/06/2009	Bob Murphy	Stream Mouth Bay	G	0	0	300	0	0	
Black Hills Creek, 313-1011	08/07/2009	Bob Murphy	Stream Mouth Bay	G	1,200	0	0	0	0	
	09/06/2009	Bob Murphy	Stream Mouth Bay	G	0	0	2,200	0	0	
Steelhead Creek, 313-1014	08/07/2009	Bob Murphy	Stream Mouth Bay	G	300	0	0	0	1,200	
	09/06/2009	Bob Murphy	Stream Mouth Bay	G	0	0	3,000	0	0	
David's River, 313-3001	08/07/2009	Bob Murphy	Stream Mouth Bay	G	0	500	0	0	0	500 SOCKEYE ABOVE THE CABIN AND ZERO FISH IN BIG FISH LAKE
Caribou River, 313-3002	08/07/2009	Bob Murphy	Stream Mouth	P	0	2,000	0	0	0	VERY MURKY

-continued-

Appendix A2.–Page 7 of 21.

Stream	Date	Observer	Location	Visi- bility	Species					Observer Remarks
					Chinook	Sockeye	Coho	Pink	Chum	
Nelson R./hoodoo L., 313-3003	07/25/2009	Bob Murphy	Stream Mouth Bay	G	800	0	0	0	0	CHINOOK BELOW WEIR SITE AND NEED TO BE ADDED TO TOAL WEIR COUNT.
	08/25/2009	Bob Murphy	Stream Mouth Bay	G	0	0	6,000	0	0	DISTANCE SURVEYED: FISH & GAME CABIN TO LAGOON; LOWER RIVER IS MURKY
	09/06/2009	Bob Murphy	Stream Mouth Bay	G	0	0	22,000	0	0	DISTANCE SURVEYED: THREE MILES ABOVE WEIR SITE TO LAGOON
Buck Valley, 314-2002	08/17/2009	Trent Hartill	Stream Mouth Bay	G	0	0	0	0	0	DID NOT SEE ANY FISH
	08/30/2009	Bob Murphy / Dawn Wilburn	Stream Mouth Bay	G	0	0	0	0	0	
	09/06/2009	Bob Murphy	Stream Mouth Bay	G	0	0	0	0	0	
Doe Valley, 314-2003	08/17/2009	Trent Hartill	Stream Mouth Bay	G	0	0	0	0	0	DID NOT SEE ANY FISH
	08/30/2009	Bob Murphy / Dawn Wilburn	Stream Mouth Bay	G	0	0	0	0	300	
	09/06/2009	Bob Murphy	Stream Mouth Bay	G	0	0	0	0	0	
Deer Valley, 314-2004	08/17/2009	Trent Hartill	Stream Mouth Bay	G	0	0	0	0	2,900	CARCASSES: 500 CHUM. WATER WAS A LITTLE MURKY.

-continued-

Appendix A2.–Page 8 of 21.

Stream	Date	Observer	Location	Visi- bility	Species					Observer Remarks
					Chinook	Sockeye	Coho	Pink	Chum	
	08/30/2009	Bob Murphy / Dawn Wilburn	Stream Mouth Bay	G	0	0	0	2,000	11,000	CHUMS ARE FAR UPRIVER
	09/06/2009	Bob Murphy	Stream Mouth Bay	G	0	0	200	0	0	
Portage Valley, 314-2005										
	07/17/2009	Bob Murphy	Stream Mouth Bay	G	0	0	0	0	50	
	08/17/2009	Trent Hartill	Stream Mouth Bay	G	0	0	0	0	0	DID NOT SEE ANY FISH
	08/30/2009	Bob Murphy / Dawn Wilburn	Stream Mouth Bay	G	0	0	0	0	800	
	09/06/2009	Bob Murphy	Stream Mouth Bay	G	0	0	200	0	0	
Grass Valley, 314-2006										
	07/17/2009	Bob Murphy	Stream Mouth Bay	G	0	3,000	0	0	0	SOCKEYE ARE COLORED UP IN LAKE AND CHUM ARE LOCATED AT THE MOUTH
				G	0	0	0	0	500	
	08/17/2009	Trent Hartill	Stream Mouth Bay	G	0	0	0	400	6,400	
	08/30/2009	Bob Murphy / Dawn Wilburn	Stream Mouth Bay	G	0	0	0	4,000	25,000	
	09/06/2009	Bob Murphy	Stream Mouth Bay	G	0	0	300	0	0	
Lawrence Valley, 314-2007										
	07/17/2009	Bob Murphy	Stream Mouth	G	0	0	0	0	500	CHUMS AT MOUTH IN THE OCEAN AND 500 UPRIVER A 1/2 MILE.
				G	0	0	0	0	1,500	

-continued-

Appendix A2.–Page 9 of 21.

Stream	Date	Observer	Location	Visi- bility	Species					Observer Remarks
					Chinook	Sockeye	Coho	Pink	Chum	
	08/17/2009	Trent Hartill	Stream Mouth Bay	G	0	0	0	0	6,900	
	08/30/2009	Bob Murphy / Dawn Wilburn	Stream Mouth Bay	G	0	0	0	5,000	22,000	
	09/06/2009	Bob Murphy	Stream Mouth Bay	G	0	0	800	0	0	
Mine Harbor, 314-2008	08/30/2009	Bob Murphy / Dawn Wilburn	Stream Mouth Bay	G	0	0	0	0	200	
Coal Creek, 314-2009	07/17/2009	Bob Murphy	Stream Mouth Bay	G	0	0	0	0	0	NO FISH
	08/07/2009	Bob Murphy	Stream Mouth Bay	P	0	0	0	0	0	TOO MURKY
	08/17/2009	Trent Hartill	Stream Mouth Bay	G	0	0	0	0	1,500	CARCASSES: 500 CHUM
	08/30/2009	Bob Murphy / Dawn Wilburn	Stream Mouth Bay	G	0	0	0	1,300	6,100	
	09/06/2009	Bob Murphy	Stream Mouth Bay	G	0	0	0	0	1,200	
Mud Bay 3004, 314-3004	08/30/2009	Bob Murphy / Dawn Wilburn	Stream Mouth Bay	G	0	0	0	0	2,500	PLUS 200 CARCASSES
	09/06/2009	Bob Murphy	Stream Mouth Bay	G	0	0	50	0	0	

-continued-

Appendix A2.–Page 10 of 21.

Stream	Date	Observer	Location	Visi- bility	Species					Observer Remarks
					Chinook	Sockeye	Coho	Pink	Chum	
Mud Bay 3005, 314-3005	08/30/2009	Bob Murphy / Dawn Wilburn	Stream Mouth Bay	G	0	0	0	900	35,000	100 CHUM CARCASSES
	09/06/2009	Bob Murphy	Stream Mouth Bay	G	0	0	200	0	0	
Head Creek, Right Hd, 314-3007	08/30/2009	Bob Murphy / Dawn Wilburn	Stream Mouth Bay	G	0	0	0	0	200	
	09/06/2009	Bob Murphy	Stream Mouth Bay	G	0	0	50	0	0	
Right Head Creek, 314-3009	08/30/2009	Bob Murphy / Dawn Wilburn	Stream Mouth Bay	G	0	0	0	800	3,000	
	09/06/2009	Bob Murphy	Stream Mouth Bay	G	0	0	700	0	0	
Left Head Creek, 314-3010	08/30/2009	Bob Murphy / Dawn Wilburn	Stream Mouth Bay	G	0	0	0	2,000	6,000	5,000 CHUMS IN SLOUGH AND 1,000 CHUMS IN SW SLOUGH
	09/06/2009	Bob Murphy	Stream Mouth Bay	G	0	0	3,000	0	0	COHO ARE IN LOWER ONE MILE
Frank's Lagoon, 315-1001	07/25/2009	Bob Murphy	Stream Mouth Bay	G	0	0	0	0	2,000	
	09/06/2009	Bob Murphy	Stream Mouth Bay	G	0	0	900	0	0	

-continued-

Appendix A2.–Page 11 of 21.

Stream	Date	Observer	Location	Visi- bility	Species					Observer Remarks
					Chinook	Sockeye	Coho	Pink	Chum	
King Salmon River, 315-1002										
	06/30/2009	Bob Murphy	Stream Mouth Bay	P	0	0	0	0	0	TOO MURKY
	07/25/2009	Bob Murphy	Stream Mouth Bay	P	350	0	0	0	0	
	09/07/2009	Bob Murphy	Stream Mouth Bay	G	0	0	600	0	0	COHO ARE UPRIVER ABOUT THREE MILES
Bear River, Branches, 315-1102										
	06/18/2009	Bob Murphy	Stream Mouth Bay	G	0	2,000	0	0	0	SURVEYED MAD SOW TO WEIR.
	06/23/2009	Bob Murphy	Stream Mouth Bay	G	0	8,000	0	0	0	SURVEYED WEIR TO MAD SOW
	06/24/2009	Bob Murphy/Trent Hartill	Stream Mouth Bay	G	0	8,000	0	0	0	SOCKEYE ARE PRESENT FROM MOUTH TO WEIR, HOWEVER, 3,000 OF THESE FISH ARE HOLDING ABOVE MAD SOW
	06/26/2009	Bob Murphy/Trent Hartill	Stream Mouth Bay	G	0	5,000	0	0	0	SOCKEYE PRESENT FROM MOUTH TO WEIR
	06/27/2009	Bob Murphy	Stream Mouth Bay	G	0	2,000	0	0	0	SURVEYED FROM MOUTH TO WEIR
	06/29/2009	Trent Hartill	Stream Mouth Bay	G	0	8,000	0	0	0	VISIBILITY BETTER IN LOWER HALF OF RIVER. FISH SCATTERED THROUGHOUT. LOTS OF SMALLER GROUPS.
	06/30/2009	Bob Murphy	Stream Mouth Bay	G	0	12,000	0	0	0	SOCKEYE FROM WEIR TO MOUTH. AN ADDITIONAL 4,000 SOCKEYE ARE STILL HOLDING ABOVE MAD SOW
	07/01/2009	Bob Murphy/Trent Hartill	Stream Mouth Bay	G	0	28,000	0	0	0	DISTANCE SURVEYED: MOUTH TO WEIR. 18,000 SOCKEYE FROM MOUTH TO WEIR AND ANOTHER 10,000 SOCKEYE SCHOOLING ABOVE MAD SOW.

-continued-

Appendix A2.–Page 12 of 21.

Stream	Date	Observer	Location	Visi- bility	Species					Observer Remarks
					Chinook	Sockeye	Coho	Pink	Chum	
	07/25/2009	Bob Murphy	Stream Mouth Bay	G	800	0	0	0	0	SURVEYED RIDGERUNNER CREEK, WHICH IS A BRANCH OF BEAR RIVER
	08/04/2009	Bob Murphy	Stream Mouth Bay	P	0	4,000	0	0	0	SURVEYED MAD SOW TO WEIR; VERY MURKY; AT THE TIME OF THE FLIGHT, BEAR RIVER HAD A DAILY WEIR COUNT OF 3,700
	08/07/2009	Bob Murphy	Stream Mouth Bay	P	0	1,100	0	0	0	WATER IS VERY MURKY
	08/11/2009	Bob Murphy	Stream Mouth Bay	P	0	5,000	0	0	0	DISTANCE SURVEYED: WEIR TO MAD SOW. HIGH WATER AND POOR VISIBILITY.
	08/17/2009	Trent Hartill	Stream Mouth Bay	G	0	4,300	0	0	0	
	08/25/2009	Bob Murphy	Stream Mouth Bay	G	0	3,800	0	0	0	DISTANCE SURVEYED: WEIR TO MAD SOW
	08/27/2009	Bob Murphy	Stream Mouth Bay	G	0	1,800	0	0	0	DISTANCE SURVEYED: MAD SOW TO WEIR
	09/07/2009	Bob Murphy	Stream Mouth Bay	G	0	4,300	0	0	0	DISTANCE SURVEYED: LODGE TO MAD SOW. 4,300 SOCKEYE INCLUDING A SCHOOL OF 1,500 HOLDING NEAR MAD SOW. DID NOT COUNT FISH NEAR WEIR SITE.
Sandy River & Lake, 315-1201	07/25/2009	Bob Murphy	Stream Mouth Bay	P	0	1,200	0	0	0	SOCKEYE ARE LOCATED TWO MILES BELOW THE WEIR
	09/07/2009	Bob Murphy	Stream Mouth Bay	P	0	0	300	0	0	POOR VISIBILITY, MURKY WATER
Lime Creek, 316-1001	07/11/2009	Bob Murphy	Stream Mouth	G	0	800	0	0	200	

-continued-

Appendix A2.–Page 13 of 21.

Stream	Date	Observer	Location	Visi- bility	Species					Observer Remarks
					Chinook	Sockeye	Coho	Pink	Chum	
	08/07/2009	Bob Murphy	Stream Mouth Bay	G	0	0	0	0	2,800	SOME CHUM IN LOWER TWO MILES BUT MOST ARE FAR UPRIVER
	09/07/2009	Bob Murphy	Stream Mouth Bay	G	0	0	100	0	0	
Unn;c Seniavin/3hill, 316-1002	07/11/2009	Bob Murphy	Stream Mouth Bay	G	0	0	0	0	300	
	08/07/2009	Bob Murphy	Stream Mouth Bay	G	0	0	0	0	250	
	09/07/2009	Bob Murphy	Stream Mouth	G	0	0	50	0	0	
Sw Of 3 Hills, 316-1004	07/11/2009	Bob Murphy	Stream Mouth Bay	G	0	0	0	0	900	
	08/07/2009	Bob Murphy	Stream Mouth Bay	G	0	800	0	0	300	MOST SOCKEYE ARE BELOW LAKE OUTLET
	09/07/2009	Bob Murphy	Stream Mouth Bay	G	0	0	400	0	0	
Ocean River, 316-1005	06/22/2009	Bob Murphy	Stream Mouth Bay	G	0	2,000	0	0	0	
	06/23/2009	Bob Murphy	Stream Mouth Bay							STOPPED AT OCEAN/WILLIE CREEK BYPASS CHANNEL AND WALKED 1/2 MILE OF CREEK. WATER IS FLOWING FROM ILNIK LAKE TO WILLIE CREEK,THROUGH THE BYPASS CHANNEL TO OCEAN RIVER AND INTO THE BERING SEA
	06/30/2009		Stream	G	0	6,000	0	0	0	SOCKEYE IS VISIBLE IN LOWER THREE MILES;

-continued-

Appendix A2.–Page 14 of 21.

Stream	Date	Observer	Location	Visi- bility	Species					Observer Remarks
					Chinook	Sockeye	Coho	Pink	Chum	
		Bob Murphy	Mouth Bay							FOUR SPORT FISHERMEN ARE ONE MILE UPRIVER
	07/06/2009	Bob Murphy	Stream Mouth Bay	G	0	7,000	0	0	0	SOCKEYE ARE IN LOWER THREE MILES
	07/11/2009	Bob Murphy	Stream Mouth Bay	F	0	9,000	0	0	0	NO FISH ON SPAWNING GROUNDS YET
	08/07/2009	Bob Murphy	Stream Mouth Bay	G	0	16,000	0	0	0	SOCKEYE ARE BELOW THE LODGE AND NOT ON SPAWNING GROUND
	09/07/2009	Bob Murphy	Stream Mouth Bay	G	0	0	7,000	0	0	SPORT FISHERMAN SEVERAL MILES UPRIVER
Willie Creek, 316-1006	06/22/2009	Bob Murphy	Stream Mouth Bay	G	0	1,500	0	0	0	SOCKEYE AT CONFLUENCE WITH BYPASS CHANNEL THAT DRAINS TO OCEAN RIVER
	06/30/2009	Bob Murphy	Stream Mouth Bay	G	0	3,000	0	0	0	
	07/06/2009	Bob Murphy	Stream Mouth Bay	G	0	5,000	0	0	0	SOCKEYE ARE IN CREEK ABOVE CHANNEL TO OCEAN RIVER
	07/11/2009	Bob Murphy	Stream Mouth Bay	G	0	12,000	0	0	0	MOST SOCKEYE ARE NEAR OR ON SPAWNING GROUNDS
	08/07/2009	Bob Murphy	Stream Mouth Bay	G	0	11,000	0	0	0	WITH THE EXCEPTION OF 2,000, SOCKEYE WERE ON THE SPAWNING GROUNDS
	09/07/2009	Bob Murphy	Stream Mouth	G	0	0	1,000	0	0	COHO ARE JUST ABOVE CONFLUENCE WITH OCEAN RIVER

-continued-

Appendix A2.–Page 15 of 21.

Stream	Date	Observer	Location	Visi- bility	Species					Observer Remarks
					Chinook	Sockeye	Coho	Pink	Chum	
Ilnik River/estuary, 316-2001										
	06/18/2009	Bob Murphy	Stream Mouth Bay	G	0	3,000	0	0	0	SOCKEYE PRESENT BELOW WEIR SITE, DOWN RIVER ABOUT TWO MILES. HOWEVER, MOST FISH ARE HOLDING 1/4 MILE BELOW WEIR.
	06/22/2009	Bob Murphy	Stream Mouth Bay	G	0	2,000	0	0	0	SOCKEYE BELOW WEIR
	06/23/2009	Bob Murphy	Stream Mouth Bay	G	0	3,000	0	0	0	SOCKEYE ARE BELOW THE WEIR.
	06/30/2009	Bob Murphy	Stream Mouth Bay	P	0	6,000	0	0	0	TOO MURKY TO SEE FISH IN ILNIK LAKE; SCHOOL OF 4,000 SOCKEYE IN MURKY WATERS UP FOUR MILES; CHOPPY WATERS IN ILNIK LAGOON BUT CAN SEE 2,000 FISH BELOW THE WEIR
	07/06/2009	Bob Murphy	Stream Mouth Bay	G	0	26,000	0	0	0	SOCKEYE ABOVE THE WEIR - MOST IN FRONT OF VILLAGE CABINS AND IN ILNIK RIVER; IN THE LAGOON, 10,000 SOCKEYE ARE BELOW THE WEIR
	07/11/2009	Bob Murphy	Stream Mouth Bay	G	0	10,000	0	0	0	SOCKEYE FROM WEIR TO VILLAGE - ABOUT 500 UP ILNIK RIVER
	08/07/2009	Bob Murphy	Stream Mouth Bay	G	0	39,000	0	0	0	35,000 SOCKEYE ON THE SPAWNING GROUNDS UP LEFT FORK; 4,000 SOCKEYE SPAWNING ON RIGHT FORK ABOVE THE CABIN
	09/07/2009	Bob Murphy	Stream Mouth Bay	G	0	0	16,000	0	0	COHO OBERVERED FROM WEIR SITE TO LAKE. ABOUT 10 SPORT FISHERMAN ON THE LOWER ILNIK RIVER WITH ABOUT 25 COHO ON THE BANK.
Unangashak River, 316-2004										
	08/07/2009	Bob Murphy	Stream Mouth Bay	P	0	0	200	0	0	DISTANCE SURVEYED: ALL CREEKS (A,B,C) AND WATERS WERE MURKY; 200 COHO IN LOWER TWO MILES OF MAINSTEM
	09/07/2009	Bob Murphy	Stream Mouth Bay	G	0	0	3,575	0	0	CRREK A: 200 COHO; CREEK B: 75 COHO; CREEK C: 3,300 COHO.

-continued-

Appendix A2.-Page 16 of 21.

Stream	Date	Observer	Location	Visi- bility	Species					Observer Remarks
					Chinook	Sockeye	Coho	Pink	Chum	
Unk, 316-2005	09/07/2009	Bob Murphy	Stream Mouth Bay	G	0	0	400	0	0	
Unnamed, North Of Unangashak R, 316-2006	08/07/2009	Bob Murphy	Stream Mouth Bay	P	0	0	0	0	0	TOO MURKY
	09/07/2009	Bob Murphy	Stream Mouth Bay	G	0	0	0	300	0	
Highland Creek, 317-2006	08/04/2009	Bob Murphy	Stream Mouth Bay	G	0	200	0	0	0	
Birthday Creek, 317-2008	08/04/2009	Bob Murphy	Stream Mouth Bay	G	0	0	0	0	3,000	
Red Bluff Creek, 317-204A	07/06/2009	Bob Murphy	Stream Mouth Bay	G	0	3,000	0	0	0	
	07/11/2009	Bob Murphy	Stream Mouth Bay	G	0	13,000	0	0	0	SOCKEYE ARE WITHIN THREE MILES OF MOUTH
	08/04/2009	Bob Murphy	Stream Mouth Bay	G	0	23,000	0	0	0	
	09/07/2009	Bob Murphy	Stream Mouth Bay	G	0	0	4,400	0	0	
Yellow Bluff Creek, 317-204B	08/04/2009	Bob Murphy	Stream Mouth Bay	G	0	1,500	0	0	100	

-continued-

Stream	Date	Observer	Location	Visi- bility	Species					Observer Remarks
					Chinook	Sockeye	Coho	Pink	Chum	
Meshik River, 317-207A	06/18/2009	Bob Murphy	Stream Mouth Bay	F	0	500	0	0	0	AT MESHNIK VILLAGE, FOUR SET GILLNETS WERE OUT AND THREE HAD BEEN FISHING. ONE DRY NET HAD ABOUT 900 SALMON.
	06/22/2009	Bob Murphy	Stream Mouth Bay	G	0	4,000	0	0	0	MOST SOCKEYE ARE BELOW SCOTTY'S ISLAND
	06/23/2009	Bob Murphy	Stream Mouth Bay	G	0	4,000	0	0	0	MOST OF THE SOCKEYE ARE BELOW SCOTTY'S ISLAND; SPORT FISHERMEN PRESENT AT SCOTTY'S ISLAND
	06/24/2009	Bob Murphy	Stream Mouth Bay	G	0	7,000	0	0	0	SOCKEYE PRESENT FROM MOUTH TO THREE MILES ABOVE SCOTTY'S ISLAND
	06/30/2009	Bob Murphy	Stream Mouth Bay	G	0	14,000	0	0	0	SOCKEYE FROM MOUTH TO UPRIVER ABOVE SCOTTY'S ISLAND - MOST OF THE FISH ARE AROUND SCOTTY'S ISLAND
	07/06/2009	Bob Murphy	Stream Mouth Bay	G	0	30,000	0	0	0	SOCKEYE FROM MOUTH TO THREE MILES ABOVE SCOTTY'S ISLAND
	07/11/2009	Bob Murphy	Stream Mouth Bay	G	0	42,000	0	0	0	SOCKEYE FROM MOUTH TO FIVE MILES ABOVE SCOTTY'S ISLAND - MOST FISH AROUND SCOTTY'S ISLAND AND UPRIVER
	08/04/2009	Bob Murphy	Stream Mouth Bay	G	600	16,000	0	0	0	IN THE LAKE: 4,000 SOCKEYE; ALL OTHER SOCKEYE AND CHINOOK ARE IN UPPER MESHNIK RIVER
	09/07/2009	Bob Murphy	Stream Mouth Bay	G	0	0	19,000	0	0	MOST OF THE COHO ARE OBSERVED FROM THREE MILES BELOW SCOTTY'S ISLAND TO TWO MILES ABOVE SCOTTY'S ISLAND
Braided Creek, 317-207B	08/04/2009	Bob Murphy	Stream Mouth Bay	G	700	2,000	0	0	600	
Landlocked (hotspr.), 317-207C	07/11/2009	Bob Murphy	Stream Mouth	G	0	18,000	0	0	0	SOCKEYE ARE WITHIN THREE MILES OF SCOTTY'S ISLAND

-continued-

Appendix A2.–Page 18 of 21.

Stream	Date	Observer	Location	Visi- bility	Species					Observer Remarks
					Chinook	Sockeye	Coho	Pink	Chum	
	08/04/2009	Bob Murphy	Stream Mouth Bay	G	0	7,000	0	0	0	
	09/07/2009	Bob Murphy	Stream Mouth Bay	G	0	0	9,000	0	0	
Branch Of Landlocked, 317-207D	08/04/2009	Bob Murphy	Stream Mouth Bay	G	0	3,500	0	0	0	
Blue Violet Creek, 317-207E	08/04/2009	Bob Murphy	Stream Mouth Bay	G	0	10,000	0	0	0	BLACK CREEK WAS VERY MURKY AND SAW 4,000 SOCKEYE; BLUE VIOLET CREEK HAD 3,000 SOCKEYE; SLEEPY CREEK HAD 3,000 SOCKEYE
Wolf Creek, 317-207F	08/04/2009	Bob Murphy	Stream Mouth Bay	G	0	0	0	0	1,000	
Unnamed, 317-207G	08/04/2009	Bob Murphy	Stream Mouth Bay	G	0	0	0	0	400	
Shoe Creek, 317-207H	08/04/2009	Bob Murphy	Stream Mouth Bay	G	100	400	0	0	6,000	
Unnamed, 317-207J	08/04/2009	Bob Murphy	Stream Mouth Bay	G	0	0	0	0	300	CHUMS LOWER PART OF RIVER ABOVE CONFLUENCE
Unnamed, 317-207K	08/04/2009	Bob Murphy	Stream Mouth	G	0	4,000	0	0	0	

-continued-

Appendix A2.–Page 19 of 21.

Stream	Date	Observer	Location	Visi- bility	Species					Observer Remarks
					Chinook	Sockeye	Coho	Pink	Chum	
Unnamed, 317-207L	08/04/2009	Bob Murphy	Stream Mouth Bay	G	400	6,000	0	0	0	
Unnamed, 317-207M	08/04/2009	Bob Murphy	Stream Mouth Bay	G	0	3,000	0	0	1,000	
Unnamed, 317-207N	08/04/2009	Bob Murphy	Stream Mouth Bay	G	400	5,000	0	0	0	IN WEST FORK: 300 CHINOOK AND 3, 000 SOCKEYE; IN EAST FORK: 100 CHINOOK AND 2,000 SOCKEYE
Plenty Bear Creek, 317-207O	08/04/2009	Bob Murphy	Stream Mouth Bay	G	800	6,000	0	0	1,200	
Paddle Creek, 317-207OA	08/04/2009	Bob Murphy	Stream Mouth Bay	G	0	0	0	0	1,100	
Waterfall Creek, 317-207P	08/04/2009	Bob Murphy	Stream Mouth Bay	P	0	0	0	0	0	TOO MURKY
Rainbow Creek, 317-207R	08/04/2009	Bob Murphy	Stream Mouth Bay	G	0	300	0	0	900	
Cub Creek, 317-207T	08/04/2009	Bob Murphy	Stream Mouth Bay	G	0	300	0	0	0	
Reindeer Creek, 318-1001	08/04/2009	Bob Murphy	Stream Mouth Bay	G	0	0	0	0	1,200	

-continued-

Appendix A2.–Page 20 of 21.

Stream	Date	Observer	Location	Visi- bility	Species					Observer Remarks
					Chinook	Sockeye	Coho	Pink	Chum	
Mud Creek, 318-2004	08/04/2009	Bob Murphy	Stream Mouth Bay	G	0	31,000	0	0	0	THE BREAKDOWN OF SOCKEYE BETWEEN CREEKS A,B,&C IS AS FOLLOWS: CREEK A - 22,000 SOCKEYE; CREEK B - 9,000 SOCKEYE; CREEK C WAS TOO MURKY TO SEE FISH.
	09/07/2009	Bob Murphy	Stream Mouth Bay	G	0	0	17,000	0	0	
Cinder River, Main, 318-206A	08/04/2009	Bob Murphy	Stream Mouth Bay	G	0	24,000	0	0	2,000	MOST COHO ARE IN LOWER FIVE MILES OF RIVER. ABOUT 20 BEARS ARE FISHING IN THE LAGOON.
	09/07/2009	Bob Murphy	Stream Mouth Bay	G	0	0	18,000	0	0	
Unnamed, 318-206C	08/04/2009	Bob Murphy	Stream Mouth Bay	G	0	0	0	0	200	
Lava Creek, 318-206D	08/04/2009	Bob Murphy	Stream Mouth Bay	G	0	39,000	0	0	3,000	
High Creek, 318-206E	08/04/2009	Bob Murphy	Stream Mouth Bay	G	0	500	0	0	0	
Meloy Creek, 318-206H	08/04/2009	Bob Murphy	Stream Mouth Bay	G	1,500	8,000	0	0	2,000	
Wiggly Creek, 318-206J	08/04/2009	Bob Murphy	Stream Mouth Bay	G	3,100	29,000	0	0	4,000	

-continued-

Appendix A2.–Page 21 of 21.

Stream	Date	Observer	Location	Visi- bility	Species					Observer Remarks
					Chinook	Sockeye	Coho	Pink	Chum	
Ray Creek, 318-206K	08/04/2009	Bob Murphy	Stream Mouth Bay	G	150	2,100	0	0	0	
Unnamed, 318-206L	08/04/2009	Bob Murphy	Stream Mouth Bay	G	0	0	0	0	100	

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

**APPENDIX B. NORTH ALASKA PENINSULA TEST
FISHERY, 2009**

Appendix B1.-North Bear River test fishery results for August 3, 2009.

Date: 8/3/2009
 Port Moller Hight Tide: 9:16 Am 8.1 FT
 Fishing Vessel: F/V Passing Storm
 Skipper Name: Ron Sherin
 Mesh Size: 4½ inch mesh
 ADFG Observer: Trent Hartill

Total sockeye: 716
 Total sets: 5
 Total soak time: 4 hours 59

	SET INFORMATION				
	1st	2nd	3rd	4th	5th
Location Description	½ mile north of Bear River Church, ½ mile offshore and	At Bear River Church and northern marker, on beach and	½ mile north of Bear River Church, on the beach and out	One mile north of Bear River Church, ~150m offshore	Midpoint of Bear River mouth and northern 1000yd marker
GPS Latitude	56° 10.497' N.	56° 10.130' N.	56° 10.710' N.	56° 11.201' N.	56° 09.925' N.
GPS Longitude	160° 26.630' W.	160° 25.986' W.	160° 25.538' W.	160° 25.486' W.	160° 26.169' W.
Amount Net Used	200 fathoms	200 fathoms	200 fathoms	200 fathoms	200 fathoms
Last Buoy Set	11:21 AM	12:00 PM	1:06 PM	3:16 PM	4:28 PM
Started Picking	11:39 AM	12:25 PM	2:00 PM	3:46 PM	4:39 PM
Net Out of Water	11:47 AM	12:50 PM	2:58 PM	4:10 PM	5:25 PM
Set Soak Time	00:26	00:50	01:52	00:54	00:57
Species	CATCH AMOUNTS				
Sockeye	4	5	358	93	256
Chinook	0	0	0	0	0
Pink	0	1	1	1	4
Chum	0	2	7	7	0
Coho	0	0	1	1	0
Starry Flounder	0	1	3	0	3

Appendix B2.—South Bear River test fishery results for August 3, 2009.

Date: 8/3/2009
 Port Moller Hight Tide: 9:16 AM 8.1 FT
 Fishing Vessel: F/V Kamen
 Skipper Name: Fred Turkheimer
 Mesh Size: 4¾ inch mesh
 ADFG Observer: Robert Murphy

Total sockeye: 752
 Total sets: 4
 Total soak time: 4 hours 38

	SET INFORMATION			
	1st	2nd	3rd	4th
Location Description	Southern part of Whale Hole, ½ mile offshore and out	In the Whale Hole and on the beach	At Whale Hole Camp, ¼ mile off the beach and out	At the southern 1,000yd marker and on the beach
GPS Latitude	56° 07.697' N.	56° 07.478' N.	56° 08.142' N.	56° 08.937' N.
GPS Longitude	160° 27.867' W.	160° 27.151' W.	160° 27.451' W.	160° 26.910' W.
Amount Net Used	200 fathoms	200 fathoms	200 fathoms	200 fathoms
Last Buoy Set	11:08 AM	11:53 AM	1:08 PM	3:47 PM
Started Picking	11:34 AM	12:13 PM	2:03 PM	4:06 PM
Net Out of Water	11:42 AM	12:53 PM	3:23 PM	4:36 PM
Set Soak Time	00:34	01:00	02:15	00:49
Species	CATCH AMOUNTS			
Sockeye	0	184	484	84
Chinook	0	0	0	0
Pink	0	2	2	1
Chum	0	6	4	0
Coho	0	2	1	0
Starry Flounder	0	6	12	6
Brown Sculpin	0	0	1	0

Appendix B3.—North Bear River test fishery results for August 4, 2009.

Date: 8/4/2009
 Port Moller Hight Tide: 10:03 AM, 7.8 FT
 Fishing Vessel: F/V Viking
 Skipper Name: John Ludvick
 Mrsh Size: 4½ inch mesh
 ADFG Observer: Onboard F/V Blue Moon

Total sockeye: 681
 Total sets: 3
 Total soak time: 2 hours 45

	SET INFORMATION		
	1st	2nd	3rd
Location Description	½ mile north of Bear River Church, ½ mile offshore and	At Bear River Church and northern marker, on beach	½ mile north of Bear River Church, on the beach and out
GPS Latitude	56° 10.930' N.	56° 11.504' N.	56° 10.399' N.
GPS Longitude	160° 26.518' W.	160° 25.390' W.	160° 26.130' W.
Amount Net Used	200 fathoms	200 fathoms	200 fathoms
Last Buoy Set	11:06 AM	12:03 PM	1:15 PM
Started Picking	11:26 AM	12:25 PM	1:45 PM
Net Out of Water	11:39 AM	12:50 PM	2:40 PM
Set Soak Time	0:33	0:47	1:25
Species	CATCH AMOUNTS		
Sockeye	0	131	550
Chinook	0	4	2
Pink	0	6	5
Chum	0	12	10
Coho	0	0	0
Starry Flounder	0	0	0
Brown Sculpin	0	0	0

Appendix B4.–South Bear River test fishery results for August 4, 2009.

Date: 8/4/2009
 Port Moller Hight Tide: 10:03 AM, 7.8 FT
 Fishing Vessel: F/V Blue Moon
 Skipper Name: Tom Murtha
 Mesh Size: 4¾ inch mesh
 ADFG Observer: Trent Hartill

Total sockeye: 1878
 Total sets: 3
 Total soak time: 3 hours 59 minutes

	SET INFORMATION		
	1st	2nd	3rd
Location Description	Southern part of Whale Hole, ½ mile offshore and out	In the Whale Hole and on the beach	At Whale Hole Camp, ¼ mile off the beach and out
GPS Latitude	56° 07.460' N.	56° 07.440' N.	56° 109.31' N.
GPS Longitude	160° 26.630' W.	160° 25.986' W.	160° 26.800' W.
Amount Net Used	200 fathoms	200 fathoms	200 fathoms
Last Buoy Set	10:29 AM	11:09 AM	12:08 PM
Started Picking	10:47 AM	11:30 AM	12:32 PM
Net Out of Water	10:57 AM	11:48 AM	3:00 PM
Set Soak Time	0:28	0:39	2:52
Species	CATCH AMOUNTS		
Sockeye	0	52	1,826
Chinook	0	0	0
Pink	0	1	5
Chum	0	1	5
Coho	0	1	1
Starry Flounder	0	0	0
Brown Sculpin	0	0	0