

Fishery Management Report No. 12-51

**North Alaska Peninsula Commercial Salmon Annual
Management Report, 2012**

by

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and

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December 2012

Alaska Department of Fish and Game

Divisions of Sport Fish and Commercial Fisheries



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

FISHERY MANAGEMENT REPORT NO. 12-51

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by

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ABSTRACT

This report is a summary of the 2012 season and historical data concerning management of the commercial salmon fisheries of the Northwestern and Northern districts of the North Alaska Peninsula in the Alaska Peninsula Management Area (Area M). Most commercial salmon fishing effort on the North Alaska Peninsula targeted sockeye salmon *Oncorhynchus nerka*. The 2012 commercial salmon harvest on the North Alaska Peninsula was 1,053 Chinook *O. tshawytscha*, 764,388 sockeye, 37,399 coho *O. kisutch*, 1,173 pink *O. gorbuscha*, and 283,035 chum *O. keta* salmon. Chinook salmon harvest was the lowest reported harvest on record since 1962, with the majority occurring incidental to the sockeye salmon fishery from the Bear River Section to the Outer Port Heiden Section. The sockeye salmon harvest in the Northern District of 707,015 fish was below the 2003–2012 average harvest of 2,049,017 fish. Of the Northern District harvest, 75% (532,932 fish) were harvested in the sections between Port Moller Bight and Outer Port Heiden. The North Alaska Peninsula chum salmon harvest of 283,035 fish was above the ten-year average of 152,822 chum salmon, with about 66% (187,601 fish) of the harvest occurring in the Northwestern District. The majority of chum salmon harvested in the Northern District were caught in a directed chum salmon fishery in the Black Hills Section, the rest were caught incidentally during sockeye salmon fisheries. Nearly all Northwestern District chum salmon harvest came from directed fisheries.

Total sockeye salmon escapement for North Alaska Peninsula streams was 747,090 fish, below the 2003–2012 average of 1,081,421. Approximately 63% of the sockeye salmon escapement occurred in the Northern District's four systems in which the escapements are enumerated with weirs (Nelson, Bear, Sandy, and Ilnik rivers).

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

INTRODUCTION

The purpose of this report is to document catch and escapement data, and to provide commercial salmon fishermen, buyers and the Alaska Board of Fisheries (BOF) a context with which to compare the 2012 North Alaska Peninsula commercial salmon catch and escapement with historical information.

GEOGRAPHY

North Alaska Peninsula

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

Alaska Peninsula and Bristol Bay Salmon Overlap Area

The Alaska Peninsula Area (Area M) and Bristol Bay Area (Area T) overlap area consists of the Cinder River Section, Inner Port Heiden Section, and Ilnik Lagoon (Figure 3; 5 AAC 39.120(d)). The overlap area was created shortly after statehood to allow Area T permit holders the opportunity to fish within their traditional harvest locations of Area M. Historically, when not participating in the Bristol Bay sockeye salmon fisheries, Port Heiden Area T permit holders fished

for Chinook *O. tshawytscha* and coho *O. kisutch* salmon in the Inner Port Heiden Section, and Pilot Point Area T permit holders fished inside the Cinder River Section for Chinook and coho salmon.

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

GEAR

Purse seine, hand purse seine, drift gillnet, and set gillnet are legal gear types in the Northwestern District (5 AAC 09.330(b)). In the Northern District, commercial salmon fishing is permitted with purse seine, drift gillnet, and set gillnet gear; however, within-section gear restrictions exist. For example, the Nelson Lagoon Section is open to drift and set gillnet gear only. In the Northern District drift gillnet is by far the most widely used gear. In the Northwestern District, use of purse seine gear equals or exceeds drift gillnet gear in some years.

REGULATORY SEASON

The commercial salmon season opens in most of the Northwestern District on June 1 and in most of the Northern District on May 1 (5 AAC 09.310). The Three Hills Section may open to commercial salmon fishing on June 25. Fishing is allowed beginning June 20 in that portion of the Ilnik Section southwest of Unangashak Bluffs if sockeye salmon escapement meets or exceeds interim escapement objectives in the Ilnik River (Figure 2). In that portion of the Ilnik Section from Unangashak Bluffs to Strogonof Point, fishing is permitted beginning June 20 if escapement in the Meshik and Ilnik rivers meets or exceeds interim escapement objectives. A portion of the Outer Port Heiden Section may open to commercial salmon fishing beginning on June 20 if sockeye salmon escapement in the Meshik River is sufficient. Management action may also be taken in the Ilnik and Outer Port Heiden sections for conservation of Ugashik River sockeye salmon if that portion of the Egegik District specified in 5 AAC 06.359(c) is closed in the Bristol Bay Management Area.

INSEASON MANAGEMENT

While the earliest opening dates are established by regulation and modified by emergency orders, actual fishing time in North Alaska Peninsula fisheries is based on inseason evaluation of local stock abundance and escapement objectives. Sockeye salmon are the primary species targeted for harvest, and Nelson and Bear rivers are the largest sockeye salmon producing systems. Between June 1 and September 15, within the Nelson Lagoon to Port Heiden region, management emphasis is on five sockeye salmon systems: Nelson, Bear, Sandy, Ilnik, and Meshik rivers (Murphy and Wilburn 2012). Alaska Department of Fish and Game (ADF&G) operates weir camps on the Nelson, Bear, Sandy, and Ilnik rivers that provide daily escapement counts used to manage commercial fisheries. Aerial surveys from a fixed wing aircraft are used to enumerate salmon in other systems that do not have weirs.

ESCAPEMENT GOALS

Weir counts and aerial surveys are used to estimate escapement.¹ For rivers and river systems with established escapement goals, there are two types of goals used to characterize the run. As described in Honnold et al. (2007), a biological escapement goal (BEG) is used when the following conditions are met; 1) a sufficient time series of escapement and total return estimates are available, 2) contrast in the escapement data is sufficiently large, and 3) the estimates were sufficiently accurate and precise. Using these criteria, systems assigned a BEG are managed for escapements providing the greatest potential for maximum sustained yield. A sustainable escapement goal (SEG), on the other hand, is used when total return estimates are not available because harvest or age was not consistently measured. Methods used to develop SEGs include the percentile approach and risk analyses models (Witteveen et al. 2009). 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 or managed for due to the absence of a stock specific catch estimate.

The commercial salmon fisheries on the North Alaska Peninsula are managed using escapement goals developed using the aforementioned criteria and methods. The inseason escapement at each system with an established goal determines how the fisheries are managed. 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, but the majority of the sockeye salmon runs occur from early June to late July. Local sockeye salmon stocks are managed in the Nelson Lagoon to the Port Heiden region from June through September. The Nelson River sockeye salmon run begins in early June, peaks in early July, and is over by mid-August (Murphy and Hartill 2009). Bear River supports two distinct sockeye salmon runs: 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, Meshik and Cinder rivers run timing closely parallels the Bear River early run, beginning in early June and ending in late July (Murphy and Hartill 2009).

HARVEST BY SPECIES

CHINOOK SALMON

The 2012 North Alaska Peninsula commercial Chinook salmon harvest of 1,053 fish was below the 2003–2012 average of 5,057 fish (Table 1). This was the lowest harvest recorded since 1962. 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 2012, the Chinook salmon harvest of 280 fish in the Nelson Lagoon Section was well below the

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.

10-year average of 1,397 fish (Tables 2 and 3). The Bear River Section harvest of 65 Chinook salmon, occurred incidental to the sockeye salmon fisheries and was below the 10-year average of 1,725 fish (Tables 2 and 3). The Three Hills and Ilnik sections combined harvest of 355 Chinook salmon was also well below the 10-year average of 1,378 fish (Tables 2 and 3). The Outer Port Heiden Section, which reopened in 2007 for the first time since 1989, had a harvest of 292 Chinook salmon. This was the second lowest Chinook salmon harvest since the Outer Port Heiden Section reopened. There was no commercial fishing effort in the Inner Port Heiden Section in 2012 (Table 3), however depending on market conditions, in some years there has occasionally been a directed fishery for Chinook salmon.

SOCKEYE SALMON

The 2012 North Alaska Peninsula sockeye salmon harvest of 764,388 fish (Table 1) was well below the 2003–2012 average harvest of 2,115,900 as well as the 1993–2012 average harvest of 2,127,333 fish (Figure 4). The 2012 harvest was the lowest since 1977 (472,006 sockeye salmon) and was about 48% of the preseason projected harvest of 1,600,000 sockeye salmon (Table 1; Eggers and Carroll 2012). The 2012 peak weekly harvest for sockeye salmon on the North Alaska Peninsula was from June 28 to July 4 (Table 2).

Most of the harvest occurred in the Northern District in the Nelson Lagoon, Bear River, Ilnik and Outer Port Heiden sections (Figure 1). The Nelson Lagoon sockeye salmon harvest in 2012 was 116,685 fish which was below the 2003–2012 average harvest of 251,125 fish (Table 4). The Nelson Lagoon harvest made up approximately 15% of the total North Alaska Peninsula sockeye salmon harvest. The combined Port Moller Bight, Bear River, and Ilnik sections total harvest was 264,706 sockeye salmon (Table 5) and the Outer Port Heiden Section had a harvest of 268,226 fish (Table 4). The combined Port Moller Bight, Bear River, Ilnik and Outer Port Heiden sections accounted for approximately 70% of the North Alaska Peninsula sockeye salmon harvest. Of that harvest, the Bear River Section had approximately 2% (12,912; Table 4), the Ilnik Section had 47% (251,794; Table 4) and the Outer Port Heiden Section accounted for about 50% (268,226; Table 4). The proportion of harvest in the Bear River Section in 2012 was below the most recent 10-year average (24%), while the proportion of harvest in the Ilnik Section was above the 10-year average (47%; Figure 5). The Outer Port Heiden Section proportion of harvest was also above recent years, however it cannot be compared to a 10-year average because commercial salmon fishing was recently permitted in this section beginning in 2007. There was no sockeye salmon harvest in the Port Moller Bight or Three Hills sections in 2012, which is mostly due to commercial fishing closures and this likely explains the shift in harvest proportion in the Northern District for 2012.

COHO SALMON

The 2012 North Alaska Peninsula coho salmon harvest of 37,399 fish was well below the 2003–2012 average harvest of 63,053 fish (Tables 1 and 6). Approximately 84% (31,476 fish) of the coho salmon harvest came from the Nelson Lagoon Section. The remaining Northern District sections had approximately 11% of the coho salmon harvest (3,942 fish) and the final 5% (1,981 fish) were harvested in the Northwestern District (Table 6). The Nelson Lagoon Section typically has the highest coho salmon harvest, followed by either the Bear River or Ilnik section, which were both lower in 2012 due to fishing closures in August and September.

PINK SALMON

The 2012 North Alaska Peninsula pink salmon *O. gorbuscha* harvest of 1,173 fish was well below the 2003–2012 even-year average harvest of 22,035 fish (Table 1). Pink salmon harvested in the Northern District are caught incidental to fisheries for other salmon species. The majority of the pink salmon harvest in 2012 occurred in the Northwestern District (894 fish) and was well below the 2003–2012 even-year average harvest of 18,467 fish (Table 7).

CHUM SALMON

The 2012 North Alaska Peninsula chum salmon *O. keta* harvest of 283,035 fish was well above the 2003–2012 average harvest of 152,822 fish and well above the projected harvest of 125,000 fish (Table 1). In the Northern District, the harvest of 95,434 fish was above the 2003–2012 average of 62,177 fish (Table 8). The majority of the harvest in the Northern District was caught in the Black Hills Section (73,941 fish; Table 2) in August, when the fleet targeted chum salmon due to area closures in the traditional sockeye salmon fishing areas at that time of year. The remainder of the chum salmon harvest in the Northern District occurred incidental to sockeye salmon fishing. The Northwestern District chum salmon harvest of 187,601 fish was also above the 10-year average of 90,644 fish (Table 9). The majority of the chum salmon harvest in the Northwestern District occurred in the Izembek-Moffet Bay section with 177,270 fish (Table 9).

ESCAPEMENT BY SPECIES

CHINOOK SALMON

The 2012 North Alaska Peninsula estimated total Chinook salmon escapement of 3,574 fish was well below the 2003–2012 average of 20,252 fish (Table 1). The 2012 Nelson River Chinook salmon escapement of 992 fish was below the BEG range of 2,400–4,400 fish (Honnold et al. 2007; Table 10 and Appendix A1). Nelson River is the only river on the North Alaska Peninsula with a Chinook salmon escapement goal. The combined King Salmon, Bear, and Sandy rivers (Bear River Section) estimated Chinook salmon escapement was 1,400 fish, which was less than the 2003–2012 average of 2,642 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 one Chinook salmon passed the Ilnik River weir in 2012 (Table 13). The Chinook salmon escapement of 41 fish into the Inner Port Heiden Section (the Meshik River and its tributaries) was below the 10-year average of 6,240 fish (Table 3; Appendix A1). It should be noted however, that the Chinook salmon were documented during an aerial survey on July 24, and were still in the main stem section of the Meshik River. Typically, Chinook salmon are moving into the much smaller tributaries at this time of year where visibility is better. As a result, it is likely that the observed Chinook salmon escapement in the Meshik River does not reflect the total escapement for 2012. In the Cinder River Section, 440 Chinook salmon were documented, which was below the 2003–2012 average of 4,509 fish (Table 3; Appendix A1).

SOCKEYE SALMON

The 2012 North Alaska Peninsula estimated total sockeye salmon escapement of 747,090 fish, which included weir and aerial survey counts, was below the 2003–2012 average estimated escapement of 1,081,421 fish (Table 1; Figure 6). The combined North Alaska Peninsula escapement goal range is 531,400–1,023,800 sockeye salmon for systems with established goals

(Witteveen et al. 2009). The systems with an SEG are Christianson Lagoon (25,000–50,000 fish), Swanson Lagoon (6,000–16,000 fish), North Creek (4,400–8,800 fish), Bear River (early run 176,000–293,000 fish, late run 117,000–195,00 fish, or combined 293,000–488,000 fish), Sandy River (34,000–74,000 fish), Ilnik River (40,000–60,000 fish), Meshik River (25,000–100,000 fish), and Cinder River (12,000–48,000 fish; Witteveen et al. 2009). Nelson River is the only system on the North Alaska Peninsula with a BEG (97,000–219,000 fish; Witteveen et al. 2009). The systems most often considered in management decisions and the historical escapements and goal ranges are detailed in Table 14. All but three of the above systems met or exceeded their escapement goal. Those systems that did not meet escapement goals were Swanson Lagoon (3,500 sockeye salmon), Bear River (289,600 fish; early and late run combined) and Sandy River (27,100 fish; Appendix A1).

Nelson River

In 2012, 137,800 sockeye salmon escaped into streams in the Nelson Lagoon Section (Table 4), of which 103,300 fish returned to Nelson River, 27,000 to Caribou River and 7,500 to David's River (Appendix A1). The Nelson River weir sockeye salmon escapement of 103,300 fish met the goal of 97,000–219,000 sockeye salmon, yet was well below the current 10-year average of 212,051 fish (Tables 14 and 15; Witteveen et al. 2009). The peak daily escapement (20,793 fish) at the Nelson River weir occurred on June 28 (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 periodic sampling. That proportion is then extrapolated to account for the entire day's escapement. When the weir was removed on July 25, it was estimated that about 56,772 female sockeye salmon had passed the weir, within the management escapement objective of 50,000–110,000 female fish (Murphy and Wilburn 2012).

Bear River

The Bear River early and late sockeye salmon runs have separate escapement goals because both are recognized as distinct components of the run. In 2012, the Bear River early-run was slightly below the escapement goal of 176,000–293,000 fish, with an escapement of 173,158 sockeye salmon (Table 16). The late-run (after July 31) was also slightly below the escapement goal of 117,000–195,000 fish, with an escapement of 116,442 sockeye salmon. The largest daily escapement at the weir in 2012 occurred on June 28 when 12,546 sockeye salmon were counted (Table 17).

Sandy River

The total 2012 Sandy River sockeye salmon escapement of 27,100 fish was well below the escapement goal range of 34,000–74,000 fish, as well as the recent 2003–2012 average escapement of 46,150 fish (Tables 14 and 18; Witteveen et al. 2009). The estimated escapement of 27,100 fish is comprised of weir counts, post-weir estimates and post-weir aerial surveys. An aerial survey documented 3,500 sockeye salmon spawning in the river below the weir site, which was added to the total estimated escapement (Appendix A2). The largest daily escapement at the Sandy River weir occurred on June 30 when 1,943 sockeye salmon were counted (Table 18).

Sandy River did not meet any interim escapement objectives in 2012 and had the lowest sockeye salmon escapement since weir installation began in 1994.

Ilnik River

The Ocean River, a major spawning tributary that accounts for approximately 20% of the spawning sockeye salmon run in the Ilnik system, periodically empties directly into the Bering Sea instead of the Ilnik River. When this occurs, as it did in 2012, Ocean River bound salmon can bypass the Ilnik River weir. To account for the Ocean River-bound sockeye salmon that bypass the weir, the Ilnik River escapement goal (40,000–60,000 fish) is decreased by 20% to 32,000–48,000 sockeye salmon. The remaining 8,000–12,000 fish (or 20%) is the historical proportion of the Ocean River component of the Ilnik system (Murphy and Wilburn 2012). In addition to Ocean River having a direct outlet to the Bering Sea, two tidally influenced sloughs also connected Ocean River to the Ilnik system in 2012 creating multiple routes for salmon to bypass the Ilnik River weir and still reach their spawning grounds. Appendix A3 provides a more detailed explanation and diagram.

The weir counts on Ilnik River (46,300 fish; Table 19) may not accurately reflect the escapement due to the various places where fish could enter the Ilnik River system. As a result, the final season ending escapement for Ilnik and Ocean rivers of 61,000 sockeye salmon was determined by a final aerial survey on August 16 (Table 14; Appendix A2). During the aerial survey, approximately 40,000 sockeye salmon were documented in Ilnik River (including Willie Creek, a spawning tributary to Ilnik River) meeting the 32,000–48,000 sockeye salmon escapement goal (Appendix A1). The Ocean River sockeye salmon escapement of 21,000 sockeye salmon exceeded the 8,000–12,000 fish historical component. The total 2012 Ilnik River system escapement (including Ocean River) of 61,000 sockeye salmon was below the 2003–2012 average escapement of 75,930 fish (Table 4).

Port Heiden

Escapement into Meshik River and its tributaries are determined by aerial surveys. In 2012, 50,900 sockeye salmon were documented in the Meshik River (including Red Bluff Creek) meeting the escapement goal of 25,000–100,000 fish (Appendix A1; Witteveen et al. 2009). This was well below the 10-year average of 90,246 fish (Table 14). Because there was no directed harvest on Meshik River fish prior to 2007, the escapement goal was routinely exceeded. Since 2007, when the Outer Port Heiden Section reopened, escapements into Inner Port Heiden have decreased and have been closer to the escapement goal.

COHO SALMON

Nelson and Ilnik rivers are the only rivers on the North Alaska Peninsula that have a coho salmon lower-bound SEG (Witteveen et al. 2009). At Nelson River the peak escapement estimate of 19,160 fish (determined by aerial surveys) exceeded the goal of 18,000 fish (Appendix A1; Witteveen et al. 2009). The peak escapement estimate of 14,800 coho salmon for the Ilnik River system (including tributaries) also exceeded the goal of 9,000 fish (Appendix A1; Witteveen et al. 2009). Some of the larger estimated escapements occurred in the Meshik River (67,700 fish), Mud Creek (27,000 fish) and Cinder River (20,000 fish; Appendix A1). In all, approximately 163,720 coho salmon were documented by aerial surveys in 34 North Alaska Peninsula streams during 2012 (Appendix A1). It should be noted that due to budget constraints most completed surveys occurred prior to the peak of the coho salmon run.

PINK SALMON

Even-numbered year pink salmon escapements are typically larger than odd-numbered year escapements on the Alaska Peninsula. The 2012 North Alaska Peninsula estimated total pink salmon escapement of 28,968 fish was well below the 2003–2012 even-year average of 97,048 fish (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 7,603 pink salmon into Bechevin Bay was well below the even-numbered year threshold SEG of 33,000 fish (Appendix A1; Honnold et al. 2007). Total pink salmon escapement for the Northwestern District was 10,903 fish, far below the most recent even-numbered year average escapement of 50,464 pink salmon (Table 7; Appendix A1).

CHUM SALMON

The North Alaska Peninsula has two aggregated chum salmon escapement goals, one for the entire Northern District and one for the entire Northwestern District. In 2012, the Northern District chum salmon escapement of 140,418 fish met the goal of 119,600–239,200 fish (Table 8; Appendix A1; Honnold et al. 2007). Historically the Herendeen-Moller Bay Section has the largest chum salmon runs in the Northern District. In 2012, Herendeen and Moller bays accounted for about 79% of the total Northern District chum salmon escapement (110,700 fish; Table 8). The remaining chum salmon escapement in the Northern District is shown in Table 8. The Northwestern District chum salmon escapement of 140,000 fish met the goal of 100,000–215,000 fish, but was below the previous 10-year average of 194,999 fish (Table 9; Honnold et al. 2007). The total North Alaska Peninsula estimated chum salmon escapement of 280,418 fish was well below the 2003–2012 average of 385,814 fish (Table 1).

COMMERCIAL SALMON FISHERY SUMMARY, 2012

The majority of the North Alaska Peninsula commercial fishing effort targeting sockeye salmon occurred in the Nelson Lagoon, Ilnik, and Outer Port Heiden sections in the Northern District. The total Northern District sockeye salmon harvest of 707,015 fish was well below the 2003–2012 average of 2,049,017 fish. Of those sections, all total sockeye salmon runs (catch and escapement combined) were below the most recent 10-year averages (Table 4). However, because the Outer Port Heiden Section was closed from 1990 to 2007, that harvest information is only a six year average (2007–2012). A complete listing of all commercial salmon harvested by day on the North Peninsula can be found in Table 20.

NORTHWESTERN DISTRICT

In the 2012 Northwestern District commercial salmon fishery, a total of nine Chinook, 57,373 sockeye, 1,981 coho, 894 pink, and 187,601 chum salmon were harvested (Table 21). The Northwestern District has few large sockeye salmon producing systems and receives less commercial fishing effort than the Northern District. The 2012 sockeye salmon harvest in the Northwestern District of 57,373 fish was below the 2003–2012 average harvest of 66,884 sockeye salmon (Table 22). A total of 42 permit holders harvested approximately 94% of the sockeye salmon catch (54,072 fish) in the Izembek-Moffet Bay Section, with the majority of those fish harvested in the Moffet Bay area (26,153 fish; Table 2 and 21). The sockeye salmon harvest in the Dublin, Urilia Bay, Bechevin Bay and Swanson Lagoon sections totaled 3,301 fish, which was far below the 2003–2012 average of 40,326 sockeye salmon (Table 22).

The Northwestern District chum salmon catch of 187,601 fish in 2012 was well above the 10-year average of 90,644 fish (Table 9). The majority of the chum salmon harvest occurred in the Izembek-Moffet Bay Section (177,270 fish) followed by the Bechevin Bay Section (10,296 fish; Table 21). The pink salmon harvest of 894 fish was far below the 2003–2012 even-year average of 18,467 fish, with 53% of the harvest occurring in the Izembek-Moffet Bay Section (478 fish; Table 7 and 21).

NORTHERN DISTRICT

Black Hills Section

The Black Hills Section may be opened to commercial salmon fishing starting May 1 (5 AAC 09.310 (a)(10)). Typically, the drift gillnet fleet concentrate their efforts closer to Port Moller; however, in 2012, there was much more participation in the Black Hills Section than normal due to the long commercial fishing closures from Port Moller to the Outer Port Heiden area. The commercial fishing fleet targeted both sockeye and chum salmon from mid-July to about the end of August. In 2012, 51 permit holders harvested 57,398 sockeye salmon and 73,941 chum salmon in the Black Hills Section (Table 2). The sockeye salmon harvest was well above the 10-year average of 21,512 fish (Table 4). The chum salmon harvest was also well above the 10-year average of 12,967 (Table 4). The peak weekly harvest for sockeye salmon occurred from July 19 to July 25 (17,179 fish) and for chum salmon from August 2 to August 8 (38,563 fish; Table 2). North Creek is the only river in the Black Hills Section with a sockeye salmon escapement goal. The 2012 North Creek salmon escapement of 18,000 sockeye salmon (determined by aerial surveys) exceeded the escapement goal of 4,400–8,800 fish (Appendix A1; Witteveen et al. 2009).

Nelson Lagoon Section

The Nelson Lagoon Section may open to commercial salmon fishing on May 1 (5 AAC 09.310 (a)(8)). Fishing times are based on the evaluation of the Nelson River sockeye salmon stocks from mid-June to mid-August (5 AAC 09.369 (e)(2)). The total Nelson River system run, consisting of the Nelson Lagoon Section harvest and escapements of all Nelson River tributaries, was 254,485 sockeye salmon (Table 4). A total of 27 permit holders harvested 116,685 sockeye salmon (Table 22) which was below the 2003–2012 average harvest of 251,125 fish (Table 4; Figure 7). For most of the 2012 commercial salmon fishing season, the Nelson Lagoon Section was open during most regularly scheduled weekly fishing periods throughout the season (Tables 23 and 24). The first day of salmon harvest in the Nelson Lagoon Section occurred on June 5 and the last day with a delivery was September 4. The peak daily catch was on July 5 when 20 permit holders harvested 7,997 sockeye salmon (Table 24). The largest weekly harvest in Nelson Lagoon occurred between June 28 and July 4 when 28,896 sockeye salmon were harvested (Table 2; Figure 8).

After August 15, the Nelson Lagoon Section was managed based on coho salmon run strength. The 2012 Nelson Lagoon coho salmon harvest of 31,476 fish was below the 2003–2012 average of 40,226 fish and represented about 89% of the total Northern District coho salmon harvest (Tables 6 and 21). In recent years, increased processor interest and higher prices for coho salmon have resulted in increased harvest effort. On September 5, the one on-shore processor in the area ceased buying operations.

Bear River and Three Hills Sections

By regulation, the Bear River Section opens to commercial salmon fishing on May 1, while the Three Hills Section opens June 25 (5 AAC 09.310 (a)(4)(5)). Fishing times in the Bear River and Three Hills sections are based on the evaluation of the Bear, Sandy, and Ilnik river sockeye salmon stocks through June and July (Murphy and Wilburn 2012).

In 2012, management of the Bear River and Three Hills sections were greatly influenced by weak sockeye salmon runs in the Bear and Sandy rivers. The Bear River Section, which includes the area from Port Moller to Cape Seniavin, closed on June 18 and a portion of the section southwest of the southern regulatory marker at the mouth of Bear River reopened on July 2 to allow escapement into Sandy River yet provide some harvest opportunity on Bear River sockeye salmon. This open portion of the Bear River section closed on July 6 when Bear River escapement began struggling to meet interim escapement goals. Escapement continued to be weak and as a result, the Bear River Section stayed closed to commercial salmon fishing for the remainder of the 2012 season. The Three Hills Section was closed the entire 2012 commercial salmon season to allow escapement into Bear River, as well as Sandy River, which failed to meet any interim escapement objectives.

Harvest in the Bear River Section occurred from June 11 to July 6. A total of 13 permit holders harvested 12,912 sockeye salmon which was below the 2003–2012 average harvest of 509,035 fish (Tables 4 and 25). The largest weekly harvest in the Bear River Section of 6,873 sockeye salmon occurred between June 28 and July 4 (Table 2). The largest daily harvest of 2,962 sockeye salmon occurred on July 5 (Table 25). Typically, ADF&G will test fish to assess the marine build-up around the mouth of Bear River beginning around August 1 when management of the late sockeye salmon run begins. In 2012 however, escapements through the Bear River weir gave no indication that the run was increasing and no test fisheries were performed (Table 26). As a result of the weak escapement numbers, the Bear River Section remained closed since early July and there was no harvest on the sockeye salmon late run. The 2003–2012 average late-run harvest of the Bear River sockeye salmon was 464,281 fish (Table 16).

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 a reduction in fishing time due to inseason management actions implemented to protect local stocks. There was no harvest in 2012 in the Three Hills Section due to a season long closure (Table 27). This was the first season on record that this occurred. The 2003–2012 average harvest in the Three Hills Section was 116,398 sockeye (Table 4).

Ilnik Section

The Ilnik Section may open to commercial salmon fishing on June 20, depending on escapement levels in the Ilnik and Meshik rivers (5 AAC 09.369(j)(1)(A)). Management of the Ilnik Section northeast of Unangashak Bluffs is based on the Ilnik River weir escapement and Meshik River sockeye salmon escapement (as determined by aerial surveys). In that portion of the Ilnik Section southwest of Unangashak Bluffs, management actions are based on Ilnik River weir escapement levels and Ocean River escapement.

The Ilnik Section outside of Ilnik Lagoon opened to commercial salmon fishing on July 2. At that time the cumulative Ilnik River sockeye salmon escapement was 23,216 fish, meeting interim escapement objectives and was sufficient to warrant a commercial salmon fishing opener

(Table 19). The Ilnik Section opened from July 2 until July 11 with one 36 hour closure (Table 2 and 23). A total of 118 permit holders harvested 251,794 sockeye salmon in the Ilnik Section until commercial salmon fishing was closed over concerns for low escapement into local streams (Table 28). About 38% of the harvest (95,060 sockeye salmon) occurred southwest of Unangashak Bluffs, and about 62% (156,734 sockeye salmon) was harvested between Unangashak Bluffs and Strogonof Point (Table 21; Figures 2 and 3). The 2012 peak daily catch was on July 4 when 63,602 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 Wilburn 2012). After August 15, by regulation, the Ilnik Section is managed on the basis of coho salmon runs into Ilnik Lagoon and the abundance of the Bear River late-run sockeye salmon stock. Once again, due to the low sockeye salmon escapement numbers into Bear River, the Ilnik Section was closed this entire period and the 2012 coho salmon harvest of three fish in the Ilnik Section occurred incidental to the sockeye salmon harvest in early July (Table 28). The 2003–2012 average coho salmon commercial harvest in the Ilnik Section was 7,179 fish (Table 6).

No commercial salmon fishing effort occurred inside Ilnik Lagoon in 2012 even though fishing time was permitted (Table 21).

Outer Port Heiden Section

This was the sixth year a directed sockeye salmon fishery occurred in the Outer Port Heiden Section since the section reopened in 2007. Fishing time in the Outer Port Heiden Section is based on Meshik River sockeye salmon abundance unless management actions are taken for the conservation of Ugashik River sockeye salmon in the Egegik District (Murphy and Wilburn 2012). The earliest the Outer Port Heiden Section can open is June 20. Turbid conditions during an aerial survey on June 25 made it difficult to assess the sockeye salmon run strength in the Meshik River, therefore commercial salmon fishing did not open until June 28 when the run had more time to increase. The weekly fishing period in the Outer Port Heiden Section allows 2.5 days of fishing time per week. This schedule was followed through July 15 when the area closed for the duration of the 2012 season (Table 23). In 2012, 111 permit holders harvested 268,226 sockeye salmon from the Outer Port Heiden Section (Table 2 and 29). The peak daily catch was on June 30 when 72 permit holders harvested 60,337 sockeye salmon (Table 29). The largest weekly harvest of 132,377 sockeye salmon occurred during the period July 5 to July 11 (Table 2; Figure 9).

In 2012, the number of permit holders fishing in the Outer Port Heiden Section remained similar to previous years (Figure 10), however, the sockeye salmon harvest was the second lowest in six years. Despite the increase in effort, 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

There was no commercial fishing effort in the Inner Port Heiden and Cinder River sections in 2012 (Table 30).

EMERGENCY ORDERS

In 2012, there were a total of 35 emergency orders issued concerning North Alaska Peninsula salmon fisheries (Table 23). The first emergency order for the North Alaska Peninsula was issued on June 17 and the last on September 4. Emergency orders for North Alaska Peninsula fisheries were issued from the regional Alaska Department of Fish and Game offices in Port Moller and Cold Bay in 2012.

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TABLES AND FIGURES

Table 1.—North Alaska Peninsula salmon runs by species, 1962–2012.

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	

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Table 1.—Page 2 of 5.

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

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Table 1.–Page 3 of 5.

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

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Table 1.–Page 4 of 5.

Year		Number of Salmon					Total
		Chinook	Sockeye	Coho	Pink	Chum	
2000	Catch	3,904	1,968,882	83,655	34,373	93,696	2,184,510
	Escapement ^a	9,600	927,200		70,900	594,700	
	Total	13,504	2,896,082		105,273	688,396	
2001	Catch	4,412	1,147,030	22,162	12,469	174,523	1,360,596
	Escapement ^a	13,300	875,400		24,300	692,700	
	Total	17,712	2,022,430		36,769	867,223	
2002	Catch	3,852	1,415,872	28,751	21,461	51,040	1,520,976
	Escapement ^a	18,900	894,500	289,333 ^d	24,900	679,900	
	Total	22,752	2,310,372	318,084	46,361	730,940	
2003	Catch	4,545	1,477,391	53,137	18,624	38,755	1,592,452
	Escapement ^a	11,078	1,231,411	337,800 ^d	20,000	450,660	
	Total	15,623	2,708,802	390,937	38,624	489,415	
2004	Catch	10,402	2,433,778	33,920	15,828	14,958	2,508,886
	Escapement ^a	30,874	1,433,827	520,400 ^d	122,000	434,950	
	Total	41,276	3,867,605	554,320	137,828	449,908	
2005	Catch	9,198	3,115,792	68,680	3,830	42,539	3,240,039
	Escapement ^a	30,617	1,556,811	138,169 ^d	52,628	296,640	
	Total	39,815	4,672,603	206,849	56,458	339,179	
2006	Catch	7,637	2,375,158	93,955	64,207	131,718	2,672,675
	Escapement ^a	32,173	1,157,546	229,440 ^d	252,462	576,043	
	Total	39,810	3,532,704	323,395	316,669	707,761	
2007	Catch	7,609	3,408,818	69,010	137,882	181,009	3,804,328
	Escapement ^a	20,685	1,069,752	74,050 ^{d,e}	45,509	578,784	
	Total	28,294	4,478,570	143,060	183,391	759,793	
2008	Catch	1,799	2,003,906	125,237	21,136	177,364	2,329,442
	Escapement ^a	36,072	1,013,170	178,925 ^d	49,400	470,287	
	Total	37,871	3,017,076	304,162	70,536	647,651	
2009	Catch	3,189	2,426,601	67,601	275,083	105,994	2,878,468
	Escapement ^a	12,807	934,400	206,695 ^d	91,441	232,591	
	Total	15,996	3,361,001	274,296	366,524	338,585	

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Table 1.–Page 5 of 5.

Year		Number of Salmon					Total
		Chinook	Sockeye	Coho	Pink	Chum	
2010	Catch	2,772	2,229,978	62,147	7,833	259,063	2,561,793
	Escapement ^a	9,387	875,100	117,900	32,412	289,410	
	Total	12,159	3,105,078	180,047	40,245	548,473	
2011	Catch	2,368	923,194	19,440	108,830	293,782	1,347,614
	Escapement ^a	15,254	795,105	108,150	16,778	248,352	
	Total	17,622	1,718,299	127,590	125,608	542,134	
2012	Catch	1,053	764,388	37,399	1,173	283,035	1,087,048
	Escapement ^a	3,574	747,090	163,670	28,968	280,418	
	Total	4,627	1,511,478	201,069	30,141	563,453	
2012	Projected Catch	3,000	1,600,000	40,000	10,000	125,000	1,778,000
2003–2012 Average							
	Catch	5,057	2,115,900	63,053	22,035 ^f	152,822	2,402,275
	Escapement ^a	20,252	1,081,421	207,520	97,048 ^f	385,814	
	Total	25,309	3,197,322	270,573	119,084 ^f	538,635	

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

^a Escapements are estimated totals.

^b These figures are very rough extrapolated estimates.

^c Number of fish in thousands.

^d Escapement estimates are a minimum count.

^e No surveys were conducted in the Northern District.

^f Averages for pink salmon include only the even-numbered years 2004, 2006, 2008, 2010 and 2012.

Table 2.—North Alaska Peninsula salmon harvest by species, week, and section, all gear combined, 2012.

Catch Dates	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
<i>Dublin Bay Section^a</i>												
Total	0	0	0	0	0	0	0	0	0	0	0	0
<i>Urilia Bay Section</i>												
12 Jul–18 Jul ^b												
19 Jul–25 Jul ^b												
26 Jul–01 Aug ^b												
Total	4	5	0	0	3,183	17,747	7	42	285	570	35	246
<i>Swanson Lagoon Section^a</i>												
Total	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bechevin Bay Section</i>												
05 Jul–11 Jul ^b												
12 Jul–18 Jul ^b												
19 Jul–25 Jul ^b												
26 Jul–01 Aug	4	5	0	0	0	0	0	0	0	0	4,512	33,862
02 Aug–08 Aug	6	6	0	0	115	705	37	300	87	175	405	3,119
Total	10	13	0	0	118	721	37	300	131	307	10,296	75,677
<i>Izembek-Moffet Bay Section</i>												
28 Jun–04 Jul	7	12	3	44	7,000	42,017	0	0	5	15	3,244	24,522
05 Jul–11 Jul	6	9	0	0	7,112	42,297	0	0	0	0	6,295	47,647
12 Jul–18 Jul	6	13	0	0	1,905	9,877	0	0	10	27	6,871	50,307
19 Jul–25 Jul	12	36	1	6	7,850	39,856	58	458	190	384	18,163	136,146
26 Jul–01 Aug	5	7	0	0	3,301	17,451	2	15	10	20	4,417	33,098
02 Aug–08 Aug	22	51	2	42	12,093	64,987	155	982	44	134	50,334	377,019
09 Aug–15 Aug	33	73	2	32	8,990	46,599	258	1,656	28	99	62,419	492,826
16 Aug–22 Aug	26	59	1	26	5,184	28,330	866	6,793	175	953	22,476	173,419
23 Aug–29 Aug	9	14	0	0	635	3,798	314	2,437	13	35	2,997	22,833
30 Aug–Sep 05 ^b												
06 Sep–12 Sep ^b												
Total	42	275	9	150	54,072	295,228	1,937	14,612	478	1,676	177,270	1,358,254

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Table 2.–Page 2 of 4.

Catch Dates	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
<i>Caribou Flats Section^c</i>												
Total	0	0	0	0	0	0	0	0	0	0	0	0
<i>Black Hills Section</i>												
05 Jul–11 Jul	3	5	7	66	1,988	10,683	0	0	0	0	210	1,568
12 Jul–18 Jul	24	47	19	269	10,391	57,438	1	10	7	22	3,296	22,834
19 Jul–25 Jul	23	78	14	197	17,179	97,432	101	756	10	29	6,091	44,366
26 Jul–01 Aug	14	32	2	24	7,739	43,196	194	1,486	13	36	8,166	60,452
02 Aug–08 Aug	32	113	6	85	14,297	80,958	1,005	6,373	120	360	38,563	273,884
09 Aug–15 Aug	23	43	1	28	3,018	16,851	400	2,486	21	63	2,918	20,823
16 Aug–22 Aug	14	42	3	60	2,057	11,821	947	7,168	18	53	10,502	82,587
23 Aug–29 Aug	9	25	0	0	714	4,100	1,097	8,304	44	119	4,081	31,697
30 Aug–05 Sep ^b												
Total	51	386	52	729	57,398	322,566	3,929	27,839	233	682	73,941	539,009
<i>Nelson Lagoon Section</i>												
31 May–6 Jun ^b												
07 Jun–13 Jun	12	29	41	484	4,931	25,401	0	0	0	0	0	0
14 Jun–20 Jun	17	41	31	439	7,723	39,297	0	0	1	3	0	0
21 Jun–27 Jun	14	14	11	123	2,479	12,247	0	0	0	0	0	0
28 Jun–04 Jul	23	120	147	2,112	28,896	150,123	0	0	0	0	0	0
05 Jul–11 Jul	23	122	30	436	24,583	127,714	1	10	5	15	5	49
12 Jul–18 Jul	22	77	9	182	9,590	47,889	0	0	0	0	181	1,753
19 Jul–25 Jul	19	78	7	86	7,802	40,376	5	31	0	0	1,079	8,526
26 Jul–01 Aug	18	93	0	0	13,416	74,502	295	1,760	2	6	2,497	17,667
02 Aug–08 Aug	17	59	0	0	8,688	47,440	1,052	5,849	0	0	1,376	9,400
09 Aug–15 Aug	15	64	0	0	3,921	22,038	2,232	15,331	0	0	780	5,476
16 Aug–22 Aug	18	57	1	12	2,312	12,924	4,964	33,904	0	0	39	240
23 Aug–29 Aug	19	82	0	0	1,933	10,823	14,731	97,614	0	0	2	14
30 Aug–05 Sep	19	55	0	0	318	1,840	8,196	57,985	0	0	2	14
Total	27	894	280	3,898	116,685	613,082	31,476	212,484	8	24	5,961	43,139

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Table 2.–Page 3 of 4.

Catch Dates	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
<i>Herendeen-Moller Bay Section</i>												
12 Jul–18 Jul ^b	1	1	0	0	0	0	0	0	0	0	11	71
Total	1	1	0	0	0	0	0	0	0	0	11	71
<i>Port Moller Bight Section^a</i>												
Total	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bear River Section^d</i>												
07 Jun–13 Jun	4	8	22	237	1,729	8,909	0	0	0	0	5	32
14 Jun–20 Jun	0	0	0	0	0	0	0	0	0	0	0	0
21 Jun–27 Jun	0	0	0	0	0	0	0	0	0	0	0	0
28 Jun–04 Jul	11	21	37	728	6,873	41,252	0	0	0	0	366	2,303
05 Jul–11 Jul	8	15	6	83	4,310	31,021	0	0	0	0	372	2,672
Total	13	44	65	1,048	12,912	81,182	0	0	0	0	743	5,007
<i>Three Hills Section^e</i>												
Total	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ilnik Section^f</i>												
28 Jun–04 Jul	110	347	171	2,808	137,231	805,539	0	0	1	3	3,216	22,533
05 Jul–11 Jul	118	453	184	3,381	114,563	681,387	3	17	14	41	5,228	36,609
Total	118	800	355	6,189	251,794	1,486,926	3	17	15	44	8,444	59,142
<i>Harbor Point to Outer Port Heiden (Port Moller Bight, Bear River, Three Hills, Ilnik, and Outer Port Heiden Sections Combined)</i>												
07 Jun–13 Jun	4	8	22	237	1,729	8,909	0	0	0	0	5	32
14 Jun–20 Jun	0	0	0	0	0	0	0	0	0	0	0	0
21 Jun–27 Jun	0	0	0	0	0	0	0	0	0	0	0	0
28 Jun–04 Jul	119	621	368	6,220	269,361	1,584,383	0	0	8	19	5,532	38,361
05 Jul–11 Jul	121	721	310	5,769	251,250	1,501,274	3	17	21	60	8,526	60,601
12 Jul–18 Jul	64	94	12	267	10,592	61,496	10	62	9	30	1,458	10,080
Total	123	843	712	12,493	532,932	3,156,062	13	79	38	109	15,521	109,074
<i>Outer Port Heiden Section^f</i>												
28 Jun–04 Jul	75	254	160	2,684	125,257	737,592	0	0	7	16	1,950	13,525
05 Jul–11 Jul	102	253	120	2,305	132,377	788,866	0	0	7	19	2,926	21,320
12 Jul–18 Jul	64	94	12	267	10,592	61,496	10	62	9	30	1,458	10,080
Total	111	601	292	5,256	268,226	1,587,954	10	62	23	65	6,334	44,925

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Table 2.–Page 4 of 4.

Catch Dates	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
<i>Inner Port Heiden Section^a</i>												
Total	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cinder River Section^a</i>												
Total	0	0	0	0	0	0	0	0	0	0	0	0
<i>Entire North Peninsula</i>												
31 May–06 Jun ^b												
07 Jun–13 Jun	16	37	63	721	6,660	34,310	0	0	0	0	5	32
14 Jun–20 Jun	17	41	31	439	7,723	39,297	0	0	1	3	0	0
21 Jun–27 Jun	14	14	11	123	2,479	12,247	0	0	0	0	0	0
28 Jun–04 Jul	145	754	518	8,376	305,257	1,776,523	0	0	13	34	8,776	62,883
05 Jul–11 Jul	148	858	347	6,271	284,936	1,681,984	4	27	70	207	19,083	138,177
12 Jul–18 Jul	98	236	40	718	33,150	180,733	18	114	26	79	13,158	95,493
19 Jul–25 Jul	48	193	22	289	34,185	184,432	164	1,245	200	413	25,333	189,038
26 Jul–01 Aug	37	138	2	24	25,613	142,095	491	3,261	310	632	19,618	145,261
02 Aug–08 Aug	58	225	8	127	35,193	194,090	2,249	13,504	251	669	90,678	663,422
09 Aug–15 Aug	60	180	3	60	15,929	85,488	2,890	19,473	49	162	66,117	519,125
16 Aug–22 Aug	48	158	5	98	9,553	53,075	6,777	47,865	193	1,006	33,017	256,246
23 Aug–29 Aug	29	117	0	0	3,282	18,721	16,142	108,355	57	154	7,080	54,544
30 Aug–05 Sep	20	56	0	0	333	1,927	8,380	59,241	0	0	116	812
06 Sep–12 Sep ^b												
Total	154	3,011	1,053	17,270	764,388	4,405,406	37,399	255,356	1,173	3,368	283,035	2,125,470

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

^a There was no commercial salmon harvest effort in this section in 2012.

^b Confidentiality requirements prohibit reporting harvest.

^c The Caribou Flats Section: no open season.

^d The Bear River Section closed until further notice on July 9, 2012.

^e The Three Hills Section closed until further notice on June 25, 2012.

^f The Inik and Outer Port Heiden section closed until further notice on July 16, 2012.

Table 3.—Northern District Chinook salmon runs in number of fish, by section, 1962–2012.

Year		Cinder River Section	Outer Port Heiden Section ^a	Inner Port Heiden Section	Three Hills & Inik 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

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Table 3.–Page 2 of 6.

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

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Table 3.–Page 3 of 6.

Year		Cinder River Section	Outer Port Heiden Section ^a	Inner Port Heiden Section	Three Hills & Inik 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

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Table 3.–Page 4 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
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

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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

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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
2010	Catch	0	580	0	419	1,361	41	360	6	2,767
	Escapement ^c	1,950	0	1,010	14	544	0	2,769	3,100	9,387
	Total	1,950	580	1,010	433	1,905	41	3,129	3,106	12,154
2011	Catch	0	756	0	570	473	39	499	19	2,356
	Escapement ^c	3,200	0	8,300	0	750	0	1,704	1,300	15,254
	Total	3,200	756	8,300	570	1,223	39	2,203	1,319	17,610
2012	Catch	0	292	0	355	65	0	280	52	1,044
	Escapement ^c	440	0	41	1	1,400	0	1,092	600	3,574
	Total	440	292	41	356	1,465	0	1,372	652	4,618
2003–2012 Average										
	Catch ^d	23	594	132	1,378	1,725	8	1,397	32	5,052
	Escapement	4,509	0	6,240	24	2,642	0	3,589	3,249	20,252
	Total	4,532	594	6,372	1,402	4,366	8	4,986	3,281	25,304

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

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

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

^c Escapements are estimated totals.

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

Table 4.—Northern District sockeye salmon runs in number of fish, by section, 1962–2012.

Year		Cinder River Section	Outer Port Heiden ^a	Inner Port Heiden ^b	IlNIK	Three Hills	Bear River ^c	Combined IlNIK, Three Hills, & Bear R. Sections	Port Moller Bight & Herendeen-Moller Bay	Nelson Lagoon	Caribou Flats & Black Hills	Northern District Totals
1962	Catch	900	0	17,800	9,700	^d	142,900	152,600	0	69,600	0	240,900
	Escapement ^f	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	Catch	0	0	0	26,600	^d	120,000	146,600	0	71,500	0	218,100
	Escapement ^f	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	Catch	0	0	6,300	33,300	^d	107,500	140,800	0	88,700	0	235,800
	Escapement ^f	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	Catch	0	0	9,700	58,400	^d	62,400	120,800	100	53,800	0	184,400
	Escapement ^f	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	Catch	0	0	8,000	11,000	^d	152,600	163,600	0	60,000	0	231,600
	Escapement ^f	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	Catch	0	0	3,100	0	^d	156,100	156,100	12,500	40,200	0	211,900
	Escapement ^f	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	Catch	0	0	0	78,600	^d	90,500	169,100	3,400	51,100	0	223,600
	Escapement ^f	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	Catch	0	0	5,200	24,000	^d	205,500	229,500	4,400	72,800	0	311,900
	Escapement ^f	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

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Table 4.—Page 2 of 7.

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

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Table 4.–Page 3 of 7.

Year		Cinder River Section	Outer Port Heiden ^a	Inner Port Heiden ^b	Ilnik	Three Hills	Bear River ^c	Combined Ilnik, Three Hills, & Bear R. Sections	Port Moller Bight & Herendeen-Moller Bay	Nelson Lagoon	Caribou Flats & Black Hills	Northern District Totals
1978	Catch	0	0	829	7,457	24,711	556,393	588,561	53,731	213,430	0	856,551
	Escapement ^f	3,800	0	18,800	21,200	0	814,000	835,200	4,900	304,300	1,500	1,168,500
	Total	3,800	0	19,629	28,657	24,711	1,370,393	1,423,761	58,631	517,730	1,500	2,025,051
1979	Catch	140	0	36,940	53,972	140,390	1,320,851	1,515,213	32,121	320,856	0	1,905,270
	Escapement ^f	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	Catch	46	0	24,628	121,574	130,653	741,861	994,088	10,460	318,526	0	1,347,748
	Escapement ^f	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	Catch	24	0	3,847	24,334	44,559	1,327,219	1,396,112	18,610	374,722	0	1,793,315
	Escapement ^f	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	Catch	0	0	8,782	35,088	107,418	1,009,291	1,151,797	11,336	229,203	419	1,401,537
	Escapement ^f	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	Catch	71	0	68	390,883	338,730	1,122,976	1,852,589	15,007	192,947	5	2,060,687
	Escapement ^f	9,000	0	8,600	40,000	100	358,000	398,100	500	128,800	2,600	547,600
	Total	9,071	0	8,668	430,883	338,830	1,480,976	2,250,689	15,507	321,747	2,605	2,608,287
1984	Catch	0	0	1,746	409,883	333,832	637,400	1,381,115	31,447	118,756	48	1,533,112
	Escapement ^f	16,000	0	31,100	22,300	0	414,000	436,300	700	251,000	600	735,700
	Catch	16,000	0	32,846	432,183	333,832	1,051,400	1,817,415	32,147	369,756	648	2,268,812
1985	Catch	333	0	5,090	508,887	469,267	821,312	1,799,466	4,519	703,546	0	2,512,954
	Escapement ^f	12,600	0	45,500	22,700	0	451,500	474,200	700	314,800	3,700	851,500
	Total	12,933	0	50,590	531,587	469,267	1,272,812	2,273,666	5,219	1,018,346	3,700	3,364,454

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Table 4.–Page 4 of 7.

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

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Table 4.–Page 5 of 7.

Year		Cinder River Section	Outer Port Heiden ^a	Inner Port Heiden ^b	Ilnik	Three Hills	Bear River ^c	Combined Ilnik, Three Hills, & Bear R. Sections	Port Moller Bight & Herendeen- Moller Bay	Nelson Lagoon	Caribou Flats & Black Hills	Northern District Totals
1994	Catch	5,197	0	633	838,945	481,600	1,089,249	2,409,794	2,244	329,212	1,202	2,748,282
	Escapement ^f	83,400	0	44,900	75,300	0	581,200	656,500	400	333,400	5,100	1,123,700
	Total	88,597	0	45,533	914,245	481,600	1,670,449	3,066,294	2,644	662,612	6,302	3,871,982
1995	Catch	1,280	0	768	320,473	931,168	1,536,039	2,787,680	5,936	448,281	3,569	3,247,514
	Escapement ^f	47,500	0	85,600	39,000	400	430,400	469,800	2000	338,700	3,700	947,300
	Total	48,780	0	86,368	359,473	931,568	1,966,439	3,257,480	7,936	786,981	7,269	4,194,814
1996	Catch	3,726	0	3,603	612,761	188,556	592,413	1,393,730	1,546	445,335	5,077	1,853,017
	Escapement ^f	60,000 ^e	0	60,000	62,500	0	431,100	493,600	6000	257,000	8,500	885,100
	Total	63,726	0	63,603	675,261	188,556	1,023,513	1,887,330	7,546	702,335	13,577	2,738,117
1997	Catch	8,342	0	2,222	762,638	263,089	642,461	1,668,188	8,693	384,370	20,741	2,092,556
	Escapement ^f	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	Catch	8,321	0	249	470,560	106,856	251,327	828,743	799	161,441	36,684	1,036,237
	Escapement ^f	57,000	0	59,200	50,600	300	469,100	520,000	700	165,300	7,700	809,900
	Total	65,321	0	59,449	521,160	107,156	720,427	1,348,743	1,499	326,741	44,384	1,846,137
1999	Catch	19,004	0	877	617,330	200,239	557,805	1,375,374	2,397	237,293	25,324	1,660,269
	Escapement ^f	12,400	0	76,000	75,000	100	408,000	483,100	2500	223,300	11,300	808,600
	Total	31,404	0	76,877	692,330	200,339	965,805	1,858,474	4,897	460,593	36,624	2,468,869
2000	Catch	7,984	0	68	769,548	403,470	473,631	1,646,649	4,090	193,694	13,951	1,866,436
	Escapement ^f	51,000	0	184,600	95,000	0	275,000	370,000	500	182,700	8,400	797,200
	Total	58,984	0	184,668	864,548	403,470	748,631	2,016,649	4,590	376,394	22,351	2,663,636
2001	Catch	5,482	0	0	205,041	165,878	527,284	898,203	1,975	174,363	16,263	1,096,286
	Escapement ^f	33,000	0	115,000	59,000	300	351,000	410,300	500	207,100	8,600	774,500
	Total	38,482	0	115,000	264,041	166,178	878,284	1,308,503	2,475	381,463	24,863	1,870,786

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Table 4.–Page 6 of 7.

Year		Cinder River Section	Outer Port Heiden ^a	Inner Port Heiden ^b	Ilnik	Three Hills	Bear River ^c	Combined Ilnik, Three Hills, & Bear R. Sections	Port Moller Bight & Herendeen- Moller Bay	Nelson Lagoon	Caribou Flats & Black Hills	Northern District Totals
2002	Catch	1,548	0	111	121,054	251,377	596,270	968,701	1,022	325,904	35,744	1,333,030
	Escapement ^f	11,500	0	54,100	43,000	650	275,000	318,650	1500	338,400	12,000	736,150
	Total	13,048	0	54,211	164,054	252,027	871,270	1,287,351	2,522	664,304	47,744	2,069,180
2003	Catch	2,775	0	0	267,495	238,674	491,857	998,026	44	373,252	40,126	1,414,223
	Escapement ^f	102,700	0	114,000	69,000	300	432,000	501,300	500	364,211	11,100	1,093,811
	Total	105,475	0	114,000	336,495	238,974	923,857	1,499,326	544	737,463	51,226	2,508,034
2004	Catch	0	0	0	1,115,036	63,935	611,147	1,790,118	0	527,637	17,604	2,335,359
	Escapement ^f	58,050	0	103,700	82,000	600	467,000	549,600	2250	515,397	17,900	1,246,897
	Total	58,050	0	103,700	1,197,036	64,535	1,078,147	2,339,718	2,250	1,043,034	35,504	3,582,256
2005	Catch	116	0	1,835	1,370,001	193,621	1,030,989	2,594,611	12	334,702	9,971	2,941,247
	Escapement ^f	141,000	0	113,100	154,000	5,700	655,300	815,000	500	303,000	47,500	1,420,100
	Total	141,116	0	114,935	1,524,001	199,321	1,686,289	3,409,611	512	637,702	57,471	4,361,347
2006	Catch	0	0	1,151	1,317,901	153,343	576,552	2,047,796	0	255,265	8,430	2,312,642
	Escapement ^f	101,100	0	142,610	88,000	1,800	493,000	582,800	3000	226,000	7,530	1,063,040
	Total	101,100	0	143,761	1,405,901	155,143	1,069,552	2,630,596	3,000	481,265	15,960	3,375,682
2007	Catch	0	387,786	842	1,776,430	234,930	617,402	2,628,762	206	337,556	4,273	3,359,425
	Escapement ^f	142,000	0	58,500	93,000	1,500	475,702	570,202	3100	187,000	16,800	977,602
	Total	142,000	387,786	59,342	1,869,430	236,430	1,093,104	3,198,964	3,306	524,556	21,073	4,337,027
2008	Catch	0	320,857	1,574	885,634	123,344	417,261	1,426,239	128	183,330	20,332	1,952,460
	Escapement ^f	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

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Table 4.–Page 7 of 7.

Year		Cinder River Section	Outer Port Heiden ^a	Inner Port Heiden ^b	Ilnik	Three Hills	Bear River ^c	Combined Ilnik, Three Hills, & Bear R. Sections	Port Moller Bight & Herendeen-Moller Bay	Nelson Lagoon	Caribou Flats & Black Hills	Northern District Totals
2009	Catch	0	762,643	0	651,624	93,388	652,873	1,397,885	0	214,302	14,712	2,389,542
	Escapement ^f	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
2010	Catch	0	786,025	236	660,074	51,556	558,702	1,270,332	416	93,715	24,449	2,175,173
	Escapement ^f	108,900	0	63,700	59,000	1,100	406,500	466,600	1,300	157,000	28,500	826,000
	Total	108,900	786,025	63,936	719,074	52,656	965,202	1,736,932	1,716	250,715	52,949	3,001,173
2011	Catch	0	375,128	0	303,064	11,189	120,652	434,905	414	74,808	17,826	903,081
	Escapement ^f	106,000	0	94,200	43,000	1,505	377,500	422,005	800	113,000	10,200	746,205
	Total	106,000	375,128	94,200	346,064	12,694	498,152	856,910	1,214	187,808	28,026	1,649,286
2012	Catch	0	268,226	0	251,794	0	12,912	264,706	0	116,685	57,398	707,015
	Escapement ^f	76,620	0	50,900	61,000	100	316,700	377,800	900	137,800	23,700	667,720
	Total	76,620	268,226	50,900	312,794	100	329,612	642,506	900	254,485	81,098	1,374,735
2003–2012 Average												
	Catch ^g	289	483,444	564	859,905	116,398	509,035	1,485,338	122	251,125	21,512	2,049,017
	Escapement ^f	109,977	0	91,516	75,930	1,621	436,240	513,791	1,657	234,151	21,523	972,615
	Avg. Total	110,266	483,444	92,080	935,835	118,019	945,275	1,999,129	1,779	485,276	43,035	3,021,631

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

^a Outer Port Heiden Section catches occurred from 1986 to 1989 and 2007 to 2012. This section was closed between 1990 and 2006.

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

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

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

^e These figures are extrapolated estimates.

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

^g Outer Port Heiden average catch includes 2007–2012, the years the section has been reopened.

Table 5.—Port Moller Bight, Bear River, Three Hills, and Ilnik sections combined salmon harvest by species and day, 2012.

Catch Date	Permits ^e	Landings	Number of Fish				
			Chinook	Sockeye	Coho	Pink	Chum
Prior to 10-June	0	0	0	0	0	0	0
11-Jun	3	3	7	505	0	0	3
12-Jun	3	3	8	621	0	0	2
13-Jun ^a							
14 Jun–1 Jul ^b							
2-Jul	115	151	78	48,103	0	1	1,018
3-Jul	82	91	51	30,544	0	0	772
4-Jul	95	125	79	65,457	0	0	1,792
5-Jul	36	42	20	21,371	0	0	593
6-Jul	45	49	38	25,488	0	0	964
7-Jul ^b							
8-Jul	79	82	20	17,557	1	0	919
9-Jul	104	108	41	22,339	1	6	1,341
10-Jul	99	112	45	18,549	0	8	1,132
11-Jul	72	75	26	13,569	1	0	651
12 Jul–15 Jul ^b							
16-Jul ^c							
Total ^d	123	843	420	264,706	3	15	9,187

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

^a Confidentiality requirements prohibit releasing this information.

^b Fishery closed.

^c On July 9, 2012 the Bear River Section closed until further notice. On July 16, 2012, the Ilnik Section closed until further notice. The Three Hills Section did not open in 2012.

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

^e Total permits includes total number of unique permits fished.

Table 6.—North Peninsula coho salmon harvest in number of fish by district and section, 2003–2012.

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

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

^a Caribou Flats Section: no open season.

^b Includes Port Moller Bight Section.

^c Outer Port Heiden average only included 2007–2012, years the section has been opened.

Table 7.–Northwestern District pink salmon runs in number of fish, 1962–2012.

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

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Table 7.-Page 2 of 5.

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

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Table 7.-Page 3 of 5.

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

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Table 7.-Page 4 of 5.

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

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Table 7.–Page 5 of 5.

Year		Dublin, Uria & Bechevin		
		Izembek - Moffet Bay ^a	Bays & Swanson Lagoon ^{a,b}	Northwestern District Total ^b
2009	Catch	343	274,510	274,853
	Escapement ^c	2,400	72,000	74,400
	Total	2,743	346,510	349,253
2010	Catch	1,219	5,231	6,450
	Escapement ^c	1,700	13,600	15,300
	Total	2,919	18,831	21,750
2011	Catch	4,466	104,029	108,495
	Escapement ^c	0	2,400	2,400
	Total	4,466	106,429	110,895
2012	Catch	478	416	894
	Escapement ^c	3,300	7,603	10,903
	Total	3,778	8,019	11,797
2003–2012 Average ^d				
	Catch	1,321	17,146	18,467
	Escapement ^c	3,768	46,696	50,464
	Total	5,089	63,841	68,930

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

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

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

^c Escapements are estimated totals.

^d Averages include only the even-numbered years 2004, 2006, 2008, 2010, and 2012.

Table 8.—Northern District chum salmon runs in number of fish, 1962–2012.

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

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Table 8.—Page 2 of 7.

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

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Table 8.—Page 3 of 7.

Year		Cinder River	Outer Port Heiden	Inner Port Heiden	Three Hills & Ilnik	Bear River	Port Moller Bight, Herendeen & Moller Bay	Nelson Lagoon	Caribou Flats & Black Hills	Northern District Totals
1978	Catch	0	0	437	1,242	14,594	6,558	10,323	0	33,154
	Escapement ^a	7,400	0	22,000	1,500 ^b	15,500 ^b	89,300	10,200	1,000 ^b	146,900
	Total	7,400	0	22,437	2,742 ^b	30,094 ^b	95,858	20,523	1,000 ^b	180,054
1979	Catch	27	0	776	680	17,379	10,852	5,657	0	35,371
	Escapement ^a	3,600 ^b	0	32,700 ^b	0	7,000	30,600	37,000	4,000	114,900
	Total	3,627 ^b	0	33,476 ^b	680	24,379	41,452	42,657	4,000	150,271
1980	Catch	20	0	2,580	29,773	161,666	58,560	80,086	0	332,685
	Escapement ^a	10,000 ^b	0	33,700 ^b	10,000 ^b	20,000 ^b	116,100	164,000	10,400	364,200
	Total	10,020 ^b	0	36,280 ^b	39,773 ^b	181,666 ^b	174,660	244,086	10,400	696,885
1981	Catch	0	0	227	7,148	154,995	126,188	62,764	0	351,322
	Escapement ^a	11,800 ^b	0	73,400 ^b	11,000 ^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

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Table 8.–Page 4 of 7.

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

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Table 8.—Page 5 of 7.

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

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Table 8.–Page 6 of 7.

Year		Cinder River	Outer Port Heiden	Inner Port Heiden	Three Hills & Ilnik	Bear River	Port Moller Bight, Herendeen & Moller Bay	Nelson Lagoon	Caribou Flats & Black Hills	Northern District Totals
2002	Catch	0	0	104	6,564	13,452	110	6,849	2,122	29,201
	Escapement ^a	1,000	0	12,800	2,800	9,000	217,500	13,400	6,300	262,800
	Total	1,000	0	12,904	9,364	22,452	217,610	20,249	8,422	292,001
2003	Catch	0	0	0	5,870	5,898	1	7,320	3,089	22,178
	Escapement ^a	7,310	0	33,550	3,100	6,400	153,100	8,300	2,900	214,660
	Total	7,310	0	33,550	8,970	12,298	153,101	15,620	5,989	236,838
2004	Catch	0	0	0	2,278	2,727	0	2,810	665	8,480
	Escapement ^a	1,000	0	44,200	3,400	6,200	72,850	8,700	3,000	139,350
	Total	1,000	0	44,200	5,678	8,927	72,850	11,510	3,665	147,830
2005	Catch	0	0	0	1,602	3,272	0	3,770	271	8,915
	Escapement ^a	0	0	22,000	3,809	10,117	27,000	20,049	20,700	103,675
	Total	0	0	22,000	5,411	13,389	27,000	23,819	20,971	112,590
2006	Catch	0	0	2	46,021	31,780	5,059	7,702	1,766	92,330
	Escapement ^a	33,800	0	124,500	4,103	15,120	188,250	15,100	1,710	382,583
	Total	33,800	0	124,502	50,124	46,900	193,309	22,802	3,476	474,913
2007	Catch	0	7,560	0	38,752	29,508	0	8,123	1,060	85,003
	Escapement ^a	30,500	0	21,200	2,100	9,100	179,150	384	900	243,334
	Total	30,500	7,560	21,200	40,852	38,608	179,150	8,507	1,960	328,337
2008	Catch	0	2,594	0	6,537	3,201	40,722	3,321	16,849	73,224
	Escapement ^a	23,200	0	30,300	7,801	6,187	155,810	3,139	2,100	228,537
	Total	23,200	2,594	30,300	14,338	9,388	196,532	6,460	18,949	301,761

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Table 8.–Page 7 of 7.

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

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

^a Escapements are estimated totals.

^b These figures are extrapolated estimates.

^c Outer Port Heiden catch average only includes 2007–2012, the year the section has been reopened.

Table 9.—Northwestern District chum salmon runs in number of fish, 1962–2012.

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

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Table 9.–Page 2 of 5.

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

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Table 9.–Page 3 of 5.

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

-continued-

Table 9.–Page 4 of 5.

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

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Table 9.–Page 5 of 5.

Year		Izembek - Moffet Bay ^a	Dublin, Bechevin, & Uralia Bays & Swanson Lagoon ^{a,b}	Northwestern District Total
2008	Catch	79,229	24,911	104,140
	Escapement ^c	117,700	58,850	176,550
	Total	196,929	83,761	280,690
2009	Catch	17,155	37,014	54,169
	Escapement ^c	42,440	42,020	84,460
	Total	59,595	79,034	138,629
2010	Catch	125,382	13,688	139,070
	Escapement ^c	113,900	30,200	144,100
	Total	239,282	43,888	283,170
2011	Catch	142,660	86,738	229,398
	Escapement ^c	127,200	24,200	151,400
	Total	269,860	110,938	380,798
2012	Catch	177,270	10,331	187,601
	Escapement ^c	100,150	39,850	140,000
	Total	277,420	50,181	327,601
2003–2012 Average				
	Catch	68,045	22,599	90,644
	Escapement ^c	146,552	48,447	194,999
	Total	214,597	71,046	285,643

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

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

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

^c Escapements are rounded estimates determined by aerial surveys.

Table 10.–Chinook, pink, chum, and coho salmon daily and cumulative escapement counts through the Nelson River weir, 2012.

Date	Daily				Cumulative			
	Chinook	Pink	Chum	Coho	Chinook	Pink	Chum	Coho
20-Jun	1				1	0	0	0
21-Jun	8				9	0	0	0
22-Jun	1				10	0	0	0
23-Jun	7				17	0	0	0
24-Jun	8				25	0	0	0
25-Jun	6				31	0	0	0
26-Jun	14				45	0	0	0
27-Jun	40				85	0	0	0
28-Jun	13				98	0	0	0
29-Jun	17				115	0	0	0
30-Jun	8	1	0	0	123	1	0	0
1-Jul	23	0	0	0	146	1	0	0
2-Jul	24	0	0	0	170	1	0	0
3-Jul	41	0	0	0	211	1	0	0
4-Jul	32	0	0	0	243	1	0	0
5-Jul	101	1	3	3	344	2	3	3
6-Jul	103	0	7	0	447	2	10	3
7-Jul	66	0	7	0	513	2	17	3
8-Jul	28	0	2	0	541	2	19	3
9-Jul	35	0	0	0	576	2	19	3
10-Jul	23	1	0	0	599	3	19	3
11-Jul	8	1	3	0	607	4	22	3
12-Jul	3	0	1	0	610	4	23	3
13-Jul	17	4	3	0	627	8	26	3
14-Jul	2	1	2	0	629	9	28	3
15-Jul	6	1	0	0	635	10	28	3
16-Jul	10	1	3	0	645	11	31	3
17-Jul	97	0	17	0	742	11	48	3
18-Jul	73	1	44	0	815	12	92	3
19-Jul	59	0	43	0	874	12	135	3
20-Jul	29	1	20	0	903	13	155	3
21-Jul	46	0	190	0	949	13	345	3
22-Jul	37	5	293	0	986	18	638	3
23-Jul	6	0	54	0	992	18	692	3
24-Jul	0	0	11	0	992	18	703	3

Table 11.–Chinook, pink, chum, and coho salmon daily and cumulative escapement counts through the Bear River weir, 2012.

Date	Daily				Cumulative			
	Chinook	Pink	Chum	Coho	Chinook	Pink	Chum	Coho
Prior to 1-Jul	0	0	0	0	0	0	0	0
1-Jul	0	0	0	0	0	0	0	0
2-Jul	0	0	0	0	0	0	0	0
3-Jul	0	0	0	0	0	0	0	0
4-Jul	0	0	0	0	0	0	0	0
5-Jul	0	0	0	0	0	0	0	0
6-Jul	0	0	0	0	0	0	0	0
7-Jul	0	0	0	0	0	0	0	0
8-Jul	0	7	0	0	0	7	0	0
9-Jul	0	3	0	0	0	10	0	0
10-Jul	0	4	0	0	0	14	0	0
11-Jul	0	3	0	0	0	17	0	0
12-Jul	0	7	0	0	0	24	0	0
13-Jul	0	8	0	0	0	32	0	0
14-Jul	0	11	0	0	0	43	0	0
15-Jul	0	13	0	0	0	56	0	0
16-Jul	0	26	0	0	0	82	0	0
17-Jul	0	21	0	0	0	103	0	0
18-Jul	0	12	0	0	0	115	0	0
19-Jul	0	24	0	0	0	139	0	0
20-Jul	0	47	0	0	0	186	0	0
21-Jul	0	38	0	0	0	224	0	0
22-Jul	0	28	0	0	0	252	0	0
23-Jul	0	40	0	0	0	292	0	0
24-Jul	0	36	0	0	0	328	0	0
25-Jul	0	82	0	0	0	410	0	0
26-Jul	0	93	0	0	0	503	0	0
27-Jul	0	75	0	0	0	578	0	0
28-Jul	0	90	0	0	0	668	0	0
29-Jul	0	110	0	0	0	778	0	0
30-Jul	0	58	2	0	0	836	2	0
31-Jul	0	57	0	0	0	893	2	0
1-Aug	0	52	0	0	0	945	2	0
2-Aug	0	53	0	0	0	998	2	0
3-Aug	0	22	0	0	0	1,020	2	0
4-Aug	0	21	0	0	0	1,041	2	0
5-Aug	0	2	1	0	0	1,043	3	1
6-Aug	0	34	0	0	0	1,077	3	1
7-Aug	0	17	0	0	0	1,094	3	1
8-Aug	0	13	1	0	0	1,107	4	1
9-Aug	0	19	4	0	0	1,126	8	1
10-Aug	0	18	2	0	0	1,144	10	1

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Table 11.–Page 2 of 2.

Date	Daily				Cumulative			
	Chinook	Pink	Chum	Coho	Chinook	Pink	Chum	Coho
11-Aug	0	14	2	0	0	1,158	12	1
12-Aug	0	20	3	2	0	1,178	15	3
13-Aug	0	20	2	0	0	1,198	17	3
14-Aug	0	6	7	0	0	1,204	24	3
15-Aug	0	6	3	0	0	1,210	27	3
16-Aug	0	20	5	0	0	1,230	32	3
17-Aug	0	12	5	0	0	1,242	37	3
18-Aug	0	10	5	0	0	1,252	42	3
19-Aug	0	6	4	0	0	1,258	46	3
20-Aug	0	2	3	0	0	1,260	49	3
21-Aug	0	8	8	0	0	1,268	57	3
22-Aug	0	17	30	0	0	1,285	87	3
23-Aug	3	10	11	0	3	1,295	98	3
24-Aug	0	6	8	0	3	1,301	106	3

Table 12.—Chinook, pink, chum, and coho salmon daily and cumulative escapement counts through the Sandy River weir, 2012.

Date	Daily				Cumulative			
	Chinook	Pink	Chum	Coho	Chinook	Pink	Chum	Coho
26-Jun	0	0	0	0	0	0	0	0
27-Jun	0	2	0	0	0	2	0	0
28-Jun	0	1	0	0	0	3	0	0
29-Jun	0	0	0	0	0	3	0	0
30-Jun	1	3	0	0	1	6	0	0
1-Jul	0	0	0	0	1	6	0	0
2-Jul	2	2	0	0	3	8	0	0
3-Jul	0	1	0	0	3	9	0	0
4-Jul	0	0	0	0	3	9	0	0
5-Jul	0	0	0	0	3	9	0	0
6-Jul	1	1	0	0	4	10	0	0
7-Jul	1	0	0	0	5	10	0	0
8-Jul	1	0	0	0	6	10	0	0
9-Jul	0	2	0	0	6	12	0	0
10-Jul	0	14	0	0	6	26	0	0
11-Jul	4	19	1	0	10	45	1	0
12-Jul	5	24	2	0	15	69	3	0
13-Jul	10	32	0	0	25	101	3	0
14-Jul	7	27	1	0	32	128	4	0
15-Jul	1	20	0	0	33	148	4	0
16-Jul	3	9	0	0	36	157	4	0
17-Jul	0	6	0	0	36	163	4	0
18-Jul	1	51	0	0	37	214	4	0
19-Jul	2	69	1	0	39	283	5	0
20-Jul	8	46	4	0	47	329	9	0
21-Jul	6	332	5	0	53	661	14	0
22-Jul	6	85	4	0	59	746	18	0

Table 13.–Chinook, pink, chum, and coho salmon daily and cumulative escapement counts through the Ilnik River weir, 2012.

Date	Daily				Cumulative			
	Chinook	Pink	Chum	Coho	Chinook	Pink	Chum	Coho
7-Jun								
8-Jun								
9-Jun	1	0	0	0	1			
10-Jun	0	0	0	0	1			
11-Jun	0	0	0	0	1	0	0	0
12-Jun	0	0	0	0	1	0	0	0
13-Jun	0	0	0	0	1	0	0	0
14-Jun	0	0	0	0	1	0	0	0
15-Jun	0	0	0	0	1	0	0	0
16-Jun	0	0	0	0	1	0	0	0
17-Jun	0	0	0	0	1	0	0	0
18-Jun	0	0	0	0	1	0	0	0
19-Jun	0	0	0	0	1	0	0	0
20-Jun	0	0	0	0	1	0	0	0
21-Jun	0	0	0	0	1	0	0	0
22-Jun	0	0	0	0	1	0	0	0
23-Jun	0	0	0	0	1	0	0	0
24-Jun	0	0	0	0	1	0	0	0
25-Jun	0	0	0	0	1	0	0	0
26-Jun	0	0	0	0	1	0	0	0
27-Jun	0	0	0	0	1	0	0	0
28-Jun	0	0	0	0	1	0	0	0
29-Jun	0	0	0	0	1	0	0	0
30-Jun	0	0	0	0	1	0	0	0
1-Jul	0	0	0	0	1	0	0	0
2-Jul	0	0	0	0	1	0	0	0
3-Jul	0	0	0	0	1	0	0	0
4-Jul	0	0	0	0	1	0	0	0
5-Jul	0	0	0	0	1	0	0	0
6-Jul	0	0	0	0	1	0	0	0
7-Jul	0	9	0	0	1	9	0	0
8-Jul	0	3	0	0	1	12	0	0
9-Jul	0	0	0	0	1	12	0	0
10-Jul	0	24	0	0	1	36	0	0
11-Jul	0	12	0	0	1	48	0	0
12-Jul	0	4	0	0	1	52	0	0
13-Jul	0	1	0	0	1	53	0	0
14-Jul	0	0	0	0	1	53	0	0
15-Jul	0	30	0	0	1	83	0	0
16-Jul	0	0	0	0	1	83	0	0
17-Jul	0	0	0	0	1	83	0	0
18-Jul	0	0	0	0	1	83	0	0
19-Jul	0	0	0	0	1	83	0	0
20-Jul	0	0	0	0	1	83	0	0
21-Jul	0	0	0	0	1	83	0	0
22-Jul	0	0	0	0	1	83	0	0
23-Jul	0	0	0	0	1	83	0	0
24-Jul	0	0	0	0	1	83	0	0
25-Jul	0	0	0	0	1	83	0	0

Table 14.—Historical North Alaska Peninsula sockeye salmon escapements and escapement goals, 1986–2012.

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

^a Does not include David or Caribou Rivers.
^b Escapement is based on weir counts and post weir escapement estimates. Only those years when weirs were present are included in the table.
^c From 2005–2010, and in 2012, the Ocean River did not flow into Ilnik Lagoon. For those years, the Ocean River escapements (determined by aerial surveys) have been added to the Ilnik River weir count. In 2012 the Ocean River escapement was 21,000 fish.
^d Escapement is based on aerial surveys.
^e Meshik River escapement includes Red and Yellow Bluff creeks (tributaries).
^f Cinder River escapement includes Mud Creek (a tributary).

Table 15.--Sockeye salmon daily and cumulative escapement counts through the Nelson River weir, 2012.

Date	Daily			Cumulative			Daily Percent		Cumulative Percent		
	Adults	Jacks	Total	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total
13-Jun	6	0	6	6	0	6	100.0	0.0	0.0	0.0	0.0
14-Jun	0	0	0	6	0	6	0.0	0.0	0.0	0.0	0.0
15-Jun	2	0	2	8	0	8	100.0	0.0	0.0	0.0	0.0
16-Jun	1	0	1	9	0	9	100.0	0.0	0.0	0.0	0.0
17-Jun	2	0	2	11	0	11	100.0	0.0	0.0	0.0	0.0
18-Jun	5	0	5	16	0	16	100.0	0.0	0.0	0.0	0.0
19-Jun	0	0	0	16	0	16	0.0	0.0	0.0	0.0	0.0
20-Jun	615	9	624	631	9	640	98.6	1.4	0.6	0.5	0.6
21-Jun	2,607	28	2,635	3,238	37	3,275	98.9	1.1	3.2	2.1	3.2
22-Jun	432	7	439	3,670	44	3,714	98.4	1.6	3.7	2.5	3.6
23-Jun	1,270	18	1,288	4,940	62	5,002	98.6	1.4	4.9	3.5	4.9
24-Jun	2,150	27	2,177	7,090	89	7,179	98.8	1.2	7.1	5.1	7.0
25-Jun	1,295	21	1,316	8,385	110	8,495	98.4	1.6	8.4	6.2	8.3
26-Jun	2,649	35	2,684	11,034	145	11,179	98.7	1.3	11.0	8.2	11.0
27-Jun	16,308	154	16,462	27,342	299	27,641	99.1	0.9	27.3	17.0	27.1
28-Jun	20,567	226	20,793	47,909	525	48,434	98.9	1.1	47.8	29.8	47.5
29-Jun	13,174	93	13,267	61,083	618	61,701	99.3	0.7	61.0	35.1	60.5
30-Jun	4,021	46	4,067	65,104	664	65,768	98.9	1.1	65.0	37.7	64.5
1-Jul	2,638	31	2,669	67,742	695	68,437	98.8	1.2	67.6	39.4	67.1
2-Jul	4,243	43	4,286	71,985	738	72,723	99.0	1.0	71.8	41.9	71.3
3-Jul	2,782	40	2,822	74,767	778	75,545	98.6	1.4	74.6	44.2	74.1
4-Jul	1,378	44	1,422	76,145	822	76,967	96.9	3.1	76.0	46.7	75.5
5-Jul	4,928	174	5,102	81,073	996	82,069	96.6	3.4	80.9	56.5	80.5
6-Jul	5,129	299	5,428	86,202	1,295	87,497	94.5	5.5	86.0	73.5	85.8
7-Jul	3,731	188	3,919	89,933	1,483	91,416	95.2	4.8	89.7	84.2	89.7
8-Jul	846	19	865	90,779	1,502	92,281	97.8	2.2	90.6	85.2	90.5
9-Jul	783	25	808	91,562	1,527	93,089	96.9	3.1	91.4	86.7	91.3
10-Jul	822	26	848	92,384	1,553	93,937	96.9	3.1	92.2	88.1	92.1
11-Jul	371	28	399	92,755	1,581	94,336	93.0	7.0	92.6	89.7	92.5

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Table 15.–Page 2 of 2.

Date	Daily			Cumulative			Daily Percent		Cumulative Percent		
	Adults	Jacks	Total	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total
12-Jul	497	22	519	93,252	1,603	94,855	95.8	4.2	93.1	91.0	93.0
13-Jul	1,063	23	1,086	94,315	1,626	95,941	97.9	2.1	94.1	92.3	94.1
14-Jul	159	3	162	94,474	1,629	96,103	98.1	1.9	94.3	92.5	94.3
15-Jul	302	8	310	94,776	1,637	96,413	97.4	2.6	94.6	92.9	94.6
16-Jul	799	23	822	95,575	1,660	97,235	97.2	2.8	95.4	94.2	95.4
17-Jul	551	14	565	96,126	1,674	97,800	97.5	2.5	95.9	95.0	95.9
18-Jul	1,770	22	1,792	97,896	1,696	99,592	98.8	1.2	97.7	96.3	97.7
19-Jul	774	19	793	98,670	1,715	100,385	97.6	2.4	98.5	97.3	98.4
20-Jul	444	12	456	99,114	1,727	100,841	97.4	2.6	98.9	98.0	98.9
21-Jul	601	15	616	99,715	1,742	101,457	97.6	2.4	99.5	98.9	99.5
22-Jul	383	7	390	100,098	1,749	101,847	98.2	1.8	99.9	99.3	99.9
23-Jul	72	12	84	100,170	1,761	101,931	85.7	14.3	100.0	99.9	100.0
24-Jul	34	1	35	100,204	1,762	101,966	97.1	2.9	100.0	100.0	100.0
25-Jul	Weir removed										
Total	100,204	1,762	101,966								
Post-weir sockeye escapement estimate:			1,334 ^a								
Estimated total sockeye escapement:			103,300								

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

Table 16.—Bear River sockeye salmon early and late run escapement, late run commercial catch, and total Bear River late run by year, 1986–2012.

Year	Early-Run Escapement ^a	Late-Run Escapement ^b	Late-Run Catch ^c	Late-Run Total ^d
1986	174,453	98,047	254,650	352,697
1987	168,683	89,317	47,251	136,568
1988	169,363	140,637	231,717	372,354
1989	246,196	204,804	324,994	529,798
1990	283,854	262,946	635,780	898,726
1991	432,087	173,913	634,393	808,306
1992	254,170	195,830	636,231	832,061
1993	254,012	197,988	761,993	959,981
1994	260,559	204,441	791,466	995,907
1995	197,039	107,961	1,150,246	1,258,207
1996	247,371	119,629	399,086	518,715
1997	214,689	145,311	399,917	545,228
1998	221,580	193,420	296,518	489,938
1999	222,110	127,890	637,917	765,807
2000	184,053	90,947	619,264	710,211
2001	177,495	122,505	353,358	475,863
2002	179,480	95,520	298,895	394,415
2003	226,201	139,799	192,067	331,866
2004	354,565	80,435	4,947	85,382
2005	332,248	221,752	423,762	645,514
2006	262,995	182,005	360,792	542,797
2007	206,233	224,767	718,983	943,750
2008	125,526	195,474	674,856	870,330
2009	216,237	133,263	324,650	457,913
2010	226,534	142,966	298,062	441,028
2011	207,451	132,549	75,234	207,783
2012	173,158	116,442	0	116,442
2003–2012 Average	233,115	156,945	307,335	464,281

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

^a Bear River escapement through July 31.

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

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

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

Table 17.—Sockeye salmon daily and cumulative escapement counts through the Bear River weir, 2012.

Date	Daily			Cumulative			Daily Percent		Cumulative Percent		
	Adults	Jacks	Total	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total
3-Jun	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
4-Jun	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
5-Jun	8	0	8	8	0	8	0.0	0.0	0.0	0.0	0.0
6-Jun	36	2	38	44	2	46	0.0	0.0	0.0	0.0	0.0
7-Jun	22	3	25	66	5	71	88.0	12.0	0.0	0.1	0.0
8-Jun	54	2	56	120	7	127	96.4	3.6	0.1	0.1	0.1
9-Jun	44	0	44	164	7	171	100.0	0.0	0.1	0.1	0.1
10-Jun	86	1	87	250	8	258	98.9	1.1	0.1	0.1	0.1
11-Jun	289	9	298	539	17	556	97.0	3.0	0.2	0.2	0.2
12-Jun	74	4	78	613	21	634	94.9	5.1	0.3	0.2	0.3
13-Jun	81	5	86	694	26	720	94.2	5.8	0.3	0.3	0.3
14-Jun	131	3	134	825	29	854	97.8	2.2	0.4	0.3	0.4
15-Jun	651	28	679	1,476	57	1,533	95.9	4.1	0.7	0.6	0.7
16-Jun	1,170	22	1,192	2,646	79	2,725	98.2	1.8	1.2	0.9	1.2
17-Jun	1,683	19	1,702	4,329	98	4,427	98.9	1.1	1.9	1.1	1.9
18-Jun	2,121	21	2,142	6,450	119	6,569	99.0	1.0	2.9	1.3	2.8
19-Jun	2,024	27	2,051	8,474	146	8,620	98.7	1.3	3.8	1.7	3.7
20-Jun	3,553	50	3,603	12,027	196	12,223	98.6	1.4	5.4	2.2	5.2
21-Jun	2,763	43	2,806	14,790	239	15,029	98.5	1.5	6.6	2.7	6.4
22-Jun	4,474	64	4,538	19,264	303	19,567	98.6	1.4	8.6	3.4	8.4
23-Jun	4,332	65	4,397	23,596	368	23,964	98.5	1.5	10.5	4.2	10.3
24-Jun	3,950	64	4,014	27,546	432	27,978	98.4	1.6	12.3	4.9	12.0
25-Jun	7,455	86	7,541	35,001	518	35,519	98.9	1.1	15.6	5.9	15.2
26-Jun	6,238	83	6,321	41,239	601	41,840	98.7	1.3	18.4	6.8	17.9
27-Jun	10,294	106	10,400	51,533	707	52,240	99.0	1.0	23.0	8.0	22.4
28-Jun	12,360	186	12,546	63,893	893	64,786	98.5	1.5	28.5	10.1	27.8
29-Jun	10,867	144	11,011	74,760	1,037	75,797	98.7	1.3	33.3	11.7	32.5
30-Jun	8,879	106	8,985	83,639	1,143	84,782	98.8	1.2	37.3	12.9	36.4
1-Jul	10,801	147	10,948	94,440	1,290	95,730	98.7	1.3	42.1	14.6	41.0

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Table 17.—Page 2 of 3.

Date	Daily			Cumulative			Daily Percent		Cumulative Percent		
	Adults	Jacks	Total	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total
2-Jul	7,899	124	8,023	102,339	1,414	103,753	98.5	1.5	45.6	16.0	44.5
3-Jul	5,803	113	5,916	108,142	1,527	109,669	98.1	1.9	48.2	17.3	47.0
4-Jul	4,127	94	4,221	112,269	1,621	113,890	97.8	2.2	50.0	18.4	48.8
5-Jul	2,177	81	2,258	114,446	1,702	116,148	96.4	3.6	51.0	19.3	49.8
6-Jul	1,947	69	2,016	116,393	1,771	118,164	96.6	3.4	51.9	20.0	50.7
7-Jul	1,824	91	1,915	118,217	1,862	120,079	95.2	4.8	52.7	21.1	51.5
8-Jul	1,984	224	2,208	120,201	2,086	122,287	89.9	10.1	53.6	23.6	52.4
9-Jul	1,816	233	2,049	122,017	2,319	124,336	88.6	11.4	54.4	26.3	53.3
10-Jul	2,291	168	2,459	124,308	2,487	126,795	93.2	6.8	55.4	28.2	54.4
11-Jul	2,190	203	2,393	126,498	2,690	129,188	91.5	8.5	56.4	30.5	55.4
12-Jul	1,711	180	1,891	128,209	2,870	131,079	90.5	9.5	57.1	32.5	56.2
13-Jul	1,449	123	1,572	129,658	2,993	132,651	92.2	7.8	57.8	33.9	56.9
14-Jul	1,775	108	1,883	131,433	3,101	134,534	94.3	5.7	58.6	35.1	57.7
15-Jul	1,602	107	1,709	133,035	3,208	136,243	93.7	6.3	59.3	36.3	58.4
16-Jul	2,959	171	3,130	135,994	3,379	139,373	94.5	5.5	60.6	38.3	59.8
17-Jul	1,507	149	1,656	137,501	3,528	141,029	91.0	9.0	61.3	39.9	60.5
18-Jul	2,222	170	2,392	139,723	3,698	143,421	92.9	7.1	62.3	41.9	61.5
19-Jul	2,751	207	2,958	142,474	3,905	146,379	93.0	7.0	63.5	44.2	62.8
20-Jul	3,289	197	3,486	145,763	4,102	149,865	94.3	5.7	65.0	46.4	64.3
21-Jul	1,818	122	1,940	147,581	4,224	151,805	93.7	6.3	65.8	47.8	65.1
22-Jul	1,260	100	1,360	148,841	4,324	153,165	92.6	7.4	66.3	49.0	65.7
23-Jul	1,591	156	1,747	150,432	4,480	154,912	91.1	8.9	67.0	50.7	66.4
24-Jul	1,643	159	1,802	152,075	4,639	156,714	91.2	8.8	67.8	52.5	67.2
25-Jul	1,941	108	2,049	154,016	4,747	158,763	94.7	5.3	68.6	53.7	68.1
26-Jul	1,798	137	1,935	155,814	4,884	160,698	92.9	7.1	69.4	55.3	68.9
27-Jul	2,260	145	2,405	158,074	5,029	163,103	94.0	6.0	70.4	56.9	69.9
28-Jul	3,061	179	3,240	161,135	5,208	166,343	94.5	5.5	71.8	59.0	71.3
29-Jul	2,327	175	2,502	163,462	5,383	168,845	93.0	7.0	72.8	60.9	72.4
30-Jul	1,902	144	2,046	165,364	5,527	170,891	93.0	7.0	73.7	62.6	73.3
31-Jul	2,057	210	2,267	167,421	5,737	173,158	90.7	9.3	74.6	64.9	74.2
1-Aug	2,314	170	2,484	169,735	5,907	175,642	93.2	6.8	75.6	66.9	75.3
2-Aug	1,520	116	1,636	171,255	6,023	177,278	92.9	7.1	76.3	68.2	76.0

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Table 17.–Page 3 of 3.

Date	Daily			Cumulative			Daily Percent		Cumulative Percent		
	Adults	Jacks	Total	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total
3-Aug	2,371	159	2,530	173,626	6,182	179,808	93.7	6.3	77.4	70.0	77.1
4-Aug	2,313	214	2,527	175,939	6,396	182,335	91.5	8.5	78.4	72.4	78.2
5-Aug	1,461	78	1,539	177,400	6,474	183,874	94.9	5.1	79.1	73.3	78.8
6-Aug	3,108	156	3,264	180,508	6,630	187,138	95.2	4.8	80.4	75.1	80.2
7-Aug	2,133	118	2,251	182,641	6,748	189,389	94.8	5.2	81.4	76.4	81.2
8-Aug	1,488	106	1,594	184,129	6,854	190,983	93.4	6.6	82.1	77.6	81.9
9-Aug	2,960	189	3,149	187,089	7,043	194,132	94.0	6.0	83.4	79.7	83.2
10-Aug	2,743	185	2,928	189,832	7,228	197,060	93.7	6.3	84.6	81.8	84.5
11-Aug	2,216	120	2,336	192,048	7,348	199,396	94.9	5.1	85.6	83.2	85.5
12-Aug	2,306	123	2,429	194,354	7,471	201,825	94.9	5.1	86.6	84.6	86.5
13-Aug	1,967	58	2,025	196,321	7,529	203,850	97.1	2.9	87.5	85.2	87.4
14-Aug	2,470	107	2,577	198,791	7,636	206,427	95.8	4.2	88.6	86.4	88.5
15-Aug	1,727	75	1,802	200,518	7,711	208,229	95.8	4.2	89.4	87.3	89.3
16-Aug	2,982	158	3,140	203,500	7,869	211,369	95.0	5.0	90.7	89.1	90.6
17-Aug	2,439	80	2,519	205,939	7,949	213,888	96.8	3.2	91.8	90.0	91.7
18-Aug	1,984	86	2,070	207,923	8,035	215,958	95.8	4.2	92.7	91.0	92.6
19-Aug	1,363	66	1,429	209,286	8,101	217,387	95.4	4.6	93.3	91.7	93.2
20-Aug	512	38	550	209,798	8,139	217,937	93.1	6.9	93.5	92.1	93.4
21-Aug	3,111	135	3,246	212,909	8,274	221,183	95.8	4.2	94.9	93.7	94.8
22-Aug	4,908	280	5,188	217,817	8,554	226,371	94.6	5.4	97.1	96.8	97.1
23-Aug	3,876	185	4,061	221,693	8,739	230,432	95.4	4.6	98.8	98.9	98.8
24-Aug	2,699	94	2,793	224,392	8,833	233,225	96.6	3.4	100.0	100.0	100.0
25-Aug	Weir removed										
Total	224,392	8,833	233,225								
Post Weir Escapement Estimate:			56,375 ^a								
Estimated Total Escapement:			289,600								

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

Table 18.—Sockeye salmon daily and cumulative escapement counts through the Sandy River weir, 2012.

Date	Daily			Cumulative			Daily Percent		Cumulative Percent		
	Adults	Jacks	Total	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total
12-Jun	1	0	1	1	0	1	0.0	0.0	0.0	0.0	0.0
13-Jun	4	0	4	5	0	5	100.0	0.0	0.0	0.0	0.0
14-Jun	0	0	0	5	0	5	0.0	0.0	0.0	0.0	0.0
15-Jun	5	0	5	10	0	10	100.0	0.0	0.0	0.0	0.0
16-Jun	16	0	16	26	0	26	100.0	0.0	0.1	0.0	0.1
17-Jun	45	1	46	71	1	72	97.8	2.2	0.3	0.2	0.3
18-Jun	23	0	23	94	1	95	0.0	0.0	0.4	0.2	0.4
19-Jun	6	0	6	100	1	101	100.0	0.0	0.4	0.2	0.4
20-Jun	126	10	136	226	11	237	92.6	7.4	1.0	1.8	1.0
21-Jun	203	2	205	429	13	442	99.0	1.0	1.9	2.1	1.9
22-Jun	347	6	353	776	19	795	98.3	1.7	3.4	3.1	3.4
23-Jun	212	7	219	988	26	1,014	96.8	3.2	4.3	4.3	4.3
24-Jun	258	9	267	1,246	35	1,281	96.6	3.4	5.4	5.8	5.4
25-Jun	291	17	308	1,537	52	1,589	94.5	5.5	6.7	8.6	6.7
26-Jun	485	9	494	2,022	61	2,083	98.2	1.8	8.8	10.1	8.8
27-Jun	807	14	821	2,829	75	2,904	98.3	1.7	12.3	12.4	12.3
28-Jun	1,725	17	1,742	4,554	92	4,646	99.0	1.0	19.8	15.2	19.7
29-Jun	1,674	29	1,703	6,228	121	6,349	98.3	1.7	27.1	20.0	26.9
30-Jun	1,927	16	1,943	8,155	137	8,292	99.2	0.8	35.5	22.6	35.1
1-Jul	1,354	23	1,377	9,509	160	9,669	98.3	1.7	41.4	26.4	41.0
2-Jul	1,205	18	1,223	10,714	178	10,892	98.5	1.5	46.6	29.4	46.2
3-Jul	1,303	21	1,324	12,017	199	12,216	98.4	1.6	52.3	32.8	51.8
4-Jul	627	15	642	12,644	214	12,858	97.7	2.3	55.0	35.3	54.5
5-Jul	699	16	715	13,343	230	13,573	97.8	2.2	58.0	38.0	57.5
6-Jul	614	8	622	13,957	238	14,195	98.7	1.3	60.7	39.3	60.1
7-Jul	600	20	620	14,557	258	14,815	96.8	3.2	63.3	42.6	62.8
8-Jul	672	23	695	15,229	281	15,510	96.7	3.3	66.2	46.4	65.7
9-Jul	454	14	468	15,683	295	15,978	97.0	3.0	68.2	48.7	67.7
10-Jul	783	17	800	16,466	312	16,778	97.9	2.1	71.6	51.5	71.1
11-Jul	864	17	881	17,330	329	17,659	98.1	1.9	75.4	54.3	74.8

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Table 18.–Page 2 of 2.

Date	Daily			Cumulative			Daily Percent		Cumulative Percent		
	Adults	Jacks	Total	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total
12-Jul	682	22	704	18,012	351	18,363	96.9	3.1	78.3	57.9	77.8
13-Jul	643	25	668	18,655	376	19,031	96.3	3.7	81.1	62.0	80.6
14-Jul	415	19	434	19,070	395	19,465	95.6	4.4	82.9	65.2	82.5
15-Jul	342	14	356	19,412	409	19,821	96.1	3.9	84.4	67.5	84.0
16-Jul	319	9	328	19,731	418	20,149	97.3	2.7	85.8	69.0	85.4
17-Jul	194	8	202	19,925	426	20,351	96.0	4.0	86.6	70.3	86.2
18-Jul	465	22	487	20,390	448	20,838	95.5	4.5	88.7	73.9	88.3
19-Jul	452	30	482	20,842	478	21,320	93.8	6.2	90.6	78.9	90.3
20-Jul	912	49	961	21,754	527	22,281	94.9	5.1	94.6	87.0	94.4
21-Jul	786	53	839	22,540	580	23,120	93.7	6.3	98.0	95.7	98.0
22-Jul	455	26	480	22,995	606	23,600					
23-Jul	Weir removed										
Total	22,995	606	23,600								
Post Weir Escapement Estimate:			3,500 ^a								
Total Estimated Escapement:			27,100								

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

Table 19.—Sockeye salmon daily and cumulative escapement counts through the Ilnik River weir, 2012.

Date	Daily			Cumulative			Daily Percent		Cumulative Percent		
	Adults	Jacks	Total	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total
prior 1-Jun	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
1-Jun	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
2-Jun	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
3-Jun	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
4-Jun	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
5-Jun	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
6-Jun	11	0	11	11	0	11	0.0	0.0	0.0	0.0	0.0
7-Jun	9	0	9	20	0	20	0.0	0.0	0.0	0.0	0.0
8-Jun	5	0	5	25	0	25	0.0	0.0	0.1	0.0	0.1
9-Jun	37	3	40	62	3	65	0.0	0.0	0.1	1.2	0.1
10-Jun	38	2	40	100	5	105	95.0	5.0	0.2	2.0	0.2
11-Jun	21	1	22	121	6	127	95.5	4.5	0.3	2.4	0.3
12-Jun	125	0	125	246	6	252	100.0	0.0	0.6	2.4	0.6
13-Jun	1	1	2	247	7	254	50.0	50.0	0.6	2.8	0.6
14-Jun	0	0	0	247	7	254	0.0	0.0	0.6	2.8	0.6
15-Jun	208	0	208	455	7	462	100.0	0.0	1.0	2.8	1.1
16-Jun	1,769	8	1,777	2,224	15	2,239	99.5	0.5	5.1	6.0	5.1
17-Jun	21	0	21	2,245	15	2,260	100.0	0.0	5.1	6.0	5.2
18-Jun	18	1	19	2,263	16	2,279	94.7	5.3	5.2	6.5	5.2
19-Jun	0	0	0	2,263	16	2,279	0.0	0.0	5.2	6.5	5.2
20-Jun	418	6	424	2,681	22	2,703	98.6	1.4	6.1	8.9	6.2
21-Jun	56	1	57	2,737	23	2,760	98.2	1.8	6.3	9.3	6.3
22-Jun	0	0	0	2,737	23	2,760	0.0	0.0	6.3	9.3	6.3
23-Jun	2	0	2	2,739	23	2,762	100.0	0.0	6.3	9.3	6.3
24-Jun	2,540	11	2,551	5,279	34	5,313	99.6	0.4	12.1	13.7	12.1
25-Jun	4,255	14	4,269	9,534	48	9,582	99.7	0.3	21.9	19.4	21.8
26-Jun	8	0	8	9,542	48	9,590	100.0	0.0	21.9	19.4	21.9
27-Jun	71	5	76	9,613	53	9,666	93.4	6.6	22.0	21.4	22.0
28-Jun	83	3	86	9,696	56	9,752	96.5	3.5	22.2	22.6	22.2

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Table 19.–Page 2 of 2.

Date	Daily			Cumulative			Daily Percent		Cumulative Percent		
	Adults	Jacks	Total	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total
29-Jun	12,511	0	12,511	22,207	56	22,263	100.0	0.0	50.9	22.6	50.8
30-Jun	54	0	54	22,261	56	22,317	100.0	0.0	51.1	22.6	50.9
1-Jul	441	0	441	22,702	56	22,758	100.0	0.0	52.1	22.6	51.9
2-Jul	452	6	458	23,154	62	23,216	98.7	1.3	53.1	25.0	52.9
3-Jul	9,487	39	9,526	32,641	101	32,742	99.6	0.4	74.9	40.7	74.6
4-Jul	3,705	13	3,718	36,346	114	36,460	99.7	0.3	83.4	46.0	83.1
5-Jul	226	12	238	36,572	126	36,698	95.0	5.0	83.9	50.8	83.7
6-Jul	636	13	649	37,208	139	37,347	98.0	2.0	85.3	56.0	85.1
7-Jul	1,483	26	1,509	38,691	165	38,856	98.3	1.7	88.7	66.5	88.6
8-Jul	1,655	6	1,661	40,346	171	40,517	99.6	0.4	92.5	69.0	92.4
9-Jul	511	3	514	40,857	174	41,031	99.4	0.6	93.7	70.2	93.5
10-Jul	1,091	21	1,112	41,948	195	42,143	98.1	1.9	96.2	78.6	96.1
11-Jul	379	6	385	42,327	201	42,528	98.4	1.6	97.1	81.0	97.0
12-Jul	248	2	250	42,575	203	42,778	99.2	0.8	97.6	81.9	97.5
13-Jul	34	0	34	42,609	203	42,812	100.0	0.0	97.7	81.9	97.6
14-Jul	590	45	635	43,199	248	43,447	92.9	7.1	99.1	100.0	99.1
15-Jul	407	8	415	43,606	256	43,862	98.1	1.9	100.0	103.2	100.0
16-Jul	Weir removed										
Total	43,606	248	43,862								
Post Weir Escapement Estimate:			2,438 ^a								
Estimated Total Escapement:			46,300								

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

Table 20.—North Peninsula salmon harvest by species and day, 2012.

Catch Date	Permits	Landings	Number of Fish				
			Chinook	Sockeye	Coho	Pink	Chum
Prior to 4-Jun	0	0	0	0	0	0	0
5-Jun ^a							
6-Jun ^a							
7-Jun	0	0	0	0	0	0	0
8-Jun	0	0	0	0	0	0	0
9-Jun	0	0	0	0	0	0	0
10-Jun ^b							
11-Jun	10	10	19	1,354	0	0	3
12-Jun	14	15	32	2,886	0	0	2
13-Jun	12	12	12	2,420	0	0	0
14-Jun	0	0	0	0	0	0	0
15-Jun	0	0	0	0	0	0	0
16-Jun	0	0	0	0	0	0	0
17-Jun ^b							
18-Jun	13	13	9	2,073	0	0	0
19-Jun	13	13	15	3,045	0	0	0
20-Jun	15	15	7	2,605	0	1	0
21-Jun	14	14	11	2,479	0	0	0
22-Jun	0	0	0	0	0	0	0
23-Jun	0	0	0	0	0	0	0
24-Jun ^b							
25-Jun	0	0	0	0	0	0	0
26-Jun	0	0	0	0	0	0	0
27-Jun	0	0	0	0	0	0	0
28-Jun	89	96	75	36,223	0	5	2,036
29-Jun	92	102	81	37,237	0	7	1,392
30-Jun	90	111	75	63,729	0	0	783
1-Jul	17	17	33	5,021	0	0	0
2-Jul	135	171	99	55,973	0	1	2,263
3-Jul	104	113	62	35,758	0	0	1,417
4-Jul	114	144	93	71,316	0	0	1,792
5-Jul	110	128	65	73,431	1	1	1,439
6-Jul	136	154	100	75,674	0	4	1,991
7-Jul	94	120	35	45,622	0	7	1,054
8-Jul	94	98	22	20,588	1	0	919
9-Jul	126	130	46	29,785	1	6	5,568
10-Jul	117	130	45	21,686	0	8	1,919
11-Jul	93	98	34	18,150	1	44	6,193
12-Jul	20	20	1	2,250	7	0	1,666
13-Jul	79	83	7	7,141	3	0	626
14-Jul	15	17	4	3,278	2	7	431
15-Jul	10	10	3	2,108	5	2	437

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Table 20.–Page 2 of 3.

Catch Date	Permits	Landings	Number of Fish				
			Chinook	Sockeye	Coho	Pink	Chum
16-Jul	33	34	14	6,166	0	15	3,428
17-Jul	39	39	6	7,253	0	0	3,304
18-Jul	32	33	5	4,954	1	2	3,266
19-Jul	26	26	5	6,404	0	0	766
20-Jul	27	27	2	5,979	3	0	611
21-Jul	23	23	5	4,420	0	0	1,008
22-Jun ^b							
23-Jul	40	41	4	5,792	74	5	6,850
24-Jul	38	38	4	3,980	35	189	11,476
25-Jul	36	38	2	7,610	52	6	4,622
26-Jul	26	26	0	4,309	11	10	2,754
27-Jul	16	16	0	2,560	13	0	1,004
28-Jul ^a							
29-Jul ^b							
30-Jul	29	36	2	6,675	176	2	8,803
31-Jul	23	23	0	6,545	105	4	3,479
1-Aug	24	36	0	4,367	186	9	3,552
2-Aug	8	8	0	126	37	87	693
3-Aug	32	39	1	7,005	510	44	13,481
4-Aug	0	0	0	0	0	0	0
5-Aug ^a							
6-Aug	53	97	6	15,595	832	65	35,829
7-Aug	26	27	0	6,957	284	20	17,279
8-Aug	49	53	1	5,491	586	35	23,061
9-Aug	36	40	1	3,282	318	17	18,232
10-Aug	12	12	0	723	226	0	266
11-Aug	0	0	0	0	0	0	0
12-Aug ^b							
13-Aug	49	54	2	8,440	927	8	28,277
14-Aug	32	35	0	1,089	561	11	3,359
15-Aug	39	39	0	2,395	858	13	15,983
16-Aug	39	44	3	4,174	820	107	7,406
17-Aug	16	24	0	942	152	7	4,563
18-Aug ^a							
19-Aug ^b							
20-Aug	30	37	1	1,766	1,466	30	13,579
21-Aug	14	14	1	908	1,646	0	5
22-Aug	28	38	0	1,763	2,693	34	7,086
23-Aug	14	14	0	692	2,162	0	0
24-Aug	27	38	0	1,472	2,379	43	4,931

-continued-

Table 20.–Page 3 of 3

Catch Date	Permits	Landings	Number of Fish				
			Chinook	Sockeye	Coho	Pink	Chum
25-Aug	0	0	0	0	0	0	0
26-Aug ^b							
27-Aug	28	28	0	540	3,758	11	1,686
28-Aug	19	19	0	423	5,782	2	120
29-Aug	18	18	0	155	2,061	1	343
30-Aug	17	17	0	95	2,187	0	0
31-Aug	18	19	0	145	3,369	0	0
1-Sep	13	14	0	79	2,364	0	116
2-Sep	5	5	0	14	364	0	0
3-Sep	0	0	0	0	0	0	0
4-Sep ^a							
5-Sep	0	0	0	0	0	0	0
6-Sep ^a							
7-Sep ^c							
Total ^d	154	3,011	1,053	764,388	37,399	1,173	283,942

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

^a Confidentiality requirements prohibit releasing this information.

^b Fishery closed.

^c No harvest occurred after September 6, 2012.

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

Table 21.—North Peninsula salmon harvest by district, statistical area, and section, 2012.

Statistical		Number of Salmon					Total
Area	Section	Chinook	Sockeye	Coho	Pink	Chum	
<i>NORTHWESTERN DISTRICT</i>							
311-20	Dublin Bay Section ^a	0	0	0	0	0	0
311-32	Urilia Bay Section	0	3,183	7	285	35	3,510
311-52	Swanson Lagoon Section ^a	0	0	0	0	0	0
311-60	Bechevin Bay Section	0	118	37	131	10,296	10,582
311-58	Cape Krenitzen to Cape Glazenap	0	3,553	68	11	6,592	10,224
312-10	Cape Glazenap to Moffet Point	2	6,808	1,771	255	37,505	46,341
312-20	Izembek Lagoon	0	17,558	0	0	8,003	25,561
312-40	Moffet Bay	7	26,153	98	212	125,170	151,640
Izembek-Moffet Bay Section Total		9	54,072	1,937	478	177,270	247,858
<i>NORTHWESTERN DISTRICT TOTAL</i>		9	57,373	1,981	894	187,601	261,950
<i>NORTHERN DISTRICT</i>							
313-10	Black Hills Section	52	57,398	3,929	233	73,941	135,553
313-20	Caribou Flats Section ^b	0	0	0	0	0	0
313-30	Nelson Lagoon Section	280	116,685	31,476	8	5,961	154,410
314-12	Port Moller Bight Section	0	0	0	0	0	0
314-20	Herendeen Bay	0	0	0	0	11	11
314-30	Moller Bay	0	0	0	0	0	0
Herendeen-Moller Bay Section Total		0	0	0	0	11	11
315-11	Bear River	65	12,912	0	0	743	13,720
315-20	Muddy River	0	0	0	0	0	0
Bear River Section Total^c		65	12,912	0	0	743	13,720
316-10	Three Hills Section ^d	0	0	0	0	0	0
316-20	Southwest Ilnik	133	95,060	0	4	3,546	98,743
316-22	Ilnik Lagoon	0	0	0	0	0	0
316-25	Northeast Ilnik	222	156,734	3	11	4,898	161,868
Ilnik Section Total^e		355	251,794	3	15	8,444	260,611
317-10	Outer Port Heiden Section ^e	292	268,226	10	23	6,334	274,885
317-20	Inner Port Heiden Section	0	0	0	0	0	0
318-20	Cinder River Section	0	0	0	0	0	0
<i>NORTHERN DISTRICT TOTAL</i>		1,044	707,015	35,418	279	95,434	839,190
<i>NORTH PENINSULA TOTAL</i>		1,053	764,388	37,399	1,173	283,035	1,101,140

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

^a There was no commercial salmon harvest effort in 2012.

^b Caribou Flats Section: no open season.

^c The Bear River Section closed until further notice on July 9, 2012.

^d The Three Hills Section closed until further notice on June 25, 2012.

^e The Ilnik and Outer Port Heiden sections closed until further notice on July 16, 2012.

Table 22.—Northwestern District sockeye salmon runs (number of fish), 1962–2012.

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

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Table 22.–Page 2 of 5.

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

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Table 22.–Page 3 of 5.

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

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Table 22.–Page 4 of 5.

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

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Table 22.–Page 5 of 5.

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

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

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

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

^c Escapements are estimated totals.

Table 23.—Emergency order summary for the North Alaska Peninsula commercial salmon fishery, 2012.

Emergency Order #	Issued:	Effective:	Action Taken:
Port Moller - 1	8:00 p.m. June 17	6:00 a.m. June 18	Closure: The Port Moller Bight and Bear River sections will close to commercial salmon fishing until further notice.
Port Moller - 2	8:00 p.m. June 19	12:01 a.m. June 20	Closure: The Ilnik, Outer Port Heiden and Three Hills sections will remain closed to commercial salmon fishing until further notice.
Port Moller - 3	8:00 p.m. June 24	6:00 a.m. June 25	Closure: The Nelson Lagoon Section will remained closed to commercial salmon fishing from 6:00a.m. June 25 until further notice.
Port Moller - 4	9:00 a.m. June 26	6:00 a.m. June 28	Fishing Period: The Outer Port Heiden Section will open to commercial salmon fishing from 6:00 a.m. June 28 until 6:00 p.m. June 30.
Port Moller - 5	9:15 a.m. June 28	3:00 p.m. June 28	Fishing Period: The Nelson Lagoon Section will open to commercial salmon fishing from 3:00 p.m. June 28 until 6:00 p.m. June 30.
Port Moller - 6	9:00 a.m. June 30	6:00 p.m. June 30	Fishing Period: The Nelson Lagoon Section will remain open to commercial salmon fishing from 6:00 p.m. June 30 until 12:00 midnight July 5.
Port Moller - 7	3:00 p.m. July 1	6:00 a.m. July 2	Fishing Period: A portion of the Bear River Section northeast from a line at bearing 280° perpendicular to the beach at the southern 1,000 yd. Bear River regulatory marker to Cape Seniavin will be closed until further notice. The Bear River portion southwest of the same line as well as the Port Moller Bight and Ilnik sections, will open to commercial fishing at 6:00 a.m. July 2 until 6:00 p.m. July 4. The Three Hills Section will remain closed as per previous news release.

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Table 23.–Page 2 of 6.

Emergency Order #	Issued:	Effective:	Action Taken:
Port Moller - 8	9:00 a.m. July 4	6 p.m. July 8	Fishing Period: A portion of the Bear River Section northeast from a line at bearing 280° perpendicular to the beach at the southern 1,000 yd. Bear River regulatory marker to Cape Seniavin will be closed till further notice. The Bear River portion southwest of the same line will remain open to commercial fishing from 6:00 p.m. July 4 until 6:00 p.m. July 6. The Nelson Lagoon Section will remain open from 11:59 p.m. July 5 until 11:59 p.m. July 6. The Outer Port Heiden Section will open to commercial salmon fishing from 6:00 a.m. July 5 until 6:00 p.m. July 7.
Port Moller - 9	9:00 a.m. July 6	11:59 p.m. July 6	Fishing Period: The Nelson Lagoon Section will remain open to commercial fishing from 11:59 p.m. July 6 until 11:59 P.M. July 7.
Port Moller - 10	9:00 a.m. July 7	11:59 p.m. July 7	Fishing Period: The Nelson Lagoon Section will remain open to commercial fishing from 11:59 p.m. July 7 until 11:59 P.M. July 8. The Ilnik Section will open to commercial salmon fishing from 6:00 a.m. July 8 until 6:00 p.m. July 11.
Port Moller - 11	8:00 p.m. July 8	6:00 a.m. July 9	Closure: The Port Moller Bight, Bear River, and Outer Port Heiden sections will remain closed to commercial fishing from 6:00 a.m. July 9 until further notice.
Cold Bay - 1	10:00 a.m. July 10	6:00 a.m. July 11	Fishing Period: The Urilia Bay and Bechevin Bay sections of the Northwestern District will open to commercial salmon fishing from 6:00 a.m. July 11 until 6:00 a.m. July 13. Waters within 500 yards of the Christianson Lagoon exit channel terminus at the ocean shoreline are closed to fishing. The Swanson Lagoon Section of the Northwestern District is closed till further notice.
Port Moller - 12	8:00 p.m. July 11	6:00 a.m. July 13	Fishing Period: The Outer Port Heiden Section will open to commercial fishing from 6:00 a.m. July 13 until 6:00 p.m. July 15.

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Table 23.–Page 3 of 6.

Emergency Order #	Issued:	Effective:	Action Taken:
Port Moller - 13	9:00 a.m. July 12	11:59 p.m. July 12	Fishing Period: The Nelson Lagoon Section will remain open to commercial salmon fishing from 11:59 p.m. July 12 until 11:59 P.M. July 13.
Port Moller - 14	9:00 a.m. July 15	6:00 a.m. July 16	Fishing Period: The Nelson Lagoon Section will open to commercial salmon fishing from 6:00 a.m. July 16 until 11:59 p.m. July 19.
Port Moller - 15	6:00 a.m. July 16	6:00 a.m. July 16	Closure: The commercial salmon fishing season will be closed in the Port Moller Bight, Bear River, Three Hills, Ilnik, and Outer Port Heiden sections from 6:00 a.m. July 16 until further notice.
Cold Bay - 4	3:00 p.m. July 16	6:00 a.m. July 18	Fishing Period: The Urelia Bay Section will open to commercial salmon fishing from 6:00 a.m. July 18 until 6:00 p.m. July 20. Waters within 500 yards of the Christianson Lagoon exit channel terminus at the ocean shoreline are closed to fishing. The Swanson Lagoon Section of the Northwestern District is closed till further notice.
Port Moller - 16	9:00 a.m. July 19	12:00 a.m. July 19	Fishing Period: The Black Hills Section will remain open to commercial salmon fishing from 6:00 p.m. July 19 until 6:00 p.m. July 21. The Nelson Lagoon Section will remain open to commercial fishing from 12:00 a.m. July 19 until 11:59 p.m. July 21.
Cold Bay - 8	5:00 p.m. July 24	6:00 a.m. July 26	Fishing Period: The Urelia Bay Section will open to commercial salmon fishing from 6:00 a.m. July 26 until 6:00 p.m. July 28. Waters within 500 yards of the Christianson Lagoon exit channel terminus at the ocean shoreline are closed to fishing. The Swanson Lagoon Section of the Northwestern District is closed till further notice.
Port Moller - 17	9:00 a.m. July 26	11:59 p.m. July 26	Fishing Period: The Nelson Lagoon Section will remain open to commercial fishing from 11:59 p.m. July 26 until 11:59 p.m. July 27.

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Table 23.–Page 4 of 6.

Emergency Order #	Issued:	Effective:	Action Taken:
Cold Bay - 10	9:30 a.m. July 29	6:00 a.m. July 30	Fishing Period: The Uria and Bechevin Bay sections will open to commercial fishing from 6:00 a.m. July 30 until 6:00 p.m. August 2. Waters within 500 yards of the Christianson Lagoon exit channel terminus at the ocean shoreline are closed to fishing. The Swanson Lagoon Section of the Northwestern District is closed till further notice.
Port Moller - 18	8:00 p.m. August 1	6:00 p.m. August 2	Fishing Period: The Nelson Lagoon Section will remain open to commercial fishing from 11:59 p.m. August 2 until 11:59 p.m. August 2. The Black Hills Section will remain open to commercial fishing from 6:00 p.m. August 2 until 6:00 p.m. August 3.
Cold Bay - 11	3:45 p.m. August 4	6:00 a.m. August 6	Fishing Period: The Uria Bay Section will open to commercial salmon fishing from 6:00 a.m. August 6 until 6:00 p.m. August 9. Waters within 500 yards of the Christianson Lagoon exit channel terminus at the ocean shoreline are closed to fishing. Swanson Lagoon will remain closed to commercial salmon fishing until further notice.
Port Moller - 19	9:00 a.m. August 9	11:59 p.m. August 9	Fishing Period: The Nelson Lagoon Section will remain open to commercial fishing from 11:59 p.m. August 9 until 11:59 p.m. August 10.
Cold Bay - 12	1:30 p.m. August 11	6:00 a.m. August 13	Fishing Period: The Uria Bay Section will open to commercial salmon fishing from 6:00 a.m. August 13 until 6:00 p.m. August 16. The Swanson Lagoon Section will remain closed. Waters within 500 yards of the Christianson Lagoon exit channel terminus at the ocean shoreline will be closed to commercial salmon fishing until further notice.
Port Moller - 20	9:00 a.m. August 15	11:59 p.m. August 15	Fishing Period: The Nelson Lagoon Section will remain open to commercial fishing from 11:59 p.m. August 15 until 11:59 p.m. August 16. The Black Hills Section will remain open to commercial fishing from 6:00 p.m. August 16 until 6:00 p.m. August 17.

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Table 23.–Page 5 of 6.

Emergency Order #	Issued:	Effective:	Action Taken:
Cold Bay - 13	6:00 p.m. August 16	6:00 p.m. August 18	Fishing Period: Commercial salmon fishing will be extended in the Izembek-Moffet Bay section from 6:00 p.m. August 16 until 6:00 p.m. August 18.
Port Moller - 21	9:00 a.m. August 16	6:00 p.m. August 17	Fishing Period: The Black Hills Section will remain open to commercial salmon fishing from 6:00 p.m. August 17 until 6:00 p.m. August 18.
Port Moller - 22	9:00 a.m. August 22	11:59 p.m. August 22	Fishing Period: The Nelson Lagoon Section will remain open to commercial fishing from 11:59 p.m. August 22 until 11:59 p.m. August 23. The Black Hills Section will remain open to commercial fishing from 6:00 p.m. August 23 until 6:00 p.m. August 24.
Cold Bay - 14	10:30 a.m. August 22	6:00 p.m. August 23	Fishing Period: The Izembek-Moffet Bay Section of the Northwestern District will have its commercial salmon fishing opener extended from 6:00 p.m. August 23 until 6:00 p.m. August 25. The Swanson Lagoon Section will remain closed until further notice.
Port Moller - 23	9:00 a.m. August 23	11:59 p.m. August 23	Fishing Period: The Nelson Lagoon Section will remain open to commercial fishing from 11:59 p.m. August 23 until 11:59 p.m. August 24. The Black Hills Section will remain open to commercial fishing from 6:00 p.m. August 24 until 6:00 p.m. August 25.
Port Moller - 24	9:00 a.m. August 29	6:00 p.m. September 1	Fishing Period: Commercial salmon fishing will be extended in the Nelson Lagoon Section from 11:59 p.m. August 30 until 11:59 p.m. August 31. Commercial salmon fishing in the Black Hills Section will be extended from 6:00 p.m. August 30 until 6:00 p.m. September 1.
Cold Bay - 15	11:00 a.m. August 29	6:00 p.m. September 1	Fishing Period: Commercial salmon fishing will be extended in the Izembek-Moffet Bay Section for 48 hours until 6:00 p.m. September 1.

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Table 23.–Page 6 of 6.

Emergency Order #	Issued:	Effective:	Action Taken:
Port Moller - 25	9:00 a.m. August 31	11:59 p.m. September 5	Fishing Period: Commercial salmon fishing will be extended in the Nelson Lagoon Section from 11:59 p.m. August 31 until 11:59 p.m. September 5.
Cold Bay - 16	10:30 p.m. September 4	6:00 a.m. September 5	Fishing Period: Commercial salmon fishing will open from 6:00 a.m. September 5 until 6:00 p.m. September 8 in the Izembek-Moffet Bay Section.

Table 24.—Nelson Lagoon Section salmon harvest by species and day, 2012.

Catch Date	Permits	Landings	Number of Fish				
			Chinook	Sockeye	Coho	Pink	Chum
Prior to 3-Jun	0	0	0	0	0	0	0
4-Jun	0	0	0	0	0	0	0
5-Jun ^a							
6-Jun ^a							
7 Jun–10 Jun ^b							
11-Jun	7	7	12	849	0	0	0
12-Jun	11	12	24	2,265	0	0	0
13-Jun	10	10	5	1,817	0	0	0
14 Jun–17 Jun ^b							
18-Jun	13	13	9	2,073	0	0	0
19-Jun	13	13	15	3,045	0	0	0
20-Jun	15	15	7	2,605	0	1	0
21-Jun	14	14	11	2,479	0	0	0
22 Jun–27 Jun ^b							
28-Jun	14	14	30	2,366	0	0	0
29-Jun	18	19	23	3,387	0	0	0
30-Jun	18	19	16	3,392	0	0	0
1-Jul	17	17	33	5,021	0	0	0
2-Jul	16	16	21	5,171	0	0	0
3-Jul	16	16	10	3,700	0	0	0
4-Jul	19	19	14	5,859	0	0	0
5-Jul	20	20	12	7,997	1	0	1
6-Jul	22	22	8	4,603	0	3	0
7-Jul	16	16	2	2,891	0	2	0
8-Jul	15	16	2	3,031	0	0	0
9-Jul	18	18	5	2,673	0	0	4
10-Jul	15	15	0	2,144	0	0	0
11-Jul	15	15	1	1,244	0	0	0
12-Jul	15	15	1	1,503	0	0	0
13-Jul	15	16	2	1,935	0	0	36
14 Jul–15 Jul ^b							
16-Jul	14	15	2	2,511	0	0	61
17-Jul	17	17	4	2,130	0	0	51
18-Jul	14	14	0	1,511	0	0	33
19-Jul	16	16	3	1,904	0	0	178
20-Jul	12	12	0	1,191	3	0	15
21-Jul	15	15	4	2,177	0	0	362
22-Jul ^b							
23-Jul	12	13	0	1,228	0	0	147
24-Jul	11	11	0	833	0	0	239
25-Jul	11	11	0	469	2	0	138
26-Jul	14	14	0	1,318	0	0	272
27-Jul	16	16	0	2,560	13	0	1,004

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Table 24.–Page 2 of 2.

Catch Date	Permits	Landings	Number of Fish				
			Chinook	Sockeye	Coho	Pink	Chum
28 Jul– 29 Jul ^b							
30-Jul	16	18	0	2,858	73	2	351
31-Jul	16	16	0	3,095	69	0	484
1-Aug	17	29	0	3,585	140	0	386
2-Aug ^a							
3-Aug	16	16	0	2,641	166	0	496
4 Aug–5 Aug ^b							
6-Aug	14	14	0	1,780	224	0	243
7-Aug	15	15	0	2,248	260	0	434
8-Aug	14	14	0	2,019	402	0	203
9-Aug	12	12	0	1,070	223	0	261
10-Aug	12	12	0	723	226	0	266
11 Aug–12 Aug ^b							
13-Aug	13	13	0	802	746	0	80
14-Aug	14	14	0	633	414	0	104
15-Aug	13	13	0	693	623	0	69
16-Aug	13	13	0	553	622	0	34
17 Aug–19 Aug ^b							
20-Aug	12	14	0	326	772	0	0
21-Aug	14	14	1	908	1,646	0	5
22-Aug	16	16	0	525	1,924	0	0
23-Aug	14	14	0	692	2,162	0	0
24-Aug	17	17	0	397	1,705	0	0
25 Aug–26 Aug ^b							
27-Aug	18	18	0	286	3,443	0	0
28-Aug	18	18	0	420	5,704	0	0
29-Aug	15	15	0	138	1,717	0	2
30-Aug	17	17	0	95	2,187	0	0
31-Aug	18	91	0	145	3,369	0	0
1-Sep	12	13	0	64	2,180	0	2
2-Sep	5	5	0	14	364	0	0
3-Sep	0	0	0	0	0	0	0
4-Sep ^a							
5-Sep	0	0	0	0	0	0	0
6-Sep ^b							
Total ^c	27	894	280	116,685	31,476	8	5,961

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

^a Confidentiality rules prohibit the release of this information.

^b Fishery closed.

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

Table 25.–Bear River Section salmon harvest by species and day, 2012.

Catch Date	Permits	Landings	Number of Fish				
			Chinook	Sockeye	Coho	Pink	Chum
Prior to 10-June	0	0	0	0	0	0	0
11-Jun	3	3	7	505	0	0	3
12-Jun	3	3	8	621	0	0	2
13-Jun ^a							
14 Jun–1 Jul ^b							
2-Jul	7	7	25	2,797	0	0	93
3-Jul	8	9	11	2,221	0	0	129
4-Jul	5	5	1	1,855	0	0	144
5-Jul	8	9	4	2,962	0	0	215
6-Jul	6	6	2	1,348	0	0	157
7 Jul–8 Jul ^b							
9-Jul ^c							
Total ^d	13	44	65	12,912	0	0	743

^a Confidentiality requirements prohibit releasing this information.

^b Fishery closed.

^c The Bear River Section closed on July 9, 2012, until further notice.

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

Table 26.—North Alaska Peninsula salmon test fish catches, 2001–2012.

Year	Number of Salmon					Total
	Chinook	Sockeye	Coho	Pink	Chum	
2001	13	4,363	2	10	62	4,450
2002	0	6,021	14	41	169	6,245
2003	1	5,785	10	99	178	6,073
2004	0	3,874	35	108	87	4,104
2005	0	2,291	2	11	36	2,340
2006	20	2,232	2	0	89	2,343
2007	0	1,664	5	0	13	1,682
2008	0	2,249	54	1	105	2,409
2009	6	4,027	7	29	54	4,123
2010	0	2,294	2	19	58	2,373
2011	1	2,434	21	33	67	2,556
2012	0	0	0	0	0	0
2003–2012 Average	3	2,685	14	30	69	2,800

Note: A test fishery did not occur in 2012.

Table 27.—Three Hills Section salmon harvest by species and day, 2012.

Catch Date	Permits	Landings	Number of Fish				
			Chinook	Sockeye	Coho	Pink	Chum
Prior to 24-Jul ^a							
25-Jul ^b							
Total	0	0	0	0	0	0	0

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

^a Fishery closed.

^b Three Hills Section closed until further notice on July 25, 2012.

Table 28.—Ilnik Section salmon harvest by species and day, 2012.

Catch Date	Permits	Landings	Number of Fish				
			Chinook	Sockeye	Coho	Pink	Chum
Prior to 19-Jun ^a	0	0	0	0	0	0	0
20 Jun–1 Jul ^b							
2-Jul	108	144	53	45,306	0	1	925
3-Jul	75	83	40	28,323	0	0	643
4-Jul	90	120	78	63,602	0	0	1,648
5-Jul	28	33	16	18,409	0	0	378
6-Jul	39	43	36	24,140	0	0	807
7-Jul ^b							
8-Jul	79	82	20	17,557	1	0	919
9-Jul	104	108	41	22,339	1	6	1,341
10-Jul	99	112	45	18,549	0	8	1,132
11-Jul	72	75	26	13,569	1	0	651
12 Jul–15 Jul ^b							
16-Jul ^c							
Total	118	800	355	251,794	3	15	8,444

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

^a Prior to June 20, commercial fishing can occur in Ilnik Lagoon. No harvest occurred in 2012.

^b Fishery closed.

^c On July 16, the Ilnik Section closed until further notice.

Table 29.—Outer Port Heiden Section salmon harvest by species and day, 2012.

Catch Date	Permits	Landings	Number of Fish				
			Chinook	Sockeye	Coho	Pink	Chum
Prior to 19-Jun ^a							
20 Jun–27 Jun ^b							
28-Jun	73	80	43	31,070	0	0	682
29-Jun	73	82	58	33,850	0	7	485
30-Jun	72	92	59	60,337	0	0	783
1 Jul–4 Jul ^b							
5-Jul	54	66	33	44,063	0	1	845
6-Jul	73	83	54	45,583	0	1	1,027
7-Jul	78	104	33	42,731	0	5	1,054
8 Jul–12 Jul ^b							
13-Jul	64	67	5	5,206	3	0	590
14-Jul	15	17	4	3,278	2	7	431
15-Jul	10	10	3	2,108	5	2	437
16-Jul ^c							
Total	111	601	292	268,226	10	23	6,334

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

^a Commercial salmon fishing season in the Outer Port Heiden Section is June 20 through September 30.

^b Fishery closed.

^c The Outer Port Heiden Section closed until further notice on July 16, 2012.

Table 30.—Alaska Peninsula (Area M) and Bristol Bay (Area T) overlap area commercial salmon catch, in number of fish by gear and permit, 1975–2012.

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

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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
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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														
2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007 ^a								0	0	0	0	0	0	0
2008 ^a								0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0							
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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

^a Confidentiality requirements prohibit releasing this information.

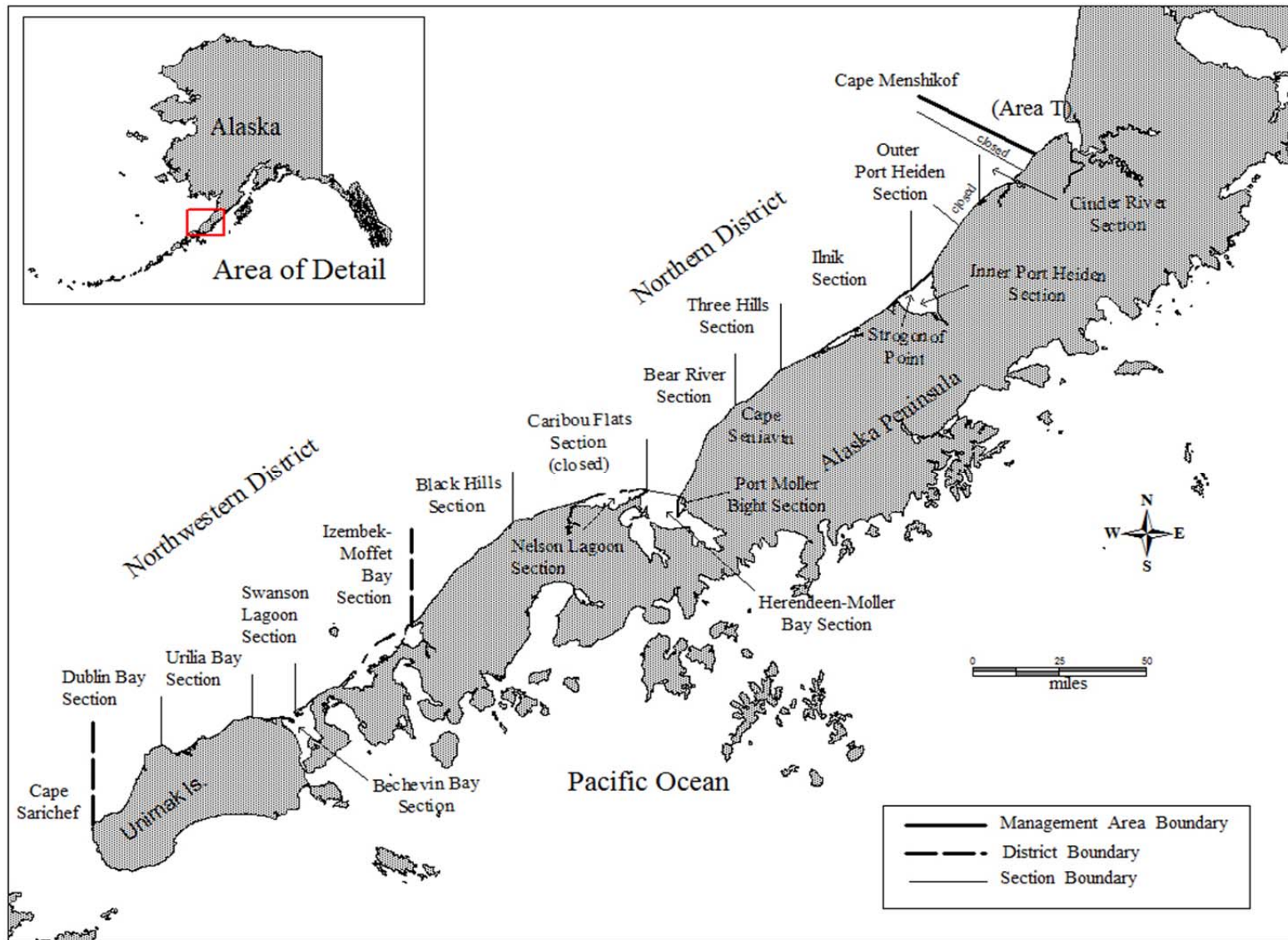


Figure 1.—Map of Alaska Peninsula with North Peninsula commercial salmon fishing districts.

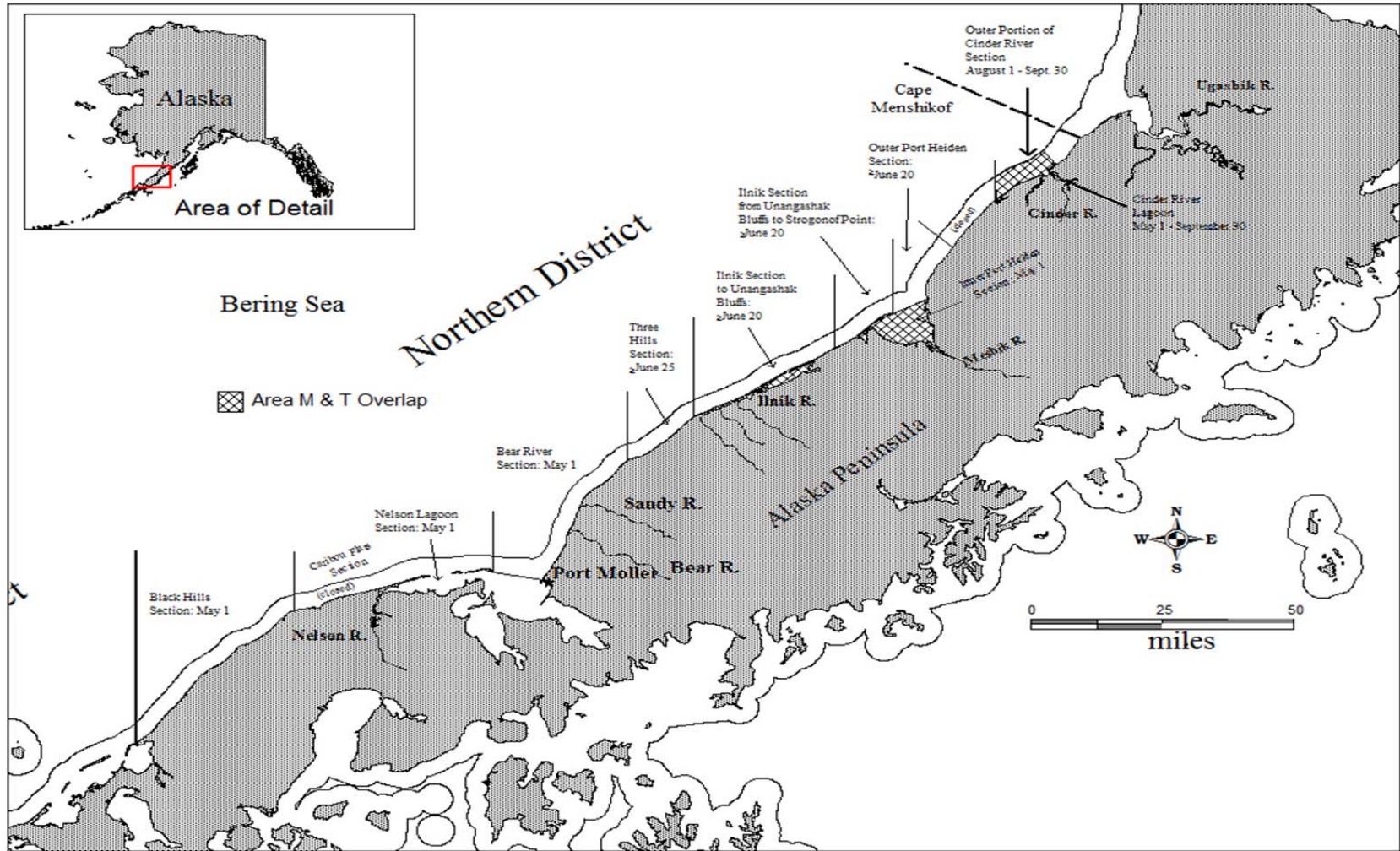


Figure 2.—North Alaska Peninsula from Nelson Lagoon to Cape Menshikof, with selected commercial salmon fishing sections, season opening dates, and major sockeye salmon systems.

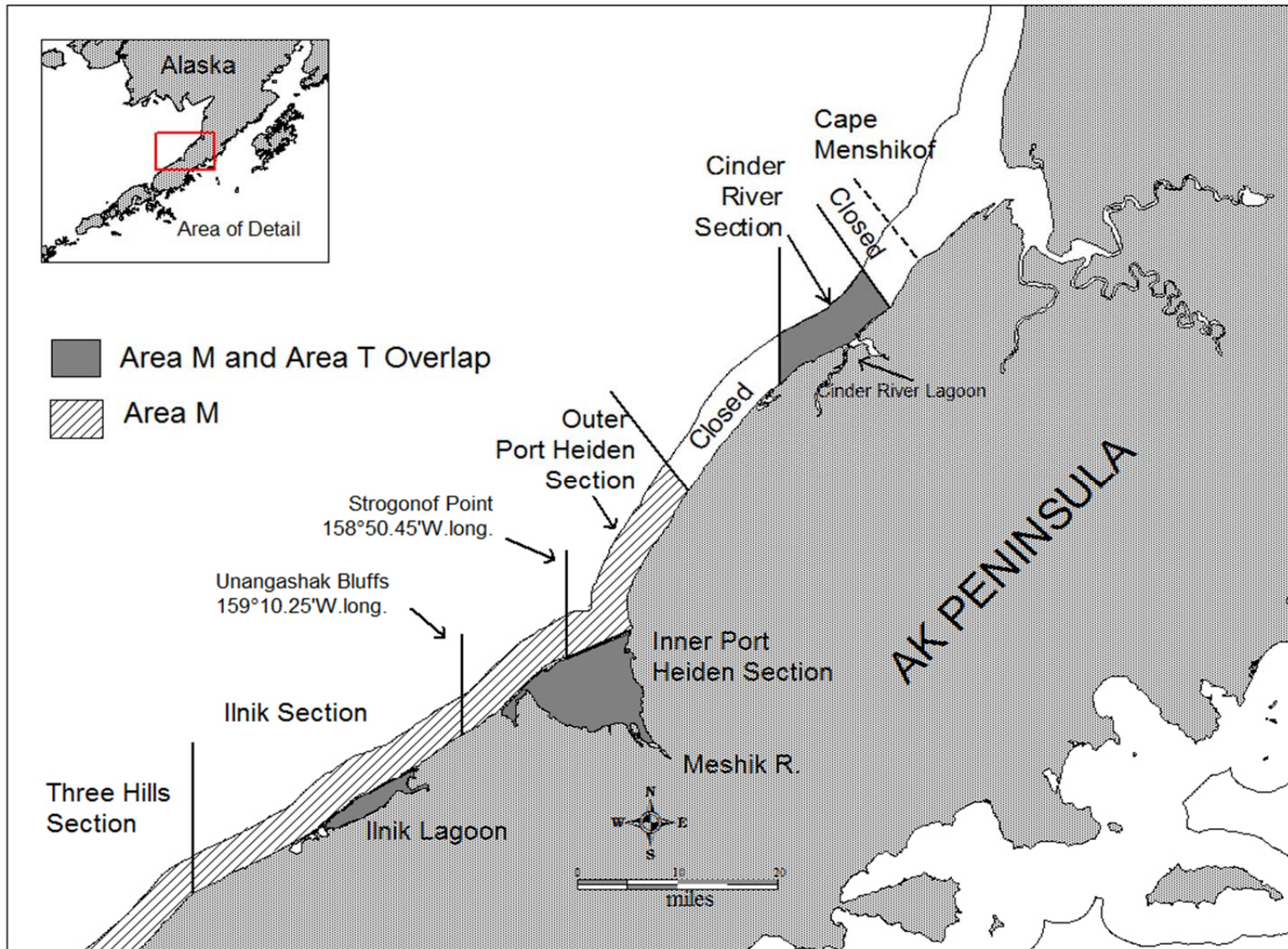


Figure 3.—Alaska Peninsula (Area M) and Bristol Bay (Area T) commercial salmon fishing overlap areas.

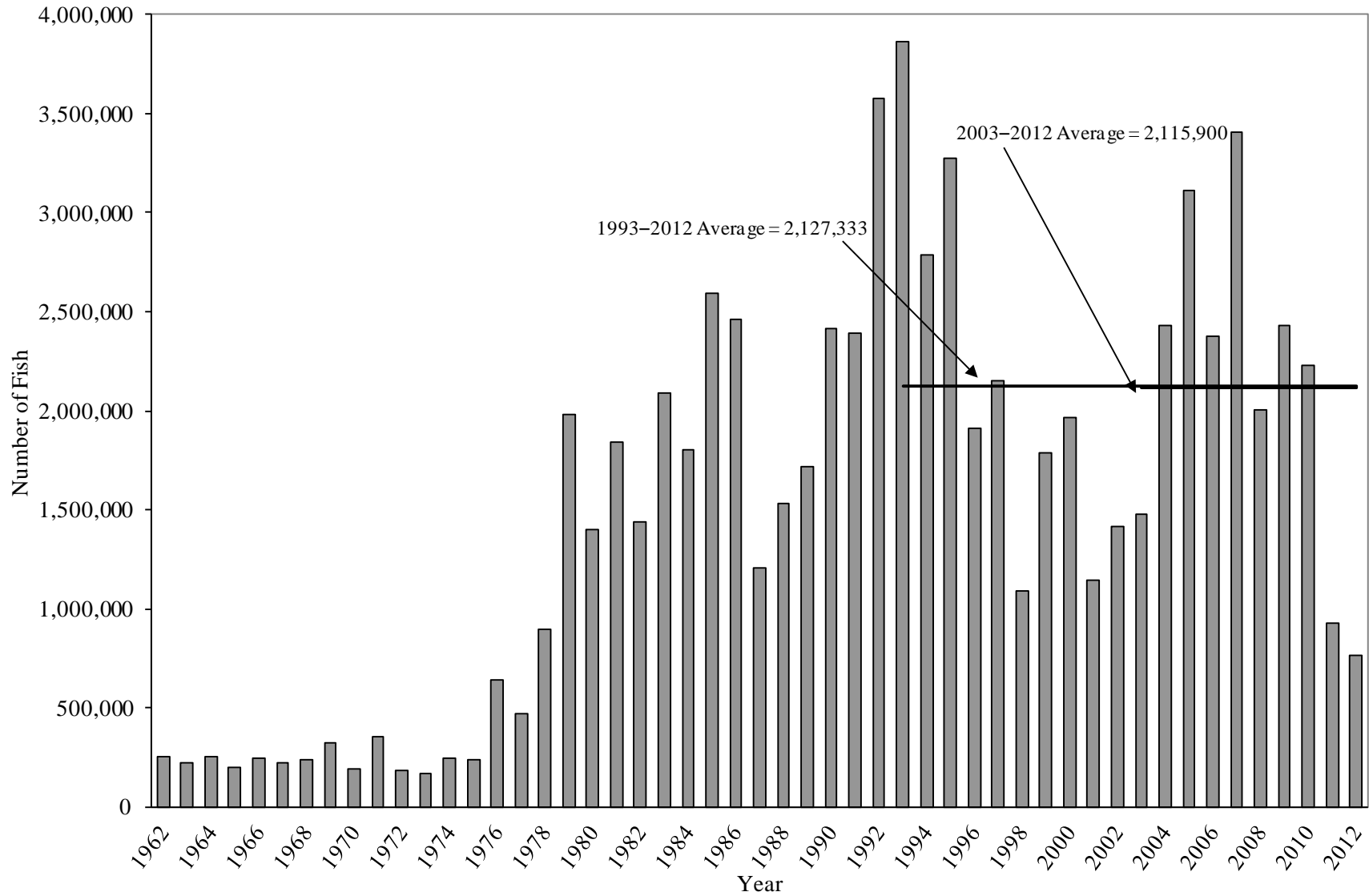


Figure 4.—North Alaska Peninsula commercial sockeye salmon harvest, 1962–2012.

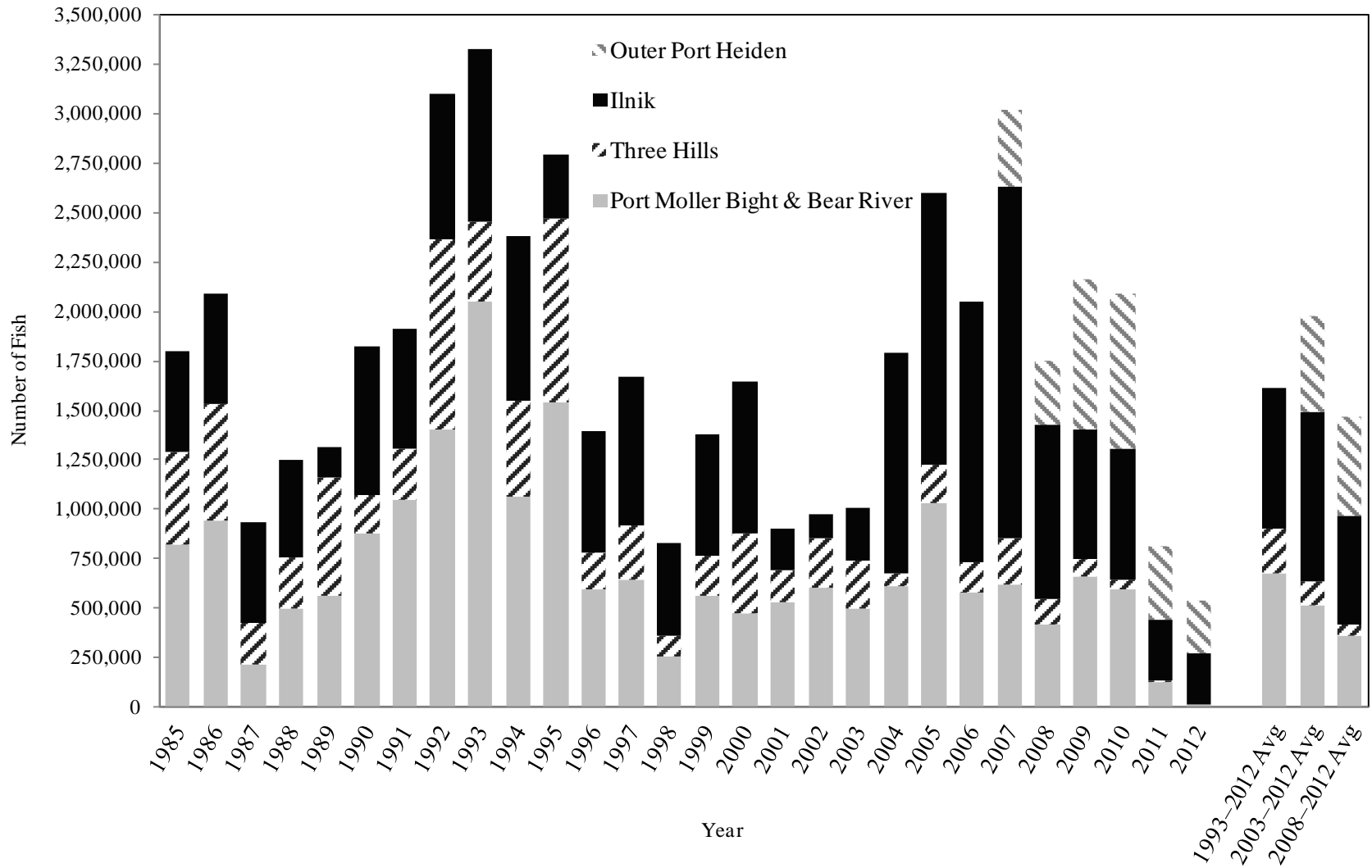


Figure 5.—Port Moller Bight, Bear River, Three Hills, Ilnik and Outer Port Heiden sections commercial sockeye salmon harvest, 1985–2012.

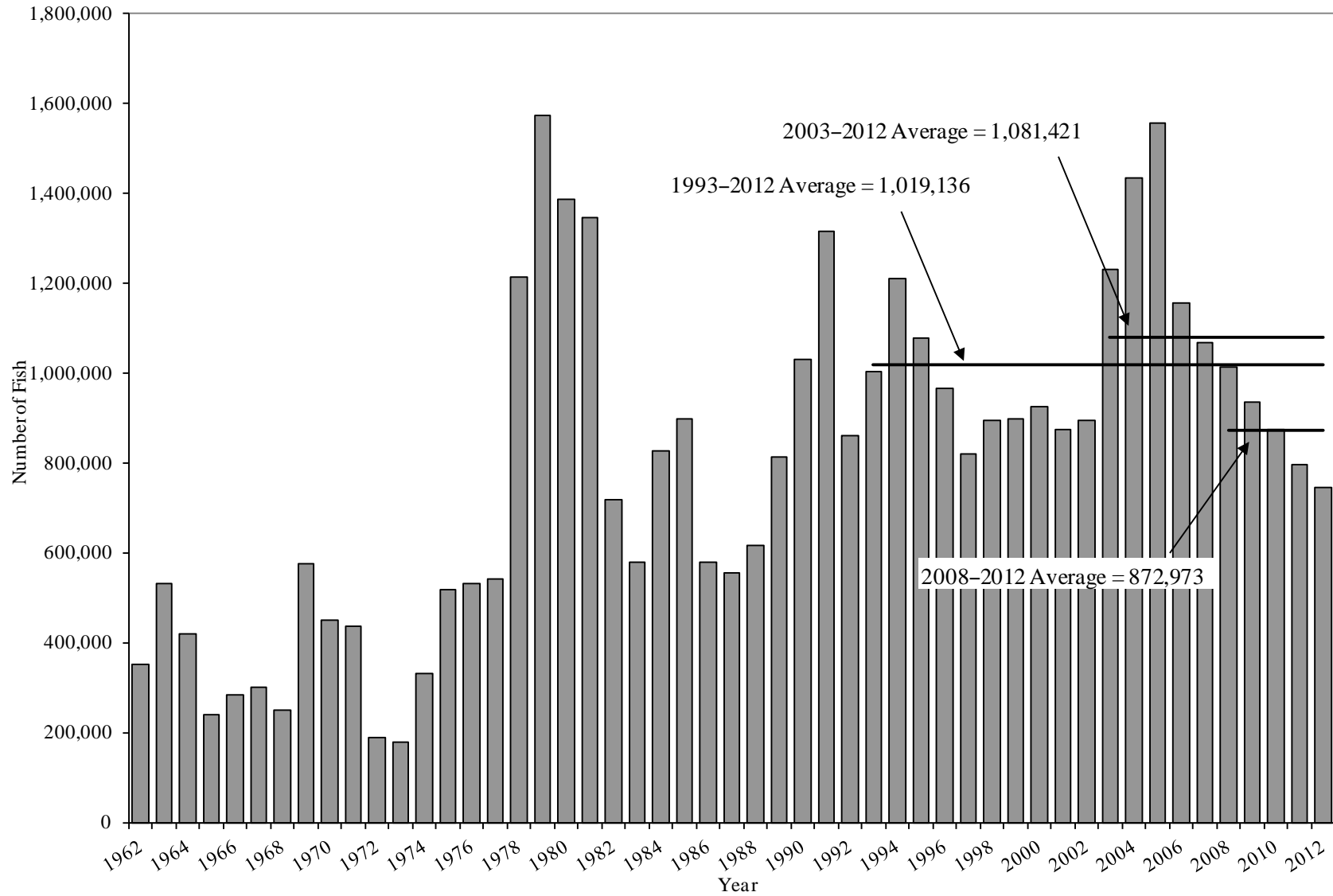


Figure 6.—North Alaska Peninsula sockeye salmon escapement, 1962–2012.

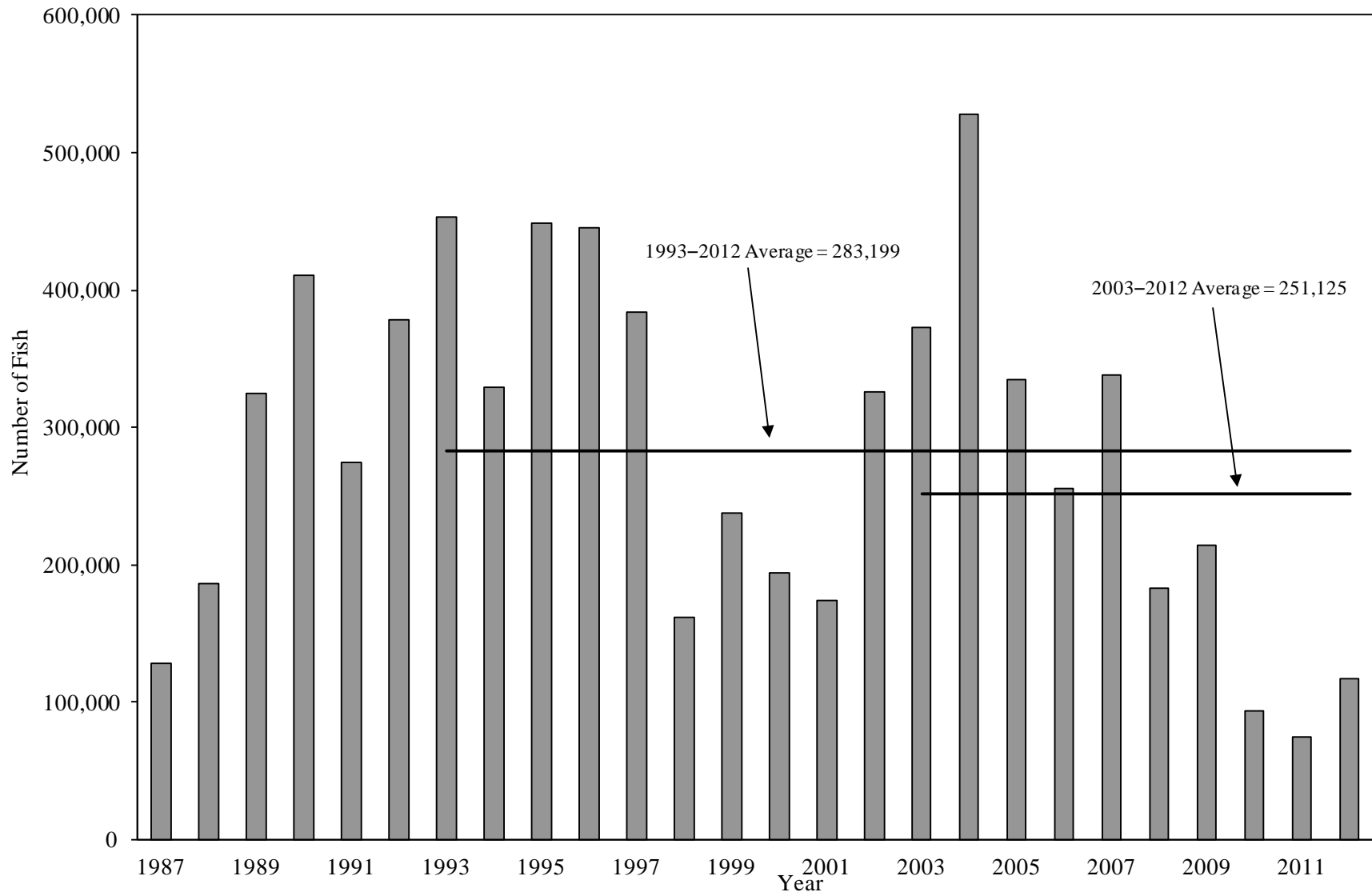


Figure 7.—Nelson Lagoon commercial sockeye salmon harvest, 1987–2012.

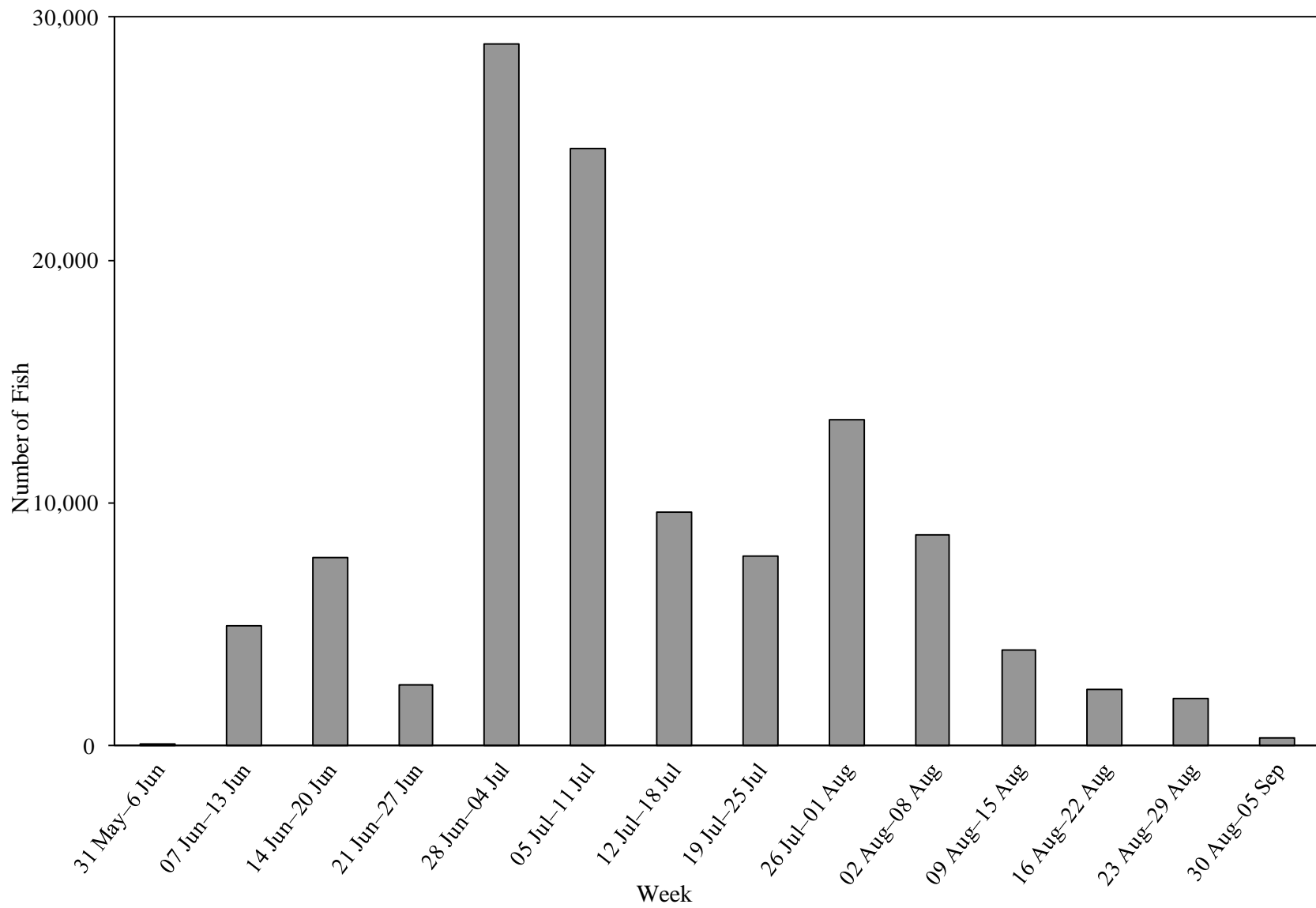


Figure 8.—Nelson Lagoon commercial sockeye salmon harvest by week, 2012.

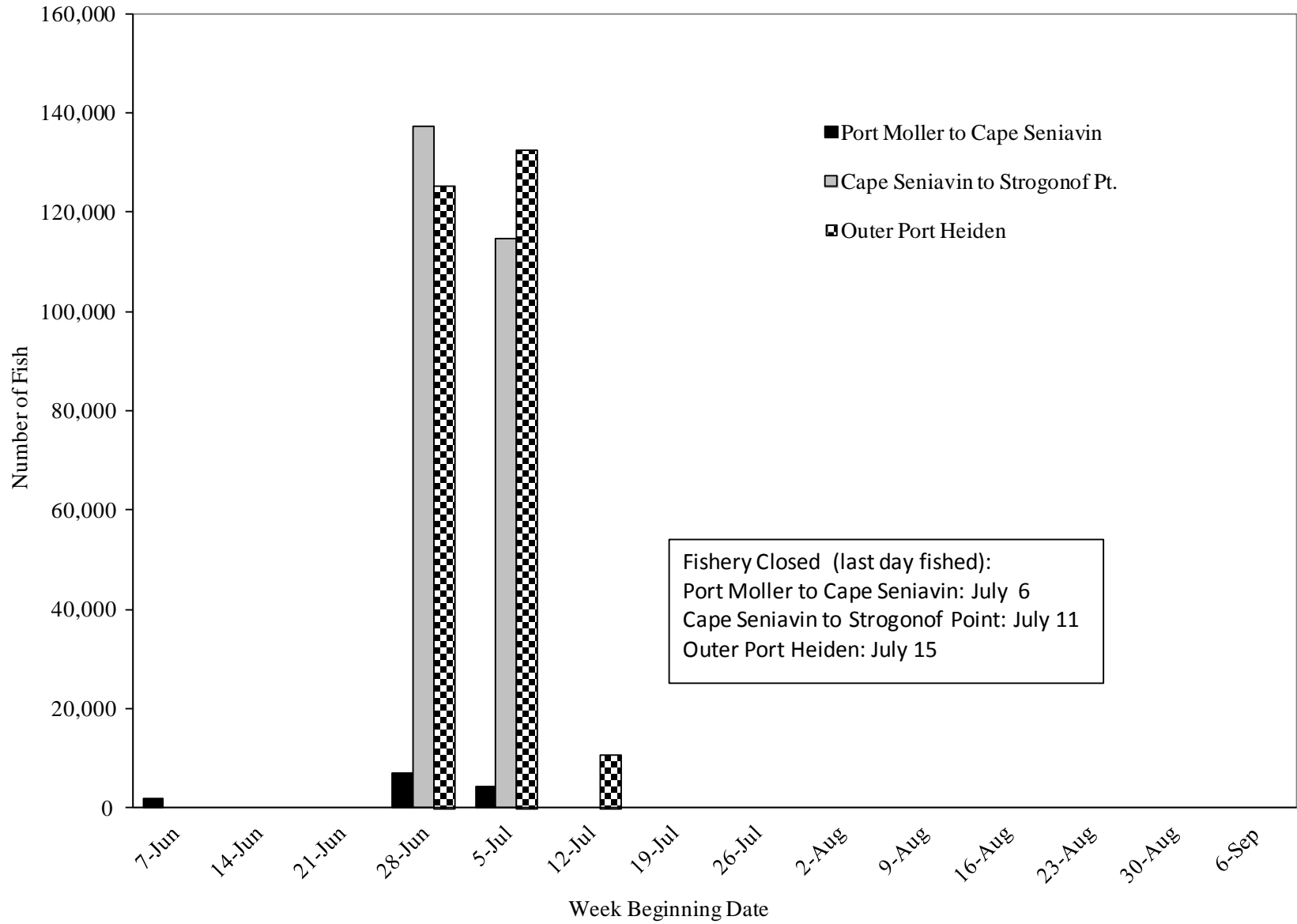


Figure 9.—Port Moller to Cape Seniavin, Cape Seniavin to Strogonof Point and Outer Port Heiden sockeye salmon catch by week, 2012.

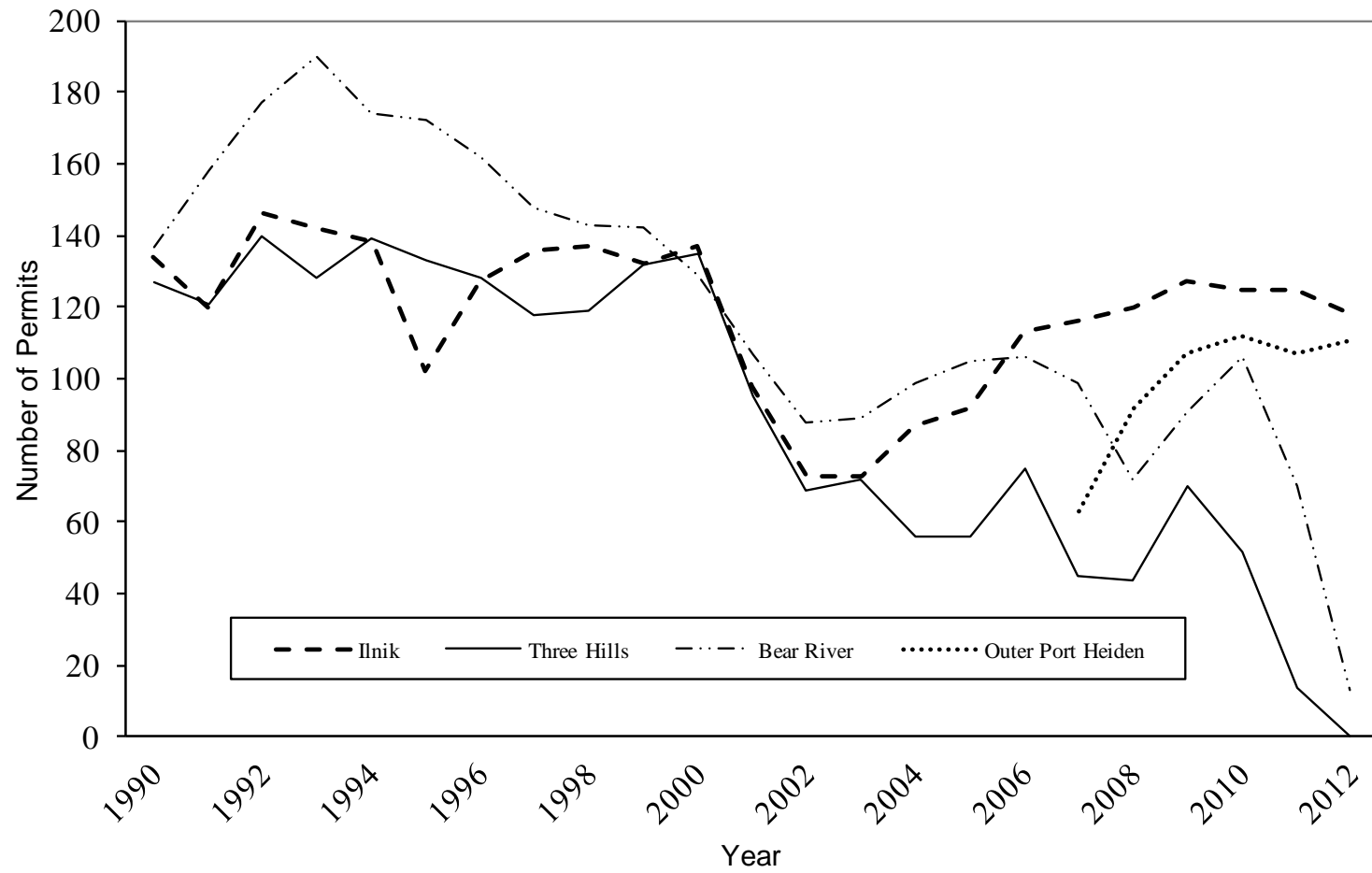


Figure 10.—Number of permits fished in the Ilnik, Three Hills, Bear River, and Outer Port Heiden sections, 1990–2012.

**APPENDIX A. NORTH ALASKA PENINSULA SALMON
ESCAPEMENT, 2012**

Appendix A1.—North Alaska Peninsula estimated total escapement for Chinook, sockeye, pink, and chum salmon, and peak escapement counts for coho salmon, 2012.

NORTHWESTERN DISTRICT		Number of salmon ^a				
Stream No.	Stream name	Chinook	Sockeye	Coho	Pink	Chum
URILIA BAY SECTION						
311-30.06	Divide Creek					
311-30.07	Whaleback Mtn. Creek					
311-30.08	Christianson Lagoon		40,000			5,000
	<i>Christianson Lagoon System total</i>	0	40,000	0	0	5,000
311-30.09	Mudhole		7,600			
311-30.10	Clear Lagoon					
	<i>Peterson Lagoon System total</i>	0	7,600	0	0	0
311-40.01	Emil's River					
311-40.04	North Creek					
311-40.07	Otter Point Creek					
	Total Uria Bay Section	0	47,600	0	0	5,000
SWANSON LAGOON SECTION						
311-50.01	Big River					
311-50.02	Swanson Lagoon System		3,500			750
	Total Swanson Lagoon Section	0	3,500	0	0	750
BECHEVIN BAY SECTION						
311-60.01	St. Catherine Cove				2,000	34,100
311-60.06	Anderson's Creek				2,900	
311-60.07 & .08	Trader's Cove			5,500	2,000	
311-60.12	Warm Springs Bay				503	
311-60.13	Hungry's Creek				200	
311-60.18	Lampsport Lagoon					
	Total Bechevin Bay Section	0	0	5,500	7,603	34,100
IZEMBEK-MOFFET BAY SECTION						
312-20.01	Norma Bay Lakes					
312-20.02	Mike's Duck Camp Creek				400	3,100
312-20.03	Norma Bay, South		200		1,500	4,500
312-20.04	Third Bridge Creek			400	1,000	5,500
312-20.05	Frosty Creek		100	200	400	13,100
312-20.06	Blue Bill Lake		1,090			
312-20.13	Outer Marker Lakes		1,580			
312-20.51	Springs S Frosty Creek			60		190
312-20.52	Second Bridge Creek			50		660
	<i>Izembek Lagoon total</i>	0	2,970	710	3,300	27,050
312-40.01	Joshua Green River		24,000	2,000		70,000
312-40.02	Moffet Springs Creek			150		800
312-40.03	Moffet Creek		1,300	100		2,300
312-40.04	Unnamed					
312-40.05	Unnamed					
	<i>Moffet Bay total</i>	0	25,300	2,250	0	73,100
	Total Izembek-Moffet Bay Section	0	28,270	2,960	3,300	100,150
NORTHWESTERN DISTRICT TOTAL		0	79,370	8,460	10,903	140,000

-continued-

NORTHERN DISTRICT						
Stream No.	Stream name	Number of salmon ^a				
		Chinook	Sockeye	Coho	Pink	Chum
BLACK HILLS SECTION						
313-10.02	North Creek	125	18,000	450	0	2,000
313-10.05	Cathedral River	75	2,000	0	0	600
313-10.06	Russian(Trader Mtn.) River		0	0	0	0
313-10.09	AMOCO Airstrip Creek		0	0	0	1,600
313-10.11	Black Hills Creek	300	1,000	0	0	1,800
313-10.14	Steelhead Creek	100	1,200	800	2,200	2,200
313-10.15	Mainshak Creek		1,500	0		0
Total Black Hills Section		600	23,700	1,250	2,200	8,200
NELSON LAGOON SECTION						
313-30.01 &04	David's R.	100	7,500			
313-30.02	Caribou River	0	27,000			
313-30.03	Nelson (Sapsuk) River	992	103,300	19,160	18	6,000
Total Nelson Lagoon Section		1,092	137,800	19,160	18	6,000
HERENDEEN-MOLLER BAY SECTION						
314-20.02	Buck Valley					100
314-20.03	Doe Valley					1,200
314-20.04	Deer Valley				2,000	13,000
314-20.05	Portage Valley					2,000
314-20.06	Grass Valley		900	150	4,000	18,000
314-20.07	Lawrence Valley			200	3,000	24,000
314-20.08	Mine Harbor					100
314-20.09	Coal Creek				4,000	11,000
Herendeen Bay total		0	900	350	13,000	69,400
314-30.04	Mud Bay, west creek			50		21,000
314-30.05	Mud Bay, east creek					4,000
314-30.07	Right Head Bay, south creek			50		300
314-30.09	Right Head Bay, north creek			400		7,000
314-30.10	Left Head Creek			200	2,000	9,000
Moller Bay total		0	0	700	2,000	41,300
Total Herendeen-Moller Bay Section		0	900	1,050	15,000	110,700
BEAR RIVER SECTION						
315-10.01	Frank's Lagoon			500		4,000
315-10.02	King Salmon River	300		700		1,600
315-11.02	Bear River	500	289,600		18	1,000
315-12.01	Sandy River	600	27,100	500	746	18
Total Bear River Section		1,400	316,700	1,700	764	6,618
THREE HILLS SECTION						
316-10.01	Lime Creek			100		200
316-10.02	Mid Three Hills					300
316-10.04	SW Three Hills		100	400		600
Total Three Hills Section		0	100	500	0	1,100

-continued-

NORTHERN DISTRICT (continued)		Number of salmon ^a				
Stream No.	Stream name	Chinook	Sockeye	Coho	Pink	Chum
ILNIK SECTION						
316-10.05	Ocean River/Wildman Lake		21,000	4,000		
316-10.06	Willie Creek		7,000	2,500		
316-20.01	Inik Lagoon System	1	33,000	5,300	83	
316-20.04	Unangashak River			3,000		
316-20.05	East of Unangashak River					
316-20.06	North of Unangashak River					
Total Inik Section		1	61,000	14,800	83	0
INNER PORT HEIDEN SECTION						
317-20.01	Unnamed, Port Heiden Area					
317-20.02	Charles Creek					
West Port Heiden Bay total		0	0	0	0	0
317-20.06	Highland Creek					
317-20.04A & B	Red & Yellow Bluff Creeks	3	7,100	1,200		
317-20.07 A	Meshik River, mainstem		33,000	53,000		1,800
317-20.07 B	Braided Creek	12		6,000		
317-20.07 C	Landlocked Creek	20	6,000	7,500		
317-20.07 D	Bluff Creek					
317-20.07 E	Blue Violet Creek		800			
317-20.07 F	Wolf Creek					
317-20.07 G	Meshik River, G Creek					
317-20.07 H	Shoe Creek					
317-20.07 J	Meshik River, J Creek					
317-20.07 K	Meshik River, K Creek	5	3,000			
317-20.07 L	Meshik River, L Creek		1,000			
317-20.07 M	Meshik River, M Creek					
317-20.07 N	Meshik River, N Creek					
317-20.07 O	Plenty Bear Creek					
317-20.07 O-A	Paddle Creek	1				
317-20.07 P	Waterfall Creek					
317-20.07 R	Rainbow Creek					
317-20.07 T	Cub Creek					
Meshik River total		41	50,900	67,700	0	1,800
317-20.08	Birthday Creek					200
317-20.09	Barabara Creek			900		100
Total Inner Port Heiden Section		41	50,900	68,600	0	2,100
OUTER PORT HEIDEN SECTION						
318-10.01	Reindeer Creek			1200		2700
Total Outer Port Heiden Section		0	0	1,200	0	2,700

-continued-

NORTHERN DISTRICT (continued)		Number of salmon ^a				
Stream No.	Stream name	Chinook	Sockeye	Coho	Pink	Chum
CINDER RIVER SECTION						
318-20.01	SW of Mud Creek					
318-20.04	Mud Creek		6,000	27,000		
SW of Cinder River total		0	6,000	27,000	0	0
318-20.06 A	Cinder River, mainstem	275	32,500	20,000		2,000
318-20.06 B	Cinder River, B Creek		20			
318-20.06 C	Cinder River, C Creek		200			
318-20.06 D	Lava Creek		29,000			300
318-20.06 E	High Creek		2,800			
318-20.06 H	Meloy Creek	40	4,000			300
318-20.06 J	Wiggly Creek	125	1,500			200
318-20.06 K	Ray Creek		600			200
318-20.06 L	Cinder River, L Creek					
318-20.06 P	Cinder River, P Creek					
Cinder River total		440	70,620	20,000	0	3,000
Total Cinder River Section		440	76,620	47,000	0	3,000
NORTHERN DISTRICT TOTAL		3,574	667,720	155,260	18,065	140,418
TOTAL NORTH PENINSULA		3,574	747,090	163,720	28,968	280,418

Note: Due to two by-pass sloughs connecting Ocean River to the Inik system as well as Ocean River having a direct mouth to the Bering Sea this year, final escapement numbers were determined for sockeye by an aerial survey on August 16 for both Inik and Ocean rivers.

^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, 2012.

Stream	Species							Observer Remarks	
	Date	Location	Visi- bility	Chinook	Sockeye	Coho	Pink		Chum
Whaleback Mtn Crk, 311-3007									
2012-07-03	Stream	G	0	0	0	0	0	0	High winds and surface chop.
Aaron Poetter	Mouth	F	0	2,000	0	0	0	0	Fish in lower part of lagoon entrance, no sign in the steams.
	Bay	P	0	0	0	0	0	0	
2012-07-09	Stream	-	0	0	0	0	0	0	no fish showing, fogged in lagoon.
Aaron Poetter, Aaron Tiernan	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
Christianson Lagoon, 311-3008									
2012-06-24	Stream	F	0	2,500	0	0	0	0	
Matt Keyse	Mouth	F	0	0	0	0	0	0	
	Bay	F	0	0	0	0	0	0	
2012-06-29	Stream	F	0	2,500	0	0	0	0	
Matt Keyse	Mouth	F	0	3,000	0	0	0	0	
	Bay	F	0	0	0	0	0	0	
2012-07-09	Stream	F	0	2,500	0	0	0	0	
Aaron Poetter, Aaron Tiernan	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
2012-07-10	Stream	F	0	4,500	0	0	0	0	Surveyed on 7/9, but fog prevented veiwing around lagoon and mouth.
Matt Keyse	Mouth	P	0	0	0	0	0	0	
	Bay	P	0	0	0	0	0	0	
2012-07-16	Stream	G	0	19,200	0	0	0	0	
Matt Keyse	Mouth	G	0	2,000	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
2012-07-24	Stream	G	0	30,700	0	0	0	0	
Matt Keyse	Mouth	G	0	0	0	0	0	0	
	Bay	F	0	0	0	0	0	0	
2012-08-16	Stream	G	0	40,000	0	0	0	5,000	
Matt Keyse	Mouth	G	0	0	0	0	0	0	
	Bay	G	0	0	0	0	0	0	

-continued-

Stream	Species							Observer Remarks	
	Date	Location	Visi- bility	Chinook	Sockeye	Coho	Pink		Chum
Mud Hole, 311-3009									
2012-06-24	Stream	G	0	0	0	0	0	0	
Matt Keyse	Mouth	G	0	0	0	0	0	0	
	Bay	G	0	0	0	0	0	0	
2012-06-29	Stream	F	0	0	0	0	0	0	
Matt Keyse	Mouth	F	0	0	0	0	0	0	
	Bay	F	0	0	0	0	0	0	
2012-07-09	Stream	F	0	5,100	0	0	0	0	most fish in lagoon, descent visibility .
Aaron Poetter, Aaron Tiernan	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
2012-07-10	Stream	F	0	0	0	0	0	0	Surveyed on 7/9, but fog prevented viewing around mouth-only.
Matt Keyse	Mouth	P	0	300	0	0	0	0	The mouth was surveyed on 7/10.
	Bay	P	0	0	0	0	0	0	
2012-07-16	Stream	G	0	7,500	0	0	0	0	
Matt Keyse	Mouth	G	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
2012-07-24	Stream	G	0	7,600	0	0	0	0	
Matt Keyse	Mouth	G	0	0	0	0	0	0	
	Bay	G	0	0	0	0	0	0	
2012-08-16	Stream	G	0	500	0	0	0	0	
Matt Keyse	Mouth	G	0	0	0	0	0	0	
	Bay	G	0	0	0	0	0	0	
Swanson Lagoon, 311-5002									
2012-06-24	Stream	G	0	0	0	0	0	0	
Matt Keyse	Mouth	G	0	0	0	0	0	0	
	Bay	G	0	0	0	0	0	0	
2012-06-29	Stream	G	0	250	0	0	0	0	
Matt Keyse	Mouth	G	0	0	0	0	0	0	
	Bay	G	0	0	0	0	0	0	

-continued-

Stream Date Observer	Species							Observer Remarks
	Location	Visi- bility	Chinook	Sockeye	Coho	Pink	Chum	
Swanson Lagoon, 311-5002								
2012-07-03	Stream	E	0	0	0	0	0	High winds and surface chop. No fish.
Aaron Poetter	Mouth	E	0	0	0	0	0	
	Bay	P	0	0	0	0	0	
2012-07-09	Stream	G	0	400	0	0	0	
Aaron Poetter, Aaron Tiernan	Mouth	-	0	0	0	0	0	
	Bay	F	0	200	0	0	0	
2012-07-16	Stream	G	0	1,500	0	0	0	
Matt Keyse	Mouth	G	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
2012-07-24	Stream	G	0	3,500	0	0	0	
Matt Keyse	Mouth	G	0	0	0	0	0	
	Bay	G	0	0	0	0	0	
2012-08-16	Stream	G	0	2,500	0	0	600	
Matt Keyse	Mouth	G	0	0	0	0	0	
	Bay	G	0	0	0	0	0	
2012-08-31	Stream	F	0	100	0	750	0	
Aaron Tiernan, Matt Keyse	Mouth	F	0	0	0	0	0	
	Bay	F	0	0	0	0	0	
Mike's Valley, 311-6001								
2012-06-24	Stream	G	0	0	0	0	0	
Matt Keyse	Mouth	G	0	0	0	0	0	
	Bay	G	0	0	0	0	0	
2012-06-29	Stream	G	0	0	0	0	50	
Matt Keyse	Mouth	G	0	0	0	0	0	
	Bay	G	0	0	0	0	200	
2012-07-09	Stream	G	0	0	0	0	4,500	
Aaron Poetter, Aaron Tiernan	Mouth	-	0	0	0	0	0	
	Bay	F	0	0	0	0	4,000	

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Stream		Species						Observer Remarks
Date	Location	Visi- bility	Chinook	Sockeye	Coho	Pink	Chum	
Mike's Valley, 311-6001								
2012-07-16	Stream	G	0	0	0	0	8,900	
Matt Keyse	Mouth	G	0	0	0	0	0	
	Bay	G	0	0	0	0	10,000	
2012-07-24	Stream	G	0	0	0	0	13,500	
Matt Keyse	Mouth	G	0	0	0	0	5,000	
	Bay	G	0	0	0	0	0	
2012-07-27	Stream	G	0	0	0	0	22,000	
Matt Keyse	Mouth	G	0	0	0	0	0	
	Bay	G	0	0	0	0	0	
2012-08-07	Stream	G	0	0	0	0	25,000	
Matt Keyse	Mouth	G	0	0	0	0	0	
	Bay	G	0	0	0	0	0	
2012-08-16	Stream	G	0	0	0	0	2,800	No carcasses, but large number of birds.
Matt Keyse	Mouth	G	0	0	0	0	0	
	Bay	G	0	0	0	0	0	
2012-08-31	Stream	F	0	0	0	2,000	200	
Aaron Tiernan, Matt Keyse	Mouth	F	0	0	0	0	0	
	Bay	F	0	0	0	0	0	
Anderson's Creek, 311-6006								
2012-07-24	Stream	G	0	0	0	40	0	
Matt Keyse	Mouth	G	0	0	0	0	0	
	Bay	G	0	0	0	0	0	
2012-08-07	Stream	G	0	0	0	400	0	
Matt Keyse	Mouth	G	0	0	0	0	0	
	Bay	G	0	0	0	3,000	0	
2012-09-14	Stream	G	0	0	0	700	0	
Jeff Wadle, Matt Keyse	Mouth	G	0	0	0	1,800	0	
	Bay	G	0	0	0	0	0	

-continued-

Stream	Species							Observer Remarks
	Date	Location	Visi- bility	Chinook	Sockeye	Coho	Pink	
Trader's Cove, 311-6008								
2012-07-24	Stream	G	0	0	0	600	0	
Matt Keyse	Mouth	G	0	0	0	0	0	
	Bay	G	0	0	0	0	0	
	2012-08-07	Stream	G	0	0	0	0	0
Matt Keyse	Mouth	G	0	0	0	0	0	
	Bay	G	0	0	0	0	0	
	2012-08-31	Stream	F	0	0	0	300	0
Aaron Tierman, Matt Keyse	Mouth	F	0	0	0	0	0	
	Bay	F	0	0	0	15,000	0	
	2012-09-14	Stream	G	0	0	0	1,700	0
Jeff Wadle, Matt Keyse	Mouth	G	0	0	5,500	0	0	
	Bay	G	0	0	0	0	0	
	Warmsprings Bay, 311-6012							
2012-07-24	Stream	G	0	0	0	500	0	
Matt Keyse	Mouth	G	0	0	0	0	0	
	Bay	G	0	0	0	0	0	
	2012-08-07	Stream	G	0	0	0	0	0
Matt Keyse	Mouth	G	0	0	0	0	0	
	Bay	G	0	0	0	0	0	
	2012-08-31	Stream	F	0	0	0	3	0
Aaron Tierman, Matt Keyse	Mouth	F	0	0	0	0	0	
	Bay	F	0	0	0	0	0	
	2012-09-14	Stream	G	0	0	0	0	100
Jeff Wadle, Matt Keyse	Mouth	G	0	0	0	0	2,000	
	Bay	G	0	0	0	0	0	
	Hungry's Creek, 311-6013							
2012-07-24	Stream	G	0	0	0	200	0	
Matt Keyse	Mouth	G	0	0	0	0	0	
	Bay	G	0	0	0	2,000	0	
	2012-08-07	Stream	-	0	0	0	0	0
Matt Keyse	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	

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Stream	Species							Observer Remarks
	Date	Location	Visi- bility	Chinook	Sockeye	Coho	Pink	
Mike's Duck Camp, 312-2002								
2012-08-08	Stream	F	0	0	0	200	2,700	
Matt Keyse	Mouth	F	0	0	0	0	0	
	Bay	F	0	0	0	0	0	
	2012-09-18	Stream	G	0	0	0	200	400
Matt Keyse	Mouth	G	0	0	0	0	0	
	Bay	G	0	0	0	0	0	
	Alligator Hole, Ctr., 312-2003							
2012-08-08	Stream	F	0	50	0	1,500	4,500	
Matt Keyse	Mouth	F	0	0	0	0	0	
	Bay	F	0	0	0	0	0	
	2012-08-08	Stream	F	0	0	0	0	3,500
Matt Keyse	Mouth	F	0	0	0	0	0	
	Bay	F	0	0	0	0	0	
	2012-09-18	Stream	G	0	200	400	1,000	2,000
Matt Keyse	Mouth	G	0	0	0	0	0	
	Bay	G	0	0	0	0	0	
	Frosty Creek, 312-2005							
2012-08-08	Stream	F	0	100	0	400	8,100	
Matt Keyse	Mouth	F	0	0	0	0	0	
	Bay	F	0	0	0	0	0	
	2012-09-11	Stream	G	0	100	200	0	5,000
Matt Keyse	Mouth	G	0	0	0	0	0	
	Bay	G	0	0	0	0	0	
	Blue Bill Lake, 312-2006							
2012-09-18	Stream	F	0	1,090	0	0	0	
Matt Keyse	Mouth	F	0	0	0	0	0	
	Bay	F	0	0	0	0	0	
	Outer Marker Lakes, 312-2013							
2012-09-18	Stream	G	0	1,580	0	0	0	
Matt Keyse	Mouth	G	0	0	0	0	0	
	Bay	G	0	0	0	0	0	

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Stream Date Observer	Species						Observer Remarks
	Location	Visi- bility	Chinook	Sockeye	Coho	Pink	
Springs S Frosty Crk, 312-2051							
2012-08-08	Stream	F	0	0	0	0	100
Matt Keyse	Mouth	F	0	0	0	0	0
	Bay	F	0	0	0	0	0
2012-09-18	Stream	G	0	0	60	0	90
Matt Keyse	Mouth	G	0	0	0	0	0
	Bay	G	0	0	0	0	0
2nd W Of Frosty Crk, 312-2052							
2012-08-08	Stream	F	0	0	0	0	600
Matt Keyse	Mouth	F	0	0	0	0	0
	Bay	F	0	0	0	0	0
2012-09-18	Stream	G	0	0	50	0	60
Matt Keyse	Mouth	G	0	0	0	0	0
	Bay	G	0	0	0	0	0
Joshua Green River, 312-4001							
2012-07-10	Stream	G	0	0	0	0	5,000
Matt Keyse	Mouth	-	0	0	0	0	0
	Bay	-	0	0	0	0	0
2012-08-07	Stream	G	0	24,000	0	0	65,000
Matt Keyse	Mouth	G	0	0	0	0	0
	Bay	G	0	0	0	0	0
2012-09-11	Stream	G	0	0	2,000	0	0
Matt Keyse	Mouth	G	0	0	0	0	0
	Bay	G	0	0	0	0	0
Moffet Springs Crk, 312-4002							
2012-08-07	Stream	G	0	0	0	0	600
Matt Keyse	Mouth	G	0	0	0	0	0
	Bay	G	0	0	0	0	0
2012-09-11	Stream	F	0	0	150	0	1,300
Matt Keyse	Mouth	F	0	0	0	0	0
	Bay	F	0	0	0	0	0

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Stream Date Observer	Species							Observer Remarks
	Location	Visi- bility	Chinook	Sockeye	Coho	Pink	Chum	
Moffet Creek, 312-4003								
2012-08-07	Stream	F	0	1,300	0	0	1,000	Bottom really dark, difficult to see fish.
Matt Keyse	Mouth	F	0	0	0	0	0	
	Bay	F	0	0	0	0	0	
2012-09-11	Stream	F	0	0	100	0	200	
Matt Keyse	Mouth	F	0	0	0	0	0	
	Bay	F	0	0	0	0	0	
North Creek, 313-1002								
2012-07-23	Stream	G	75	2,000	0	0	0	Zero fish are in the lakes. Creek B has 2,000 sockeye in river and 75 Chinook are near Schuh's camp
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
2012-08-10	Stream	G	125	18,000	0	0	2,000	STREAM DISTRIBUTION: Stream A-8,000 sockeye in west lake, 1,200 sockeye, kings and chums in west creek. Stream D-4,800 sockeye in lakes, 4,000 sockeye in small creek leading to first lake.
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
2012-09-08	Stream	F	0	0	450	0	300	400 coho in B, 50 in D and 0 in C. Water too murky to see fish in A.
Dawn Wilburn	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
Cathedral River, 313-1005								
2012-08-10	Stream	-	75	2,000	0	0	600	STREAM DISTRIBUTION: 2000 sockeye at confluence of Clear Creek. USCG #24 Red buoy near North Creek.
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
2012-09-08	Stream	P	0	0	0	0	0	Water too murky to see fish.
Dawn Wilburn	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
Trader Mtn Cr. (Russian R.), 313-1006								
2012-07-23	Stream	G	0	0	0	0	0	Distance surveyed: mouth to about seven miles upriver. Zero fish.
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
2012-09-08	Stream	G	0	0	0	0	0	
Dawn Wilburn	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	

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Stream	Species							Observer Remarks	
	Date	Location	Visi- bility	Chinook	Sockeye	Coho	Pink		Chum
Amoco Airstrip Creek, 313-1009									
2012-07-23	Stream	G	0	0	0	0	0	0	Zero fish.
Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
2012-08-10	Stream	-	0	0	0	0	0	1,600	STREAM DISTRIBUTION: Chums in lower 2 miles.
Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
2012-09-08	Stream	F	0	0	0	0	0	0	Surveyed first few miles for coho.
Dawn Wilburn	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
Black Hills Creek, 313-1011									
2012-07-23	Stream	-	300	0	0	0	0	0	Chinook are in the lower 1/4 mile of river.
Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
2012-08-10	Stream	-	0	1,000	0	0	0	1,800	Windy 35-40 SE, lower 2 miles of stream surveyed.
Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
2012-09-08	Stream	F	0	0	0	0	0	0	Surveyed first few miles to mouth for coho.
Dawn Wilburn	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
Steelhead Creek, 313-1014									
2012-07-23	Stream	F	100	100	0	0	0	0	About 200 fish are in front of sportfish-guide tents. Difficult to tell the difference between Chinook and sockeye.
Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
2012-08-10	Stream	-	0	1,200	0	0	0	2,200	Lower two miles surveyed, windy 35-40 SE.
Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
2012-09-08	Stream	-	0	0	800	0	0	0	200 coho at confluence, 600 coho in south fork.
Dawn Wilburn	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	

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Stream Date Observer	Species							Observer Remarks
	Location	Visi- bility	Chinook	Sockeye	Coho	Pink	Chum	
Mainshak Creek, 313-1015								
2012-08-25	Stream	-	0	1,500	0	0	0	
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
2012-09-08	Stream	F	0	0	0	0	0	Water murky. No fish observed.
Dawn Wilburn	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
David's River, 313-3001								
2012-07-23	Stream	G	100	7,000	0	0	0	All fish are about five miles or more above Gunnar's cabin.
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
2012-08-25	Stream	G	0	500	0	0	0	Big Fish Lake 500 sockeye.
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
Caribou River, 313-3002								
2012-07-23	Stream	G	0	27,000	0	0	0	
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
Sapsuk River, Branches and Lake, 313-3003								
2012-06-18	Stream	P	0	0	0	0	0	Distance surveyed: Below weir to lagoon. High water, too murky to see fish.
Dawn Wilburn	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
2012-06-21	Stream	G	0	1,500	0	0	0	Sockeye from weir to lagoon. 500 were directly behind the weir.
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
2012-06-28	Stream	F	0	4,000	0	0	0	Distance surveyed: weir to lagoon. Sockeye are from the weir to village.
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
2012-07-09	Stream	G	100	4,500	0	0	0	Distance surveyed: from weir to below the lodge.
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
2012-07-23	Stream	G	0	2,000	0	0	0	Sockeye are within one mile below the weir.
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	

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Stream	Species							Observer Remarks	
	Date	Location	Visi- bility	Chinook	Sockeye	Coho	Pink		Chum
Sapsuk River, Branches and Lake, 313-3003									
2012-08-25	Stream	-	0	0	8,000	0	0	6,000	Chums from 2 miles above Fish and Game cabin.
Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
2012-09-08	Stream	P	0	0	4,200	0	0	0	DISTANCE SURVEYED: 3 miles above weir site to lagoon. Most coho observed from couple miles above Fish and Game cabin to couple miles below.
Dawn Wilburn	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
2012-09-14	Stream	F	0	510	1,150	0	0	0	
Jeff Wadle, Matt Keyse	Mouth	F	0	0	0	0	0	0	
	Bay	F	0	0	0	0	0	0	
2012-09-19	Stream	F	0	0	19,160	0	0	0	
Matt Keyse	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
Drill Hole And Coast Lakes, 313-3004									
2012-07-23	Stream	P	0	0	0	0	0	0	Too murky to see fish.
Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
2012-08-10	Stream	P	0	0	0	0	0	0	Water too murky.
Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
2012-08-25	Stream	G	0	3,000	0	0	0	0	
Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
Buck Valley, 314-2002									
2012-08-16	Stream	G	0	0	0	0	0	100	
Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
2012-09-08	Stream	-	0	0	0	0	0	0	Did not survey. Too windy.
Dawn Wilburn	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	

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Stream Date Observer	Location	Visi- bility	Species					Observer Remarks
			Chinook	Sockeye	Coho	Pink	Chum	
Doe Valley, 314-2003								
2012-08-16	Stream	G	0	0	0	0	1,200	
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
2012-09-08	Stream	P	0	0	0	0	0	Water to dirty to see fish.
Dawn Wilburn	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
Deer Valley, 314-2004								
2012-08-16	Stream	G	0	0	0	2,000	13,000	
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
Portage Creek, 314-2005								
2012-08-16	Stream	-	0	0	0	0	2,000	
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
2012-09-08	Stream	F	0	0	0	0	0	No fish observed.
Dawn Wilburn	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
Grass Valley, 314-2006								
2012-07-23	Stream	G	0	900	0	0	3,000	Sockeye are in the lake.
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
2012-08-16	Stream	G	0	800	0	4,000	18,000	sockeye in lake
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
2012-09-08	Stream	F	0	0	150	0	0	
Dawn Wilburn	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
Lawrence Valley, 314-2007								
2012-07-23	Stream	G	0	0	0	0	4,000	
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
2012-08-16	Stream	G	0	0	0	3,000	24,000	
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	

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Stream Date Observer	Location	Visi- bility	Species					Observer Remarks
			Chinook	Sockeye	Coho	Pink	Chum	
Lawrence Valley, 314-2007								
2012-09-08	Stream	-	0	0	200	0	0	
Dawn Wilburn	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
Mine Harbor, 314-2008								
2012-08-16	Stream	G	0	0	0	0	100	
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
2012-09-08	Stream	-	0	0	0	0	0	No fish observed.
Dawn Wilburn	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
Coal Creek, 314-2009								
2012-07-23	Stream	G	0	0	0	0	3,000	Jumpers are three miles south of mouth and chums are all within two miles of the mouth.
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
2012-08-16	Stream	-	0	0	0	4,000	11,000	
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
2012-09-08	Stream	F	0	0	0	0	0	No fish observed.
Dawn Wilburn	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
Mud Bay, West Creek, 314-3004								
2012-08-16	Stream	-	0	0	0	0	21,000	
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
2012-09-08	Stream	F	0	0	50	0	0	
Dawn Wilburn	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
Mud Bay, East Creek, 314-3005								
2012-08-16	Stream	G	0	0	0	0	4,000	
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
2012-09-08	Stream	F	0	0	0	0	10	
Dawn Wilburn	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	

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Stream Date Observer	Location	Visi- bility	Species					Observer Remarks
			Chinook	Sockeye	Coho	Pink	Chum	
Right Head Bay, South Creek, 314-3007								
2012-08-16	Stream	G	0	0	0	0	300	
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
2012-09-08	Stream	F	0	0	50	0	0	50 coho in first mile.
Dawn Wilburn	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
Right Head Bay, North Creek, 314-3009								
2012-08-16	Stream	G	0	0	0	0	7,000	About 1,200 chums in slough.
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
2012-09-08	Stream	F	0	0	400	0	0	Seals in mouth of river.
Dawn Wilburn	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
Left Head Creek, 314-3010								
2012-08-16	Stream	G	0	0	0	2,000	9,000	
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
2012-09-08	Stream	F	0	0	200	0	0	
Dawn Wilburn	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
Frank's Lagoon, 315-1001								
2012-08-16	Stream	G	0	0	0	0	3,400	STREAM DISTRIBUTION: 3000 chums in upper creek. 400 chums in lagoon.
Dawn Wilburn, Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
2012-08-25	Stream	G	0	0	300	0	4,000	
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
2012-09-08	Stream	G	0	0	500	0	0	
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	

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Stream Date Observer	Location	Visi- bility	Species					Observer Remarks
			Chinook	Sockeye	Coho	Pink	Chum	
King Salmon River, 315-1002								
2012-08-16	Stream	G	300	0	0	0	1,600	Best clarity since the flood in 2007.
Dawn Wilburn, Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
2012-08-25	Stream	P	0	0	50	0	0	
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
2012-09-08	Stream	G	0	0	700	0	0	
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
Bear River, Branches and Lake, 315-1102								
2012-06-18	Stream	F	0	1,100	0	0	0	Distance surveyed: Weir to mouth.
Dawn Wilburn	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
2012-06-25	Stream	F	0	2,500	0	0	0	Distance surveyed: Mad Sow to weir.
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
2012-06-28	Stream	F	0	3,000	0	0	0	Distance surveyed: Mad Sow to weir. Most of the sockeye are directly behind the weir.
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
2012-07-02	Stream	G	0	7,000	0	0	0	Distance surveyed: from weir to Mad Sow.
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
2012-07-09	Stream	G	0	1,500	0	0	0	Distance surveyed: weir to Mad Sow.
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
2012-07-10	Stream	G	0	1,500	0	0	0	Distance surveyed: Mad Sow to weir
Dawn Wilburn, Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
2012-07-24	Stream	F	30	7,010	0	0	20	Stream Distribution: 700 sockeye from Mad Sow to weir, Ridgerunner Creek - 10 sockeye up river, 20 chum, and most of the Chinook are at confluence of Milky River.
Dawn Wilburn, Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	

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Stream	Species							Observer Remarks	
	Date	Location	Visi- bility	Chinook	Sockeye	Coho	Pink		Chum
Bear River, Branches and Lake, 315-1102									
2012-07-28	Stream	G	0	900	0	0	0	0	Distance surveyed: confluence of Mad Sow to weir.
Dawn Wilburn	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
2012-07-30	Stream	G	0	900	0	0	0	0	DISTANCE SURVEYED: confluence of Mad Sow to weir.
Dawn Wilburn	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
2012-08-09	Stream	G	0	1,800	0	0	0	0	Distance surveyed: Weir to confluence of Mad Sow.
Dawn Wilburn	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
2012-08-10	Stream	G	0	1,800	0	0	0	0	Distance surveyed: weir to Mad Sow.
Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
2012-08-12	Stream	G	0	900	0	0	0	0	Distance surveyed: Weir downstream to confluence of Mad Sow.
Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
2012-08-16	Stream	G	500	2,300	0	0	0	1,000	STREAM DISTRIBUTION: Stream C (Ridgerunner)-500 kings and 1,000 chums. Stream A- From confluence of the Mad Sow to weir 2300 sockeye. Fish appear to be holding in river and not travelling.
Dawn Wilburn, Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
2012-08-24	Stream	G	0	4,100	0	0	0	0	Distance surveyed: Mad sow to weir.
Dawn Wilburn	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
2012-09-08	Stream	-	0	3,000	400	0	0	0	DISTRIBUTION: 3,000 Sockeye from Mad Sow to weir site. 400 coho in Ridgerunner Cr.
Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
Sandy River and Lake, 315-1201									
2012-08-12	Stream	G	600	3,500	0	0	0	0	Distance surveyed: Above Fish and Game cabin to below Sandy River Lodge. 3,500 sockeye spawning in river.
Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
2012-09-08	Stream	P	0	0	500	0	0	0	Very murky water.
Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	

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Stream	Species							Observer Remarks	
	Date	Location	Visi- bility	Chinook	Sockeye	Coho	Pink		Chum
Lime Creek, 316-1001									
2012-08-16	Stream	G	0	0	0	0	0	200	
Dawn Wilburn, Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
2012-09-08	Stream	G	0	0	100	0	0	0	
Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
Unnamed, Mid Three Hills, 316-1002									
2012-08-16	Stream	-	0	0	0	0	0	300	
Dawn Wilburn, Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
2012-09-08	Stream	P	0	0	0	0	0	0	Too murky to see fish.
Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
SW Three Hills, 316-1004									
2012-08-16	Stream	G	0	100	0	0	0	600	
Dawn Wilburn, Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
2012-09-08	Stream	G	0	0	400	0	0	0	
Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
Ocean River, 316-1005									
2012-06-25	Stream	P	0	0	0	0	0	0	Too murky.
Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
2012-06-28	Stream	F	0	4,000	0	0	0	0	Distance surveyed: headwaters to mouth. Sockeye in lower two miles.
Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
2012-08-16	Stream	G	0	15,000	0	0	0	0	
Dawn Wilburn, Bob Murphy	Mouth	-	0	0	0	0	0	0	STREAM DISTRIBUTION: 8,000 live sockeye, 4,000 carcasses in Wildman Lake. 7,000 live sockeye, 2,000 carcasses in Ocean River.
	Bay	-	0	0	0	0	0	0	
2012-09-08	Stream	G	0	0	4,000	0	0	0	
Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	

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Stream	Species							Observer Remarks	
	Date	Location	Visi- bility	Chinook	Sockeye	Coho	Pink		Chum
Willie Creek, 316-1006									
2012-06-25	Stream	P	0	0	0	0	0	0	Too murky.
Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
2012-06-28	Stream	P	0	12,000	0	0	0	0	Distance surveyed: up to lake. Murky waters. The lake has 4,000 sockeye and in the lower two miles are 8,000 sockeye.
Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
2012-07-02	Stream	G	0	15,000	0	0	0	0	Sockeye are near the confluence of slough to Ocean River, fish 1-2 miles upriver. Two sportfish boats are going down right past the sonar sight.
Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
2012-08-16	Stream	G	0	5,000	0	0	0	0	
Dawn Wilburn, Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
2012-09-08	Stream	G	0	0	2,500	0	0	0	
Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
Ilnik River/Estuary, 316-2001									
2012-06-25	Stream	P	0	0	0	0	0	0	Distance surveyed: weir to lagoon. Too murky, zero fish.
Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
2012-06-28	Stream	P	0	2,000	0	0	0	0	2,000 sockeye are below the weir and other areas of the river are too murky to see fish.
Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
2012-08-16	Stream	-	0	31,000	0	0	0	0	STREAM DISTRIBUTION: Stream C-26,000 live sockeye and 2,000 carcasses. Stream A- 5,000 sockeye.
Dawn Wilburn, Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
2012-09-08	Stream	G	0	0	4,300	0	0	0	
Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
2012-09-14	Stream	G	0	0	1,000	0	0	0	Surveyed down river to lagoon
Dawn Wilburn, Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	

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Stream Date Observer	Location	Visi- bility	Species					Observer Remarks
			Chinook	Sockeye	Coho	Pink	Chum	
Unangashak River, 316-2004								
2012-09-08	Stream	F	0	0	3,000	0	0	Up river very murky.
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
Highland Creek, 317-2006								
2012-07-24	Stream	F	0	0	0	0	0	Distance surveyed: mouth to spawning grounds. Lower river is murky and no fish on the upper spawning grounds.
Dawn Wilburn, Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
2012-09-08	Stream	P	0	0	0	0	0	Too murky to see fish.
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
Birthday Creek, 317-2008								
2012-07-24	Stream	G	0	0	0	0	200	
Dawn Wilburn, Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
Barbara Creek, 317-2009								
2012-07-24	Stream	G	0	0	0	0	100	Gillnet in river, parallel to beach way up river near cabin.
Dawn Wilburn, Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
2012-09-08	Stream	G	0	0	900	0	0	
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
Red Bluff Creek, 317-204A								
2012-07-24	Stream	G	3	7,100	0	0	0	Zero fish in upper spawning grounds. Fish in lakes are all colored up. 7,000 sockeye in lower lake and 100 sockeye in lower river with three Chinook.
Dawn Wilburn, Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
2012-09-08	Stream	G	0	0	1,200	0	0	
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
Yellow Bluff Creek, 317-204B								
2012-09-08	Stream	G	0	0	0	0	0	Good visibility 0 fish
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	

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Stream	Species							Observer Remarks	
	Date	Location	Visi- bility	Chinook	Sockeye	Coho	Pink		Chum
Meshik River, Mainstem, 317-207A									
2012-06-21	Stream	G	0	4,200	0	0	0	0	One subsistence gillnet is near the village site.
Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
2012-06-25	Stream	P	0	11,000	0	0	0	0	Distance surveyed: mouth to about four miles above Scotty's Island.
Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
2012-06-28	Stream	F	0	13,000	0	0	0	0	Distance surveyed: mouth to above Scotty's Island
Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
2012-07-02	Stream	F	0	33,000	0	0	0	0	Distance surveyed: from bay to about five miles above Scotty's Island. About 10,000 of these fish are in the lower two miles of Landlocked Creek, near mainstem of Meshik River.
Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
2012-07-10	Stream	P	0	0	0	0	0	0	River was the color of chocolate malt - too murky to see fish
Dawn Wilburn, Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
2012-07-24	Stream	G	0	29,700	0	0	1,800	0	Stream Distribution: Between Scotty's Island and Blue Violet there were 8,000 sockeye and 1,200 chum, between Blue Violet and Rainbow Creek saw 3,500 sockeye and 600 chum, Meshik Lake has
Dawn Wilburn, Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
2012-09-08	Stream	G	0	0	53,000	0	0	0	Most coho above Scotty's Island.
Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
Braided Creek, 317-207B									
2012-07-24	Stream	G	12	0	0	0	0	0	
Dawn Wilburn, Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	
2012-09-08	Stream	G	0	0	6,000	0	0	0	Most coho from confluence upriver 3 miles.
Bob Murphy	Mouth	-	0	0	0	0	0	0	
	Bay	-	0	0	0	0	0	0	

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Stream Date Observer	Location	Visi- bility	Species					Observer Remarks
			Chinook	Sockeye	Coho	Pink	Chum	
Landlocked Cr.(Hotsprings Cr.), 317-207C								
2012-07-24	Stream	G	0	6,000	0	0	0	
Dawn Wilburn, Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	20	0	0	0	0	
2012-09-08	Stream	G	0	0	7,500	0	0	
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
Blue Violet, Sleepy And Black Creeks , 317-207E								
2012-07-24	Stream	G	0	800	0	0	0	All sockeye are not very far up river.
Dawn Wilburn, Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
Meshik River, K Creek, 317-207K								
2012-07-24	Stream	G	5	3,000	0	0	0	The sockeye are at confluence and the kings are up river.
Dawn Wilburn, Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
Meshik River, L Creek, 317-207L								
2012-07-24	Stream	G	0	1,000	0	0	0	Stream Distribution: 1,000 sockeye at confluence and zero fish are on the spawning grounds.
Dawn Wilburn, Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
Paddle Creek, 317-207OA								
2012-07-24	Stream	G	1	0	0	0	0	
Dawn Wilburn, Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
Reindeer Creek, 318-1001								
2012-09-08	Stream	G	0	0	1,200	0	2,700	Chums far upriver. Coho in lower river.
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
Mud Creek, 318-2004								
2012-07-24	Stream	G	0	6,000	0	0	0	
Dawn Wilburn, Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
2012-09-08	Stream	G	0	0	27,000	0	0	DISTRIBUTION: Stream A-23,000 coho. Stream B-4,000 coho.
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	

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Stream Date Observer	Location	Visi- bility	Species					Observer Remarks
			Chinook	Sockeye	Coho	Pink	Chum	
Cinder River, Mainstem, 318-206A								
2012-07-24	Stream	G	275	32,500	0	0	2,000	Stream Distribution: between Ray Creek and L Creek - 6,500 sockeye, 100 kings, 200 chums, between L Creek to Lava Creek - 11,000 sockeye, from Lava Creek towards the mouth - 15,000 sockeye, 1,800 chums and 175 kings.
Dawn Wilburn, Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
2012-09-08	Stream	G	0	0	20,000	0	0	
Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
Cinder River, B Creek, 318-206B								
2012-07-24	Stream	G	0	20	0	0	0	Sockeye at confluence.
Dawn Wilburn, Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
Cinder River, C Creek, 318-206C								
2012-07-24	Stream	G	0	200	0	0	0	All sockeye are at the confluence.
Dawn Wilburn, Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
Lava Creek, 318-206D								
2012-07-24	Stream	G	0	29,000	0	0	300	
Dawn Wilburn, Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
High Creek, 318-206E								
2012-07-24	Stream	-	0	2,800	0	0	0	
Dawn Wilburn, Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
Meloy Creek, 318-206H								
2012-07-24	Stream	G	40	4,000	0	0	300	
Dawn Wilburn, Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
Wiggly Creek, 318-206J								
2012-07-24	Stream	G	125	1,500	0	0	200	All sockeye are at confluence.
Dawn Wilburn, Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
Ray Creek, 318-206K								
2012-07-24	Stream	G	0	600	0	0	200	Sockeye and chums are at the confluence and zero fish in creek.
Dawn Wilburn, Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	
Cinder River, L Creek, 318-206L								
2012-07-24	Stream	G	0	0	0	0	0	Zero fish.
Dawn Wilburn, Bob Murphy	Mouth	-	0	0	0	0	0	
	Bay	-	0	0	0	0	0	

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

Appendix A3.—Ilnik River system, 2012, with mouth of Ocean River entering directly to Bering Sea and connecting sloughs.



This photo shows the two sloughs where fish could enter into the Ilnik River system without passing through the weir. The Ocean River has entered directly into the Bering Sea in previous years (2005–2010) and typically ADF&G does aerial surveys to determine escapement. In 2012, however, two sloughs connected Ocean River to other parts of the Ilnik River system, one to Ilnik Lake and one to Willie Creek, a spawning tributary for sockeye salmon. Sockeye salmon could enter into Ocean River at the new mouth on the Bering Sea and turn into one of the sloughs and enter into either the lake or Willie Creek without being counted through the weir. The weir crew at Ilnik River weir installed a tripod weir on the slough connected to Willie Creek in mid-June when counts did not pick up at the Ilnik weir, but the area was not ideal for a traditional weir and tidal fluctuations quickly washed the weir out. ADF&G personnel also attempted to do more aerial surveys in order to monitor escapement. However, inclement weather and poor visibility sometimes prevented surveys from being done, so a DIDSON sonar was installed on the slough to Willie Creek on June 26 and was removed on July 6. The other slough, which only had water in it at high tide, was blocked with weir panels to prevent fish passage.

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Upon initial sonification, it was apparent that there were several thousand sockeye salmon milling around in the slough. Time of day and tide stage seemed to influence fish movement with large groups moving both upstream and downstream at times. Although the sonar was not able to give exact numbers as a result of late deployment and large amounts of milling fish, it did give ADF&G an indication that fish were using the sloughs to enter the Ilnik River system, and as a result the final Ilnik River escapement was determined by a final aerial survey of the spawning grounds.