

**Fishery Management Report No. 05-12**

---

---

**North Alaska Peninsula Commercial Salmon Annual  
Management Report, 2004**

by

**Robert L. Murphy,**

**Philip Tschersich,**

and

**Arnold R. Shaul**

---

---

March 2005

Alaska Department of Fish and Game

Divisions of Sport Fish and Commercial Fisheries





***FISHERY MANAGEMENT REPORT NO. 05-12***

**NORTH ALASKA PENINSULA COMMERCIAL SALMON ANNUAL  
MANAGEMENT REPORT, 2004**

By

Robert L. Murphy,  
Philip Tschersich,  
and

Arnold R. Shaul

*Division of Commercial Fisheries, Kodiak*

Alaska Department of Fish and Game  
Division of Sport Fish, Research and Technical Services  
333 Raspberry Road, Anchorage, Alaska, 99518-1599

March 2005

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

*Robert Murphy,  
Philip Tschersich,  
and  
Arnold Shaul*

*Alaska Department of Fish and Game, Division of Commercial Fisheries,  
211 Mission Road, Kodiak, Alaska 99615, USA*

*This document should be cited as:*

*Murphy, R.L., P. Tschersich, A.R. Shaul. 2005. North Alaska Peninsula Commercial Salmon Annual Management Report, 2004. Alaska Department of Fish and Game, Fishery Management Report No. 05-12, Anchorage.*

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

If you believe you have been discriminated against in any program, activity, or facility, or if you desire further information please write to ADF&G, P.O. Box 25526, Juneau, AK 99802-5526; U.S. Fish and Wildlife Service, 4040 N. Fairfax Drive, Suite 300 Webb, Arlington, VA 22203 or O.E.O., U.S. Department of the Interior, Washington DC 20240.

For information on alternative formats for this and other department publications, please contact the department ADA Coordinator at (voice) 907-465-4120, (TDD) 907-465-3646, or (FAX) 907-465-2440.

# TABLE OF CONTENTS

	<b>Page</b>
LIST OF TABLES.....	ii
LIST OF FIGURES.....	ii
LIST OF APPENDICES.....	iii
ABSTRACT.....	1
INTRODUCTION.....	1
HARVEST BY SPECIES.....	2
Chinook Salmon.....	2
Sockeye Salmon.....	2
Coho Salmon.....	3
Pink Salmon.....	4
Chum Salmon.....	4
ESCAPEMENT BY SPECIES.....	4
Chinook Salmon.....	4
Sockeye Salmon.....	4
Coho Salmon.....	5
Pink Salmon.....	5
Chum Salmon.....	5
ALASKA PENINSULA AND BRISTOL BAY SALMON OVERLAP AREA.....	5
COMMERCIAL SALMON FISHERY SUMMARY, 2004.....	6
Nelson Lagoon Section.....	6
Bear River and Three Hills Sections.....	7
Ilnik Section.....	8
EMERGENCY ORDERS.....	9
REFERENCES CITED.....	10
TABLES AND FIGURES.....	11
APPENDIX A. NORTH ALASKA PENINSULA AERIAL SALMON SURVEYS, 2004.....	91
APPENDIX B. BEAR RIVER TEST FISHERY.....	117

## LIST OF TABLES

<b>Table</b>	<b>Page</b>
1. North Peninsula salmon runs by species, 1962-2004.....	12
2. North Peninsula salmon harvest by species, week, and section, all gear combined, 2004.....	16
3. Northern District Chinook salmon runs by section, 1962-2004.....	21
4. North Peninsula salmon harvest by district, statistical area, and section, 2004.....	24
5. Uria Bay Section salmon harvest by species and day, 2004.....	25
6. Northwestern District sockeye salmon runs (number of fish), 1962-2004.....	26
7. Nelson Lagoon Section salmon harvest by species and day, 2004.....	30
8. Bear River Section salmon harvest by species and day, 2004.....	32
9. Northern District sockeye salmon runs (number of fish), 1962-2004.....	34
10. Three Hills Section salmon harvest by species and day, 2004.....	40
11. Ilnik Section salmon harvest by species and day, 2004.....	41
12. Port Moller Bight, Bear River, Three Hills, and Ilnik Sections combined salmon harvest by species and day, 2004.....	42
13. North Peninsula salmon harvest by species and day, 2004.....	44
14. North Peninsula coho salmon harvest (number of fish) by district and section, 1994-2004.....	46
15. Northwestern District pink salmon runs (number of fish), 1962-2004.....	47
16. Northern District chum salmon runs (number of fish), 1962-2004.....	51
17. Northwestern District chum salmon runs (number of fish), 1962-2004.....	57
18. Chinook, pink, and chum salmon daily and cumulative escapement counts through the Nelson River weir, 2004.....	61
19. Chinook, pink, and chum salmon daily and cumulative escapement counts through the Bear River weir, 2004.....	63
20. Chinook, pink, and chum salmon daily and cumulative escapement counts through the Sandy River weir, 2004.....	65
21. Chinook, pink, and chum salmon daily and cumulative escapement counts through the Ilnik River weir, 2004.....	66
22. Sockeye salmon daily and cumulative escapement counts through the Nelson River weir, 2004.....	67
23. Sockeye salmon daily and cumulative escapement counts through the Bear River weir, 2004.....	69
24. Sockeye salmon daily and cumulative escapement counts through the Sandy River weir, 2004.....	71
25. Sockeye salmon daily and cumulative escapement counts through the Ilnik River weir, 2004.....	73
26. Historical North Peninsula sockeye salmon escapements of weired salmon systems, 1986-2004.....	75
27. Emergency order summary for the North Peninsula salmon fishery, 2004.....	76

## LIST OF FIGURES

<b>Figure</b>	<b>Page</b>
1. Alaska Peninsula with North Peninsula commercial salmon fishing districts depicted.....	82
2. Nelson Lagoon to Strogonof Point reach, with commercial salmon fishing sections, season opening dates, and major sockeye salmon systems depicted.....	83
3. North Peninsula commercial sockeye salmon harvest, 1962-2004.....	84
4. Nelson Lagoon commercial sockeye salmon harvest, 1983-2004.....	85
5. Nelson Lagoon commercial sockeye salmon harvest by week, 2004.....	86
6. Port Moller Bight, Bear River, Three Hills, and Ilnik Sections commercial sockeye salmon harvest, 1982-2004.....	87
7. Port Moller to Strogonof Point reach sockeye salmon catch by week, 2004.....	88
8. North Peninsula indexed sockeye salmon escapement, 1962-2004.....	89
9. Alaska Peninsula (Area M) and Bristol Bay (Area T) commercial salmon fishing overlap areas.....	90

## LIST OF APPENDICES

Appendix	Page
A1. North Alaska Peninsula aerial salmon surveys, 2004.....	92
B1. North Bear River test fishery results for August 3, 2004.....	118
B2. South Bear River test fishery results for August 3, 2004.....	120
B3. North Bear River test fishery results for August 4, 2004.....	122
B4. South Bear River test fishery results for August 4, 2004.....	124
B5. North Bear River test fishery results for August 5, 2004.....	126
B6. South Bear River test fishery results for August 5, 2004.....	128
B7. North Bear River test fishery results for August 7, 2004.....	130
B8. South Bear River test fishery results for August 7, 2004.....	132
B9. North Bear River test fishery results for August 10, 2004.....	135
B10. South Bear River test fishery results for August 10, 2004.....	137
B11. North Bear River test fishery results for August 15, 2004.....	139
B12. South Bear River test fishery results for August 15, 2004.....	142
B13. Summary of 2004 Bear River test fishery results.....	144



## ABSTRACT

This report summarizes the 2004 season and historical information concerning management of the commercial salmon fisheries of the Northwestern and Northern Districts of Area M. Most commercial salmon fishery effort in the North Alaska Peninsula targeted sockeye salmon *Oncorhynchus nerka* runs in 2004. The commercial salmon harvest on the North Peninsula included 10,402 Chinook *O. tshawytscha*, 2,433,778 sockeye, 33,920 coho *O. kisutch*, 15,828 pink *O. gorbuscha* and 14,958 chum *O. keta* salmon. This compares to a preseason harvest projection of 5,000 Chinook, 1,750,000 sockeye, 50,000 coho, 30,000 pink, and 75,000 chum salmon. Sockeye salmon harvests were larger than expected in all directed sockeye salmon fisheries and the sockeye salmon return to the Nelson River system was the largest on record. Sockeye and coho salmon runs in the Cinder River drainage were lightly exploited. Chinook salmon returns in all North Peninsula streams were strong but there was no effort directly targeting these runs. Most of the chum salmon harvest that occurred was incidental to sockeye salmon fisheries in the Northwestern District and in the Port Moller area. A total of 143 Area M and 1 Area T permit holder participated during the 2004 season in North Peninsula commercial salmon fisheries, making 4,264 deliveries.

All major North Peninsula sockeye salmon producing systems except for the Sandy River achieved their escapement goals in 2004. Total sockeye salmon escapement for North Peninsula streams during 2004 was 1,433,827 fish including; 91,830 in Uruia Bay, 515,397 in Nelson River (including David and Caribou Rivers), 435,000 in Bear River, 32,000 in Sandy River, 82,000 in Ilnik River, 58,050 in the Cinder River, and 103,700 in river systems draining into Port Heiden Bay (of which 82,200 were in the Meshik River).

Key words: North Alaska Peninsula, Area M, Northern District, Northwestern District, commercial fisheries, salmon harvest, salmon escapement.

## INTRODUCTION

The Alaska Peninsula Salmon Management Area includes the South Peninsula from Kupreanof Point west to Scotch Cap, and the North Peninsula from Cape Sarichef east to Cape Menshikof (Figure 1). This report summarizes the 2004 season and historical information concerning the commercial salmon fisheries that occur on the North Alaska Peninsula. The North Peninsula contains two districts; the Northwestern District, including all waters between Cape Sarichef and Moffet Point, and the Northern District, including all waters between Moffet Point and Cape Menshikof (Figure 1). The Nelson Lagoon to Strogonof Point reach is the primary sockeye salmon harvest area on the North Peninsula, and includes most of the Northern District (Figure 2). Within the Nelson Lagoon to Strogonof Point reach are the Nelson Lagoon, Herendeen-Moller Bay, Port Moller Bight, Bear River, Three Hills, and Ilnik Sections. Smaller directed commercial salmon fisheries occur in other areas of the North Peninsula.

Legal gear types in the Northwestern District are purse seine, hand purse seine, and drift and set gillnet (5AAC 09.330). By regulation, Northern District commercial salmon fishing is permitted with purse seine, and drift and set gillnet gear; however, within-section gear restrictions exist. The Nelson Lagoon Section is open to drift and set gillnet gear only; the Herendeen-Moller Bay and Port Moller Bight Sections are open to seine, and drift and set gillnet gear; and the Bear River Section is open to seine and drift gillnet gear. The Three Hills Section is open to drift gillnet gear only. The Ilnik, Inner Port Heiden, and Cinder River Sections are open to set and drift gillnet gear.

The commercial salmon season opens by regulation in most of the Northwestern District on June 1 and in most of the Northern District on May 1 (Figure 2; 5AAC 09.310). The Nelson Lagoon and Bear River Sections may open to commercial salmon fishing on May 1. The Three Hills Section may open on June 25.

In February 2004, the Alaska Board of Fisheries (BOF) adopted new regulations for commercial salmon fishing in the Ilnik Section (5AAC 09.369). Fishing is allowed beginning June 25 in that portion of the Ilnik Section southwest of Unangashak Bluffs if sockeye salmon *Oncorhynchus nerka* escapement meets or exceeds interim escapement objectives in the Ilnik River. In that portion of the Ilnik Section between Unangashak Bluffs and Strogonof Point, fishing is permitted beginning on June 25 if escapement in the Meshik and Ilnik Rivers meets or exceeds interim escapement objectives. Management action may also be taken in the Ilnik Section for conservation of Ugashik River sockeye salmon if that portion of the Egegik District specified in 5 AAC 06.359c is closed in the Bristol Bay Management Area.

While the earliest opening dates are established by regulation, actual fishing time in North Peninsula fisheries is based on inseason evaluation of local stock abundance and escapement objectives. Sockeye salmon are the primary species targeted for harvest in these waters, and Nelson and Bear Rivers are the dominant systems. During June 1 through September 15, within the Nelson Lagoon to Strogonof Point area, management emphasis is on four sockeye systems: Nelson, Bear, Sandy, and Ilnik Rivers (Murphy and Shaul 2004). The Alaska Department of Fish and Game (ADF&G) operates weir camps at Nelson, Bear, Sandy, and Ilnik Rivers that provide daily escapement counts used to manage commercial fisheries.

Local sockeye salmon stocks are abundant from Nelson Lagoon to Strogonof Point from June through September. The Nelson River sockeye salmon run begins in early June, peaks in early July, and is over by mid-August (Duesterloh *in press*). Bear River supports two genetically distinct runs: an early run that begins in early June, peaks in early July, and ends in late July; and a late run that starts in late July, peaks in mid-August, and ends in September (Ramstad 1998). The Sandy River run commences in mid-June, peaks in late June or early July, and ends in late July, while the Ilnik River run timing closely parallels the Bear River early run.

## **HARVEST BY SPECIES**

### **CHINOOK SALMON**

The 2004 North Peninsula commercial Chinook salmon *O. tshawytscha* harvest of 10,402 fish was above the recent 10-year (1994-2003) average of 6,887 fish (Table 1). The highest weekly harvest on the North Peninsula occurred between June 14 and June 20 when 4,067 Chinook salmon were caught (Table 2). The Bear River Section Chinook salmon catch of 5,429 fish was the largest of any section in the North Peninsula Area during 2004 (Table 3).

### **SOCKEYE SALMON**

The 2004 North Peninsula sockeye salmon harvest of 2,433,778 fish was above the 1994-2003 average harvest of 1,899,857 fish and the 1984-2003 average harvest of 2,128,367 fish (Table 1; Figure 3). The harvest was 52 percent above the preseason projected harvest of 1,600,000 sockeye salmon (Murphy and Shaul 2004). Most of the 2004 North Peninsula sockeye salmon harvest occurred in the Nelson Lagoon to Strogonof Point reach which includes the Nelson Lagoon, Bear River, Three Hills, and Ilnik Sections (Table 4).

In 2004 the sockeye salmon catch in Urilia Bay Section was 71,305 fish (Table 4), which was the largest harvest in the Northwestern District. A total of six permit holders participated in the Urilia Bay Section fishery with the first delivery occurring on June 15 and the last on July 29 (Table 5).

The 2004 sockeye salmon harvest in the Northwestern District of 98,419 fish was well above the 1994-2003 average harvest of 65,072 sockeye salmon (Table 6).

In 2004, 43 permit holders participated in the Nelson Lagoon fishery with the largest daily harvest of 28,679 sockeye salmon occurring on July 5 (Table 7). The 2004 Nelson Lagoon sockeye salmon harvest was 527,637 fish (Table 4), which was 72 percent above the 1994-2003 average harvest of 307,315 fish (Figure 4). The largest weekly harvest in Nelson Lagoon occurred between July 5 and July 11 with a catch of 154,509 fish (Table 2; Figure 5).

The sockeye salmon harvest in the Port Moller to Cape Seniavin reach, which includes the Port Moller Bight and Bear River Sections, was 611,147 fish (Table 2), which was below the 1994-2003 average harvest of 672,920 fish, but above the 1999-2003 average harvest of 529,491 fish (Figure 6). The largest weekly harvest of 181,168 sockeye salmon occurred between June 21 and June 27 (Table 2). The largest daily harvest in the Bear River Section was on June 23 with a catch of 45,274 fish (Table 8).

In the Cape Seniavin to Strogonof Point reach, which includes the Three Hills and Ilnik Sections, 1,178,971 sockeye salmon were harvested during 2004, of which 63,935 fish were taken in the Three Hills Section and 1,115,036 fish were taken in the Ilnik Section (Table 9; Figure 6). The largest weekly harvest in the Cape Seniavin to Strogonof Point reach occurred between July 5 and July 11 with 449,090 sockeye salmon harvested (Table 2; Figure 7). The peak daily catch in the Three Hills Section occurred on June 25 (7,740 sockeye salmon; Table 10) and in the Ilnik Section on June 30 (94,516 sockeye salmon; Table 11).

In the Port Moller to Strogonof Point reach, which includes the Port Moller Bight, Bear River, Three Hills, and Ilnik Sections, the total catch was 1,790,118 sockeye salmon (Table 2). The highest weekly harvest of 561,281 sockeye salmon occurred during the period July 5 to July 11 (Table 2). The largest daily harvest of 111,526 sockeye salmon occurred June 25 (Table 12).

The total sockeye salmon harvest for the entire North Peninsula was 2,433,778 fish. The highest weekly harvest was 727,520 fish between July 5 and July 11 (Table 2) and the peak daily harvest was 139,199 on June 30 (Table 13).

From 1994-2003, the sockeye salmon harvest in the Port Moller to Strogonof Point reach has been about evenly split between the areas of Port Moller to Cape Seniavin and Cape Seniavin to Strogonof Point (Figure 6). In 2004, roughly one-third of the harvest occurred between Port Moller and Cape Seniavin while the remaining two-thirds was taken northeast of Cape Seniavin in the Three Hills and Ilnik Sections (Figure 6).

## **COHO SALMON**

The 2004 North Peninsula coho salmon *O. kisutch* harvest was 33,920 fish, which was about one-third of the 1994-2003 average harvest of 100,598 fish (Tables 1 and 14). The largest coho salmon harvest occurred in the Nelson Lagoon fishery (Table 4). Coho salmon catches increased to more than 1,000 fish per day for the first time all season in the North Peninsula fishery on August 16 (Table 13) and the largest daily harvest occurred on August 30 with 7,169 coho salmon caught. Due to low processor interest and depressed market conditions, little effort targeting coho salmon occurred in 2004.

## **PINK SALMON**

The 2004 North Peninsula pink salmon *O. gorbuscha* harvest was 15,828 fish, which was about one-third of the 1994-2003 average of 46,913 fish (Table 1). The pink salmon harvest in the Northwestern District in 2004 was 11,434 salmon, less than half the 1994-2003 average harvest of 24,166 fish (Table 15). In the Northern District, pink salmon are usually caught incidentally during sockeye salmon fisheries.

## **CHUM SALMON**

The 2004 North Peninsula chum salmon *O. keta* harvest was 14,958 fish, which was less than one-fifth the 1994-2003 average harvest of 82,618 fish (Table 1). In the Northern District, the chum salmon harvest of 8,480 fish was well below the 1994-2003 average of 48,311 fish (Table 16). The Herendeen-Moller Bay Section and Port Moller Bight Section saw no chum salmon harvested, compared to the recent 10-year average of 2,246 fish (Table 16). In the Northwestern District, the chum salmon catch of 6,478 fish in 2004 was less than one-fifth of the recent 10-year average of 34,307 fish (Table 17). In 2004, most of the chum salmon harvest in the Northern District was taken incidentally during sockeye salmon fisheries.

## **ESCAPEMENT BY SPECIES**

### **CHINOOK SALMON**

The 2004 North Peninsula indexed total Chinook salmon escapement was 30,874 fish, which was above the 1994-2003 average of 18,678 fish (Table 1). Chinook salmon escapement was estimated at Nelson River using both weir and aerial survey counts. The 2004 Nelson River weir Chinook salmon escapement was 6,282 fish (Table 18), while the entire Nelson River drainage Chinook escapement was an estimated 7,759 fish. Nelson River is the only river on the North Peninsula with a Chinook salmon escapement goal (2,400 to 4,400 fish). The combined King Salmon, Bear, and Sandy Rivers (Bear River Section) indexed Chinook salmon escapement was 7,400 fish, which was well above the 1994-2003 average of 2,860 fish (Table 3). Bear and Sandy River weir counts (Tables 19 and 20) did not accurately reflect the total escapement of Chinook salmon because most of the fish spawn below the weir sites or in other downstream tributaries. Only 16 Chinook salmon passed the Ilnik River weir in 2004 (Table 21).

### **SOCKEYE SALMON**

The 2004 North Peninsula indexed total sockeye salmon escapement of 1,433,827 fish, which included weir and aerial survey counts (Figure 8), was above the 1994-2003 average indexed escapement of 979,611 fish (Table 1). The North Peninsula escapement goal range is 523,400-933,800 sockeye salmon total for those streams that have established goals (Nelson et al. *in prep*). The sockeye salmon escapement goals for major North Peninsula systems are: 97,000-249,000 fish in Nelson River; 265,000-455,000 fish in Bear River (combined early and late runs); 40,000-60,000 fish in Sandy River; and 40,000-60,000 fish in Ilnik River (Murphy and Shaul 2004). The 2004 sockeye salmon escapement, including postweir estimates, were: 480,097 fish in Nelson River, 435,000 fish in Bear River, 32,000 fish in Sandy River, and 82,000 fish in Ilnik River (Tables 22-25). In 2004, all major sockeye systems met or exceeded their respective escapement goals and were above the previous 10-year average except Sandy River (Table 26). The peak daily escapement occurred at the Nelson River weir on July 10 (43,244 fish; Table 22) and on July 8 at Bear River (54,867 fish; Table 23). The Sandy River peak daily escapement

occurred on July 18 (1,295 fish; Table 24). The peak daily escapement at Ilnik River occurred on June 16 (5,050 fish; Table 25).

### **COHO SALMON**

The North Peninsula coho salmon run in 2004 was strong. The bulk of the run escaped due to low exvessel prices and lack of processor interest in purchasing coho salmon. Only the Nelson River system on the North Peninsula has a coho salmon peak escapement goal, which is 18,000 fish (Nelson et al. *in prep*). This goal was exceeded in 2004 with a peak escapement estimate of 52,500 fish (Appendix A). The peak escapements of other systems surveyed for coho salmon that do not have escapement goals were: Meshik River 135,000 fish, Mud Creek 21,500 fish, Cinder River 27,500 fish, the Ilnik Lagoon system 40,000 fish, Whaleback Mountain Creek 30,000 fish, and the Joshua Green River 122,000 fish (Appendix A). In total, approximately 520,400 coho salmon were counted in 35 North Peninsula streams during 2004. This escapement figure is lower than the indexed total escapement because some streams were not surveyed, and no effort was made to estimate total fish entering the streams at times other than during peak abundance.

### **PINK SALMON**

The 2004 North Peninsula indexed total pink salmon escapement was 122,000 fish (Table 1). The North Peninsula pink salmon escapement goal is based solely on the escapement in the Bechevin Bay Section. The even-year goal of 33,200 to 66,400 fish (Nelson et al. *in prep*) was exceeded with 84,300 pink salmon escaping in the Bechevin Bay Section in 2004 (Table 15). Even-year pink salmon escapements are typically considerably larger than odd-year escapements. For even-numbered years between 1994 through 2002, the entire North Peninsula escapement averaged 185,320 pink salmon, and escapements ranged from 24,900 fish in 2002 to 382,600 fish in 1996 (Table 1).

### **CHUM SALMON**

The 2004 North Peninsula indexed total chum salmon escapement was 434,950 fish (Table 1), which falls in the middle of the escapement goal range of 343,200 to 686,400 fish (Nelson et al. *in prep*). Northern District chum salmon escapement goal (119,600 to 239,200 fish; Nelson et al. *in prep*) was met with 139,350 fish, the majority of that escapement occurring in the Herendeen-Moller Bay Section (72,850 fish; Table 16). The Northwestern District system chum salmon escapement goal (100,000 to 215,000 fish; Nelson et al. *in prep*) was exceeded with 295,600 fish, the majority of that escapement occurring in the Izembek-Moffet Bay streams (252,200 fish; Table 17).

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

The Alaska Peninsula (Area M) and Bristol Bay (Area T) overlap area consists of the Cinder River Section, Inner Port Heiden Section, and Ilnik Lagoon (Figure 9; 5 AAC 39.120). 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 and coho 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 (and occasionally small numbers of sockeye salmon).

Since 1985, most effort in the Cinder River Section has been from Area T permit holders. Except during July, Area T permit holders are allowed to fish 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 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). In 2004, no commercial fishing effort occurred in the Inner Port Heiden Section because of poor market conditions for Chinook and coho salmon. In the Cinder River Section, one Area T permit holder made limited deliveries during 2004.

## **COMMERCIAL SALMON FISHERY SUMMARY, 2004**

The majority of the North Peninsula commercial fishing effort on sockeye salmon occurred in the Nelson Lagoon, Bear River, Three Hills, and Ilnik Sections. The season in the Port Moller to Strogonof Point reach resulted in above average harvests during June and July, but very poor fishing in August and September. The Nelson Lagoon sockeye salmon run was the largest on record. The late Bear River sockeye salmon run was the worst on record. The total North Peninsula harvest of 2,433,778 sockeye salmon was above the preseason projected harvest of approximately 1.75 million sockeye salmon as well as the recent 10-year average (2,136,873; Table 1).

### **NELSON LAGOON SECTION**

In 2004, the first sockeye salmon harvest in the Nelson Lagoon Section occurred on June 7 (Table 7), although tender service was not available until June 14. In response to development of a strong run and relatively low harvest effort, almost continuous fishing (46 out of 48 days) was allowed from June 14 until July 31. The peak daily catch was on July 5 when 28,679 sockeye salmon were harvested (Table 7). Despite the Nelson River interim escapement objectives being exceeded throughout the run, it was necessary to have closed periods (on June 20 and June 27) to allow sufficient female sockeye salmon to escape. The Nelson Lagoon set gillnet fishery has a strong tendency to catch a high percentage of female salmon. The total sockeye salmon escapement counted through the Nelson River weir was 466,174 fish (Table 26), the largest escapement on record. The estimated postweir escapement included an additional 13,923 sockeye salmon, for a total escapement of 480,097 sockeye salmon (Table 22) which exceeded the 97,000-249,000 (Nelson et al. *in prep*) fish season goal. The sockeye salmon harvest in Nelson Lagoon during 2004 was 527,637 fish (Table 7), the second largest on record. The harvest would have been even greater but the fleet was put on daily harvest limits due to the processing capacity being exceeded.

From late July into August, management of the Nelson Lagoon Section was based on late sockeye salmon stocks believed to be mostly destined to the Southwest Lakes and other lakes draining into the David's River. Late season sockeye salmon runs were small but extensions in fishing time were allowed due to decreased fishing effort. The 2004 David's River sockeye salmon escapement (including Southwest Lakes) was estimated to be at least 5,300 fish, based on a peak aerial survey estimate of 3,300 fish (Appendix A).

After August 15, the Nelson Lagoon Section was managed based on coho salmon run strength. The Nelson Lagoon coho salmon harvest was 29,879 fish (Table 7), which was the largest harvest in any North Peninsula section during 2004. In recent years, the lack of coho salmon markets has reduced the coho salmon harvest in many areas of the North Peninsula, including the Nelson Lagoon Section.

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

In 2004, the first delivery occurred in the Bear River Section on June 1 (Table 8). Catches and effort from early to mid-June were low because most of the drift gillnet fleet was participating in the South Unimak Fishery. Weekly fishing periods from 6:00 AM Monday to 6:00 PM Wednesday were in effect prior to June 13. During the period of June 14-20, 26 permit holders participated in the Bear River Section fishery. From June 20 until further notice, that portion of the Bear River Section, located from the Bear River church to the Sandy River Bluffs at 160° 19.636' W. long., was closed to commercial salmon fishing over concern for sockeye salmon bound for Sandy River. On June 20, the Sandy River cumulative escapement was 2,149 sockeye salmon and daily escapement rates were slow, but increasing slightly (Table 24). The June 20 interim escapement objective at Sandy River (2,000-3,000 sockeye salmon) was met, yet there was concern that the run would be weak, as it has been over the last several years.

On June 21, 17,513 sockeye salmon passed the Bear River weir (Table 23), causing the June 25 interim escapement objective of 30,000-55,000 sockeye salmon to be exceeded by over 13,000 fish. The Three Hills Section opened to commercial salmon fishing by regulation for the first time on June 25. Based on the strong escapement counts at Bear River and the inability to achieve escapement objectives after June 20 at Sandy River, a large portion of the Bear River Section was closed for the duration of the Sandy River sockeye salmon run. That portion of the Bear River Section located northeast of the Sandy River Bluffs to Cape Seniavin was closed to commercial salmon fishing from June 27 until the end of the Sandy River sockeye salmon run. The Three Hills Section was also closed due to concern for Sandy River sockeye salmon escapement on July 4 and reopened on July 20. Through July 15, the sockeye salmon escapement at Bear River was 292,961 fish (Table 23), exceeding the interim goal of 130,000-230,000 sockeye salmon. Due to processing limitations and strong catches, effective on July 5 through July 14, the fleet in the Bear River, Three Hills, and Ilnik Sections did not harvest as many salmon as it was capable of. Limits were 7,000 pounds for refrigerated-sea-water (RSW) vessels and 5,000 pounds for non-RSW vessels. Although limits were in effect until July 14, after July 10 catches started to decrease and limits were not needed.

The Bear River and Three Hills Sections were closed from July 31 to August 25 to achieve the late-run escapement objective from August 1 to August 25 of 85,000-165,000 sockeye salmon. Escapement rates were slow through this period and test fishing (Appendix B.1-B.12), which occurred on six days, showed little sign of any significant build-up of sockeye salmon. No fishery was permitted until August 25. The August 1 to August 25 sockeye salmon escapement at Bear River was 76,144 fish, slightly below the escapement objective for this period. The Bear River and Three Hills Sections were opened to commercial salmon fishing on August 25 with a large closed water area, extending from the southern 1,000 yard regulatory marker at Bear River to the 2,000 yard northern regulatory marker at Sandy River, to provide some protection for the later portion of the Bear River run. Catches during this time were extremely small and, within a few days, effort decreased from 22 vessels to fewer than six. The late Bear River run was

forecasted to produce a harvest of 531,000 sockeye salmon (Plotnick and Eggers 2004). The actual harvest of less than 10,000 sockeye salmon was the worst run on record.

The Bear River weir was removed as scheduled on August 25. The cumulative Bear River sockeye salmon escapement through the weir was 430,699 fish, meeting the in-season (June 1 to August 25) escapement goal of 265,000-455,000 fish (Table 23; Murphy and Shaul 2004). The final Bear River escapement, which includes a postweir estimate, was 435,000 sockeye salmon, meeting the total escapement goal of 292,000-487,000 fish (Nelson et al. *in prep*). The Sandy River weir washed out on July 20, about 5 days before it was scheduled to be removed for the season. The total escapement through Sandy River on July 20 was 14,459 sockeye salmon (Table 24). Spawning ground aerial surveys estimated 32,000 sockeye salmon within the Sandy River drainage (Appendix A). The escapement goal at Sandy River of 40,00-60,000 sockeye salmon was not met even with substantial closures in effect from June 20 to July 20.

## **ILNIK SECTION**

Regulations adopted by the BOF in 2004 allow the Ilnik Section to open to commercial salmon fishing on June 25 based on escapement levels at Meshik and Ilnik Rivers (5 AAC 09.369). In the Ilnik Section from July 5 through July 20, time and area closures may be implemented if there are concerns for Ugashik River sockeye salmon stocks (5 AAC 09.369 (j)(2)(A)). During the 2004 season, management of that portion of the Ilnik Section northeast of Unangashak Bluffs was based on the Ilnik River weir escapement, and Meshik River sockeye salmon escapement was determined from aerial surveys. In that portion of the Ilnik Section southwest of Unangashak Bluffs, management actions were based on Ilnik River sockeye salmon escapement levels.

That portion of the Ilnik Section northeast of Unangashak Bluffs to Strogonof Point opened to commercial salmon fishing on Monday, June 28 for 2 ½ days. During each subsequent week, the fishery was open for 2 ½ days per week because it was unknown what impact this fishery would have on the Meshik River sockeye salmon escapement. By June 25, a total of 55,504 sockeye salmon had passed the Ilnik weir, exceeding the June 25 interim escapement goal of 15,000-25,000 fish, and actually meeting the season ending escapement goal of 40,000-60,000 (Table 25). That portion of the Ilnik Section southwest of Unangashak Bluffs opened to commercial salmon fishing on June 25 due to this strong early run. The Ilnik Section sockeye salmon harvest for 2004 was 1,115,036 fish (Table 4). Within the Ilnik Section, 446,146 sockeye salmon were harvested northeast of Unangashak Bluffs, while 668,890 sockeye were harvested southwest of Unangashak Bluffs. The largest daily harvest in the Ilnik Section occurred on June 30 when 94,516 sockeye salmon were caught (Table 11).

Openings and closures in the Ilnik Sections after July 15 through mid August were based on Bear River sockeye salmon stocks, and coincided with openings in the Bear River and Three Hills Sections.

After mid-August, the Ilnik Section is normally managed on the basis of Ilnik Lagoon coho salmon stocks (Murphy and Shaul 2004). However, the late sockeye salmon escapement at Bear River was very poor, even with the Bear River and Three Hills Sections closed between August 1 and August 25. Consequently, the Ilnik Section remained closed from August 1 to August 25 for the conservation of Bear River bound fish. When the Bear River, Three Hills, and Ilnik Section reopened to commercial salmon fishing on August 25, little effort occurred in the Ilnik Section. As a result, 2004 coho salmon harvests in the Ilnik Section were the lowest seen in

recent years. No directed coho salmon fishery occurred this year in Ilnik Lagoon. The last reported landing in the Ilnik Section was on July 31 (Table 11).

## **EMERGENCY ORDERS**

In 2004 the first emergency order for the North Peninsula was issued on June 9 and the last on September 1. In 2004, there were a total of 50 emergency orders issued concerning North Peninsula salmon fisheries (Table 27).

## REFERENCES CITED

- ADF&G (Alaska Department of Fish and Game). 2004. 2004-2006 Bristol Bay, Alaska Peninsula, Atka-Amlia, and Aleutian Islands Areas Commercial Fishing Regulations. Alaska Department of Fish and Game, Division of Commercial Fisheries, Juneau.
- Bouwens, K.A., M.B. Foster, and R.L. Murphy. 2004. Alaska Peninsula and Aleutian Islands Management Areas Salmon Escapement and Catch Sampling Results, 2003. Alaska Department of Fish and Game, Division of Commercial Fisheries, Regional Information Report 4K04-28, Kodiak.
- Duesterloh, S. *In Press*. Chignik, Alaska Peninsula, and Aleutian Islands Management Areas Salmon Daily and Cumulative Escapement Counts for River Systems With Weirs, 1994-2004. Alaska Department of Fish and Game, Division of Commercial Fisheries, Regional Information Report 4K05-3, Kodiak.
- Murphy R. L. and A. S. Shaul. 2004. North Alaska Peninsula Salmon Management Plan, 2004. Alaska Department of Fish and Game, Division of Commercial Fisheries, Regional Information Report 4K04-13, Kodiak.
- Nelson P.A., J.J. Hasbrouck, M.J. Witteveen, K.A. Bouwens and I. Vining. *In prep*. Review of Salmon Escapement Goals in the Alaska Peninsula and Aleutian Islands Management Areas. Alaska Department of Fish and Game, Division of Commercial Fisheries, Fishery Data Series, Kodiak.
- Plotnick, M. and Eggers, D.M. 2004. Run Forecasts and Harvest Projections for 2004 Alaska Salmon Fisheries and Review of the 2003 Season. Alaska Department of Fish and Game, Division of Commercial Fisheries, Regional Information Report 4J04-01, Juneau.
- Ramstad, K. 1998. Morphological, life history, and genetic comparison of early and late run sockeye salmon (*Oncorhynchus nerka*) of Bear Lake, Alaska. M.S. thesis. Univ. Washington.

## **TABLES AND FIGURES**

**Table 1.-North Peninsula salmon runs by species, 1962-2004.**

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

-continued-

**Table 1.-Page 2 of 4.**

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

-continued-

**Table 1.-Page 3 of 4.**

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

-continued-

**Table 1.-Page 4 of 4.**

Year		Number of Salmon					Total
		Chinook	Sockeye	Coho	Pink	Chum	
2000	Catch	3,904	1,968,882	83,655	34,373	93,696	2,184,510
	Escapement <sup>a</sup>	9,600	927,200		70,900	594,700	
	Total	13,504	2,896,082		105,273	688,396	
2001	Catch	4,412	1,147,030	22,162	12,469	174,523	1,360,596
	Escapement <sup>a</sup>	13,300	875,400		24,300	692,700	
	Total	17,712	2,022,430		36,769	867,223	
2002	Catch	3,852	1,415,872	28,751	21,461	51,040	1,520,976
	Escapement <sup>a</sup>	18,900	894,500		24,900	679,900	
	Total	22,752	2,310,372		46,361	730,940	
2003	Catch	4,545	1,477,391	53,137	18,624	38,755	1,592,452
	Escapement <sup>a</sup>	11,078	1,231,411		20,000	450,660	
	Total	15,623	2,708,802		38,624	489,415	
2004	Catch	10,402	2,433,778	33,920	15,828	14,958	2,508,886
	Escapement <sup>a</sup>	30,874	1,433,827		122,000	434,950	
	Total	41,276	3,867,605		137,828	449,908	
1994-2003 Average							
	Catch	6,887	1,899,857	100,598	74,160 <sup>d</sup>	82,618	2,136,873
	Escapement <sup>a</sup>	18,678	979,611		182,320 <sup>d</sup>	626,156	
	Total	25,565	2,879,468		256,480 <sup>d</sup>	708,774	

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

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

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

<sup>d</sup> Averages for pink salmon include only the even-numbered years 1994, 1996, 1998, 2000, and 2002.

**Table 2.-North Peninsula salmon harvest by species, week, and section, all gear combined, 2004.**

Catch Dates	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
<b><i>Urilia Bay Section</i></b>												
Jun 14-Jun 20	a	a	a	a	a	a	a	a	a	a	a	a
Jun 21-Jun 27	a	a	a	a	a	a	a	a	a	a	a	a
Jun 28-Jul 04	5	14	0	0	23,202	125,245	0	0	0	0	0	0
Jul 05-Jul 11	a	a	a	a	a	a	a	a	a	a	a	a
Jul 12-Jul 18	a	a	a	a	a	a	a	a	a	a	a	a
Jul 19-Jul 25	a	a	a	a	a	a	a	a	a	a	a	a
Jul 26-Aug 01	a	a	a	a	a	a	a	a	a	a	a	a
<b>Total</b>	<b>6</b>	<b>33</b>	<b>2</b>	<b>48</b>	<b>71,305</b>	<b>382,516</b>	<b>0</b>	<b>0</b>	<b>366</b>	<b>1,220</b>	<b>536</b>	<b>3,729</b>
<b><i>Swanson Lagoon Section</i></b>												
Jul 26-Aug 01	a	a	a	a	a	a	a	a	a	a	a	a
Aug 02-Aug 08	a	a	a	a	a	a	a	a	a	a	a	a
<b>Total</b>	<b>a</b>	<b>a</b>	<b>a</b>	<b>a</b>	<b>a</b>	<b>a</b>	<b>a</b>	<b>a</b>	<b>a</b>	<b>a</b>	<b>a</b>	<b>a</b>
<b><i>Bechevin Bay Section</i></b>												
Jul 26-Aug 01	a	a	a	a	a	a	a	a	a	a	a	a
<b>Total</b>	<b>a</b>	<b>a</b>	<b>a</b>	<b>a</b>	<b>a</b>	<b>a</b>	<b>a</b>	<b>a</b>	<b>a</b>	<b>a</b>	<b>a</b>	<b>a</b>
<b><i>Izembek-Moffet Bay Section</i></b>												
Jul 19-Jul 25	a	a	a	a	a	a	a	a	a	a	a	a
Jul 26-Aug 01	4	5	0	0	6,816	38,362	0	0	1,181	4,145	334	2,356
Aug 02-Aug 08	a	a	a	a	a	a	a	a	a	a	a	a
Aug 09-Aug 15	a	a	a	a	a	a	a	a	a	a	a	a
<b>Total</b>	<b>4</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>23,629</b>	<b>128,185</b>	<b>15</b>	<b>97</b>	<b>1,328</b>	<b>4,616</b>	<b>5,353</b>	<b>38,045</b>

-continued-

Table 2.-Page 2 of 5.

Catch Dates	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
<b><i>Black Hills Section</i></b>												
Jul 12-Jul 18	a	a	a	a	a	a	a	a	a	a	a	a
Jul 19-Jul 25	a	a	a	a	a	a	a	a	a	a	a	a
Jul 26-Aug 01	a	a	a	a	a	a	a	a	a	a	a	a
Aug 02-Aug 08	5	15	1	15	5,524	29,156	75	330	34	102	219	1,684
Aug 09-Aug 15	5	7	0	0	2,791	14,816	13	90	0	0	70	546
Aug 16-Aug 22	4	8	0	0	2,383	13,825	258	1,815	0	0	329	2,402
<b>Total</b>	<b>10</b>	<b>42</b>	<b>4</b>	<b>55</b>	<b>17,604</b>	<b>94,486</b>	<b>356</b>	<b>2,280</b>	<b>46</b>	<b>138</b>	<b>665</b>	<b>4,986</b>
<b><i>Nelson Lagoon Section</i></b>												
Jun 07-Jun 13	4	6	0	0	2,540	14,266	0	0	0	0	0	0
Jun 14-Jun 20	22	100	1,252	18,758	32,566	188,501	0	0	0	0	0	0
Jun 21-Jun 27	26	141	1,285	19,254	64,810	372,494	0	0	0	0	0	0
Jun 28-Jul 04	33	198	378	6,424	143,306	798,667	0	0	0	0	0	0
Jul 05-Jul 11	37	232	54	891	154,509	888,869	0	0	0	0	0	0
Jul 12-Jul 18	34	167	41	656	72,929	402,682	1	5	3	9	66	505
Jul 19-Jul 25	27	120	5	106	37,904	203,231	1	5	6	54	423	3,444
Jul 26-Aug 01	19	74	1	32	9,783	51,719	14	59	16	57	842	6,863
Aug 02-Aug 08	16	42	0	0	4,519	23,206	42	180	18	54	878	6,628
Aug 09-Aug 15	13	30	0	0	1,448	7,698	274	1,899	57	205	349	2,845
Aug 16-Aug 22	13	41	0	0	2,523	14,603	3,612	25,235	116	399	227	1,804
Aug 23-Aug 29	14	40	0	0	353	2,042	6,219	48,624	13	39	25	188
Aug 30-Sep 05	14	57	0	0	447	3,727	19,716	181,513	2	6	0	0
<b>Total</b>	<b>43</b>	<b>1,248</b>	<b>3,016</b>	<b>46,121</b>	<b>527,637</b>	<b>2,971,705</b>	<b>29,879</b>	<b>257,520</b>	<b>231</b>	<b>823</b>	<b>2,810</b>	<b>22,277</b>
<b><i>Herendeen-Moller Bay Section</i></b>												
	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

-continued-

Table 2.-Page 3 of 5.

Catch Dates	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
<b><i>Port Moller to Cape Seniavin</i></b>												
<b><i>(Includes Port Moller Bight and Bear River Sections)</i></b>												
May 31-Jun 06	a	a	a	a	a	a	a	a	a	a	a	a
Jun 07-Jun 13	a	a	a	a	a	a	a	a	a	a	a	a
Jun 14-Jun 20	26	112	2,815	49,995	74,650	449,788	0	0	6	18	102	630
Jun 21-Jun 27	67	265	1,665	27,736	181,168	1,070,467	0	0	33	97	125	744
Jun 28-Jul 04	26	87	244	4,116	39,506	226,779	0	0	52	155	186	1,161
Jul 05-Jul 11	46	177	50	976	112,191	665,574	0	0	3	9	276	1,719
Jul 12-Jul 18	63	205	54	881	104,297	578,251	1	9	241	723	445	3,150
Jul 19-Jul 25	46	171	14	172	66,202	346,587	40	241	125	390	997	6,674
Jul 26-Aug 01	26	96	6	87	24,136	125,154	57	386	121	363	574	3,867
Aug 02-Aug 22	0	0	0	0	0	0	0	0	0	0	0	0
Aug 23-Aug 29	21	29	0	0	3,034	16,948	643	5,118	14	42	14	96
Aug 30-Sep 05	6	13	0	0	1,429	8,185	1,002	7,975	0	0	0	0
<b>Total</b>	<b>99</b>	<b>1,164</b>	<b>5,429</b>	<b>90,308</b>	<b>611,147</b>	<b>3,512,741</b>	<b>1,743</b>	<b>13,729</b>	<b>595</b>	<b>1,797</b>	<b>2,727</b>	<b>18,083</b>
<b><i>Cape Seniavin to Strogonof Point</i></b>												
<b><i>(Three Hills &amp; Ilnik Sections Combined)</i></b>												
Jun 21-Jun 27	67	162	592	8,001	136,355	826,704	0	0	126	364	22	137
Jun 28-Jul 04	92	503	665	9,898	407,045	2,403,873	0	0	420	1,280	538	3,727
Jul 05-Jul 11	84	680	648	4,142	449,090	2,674,577	3	21	1,114	3,345	579	4,049
Jul 12-Jul 18	56	254	32	570	114,616	681,901	14	87	1,349	4,047	508	3,455
Jul 19-Jul 25	18	54	3	20	23,955	127,374	229	1,558	459	1,809	180	1,215
Jul 26-Aug 01	24	99	11	180	47,426	245,489	688	5,010	54	148	451	3,064
Aug 02-Aug 22	0	0	0	0	0	0	0	0	0	0	0	0
Aug 23-Aug 29	4	8	0	0	484	2,452	659	5,928	0	0	0	0
<b>Total</b>	<b>94</b>	<b>1,760</b>	<b>1,951</b>	<b>22,811</b>	<b>1,178,971</b>	<b>6,962,370</b>	<b>1,593</b>	<b>12,604</b>	<b>3,522</b>	<b>10,993</b>	<b>2,278</b>	<b>15,647</b>

-continued-

Table 2.-Page 4 of 5.

Catch Dates	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
<b><i>Port Moller to Strogonof Point</i></b>												
<b><i>( Port Moller Bight, Bear River, Three Hills, and Ilnik Sections Combined)</i></b>												
May 31-Jun 06	a	a	a	a	a	a	a	a	a	a	a	a
Jun 07-Jun 13	a	a	a	a	a	a	a	a	a	a	a	a
Jun 14-Jun 20	26	112	2,815	49,995	74,650	449,788	0	0	6	18	102	630
Jun 21-Jun 27	90	427	2,257	35,737	317,523	1,897,171	0	0	159	461	147	881
Jun 28-Jul 04	100	589	909	14,014	446,551	2,630,652	0	0	472	1,435	724	4,888
Jul 05-Jul 11	98	856	698	5,118	561,281	3,340,151	3	21	1,117	3,354	855	5,768
Jul 12-Jul 18	88	459	86	1,451	218,913	1,260,152	15	96	1,590	4,770	953	6,605
Jul 19-Jul 25	52	225	17	192	90,157	473,961	269	1,799	584	2,199	1,177	7,889
Jul 26-Aug 01	41	195	17	267	71,562	370,643	745	5,396	175	511	1,025	6,931
Aug 02-Aug 22	0	0	0	0	0	0	0	0	0	0	0	0
Aug 23-Aug 29	23	37	0	0	3,518	19,400	1,302	11,046	14	42	14	96
Aug 30-Sep 05	6	13	0	0	1,429	8,185	1,002	7,975	0	0	0	0
<b>Total</b>	<b>106</b>	<b>2,922</b>	<b>7,380</b>	<b>113,119</b>	<b>1,790,118</b>	<b>10,475,111</b>	<b>3,336</b>	<b>26,333</b>	<b>4,117</b>	<b>12,790</b>	<b>5,005</b>	<b>33,730</b>
<b><i>Inner Port Heiden Section</i></b>												
	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b><i>Cinder River Section</i></b>												
Aug 16-Aug 22	a	a	a	a	a	a	a	a	a	a	a	a
Aug 23-Aug 29	a	a	a	a	a	a	a	a	a	a	a	a
<b>Total</b>	<b>a</b>	<b>a</b>	<b>a</b>	<b>a</b>	<b>a</b>	<b>a</b>	<b>a</b>	<b>a</b>	<b>a</b>	<b>a</b>	<b>a</b>	<b>a</b>

-continued-

**Table 2.-**Page 5 of 5.

Catch Dates	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
<i>Entire North Peninsula</i>												
May 31-Jun 06	a	a	a	a	a	a	a	a	a	a	a	a
Jun 07-Jun 13	7	13	556	6,167	7,017	38,987	0	0	0	0	5	25
Jun 14-Jun 20	48	214	4,067	68,753	108,906	645,726	0	0	6	18	102	630
Jun 21-Jun 27	115	572	3,543	55,021	406,199	2,397,525	0	0	159	461	147	881
Jun 28-Jul 04	136	801	1,287	20,438	613,059	3,554,564	0	0	472	1,435	724	4,888
Jul 05-Jul 11	136	1,093	752	6,009	727,520	4,291,560	3	21	1,117	3,354	855	5,768
Jul 12-Jul 18	122	632	130	2,147	299,461	1,704,756	16	101	1,593	4,779	1,019	7,110
Jul 19-Jul 25	83	352	23	316	133,344	705,866	285	1,901	669	2,514	1,872	13,290
Jul 26-Aug 01	67	287	18	299	97,669	512,377	769	5,500	11,474	38,066	3,102	22,499
Aug 02-Aug 08	22	61	1	15	20,116	107,843	117	510	136	421	3,440	25,393
Aug 09-Aug 15	19	38	0	0	9,777	50,206	287	1,989	57	205	3,094	21,914
Aug 16-Aug 22	18	51	0	0	4,906	28,428	4,155	29,435	116	399	556	4,206
Aug 23-Aug 29	37	78	0	0	3,871	21,442	7,570	60,088	27	81	39	284
Aug 30-Sep 05	20	70	0	0	1,876	11,912	20,718	189,488	2	6	0	0
<b>Total</b>	<b>144</b>	<b>4,264</b>	<b>10,402</b>	<b>159,343</b>	<b>2,433,778</b>	<b>14,071,479</b>	<b>33,920</b>	<b>289,033</b>	<b>15,828</b>	<b>51,739</b>	<b>14,958</b>	<b>106,905</b>

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

**Table 3-Northern District Chinook salmon runs by section, 1962-2004.**

Year		Cinder River		Three Hills & Ilnik		Port Moller Bight		Northern District Totals	
		Section	Section	Sections	Section	& Herendeen-Moller Bay Sections	Nelson <sup>a</sup> Lagoon Section		Caribou Flats & Black Hills Sections
1962	Catch	0	400	0	500	700	3,700	0	5,300
	Escapement <sup>b</sup>	0	1,100 <sup>c</sup>	0	500	0	2,700	100 <sup>c</sup>	4,400
	Total	0	1,500 <sup>c</sup>	0	1,000	700	6,400	100 <sup>c</sup>	9,700
1963	Catch	0	0	0	600	200	2,500	0	3,300
	Escapement <sup>b</sup>	0	100 <sup>c</sup>	0	200	0	4,000	1,900 <sup>c</sup>	6,200
	Total	0	100 <sup>c</sup>	0	800	200	6,500	1,900 <sup>c</sup>	9,500
1964	Catch	0	0	100	300	0	3,300	0	3,700
	Escapement <sup>b</sup>	5,800	4,200	500	3,000	0	8,400	4,000	25,900
	Total	5,800	4,200	600	3,300	0	11,700	4,000	29,600
1965	Catch	0	1,900	300	100	0	4,000	0	6,300
	Escapement <sup>b</sup>	700	1,000	0	5,400	0	11,900	3,000	22,000
	Total	700	2,900	300	5,500	0	15,900	3,000	28,300
1966	Catch	0	700	0	100	0	2,400	0	3,200
	Escapement <sup>b</sup>	0	1,300 <sup>c</sup>	0	300 <sup>c</sup>	0	4,700	1,900	8,200
	Total	0	2,000 <sup>c</sup>	0	400 <sup>c</sup>	0	7,100	1,900	11,400
1967	Catch	0	1,400	0	100	400	3,600	0	5,500
	Escapement <sup>b</sup>	800 <sup>c</sup>	500	300	3,000	0	5,100	1,300	11,000
	Total	800 <sup>c</sup>	1,900	300	3,100	400	8,700	1,300	16,500
1968	Catch	0	1,000	100	300	1,300	2,800	0	5,500
	Escapement <sup>b</sup>	300	1,100 <sup>c</sup>	0	2,600	0	7,300	2,700	14,000
	Total	300	2,100 <sup>c</sup>	100	2,900	1,300	10,100	2,700	19,500
1969	Catch	0	1,400	0	500	500	2,500	0	4,900
	Escapement <sup>b</sup>	800	1,100 <sup>c</sup>	0	1,000	0	8,100	1,600	12,600
	Total	800	2,500 <sup>c</sup>	0	1,500	500	10,600	1,600	17,500
1970	Catch	0	0	22	800	420	2,587	0	3,829
	Escapement <sup>b</sup>	200	300	300	1,000	0	2,900	2,000	6,700
	Total	200	300	322	1,800	420	5,487	2,000	10,529
1971	Catch	0	0	112	315	370	1,390	0	2,187
	Escapement <sup>b</sup>	100	100	200	800	0	2,300	1,500 <sup>c</sup>	5,000
	Total	100	100	312	1,115	370	3,690	1,500 <sup>c</sup>	7,187
1972	Catch	0	0	61	208	227	1,294	0	1,790
	Escapement <sup>b</sup>	700	1,600	0	100	0	1,400	1,000 <sup>c</sup>	4,800
	Total	700	1,600	61	308	227	2,694	1,000 <sup>c</sup>	6,590
1973	Catch	0	0	47	672	341	1,503	0	2,563
	Escapement <sup>b</sup>	600	600	0	100	0	1,500	800	3,600
	Total	600	600	47	772	341	3,003	800	6,163
1974	Catch	0	0	43	296	142	2,225	0	2,706
	Escapement <sup>b</sup>	500	700	0	300	0	1,100	400	3,000
	Total	500	700	43	596	142	3,325	400	5,706
1975	Catch	0	376	21	292	201	1,203	0	2,093
	Escapement <sup>b</sup>	100	900	0	700	0	2,500	400	4,600
	Total	100	1,276	21	992	201	3,703	400	6,693
1976	Catch	0	1,496	93	537	592	2,220	0	4,938
	Escapement <sup>b</sup>	1,600	200	0	500	0	3,300	400	6,000
	Total	1,600	1,696	93	1,037	592	5,520	400	10,938

-continued-

**Table 3.-Page 2 of 3.**

Year		Cinder River Section	Port Heiden Section	Three		Port Moller Bight		Nelson <sup>a</sup> Lagoon Section	Caribou Flats & Black Hills Sections	Northern District Totals
				Hills & Ilnik Sections	Bear River Section	& Herendeen- Moller Bay Sections				
1977	Catch	1	2,494	75	673	509	1,734	0	5,486	
	Escapement <sup>b</sup>	100	700	0	0	0	5,600	700	7,100	
	Total	101	3,194	75	673	509	7,334	700	12,586	
1978	Catch	0	8,740	41	643	745	3,350	0	13,519	
	Escapement <sup>b</sup>	1,100	4,200	0	200 <sup>c</sup>	0	4,200	4,000	13,700	
	Total	1,100	12,940	41	843	745	7,550	4,000	27,219	
1979	Catch	0	8,346	11	1,420	523	5,399	0	15,699	
	Escapement <sup>b</sup>	300	3,200 <sup>c</sup>	0	0	0	11,000	1,500	16,000	
	Total	300	11,546	11	1,420	523	16,399	1,500	31,699	
1980	Catch	1	5,242	136	1,663	873	8,706	0	16,621	
	Escapement <sup>b</sup>	3,000 <sup>c</sup>	1,600 <sup>c</sup>	0	100	0	5,500	800	11,000 <sup>c</sup>	
	Total	3,001	6,842	136	1,763	873	14,206	800	27,621	
1981	Catch	0	5,595	23	1,667	106	10,981	0	18,372	
	Escapement <sup>b</sup>	3,000 <sup>c</sup>	1,000 <sup>c</sup>	0	2,300	0	5,200	900	12,400 <sup>c</sup>	
	Total	3,000	6,595	23	3,967	106	16,181	900	30,772	
1982	Catch	5	10,950	904	2,736	650	13,337	1,175	29,757	
	Escapement <sup>b</sup>	2,500 <sup>c</sup>	7,500 <sup>c</sup>	0	900	0	7,000	2100	20,000	
	Total	2,505	18,450	904	3,636	650	20,337	3,275	49,757	
1983	Catch	1	6,408	933	8,474	679	12,055	433	28,983	
	Escapement <sup>b</sup>	7,200	900	0	1,500 <sup>c</sup>	0	12,500	3,600	25,700	
	Total	7,201	7,308	933	9,974	679	24,555	4,033	54,683	
1984	Catch	0	6,394	1,301	5,807	547	7,801	863	22,713	
	Escapement <sup>b</sup>	400	7,400	0	600	0	6,300	3,000	17,700	
	Total	400	13,794	1,301	6,407	547	14,101	3,863	40,413	
1985	Catch	2	4,354	1,665	4,729	1,762	10,850	0	23,362	
	Escapement <sup>b</sup>	700	4,700	0	1,200	0	3,200	3,200	13,000	
	Total	702	9,054	1,665	5,929	1,762	14,050	3,200	36,362	
1986	Catch	0	1,822	1,516	2,942	410	4,849	173	11,712 <sup>c</sup>	
	Escapement <sup>b</sup>	1,700	2,400	0	800	0	1,800	2,100	8,800	
	Total	1,700	4,222	1,516	3,742	410	6,649	2,273	20,512	
1987	Catch	3	3,217	873	3,789	321	5,823	100	14,126	
	Escapement <sup>b</sup>	900	1,400	0	700	0	4,100	3,600	10,700	
	Total	903	4,617	873	4,489	321	9,923	3,700	24,826	
1988	Catch	1	5,816	805	3,447	151	6,467	0	16,687	
	Escapement <sup>b</sup>	400	2,200	200	1,200	0	3,300	3,300	10,600	
	Total	401	8,016	1,005	4,647	151	9,767	3,300	27,287	
1989	Catch	118	2,928	490	2,089	243	3,822	985	10,675	
	Escapement <sup>b</sup>	200	800	0	900	0	3,100	600	5,600	
	Total	318	3,728	490	2,989	243	6,922	1,585	16,275	
1990	Catch	63	4,699	545	2,145	126	3,573	1,126	12,277	
	Escapement <sup>b</sup>	1,600	800	0	1,400	0	2,300	1,000	7,100	
	Total	1,663	5,499	545	3,545	126	5,873	2,126	19,377	
1991	Catch	2	3,139	255	1,631	202	3,452	635	9,316	
	Escapement <sup>b</sup>	600	900	0	700	0	6,800	500	9,500	
	Total	602	4,039	255	2,331	202	10,252	1,135	18,816	

-continued-

**Table 3.-Page 3 of 3.**

Year		Cinder River Section	Port Heiden Section	Three		Port Moller Bight		Nelson <sup>a</sup> Lagoon Section	Caribou Flats & Black Hills Sections	Northern District Totals
				Hills & Ilnik Sections	Bear River Section	& Herendeen- Moller Bay Sections				
1992	Catch	133	5,427	1,366	3,264	114	2,787	21	13,112	
	Escapement <sup>b</sup>	300	1,400	0	1,000	0	3,000	900	6,600	
	Total	433	6,827	1,366	4,264	114	5,787	921	19,712	
1993	Catch	2,260	9,562	345	5,340	79	4,815	1	22,402	
	Escapement <sup>b</sup>	700 <sup>c</sup>	3,200 <sup>c</sup>	0	1,800	0	6,000	2,000	13,700	
	Total	2,960	12,762	345	7,140	79	10,815	2,001	36,102	
1994	Catch	2,583	8,752	563	2,973	111	3,509	0	18,491	
	Escapement <sup>b</sup>	10,500	15,100	0	6,200 <sup>c</sup>	0	4,800	1,900	38,500	
	Total	13,083	23,852	563	9,173	111	8,309	1,900	56,991	
1995	Catch	335	2,261	593	834	11	3,488	8	7,530	
	Escapement <sup>b</sup>	9,300	7,100	0	3,600	0	3,000	1,300	24,300	
	Total	9,635	9,361	593	4,434	11	6,488	1,308	31,830	
1996	Catch	748	8	369	1,298	73	2,308	128	4,932	
	Escapement <sup>b</sup>	4,000 <sup>c</sup>	12,000 <sup>c</sup>	0	2,600	0	4,000	3,000	25,600	
	Total	4,748	12,008	369	3,898	73	6,308	3,128	30,532	
1997	Catch	340	3,678	1,248	1,880	8	3,164	25	10,343	
	Escapement <sup>b</sup>	2,300	4,000 <sup>c</sup>	0	4,300	0	7,000	1,800	19,400	
	Total	2,640	7,678	1,248	6,180	8	10,164	1,825	29,743	
1998	Catch	410	1,342	388	831	43	2,715	153	5,882	
	Escapement <sup>b</sup>	2,100	3,500	0	2,400	0	5,200	1,800	15,000	
	Total	2,510	4,842	388	3,231	43	7,915	1,953	20,882	
1999	Catch	205	279	1,893	408	17	1,925	90	4,817	
	Escapement <sup>b</sup>	2,300	800	0	2,100	0	4,000	1,700	10,900	
	Total	2,505	1,079	1,893	2,508	17	5,925	1,790	15,717	
2000	Catch	56	0	1,308	991	44	1,387	105	3,891	
	Escapement <sup>b</sup>	700	1,500	0	1,600	0	4,200	1,700	9,700	
	Total	756	1,500	1,308	2,591	44	5,587	1,805	13,591	
2001	Catch	573	0	416	963	0	2,164	266	4,382	
	Escapement <sup>b</sup>	1,700	1,100	100	1,500	0	7,400	1,600	13,400	
	Total	2,273	1,100	516	2,463	0	9,564	1,866	17,782	
2002	Catch	76	0	188	2,194	8	1,312	57	3,835	
	Escapement <sup>b</sup>	2,300	4,500	100	2,800	0	6,900	2,300	18,900	
	Total	2,376	4,500	288	4,994	8	8,212	2,357	22,735	
2003	Catch	0	0	312	2,987	0	1,082	162	4,543	
	Escapement <sup>b</sup>	350	1,200	28	1,500	0	5,500	2,500	11,078	
	Total	350	1,200	340	4,487	0	6,582	2,662	15,621	
2004	Catch	0	0	1,951	5,429	0	3,016	4	10,400	
	Escapement <sup>b</sup>	4,200	8,300	15	7,400	0	7,759	3,200	30,874	
	Total	4,200	8,300	1,966	12,829	0	10,775	3,204	41,274	
1994-2003 Average										
	Catch	533	1,632	728	1,536	32	2,305	99	6,865	
	Escapement <sup>b</sup>	3,555	5,080	23	2,860	0	5,200	1,960	18,678	
	Total	4,088	6,712	751	4,396	32	7,505	2,059	25,542	

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

<sup>b</sup> Escapements are indexed totals.

<sup>c</sup> These figures are extrapolated totals.

**Table 4.-North Peninsula salmon harvest by district, statistical area, and section, 2004.**

Statistical		Number of Salmon					
Area	Section	Chinook	Sockeye	Coho	Pink	Chum	Total
<i><b>NORTHWESTERN DISTRICT</b></i>							
<b>311-32</b>	<b>Urilia Bay Section Total</b>	<b>2</b>	<b>71,305</b>	<b>0</b>	<b>366</b>	<b>536</b>	<b>72,209</b>
<b>311-52</b>	<b>Swanson Lagoon Section</b>	<b>0</b>	<b>2,980</b>	<b>0</b>	<b>4,040</b>	<b>589</b>	<b>7,609</b>
<b>311-60</b>	<b>Bechevin Bay Section</b>	<b>0</b>	<b>505</b>	<b>0</b>	<b>5,700</b>	<b>0</b>	<b>6,205</b>
311-58	Cape Krenitzen to Cape Glazenap	0	1,151	15	1,255	310	2,731
312-20	Izembek Lagoon	0	20,848	0	70	4,888	25,806
312-40	Moffet Bay	0	1,630	0	3	155	1,788
<b>Izembek-Moffet Bay Section Total</b>		<b>0</b>	<b>23,629</b>	<b>15</b>	<b>1,328</b>	<b>5,353</b>	<b>30,325</b>
<i><b>NORTHWESTERN DISTRICT TOTAL</b></i>		<i><b>2</b></i>	<i><b>98,419</b></i>	<i><b>15</b></i>	<i><b>11,434</b></i>	<i><b>6,478</b></i>	<i><b>116,348</b></i>
<i><b>NORTHERN DISTRICT</b></i>							
<b>313-10</b>	<b>Black Hills Section</b>	<b>4</b>	<b>17,604</b>	<b>356</b>	<b>46</b>	<b>665</b>	<b>18,675</b>
<b>313-30</b>	<b>Nelson Lagoon Section</b>	<b>3,016</b>	<b>527,637</b>	<b>29,879</b>	<b>231</b>	<b>2,810</b>	<b>563,573</b>
<b>314-12</b>	<b>Port Moller Bight Section</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
314-20	Herendeen Bay	0	0	0	0	0	0
314-30	Moller Bay	0	0	0	0	0	0
<b>Herendeen-Moller Bay Section Total</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
315-11	Bear River	4,817	543,046	1,501	442	2,526	552,332
315-20	Muddy River	612	68,101	242	153	201	69,309
<b>Bear River Section Total</b>		<b>5,429</b>	<b>611,147</b>	<b>1,743</b>	<b>595</b>	<b>2,727</b>	<b>621,641</b>
<b>316-10</b>	<b>Three Hills Section</b>	<b>141</b>	<b>63,935</b>	<b>944</b>	<b>147</b>	<b>324</b>	<b>65,491</b>
316-20	Outside Ilnik	1,003	668,890	636	1,660	983	673,172
316-22	Ilnik Lagoon	0	0	0	0	0	0
316-25	Strogonof Point	807	446,146	13	1,715	971	449,652
<b>Ilnik Section Total</b>		<b>1,810</b>	<b>1,115,036</b>	<b>649</b>	<b>3,375</b>	<b>1,954</b>	<b>1,122,824</b>
<b>317-20</b>	<b>Inner Port Heiden Section</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>318-20</b>	<b>Cinder River Section</b>	<b>0</b>	<b>0</b>	<b>334</b>	<b>0</b>	<b>0</b>	<b>334</b>
<i><b>NORTHERN DISTRICT TOTAL</b></i>		<i><b>10,400</b></i>	<i><b>2,335,359</b></i>	<i><b>33,905</b></i>	<i><b>4,394</b></i>	<i><b>8,480</b></i>	<i><b>2,392,538</b></i>
<b>NORTH PENINSULA TOTAL</b>		<b>10,402</b>	<b>2,433,778</b>	<b>33,920</b>	<b>15,828</b>	<b>14,958</b>	<b>2,508,886</b>

**Table 5.-Urilia Bay Section salmon harvest by species and day, 2004.**

Catch Date	Permits	Landings	Number of Fish				
			Chinook	Sockeye	Coho	Pink	Chum
Prior to 15-Jun	0	0	0	0	0	0	0
15-Jun	a	a	a	a	a	a	a
16-Jun	0	0	0	0	0	0	0
17-Jun	a	a	a	a	a	a	a
18-Jun to 20-Jun	0	0	0	0	0	0	0
21-Jun	a	a	a	a	a	a	a
22-Jun	a	a	a	a	a	a	a
23-Jun	a	a	a	a	a	a	a
24-Jun	a	a	a	a	a	a	a
25-Jun to 27-Jun	0	0	0	0	0	0	0
28-Jun	4	4	0	5,877	0	0	0
29-Jun	4	4	0	5,579	0	0	0
30-Jun	a	a	a	a	a	a	a
1-Jul	4	5	0	8,046	0	0	0
2-Jul to 4-Jul	0	0	0	0	0	0	0
5-Jul	a	a	a	a	a	a	a
6-Jul	a	a	a	a	a	a	a
7-Jul	0	0	0	0	0	0	0
8-Jul	a	a	a	a	a	a	a
9-Jul to 11-Jul	0	0	0	0	0	0	0
12-Jul	a	a	a	a	a	a	a
13-Jul	a	a	a	a	a	a	a
14-Jul	0	0	0	0	0	0	0
15-Jul	a	a	a	a	a	a	a
16-Jul to 20-Jul	0	0	0	0	0	0	0
21-Jul	a	a	a	a	a	a	a
22-Jul	a	a	a	a	a	a	a
23-Jul to 28-Jul	0	0	0	0	0	0	0
29-Jul	a	a	a	a	a	a	a
Post 30-Jul	0	0	0	0	0	0	0
<b>Total</b>	<b>6</b>	<b>33</b>	<b>2</b>	<b>71,305</b>	<b>0</b>	<b>366</b>	<b>536</b>

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

**Table 6.-Northwestern District sockeye salmon runs (number of fish), 1962-2004.**

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

-continued-

**Table 6.-Page 2 of 4.**

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

-continued-

**Table 6.-Page 3 of 4.**

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

-continued-

**Table 6.-Page 4 of 4.**

Year		Izembek - Moffet Bay <sup>a</sup>	Bechevin, Swanson Lagoon & Urilia Bays <sup>a</sup>	Northwestern District Total <sup>b</sup>
1998	Catch	8,241	43,074	51,315
	Escapement <sup>c</sup>	38,800	45,300	84,100
	Total	47,041	88,374	135,415
1999	Catch	4,387	119,148	123,535
	Escapement <sup>c</sup>	31,600	57,100	88,700
	Total	35,987	176,248	212,235
2000	Catch	1,638	100,808	102,446
	Escapement <sup>c</sup>	24,800	60,500	85,300
	Total	26,438	161,308	187,746
2001	Catch	10,270	40,474	50,744
	Escapement <sup>c</sup>	49,500	51,500	101,000
	Total	59,770	91,974	151,744
2002	Catch	37,528	45,314	82,842
	Escapement <sup>c</sup>	49,000	60,500	109,500
	Total	86,528	105,814	192,342
2003	Catch	16,338	46,830	63,168
	Escapement <sup>c</sup>	58,000	79,600	137,600
	Total	74,338	126,430	200,768
2004	Catch	23,629	74,790	98,419
	Escapement <sup>c</sup>	68,300	118,630	186,930
	Total	91,929	193,420	285,349
1994-2003	Catch	11,174	53,899	65,072
Average	Escapement <sup>c</sup>	37,110	53,670	90,780
	Total	48,284	107,569	155,852

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

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

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

<sup>d</sup> Figures are extrapolated estimates.

**Table 7.-Nelson Lagoon Section salmon harvest by species and day, 2004.**

Catch Date	Permits	Landings	Number of Fish				
			Chinook	Sockeye	Coho	Pink	Chum
Prior to 7-Jun	0	0	0	0	0	0	0
7-Jun	a	a	a	a	a	a	a
8-Jun	a	a	a	a	a	a	a
9-Jun	a	a	a	a	a	a	a
10-Jun to 13-Jun	0	0	0	0	0	0	0
14-Jun	13	14	155	5,119	0	0	0
15-Jun	15	16	222	5,271	0	0	0
16-Jun	19	19	267	6,445	0	0	0
17-Jun	18	18	266	6,194	0	0	0
18-Jun	15	17	94	4,663	0	0	0
19-Jun	13	16	248	4,874	0	0	0
20-Jun	0	0	0	0	0	0	0
21-Jun	18	19	213	7,314	0	0	0
22-Jun	16	16	209	4,627	0	0	0
23-Jun	23	27	254	8,928	0	0	0
24-Jun	23	24	220	10,845	0	0	0
25-Jun	21	29	241	15,887	0	0	0
26-Jun	25	26	148	17,209	0	0	0
27-Jun	0	0	0	0	0	0	0
28-Jun	23	24	99	11,847	0	0	0
29-Jun	24	27	73	15,735	0	0	0
30-Jun	26	27	48	24,736	0	0	0
1-Jul	28	30	37	23,728	0	0	0
2-Jul	27	29	55	26,961	0	0	0
3-Jul	30	32	36	22,305	0	0	0
4-Jul	29	29	30	17,994	0	0	0
5-Jul	27	30	21	28,679	0	0	0
6-Jul	32	34	10	21,890	0	0	0
7-Jul	31	33	5	21,220	0	0	0
8-Jul	32	35	8	24,226	0	0	0
9-Jul	31	36	0	24,324	0	0	0
10-Jul	33	35	3	21,467	0	0	0
11-Jul	27	29	7	12,703	0	0	0
12-Jul	25	25	10	11,510	0	0	0
13-Jul	24	25	10	10,420	0	0	3
14-Jul	24	24	3	10,053	0	0	7
15-Jul	25	25	1	13,493	0	2	7
16-Jul	16	17	2	8,955	0	0	3
17-Jul	23	25	5	7,497	0	0	18
18-Jul	24	26	10	11,001	1	1	28
19-Jul	23	23	1	9,514	0	2	17
20-Jul	22	22	1	8,175	0	4	28
21-Jul	16	16	2	5,856	1	0	27
22-Jul	21	22	0	8,339	0	0	166
23-Jul	16	19	0	4,259	0	0	117
24-Jul	4	5	0	520	0	0	12

-continued-

Table 7.-Page 2 of 2.

Catch Date	Permits	Landings	Number of Fish				
			Chinook	Sockeye	Coho	Pink	Chum
25-Jul	13	13	1	1,241	0	0	56
26-Jul	16	17	1	2,339	3	3	139
27-Jul	13	13	0	1,308	2	0	77
28-Jul	16	16	0	2,436	5	3	187
29-Jul	14	14	0	2,047	2	0	251
30-Jul	6	8	0	843	0	0	78
31-Jul	5	6	0	810	2	10	110
1-Aug	0	0	0	0	0	0	0
2-Aug	12	12	0	1,356	3	4	313
3-Aug	13	13	0	1,124	2	5	227
4-Aug	10	10	0	1,311	31	3	243
5-Aug	7	7	0	728	6	6	95
6-Aug to 8-Aug	0	0	0	0	0	0	0
9-Aug	9	10	0	477	60	10	93
10-Aug	7	7	0	453	97	25	150
11-Aug	9	9	0	347	81	18	89
12-Aug	4	4	0	171	36	4	17
13-Aug to 15-Aug	0	0	0	0	0	0	0
16-Aug	12	12	0	1,076	1,158	44	119
17-Aug	8	9	0	722	1,335	46	87
18-Aug	11	11	0	450	667	4	11
19-Aug	9	9	0	275	452	22	10
20-Aug to 22-Aug	0	0	0	0	0	0	0
23-Aug	12	13	0	150	1,284	7	14
24-Aug	11	11	0	102	1,937	0	3
25-Aug	8	8	0	56	1,601	6	4
26-Aug	8	8	0	45	1,397	0	4
27-Aug to 29-Aug	0	0	0	0	0	0	0
30-Aug	13	16	0	28	6,857	0	0
31-Aug	10	11	0	343	3,858	2	0
1-Sep	8	11	0	26	3,127	0	0
2-Sep	9	11	0	29	3,248	0	0
3-Sep	8	8	0	21	2,626	0	0
Post 3-Sep	0	0	0	0	0	0	0
Total	43	1,248	3,016	527,637	29,879	231	2,810

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

**Table 8.-Bear River Section salmon harvest by species and day, 2004.**

Catch Date	Permits	Landings	Number of Fish				
			Chinook	Sockeye	Coho	Pink	Chum
Prior to 1-Jun	0	0	0	0	0	0	0
1-Jun	a	a	a	a	a	a	a
2-Jun	a	a	a	a	a	a	a
3-Jun to 6-Jun	0	0	0	0	0	0	0
7-Jun	a	a	a	a	a	a	a
8-Jun	a	a	a	a	a	a	a
9-Jun	a	a	a	a	a	a	a
10-Jun to 13-Jun	0	0	0	0	0	0	0
14-Jun	20	21	853	12,053	0	6	35
15-Jun	21	22	493	19,651	0	0	26
16-Jun	22	22	711	16,473	0	0	36
17-Jun	23	24	522	13,122	0	0	4
18-Jun	23	23	236	13,351	0	0	1
19-Jun to 20-Jun	0	0	0	0	0	0	0
21-Jun	39	42	363	16,895	0	0	13
22-Jun	45	45	290	27,132	0	2	6
23-Jun	48	60	414	45,274	0	4	55
24-Jun	53	61	248	31,316	0	23	13
25-Jun	26	32	190	34,639	0	0	34
26-Jun	23	25	160	25,912	0	4	4
27-Jun	0	0	0	0	0	0	0
28-Jun	6	8	43	4,170	0	2	30
29-Jun	9	10	72	7,061	0	5	28
30-Jun	19	26	63	11,984	0	3	49
1-Jul	18	22	36	8,785	0	0	36
2-Jul	20	21	30	7,506	0	42	43
3-Jul to 4-Jul	0	0	0	0	0	0	0
5-Jul	16	16	16	7,722	0	0	118
6-Jul	14	21	12	11,637	0	0	90
7-Jul	14	27	0	13,884	0	0	2
8-Jul	20	22	1	16,102	0	0	4
9-Jul	37	41	4	29,648	0	0	2
10-Jul	28	29	11	18,045	0	0	11
11-Jul	18	21	6	15,153	0	3	49
12-Jul	23	28	13	14,786	0	0	27
13-Jul	27	31	19	13,508	1	5	51
14-Jul	28	31	7	14,809	0	1	52
15-Jul	33	35	13	23,591	0	57	80
16-Jul	33	35	1	15,129	0	48	64
17-Jul	39	45	1	22,474	0	130	171
18-Jul to 19-Jul	0	0	0	0	0	0	0
20-Jul	4	4	0	1,375	0	0	3
21-Jul	42	45	4	26,913	19	20	284

-continued-

**Table 8.-Page 2 of 2.**

Catch Date	Permits	Landings	Number of Fish				
			Chinook	Sockeye	Coho	Pink	Chum
22-Jul	38	39	6	13,692	3	22	275
23-Jul	33	36	2	10,766	1	44	229
24-Jul	28	28	0	8,145	13	39	116
25-Jul	18	19	2	5,311	4	0	90
26-Jul	20	21	4	5,590	0	6	94
27-Jul	17	17	0	3,820	3	0	51
28-Jul	18	18	1	4,121	5	0	178
29-Jul	13	13	0	4,157	12	0	86
30-Jul	14	14	1	4,697	30	115	105
31-Jul	13	13	0	1,751	7	0	60
1-Aug to 24-Aug	0	0	0	0	0	0	0
25-Aug	18	18	0	791	373	14	4
26-Aug	a	a	a	a	a	a	a
27-Aug	a	a	a	a	a	a	a
28-Aug	a	a	a	a	a	a	a
29-Aug	5	5	0	1,062	138	0	1
30-Aug	6	6	0	1,062	312	0	0
31-Aug	a	a	a	a	a	a	a
1-Sep	a	a	a	a	a	a	a
2-Sep	a	a	a	a	a	a	a
Post 2-Sep	0	0	0	0	0	0	0
<b>Total</b>	<b>99</b>	<b>1,164</b>	<b>5,429</b>	<b>611,147</b>	<b>1,743</b>	<b>595</b>	<b>2,727</b>

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

**Table 9.-Northern District sockeye salmon runs (number of fish), 1962-2004.**

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

-continued-

Table 9.-Page 2 of 6.

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

-continued-

Table 9.-Page 3 of 6.

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

-continued-

Table 9.-Page 4 of 6.

Year	Outer Port Heiden <sup>a</sup> and Cinder River	Inner Port Heiden	Ilnik	Three Hills	Bear River <sup>b</sup>	Combined Ilnik, Three Hills, & Bear R. Sections	Port Moller Bight & Herendeen-Moller Bay	Nelson Lagoon	Caribou Flats & Black Hills	Northern District Totals
1986 <sup>c</sup> Catch	689	38,042	560,339	588,501	938,177	2,087,017	1,294	178,401	2	2,305,445
Escapement	25,700	26,400	66,800	100	279,400	346,300	300	117,900	2,300	518,900
Total	26,389	64,442	627,139	588,601	1,217,577	2,433,317	1,594	296,301	2,302	2,824,345
1987 <sup>c</sup> Catch	214	2,359	506,916	212,435	213,958	933,309	679	128,471	62	1,065,094
Escapement	15,300	28,300	30,700	0	266,700	297,400	700	155,700	8,700	506,100
Total	15,514	30,659	537,616	212,435	480,658	1,230,709	1,379	284,171	8,762	1,571,194
1988 <sup>c</sup> Catch	690	9,951	494,616	258,982	494,951	1,248,549	3,850	186,616	0	1,449,656
Escapement	2,000	35,900	26,900	0	347,500	374,400	400	142,500	6,900	562,100
Total	2,690	45,851	521,516	258,982	842,451	1,622,949	4,250	329,116	6,900	2,011,756
1989 <sup>c</sup> Catch	3,044	11,365	149,399	599,588	557,100	1,306,087	5,670	324,979	14,266	1,665,411
Escapement	4,000	11,200	16,600	100	487,000	503,700	500	206,800	7,600	733,800
Total	7,044	22,565	165,999	599,688	1,044,100	1,809,787	6,170	531,779	21,866	2,399,211
1990 <sup>c</sup> Catch	1,246	9,701	753,030	189,870	876,248	1,819,148	4,250	410,417	13,265	2,258,027
Escapement	14,000	26,800	35,700	100	564,300	600,100	400	269,200	5,700	916,200
Total	15,246	36,501	788,730	189,970	1,440,548	2,419,248	4,650	679,617	18,965	3,174,227
1991 <sup>c</sup> Catch	296	5,439	610,975	253,880	1,044,660	1,909,515	4,587	273,960	16,382	2,210,179
Escapement	47,400	26,500	135,000	200	681,200	816,400	500 <sup>d</sup>	279,200	9,000	1,179,000
Total	47,696	31,939	745,975	254,080	1,725,860	2,725,915	5,087 <sup>d</sup>	553,160	25,382	3,389,179
1992 <sup>c</sup> Catch	4,472	8,023	740,992	959,223	1,398,253	3,098,468	5,911	378,706	878	3,496,458
Escapement	15,200	33,100	45,100	0	471,200	516,300	200	179,700	16,600	761,100
Total	19,672	41,123	786,092	959,223	1,869,453	3,614,768	6,111	558,406	17,478	4,257,558
1993 <sup>c</sup> Catch	8,903	518	868,790	411,277	2,041,716	3,321,783	10,045	452,842	4,005	3,798,096
Escapement	20,000 <sup>d</sup>	50,000 <sup>d</sup>	70,000	300	501,900	572,200	400	267,200	10,200	920,000
Total	28,903	50,518 <sup>d</sup>	938,790	411,577	2,543,616	3,893,983	10,445	720,042	14,205	4,718,096

-continued-

Table 9.-Page 5 of 6.

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

-continued-

**Table 9.-Page 6 of 6.**

Year	Outer Port Heiden <sup>a</sup> and Cinder River	Inner Port Heiden	Ilnik	Three Hills	Bear River <sup>b</sup>	Combined Ilnik, Three Hills, & Bear R. Sections	Port Moller Bight & Herendeen-Moller Bay	Nelson Lagoon	Caribou Flats & Black Hills	Northern District Totals
2002 <sup>c</sup> Catch	1,548	111	121,054	251,377	596,270	968,701	1,022	325,904	35,744	1,333,030
Escapement	11,500	54,100	43,000	650	275,000	318,650	1,500	338,400	12,000	736,150
Total	13,048	54,211	164,054	252,027	871,270	1,287,351	2,522	664,304	47,744	2,069,180
2003 <sup>c</sup> Catch	2,775	0	267,495	238,674	491,857	998,026	44	373,252	40,126	1,414,223
Escapement	102,700	114,000	69,000	300	432,000	501,300	500	364,211	11,100	1,093,811
Total	105,475	114,000	336,495	238,974	923,857	1,499,326	544	737,463	51,226	2,508,034
2004 <sup>c</sup> Catch	0	0	1,115,036	63,935	611,147	1,790,118	0	527,637	17,604	2,335,359
Escapement	58,050	103,700	82,000	600	467,000	549,600	2,250	515,397	17,900	1,246,897
Total	58,050	103,700	1,197,036	64,535	1,078,147	2,339,718	2,250	1,043,034	35,504	3,582,256
1994-2003 Average <sup>c</sup>										
Catch	6,366	853	498,585	323,091	675,834	1,497,509	2,875	307,315	19,868	1,834,785
Escapement	49,150	83,340	65,140	245	405,080	470,465	1,550	260,021	8,250	872,776
Total	55,516	84,193	563,725	323,336	1,080,914	1,967,974	4,425	567,336	28,118	2,707,561

<sup>a</sup> Outer Port Heiden Section catches occurred only between 1986 and 1989. This section has been closed since 1989.

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

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

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

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

**Table 10.-Three Hills Section salmon harvest by species and day, 2004.**

Catch Date	Permits	Landings	Number of Fish				
			Chinook	Sockeye	Coho	Pink	Chum
Prior to 25-Jun	0	0	0	0	0	0	0
25-Jun	9	10	36	7,740	0	0	0
26-Jun	a	a	a	a	a	a	a
27-Jun	0	0	0	0	0	0	0
28-Jun	14	15	35	4,388	0	0	8
29-Jun	16	16	23	5,257	0	0	0
30-Jun	12	13	16	4,263	0	0	2
1-Jul	8	8	19	3,158	0	0	7
2-Jul to 20-Jul	0	0	0	0	0	0	0
21-Jul	a	a	a	a	a	a	a
22-Jul	9	9	2	4,230	33	109	21
23-Jul	4	4	0	2,890	5	0	0
24-Jul	5	5	0	4,614	22	3	10
25-Jul	12	12	0	3,723	24	0	108
26-Jul	13	13	1	5,396	31	0	73
27-Jul	9	9	2	5,096	22	10	18
28-Jul	6	6	0	2,846	12	0	9
29-Jul	10	10	1	3,528	33	20	25
30-Jul	8	8	1	3,100	34	5	9
31-Jul	9	9	1	1,932	68	0	34
1-Aug to 24-Aug	0	0	0	0	0	0	0
25-Aug	4	4	0	190	302	0	0
26-Aug	4	4	0	294	357	0	0
Post 26-Aug	0	0	0	0	0	0	0
<b>Total</b>	<b>56</b>	<b>159</b>	<b>141</b>	<b>63,935</b>	<b>944</b>	<b>147</b>	<b>324</b>

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

**Table 11.-Ilnik Section salmon harvest by species and day, 2004.**

Catch Date	Permits	Landings	Number of Fish				
			Chinook	Sockeye	Coho	Pink	Chum
Prior to 25-Jun	0	0	0	0	0	0	0
25-Jun	55	62	312	69,147	0	32	12
26-Jun	66	89	241	58,988	0	94	10
27-Jun	0	0	0	0	0	0	0
28-Jun	71	88	103	59,238	0	0	19
29-Jun	72	87	151	86,947	0	116	131
30-Jun	70	96	148	94,516	0	45	209
1-Jul	61	77	90	64,487	0	62	55
2-Jul	71	103	80	84,791	0	197	107
3-Jul to 4-Jul	0	0	0	0	0	0	0
5-Jul	81	114	8	78,317	0	0	8
6-Jul	81	121	2	92,544	0	154	139
7-Jul	75	114	612	80,597	0	174	123
8-Jul	80	110	8	75,055	1	376	145
9-Jul	57	76	5	51,619	2	198	80
10-Jul	59	91	6	48,243	0	212	84
11-Jul	46	54	7	22,715	0	0	0
12-Jul	49	56	7	28,323	3	274	18
13-Jul	50	64	4	32,010	2	635	215
14-Jul	42	60	13	29,671	2	370	231
15-Jul	35	39	1	10,473	0	0	6
16-Jul	19	23	6	3,912	7	0	12
17-Jul	7	10	0	9,611	0	70	26
18-Jul to 20-Jul	0	0	0	0	0	0	0
21-Jul	7	7	1	2,914	23	12	17
22-Jul	0	0	0	0	0	0	0
23-Jul	5	5	0	1,504	25	0	6
24-Jul	5	5	0	2,853	96	325	12
25-Jul	6	6	0	1,033	0	10	6
26-Jul	a	a	a	a	a	a	a
27-Jul	a	a	a	a	a	a	a
28-Jul	7	7	3	7,150	91	15	47
29-Jul	9	9	0	6,373	105	4	66
30-Jul	11	11	2	6,328	173	0	122
31-Jul	11	13	0	4,203	95	0	42
Post 31-Jul	0	0	0	0	0	0	0
<b>Total</b>	<b>87</b>	<b>1,601</b>	<b>1,810</b>	<b>1,115,036</b>	<b>649</b>	<b>3,375</b>	<b>1,954</b>

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

**Table 12.-Port Moller Bight, Bear River, Three Hills, and Ilnik Sections combined salmon harvest by species and day, 2004.**

Catch Date	Permits	Landings	Number of Fish				
			Chinook	Sockeye	Coho	Pink	Chum
Prior to 1-Jun	0	0	0	0	0	0	0
1-Jun	a	a	a	a	a	a	a
2-Jun	a	a	a	a	a	a	a
3-Jun to 6-Jun	0	0	0	0	0	0	0
7-Jun	a	a	a	a	a	a	a
8-Jun	a	a	a	a	a	a	a
9-Jun	a	a	a	a	a	a	a
10-Jun to 13-Jun	0	0	0	0	0	0	0
14-Jun	20	21	853	12,053	0	6	35
15-Jun	21	22	493	19,651	0	0	26
16-Jun	22	22	711	16,473	0	0	36
17-Jun	23	24	522	13,122	0	0	4
18-Jun	23	23	236	13,351	0	0	1
19-Jun to 20-Jun	0	0	0	0	0	0	0
21-Jun	39	42	363	16,895	0	0	13
22-Jun	45	45	290	27,132	0	2	6
23-Jun	48	60	414	45,274	0	4	55
24-Jun	53	61	248	31,316	0	23	13
25-Jun	85	104	538	111,526	0	32	46
26-Jun	89	115	404	85,380	0	98	14
27-Jun	0	0	0	0	0	0	0
28-Jun	90	111	181	67,796	0	2	57
29-Jun	95	113	246	99,265	0	121	159
30-Jun	97	135	227	110,763	0	48	260
1-Jul	86	106	145	76,430	0	62	98
2-Jul	91	124	110	92,297	0	239	150
3-Jul to 4-Jul	0	0	0	0	0	0	0
5-Jul	96	130	24	86,039	0	0	126
6-Jul	95	142	14	104,181	0	154	229
7-Jul	89	141	612	94,481	0	174	125
8-Jul	95	132	9	91,157	1	376	149
9-Jul	94	117	9	81,267	2	198	82
10-Jul	86	119	17	66,288	0	212	95
11-Jul	64	75	13	37,868	0	3	49
12-Jul	72	84	20	43,109	3	274	45
13-Jul	77	95	23	45,518	3	640	266
14-Jul	71	92	20	44,674	2	371	283
15-Jul	68	74	14	34,064	0	57	86
16-Jul	53	59	8	19,463	7	48	76
17-Jul	46	55	1	32,085	0	200	197
18-Jul to 19-Jul	0	0	0	0	0	0	0
20-Jul	4	4	0	1,375	0	0	3
21-Jul	49	53	5	30,021	43	32	301
22-Jul	47	48	8	17,922	36	131	296

-continued-

**Table 12.-Page 2 of 2.**

Catch Date	Permits	Landings	Number of Fish				
			Chinook	Sockeye	Coho	Pink	Chum
23-Jul	42	45	2	15,160	31	44	235
24-Jul	38	38	0	15,612	131	367	138
25-Jul	36	37	2	10,067	28	10	204
26-Jul	34	36	5	11,414	43	6	167
27-Jul	28	28	2	9,962	37	10	75
28-Jul	31	31	4	14,117	108	15	234
29-Jul	32	32	1	14,058	150	24	177
30-Jul	33	33	4	14,125	237	120	236
31-Jul	33	35	1	7,886	170	0	136
1-Aug to 24-Aug	0	0	0	0	0	0	0
25-Aug	22	22	0	981	675	14	4
26-Aug	7	7	0	353	380	0	0
27-Aug	a	a	a	a	a	a	a
28-Aug	a	a	a	a	a	a	a
29-Aug	5	5	0	1,062	138	0	1
30-Aug	6	6	0	1,062	312	0	0
31-Aug	a	a	a	a	a	a	a
1-Sep	a	a	a	a	a	a	a
2-Sep	a	a	a	a	a	a	a
Post 2-Sep	0	0	0	0	0	0	0
Total	106	2,922	7,380	1,790,118	3,336	4,117	5,005

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

**Table 13.-North Peninsula salmon harvest by species and day, 2004.**

Catch Date	Permits	Landings	Number of Fish				
			Chinook	Sockeye	Coho	Pink	Chum
Prior to 1-Jun	0	0	0	0	0	0	0
1-Jun	a	a	a	a	a	a	a
2-Jun	a	a	a	a	a	a	a
3-Jun to 6-Jun	0	0	0	0	0	0	0
7-Jun	a	a	a	a	a	a	a
8-Jun	4	4	195	1,996	0	0	3
9-Jun	6	6	236	3,346	0	0	2
10-Jun to 13-Jun	0	0	0	0	0	0	0
14-Jun	33	35	1,008	17,172	0	6	35
15-Jun	37	39	715	25,906	0	0	26
16-Jun	41	41	978	22,918	0	0	36
17-Jun	42	43	788	20,022	0	0	4
18-Jun	38	40	330	18,014	0	0	1
19-Jun	13	16	248	4,874	0	0	0
20-Jun	0	0	0	0	0	0	0
21-Jun	58	62	577	38,801	0	0	13
22-Jun	62	62	499	33,692	0	2	6
23-Jun	72	88	668	58,783	0	4	55
24-Jun	77	86	468	44,921	0	23	13
25-Jun	106	133	779	127,413	0	32	46
26-Jun	113	141	552	102,589	0	98	14
27-Jun	0	0	0	0	0	0	0
28-Jun	117	139	280	85,520	0	2	57
29-Jun	123	144	319	120,579	0	121	159
30-Jun	124	163	275	139,199	0	48	260
1-Jul	118	141	182	108,204	0	62	98
2-Jul	118	153	165	119,258	0	239	150
3-Jul	30	32	36	22,305	0	0	0
4-Jul	29	29	30	17,994	0	0	0
5-Jul	125	162	45	119,802	0	0	126
6-Jul	129	178	24	128,671	0	154	229
7-Jul	120	174	617	115,701	0	174	125
8-Jul	128	168	17	119,429	1	376	149
9-Jul	125	153	9	105,591	2	198	82
10-Jul	119	154	20	87,755	0	212	95
11-Jul	91	104	20	50,571	0	3	49
12-Jul	99	111	30	59,043	3	274	45
13-Jul	103	122	33	56,911	3	640	269
14-Jul	95	116	23	54,727	2	371	290
15-Jul	95	101	18	49,779	0	59	93
16-Jul	68	76	10	28,418	7	48	79
17-Jul	69	80	6	39,582	0	200	215
18-Jul	24	26	10	11,001	1	1	28
19-Jul	23	23	1	9,514	0	2	17
20-Jul	27	27	1	11,180	0	7	186
21-Jul	69	73	8	38,970	44	34	358

-continued-

**Table 13.-Page 2 of 2.**

Catch Date	Permits	Landings	Number of Fish				
			Chinook	Sockeye	Coho	Pink	Chum
22-Jul	70	72	8	26,821	51	205	549
23-Jul	58	64	2	19,419	31	44	352
24-Jul	42	43	0	16,132	131	367	150
25-Jul	49	50	3	11,308	28	10	260
26-Jul	56	59	6	16,112	46	6,013	466
27-Jul	45	45	2	15,095	44	17	216
28-Jul	50	50	4	18,140	118	23	441
29-Jul	51	51	1	24,658	152	5,291	1,419
30-Jul	39	41	4	14,968	237	120	314
31-Jul	38	41	1	8,696	172	10	246
1-Aug	0	0	0	0	0	0	0
2-Aug	17	19	1	8,606	6	88	1,078
3-Aug	16	18	0	2,544	11	5	415
4-Aug	12	12	0	6,510	36	3	1,723
5-Aug	12	12	0	2,456	64	40	224
6-Aug to 8-Aug	0	0	0	0	0	0	0
9-Aug	13	14	0	1,506	66	10	106
10-Aug	11	11	0	7,753	104	25	2,882
11-Aug	9	9	0	347	81	18	89
12-Aug	4	4	0	171	36	4	17
13-Aug to 15-Aug	0	0	0	0	0	0	0
16-Aug	15	15	0	1,672	1,231	44	177
17-Aug	10	11	0	1,234	1,610	46	87
18-Aug	16	16	0	1,725	862	4	282
19-Aug	9	9	0	275	452	22	10
20-Aug to 22-Aug	0	0	0	0	0	0	0
23-Aug	12	13	0	150	1,284	7	14
24-Aug	11	11	0	102	1,937	0	3
25-Aug	31	31	0	1,037	2,325	20	8
26-Aug	15	15	0	398	1,777	0	4
27-Aug	a	a	a	a	a	a	a
28-Aug	a	a	a	a	a	a	a
29-Aug	5	5	0	1,062	138	0	1
30-Aug	19	22	0	1,090	7,169	0	0
31-Aug	13	14	0	545	4,284	2	0
1-Sep	11	14	0	110	3,249	0	0
2-Sep	10	12	0	110	3,390	0	0
3-Sep	8	8	0	21	2,626	0	0
Post 3-Sep	0	0	0	0	0	0	0
<b>Total</b>	<b>144</b>	<b>4,264</b>	<b>10,402</b>	<b>2,433,778</b>	<b>33,920</b>	<b>15,828</b>	<b>14,958</b>

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

**Table 14.-North Peninsula coho salmon harvest (number of fish) by district and section, 1994-2004.**

Section	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	1994-2003 Average
Dublin Bay	0	0	0	0	0	0	0	0	0	0	0	0
Urilla Bay	4,885	2,201	6,442	0	3,561	1,686	5,601	0	0	0	0	3,047
Swanson Lagoon	82	1,755	835	270	126	486	27	0	0	0	0	448
Bechevin Bay <sup>a</sup>	108	0	0	42	0	30	0	0	0	0	0	23
Izembek - Moffet Bay <sup>a</sup>	12,250	1,681	0	0	0	0	0	23	25	37	15	1,744
Northwestern District Total	17,325	5,637	7,277	312	3,687	2,202	5,628	23	25	37	15	4,680
Black Hills	16	0	11	212	533	250	259	86	335	423	356	189
Caribou Flats	0	0	0	0	0	0	0	0	0	0	0	0
Nelson Lagoon	62,224	44,118	76,777	32,260	33,700	8,536	25,017	2,918	6,712	30,620	29,879	32,474
Herendeen - Moller Bay <sup>b</sup>	727	58	127	256	78	297	19	42	29	7	0	181
Bear River	14,493	15,502	11,742	6,330	6,011	14,029	10,111	10,031	13,080	10,379	1,743	11,259
Three Hills	11,160	9,548	6,174	6,048	10,221	9,298	5,630	3,135	5,863	3,982	944	7,453
Ilnik	20,706	12,611	9,860	5,377	23,886	17,468	12,584	4,488	2,387	5,617	649	12,152
Inner Port Heiden	25,017	12,115	27	18,544	5,705	835	11,623	0	0	0	0	8,207
Outer Port Heiden	0	0	0	0	0	0	0	0	0	0	0	0
Cinder River	90,245	36,050	45,318	25,437	50,903	992	12,784	1,439	320	2,072	334	29,276
Northern District Total	224,588	130,002	150,036	94,464	131,037	51,705	78,027	22,139	28,726	53,100	33,905	101,192
North Peninsula Total	241,913	135,639	157,313	94,776	134,724	53,907	83,655	22,162	28,751	53,137	33,920	100,598

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

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

**Table 15.-Northwestern District pink salmon runs (number of fish), 1962-2004.**

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

-continued-

**Table 15.-Page 2 of 4.**

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

-continued-

**Table 15.-Page 3 of 4.**

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

-continued-

**Table 15.-Page 4 of 4.**

Year		Izembek - Moffet Bay <sup>a</sup>	Bechevin, Swanson Lagoon & Urilia Bays <sup>a</sup>	Northwestern District Total <sup>b</sup>
1998	Catch	245	15,910	16,155
	Escapement <sup>c</sup>	9,000	120,500	129,500
	Total	9,245	136,410	145,655
1999	Catch	0	1,172	1,172
	Escapement <sup>c</sup>	0	14,500	14,500
	Total	0	15,672	15,672
2000	Catch	14	17,855	17,869
	Escapement <sup>c</sup>	0	35,900	35,900
	Total	14	53,755	53,769
2001	Catch	639	3,518	4,157
	Escapement <sup>c</sup>	400	6,500	6,900
	Total	1,039	10,018	11,057
2002	Catch	971	2,807	3,778
	Escapement <sup>c</sup>	1,200	10,700	11,900
	Total	2,171	13,507	15,678
2003	Catch	591	113	704
	Escapement <sup>c</sup>	0	800	800
	Total	591	913	1,504
2004	Catch	1,328	10,106	11,434
	Escapement <sup>c</sup>	1,000	84,300	85,300
	Total	2,328	94,406	96,734
1994-2003 Average				
	Catch	322	23,844	24,166
	Escapement <sup>c</sup>	3,100	48,980	52,080
	Total	3,415	72,823	76,239

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

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

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

**Table 16.-**Northern District chum salmon runs (number of fish), 1962-2004.

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

-continued-

Table 16.-Page 2 of 6.

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

-continued-

Table 16.-Page 3 of 6.

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

-continued-

Table 16.-Page 4 of 6.

Year		Cinder River	Port Heiden <sup>a</sup>	Three Hills & Ilnik	Bear River	Pt. Moller Bight, Herendeen-Moller Bay	Nelson Lagoon	Caribou Flats & Black Hills	Northern District Totals
1986	Catch	2	893	38,678	86,681	27,793	3,606	0	157,653
	Escapement <sup>b</sup>	2,200	12,000	0	6,400	55,800	800	700	77,900
	Total	2,202	12,893	38,678	93,081	83,593	4,406	700	235,553
1987	Catch	35	1,006	47,991	85,533	14,213	6,659	9	155,446
	Escapement <sup>b</sup>	2,400	55,400	100	5,000	88,600	5,200	4,700	161,400
	Total	2,435	56,406	48,091	90,533	102,813	11,859	4,709	316,846
1988	Catch	0	4,811	47,828	73,696	75,821	12,634	0	214,790
	Escapement <sup>b</sup>	5,300	41,600	100	3,000	76,500	11,000	6,600	144,100
	Total	5,300	46,411	47,928	76,696	152,321	23,634	6,600	358,890
1989	Catch	27	1,205	16,919	40,158	66,042	5,018	1,881	131,250
	Escapement <sup>b</sup>	5,000	8,900	0	3,500	83,400	800	700	102,300
	Total	5,027	10,105	16,919	43,658	149,442	5,818	2,581	233,550
1990	Catch	99	269	7,741	26,917	57,534	2,163	818	95,541
	Escapement <sup>b</sup>	4,000	7,000	200 <sup>c</sup>	1,100	101,600	1,000 <sup>c</sup>	700	115,600
	Total	4,099	7,269	7,941 <sup>c</sup>	28,017	159,134	3,163 <sup>c</sup>	1,518	211,141
1991	Catch	219	445	20,807	72,786	23,554	7,374	3,353	128,538
	Escapement <sup>b</sup>	4,500	13,400	0	2,400 <sup>c</sup>	55,000	5,000 <sup>c</sup>	1,200	81,500
	Total	4,719	13,845	20,807	75,186 <sup>c</sup>	78,554	12,374 <sup>c</sup>	4,553	210,038
1992	Catch	355	1,183	29,345	62,229	135,874	7,738	160	236,884
	Escapement <sup>b</sup>	5,000	22,100	300	500	89,700	16,200	2,600	136,400
	Total	5,355	23,283	29,645	62,729	225,574	23,938	2,760	373,284
1993	Catch	162	58	2,400	30,528	47,569	4,533	1,313	86,563
	Escapement <sup>b</sup>	4,000 <sup>c</sup>	11,000 <sup>c</sup>	400 <sup>c</sup>	5,700	156,700	4,400	1,200	183,400
	Total	4,162 <sup>c</sup>	11,058 <sup>c</sup>	2,800 <sup>c</sup>	36,228	204,269	8,933	2,513	269,963
1994	Catch	43	257	12,473	25,834	852	3,984	215	43,658
	Escapement <sup>b</sup>	24,400	30,000	300 <sup>c</sup>	4,000	163,600	5,500	3,000	230,800
	Total	24,443	30,257	12,773 <sup>c</sup>	29,834	164,452	9,484	3,215	274,458

-continued-

Table 16.-Page 5 of 6.

Year		Cinder River	Port Heiden <sup>a</sup>	Three Hills & Ilnik	Bear River	Pt. Moller Bight, Herendeen-Moller Bay	Nelson Lagoon	Caribou Flats & Black Hills	Northern District Totals
1995	Catch	50	109	28,154	36,937	2,498	4,583	257	72,588
	Escapement <sup>b</sup>	13,900	91,800	1,100	2,200	230,600	5,200	3,000	347,800
	Total	13,950	91,909	29,254	39,137	233,098	9,783	3,257	420,388
1996	Catch	19	517	17,061	34,844	546	6,296	942	60,225
	Escapement <sup>b</sup>	25,000 <sup>c</sup>	50,000 <sup>c</sup>	0	4,000	353,200	3,600	600	436,400
	Total	25,019 <sup>c</sup>	50,517 <sup>c</sup>	17,061	38,844	353,746	9,896	1,542	496,625
1997	Catch	72	5	9,224	31,212	4,454	3,828	2,374	51,169
	Escapement <sup>b</sup>	30,500	61,000 <sup>c</sup>	500	5,000	60,200	1,100	2,700	161,000
	Total	30,572	61,005 <sup>c</sup>	9,724	36,212	64,654	4,928	5,074	212,169
1998	Catch	993	24	5,781	11,731	260	9,085	9,613	37,487
	Escapement <sup>b</sup>	55,000	35,900	4,300	24,500	250,800	9,000	900	380,400
	Total	55,993	35,924	10,081	36,231	251,060	18,085	10,513	417,887
1999	Catch	19	0	11,052	12,493	166	5,093	13,397	42,220
	Escapement <sup>b</sup>	4,900	32,000	1,000	5,300	251,600	4,000	700	299,500
	Total	4,919	32,000	12,052	17,793	251,766	9,093	14,097	341,720
2000	Catch	0	0	37,619	16,533	55	5,255	3,625	63,087
	Escapement <sup>b</sup>	17,800	42,100	2,400	7,600	252,000	15,000	2,000	338,900
	Total	17,800	42,100	40,019	24,133	252,055	20,255	5,625	401,987
2001	Catch	9	0	17,887	16,486	13,518	5,343	8,054	61,297
	Escapement <sup>b</sup>	5,600	38,000	2,400	8,000	203,200	26,000	2,700	285,900
	Total	5,609	38,000	20,287	24,486	216,718	31,343	10,754	347,197
2002	Catch	0	104	6,564	13,452	110	6,849	2,122	29,201
	Escapement <sup>b</sup>	1,000	12,800	2,800	9,000	217,500	13,400	6,300	262,800
	Total	1,000	12,904	9,364	22,452	217,610	20,249	8,422	292,001
2003	Catch	0	0	5,870	5,898	1	7,320	3,089	22,178
	Escapement <sup>b</sup>	7,310	33,550	3,100	6,400	153,100	8,300	2,900	214,660
	Total	7,310	33,550	8,970	12,298	153,101	15,620	5,989	236,838

-continued-

**Table 16.-Page 6 of 6.**

Year		Cinder River	Port Heiden <sup>a</sup>	Three Hills & Ilnik	Bear River	Pt. Moller Bight, Herendeen- Moller Bay	Nelson Lagoon	Caribou Flats & Black Hills	Northern District Totals
2004	Catch	0	0	2,278	2,727	0	2,810	665	8,480
	Escapement <sup>b</sup>	1,000	44,200	3,400	6,200	72,850	8,700	3,000	139,350
	Total	1,000	44,200	5,678	8,927	72,850	11,510	3,665	147,830
1994-2003 Average									
	Catch	121	102	15,169	20,542	2,246	5,764	4,369	48,311
	Escapement <sup>b</sup>	18,541	42,715	1,790	7,600	213,580	9,110	2,480	295,816
	Total	18,662	42,817	16,959	28,142	215,826	14,874	6,849	344,127

<sup>a</sup> Includes Inner and Outer Port Heiden streams.

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

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

**Table 17.-Northwestern District chum salmon runs (number of fish), 1962-2004.**

Year		Izembek - Moffet Bay <sup>a</sup>	Bechevin, Swanson Lagoon & Urilia Bays <sup>a</sup>	Northwestern District Total <sup>b</sup>
1962	Catch	6,200	8,500	14,700
	Escapement <sup>c</sup>	68,000	48,000	116,500
	Total	74,200	57,000	131,200
1963	Catch	3,200	41,300	44,500
	Escapement <sup>c</sup>	133,500	22,300	155,800
	Total	136,700	63,600	200,300
1964	Catch	60,200	25,700	85,900
	Escapement <sup>c</sup>	95,500	16,000 <sup>d</sup>	111,500
	Total	155,700	41,700	197,400
1965	Catch	4,700	44,600	49,300
	Escapement <sup>c</sup>	24,000	1,800 <sup>d</sup>	25,800
	Total	28,700	46,400	75,100
1966	Catch	8,900	47,200	56,100
	Escapement <sup>c</sup>	54,000	10,000	64,000
	Total	62,900	57,200	120,100
1967	Catch	9,900	8,900	18,800
	Escapement <sup>c</sup>	32,800	15,400	48,200
	Total	42,700	24,300	67,000
1968	Catch	48,800	200	49,000
	Escapement <sup>c</sup>	142,700	19,800	162,500
	Total	191,500	20,000	211,500
1969	Catch	4,500	1,400	5,900
	Escapement <sup>c</sup>	95,300	8,000	103,300
	Total	99,800	9,400	109,200
1970	Catch	10,032	2,447	12,479
	Escapement <sup>c</sup>	58,100	5,600 <sup>d</sup>	63,700
	Total	68,132	8,047	76,179
1971	Catch	36,222	7,498	43,720
	Escapement <sup>c</sup>	54,100	5,900	60,000
	Total	90,322	13,398	103,720
1972	Catch	57,884	1,474	59,358
	Escapement <sup>c</sup>	65,800	11,200	77,000
	Total	123,684	12,674	136,358
1973	Catch	96,610	6,473	103,083
	Escapement <sup>c</sup>	68,100	7,500 <sup>d</sup>	75,600
	Total	164,710	13,973 <sup>d</sup>	178,683
1974	Catch	11,302	3,079	14,381
	Escapement <sup>c</sup>	76,000	6,100 <sup>d</sup>	82,100
	Total	87,302	9,179	96,481

-continued-

**Table 17.-Page 2 of 4.**

Year		Izembek - Moffet Bay <sup>a</sup>	Bechevin, Swanson Lagoon & Urilia Bays <sup>a</sup>	Northwestern District Total <sup>b</sup>
1975	Catch	3,362	515	3,877
	Escapement <sup>c</sup>	74,300	17,300	91,600
	Total	77,662	17,815	95,477
1976	Catch	38,094	7,901	45,995
	Escapement <sup>c</sup>	127,700	38,300	166,000
	Total	165,794	46,201	211,995
1977	Catch	20,344	22,590	42,934
	Escapement <sup>c</sup>	381,400	54,300	435,700
	Total	401,744	76,890	478,634
1978	Catch	82,316	48,334	130,650
	Escapement <sup>c</sup>	134,100	29,500	163,600
	Total	216,416	77,834	294,250
1979	Catch	17,825	12,515	30,340
	Escapement <sup>c</sup>	178,000	12,400	190,400
	Total	195,825	24,915	220,740
1980	Catch	282,516	84,995	367,511
	Escapement <sup>c</sup>	364,200	41,100	405,300
	Total	646,716	126,095	772,811
1981	Catch	296,440	59,056	355,496
	Escapement <sup>c</sup>	235,000	29,600	264,600
	Total	531,440	88,656	620,096
1982	Catch	57,450	37,669	95,119
	Escapement <sup>c</sup>	166,400	23,800	190,200
	Total	223,850	61,469	285,319
1983	Catch	154,767	13,929	169,626
	Escapement <sup>c</sup>	173,300	20,200	193,500
	Total	328,067	34,129	362,196
1984	Catch	102,692	79,763	182,455
	Escapement <sup>c</sup>	427,500	33,400	460,900
	Total	530,192	113,163	643,355
1985	Catch	126,644	116,483	243,127
	Escapement <sup>c</sup>	194,700	25,700	220,400
	Total	321,344	142,183	463,527
1986	Catch	69,118	44,445	113,563
	Escapement <sup>c</sup>	142,400	23,300	165,700
	Total	211,518	67,745	279,263
1987	Catch	148,638	64,612	213,250
	Escapement <sup>c</sup>	286,000	55,500	341,500
	Total	434,638	120,112	554,750

-continued-

**Table 17.-Page 3 of 4.**

Year		Izembek - Moffet Bay <sup>a</sup>	Bechevin, Swanson Lagoon & Urilia Bays <sup>a</sup>	Northwestern District Total <sup>b</sup>
1988	Catch	112,172	66,113	178,285
	Escapement <sup>c</sup>	304,400	51,800	356,200
	Total	416,572	117,913	534,485
1989	Catch	14,458	11,284	25,742
	Escapement <sup>c</sup>	90,600	19,400	110,000
	Total	105,058	30,684	135,742
1990	Catch	23,983	6,589	30,572
	Escapement <sup>c</sup>	92,500	18,400	110,900
	Total	116,483	24,989	141,472
1991	Catch	51,521	11,219	62,740
	Escapement <sup>c</sup>	172,400	49,400	221,800
	Total	223,921	60,619	284,540
1992	Catch	61,671	43,061	104,732
	Escapement <sup>c</sup>	182,200	33,100	215,300
	Total	243,871	76,161	320,032
1993	Catch	23,536	24,858	48,394
	Escapement <sup>c</sup>	172,900	46,100	219,000
	Total	196,436	70,958	267,394
1994	Catch	7,010	33,229	40,239
	Escapement <sup>c</sup>	140,500	108,900	249,400
	Total	147,510	142,129	289,639
1995	Catch	9,078	17,627	26,705
	Escapement <sup>c</sup>	88,300	320,000	408,300
	Total	97,378	337,627	435,005
1996	Catch	1,996	5,735	7,731
	Escapement <sup>c</sup>	278,200	108,500	386,700
	Total	280,196	114,235	394,431
1997	Catch	25,186	21,025	46,211
	Escapement <sup>c</sup>	179,500	47,700	227,200
	Total	204,686	68,725	273,411
1998	Catch	13,242	18,787	32,029
	Escapement <sup>c</sup>	281,800	67,300	349,100
	Total	295,042	86,087	381,129
1999	Catch	0	7,900	7,900
	Escapement <sup>c</sup>	310,200	56,600	366,800
	Total	310,200	64,500	374,700
2000	Catch	3,631	26,978	30,609
	Escapement <sup>c</sup>	196,800	52,400	249,200
	Total	200,431	79,378	279,809

-continued-

**Table 17.-Page 4 of 4.**

Year		Izembek - Moffet Bay <sup>a</sup>	Bechevin, Swanson Lagoon & Urilia Bays <sup>a</sup>	Northwestern District Total <sup>b</sup>
2001	Catch	74,419	38,807	113,226
	Escapement <sup>c</sup>	340,800	66,000	406,800
	Total	415,219	104,807	520,026
2002	Catch	13,793	8,046	21,839
	Escapement <sup>c</sup>	367,000	50,100	417,100
	Total	380,793	58,146	438,939
2003	Catch	9,868	6,709	16,577
	Escapement <sup>c</sup>	199,200	36,800	236,000
	Total	209,068	43,509	252,577
2004	Catch	5,353	1,125	6,478
	Escapement <sup>c</sup>	252,200	43,400	295,600
	Total	257,553	44,525	302,078
1994-2003 Average				
	Catch	15,822	18,484	34,307
	Escapement <sup>c</sup>	238,230	91,430	329,660
	Total	254,052	109,914	363,967

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

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

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

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

**Table 18.**-Chinook, pink, and chum salmon daily and cumulative escapement counts through the Nelson River weir, 2004.

Date	Daily			Cumulative		
	Chinook	Pink	Chum	Chinook	Pink	Chum
3-Jun	0	0	0	0	0	0
4-Jun	0	0	0	0	0	0
5-Jun	2	0	0	2	0	0
6-Jun	2	0	0	4	0	0
7-Jun	3	0	0	7	0	0
8-Jun	11	0	0	18	0	0
9-Jun	30	0	0	48	0	0
10-Jun	21	0	0	69	0	0
11-Jun	11	0	0	80	0	0
12-Jun	43	0	0	123	0	0
13-Jun	19	0	0	142	0	0
14-Jun	60	0	0	202	0	0
15-Jun	54	0	0	256	0	0
16-Jun	121	0	0	377	0	0
17-Jun	267	0	0	644	0	0
18-Jun	405	0	0	1,049	0	0
19-Jun	395	0	0	1,444	0	0
20-Jun	217	0	0	1,661	0	0
21-Jun	585	0	0	2,246	0	0
22-Jun	141	0	0	2,387	0	0
23-Jun	510	0	0	2,897	0	0
24-Jun	152	7	0	3,049	7	0
25-Jun	113	9	0	3,162	16	0
26-Jun	603	5	0	3,765	21	0
27-Jun	323	56	0	4,088	77	0
28-Jun	372	19	0	4,460	96	0
29-Jun	78	14	0	4,538	110	0
30-Jun	100	9	1	4,638	119	1
1-Jul	221	6	0	4,859	125	1
2-Jul	150	6	0	5,009	131	1
3-Jul	49	10	0	5,058	141	1
4-Jul	10	11	0	5,068	152	1
5-Jul	14	10	0	5,082	162	1
6-Jul	43	17	2	5,125	179	3
7-Jul	31	16	0	5,156	195	3
8-Jul	29	31	2	5,185	226	5
9-Jul	38	71	0	5,223	297	5
10-Jul	32	37	2	5,255	334	7
11-Jul	39	24	39	5,294	358	46
12-Jul	16	17	19	5,310	375	65
13-Jul	302	21	24	5,612	396	89
14-Jul	67	7	3	5,679	403	92
15-Jul	42	13	14	5,721	416	106
16-Jul	91	39	54	5,812	455	160
17-Jul	25	38	31	5,837	493	191

-continued-

**Table 18.-Page 2 of 2.**

Date	Daily			Cumulative		
	Chinook	Pink	Chum	Chinook	Pink	Chum
18-Jul	31	26	55	5,868	519	246
19-Jul	24	17	26	5,892	536	272
20-Jul	80	13	205	5,972	549	477
21-Jul	42	12	219	6,014	561	696
22-Jul	37	38	42	6,051	599	738
23-Jul	14	36	48	6,065	635	786
24-Jul	44	42	276	6,109	677	1,062
25-Jul	173	78	866	6,282	755	1,928
Total	6,282	755	1,928	6,282	755	1,928

**Table 19.**-Chinook, pink, and chum salmon daily and cumulative escapement counts through the Bear River weir, 2004.

Date	Daily			Cumulative		
	Chinook	Pink	Chum	Chinook	Pink	Chum
30-May to 22-Jun	0	0	0	0	0	0
23-Jun	0	1	0	0	1	0
24-Jun	0	0	0	0	1	0
25-Jun	0	0	0	0	1	0
26-Jun	0	0	0	0	1	0
27-Jun	0	0	0	0	1	0
28-Jun	0	2	0	0	3	0
29-Jun	0	1	0	0	4	0
30-Jun	0	0	0	0	4	0
1-Jul	0	0	0	0	4	0
2-Jul	0	1	0	0	5	0
3-Jul	0	3	0	0	8	0
4-Jul	0	8	0	0	16	0
5-Jul	0	4	0	0	20	0
6-Jul	1	44	0	1	64	0
7-Jul	0	2	0	1	66	0
8-Jul	0	28	0	1	94	0
9-Jul	0	24	0	1	118	0
10-Jul	0	10	0	1	128	0
11-Jul	1	8	0	2	136	0
12-Jul	0	15	0	2	151	0
13-Jul	0	11	1	2	162	1
14-Jul	0	16	0	2	178	1
15-Jul	0	23	0	2	201	1
16-Jul	0	16	0	2	217	1
17-Jul	0	16	0	2	233	1
18-Jul	0	4	0	2	237	1
19-Jul	0	11	0	2	248	1
20-Jul	0	21	0	2	269	1
21-Jul	0	24	0	2	293	1
22-Jul	0	94	0	2	387	1
23-Jul	0	55	0	2	442	1
24-Jul	0	15	0	2	457	1
25-Jul	0	29	0	2	486	1
26-Jul	0	23	0	2	509	1
27-Jul	0	26	0	2	535	1
28-Jul	0	41	0	2	576	1
29-Jul	0	36	0	2	612	1
30-Jul	0	64	0	2	676	1
31-Jul	1	52	1	3	728	2
1-Aug	0	43	3	3	771	5
2-Aug	0	20	0	3	791	5
3-Aug	0	42	2	3	833	7
4-Aug	0	31	0	3	864	7
5-Aug	0	23	0	3	887	7

-continued-

**Table 19.-Page 2 of 2.**

Date	Daily			Cumulative		
	Chinook	Pink	Chum	Chinook	Pink	Chum
6-Aug	0	30	0	0	30	0
7-Aug	0	61	1	0	91	1
8-Aug	0	65	1	0	156	2
9-Aug	0	50	4	0	206	6
10-Aug	0	41	7	0	247	13
11-Aug	0	48	4	0	295	17
12-Aug	0	34	2	0	329	19
13-Aug	0	34	0	0	363	19
14-Aug	1	19	3	1	382	22
15-Aug	0	14	0	1	396	22
16-Aug	1	17	7	2	413	29
17-Aug	0	38	2	2	451	31
18-Aug	0	38	5	2	489	36
19-Aug	0	27	7	2	516	43
20-Aug	0	32	21	2	548	64
21-Aug	0	51	6	2	599	70
22-Aug	0	16	8	2	615	78
23-Aug	0	20	6	2	635	84
24-Aug	0	15	12	2	650	96
<b>Total</b>	<b>2</b>	<b>650</b>	<b>96</b>	<b>2</b>	<b>650</b>	<b>96</b>

**Table 20.**-Chinook, pink, and chum salmon daily and cumulative escapement counts through the Sandy River weir, 2004.

Date	Daily			Cumulative		
	Chinook	Pink	Chum	Chinook	Pink	Chum
13-Jun	0	0	0	0	0	0
14-Jun	0	0	0	0	0	0
15-Jun	0	0	0	0	0	0
16-Jun	4	0	0	4	0	0
17-Jun	1	0	0	5	0	0
18-Jun	0	0	0	5	0	0
19-Jun	0	0	0	5	0	0
20-Jun	2	0	0	7	0	0
21-Jun	0	0	0	7	0	0
22-Jun	1	0	0	8	0	0
23-Jun	0	0	0	8	0	0
24-Jun	2	0	0	10	0	0
25-Jun	0	0	0	10	0	0
26-Jun	1	0	0	11	0	0
27-Jun	2	0	0	13	0	0
28-Jun	0	0	0	13	0	0
29-Jun	2	0	0	15	0	0
30-Jun	7	0	0	22	0	0
1-Jul	2	0	0	24	0	0
2-Jul	2	0	0	26	0	0
3-Jul	3	2	0	29	2	0
4-Jul	5	5	0	34	7	0
5-Jul	9	5	0	43	12	0
6-Jul	2	0	0	45	12	0
7-Jul	4	2	0	49	14	0
8-Jul	22	4	0	71	18	0
9-Jul	57	5	0	128	23	0
10-Jul	64	0	0	192	23	0
11-Jul	38	1	0	230	24	0
12-Jul	36	11	0	266	35	0
13-Jul	0	0	0	266	35	0
14-Jul	15	7	2	281	42	2
15-Jul	69	23	3	350	65	5
16-Jul	2	0	1	352	65	6
17-Jul	0	0	0	352	65	6
18-Jul	31	4	1	383	69	7
19-Jul	0	0	0	383	69	7
Total	383	69	7	383	69	7

**Table 21.**-Chinook, pink, and chum salmon daily and cumulative escapement counts through the Ilnik River weir, 2004.

Date	Daily			Cumulative		
	Chinook	Pink	Chum	Chinook	Pink	Chum
28-May to 8-Jun	0	0	0	0	0	0
9-Jun	1	0	0	1	0	0
10-Jun	0	0	0	1	0	0
11-Jun	0	0	0	1	0	0
12-Jun	0	0	0	1	0	0
13-Jun	0	0	0	1	0	0
14-Jun	0	0	0	1	0	0
15-Jun	1	4	1	2	4	1
16-Jun	0	0	0	2	4	1
17-Jun	0	2	0	2	6	1
18-Jun	0	0	0	2	6	1
19-Jun	0	0	0	2	6	1
20-Jun	0	0	0	2	6	1
21-Jun	0	3	0	2	9	1
22-Jun	0	3	0	2	12	1
23-Jun	0	7	0	2	19	1
24-Jun	2	2	0	4	21	1
25-Jun	0	2	0	4	23	1
26-Jun	0	7	0	4	30	1
27-Jun	0	5	0	4	35	1
28-Jun	0	9	0	4	44	1
29-Jun	0	9	0	4	53	1
30-Jun	0	6	0	4	59	1
1-Jul	0	5	0	4	64	1
2-Jul	0	22	0	4	86	1
3-Jul	1	8	0	5	94	1
4-Jul	0	19	0	5	113	1
5-Jul	0	2	0	5	115	1
6-Jul	0	2	0	5	117	1
7-Jul	4	16	0	9	133	1
8-Jul	0	4	0	9	137	1
9-Jul	0	10	0	9	147	1
10-Jul	1	4	0	10	151	1
11-Jul	1	35	0	11	186	1
12-Jul	2	44	0	13	230	1
13-Jul	0	21	0	13	251	1
14-Jul	1	15	0	14	266	1
15-Jul	0	33	0	14	299	1
14-Jul	1	4	0	15	303	1
15-Jul	1	2	0	16	305	1
Total	16	305	1	16	305	1

**Table 22.-Sockeye salmon daily and cumulative escapement counts through the Nelson River weir, 2004.**

Date	Daily			Cumulative			Daily Percent		Cumulative Percent		
	Adults	Jacks	Total	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total
3-Jun	13	0	13	13	0	13	100.0	0.0	0.0	0.0	0.0
4-Jun	15	0	15	28	0	28	100.0	0.0	0.0	0.0	0.0
5-Jun	30	0	30	58	0	58	100.0	0.0	0.0	0.0	0.0
6-Jun	56	3	59	114	3	117	94.9	5.1	0.0	0.0	0.0
7-Jun	194	16	210	308	19	327	92.4	7.6	0.1	0.0	0.1
8-Jun	288	8	296	596	27	623	97.3	2.7	0.1	0.0	0.1
9-Jun	303	12	315	899	39	938	96.2	3.8	0.2	0.0	0.2
10-Jun	252	14	266	1,151	53	1,204	94.7	5.3	0.2	0.0	0.3
11-Jun	478	12	490	1,629	65	1,694	97.6	2.4	0.3	0.0	0.4
12-Jun	830	40	870	2,459	105	2,564	95.4	4.6	0.5	0.0	0.6
13-Jun	960	27	987	3,419	132	3,551	97.3	2.7	0.7	0.0	0.8
14-Jun	889	19	908	4,308	151	4,459	97.9	2.1	0.9	0.0	1.0
15-Jun	1,766	48	1,814	6,074	199	6,273	97.4	2.6	1.3	0.0	1.3
16-Jun	2,636	92	2,728	8,710	291	9,001	96.6	3.4	1.9	0.1	1.9
17-Jun	4,137	125	4,262	12,847	416	13,263	97.1	2.9	2.8	0.1	2.8
18-Jun	2,014	41	2,055	14,861	457	15,318	98.0	2.0	3.2	0.1	3.3
19-Jun	2,013	52	2,065	16,874	509	17,383	97.5	2.5	3.6	0.1	3.7
20-Jun	3,906	103	4,009	20,780	612	21,392	97.4	2.6	4.5	0.1	4.6
21-Jun	7,670	154	7,824	28,450	766	29,216	98.0	2.0	6.1	0.2	6.3
22-Jun	3,274	57	3,331	31,724	823	32,547	98.3	1.7	6.8	0.2	7.0
23-Jun	4,494	126	4,620	36,218	949	37,167	97.3	2.7	7.8	0.2	8.0
24-Jun	2,179	57	2,236	38,397	1,006	39,403	97.5	2.5	8.2	0.2	8.5
25-Jun	4,091	85	4,176	42,488	1,091	43,579	98.0	2.0	9.1	0.2	9.3
26-Jun	9,284	216	9,500	51,772	1,307	53,079	97.7	2.3	11.1	0.3	11.4
27-Jun	12,455	245	12,700	64,227	1,552	65,779	98.1	1.9	13.8	0.3	14.1
28-Jun	22,525	270	22,795	86,752	1,822	88,574	98.8	1.2	18.6	0.4	19.0
29-Jun	7,723	96	7,819	94,475	1,918	96,393	98.8	1.2	20.3	0.4	20.7
30-Jun	10,700	187	10,887	105,175	2,105	107,280	98.3	1.7	22.6	0.5	23.0

-continued-

**Table 22.-Page 2 of 2.**

Date	Daily			Cumulative			Daily Percent		Cumulative Percent		
	Adults	Jacks	Total	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total
1-Jul	19,947	242	20,189	125,122	2,347	127,469	98.8	1.2	26.8	0.5	27.3
2-Jul	17,455	220	17,675	142,577	2,567	145,144	98.8	1.2	30.6	0.6	31.1
3-Jul	25,550	397	25,947	168,127	2,964	171,091	98.5	1.5	36.1	0.6	36.7
4-Jul	14,854	380	15,234	182,981	3,344	186,325	97.5	2.5	39.3	0.7	40.0
5-Jul	10,014	208	10,222	192,995	3,552	196,547	98.0	2.0	41.4	0.8	42.2
6-Jul	16,213	301	16,514	209,208	3,853	213,061	98.2	1.8	44.9	0.8	45.7
7-Jul	15,002	264	15,266	224,210	4,117	228,327	98.3	1.7	48.1	0.9	49.0
8-Jul	21,079	350	21,429	245,289	4,467	249,756	98.4	1.6	52.6	1.0	53.6
9-Jul	34,650	521	35,171	279,939	4,988	284,927	98.5	1.5	60.1	1.1	61.1
10-Jul	42,748	496	43,244	322,687	5,484	328,171	98.9	1.1	69.2	1.2	70.4
11-Jul	32,605	299	32,904	355,292	5,783	361,075	99.1	0.9	76.2	1.2	77.5
12-Jul	15,290	229	15,519	370,582	6,012	376,594	98.5	1.5	79.5	1.3	80.8
13-Jul	13,421	206	13,627	384,003	6,218	390,221	98.5	1.5	82.4	1.3	83.7
14-Jul	8,149	150	8,299	392,152	6,368	398,520	98.2	1.8	84.1	1.4	85.5
15-Jul	7,194	117	7,311	399,346	6,485	405,831	98.4	1.6	85.7	1.4	87.1
16-Jul	14,449	298	14,747	413,795	6,783	420,578	98.0	2.0	88.8	1.5	90.2
17-Jul	7,415	196	7,611	421,210	6,979	428,189	97.4	2.6	90.4	1.5	91.9
18-Jul	5,229	124	5,353	426,439	7,103	433,542	97.7	2.3	91.5	1.5	93.0
19-Jul	6,385	175	6,560	432,824	7,278	440,102	97.3	2.7	92.8	1.6	94.4
20-Jul	1,960	90	2,050	434,784	7,368	442,152	95.6	4.4	93.3	1.6	94.8
21-Jul	7,676	199	7,875	442,460	7,567	450,027	97.5	2.5	94.9	1.6	96.5
22-Jul	3,845	101	3,946	446,305	7,668	453,973	97.4	2.6	95.7	1.6	97.4
23-Jul	2,846	78	2,924	449,151	7,746	456,897	97.3	2.7	96.3	1.7	98.0
24-Jul	2,729	51	2,780	451,880	7,797	459,677	98.2	1.8	96.9	1.7	98.6
25-Jul	6,396	101	6,497	458,276	7,898	466,174	98.4	1.6	98.3	1.7	100.0
26-Jul	Weir removed										
Total	458,276	7,898	466,174								
Post Weir Sockeye Escapement Estimate:			13,923								
Estimated Total Sockeye Escapement:			480,097								

89

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

**Table 23.-**Sockeye salmon daily and cumulative escapement counts through the Bear River weir, 2004.

Date	Daily			Cumulative			Daily Percent		Cumulative Percent		
	Adults	Jacks	Total	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total
30-May	13	0	13	13	0	13	100.0	0.0	0.0	0.0	0.0
31-May	152	5	157	165	5	170	96.8	3.2	0.0	0.0	0.0
1-Jun	249	0	249	414	5	419	100.0	0.0	0.1	0.0	0.1
2-Jun	364	1	365	778	6	784	99.7	0.3	0.2	0.0	0.2
3-Jun	374	0	374	1,152	6	1,158	100.0	0.0	0.3	0.0	0.3
4-Jun	788	1	789	1,940	7	1,947	99.9	0.1	0.5	0.0	0.5
5-Jun	578	0	578	2,518	7	2,525	100.0	0.0	0.6	0.0	0.6
6-Jun	587	0	587	3,105	7	3,112	100.0	0.0	0.7	0.0	0.7
7-Jun	508	0	508	3,613	7	3,620	100.0	0.0	0.8	0.0	0.8
8-Jun	175	0	175	3,788	7	3,795	100.0	0.0	0.9	0.0	0.9
9-Jun	379	3	382	4,167	10	4,177	99.2	0.8	1.0	0.0	1.0
10-Jun	303	4	307	4,470	14	4,484	98.7	1.3	1.0	0.0	1.0
11-Jun	3,622	2	3,624	8,092	16	8,108	99.9	0.1	1.9	0.0	1.9
12-Jun	1,384	3	1,387	9,476	19	9,495	99.8	0.2	2.2	0.0	2.2
13-Jun	2,074	2	2,076	11,550	21	11,571	99.9	0.1	2.7	0.0	2.7
14-Jun	8,014	3	8,017	19,564	24	19,588	100.0	0.0	4.5	0.0	4.5
15-Jun	9,125	7	9,132	28,689	31	28,720	99.9	0.1	6.7	0.0	6.7
16-Jun	3,551	19	3,570	32,240	50	32,290	99.5	0.5	7.5	0.0	7.5
17-Jun	3,122	8	3,130	35,362	58	35,420	99.7	0.3	8.2	0.0	8.2
18-Jun	3,212	3	3,215	38,574	61	38,635	99.9	0.1	9.0	0.0	9.0
19-Jun	4,865	12	4,877	43,439	73	43,512	99.8	0.2	10.1	0.0	10.1
20-Jun	7,421	42	7,463	50,860	115	50,975	99.4	0.6	11.8	0.0	11.8
21-Jun	17,468	45	17,513	68,328	160	68,488	99.7	0.3	15.9	0.0	15.9
22-Jun	3,128	52	3,180	71,456	212	71,668	98.4	1.6	16.6	0.0	16.6
23-Jun	776	26	802	72,232	238	72,470	96.8	3.2	16.8	0.1	16.8
24-Jun	1,420	51	1,471	73,652	289	73,941	96.5	3.5	17.1	0.1	17.2
25-Jun	749	47	796	74,401	336	74,737	94.1	5.9	17.3	0.1	17.4
26-Jun	919	170	1,089	75,320	506	75,826	84.4	15.6	17.5	0.1	17.6
27-Jun	2,023	48	2,071	77,343	554	77,897	97.7	2.3	18.0	0.1	18.1
28-Jun	5,812	64	5,876	83,155	618	83,773	98.9	1.1	19.3	0.1	19.5
29-Jun	7,989	162	8,151	91,144	780	91,924	98.0	2.0	21.2	0.2	21.3

-continued-

Table 23.-Page 3 of 3.

Date	Daily			Cumulative			Daily Percent		Cumulative Percent		
	Adults	Jacks	Total	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total
31-Jul	3,828	127	3,955	349,958	4,597	354,555	96.8	3.2	81.3	1.1	82.3
1-Aug	2,951	103	3,054	352,909	4,700	357,609	96.6	3.4	81.9	1.1	83.0
2-Aug	2,022	52	2,074	354,931	4,752	359,683	97.5	2.5	82.4	1.1	83.5
3-Aug	3,232	86	3,318	358,163	4,838	363,001	97.4	2.6	83.2	1.1	84.3
4-Aug	3,636	53	3,689	361,799	4,891	366,690	98.6	1.4	84.0	1.1	85.1
5-Aug	2,431	60	2,491	364,230	4,951	369,181	97.6	2.4	84.6	1.1	85.7
6-Aug	2,836	50	2,886	367,066	5,001	372,067	98.3	1.7	85.2	1.2	86.4
7-Aug	6,197	159	6,356	373,263	5,160	378,423	97.5	2.5	86.7	1.2	87.9
8-Aug	5,212	118	5,330	378,475	5,278	383,753	97.8	2.2	87.9	1.2	89.1
9-Aug	2,765	46	2,811	381,240	5,324	386,564	98.4	1.6	88.5	1.2	89.8
10-Aug	3,125	68	3,193	384,365	5,392	389,757	97.9	2.1	89.2	1.3	90.5
11-Aug	3,936	77	4,013	388,301	5,469	393,770	98.1	1.9	90.2	1.3	91.4
12-Aug	2,389	38	2,427	390,690	5,507	396,197	98.4	1.6	90.7	1.3	92.0
13-Aug	1,834	35	1,869	392,524	5,542	398,066	98.1	1.9	91.1	1.3	92.4
14-Aug	1,735	52	1,787	394,259	5,594	399,853	97.1	2.9	91.5	1.3	92.8
15-Aug	917	19	936	395,176	5,613	400,789	98.0	2.0	91.8	1.3	93.1
16-Aug	4,185	117	4,302	399,361	5,730	405,091	97.3	2.7	92.7	1.3	94.1
17-Aug	5,129	163	5,292	404,490	5,893	410,383	96.9	3.1	93.9	1.4	95.3
18-Aug	3,819	169	3,988	408,309	6,062	414,371	95.8	4.2	94.8	1.4	96.2
19-Aug	1,922	64	1,986	410,231	6,126	416,357	96.8	3.2	95.2	1.4	96.7
20-Aug	6,117	202	6,319	416,348	6,328	422,676	96.8	3.2	96.7	1.5	98.1
21-Aug	5,481	226	5,707	421,829	6,554	428,383	96.0	4.0	97.9	1.5	99.5
22-Aug	1,264	58	1,322	423,093	6,612	429,705	95.6	4.4	98.2	1.5	99.8
23-Aug	308	14	322	423,401	6,626	430,027	95.7	4.3	98.3	1.5	99.8
24-Aug	653	19	672	424,054	6,645	430,699	97.2	2.8	98.5	1.5	100.0
25-Aug weir pulled											
Total	424,054	6,645	430,699								
Post Weir Sockeye Escapement Estimate: <sup>a</sup>				4,301							
Estimated Total Sockeye Escapement:				435,000							

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

**Table 24.-**Sockeye salmon daily and cumulative escapement counts through the Sandy River weir, 2004.

Date	Daily			Cumulative			Daily Percent		Cumulative Percent		
	Adults	Jacks	Total	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total
13-Jun	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
14-Jun	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
15-Jun	171	1	172	171	1	172	99.4	0.6	1.2	0.0	1.2
16-Jun	453	1	454	624	2	626	99.8	0.2	4.3	0.0	4.3
17-Jun	709	13	722	1,333	15	1,348	98.2	1.8	9.2	0.1	9.3
18-Jun	41	0	41	1,374	15	1,389	100.0	0.0	9.5	0.1	9.6
19-Jun	112	4	116	1,486	19	1,505	96.6	3.4	10.3	0.1	10.4
20-Jun	638	6	644	2,124	25	2,149	99.1	0.9	14.7	0.2	14.9
21-Jun	54	2	56	2,178	27	2,205	96.4	3.6	15.1	0.2	15.3
22-Jun	127	0	127	2,305	27	2,332	100.0	0.0	15.9	0.2	16.1
23-Jun	60	1	61	2,365	28	2,393	98.4	1.6	16.4	0.2	16.6
24-Jun	104	1	105	2,469	29	2,498	99.0	1.0	17.1	0.2	17.3
25-Jun	124	4	128	2,593	33	2,626	96.9	3.1	17.9	0.2	18.2
26-Jun	119	5	124	2,712	38	2,750	96.0	4.0	18.8	0.3	19.0
27-Jun	68	1	69	2,780	39	2,819	98.6	1.4	19.2	0.3	19.5
28-Jun	9	1	10	2,789	40	2,829	90.0	10.0	19.3	0.3	19.6
29-Jun	17	4	21	2,806	44	2,850	81.0	19.0	19.4	0.3	19.7
30-Jun	39	2	41	2,845	46	2,891	95.1	4.9	19.7	0.3	20.0
1-Jul	28	6	34	2,873	52	2,925	82.4	17.6	19.9	0.4	20.2
2-Jul	36	2	38	2,909	54	2,963	94.7	5.3	20.1	0.4	20.5
3-Jul	637	12	649	3,546	66	3,612	98.2	1.8	24.5	0.5	25.0
4-Jul	859	5	864	4,405	71	4,476	99.4	0.6	30.5	0.5	31.0
5-Jul	1,212	19	1,231	5,617	90	5,707	98.5	1.5	38.8	0.6	39.5
6-Jul	804	18	822	6,421	108	6,529	97.8	2.2	44.4	0.7	45.2
7-Jul	888	14	902	7,309	122	7,431	98.4	1.6	50.5	0.8	51.4
8-Jul	627	14	641	7,936	136	8,072	97.8	2.2	54.9	0.9	55.8
9-Jul	578	35	613	8,514	171	8,685	94.3	5.7	58.9	1.2	60.1
10-Jul	919	19	938	9,433	190	9,623	98.0	2.0	65.2	1.3	66.6
11-Jul	633	1	634	10,066	191	10,257	99.8	0.2	69.6	1.3	70.9
12-Jul	789	3	792	10,855	194	11,049	99.6	0.4	75.1	1.3	76.4

-continued-

**Table 24.-**Page 2 of 2.

Date	Daily			Cumulative			Daily Percent		Cumulative Percent		
	Adults	Jacks	Total	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total
13-Jul	77	0	77	10,932	194	11,126	100.0	0.0	75.6	1.3	76.9
14-Jul	1,234	10	1,244	12,166	204	12,370	99.2	0.8	84.1	1.4	85.6
15-Jul	708	11	719	12,874	215	13,089	98.5	1.5	89.0	1.5	90.5
16-Jul	68	0	68	12,942	215	13,157	100.0	0.0	89.5	1.5	91.0
17-Jul	0	0	0	12,942	215	13,157	100.0	0.0	89.5	1.5	91.0
18-Jul	1,295	0	1,295	14,237	215	14,452	100.0	0.0	98.5	1.5	100.0
19-Jul	7	0	7	14,244	215	14,459	100.0	0.0	98.5	1.5	100.0
20-Jul	Weir pulled										
Total	14,244	215	14,459								
Post Weir Sockeye Escapement Estimate: <sup>a</sup>			17,541								
Estimated Total Sockeye Escapement:			32,000								

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

**Table 25.-**Sockeye salmon daily and cumulative escapement counts through the Ilnik River weir, 2004.

Date	Daily			Cumulative			Daily Percent		Cumulative Percent		
	Adults	Jacks	Total	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total
28-May	71	0	71	71	0	71	100.0	0.0	0.1	0.0	0.1
29-May	482	0	482	553	0	553	100.0	0.0	0.7	0.0	0.7
30-May	93	0	93	646	0	646	100.0	0.0	0.8	0.0	0.8
31-May	323	1	324	969	1	970	99.7	0.3	1.2	0.0	1.2
1-Jun	178	0	178	1,147	1	1,148	100.0	0.0	1.4	0.0	1.4
2-Jun	210	1	211	1,357	2	1,359	99.5	0.5	1.7	0.0	1.7
3-Jun	346	0	346	1,703	2	1,705	100.0	0.0	2.1	0.0	2.1
4-Jun	661	3	664	2,364	5	2,369	99.5	0.5	2.9	0.0	2.9
5-Jun	457	0	457	2,821	5	2,826	100.0	0.0	3.5	0.0	3.5
6-Jun	651	5	656	3,472	10	3,482	99.2	0.8	4.3	0.0	4.3
7-Jun	1,324	10	1,334	4,796	20	4,816	99.3	0.7	6.0	0.0	6.0
8-Jun	1,274	11	1,285	6,070	31	6,101	99.1	0.9	7.5	0.0	7.6
9-Jun	1,750	5	1,755	7,820	36	7,856	99.7	0.3	9.7	0.0	9.8
10-Jun	1,155	4	1,159	8,975	40	9,015	99.7	0.3	11.1	0.0	11.2
11-Jun	3,126	5	3,131	12,101	45	12,146	99.8	0.2	15.0	0.1	15.1
12-Jun	2,377	14	2,391	14,478	59	14,537	99.4	0.6	18.0	0.1	18.1
13-Jun	2,399	3	2,402	16,877	62	16,939	99.9	0.1	21.0	0.1	21.0
14-Jun	1,156	6	1,162	18,033	68	18,101	99.5	0.5	22.4	0.1	22.5
15-Jun	2,587	8	2,595	20,620	76	20,696	99.7	0.3	25.6	0.1	25.7
16-Jun	5,027	23	5,050	25,647	99	25,746	99.5	0.5	31.9	0.1	32.0
17-Jun	3,511	4	3,515	29,158	103	29,261	99.9	0.1	36.2	0.1	36.3
18-Jun	1,290	1	1,291	30,448	104	30,552	99.9	0.1	37.8	0.1	38.0
19-Jun	4,347	9	4,356	34,795	113	34,908	99.8	0.2	43.2	0.1	43.4
20-Jun	2,589	8	2,597	37,384	121	37,505	99.7	0.3	46.4	0.2	46.6
21-Jun	2,945	9	2,954	40,329	130	40,459	99.7	0.3	50.1	0.2	50.3
22-Jun	3,774	20	3,794	44,103	150	44,253	99.5	0.5	54.8	0.2	55.0
23-Jun	2,836	23	2,859	46,939	173	47,112	99.2	0.8	58.3	0.2	58.5
24-Jun	4,383	15	4,398	51,322	188	51,510	99.7	0.3	63.8	0.2	64.0
25-Jun	3,977	17	3,994	55,299	205	55,504	99.6	0.4	68.7	0.3	68.9
26-Jun	3,761	18	3,779	59,060	223	59,283	99.5	0.5	73.4	0.3	73.6
27-Jun	1,828	5	1,833	60,888	228	61,116	99.7	0.3	75.6	0.3	75.9

-continued-

**Table 25.-Page 2 of 2.**

Date	Daily			Cumulative			Daily Percent		Cumulative Percent			
	Adults	Jacks	Total	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total	
28-Jun	1,317	2	1,319	62,205	230	62,435	99.8	0.2	77.3	0.3	77.6	
29-Jun	2,235	2	2,237	64,440	232	64,672	99.9	0.1	80.1	0.3	80.3	
30-Jun	2,485	3	2,488	66,925	235	67,160	99.9	0.1	83.1	0.3	83.4	
1-Jul	2,404	4	2,408	69,329	239	69,568	99.8	0.2	86.1	0.3	86.4	
2-Jul	2,039	11	2,050	71,368	250	71,618	99.5	0.5	88.7	0.3	89.0	
3-Jul	1,411	6	1,417	72,779	256	73,035	99.6	0.4	90.4	0.3	90.7	
4-Jul	1,941	7	1,948	74,720	263	74,983	99.6	0.4	92.8	0.3	93.1	
5-Jul	1,322	0	1,322	76,042	263	76,305	100.0	0.0	94.5	0.3	94.8	
6-Jul	1,125	2	1,127	77,167	265	77,432	99.8	0.2	95.9	0.3	96.2	
7-Jul	1,115	1	1,116	78,282	266	78,548	99.9	0.1	97.2	0.3	97.6	
8-Jul	503	1	504	78,785	267	79,052	99.8	0.2	97.9	0.3	98.2	
9-Jul	252	1	253	79,037	268	79,305	99.6	0.4	98.2	0.3	98.5	
10-Jul	218	0	218	79,255	268	79,523	100.0	0.0	98.5	0.3	98.8	
11-Jul	229	2	231	79,484	270	79,754	99.1	0.9	98.7	0.3	99.1	
12-Jul	395	4	399	79,879	274	80,153	99.0	1.0	99.2	0.3	99.6	
13-Jul	182	4	186	80,061	278	80,339	97.8	2.2	99.5	0.3	99.8	
14-Jul	86	0	86	80,147	278	80,425	100.0	0.0	99.6	0.3	99.9	
15-Jul	72	2	74	80,219	280	80,499	97.3	2.7	99.7	0.3	100.0	
16-Jul	Weir pulled											
Total	80,219	280	80,499									
Post Weir Sockeye Escapement Estimate: a				1,501								
Estimated Total Sockeye Escapement:				82,000								

74

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

**Table 26.**-Historical North Peninsula sockeye salmon escapements of weired salmon systems, 1986-2004.

Year	Sandy River	Bear River	Ilnik River <sup>a</sup>	Nelson River <sup>b</sup>
1986		272,500		
1987		258,000		
1988		313,000		
1989		451,000		193,300
1990		546,800		240,700
1991		606,000	135,000	268,400
1992		450,000	45,000	162,300
1993		452,000	70,000	207,200
1994	115,000	465,000	75,000	325,300
1995	125,000	305,000	39,000	329,400
1996	64,000	367,000	62,000	250,500
1997	38,000	360,000	82,000	183,100
1998	52,000	415,000	50,000	159,800
1999	58,000	350,000	75,000	202,067
2000	40,000	275,000	95,000	182,700
2001	51,000	300,000	58,000	201,962
2002	49,000	275,000	43,000	315,693
2003	66,000	366,000	69,000	343,511
2004	32,000	435,000	82,000	480,097
1994-2003 Average <sup>c</sup>	65,800	347,800	64,800	249,403

<sup>a</sup> During all years, Ocean River flowed into Ilnik Lagoon.

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

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

**Table 27.-Emergency order summary for the North Peninsula salmon fishery, 2004.**

E.O.#	Issued	Effective	Action Taken
PM-01	3:00 PM 6/9/04	11:59 PM 6/9/04	<u>Extends</u> the commercial salmon fishing period from 11:59 PM Wednesday, June 9 until NOON Monday, June 14, the beginning of the next weekly fishing period in the portion of the Ilnik Section located within Ilnik Lagoon and all waters inside the Seal Islands.
PM-02	9:00 AM 6/16/04	11:59 PM 6/16/04	<u>Extends</u> the commercial salmon fishing period from 11:59 PM Wednesday, June 16 until NOON Monday, June 21, the beginning of the next weekly fishing period in the portion of the Ilnik Section located within Ilnik Lagoon and all waters inside the Seal Islands  <u>Extends</u> the commercial salmon fishing period in the Bear River Section from 6:00 PM Wednesday, June 16 until 6:00 PM Thursday, June 17.
CB-02	10:45 AM 6/16/04	11:59 PM 6/17/04	<u>Extends</u> the current commercial fishing period for approximately 24 hours until 11:59 PM Friday June 18 in the Nelson Lagoon Section
PM-03	9:00 AM 6/17/04	6:00 PM 6/17/04	<u>Extends</u> the commercial salmon fishing period in the Port Moller Bight and Bear River Sections from 6:00 PM Thursday, June 17 until 6:00 PM Friday, June 18.
CB-03	7:30 PM 6/17/04	6:00 AM 6/21/04	<u>Opens</u> the commercial salmon season on Monday June 21 in the Uruila Bay Section.
CB-04	7:45 PM 6/17/04	11:59 PM 6/18/04	<u>Extends</u> the current commercial fishing period for 24 hours until 11:59 PM Saturday June 19 in the Nelson Lagoon Section.
PM-04	3:00 PM 6/20/04	6:00 AM 6/21/04	<u>Closes</u> the commercial salmon fishing season in that portion of the Bear River Section located from a 280° magnetic bearing perpendicular to the beach at the Bear River Church to the Sandy River Bluffs at 160° 19.636' W. long. until further notice.
PM-05	8:00 PM 6/21/04	10:00 PM 6/21/04	<u>Reduces</u> the closed waters to upstream of the terminus at the ocean shoreline of Bear River from 10:00 PM Monday, June 21 until 6:00 PM Wednesday, June 23.
PM-06	9:00 AM 6/23/04	6:00 PM 6/23/04	<u>Extends</u> the commercial salmon fishing period in that portion of the Ilnik Section located within Ilnik Lagoon and inside the Seal Islands from 11:59 PM Wednesday, June 23 until 12:01 AM Friday, June 25.  <u>Allows</u> a commercial salmon fishing period in the Three Hills Section and that portion of the Ilnik Section located southwest of Unangashak Bluffs from 12:01 AM Friday, June 25 until 6:00 PM Saturday, June 26.  <u>Allows</u> a commercial salmon fishing period in that portion of the Ilnik Section located northeast of Unangashak Bluffs to Strogonof Point from 6:00 AM Monday, June 28 until 6:00 PM Wednesday, June 30.
CB-05	10:45 AM 6/23/04	11:59 PM 6/24/04	<u>Extends</u> the current commercial fishing period for 24 hours until 11:59 PM Friday June 25 in the Nelson Lagoon Section.
CB-06	7:45 PM 6/24/04	11:59 PM 6/25/04	<u>Extends</u> the current commercial fishing period for 24 hours until 11:59 PM Saturday June 26 in the Nelson Lagoon Section.

-continued-

**Table 27.-Page 2 of 6.**

E.O.#	Issued	Effective	Action Taken
PM-07	8:00 PM 6/27/04	6:00 AM 6/28/04	<u>Closes</u> the commercial salmon fishing season in that portion of the Bear River Section located from a 280° magnetic bearing perpendicular to the beach at the 1,000 yard southwestern regulatory marker at King Salmon River to Cape Seniavin from 6:00 AM Monday, June 28 until further notice.
PM-08	9:00 AM 6/30/04	6:00 PM 6/30/04	<u>Extends</u> the current commercial salmon fishing period in the Port Moller Bight, remaining portion of the Bear River and Three Hills Sections and that portion of the Ilnik Section southwest of Unangashak Bluffs until 6:00 PM Friday, July 2.
CB-08	9:30 AM 6/30/04	11:59 PM 7/2/04	<u>Extends</u> the current commercial fishing period in the Nelson Lagoon Section until MIDNIGHT Thursday July 8.
PM-09	8:00 PM 7/4/04	6:00 AM 7/5/04	<u>Closes</u> the commercial salmon fishing season in the Three Hills Section until further notice.
PM-10	4:30 PM 7/6/04	6:30 PM 7/6/04	<u>Reopens</u> the commercial salmon fishing season in that portion of the Bear River Section located southwest of a line located at a 280° magnetic bearing perpendicular to the beach at the Bear River church from 6:30 PM Tuesday, July 6 until 11:59 PM Tuesday, July 6.  <u>Reduces</u> closed waters at Bear River effective at 6:30 PM Tuesday, July 6 until 11:59 PM Tuesday, July 6 those waters upstream of the stream terminus at the ocean shoreline.  <u>Closes</u> the commercial salmon season in that portion of the Bear River Section from the Bear River church to the 1,000 yard southwestern regulatory marker at King Salmon River in at MIDNIGHT Tuesday, July 6 until further notice.
PM-11	8:00 PM 7/6/04	10:00 AM 7/7/04	<u>Reopens</u> the commercial salmon fishing season in that portion of the Bear River Section located southwest of a line located at a 280° magnetic bearing perpendicular to the beach at the Bear River church from 10:00 AM Wednesday, July 7 until 4:00 PM Wednesday, July 7.  <u>Closes</u> the commercial salmon season in that portion of the Bear River Section from the Bear River church to the 1,000 yard southwestern regulatory marker at King Salmon River at 4:00 PM Wednesday, July 4 until further notice.
CB-10	8:30 AM 7/7/04	11:59 PM 7/8/04	<u>Extends</u> the current commercial fishing period in the Nelson Lagoon Section until MIDNIGHT Thursday July 15.
PM-12	9:00 AM 7/7/04	6:00 PM 7/7/04	<u>Extends</u> the current commercial salmon fishing period in the Port Moller Bight Section and that portion of the Bear River Section southwest of the 1,000 yard southwestern regulatory marker at King Salmon from 6:00 PM Thursday, July 8 until 6:00 PM Saturday, July 10.  <u>Extends</u> the current commercial salmon fishing period in the Ilnik Section southwest of Unangashak Bluffs, including the waters within Ilnik Lagoon and inside the Seal Islands from 6:00 PM Wednesday, July 7 until 6:00 PM Saturday, July 10.

-continued-

**Table 27.-Page 3 of 6.**

E.O.#	Issued	Effective	Action Taken
PM-12	(CONT.)		<u>Closes</u> the current commercial salmon fishing period in that portion of the Ilnik Section northeast of Unangashak Bluffs to Strogonof Point at 6:00 PM Wednesday, July 7 until 5:59 AM Monday, July 12.
PM-13	8:00 PM 7/7/04	11:00 AM 7/8/04	<u>Reopens</u> the commercial salmon fishing season in that portion of the Bear River Section located southwest of a line located at a 280° magnetic bearing perpendicular to the beach at the Bear River church from 11:00 AM Thursday, July 8 until 5:00 PM Thursday, July 8.  <u>Reduces</u> the closed waters at Bear River to upstream of the stream terminus at the ocean shoreline effective at 11:00 AM Thursday, July 8 until 5:00 PM Thursday, July 8.  <u>Closes</u> the commercial salmon fishing season that portion of the Bear River Section from the Bear River church to the 1,000 yard southwestern regulatory marker at King Salmon River at 5:00 PM Thursday, July 8 until further notice.
PM-14	1:00 PM 7/8/04	5:00 PM 7/8/04	<u>Extends</u> the commercial salmon fishing season in that portion of the Bear River Section located southwest of a line located at a 280° magnetic bearing perpendicular to the beach at the Bear River church from 5:00 PM Thursday, July 8 until 6:00 PM Friday, July 9.  <u>Reduces</u> closed waters at Bear River to upstream of the stream terminus at the ocean shoreline from 5:00 PM Thursday, July 8 until 6:00 PM Friday, July 9.
PM-15	9:00 AM 7/9/04	6:00 PM 7/9/04	<u>Extends</u> the commercial salmon fishing season in that portion of the Bear River Section located southwest of a line located at a 280° magnetic bearing perpendicular to the beach at the Bear River church from 6:00 PM Friday, July 9 until 6:00 PM Saturday, July 10.  <u>Reduces</u> closed waters at Bear River to upstream of the stream terminus at the ocean shoreline from 6:00 PM Friday, July 9 until 6:00 PM Saturday, July 10.  <u>Closes</u> the commercial salmon fishing season that portion of the Bear River Section from the Bear River church to the 1,000 yard southwestern regulatory marker at King Salmon River at 6:00 PM Saturday, July 10 until further notice.
PM-16	9:00 AM 7/10/04	6:00 PM 7/10/04	<u>Extends</u> the commercial salmon fishing season in that portion of the Bear River Section located southwest of a line located at a 280° magnetic bearing perpendicular to the beach at the Bear River church from 6:00 PM Saturday, July 10 until 6:00 AM Monday, July 12.  <u>Reduces</u> closed waters at Bear River to upstream of the stream terminus at the ocean shoreline at 6:00 PM Saturday, July 10 until 6:00 AM Monday, July 12.  <u>Extends</u> the current commercial salmon fishing period in the Port Moller Bight and that portion of the Ilnik Section southwest of Unangashak from 6:00 PM Saturday, July 10 until 6:00 AM Monday, July 12 which is the beginning of the weekly fishing period.

-continued-

Table 27.-Page 4 of 6.

E.O.#	Issued	Effective	Action Taken
PM-17	8:00 PM 7/11/04	6:00 AM 7/12/04	<p><u>Extends</u> the commercial salmon fishing season in that portion of the Bear River Section located southwest of a line located at a 280° magnetic bearing perpendicular to the beach at the Bear River church from 6:00 AM Monday, July 12 until 6:00 PM Thursday, July 15.</p> <p><u>Reduces</u> closed waters at Bear River to upstream of the stream terminus at the ocean shoreline effective from 6:00 AM Monday, July 12 until 6:00 PM Thursday, July 15.</p> <p><u>Allows</u> a commercial fishing period in that portion of the Ilnik Section northeast of Unangashak Bluffs to Strogonof Point from 6:00 AM Monday, July 12 until 6:00 PM Wednesday, July 14.</p>
CB-15	8:30 AM 7/14/04	6:00 PM 7/15/04	<p><u>Extends</u> the current commercial salmon fishing period in the Nelson Lagoon Section until MIDNIGHT Thursday July 22.</p>
PM-18	9:00 AM 7/14	6:00 PM 7/15/04	<p><u>Extends</u> the commercial salmon fishing season in that portion of the Bear River Section located southwest of a line located at a 280° magnetic bearing perpendicular to the beach at the Bear River church from 6:00 PM Thursday, July 15 until 6:00 PM Saturday, July 17.</p> <p><u>Expands</u> the closed waters to within 1,000 yards of the stream terminus at the ocean shoreline of the Bear River at 6:00 PM Thursday, July 15 until further notice.</p> <p><u>Extends</u> the current commercial fishing period in that portion of the Ilnik Section southwest of Unangashak Bluffs from 6:00 PM Wednesday, July 14 until 6:00 PM Saturday, July 17.</p>
PM-19	3:00 PM 7/17/04	6:00 PM 7/17/04	<p><u>Closes</u> the commercial salmon fishing period in the Port Moller Bight, Bear River, and Ilnik Sections from 6:00 PM Saturday, July 17 until further notice.</p>
PM-20	NOON 7/20/04	6:00 PM 7/2/04	<p><u>Reopens</u> the commercial salmon fishing season in the entire Bear River Section from 6:00 PM Tuesday, July 20 until further notice except that portion located from the southern 1,000 yard regulatory marker at Bear River to the 2,000 yard northern regulatory marker at Sandy River will remain closed to commercial salmon fishing from 6:00 PM Tuesday, July 20 until 6:00 PM Friday, July 23.</p> <p><u>Allows</u> a commercial salmon fishing period in the Port Moller Bight, Three Hills, and Ilnik Sections from 6:00 PM Tuesday, July 20 until 6:00 PM Friday, July 23.</p>
CB-21	8:30 AM 7/21/04	MIDNIGHT 7/22/04	<p><u>Extends</u> the current commercial fishing period in the Nelson Lagoon Section for 48 hours until 11:59 PM Saturday July 24.</p>
PM-21	8:00 PM 7/22/04	10:00 PM 7/22/04	<p><u>Reopens</u> the commercial salmon fishing season in the entire Bear River Section from 10:00 PM Thursday, July 22 until further notice.</p> <p><u>Extends</u> the current commercial salmon fishing period in the Port Moller Bight, Bear River, Three Hills, and Ilnik Sections from 6:00 PM Friday, July 23 until 6:00 PM Saturday, July 31.</p>

-continued-

**Table 27.-Page 5 of 6.**

E.O.#	Issued	Effective	Action Taken
CB-24	8:00 AM 7/23/04	11:59 PM 7/24/04	<u>Extends</u> the current commercial fishing period in the Nelson Lagoon Section until MIDNIGHT Thursday July 29.
CB-25	8:00 AM 7/23/04	6:00 AM 7/26/04	<u>Allows</u> a commercial salmon fishing period in the Bechevin Bay Section from 6:00 AM Monday, July 26 until 6:00 PM Thursday, July 29.
CB-30	8:30 AM 7/28/04	MIDNIGHT 7/29/04	<u>Extends</u> the current commercial fishing period in the Nelson Lagoon Section for approximately 48 hours until 11:59 PM Saturday July 31.
CB-33	7:20 PM 7/30/04	6:00 AM 8/2/04	<u>Allows</u> a 6:00 AM Monday, August 2 until 6:00 PM Thursday, August 5 commercial salmon fishing period in the Bechevin Bay Section.
PM-22	9:00 AM 7/31/04	6:00 PM 7/31/04	<u>Closes</u> the current commercial salmon fishing period in the Port Moller Bight, Bear River, Three Hills, and Ilnik Sections to until further notice.
CB-36	11:00 AM 8/3/04	9:00 PM 8/4/04	<u>Extends</u> the current commercial salmon fishing period 75 hours until 9:00 PM Saturday August 7 in the Bechevin Bay Section.
CB-37	11:00 AM 8/6/04	6:00 PM 8/7/04	<u>Extends</u> the current commercial salmon fishing period 72 hours until 9:00 PM Tuesday August 10 in Bechevin Bay Section.
CB-39	11:15 AM 8/9/04	9:00 PM 8/10/04	<u>Extends</u> the current commercial salmon fishing period 72 hours until 9:00 PM Friday August 13 in the Bechevin Bay Section.
CB-40	11:30 AM 8/12/04	2:00 PM 8/13/04	<u>Extends</u> the current commercial salmon fishing period 72 hours until 9:00 PM Monday August 16 in the Bechevin Bay Section.
CB-43	10:00 AM 8/15/04	9:00 PM 8/16/04	<u>Extends</u> the current commercial salmon fishing period 48 hours until 9:00 PM Wednesday August 18 in the Bechevin Bay Section.
CB-44	10:45 AM 8/17/04	9:00 PM 8/18/04	<u>Extends</u> the current commercial salmon fishing period 24 hours until 9:00 PM Thursday August 19 in the Bechevin Bay Section.
CB-45	8:00 AM 8/18/04	MIDNIGHT 8/18/04	<u>Extends</u> the current commercial fishing period for approximately 24 hours until 11:59 PM Thursday August 19 in the Nelson Lagoon Section.
CB-46	1:30 PM 8/16/04	9:00 PM 8/19/04	<u>Extends</u> the current commercial salmon fishing period 48 hours until 9:00 PM Saturday August 21 in the Bechevin Bay Section.
CB-47	3:30 PM 8/20/04	9:00 PM 8/21/04	<u>Extends</u> the current commercial salmon fishing period 72 hours until 9:00 PM Tuesday August 24 in the Bechevin Bay Section.
PM-23	8:00 PM 8/24/04	6:00 AM 8/25/04	<u>Closes</u> the commercial salmon fishing season in that portion of the Bear River Section located from the southern regulatory marker at Bear River to the 2,000 yard northern regulatory marker at Sandy River from 6:00 AM Wednesday, August 25 until further notice.

-continued-

**Table 27.-Page 6 of 6.**

E.O.#	Issued	Effective	Action Taken
PM-23	(CONT.)		<u>Allows</u> a commercial salmon fishing period in the remaining portion of the Bear River Section, as well as the Port Moller Bight, Three Hills, and Ilnik Sections from 6:00 AM Wednesday, August 25 until further notice.
CB-48	11:15 AM 8/24/04	9:00 PM 8/24/04	<u>Extends</u> the current commercial salmon fishing period 24 hours until 9:00 PM Wednesday August 25 in the Bechevin Bay Section.
CB-49	1:30 PM 8/24/04	6:00 PM 8/25/04	<u>Extends</u> the current commercial fishing period for 48 hours until 6:00 PM Friday August 27 in the Cinder River Section.
CB-50	9:15 AM 8/25/04	MIDNIGHT 8/25/04	<u>Extends</u> the current commercial fishing period for approximately 24 hours until 11:59 PM Thursday August 26 in the Nelson Lagoon Section.
CB-51	11:45 AM 8/26/04	6:00 PM 8/27/04	<u>Extends</u> the current commercial salmon fishing period through September 30 in the Cinder River Section.
CB-52	8:45 AM 9/1/04	MIDNIGHT 9/1/04	<u>Extends</u> the current commercial salmon fishing period for approximately 48 hours until 11:59 PM Friday September 3 in the Nelson Lagoon Section.

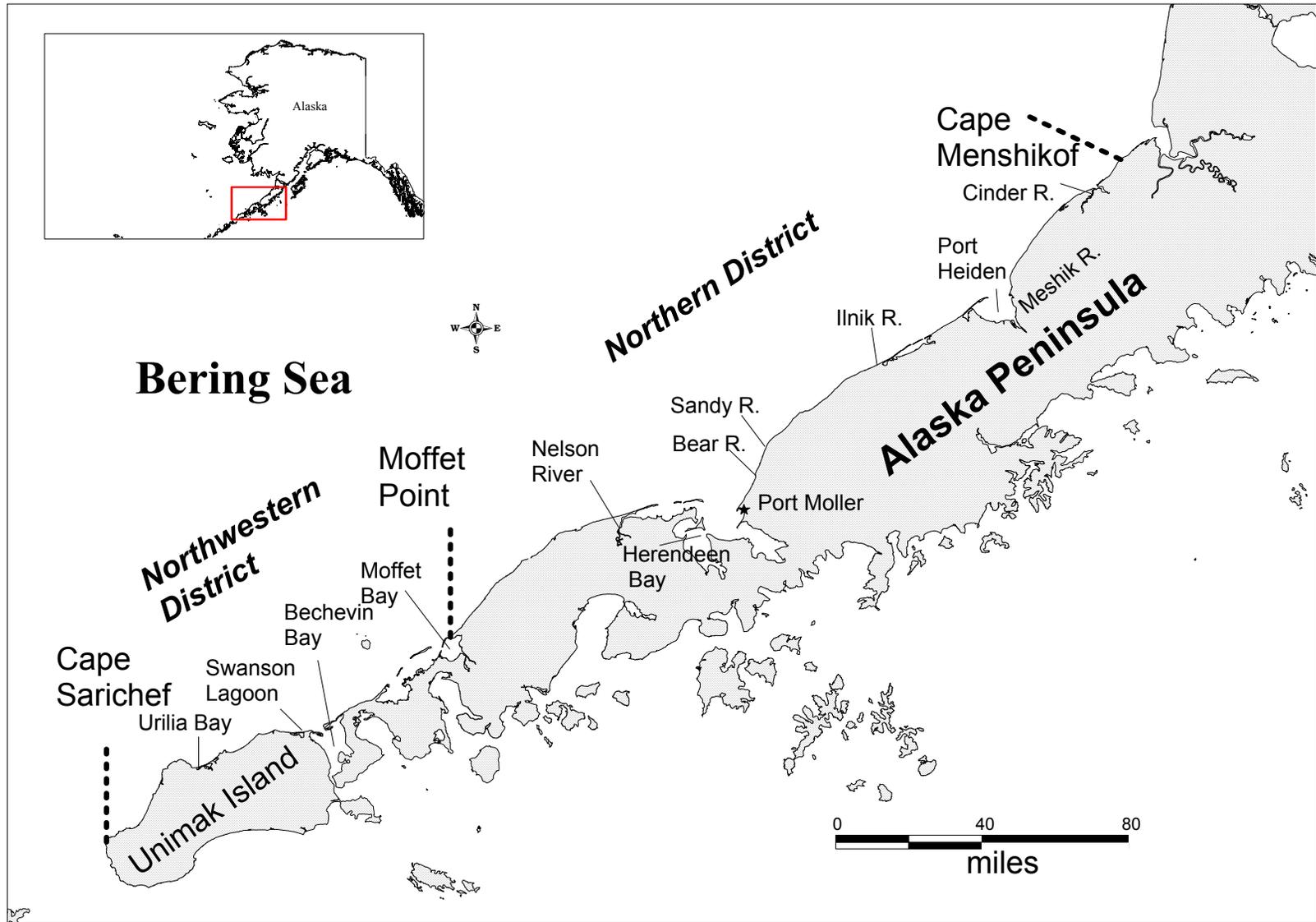
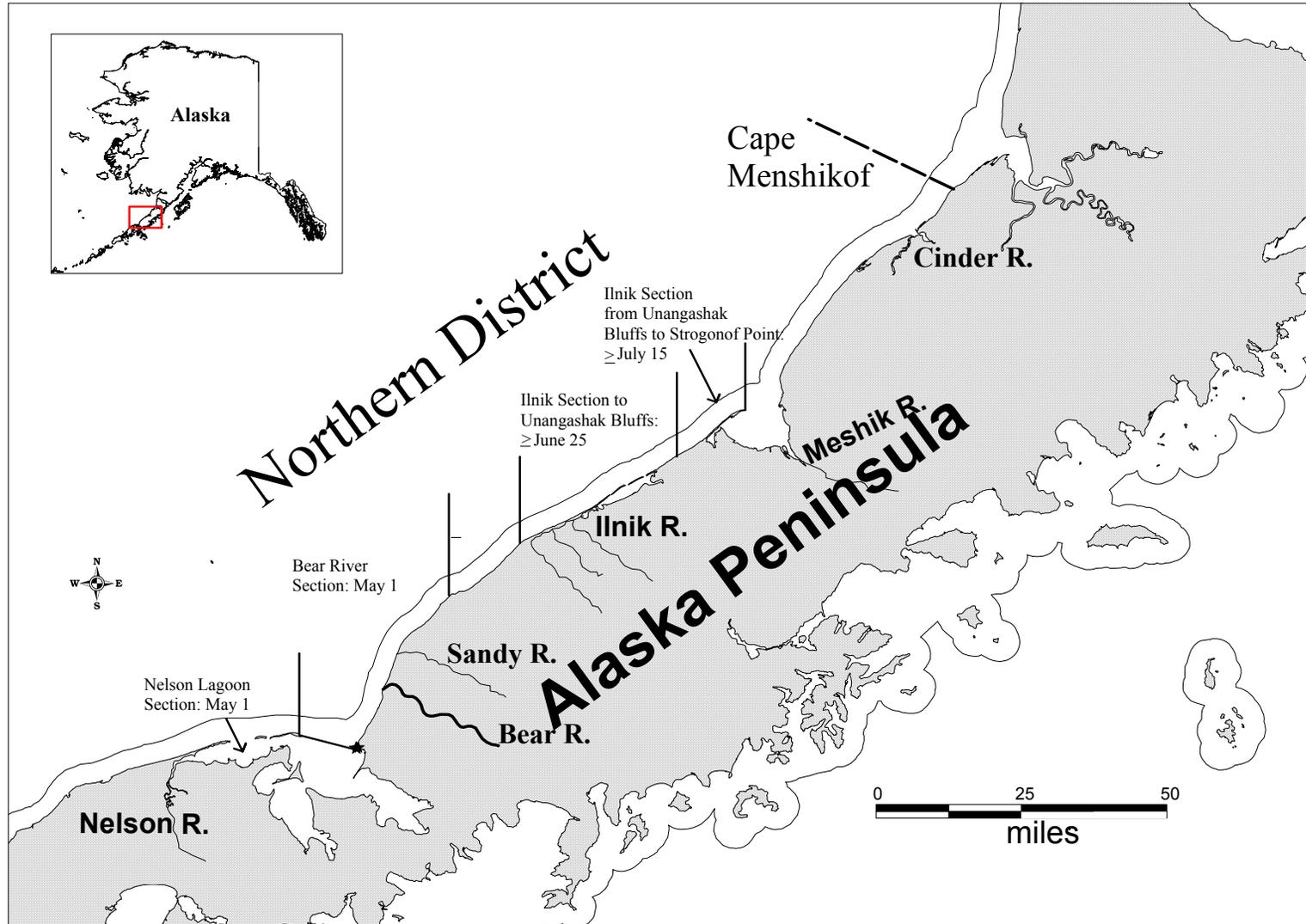
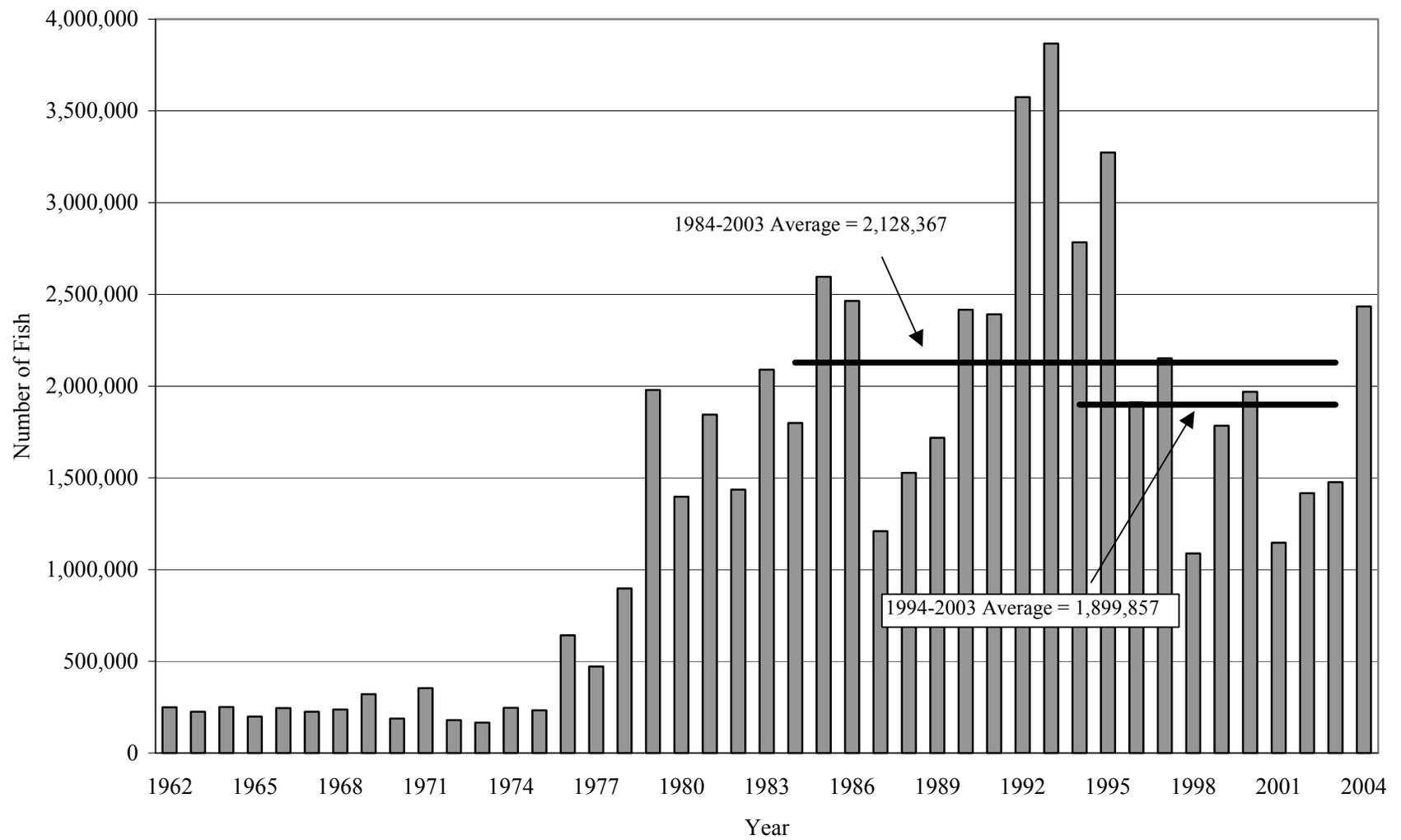


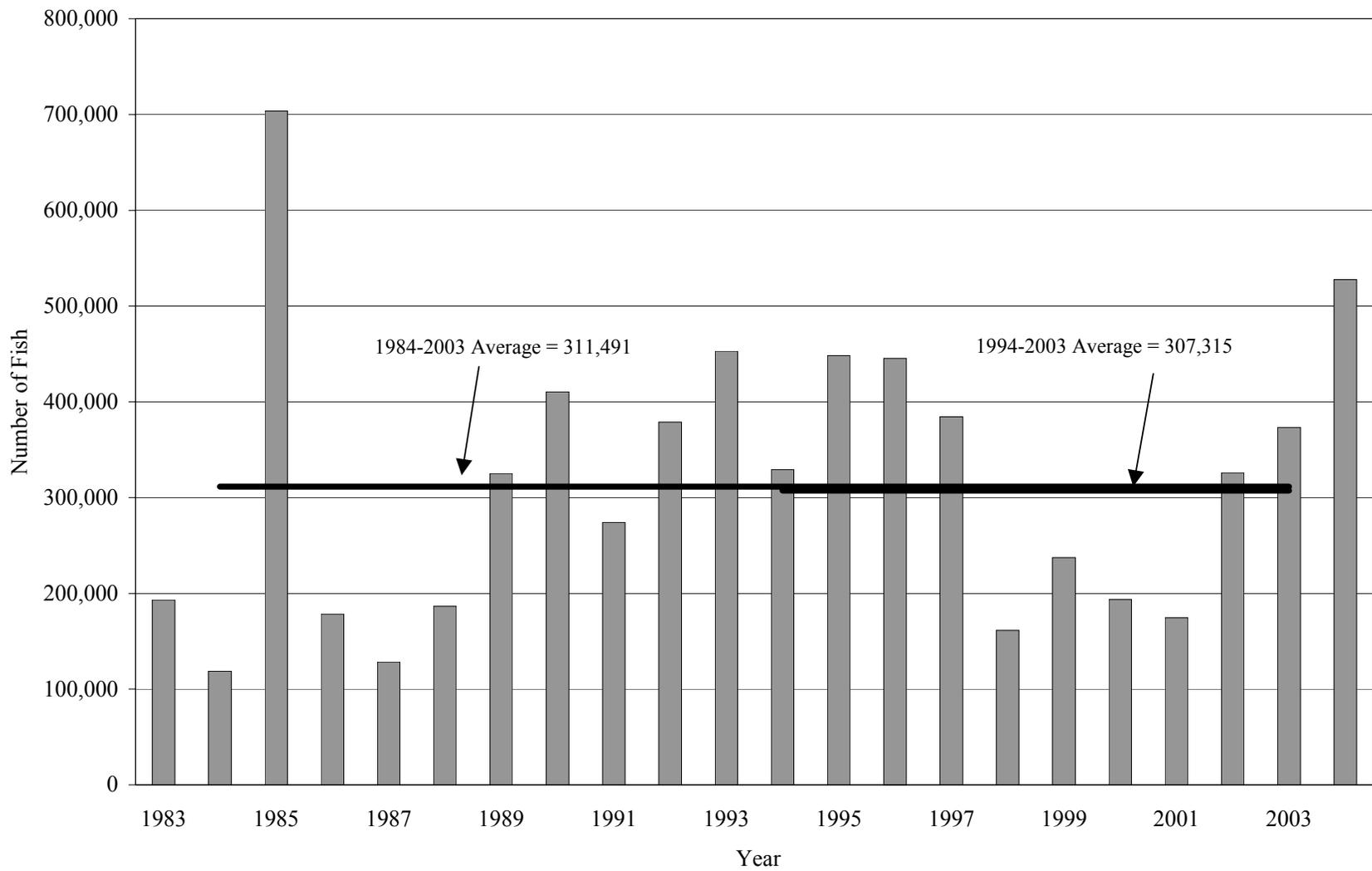
Figure 1.-Alaska Peninsula with North Peninsula commercial salmon fishing districts depicted.



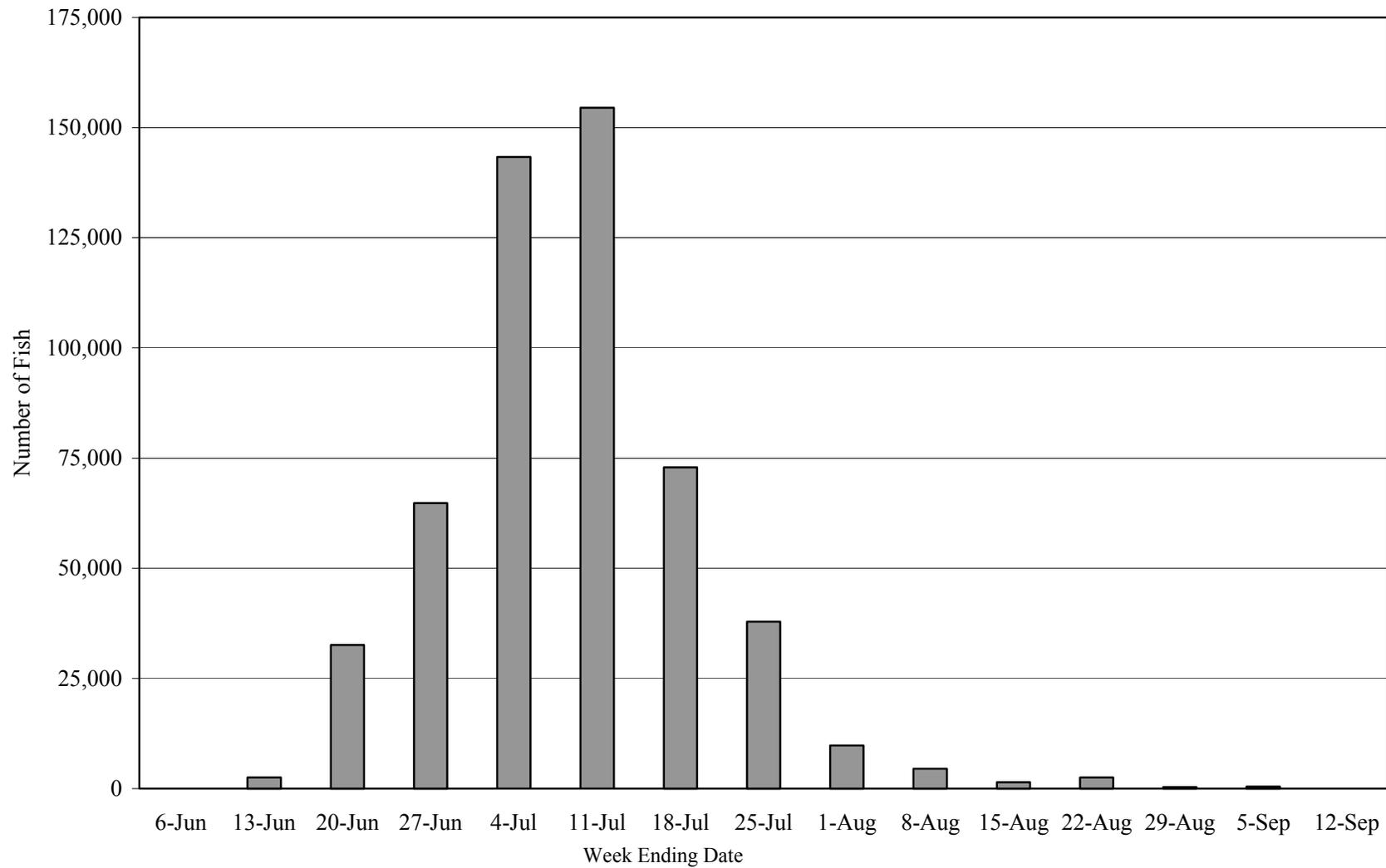
**Figure 2.**-Nelson Lagoon to Strogonof Point reach, with commercial salmon fishing sections, season opening dates, and major sockeye salmon systems depicted.



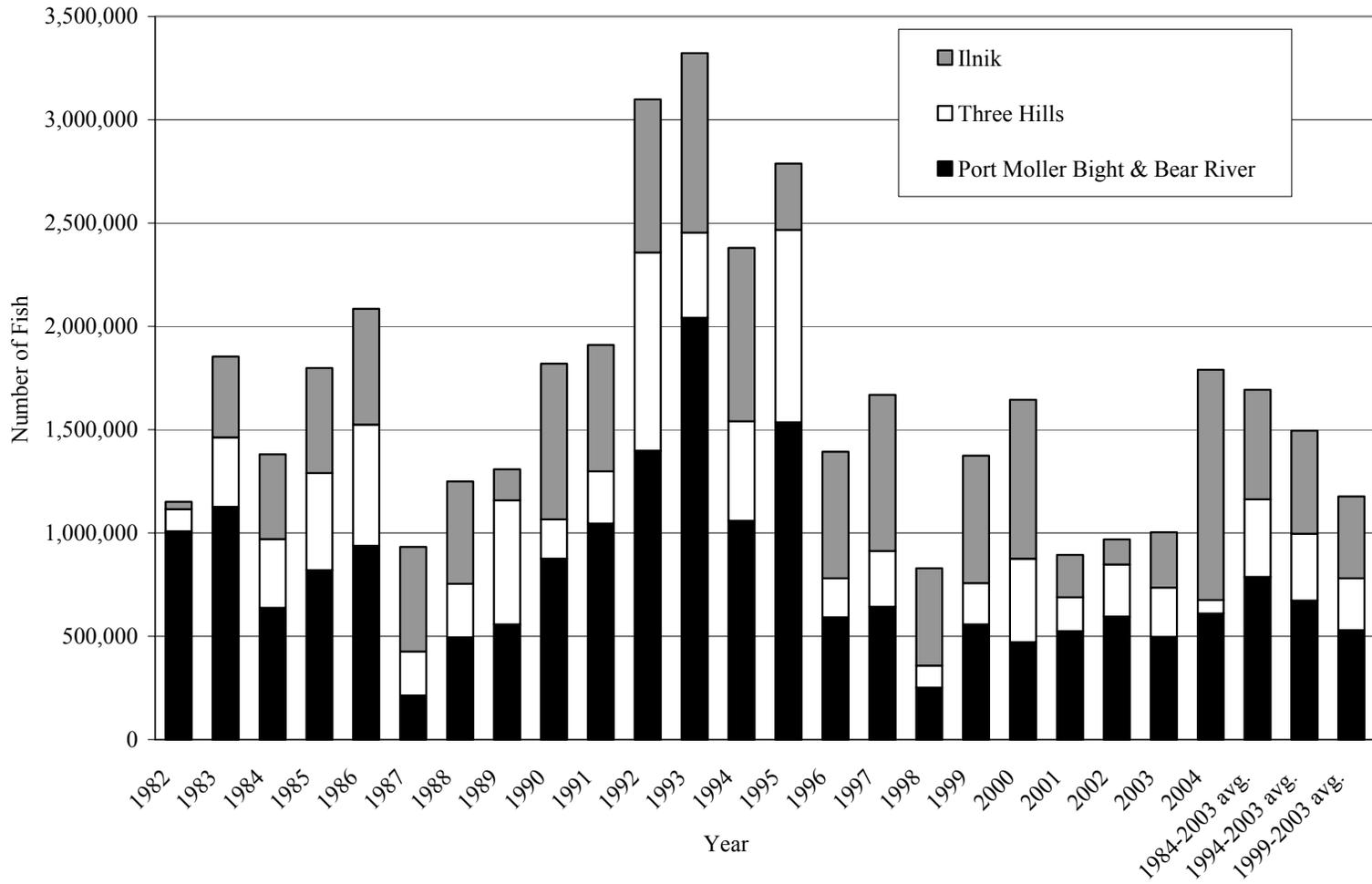
**Figure 3.**-North Peninsula commercial sockeye salmon harvest, 1962-2004.



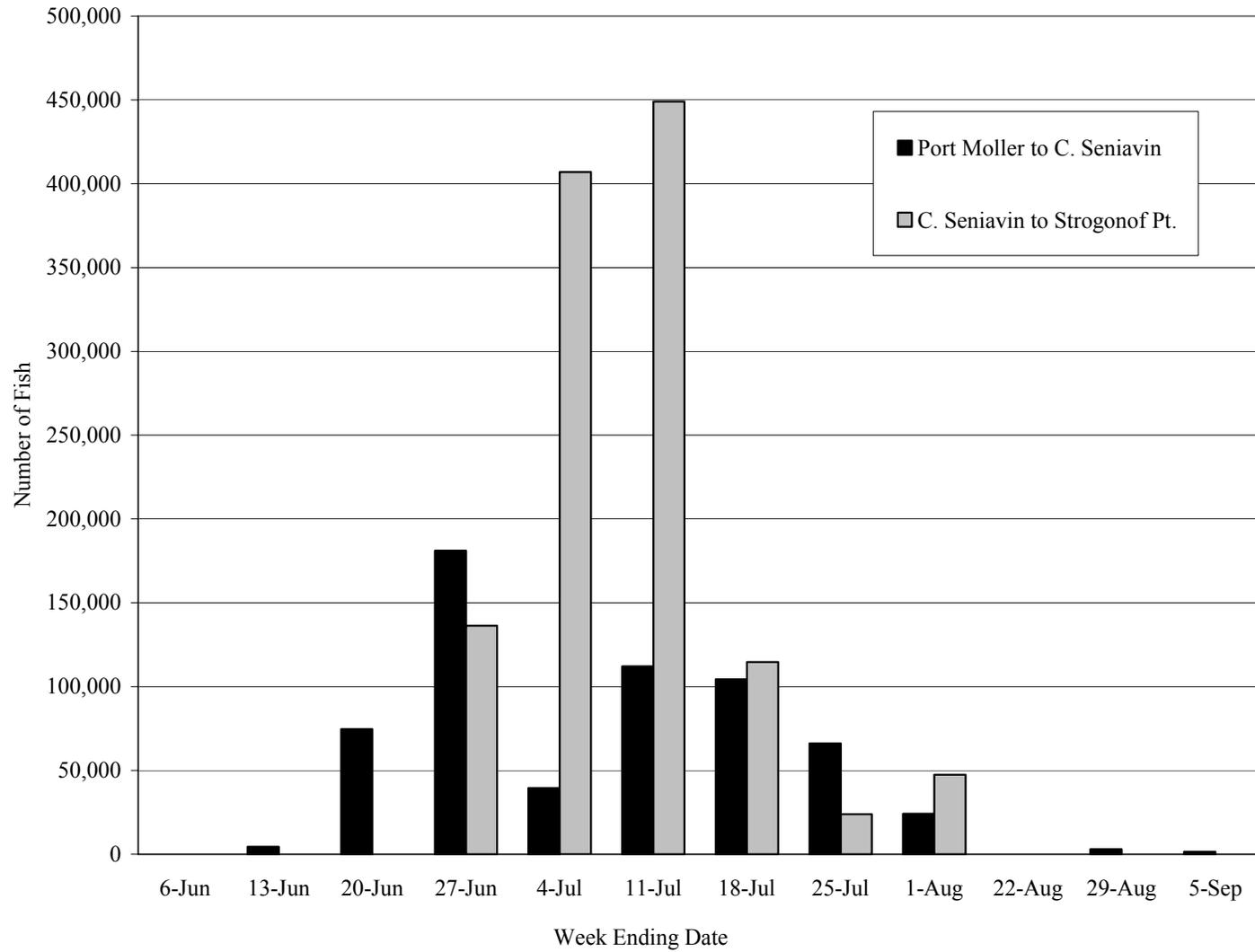
**Figure 4.**-Nelson Lagoon commercial sockeye salmon harvest, 1983-2004.



**Figure 5.**-Nelson Lagoon commercial sockeye salmon harvest by week, 2004.



**Figure 6.-**Port Moller Bight, Bear River, Three Hills, and Ilnik Sections commercial sockeye salmon harvest, 1982-2004.



**Figure 7.-**Port Moller to Strogonof Point reach sockeye salmon catch by week, 2004.

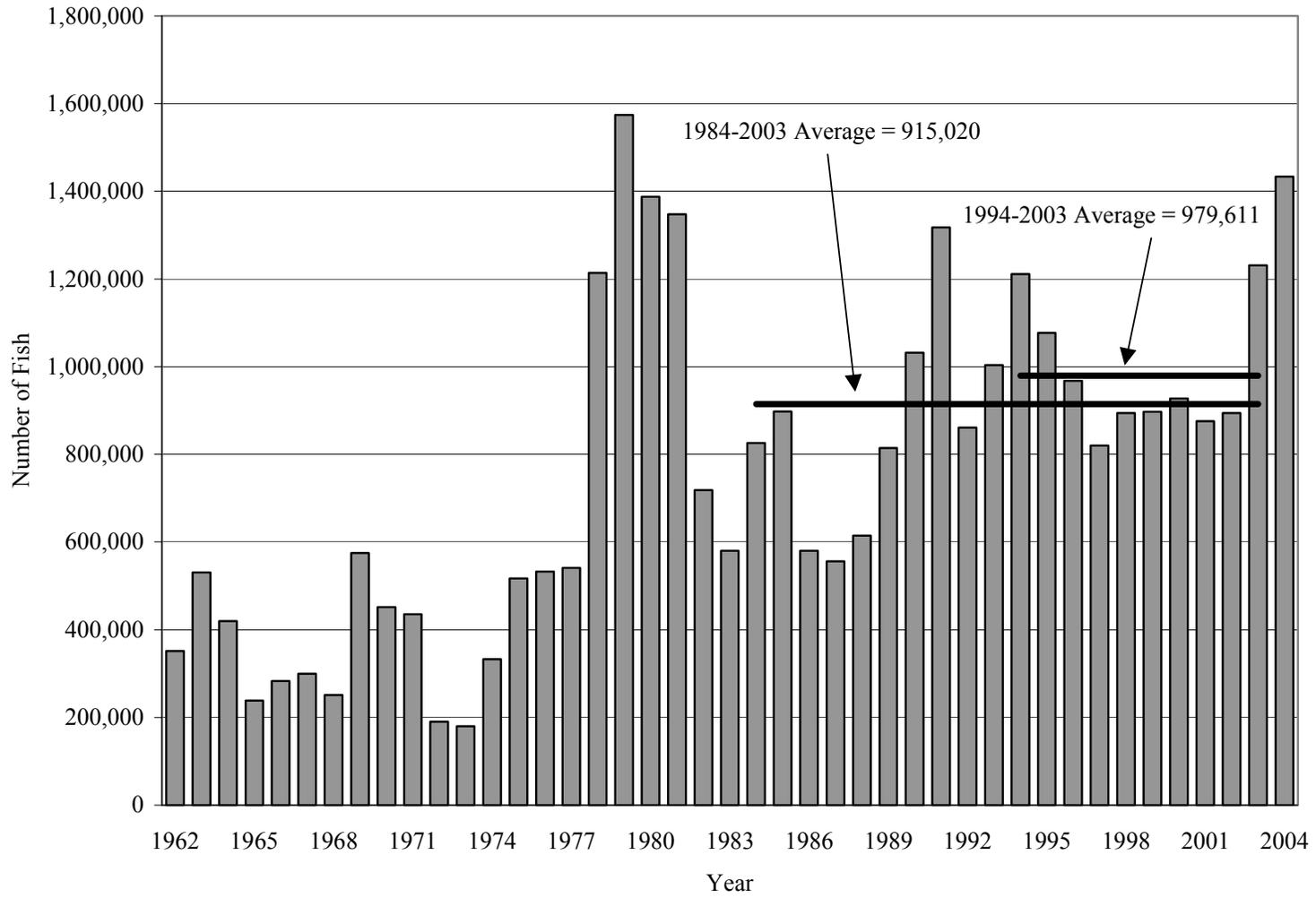
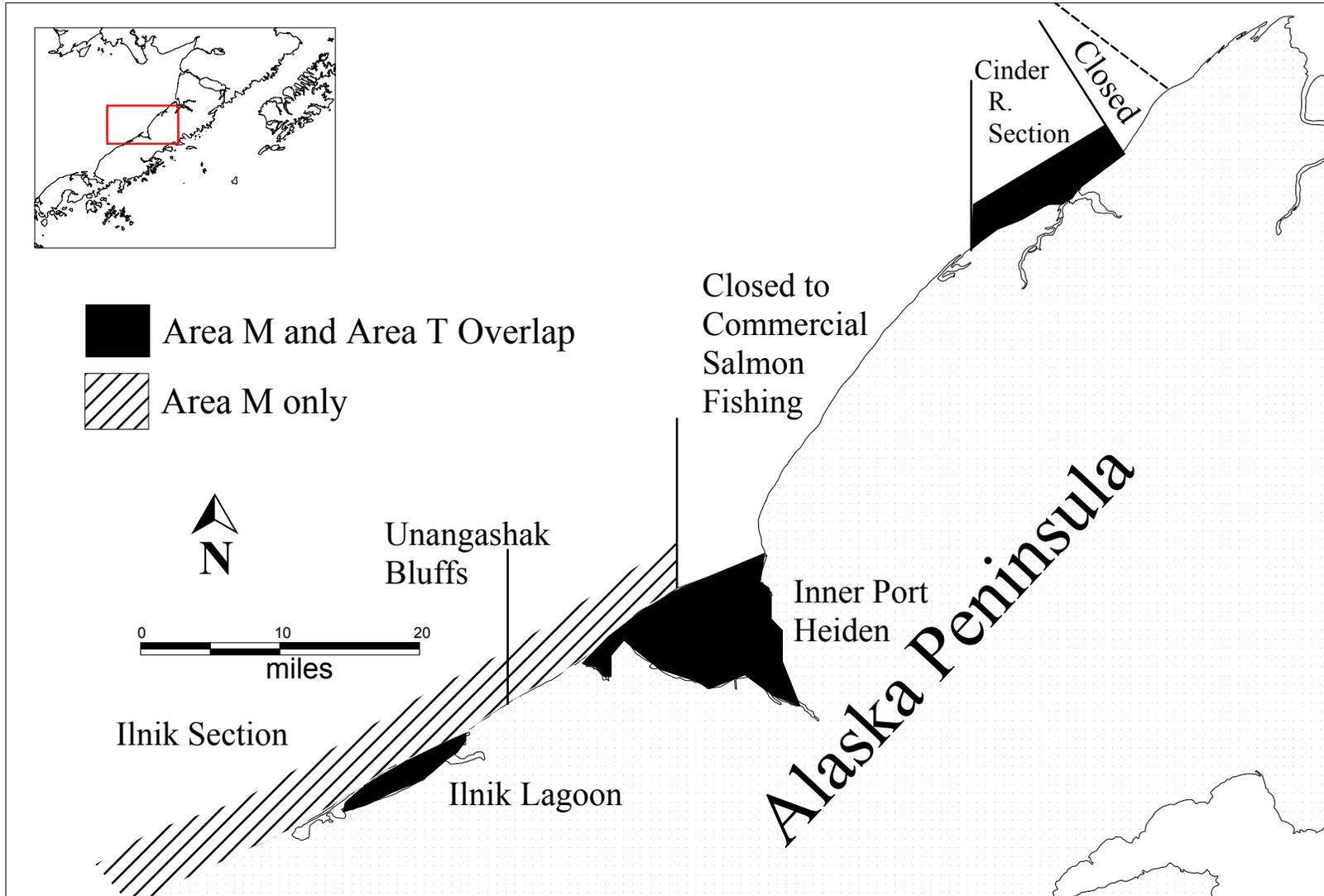


Figure 8.-North Peninsula indexed sockeye salmon escapement, 1962-2004.



**Figure 9.**-Alaska Peninsula (Area M) and Bristol Bay (Area T) commercial salmon fishing overlap areas.

**APPENDIX A. NORTH ALASKA PENINSULA AERIAL SALMON  
SURVEYS, 2004**

Appendix A1.-North Alaska Peninsula aerial salmon surveys, 2004.

Stream	Date	Observer	Location	Visi- bility	Species					Observer Remarks
					Chinook	Sockeye	Coho	Pink	Chum	
Tugamak River, 311-2015	08/01/2004	Arnie Shaul	Stream Mouth Bay	G	25	200	0	0	0	SPECIES ID DIFFICULT.
Divide Creek, 311-3006	08/01/2004	Arnie Shaul	Stream Mouth Bay	G	0	600	0	0	0	
	09/16/2004	Arnie Shaul	Stream Mouth Bay	G G	0 0	0 0	100 0	0 0	0 0	NOTHING.
Whaleback Mtn Crk, 311-3007	06/09/2004	Joe Dinnocenzo	Stream Mouth Bay	F F	0 0	0 0	0 0	0 0	0 0	SAW SOME DOLLIES AND 1 SEAL IN MOUTH BUT NO SALMON. LAKE HAD ALGAE BLOOM AND HAD POOR VISIBILITY. SURVEYED MOUTH TO LOWER LAKE ONLY.
	06/12/2004	Arnie Shaul	Stream Mouth Bay	F	0	3,500	0	0	0	SURVEYED OUTLET CHANNEL ONLY. VISIBILITY DIFFICULT DUE TO PHYTOPLANKTON BLOOM IN LAKE.
	06/17/2004	Arnie Shaul	Stream Mouth Bay	G	0	17,000	0	0	0	ALL IN OUTLET CHANNEL, 4,000 BELOW MARKER, 10,000 BETWEEN MARKER AND POINT, 3,000 ABOVE OUTLET CHANNEL.
	06/24/2004	Arnie Shaul	Stream Mouth Bay	F	0	20,000	0	0	0	17,000 FROM POINT DOWN, 1,000 IN OUTLET CHANNEL ABOVE POINT, 2,000 IN LAKE.
	07/01/2004	Arnie Shaul	Stream Mouth Bay	G G	0 0	500 28,000	0 0	0 0	0 0	COULDN'T SEE IN LAKE. 16,000 IN OUTLET CHANNEL FROM POINT DOWN AND 12,000 ABOVE POINT. 500 IN CREEK.
	07/08/2004	Arnie Shaul	Stream Mouth Bay	G G	0 0	36,000 59,000	0 0	0 0	0 0	MOUTH INCLUDES 3,000 IN LAKE, 42,000 IN OUTLET CHANNEL ABOVE POINT, AND 14,000 BELOW POINT. VISIBILITY GOOD IN OUTLET CHANNEL, BUT GOOD IN LAKE.
	08/01/2004	Arnie Shaul	Stream Mouth Bay	G	0	72,000	0	0	0	12,000 IN OUTLET CHANNEL, 56,000 IN CREEK OF WHICH 18,000 WERE SPAWNING. BETTER SURVEY THAN ON 7/08. STILL THE BROWN BEAR CAPITAL OF THE WORLD.
	09/16/2004	Arnie Shaul	Stream Mouth Bay	G	0	0	30,000	0	0	ONLY COUNTED COHO. SAW 4,000 IN LAKE AND 26,000 IN OUTLET CHANNEL INCLUDING THE BAY NEAR DIVIDE CREEK. LOTS O SEAL ACTIVITY AT MOUTH.

-continued-

Appendix A1.-Page 2 of 24.

Stream	Date	Observer	Location	Visi- bility	Species			Pink	Chum	Observer Remarks
					Chinook	Sockeye	Coho			
Christianson Lagoon, 311-3008	08/01/2004	Arnie Shaul	Stream Mouth Bay	G	0	2,800	0	0	0	
Mud Hole, 311-3009	07/01/2004	Arnie Shaul	Stream Mouth Bay	G	0	0	0	0	0	4,000 REDS AND CHUMS ON FLATS.
	07/15/2004	Joe Dinnocenzo	Stream Mouth Bay	G	0	0	0	0	0	A LOT OF FISH IN THE LAGOON, PROBABLY SOCKEYE.
	08/01/2004	Arnie Shaul	Stream Mouth Bay	G G	0 0	6,000 5,000	0 0	0 0	200 1,000	BIG RED ESCAPEMENT, VERY POOR CHUM ESCAPEMENT.
	09/16/2004	Arnie Shaul	Stream Mouth Bay	G G			0 300			ONLY COUNTED COHO.
Clear Lagoon, 311-3010	07/01/2004	Arnie Shaul	Stream Mouth Bay	G	0	0	0	0	0	1,500 REDS ON FLATS.
	07/15/2004	Joe Dinnocenzo	Stream Mouth Bay	G G	0 0	0 17,500	0 0	0 0	0 0	A LOT OF FISH IN THE LAGOON, SOME COULD BE CHUMS.
	08/01/2004	Arnie Shaul	Stream Mouth Bay	E G	0 0	1,400 1,700	0 0	0 0	0 0	
	09/16/2004	Arnie Shaul	Stream Mouth Bay	G G	0 0	0 0	0 0	0 0	0 0	NOTHING.
Emil's River, 311-4001	08/01/2004	Arnie Shaul	Stream Mouth Bay	G	0	30	0	0	0	MANY THOUSANDS OF DV IMMEDIATELY ABOVE MOUTH.
North Creek, 311-4004	08/01/2004	Arnie Shaul	Stream Mouth Bay	G	0	0	0	0	200	

-continued-

Appendix A1.-Page 3 of 24.

Stream	Date	Observer	Location	Visi- bility	Species			Pink	Chum	Observer Remarks
					Chinook	Sockeye	Coho			
Otter Point Creek., 311-4007	08/01/2004	Arnie Shaul	Stream Mouth Bay	G	0	2,300	0	0	0	
Big River, 311-5001	08/28/2004	Arnie Shaul	Stream Mouth Bay	G	0	0	0	0	100	SURVEYED CLEAR TRIBS ONLY.
Swanson Lagoon, 311-5002	07/01/2004	Arnie Shaul	Stream Mouth Bay	G	0	0	0	0	0	FLEW OUTLET CHANNEL ONLY. SAW NO FISH.
	07/15/2004	Joe Dinnocenzo	Stream Mouth Bay	G F	0 0	600 0	0 0	0 0	0 0	
	07/20/2004	Arnie Shaul	Stream Mouth Bay	G	0	0	0	0	400	ANOTHER 500+ REDS AND CHUMS IN OUTLET CHANNEL.
	08/01/2004	Arnie Shaul	Stream Mouth Bay	G	0	200			700	SURVEYED CREEK ONLY.
	08/11/2004	Arnie Shaul	Stream Mouth Bay	G	0	24,300	0	0	0	300 SPAWNING IN CREEK, 23,000 SCHOOLED AND COLORED UP IN LAGOON, 1,000 IN OUTLET CHANNEL.
	08/28/2004	Arnie Shaul	Stream Mouth Bay	G	0	19,400	400	0	0	400 SOCKEYE WERE IN THE CREEK, REST WERE IN THE LAGOON. COHOS WERE IN THE OUTLET CHANNEL.
	09/16/2004	Arnie Shaul	Stream Mouth Bay	G	0	13,000	25,000	0	0	COHO ALL IN OUTLET CHANNEL. SOCKEYE 700 IN OUTLET CHANNEL, 12,000 IN LAGOON AND 300 IN THE CREEK.
Mike's Valley, 311-6001	07/01/2004	Arnie Shaul	Stream Mouth Bay	G G	0 0	0 0	0 0	0 0	0 50	
	07/08/2004	Arnie Shaul	Stream Mouth Bay	G E	0 0	0 0	0 0	0 0	3,300 300	600 IN UPPER VALLEY, 1,400 IN ROCKY STRETCH, 1,300 IN LOWER MILE.

94

-continued-

Appendix A1.-Page 4 of 24.

Stream	Date	Observer	Location	Visi- bility	Species					Observer Remarks
					Chinook	Sockeye	Coho	Pink	Chum	
07/15/2004	Joe Dinnocenzo	Stream	G	0	0	0	0	3,500	2,700 BELOW THE RAPIDS, 200 IN RAPIDS, 600 ABOVE RAPIDS.	
		Mouth Bay	F	0	0	0	0	0		
07/20/2004	Arnie Shaul	Stream	G	0	0	0	0	6,000	WINDY, DIDN'T ATTEMPT UPPER 1/2 MILE, PROBABLY ANOTHER 500 ABOVE. 2,600 IN UPPER VALLEY, 800 IN ROCKY STRETCH, 2,600 LOWER MILE.	
		Mouth Bay	G	0	0	0	0	500		
07/31/2004	Arnie Shaul	Stream	G	0	100	0	0	4,600	RED'S AND 2,800 CHUMS IN UPPER VALLEY, 1,200 CHUMS IN LOWER MILE.	
		Mouth Bay	G	0	0	0	0	400		
08/11/2004	Arnie Shaul	Stream Mouth Bay	G	0	0	0	0	3,000	SURVEYED BELOW UPPER VALLEY.	
08/17/2004	Arnie Shaul	Stream Mouth Bay	G	0	0	0	0	4,500	COULD ONLY SURVEY BELOW UPPER VALLEY DUE TO TURBULENCE.	
08/28/2004	Arnie Shaul	Stream Mouth Bay	G	0	300	2,000	1,100	6,000	SPECIES DIFICULT BETWEEN COHO AND CHUM IN LOWER MILE. SOCKEYE, PINKS, AND 2,000 CHUM WERE IN THE UPPER VALLEY. 800 CHUMS WERE IN ROCKY AREA.	
			G	0	0	400	0	0		
09/16/2004	Arnie Shaul	Stream	G	0	0	9,000	0	0	ONLY COUNTED COHO.	
		Mouth Bay	G	0	0	800	0	0		
Anderson's Creek, 311-6006 07/31/2004	Arnie Shaul	Stream	G	0	0	0	300	0		
		Mouth Bay	G	0	0	0	3,000	0		
08/28/2004	Arnie Shaul	Stream	G	0	0	0	12,300	1,400		
		Mouth Bay	G	0	0	0	0	0		
09/16/2004	Arnie Shaul	Stream	G	0	0	0	0	0	ONLY COUNTED COHO.	
		Mouth Bay	G	0	0	0	0	0		
09/16/2004	Arnie Shaul	Stream	G	0	0	0	0	0	ONLY COUNTED COHO.	
		Mouth Bay	G	0	0	0	0	0		

95

-continued-

Appendix A1.-Page 5 of 24.

Stream	Date	Observer	Location	Visi- bility	Species				Observer Remarks	
					Chinook	Sockeye	Coho	Pink		Chum
Trader's Cove, 311-6008										
07/26/2004		Arnie Shaul	Stream	G	0	0	0	0	0	
			Mouth	G	0	0	0	200	0	
			Bay							
07/31/2004		Arnie Shaul	Stream	E	0	0	0	300	0	ADDITIONAL 300 CHUMS IN CHANNEL.
			Mouth	G	0	0	0	0	300	
			Bay							
08/17/2004		Arnie Shaul	Stream	G	0	0	0	4,000	1,000	ADDITIONAL 6,000 CHUMS IN CHANNEL.
			Mouth	G	0	0	0	2,000	2,500	
			Bay							
08/28/2004		Arnie Shaul	Stream	G	0	0	0	12,000	7,000	ADDITIONAL 2,000 CHUMS IN CHANNEL.
			Mouth	F	0	0	0	0	3,000	
			Bay							
09/16/2004		Arnie Shaul	Stream							ONLY SURVEYED FLATS AND CHANNEL, 1,000 WERE ON FLATS AND REST WERE IN CHANNEL.
			Mouth	G	0	0	0	0	4,000	
			Bay							
Warmsprings Bay, 311-6012										
08/28/2004		Arnie Shaul	Stream	G	0	0	0	0	300	BEARS WERE CAUSING SCHOOLS TO DISPERSE ON THE FLATS.
			Mouth	F	0	0	0	0	2,500	
			Bay							
09/04/2004		Joe Dinnocenzo	Stream	G	0	0	0	0	800	
			Mouth	G	0	0	0	0	1,700	
			Bay							
09/12/2004		Arnie Shaul	Stream	G	0	0	0	0	4,000	NOTHING.
			Mouth	G	0	0	0	0	5,000	
			Bay							
Hungry's Creek, 311-6013										
07/26/2004		Arnie Shaul	Stream	G	0	0	0	200	0	
			Mouth	F	0	0	0	4,000	0	
			Bay							
07/31/2004		Arnie Shaul	Stream	G	0	300	0	300	0	
			Mouth	G	0	0	0	10,000	0	
			Bay							
08/28/2004		Arnie Shaul	Stream	G	0	1,000	0	58,000	500	A THIRD OF PINKS WERE DEAD.
			Mouth	G	0	0	0	0	0	
			Bay							

-continued-

Appendix A1.-Page 6 of 24.

Stream	Date	Observer	Location	Visi- bility	Species			Pink	Chum	Observer Remarks
					Chinook	Sockeye	Coho			
Unnamed, 311-6018	08/28/2004	Arnie Shaul	Stream Mouth Bay	G	0	400	0	0	400	SOCKEYE SCHOOLED, CHUMS SPAWNING.
	09/12/2004	Arnie Shaul	Stream Mouth Bay	G	0	1,200	0	0	0	
Norma Bay Lakes, 312-2001	08/28/2004	Arnie Shaul	Stream Mouth Bay	G	0	2,000	0	0	0	
Mike's Duck Camp, 312-2002	07/26/2004	Arnie Shaul	Stream Mouth Bay	G	0	0	0	0	700	
	08/01/2004	Arnie Shaul	Stream Mouth Bay	G	0	0	0	0	600	
	08/28/2004	Arnie Shaul	Stream Mouth Bay	G F	0 0	0 0	0 0	0 0	3,000 0	
	09/16/2004	Arnie Shaul	Stream Mouth Bay	G G			200 300			ONLY COUNTED COHO.
Alligator Hole, Ctr., 312-2003	08/01/2004	Arnie Shaul	Stream Mouth Bay	G G	0 0	0 0	0 0	0 0	1,500 1,000	
	08/07/2004	Arnie Shaul	Stream Mouth Bay	G G	0 0	0 0	0 0	0 0	2,800 7,000	
	08/28/2004	Arnie Shaul	Stream Mouth Bay	G F	0 0	0 0	0 0	0 0	7,500 5,000	
	09/16/2004	Arnie Shaul	Stream Mouth Bay	G G			600 400			ONLY COUNTED COHO.

97

-continued-

Appendix A1.-Page 7 of 24.

Stream	Date	Observer	Location	Visi- bility	Species				Observer Remarks	
					Chinook	Sockeye	Coho	Pink		Chum
Alligator Hole, East, 312-2004										
	07/26/2004	Arnie Shaul	Stream Mouth Bay	G	0	0	0	0	800	
	08/07/2004	Arnie Shaul	Stream Mouth Bay	P P	0 0	0 0	0 0	0 0	0 0	
	08/28/2004	Arnie Shaul	Stream Mouth Bay	G F	0 0	0 0	0 0	0 0	500 3,000	
	09/16/2004	Arnie Shaul	Stream Mouth Bay	G G			0 5,000			ONLY COUNTED COHO.
Frosty Creek, 312-2005										
	07/15/2004	Joe Dinnocenzo	Stream Mouth Bay	G P	0 0	0 0	0 0	0 0	4,000 0	LOTS OF JUMPERS OFF MOUTH, BUT WATER TOO MURKY TO SEE FISH.
	07/20/2004	Arnie Shaul	Stream Mouth Bay	G	0	0	0	0	5,800	
	07/31/2004	Arnie Shaul	Stream Mouth Bay	G G	0 0	0 0	0 0	0 0	5,000 1,000	
	08/04/2004	Arnie Shaul	Stream Mouth Bay	F	0	0	0	0	3,500	POOR LIGHT.
	08/28/2004	Arnie Shaul	Stream Mouth Bay	G G	0 0	100 0	0 0	0 0	11,700 0	A FEW CHUMS SPAWNING ABOVE FIRST BRIDGE BUT MOST WERE IN LOWER END.
Blue Bill Lake, 312-2006										
	08/28/2004	Arnie Shaul	Stream Mouth Bay	G	0	4,700	0	0	400	1,700 SOCKEYE SPAWNING IN LAKE. CHUMS SPAWNING IN THE OUTLET.
	09/12/2004	Arnie Shaul	Stream Mouth Bay	G	0	12,200	0	0	0	5,200 WERE SPAWNING.

-continued-

Appendix A1.-Page 8 of 24.

Stream	Date	Observer	Location	Visi- bility	Species				Observer Remarks	
					Chinook	Sockeye	Coho	Pink		Chum
	09/24/2004	Arnie Shaul	Stream Mouth Bay	G	0	12,600	0	0	0	ALL SPAWNING.
	10/07/2004	Arnie Shaul	Stream Mouth Bay	G	0	10,500	0	0	0	
Outer Marker Lakes, 312-2013	08/28/2004	Arnie Shaul	Stream Mouth Bay	G	0	1,600	0	0	0	500 WEW SPAWNING. OUTLET TOO MURKY TO SEE FISH.
	09/12/2004	Arnie Shaul	Stream Mouth Bay	G	0	6,900	600	0	0	3,200 SOCKEYE WERE SPAWNING.
	09/24/2004	Arnie Shaul	Stream Mouth Bay	G	0	4,900	2,000	0	0	COHO ALL SCHOOLED IN OUTLET AND ALONG NORTHSHORE OF LOWER LAKE, 1,600 REDS SPAWNING IN LOWER LAKE AND 3,000 SPAWNING IN UPPER LAKE. BALANCE OF REDS SCHOOLED IN LOWER LAKE.
	10/07/2004	Arnie Shaul	Stream Mouth Bay	G	0	3,200	0	0	0	1,600 WERE SPAWNING IN EACH LAKE.
Springs S Frosty Crk, 312-2051	08/04/2004	Arnie Shaul	Stream Mouth Bay	G	0	0	0	0	800	
	08/28/2004	Arnie Shaul	Stream Mouth Bay	G G	0 0	0 0	0 0	0 0	700 0	
2nd W Of Frosty Crk, 312-2052	08/04/2004	Arnie Shaul	Stream Mouth Bay	G	0	500	0	0	0	SOME WERE SPAWNING.
	08/28/2004	Arnie Shaul	Stream Mouth Bay	G F	0 0	1,900 0	0 0	0 0	200 1,000	
	09/16/2004	Arnie Shaul	Stream Mouth Bay	G G			0 0			ONLY COUNTED COHO.

66

-continued-

Appendix A1.-Page 9 of 24.

Stream	Date	Observer	Location	Visi- bility	Species				Observer Remarks	
					Chinook	Sockeye	Coho	Pink		Chum
Joshua Green River, 312-4001										
	07/06/2004	Joe Dinnocenzo	Stream Mouth Bay	P	0	0	0	0	0	SURVEYED BELOW LAKE ONLY- POOR VISIBILITY. LOTS OF BEARS AROUND BUT SAW NO FISH.
	07/10/2004	Arnie Shaul	Stream Mouth Bay	G	0	6,000	0	0	24,000	ALL FISH SEEN WERE IN RIGHT HAND VALLEY. 3,000 REDS AND 10,000 CHUMS WERE FROM FORK TO LAKE, REST ABOVE LAKE. LOTS OF BEARS.
	08/01/2004	Arnie Shaul	Stream Mouth Bay	G	0	14,000	0	0	68,000	REDS AND 45,000 CHUMS IN RIGHT HAND VALLEY, 20,000 CHUMS IN LEFT HAND VALLEY, 3,000 CHUMS BELOW FORKS.
	08/25/2004	Arnie Shaul	Stream Mouth Bay	G	0	15,000	0	1,000	41,000	SURVEYED RIGHT HAND VALLEY AND BELOW FORKS ONLY. SAW NOTHING BELOW FORKS. 3,800 SOCKEYE SPAWNING IN LAKE, 2,000 SOCKEYE SCHOOLED BELOW, BALANCE ABOVE LAKE MOSTLY SPAWNING.
	08/28/2004	Arnie Shaul	Stream Mouth Bay	G	0	0	0	0	44,000	SURVEYED LEFT HAND VALLEY ONLY AND BELOW FORKS. SAW NO SALMON BELOW FORKS.
	09/16/2004	Arnie Shaul	Stream Mouth Bay	G			47,000			ONLY COUNTED COHO AND ON RIGHT HAND VALLEY AND BELOW FORKS SURVEYED.
	09/22/2004	Arnie Shaul	Stream Mouth Bay	P			1,400			ONLY COUNTED COHO AND ONLY SURVEYED LEFT HAND VALLEY. MUDDY.
	09/24/2004	Arnie Shaul	Stream Mouth Bay	G			122,000			ONLY COUNTED COHO, 5,000 WERE IN LEFTHAND VALLEY AND REST WERE IN RIGHT HAND OF WHICH ONLY 3,000 WERE ABOVE THE LAKE. NEARLY ALL WERE SCHOOLED FROM UPPER LAKE AND IN LOWER END OF LAKE.
Moffet Springs Crk, 312-4002										
	08/04/2004	Joe Dinnocenzo	Stream Mouth Bay	F	0	200	0	0	4,500	SOME CHUMS MAY HAVE BEEN REDS.
	08/28/2004	Arnie Shaul	Stream Mouth Bay	G	0	0	0	0	16,000	
	09/16/2004	Arnie Shaul	Stream Mouth Bay	G	0	500	9,000	0	0	ONLY COUNTED COHO AND SOCKEYE.

-continued-

Appendix A1.-Page 10 of 24.

Stream	Date	Observer	Location	Visi- bility	Species				Observer Remarks	
					Chinook	Sockeye	Coho	Pink		Chum
	09/20/2004	Arnie Shaul	Stream Mouth Bay	F			12,500			ONLY COUNTED COHO.
Moffet Creek, 312-4003	07/26/2004	Arnie Shaul	Stream Mouth Bay	G G	0	0	0	0	5,000	
	07/26/2004	Arnie Shaul	Stream Mouth Bay	G	0	3,600	0	0	900	TOO MURKY TO SURVEY BELOW FORKS.
	08/04/2004	Joe Dinnocenzo	Stream Mouth Bay	F F	0 0	5,800 0	0 0	0 0	1,000 0	SOME CHUMS MAY HAVE BEEN REDS.
	08/28/2004	Arnie Shaul	Stream Mouth Bay	F	0	1,100	0	0	6,500	POOR VISIBILITY BELOW FORKS, GOOD ABOVE.
	09/16/2004	Arnie Shaul	Stream Mouth Bay	G			1,000			ONLY COUNTED COHO.
	09/20/2004	Arnie Shaul	Stream Mouth Bay	F F			500 500			ONLY COUNTED COHO.
Unnamed, 312-4004	08/28/2004	Arnie Shaul	Stream Mouth Bay	G	0	1,600	0	0	0	
Unnamed, 312-4005	08/28/2004	Arnie Shaul	Stream Mouth Bay	G	0	0	0	0	200	
North Creek, 313-1002	06/30/2004	Joe Dinnocenzo	Stream Mouth Bay	G	0	0	0	0	0	NO FISH SEEN EXCEPT ONE JUMPER IN MUDDY WATER NEAR MOUTH.
	07/21/2004	Arnie Shaul	Stream Mouth Bay	P	200	0	0	0	0	ALL FISH SEEN WERE AT THE MOUTH OF B. TRIBUTARY. TOO MURKY BELOW.

-continued-

Appendix A1.-Page 11 of 24.

Stream	Date	Observer	Location	Visi- bility	Species			Pink	Chum	Observer Remarks
					Chinook	Sockeye	Coho			
08/28/2004	Arnie Shaul	Stream Mouth Bay	G	0	15,000	0	0	2,300		
09/16/2004	Arnie Shaul	Stream Mouth Bay	G			5,300			ONLY COUNTED COHO.	
Cathedral River, 313-1005	08/28/2004	Arnie Shaul	Stream Mouth Bay	G	0	2,900	0	0	0	SURVEYED LAKE ONLY, TOO TURBULENT TO SURVEY UPPER END.
Next To Amco Airstp, 313-1009	09/16/2004	Arnie Shaul	Stream Mouth Bay	G			300			ONLY COUNTED COHO.
Black Hills Creek, 313-1011	06/24/2004	Joe Dinnocenzo	Stream Mouth Bay	G	0	0	0	0	0	SURVEYED LOWER MILE, NOTHING SEEN.
				G	0	0	0	0	0	
	06/30/2004	Joe Dinnocenzo	Stream Mouth Bay	G	100	0	0	0	0	
	07/21/2004	Arnie Shaul	Stream Mouth Bay	G	1,000	0	0	0	0	
	09/16/2004	Arnie Shaul	Stream Mouth Bay	G			2,600			ONLY COUNTED COHO.
Steelhead Creek, 313-1014	06/24/2004	Joe Dinnocenzo	Stream Mouth Bay	G	0	0	0	0	0	SURVEYED LOWER 1/2 MILE ONLY, NOTHING SEEN.
				G	0	0	0	0	0	
	06/30/2004	Joe Dinnocenzo	Stream Mouth Bay	G	0	0	0	0	0	SAW ABOUT 500 DOLLIES IN LOWER END OF CREEK. ONLY SURVEYED LOWER MILE.
	07/10/2004	Arnie Shaul	Stream Mouth Bay	E	1,200	0	0	0	0	ALL BELOW FORK

-continued-

Appendix A1.-Page 12 of 24.

Stream	Date	Observer	Location	Visi- bility	Species			Pink	Chum	Observer Remarks
					Chinook	Sockeye	Coho			
	07/21/2004	Arnie Shaul	Stream Mouth Bay	G	2,000	0	0	0	0	
	09/16/2004	Arnie Shaul	Stream Mouth Bay	G			2,600			ONLY COUNTED COHO.
David's River, 313-3001	07/21/2004	Arnie Shaul	Stream Mouth Bay	G	300	200	0	0	0	
	07/26/2004	Arnie Shaul	Stream Mouth Bay	P	800	500	0	0	0	FOGGY, LOW CEILING, DRIZZLE.
	08/01/2004	Joe Dinnocenzo	Stream Mouth Bay	F	0	2,300	0	0	0	SOME REDS MAY BE CHINOOK.
	09/16/2004	Arnie Shaul	Stream Mouth Bay	G	0	1,500	3,300	0	0	ONLY SURVEYED MAIN STEM AND BIG FISH LAKE. SOCKEYE ALL IN LAKE AND COHOS ALL IN MAIN STEM.
Caribou River, 313-3002	07/21/2004	Arnie Shaul	Stream Mouth Bay	G	0	30,000	0	0	0	NOTHING IN DIVIDE LAKE.
Nelson R./hoodoo L., 313-3003	07/21/2004	Arnie Shaul	Stream Mouth Bay	G	1,650	0	0	0	0	COUNTED KINGS ONLY, WEIR COUNT THROUGH JULY 20TH WAS 5,268 ADULT KINGS. NOTHING IN PETERSON CREEK.
	08/17/2004	Joe Dinnocenzo	Stream Mouth Bay	G	0	0	1,600	0	8,700	SURVEYED FOR MOUTH OF CARIBOU TO LAKE AND LEFT FORK. COUNTED COHO AND CHUMS ONLY. 1M700 CHUMS IN LEFT FORK.
	08/25/2004	Arnie Shaul	Stream Mouth Bay	G			5,000		5,000	NO COHO SEEN ABOVE PETERSON CREEK. DID NOT SURVEY LEFT CREEK. ESTIMATED COHO AND CHUM ONLY.
	08/29/2004	Arnie Shaul	Stream Mouth Bay	G			7,000			COUNTED COHO ONLY, SAW NONE ABOVE TOWER SITE, MOST WERE IN LOWER END.

-continued-

Appendix A1.-Page 13 of 24.

Stream	Date	Observer	Location	Visi- bility	Species				Observer Remarks	
					Chinook	Sockeye	Coho	Pink		Chum
	09/16/2004	Arnie Shaul	Stream Mouth Bay	G			52,500		ONLY COUNTED COHO. COHO WERE UP TO ABOUT 1/2 MILE ABOVE WEIR. SEVERAL THOUSAND IN LOWER END.	
Doe Valley, 314-2002	08/07/2004	Bob Murphy	Stream Mouth Bay	G	0	0	0	0	100	
	08/30/2004	Bob Murphy	Stream Mouth Bay	G	0	0	0	0	50	
Buck Valley, 314-2003	08/07/2004	Bob Murphy	Stream Mouth Bay	G	0	0	0	0	0	
	08/30/2004	Bob Murphy	Stream Mouth Bay	G	0	0	0	400	0	
Deer Valley, 314-2004	08/07/2004	Bob Murphy	Stream Mouth Bay	G	0	50	0	0	12,000	
	08/30/2004	Bob Murphy	Stream Mouth Bay	G	0	0	2,000	2,000	12,000	
Portage Valley, 314-2005	08/07/2004	Bob Murphy	Stream Mouth Bay	G	0	0	0	0	3,000	
	08/30/2004	Bob Murphy	Stream Mouth Bay	G	0	0	0	0	100	
Grass Valley, 314-2006	08/07/2004	Bob Murphy	Stream Mouth Bay	G	0	2,000	0	0	9,000	SOCKEYE ARE IN THE LAKE.
	08/30/2004	Bob Murphy	Stream Mouth Bay	G	0	800	0	6,000	0	

-continued-

Appendix A1.-Page 14 of 24.

Stream	Date	Observer	Location	Visi- bility	Species			Observer Remarks		
					Chinook	Sockeye	Coho			
Lawrence Valley, 314-2007										
	08/07/2004		Stream	G	0	0	0	8,500		
		Bob Murphy	Mouth Bay	G	0	0	0	1,000		
	08/30/2004		Stream	G	0	200	3,000	8,000	0	
		Bob Murphy	Mouth Bay							
Mine Harbor, 314-2008										
	08/30/2004		Stream	G	0	0	0	700	600	
		Bob Murphy	Mouth Bay							
Coal Creek, 314-2009										
	08/07/2004		Stream	G	0	0	0	2,000	8,000	PINKS IN LOWER RIVER.
		Bob Murphy	Mouth Bay							
	08/30/2004		Stream	G	0	0	0	0	0	
		Bob Murphy	Mouth Bay							
Mud Bay 3004, 314-3004										
	08/07/2004		Stream	G	0	0	0	0	8,200	
		Bob Murphy	Mouth Bay							
	08/30/2004		Stream	G	0	0	0	1,000	0	
		Bob Murphy	Mouth Bay							
Mud Bay 3005, 314-3005										
	08/07/2004		Stream	G	0	0	0	0	4,500	
		Bob Murphy	Mouth Bay							
	08/30/2004		Stream	G	0	0	800	0	0	
		Bob Murphy	Mouth Bay							
Head Creek, Right Hd, 314-3007										
	08/07/2004		Stream	G	0	0	0	0	900	
		Bob Murphy	Mouth Bay							
	08/30/2004		Stream	G	0	0	200	0	0	
		Bob Murphy	Mouth Bay							

-continued-

Appendix A1.-Page 15 of 24.

Stream	Date	Observer	Location	Visi- bility	Species			Pink	Chum	Observer Remarks
					Chinook	Sockeye	Coho			
Right Head Creek, 314-3009										
	08/07/2004	Bob Murphy	Stream Mouth Bay	G	0	0	0	800	2,500	
	08/30/2004	Bob Murphy	Stream Mouth Bay	G	0	0	2,000	3,000	0	COHO IN LOWER HALF MILE OF RIVER.
Left Head Creek, 314-3010										
	08/07/2004	Bob Murphy	Stream Mouth Bay	G	0	0	0	0	2,500	700 CHUMS IN THE SLOUGH.
	08/28/2004	Bob Murphy	Stream Mouth Bay	E	0	0	0	3,000	0	VERY WINDY, W 25-30, TURNED AROUND.
	08/30/2004	Bob Murphy	Stream Mouth Bay	G	0	0	4,000	5,000	0	COHO IN LOWER ONE MILE OF RIVER.
Frank's Lagoon, 315-1001										
	08/11/2004	Bob Murphy	Stream Mouth Bay	G	0	0	0	800	4,500	
	09/04/2004	Bob Murphy	Stream Mouth Bay	G	0	0	2,000	0	0	
	09/12/2004	Arnie Shaul	Stream Mouth Bay	G	0	0	1,000	0	0	MOST WERE IN VERY LOWER END.
King Salmon River, 315-1002										
	07/22/2004	Bob Murphy	Stream Mouth Bay	F	700	0	0	0	0	SURVEYED ABOVE LAKES TO MOUTH.
	08/11/2004	Bob Murphy	Stream Mouth Bay	G	0	0	0	0	1,200	
	09/04/2004	Bob Murphy	Stream Mouth Bay	G	0	0	2,500	0	0	

-continued-

Appendix A1.-Page 16 of 24.

Stream	Date	Observer	Location	Visi- bility	Species			Pink	Chum	Observer Remarks
					Chinook	Sockeye	Coho			
	09/12/2004	Arnie Shaul	Stream Mouth Bay	G	0	0	3,000	0	0	
Bear River, Branches, 315-1102	06/29/2004	Bob Murphy	Stream Mouth Bay	G	0	8,000	0	0	0	FLEW FROM MAD SOW TO WEIR, LOWER RIVER UNSURVEYABLE DUE TO MURKY WATER.
	07/01/2004	Bob Murphy	Stream Mouth Bay	E	0	5,500	0	0	0	
	07/09/2004	Bob Murphy	Stream Mouth Bay	E	0	4,000	0	0	0	FISH FROM WEIR TO MAD SOW CREEK.
	07/18/2004	Bob Murphy	Stream Mouth Bay	E	0	4,000	0	0	0	FROM WEIR TO MAD SOW. LOWER RIVER UNSURVEYABLE DUE TO MURKY WATER.
	07/22/2004	Bob Murphy	Stream Mouth Bay	E	1,200	6,000	0	0	0	KINGS IN RIDGE RUNNER CREEK. BELOW MAD SOW UNSURVEYABLE.
	08/06/2004	Bob Murphy	Stream Mouth Bay	G	0	2,200	0	0	0	FROM MAD SOW TO WEIR. LOWER RIVER UNSURVEYABLE DUE TO MURKY WATER.
	08/07/2004	Bob Murphy	Stream Mouth Bay	E	0	1,200	0	0	0	FROM WEIR TO MAD SOW.
	08/11/2004	Bob Murphy	Stream Mouth Bay	G	0	3,500	0	0	0	FROM WEIR TO MAD SOW.
	08/18/2004	Phillip Tschersich	Stream Mouth Bay	G	0	3,700	0	0	0	SURVEYED BETWEEN WEIR AND MAD SOW, LOWER RIVER TOO MURKY.
	08/25/2004	Bob Murphy	Stream Mouth Bay	G	0	3,000	0	0	0	FROM WEIR TO MAD SOW, CLEAR CREEK HAD 15,000 SOCKEYE.

-continued-

Appendix A1.-Page 17 of 24.

Stream	Date	Observer	Location	Visi- bility	Species			Pink	Chum	Observer Remarks
					Chinook	Sockeye	Coho			
08/30/2004		Bob Murphy	Stream Mouth Bay	G	0	600	0	0	0	FROM WEIR TO MAD SOW. LOWER RIVER UNSURVEYABLE DUE TO MURKY WATER.
09/04/2004		Bob Murphy	Stream Mouth Bay	G	0	300	0	0	0	
Sandy River & Lake, 315-1201	08/06/2004	Bob Murphy	Stream Mouth Bay	G	0	20,000	0	0	0	
08/25/2004		Arnie Shaul	Stream Mouth Bay	G	5,500	19,100	0	0	0	ESTIMATE INCLUDES MANY CARCASSES.
08/25/2004		Bob Murphy	Stream Mouth Bay	E	4,000	32,000	0	0	0	7,000 SOCKEYE FROM SANDY RIVER LODGE TO ABOVE ADF&G CABIN, 4,000 KINGS IN SAME AREA. 2,000 UNKNOWN MORTS IN RIVER, 25,000 SOCKEYE ON SPAWNING GROUNDS, EXCELLENT CONDITIONS.
09/04/2004		Bob Murphy	Stream Mouth Bay	G	0	5,000	0	0	0	SURVEYED ONLY FROM LODGE TO FISH & GAME CABIN. 6,000 MORTS IN RIVER, MOSTLY CHINOOK.
Lime Creek, 316-1001	07/13/2004	Bob Murphy	Stream Mouth Bay	G	0	0	0	0	400	
08/11/2004		Bob Murphy	Stream Mouth Bay	G	0	0	0	0	600	
08/28/2004		Bob Murphy	Stream Mouth Bay	E	0	0	2,000	0	0	
09/04/2004		Bob Murphy	Stream Mouth Bay	F	0	0	800	0	0	
Unn;c Seniavin/3hill, 316-1002	07/13/2004	Bob Murphy	Stream Mouth Bay	F	0	0	0	0	500	

-continued-

Appendix A1.-Page 18 of 24.

Stream	Date	Observer	Location	Visi- bility	Species			Pink	Chum	Observer Remarks
					Chinook	Sockeye	Coho			
08/11/2004	Bob Murphy	Stream Mouth Bay	G	0	0	0	0	400		
08/28/2004	Bob Murphy	Stream Mouth Bay	E	0	0	800	0	0		
09/04/2004	Bob Murphy	Stream Mouth Bay	F	0	800	800	0	0	SOCKEYE IN THE LAKE.	
Sw Of 3 Hills, 316-1004	07/13/2004	Bob Murphy	Stream Mouth Bay	G	0	600	0	0	400	SOCKEYE IN LAKE.
08/11/2004	Bob Murphy	Stream Mouth Bay	G	0	0	0	0	1,100		
08/28/2004	Bob Murphy	Stream Mouth Bay	E	0	0	500	0	0		
09/04/2004	Bob Murphy	Stream Mouth Bay	F	0	0	1,000	0	0		
Ocean River, 316-1005	09/12/2004	Arnie Shaul	Stream Mouth Bay	G	0	0	1,500	0	0	
Ilnik River/estuary, 316-2001	07/29/2004	Bob Murphy	Stream Mouth Bay	G	0	37,000	0	0	0	WILDMAN LAKE, POOR VISIBILITY, 2,000 SOCKEYE. 35,000 SOCKEYE IN OCEAN RIVER.
08/25/2004	Bob Murphy	Stream Mouth Bay	P	0	0	0	0	0	TOO MURKY.	
08/28/2004	Bob Murphy	Stream Mouth Bay	E	0	0	4,000	0	0		

-continued-

Appendix A1.-Page 19 of 24.

Stream	Date	Observer	Location	Visi- bility	Species			Pink	Chum	Observer Remarks
					Chinook	Sockeye	Coho			
	09/04/2004	Bob Murphy	Stream Mouth Bay	F	0	0	12,000	0	0	
	09/12/2004	Arnie Shaul	Stream Mouth Bay	G	0	0	40,000	0	0	FISH STILL COMING IN. NONE IN ILNIK RIVER.
Unanagashak River, 316-2004	08/25/2004	Bob Murphy	Stream Mouth Bay	G	0	0	0	0	0	TOO MURKY TO SURVEY.
	09/04/2004	Bob Murphy	Stream Mouth Bay	F	0	0	8,000	0	0	
	09/12/2004	Arnie Shaul	Stream Mouth Bay	F	0	0	7,000	0	0	AS USUAL , SURVEYED ONLY LOWER TWO MILES, TOO MURKY ABOVE. SPORT FISHING CAMP NO OPERATING.
Willie Creek, 316-2006	07/29/2004	Bob Murphy	Stream Mouth Bay	G	0	20,000	0	0	0	FISH STARTING TO DIE.
	09/12/2004	Arnie Shaul	Stream Mouth Bay	G	0	0	0	0	0	NO COHOS YET.
Highland Creek, 317-2006	08/06/2004	Bob Murphy	Stream Mouth Bay	G	0	1,500	0	0	0	
Birthday Creek, 317-2008	08/06/2004	Bob Murphy	Stream Mouth Bay	G	0	0	0	0	3,000	
Barbara Creek, 317-2009	08/06/2004	Bob Murphy	Stream Mouth Bay	G	0	0	0	0	1,200	

-continued-

Appendix A1.-Page 20 of 24.

Stream	Date	Observer	Location	Visi- bility	Species			Chum	Observer Remarks
					Chinook	Sockeye	Coho		
Red Bluff Creek, 317-204a	07/09/2004	Bob Murphy	Stream Mouth Bay	E	0	7,000	0	0	FISH UP RIVER ONE MILE.
	08/06/2004	Bob Murphy	Stream Mouth Bay	G	0	18,000	0	0	
Yellow Bluff Creek, 317-204b	08/06/2004	Bob Murphy	Stream Mouth Bay	G	0	2,000	0	0	
Meshik River, 317-207a	06/23/2004	Bob Murphy	Stream Mouth Bay	P	0	5,000	0	0	MURKY WATER, WINDY.
	06/29/2004	Bob Murphy	Stream Mouth Bay	F	0	7,500	0	0	FISH BELOW SCOTTY'S ISLAND.
	07/09/2004	Bob Murphy	Stream Mouth Bay	G	0	40,000	0	0	MOST OF FISH ARE ABOVE SCOTTY'S ISLAND WITH IN 5 MILES.
	08/06/2004	Bob Murphy	Stream Mouth Bay	G	500	10,000	0	0	MESHIK MAIN STEM, MESHIK LAKE TOO MURKY TO SURVEY.
	08/25/2004	Bob Murphy	Stream Mouth Bay	G	0	0	3,000	0	
	09/12/2004	Arnie Shaul	Stream Mouth Bay	G	0	0	135,000	0	FISH STILL COMING IN.
Braided Creek, 317-207b	08/06/2004	Bob Murphy	Stream Mouth Bay	G	2,200	0	0	0	
Landlocked (hotspr.), 317-207c	08/06/2004	Bob Murphy	Stream Mouth Bay	G	0	10,000	0	0	

-continued-

Appendix A1.-Page 21 of 24.

Stream	Date	Observer	Location	Visi- bility	Species				Observer Remarks	
					Chinook	Sockeye	Coho	Pink		Chum
08/25/2004		Bob Murphy	Stream Mouth Bay	G	0	0	10,000	0	0	
Blue Violet Creek, 317-207e	08/06/2004	Bob Murphy	Stream Mouth Bay	G	0	25,000	0	0	0	5,000 SOCKEYE IN SLEEPY CREEK, 2,000 SOCKEYE IN SLOUGH.
Wolf Creek, 317-207f	08/06/2004	Bob Murphy	Stream Mouth Bay	G	0	6,000	0	0	0	
Unnamed, 317-207g	08/06/2004	Bob Murphy	Stream Mouth Bay	P	0	0	0	0	0	TOO MURKY TO SURVEY.
Shoe Creek, 317-207h	08/06/2004	Bob Murphy	Stream Mouth Bay	G	700	6,000	0	0	0	
Unnamed, 317-207j	08/06/2004	Bob Murphy	Stream Mouth Bay	G	0	0	0	0	300	
Unnamed, 317-207k	08/06/2004	Bob Murphy	Stream Mouth Bay	G	0	7,000	0	0	0	
Unnamed, 317-207l	08/06/2004	Bob Murphy	Stream Mouth Bay	G	800	4,000	0	0	0	
Unnamed, 317-207m	08/06/2004	Bob Murphy	Stream Mouth Bay	G	0	1,500	0	0	0	
Unnamed, 317-207n	07/09/2004	Bob Murphy	Stream Mouth Bay	E	0	1,000	0	0	0	FISH AT MOUTH.

-continued-

Appendix A1.-Page 22 of 24.

Stream	Date	Observer	Location	Visi- bility	Species			Observer Remarks		
					Chinook	Sockeye	Coho			
Plenty Bear Creek, 317-207O	08/06/2004	Bob Murphy	Stream Mouth Bay	G	2,200	6,000	0	0	0	
Paddle Creek, 317-207OA	08/06/2004	Bob Murphy	Stream Mouth Bay	G	0	0	0	0	4,300	
Waterfall Creek, 317-207P	08/06/2004	Bob Murphy	Stream	P	0	0	0	0	0	TOO MURKY TO SURVEY.
			Mouth	P	0	0	0	0	0	
			Bay	P	0	0	0	0	0	
Rainbow Creek, 317-207r	08/06/2004	Bob Murphy	Stream Mouth Bay	G	1,800	3,300	0	0	0	
Cub Creek, 317-207t	08/06/2004	Bob Murphy	Stream Mouth Bay	G	0	300	0	0	0	
Reindeer Creek, 318-1001	08/06/2004	Bob Murphy	Stream	G	0	0	0	0	35,000	
			Mouth Bay							
	09/12/2004	Arnie Shaul	Stream Mouth Bay	G	0	0	3,000	0	0	
Mud Creek, 318-2004	08/19/2004	Ken Bouwens	Stream	F	0	0	2,500	0	0	
			Mouth Bay							
	08/25/2004	Bob Murphy	Stream Mouth Bay	G	0	0	10,000	0	0	
	09/12/2004	Arnie Shaul	Stream Mouth Bay	G	0	0	21,500	0	0	

-continued-

Appendix A1.-Page 23 of 24.

Stream	Date	Observer	Location	Visi- bility	Species			Pink	Chum	Observer Remarks
					Chinook	Sockeye	Coho			
Cinder River, Main, 318-206a	07/13/2004	Bob Murphy	Stream Mouth Bay	F	0	18,000	0	0	0	ALL IN MAIN RIVER.
	08/06/2004	Bob Murphy	Stream Mouth Bay	G	1,800	12,000	0	0	0	
	08/19/2004	Ken Bouwens	Stream Mouth Bay	F	0	0	1,000	0	0	
	08/25/2004	Bob Murphy	Stream Mouth Bay	G	0	0	3,000	0	0	
	09/12/2004	Arnie Shaul	Stream Mouth Bay	G	0	0	27,500	0	0	FISH STILL COMING IN, DEFINITELY A LATER RUN THAN MUD CREEKS.
Lava Creek, 318-206d	08/06/2004	Bob Murphy	Stream Mouth Bay	G	0	25,000	0	0	0	
High Creek, 318-206e	08/06/2004	Bob Murphy	Stream Mouth Bay	G	0	4,000	0	0	0	
Meloy Creek, 318-206h	08/06/2004	Bob Murphy	Stream Mouth Bay	G	1,000	8,000	0	0	0	
Wiggly Creek, 318-206j	08/06/2004	Bob Murphy	Stream Mouth Bay	G	900	6,000	0	0	0	
Ray Creek, 318-206k	08/06/2004	Bob Murphy	Stream Mouth Bay	G	400	0	0	0	0	

-continued-

**Appendix A1.-Page 24 of 24.**

Stream	Date	Observer	Location	Visi- bility	Species			Pink	Chum	Observer Remarks
					Chinook	Sockeye	Coho			
Unnamed, 318-2061	08/06/2004	Bob Murphy	Stream Mouth Bay	G	100	50	0	0	0	
	08/06/2004	Bob Murphy	Stream Mouth Bay	G	100	50	0	0	0	



## **APPENDIX B. BEAR RIVER TEST FISHERY**

Appendix B1.-North Bear River test fishery results for August 3, 2004.

Date	8/3/2004
Port Moller High Tide	1:36 AM (12.4') / 1:31 PM (9.3')
Port Moller Low Tide	7:27 AM (3.4') / 7:23 PM (-0.9')
Fishing Vessel & Skipper	Vincenza A / Pat Springer
Mesh Size	4 5/8"
ADFG Observer	Bob Murphy

SETS				
	1st	2nd	3rd	4th
Location Description	1/2 mile offshore and 1/2 mile N of Bear River Church, 1 set out	At the Bear River Church on the beach	At the north 1000 yard Bear River Regulatory Marker	Inside the north 1000 yard regulatory marker at Bear River
GPS Latitude	56° 10.737'	56° 10.136'	56° 08.890'	56° 08.670'
GPS Longitude	160° 26.370'	160° 26.041'	160° 27.001'	160° 27.205'
Amount Net Used	200 fathoms	200 fathoms	200 fathoms	200 fathoms
Time Set (last buoy in water)	9:57	10:37	11:40	13:02
Time Started Picking	10:18	10:58	12:20	13:30
Time Net Out of Water	10:24	11:22	12:50	13:54
Total Soak Time (Time Set through Time Net out of Water)	0:27	0:45	1:10	0:52
CATCH AMOUNTS				
Sockeye	1	9	207	153
Chinook	0	0	0	0
Pink	0	0	0	0
Chum	0	4	4	2
Coho	1	0	0	0
Starry Flounder	0	1	3	3
Irish Lords	0	0	1	0
Other Species:				
Other Species:				

Comments: W10 -Wind

-continued-

Date	8/3/2004
Port Moller High Tide	1:36 AM (12.4') / 1:31 PM (9.3')
Port Moller Low Tide	7:27 AM (3.4') / 7:23 PM (-0.9')
Fishing Vessel & Skipper	Vincenza A / Pat Springer
Mesh Size	4 5/8"
ADFG Observer	Bob Murphy

SETS				
	5th	6th	7th	8th
Location Description	At the North 1000 yd Bear River regulatory marker on the beach	On the beach 1/4 mile north of the northern 1000 yd Bear River marker		
GPS Latitude	56° 08.875'	56° 09.201'		
GPS Longitude	160° 27.040'	160° 26.799'		
Amount Net Used	200 fathoms	200 fathoms		
Time Set (last buoy in water)	14:05	15:50		
Time Started Picking	15:11	16:40		
Time Net Out of Water	15:40	17:05		
Total Soak Time (Time Set through Time Net out of Water)	1:35	1:15		
				<b>Total Soak</b>
<b>CATCH AMOUNTS</b>				<b>Totals</b>
Sockeye	127	54		<b>551</b>
Chinook	0	0		<b>0</b>
Pink	0	0		<b>0</b>
Chum	5	0		<b>15</b>
Coho	0	0		<b>1</b>
Starry Flounder	0	0		<b>7</b>
Irish Lords	0	0		<b>1</b>
Other Species:				
Other Species:				
Comments:				

Appendix B2.-South Bear River test fishery results for August 3, 2004.

Date	8/3/2004
Port Moller High Tide	1:36 AM (12.4') / 1:31 PM (9.3')
Port Moller Low Tide	7:27 AM (3.4') / 7:23 PM (-0.9')
Fishing Vessel & Skipper	Martha Marie / Bruce Hendrickson
Mesh Size	4 1/2"
ADFG Observer	Tracy Murtha

SETS				
	1st	2nd	3rd	4th
Location Description	South of whalehole, 1/2 mile off beach	South of whalehole, near beach	At the southern 1000yd Bear River regulatory marker, close to the beach	1/8 mile off of South bank of Bear River within southern regulatory marker
GPS Latitude	56° 07.17'	56° 07.29'	56° 07.62'	56° 08.12'
GPS Longitude	160° 28.16'	160° 27.33'	160° 27.37'	160° 27.37'
Amount Net Used	200 fathoms	200 fathoms	200 fathoms	200 fathoms
Time Set (last buoy in water)	10:10	11:14	12:10	13:43
Time Started Picking	10:43	11:48	13:17	14:03
Time Net Out of Water	11:02	12:03	13:29	14:19
Total Soak Time (Time Set through Time Net out of Water)	0:52	0:49	1:19	0:36
CATCH AMOUNTS				
Sockeye	30	18	2	18
Chinook	0	0	0	0
Pink	0	0	0	0
Chum	0	1	0	1
Coho	0	1	0	0
Starry Flounder	0	2	0	0
Irish Lords	0	0	0	0
Other Species:				
Other Species:				

Comments:

-continued-

Date	8/3/2004
Port Moller High Tide	1:36 AM (12.4') / 1:31 PM (9.3')
Port Moller Low Tide	7:27 AM (3.4') / 7:23 PM (-0.9')
Fishing Vessel & Skipper	Martha Marie / Bruce Hendrickson
Mesh Size	4 1/2"
ADFG Observer	Tracy Murtha

SETS					
	5th	6th	7th	8th	
Location Description	North bank of Bear River close to shore	S of Bear River Church, 1/8 mile off beach			
GPS Latitude	56° 08.44'	56° 09.71'			
GPS Longitude	160° 27.21'	160° 26.43'			
Amount Net Used	200 fathoms	200 fathoms			
Time Set (last buoy in water)	14:31	16:52			
Time Started Picking	15:27	17:16			
Time Net Out of Water	16:17	17:29			
Total Soak Time (Time Set through Time Net out of Water)	1:46	0:37			
					<b>Total Soak</b>
					<b>5:59</b>
CATCH AMOUNTS					
					<b>Totals</b>
Sockeye	189	3			<b>260</b>
Chinook	0	0			<b>0</b>
Pink	3	0			<b>3</b>
Chum	3	0			<b>5</b>
Coho	3	0			<b>4</b>
Starry Flounder	4	0			<b>6</b>
Irish Lords	0	0			<b>0</b>
Other Species:					
Other Species:					

Appendix B3.-North Bear River test fishery results for August 4, 2004.

Date	8/4/2004
Port Moller High Tide	2:26 AM (12.1') / 2:39 PM (9.5')
Port Moller Low Tide	8:21 AM (2.2') / 8:22 PM (0.7')
Fishing Vessel & Skipper	Sports Fan / Tom Wooding
Mesh Size	4 5/8"
ADFG Observer	Bob Murphy

SETS				
	1st	2nd	3rd	4th
Location Description	2 miles north of Bear River Church on the beach	At the Bear River Church on the beach	At the north 1000 yd bear River regulatory marker, on the beach	1/4 mile inside the North Bear River marker
GPS Latitude	56° 11.40'	56° 10.13'	56° 08.93'	56° 08.72'
GPS Longitude	160° 25.09'	160° 26.00'	160° 26.99'	160° 27.15'
Amount Net Used	200 fathoms	200 fathoms	200 fathoms	200 fathoms
Time Set (last buoy in water)	10:17	11:19	13:00	14:03
Time Started Picking	10:51	12:29	13:32	14:30
Time Net Out of Water	11:04	12:41	13:54	15:16
Total Soak Time (Time Set through Time Net out of Water)	0:47	1:22	0:54	1:13
CATCH AMOUNTS				
Sockeye	6	8	71	285
Chinook	0	0	0	0
Pink	0	0	1	0
Chum	0	0	0	1
Coho	0	0	1	1
Starry Flounder	2	6	8	3
Irish Lords	4	3	0	1
Yellowfin Sole	10	8	14	6
Other Species:				

Comments:

-continued-

Date	8/4/2004
Port Moller High Tide	2:26 AM (12.1') / 2:39 PM (9.5')
Port Moller Low Tide	8:21 AM (2.2') / 8:22 PM (0.7')
Fishing Vessel & Skipper	Sports Fan / Tom Wooding
Mesh Size	4 5/8"
ADFG Observer	Bob Murphy

SETS				
	5th	6th	7th	8th
Location Description	1/4 mile inside 1000 yd northern Bear River regulatory marker			
GPS Latitude	56° 08.72'			
GPS Longitude	160° 27.15'			
Amount Net Used	200 fathoms			
Time Set (last buoy in water)	15:29			
Time Started Picking	15:50			
Time Net Out of Water	16:30			
Total Soak Time (Time Set through Time Net out of Water)	1:01			
				<b>Total Soak</b>
				<b>5:17</b>
CATCH AMOUNTS				
				<b>Totals</b>
Sockeye	191			<b>561</b>
Chinook	0			<b>0</b>
Pink	0			<b>1</b>
Chum	2			<b>3</b>
Coho	0			<b>2</b>
Starry Flounder	4			<b>23</b>
Irish Lords	2			<b>10</b>
Yellowfin Sole	0			<b>38</b>
Other Species:				

Comments:

Appendix B4.-South Bear River test fishery results for August 4, 2004.

Date	8/4/2004
Port Moller High Tide	2:26 AM (12.1') / 2:39 PM (9.5')
Port Moller Low Tide	8:21 AM (2.2') / 8:22 PM (0.7')
Fishing Vessel & Skipper	Silver Knight / Greg Hertel
Mesh Size	4 1/2"
ADFG Observer	Tracy Murtha

SETS				
	1st	2nd	3rd	4th
Location Description	South of whalehole, 1/2 mile off beach	South of whalehole near beach	South of whalehole near beach	Southern Bear River regulatory marker, close to the beach
GPS Latitude	56° 07.382'	56° 07.357'	56° 07.357'	56° 07.837'
GPS Longitude	160° 28.266'	160° 27.784'	160° 27.784'	160° 27.772'
Amount Net Used	200 fathoms	200 fathoms	200 fathoms	200 fathoms
Time Set (last buoy in water)	9:40	10:34	11:34	13:01
Time Started Picking	10:16	11:12	12:34	14:01
Time Net Out of Water	10:23	11:29	12:52	14:16
Total Soak Time (Time Set through Time Net out of Water)	0:43	0:55	1:18	1:15
CATCH AMOUNTS				
Sockeye	0	111	102	42
Chinook	0	0	0	0
Pink	0	0	0	0
Chum	0	2	0	1
Coho	0	0	0	0
Starry Flounder	0	0	0	0
Irish Lords	0	0	0	0
Other Species:				
Other Species:				

Comments:

-continued-

Date	8/4/2004
Port Moller High Tide	2:26 AM (12.1') / 2:39 PM (9.5')
Port Moller Low Tide	8:21 AM (2.2') / 8:22 PM (0.7')
Fishing Vessel & Skipper	Silver Knight / Greg Hertel
Mesh Size	4 1/2"
ADFG Observer	Tracy Murtha

SETS					
	5th	6th	7th	8th	
Location Description	South Bank of Bear River mouth	South Bank of Bear River mouth			
GPS Latitude	56° 08.162'	56° 08.130'			
GPS Longitude	160° 27.773'	160° 27.162'			
Amount Net Used	200 fathoms	200 fathoms			
Time Set (last buoy in water)	14:22	15:49			
Time Started Picking	15:08	16:22			
Time Net Out of Water	15:41	16:38			
Total Soak Time (Time Set through Time Net out of Water)	1:19	0:49			
					<b>Total Soak</b>
					<b>6:19</b>
CATCH AMOUNTS					
					<b>Totals</b>
Sockeye	249	66			<b>570</b>
Chinook	0	0			<b>0</b>
Pink	0	1			<b>1</b>
Chum	2	1			<b>6</b>
Coho	0	0			<b>0</b>
Starry Flounder	0	0			<b>0</b>
Irish Lords	0	0			<b>0</b>
Other Species:					<b>0</b>
Other Species:					
Comments:					

Appendix B5.-North Bear River test fishery results for August 5, 2004.

Date	8/5/2004
Port Moller High Tide	3:14 AM (11.6') / 3:45 PM (9.7')
Port Moller Low Tide	9:13 AM (1.3') / 9:20 AM (2.2')
Fishing Vessel & Skipper	Karissa Dawn / Rick Nucci
Mesh Size	41/2"
ADFG Observer	Bob Murphy

SETS				
	1st	2nd	3rd	4th
Location Description	At the 1000 yd northern Bear River regulatory marker, on the beach	At the Bear River Church on the beach	200 yds inside the northern 1000 yd Bear River regulatory marker	200 yds inside the northern 1000 yd Bear River regulatory marker
GPS Latitude	56° 08.883'	56° 10.126'	56° 08.789'	56° 08.769'
GPS Longitude	160° 27.121'	160° 26.042'	160° 27.122'	160° 27.204'
Amount Net Used	200 fathoms	200 fathoms	200 fathoms	200 fathoms
Time Set (last buoy in water)	11:14	12:32	14:28	15:17
Time Started Picking	12:10	13:59	14:29	15:32
Time Net Out of Water	12:17	14:10	15:10	16:22
Total Soak Time (Time Set through Time Net out of Water)	1:03	1:38	0:42	1:05
CATCH AMOUNTS				
Sockeye	0	0	156	337
Chinook	0	0	0	0
Pink	0	0	0	0
Chum	0	0	0	0
Coho	0	0	0	0
Starry Flounder	0	0	0	0
Irish Lords	0	0	0	0
Other Species:				
Other Species:				

Comments:

-continued-

Date	8/5/2004
Port Moller High Tide	3:14 AM (11.6') / 3:45 PM (9.7')
Port Moller Low Tide	9:13 AM (1.3') / 9:20 AM (2.2')
Fishing Vessel & Skipper	Karissa Dawn / Rick Nucci
Mesh Size	4 1/2"
ADFG Observer	Bob Murphy

SETS				
	5th	6th	7th	8th

Location Description	5th	6th	7th	8th	
	3/8 mile off North Bear River 1000 yd regulatory marker	300 yds off the beach and 1/8 mile inside North 1000yd marker	1/2 mile offshore of 1000 yd north Bear River marker		
GPS Latitude	56° 08.806'	56° 08.793'	56° 09.141'		
GPS Longitude	160° 27.687'	160° 27.331'	160° 27.972'		
Amount Net Used	100 fathoms	200 fathoms	200 fathoms		
Time Set (last buoy in water)	16:32	17:09	18:34		
Time Started Picking	16:55	17:19	18:52		
Time Net Out of Water	17:03	17:48	19:00		
Total Soak Time (Time Set through Time Net out of Water)	0:31	0:39	0:26		<b>Total Soak</b>
					<b>6:04</b>
CATCH AMOUNTS					Totals
Sockeye	18	72	4		<b>587</b>
Chinook	0	0	0		<b>0</b>
Pink	0	0	0		<b>0</b>
Chum	1	0	0		<b>1</b>
Coho	0	0	0		<b>0</b>
Starry Flounder	0	0	0		<b>0</b>
Irish Lords	0	0	0		<b>0</b>
Other Species:					
Other Species:					

Comments:

Appendix B6.-South Bear River test fishery results for August 5, 2004.

Date	8/5/2004
Port Moller High Tide	3:14 AM (11.6') / 3:45 PM (9.7')
Port Moller Low Tide	9:13 AM (1.3') / 9:20 AM (2.2')
Fishing Vessel & Skipper	Passing Storm / Ron Sherin
Mesh Size	4 7/8"
ADFG Observer	Phillip Tschersich

SETS				
	1st	2nd	3rd	4th
Location Description	100 meters south of the southern King Salmon marker, close to the beach	1/2 mile south of the southern Bear River regulatory marker, 100 meters off the beach	South of thr whalehole, 1/2 mile off the beach	1/4 mile north of King Salmon River, 100 meters off the beach
GPS Latitude	56° 07.522'	56° 07.000'	56° 06.415'	56° 05.130'
GPS Longitude	160° 27.500'	160° 27.922'	160° 28.975'	160° 29.340'
Amount Net Used	200 fathoms	200 fathoms	200 fathoms	200 fathoms
Time Set (last buoy in water)	11:07	11:48	12:42	14:05
Time Started Picking	11:26	12:14	13:42	15:04
Time Net Out of Water	11:37	12:29	13:49	15:19
Total Soak Time (Time Set through Time Net out of Water)	0:30	0:41	1:07	1:14
CATCH AMOUNTS				
Sockeye	7	26	0	7
Chinook	0	0	0	0
Pink	0	0	0	1
Chum	1	2	0	4
Coho	0	0	0	0
Starry Flounder	1	2	0	10
Irish Lords	1	2	0	2
Other Species:				
Other Species:				

Comments:

-continued-

Date	8/5/2004
Port Moller High Tide	3:14 AM (11.6') / 3:45 PM (9.7')
Port Moller Low Tide	9:13 AM (1.3') / 9:20 AM (2.2')
Fishing Vessel & Skipper	Passing Storm / Ron Sherin
Mesh Size	4 7/8"
ADFG Observer	Phillip Tschersich

**SETS**

	5th	6th	7th	8th	
Location Description	100 meters N of Northern Bear River marker	200 meters N of northern Bear River marker, 1/2 way between mouth & church, 50m off beach	At the North marker of Bear river, 200m of the beach		
GPS Latitude	56° 09.145'	56° 09.245'	56° 09.060'		
GPS Longitude	160° 27.240'	160° 27.970'	160° 27.643'		
Amount Net Used	200 fathoms	200 fathoms	200 fathoms		
Time Set (last buoy in water)	16:01	17:10	18:26		
Time Started Picking	16:31	17:29	18:54		
Time Net Out of Water	16:58	18:20	19:06		
Total Soak Time (Time Set through Time Net out of Water)	0:57	1:10	0:40		<b>Total Soak</b>
					<b>6:19</b>
<b>CATCH AMOUNTS</b>					<b>Totals</b>
Sockeye	114	173	18		<b>345</b>
Chinook	0	0	0		<b>0</b>
Pink	7	4	0		<b>12</b>
Chum	5	2	3		<b>17</b>
Coho	1	0	0		<b>1</b>
Starry Flounder	1	4	0		<b>18</b>
Irish Lords	0	1	0		<b>6</b>
Hooligan	2	3	0		<b>5</b>
Other Species:					

Comments:

Appendix B7.-North Bear River test fishery results for August 7, 2004.

Date	8/7/2004
Port Moller High Tide	4:47 AM (10.4') / 5:50 PM (10.1')
Port Moller Low Tide	10:51 AM (0.0') / 11:17 PM (4.8')
Fishing Vessel & Skipper	Teri Lynn / Tim Wooding
Mesh Size	4 5/8"
ADFG Observer	Tracy Murtha

SETS				
	1st	2nd	3rd	4th
Location Description	1/2 mile North of the Bear River Church and 1/2 mile out	At the Bear River Church on the beach	North Bear River Marker, near beach	Inside north Bear River Marker on the beach halfway between the marker and mouth
GPS Latitude	56° 10.668'	56° 10.150'	56° 09.031'	56° 08.683'
GPS Longitude	160° 26.939'	160° 26.143'	160° 27.223'	160° 27.214'
Amount Net Used	200 fathoms	200 fathoms	200 fathoms	200 fathoms
Time Set (last buoy in water)	11:09	11:48	12:38	14:05
Time Started Picking	11:25	12:02	12:52	14:20
Time Net Out of Water	11:37	12:15	13:05	14:33
Total Soak Time (Time Set through Time Net out of Water)	0:28	0:27	0:27	0:28
CATCH AMOUNTS				
Sockeye	0	2	2	7
Chinook	0	0	0	0
Pink	0	0	0	0
Chum	0	0	0	0
Coho	0	0	0	0
Starry Flounder	0	6	5	2
Irish Lords	0	4	3	0
Other Species:				
Other Species:				

Comments: Seals, no fish

-continued-

Date	8/7/2004
Port Moller High Tide	4:47 AM (10.4') / 5:50 PM (10.1')
Port Moller Low Tide	10:51 AM (0.0') / 11:17 PM (4.8')
Fishing Vessel & Skipper	Teri Lynn / Tim Wooding
Mesh Size	4 5/8"
ADFG Observer	Tracy Murtha

SETS				
	5th	6th	7th	8th

Location Description	Inside north Bear River marker halfway between marker & mouth, closer to mouth than before	Inside north Bear River marker halfway between marker & mouth, closer to shore	Between north Bear River marker and mouth, closer to the mouth than the marker	Between north Bear River marker and mouth, closer to the mouth than the marker	
GPS Latitude	56° 08.730'	56° 08.754'	56° 08.690'	56° 08.791'	
GPS Longitude	160° 27.129'	160° 27.150'	160° 27.119'	160° 27.188'	
Amount Net Used	200 fathoms	200 fathoms	200 fathoms	200 fathoms	
Time Set (last buoy in water)	15:04	16:03	17:15	18:35	
Time Started Picking	15:36	16:48	17:56	18:53	
Time Net Out of Water	15:49	17:04	18:28	19:04	
Total Soak Time (Time Set through Time Net out of Water)	0:45	1:01	1:13	0:29	<b>Total Soak</b>
					<b>5:18</b>
CATCH AMOUNTS					Totals
Sockeye	8	4	80	9	<b>112</b>
Chinook	0	0	0	0	<b>0</b>
Pink	0	0	6	3	<b>9</b>
Chum	0	0	0	0	<b>0</b>
Coho	0	0	1	1	<b>2</b>
Starry Flounder	8	10	12	0	<b>43</b>
Irish Lords	0	1	0	0	<b>8</b>
Yellowfin Sole	3	0	0	0	<b>3</b>
Other Species:					

Comments: Lots of seals and no fish

Appendix B8.-South Bear River test fishery results for August 7, 2004.

Date	8/7/2004
Port Moller High Tide	4:47 AM (10.4') / 5:50 PM (10.1')
Port Moller Low Tide	10:51 AM (0.0') / 11:17 PM (4.8')
Fishing Vessel & Skipper	Chesapeake / Dick Walsh
Mesh Size	4 3/4"
ADFG Observer	Phillip Tschersich

SETS				
	1st	2nd	3rd	4th
Location Description	Halfway between mouth of Franks Lgn and mouth of King Salmon River, 250 meters off beach	1/2 mile south of Southern Bear River regulatory marker, 1/2 mile off beach	1 mile south of Bear River mouth, (south side of Whalehole)	South Bear River regulatory marker, 50 meters off beach
GPS Latitude	56° 04.106'	56° 07.040'	56° 06.784'	56° 07.667'
GPS Longitude	160° 30.803'	160° 28.570'	160° 28.120'	160° 27.510'
Amount Net Used	200 fathoms	200 fathoms	200 fathoms	200 fathoms
Time Set (last buoy in water)	10:23	11:22	11:58	12:40
Time Started Picking	10:42	11:37	12:13	12:55
Time Net Out of Water	10:49	11:46	12:22	13:08
Total Soak Time (Time Set through Time Net out of Water)	0:26	0:24	0:24	0:28
CATCH AMOUNTS				
Sockeye	0	0	2	9
Chinook	0	0	0	0
Pink	0	0	0	0
Chum	0	0	0	0
Coho	0	0	0	0
Starry Flounder	0	0	2	2
Irish Lords	0	0	2	1
Other Species:				
Other Species:				

Comments: Seals, no fish

-continued-

Date	8/7/2004
Port Moller High Tide	4:47 AM (10.4') / 5:50 PM (10.1')
Port Moller Low Tide	10:51 AM (0.0') / 11:17 PM (4.8')
Fishing Vessel & Skipper	Chesapeake / Dick Walsh
Mesh Size	4 3/4"
ADFG Observer	Phillip Tschersich

SETS				
	5th	6th	7th	8th

Location Description	5th	6th	7th	8th
Location Description	500 meters south of Bear River mouth, 75 meters off beach	300 yds north of northern Bear River marker, 30 yd off beach	200 meters north of southern Bear River marker, 100 meters off beach	100 meters inside of northern Bear River marker, 2nd set out, 400 meters off beach
GPS Latitude	56° 07.922'	56° 09.290'	56° 07.998'	56° 09.030'
GPS Longitude	160° 27.670'	160° 26.875'	160° 27.551'	160° 27.570'
Amount Net Used	200 fathoms	200 fathoms	200 fathoms	200 fathoms
Time Set (last buoy in water)	13:26	15:01	15:47	16:32
Time Started Picking	13:31	15:12	16:03	16:49
Time Net Out of Water	13:45	15:24	16:18	16:57
Total Soak Time (Time Set through Time Net out of Water)	0:19	0:23	0:31	0:25
CATCH AMOUNTS				
Sockeye	34	9	15	6
Chinook	0	0	0	0
Pink	1	2	4	0
Chum	1	0	0	0
Coho	1	0	1	1
Starry Flounder	3	3	16	1
Irish Lords	0	1	0	0
Other Species:				
Other Species:				

Comments: A few jumpers close to mouth, large fish, lots of seals

-continued-

Date	8/7/2004
Port Moller High Tide	4:47 AM (10.4') / 5:50 PM (10.1')
Port Moller Low Tide	10:51 AM (0.0') / 11:17 PM (4.8')
Fishing Vessel & Skipper	Chesapeake / Dick Walsh
Mesh Size	4 3/4"
ADFG Observer	Phillip Tschersich

SETS				
	9th	10th	11th	12th
Location Description	Halfway between mouth of Bear River and mouth of King Salmon River, 10 meters meters off beach	Halfway between mouth of Bear River and mouth of King Salmon River, 10 meters meters off beach		
GPS Latitude	56° 06.450'	56° 06.447'		
GPS Longitude	160° 28.070'	160° 28.040'		
Amount Net Used	200 fathoms	200 fathoms		
Time Set (last buoy in water)	17:29	18:36		
Time Started Picking	18:02	19:08		
Time Net Out of Water	18:25	19:38		
Total Soak Time (Time Set through Time Net out of Water)	0:56	1:02		
				<b>Total Soak</b>
				<b>5:18</b>
CATCH AMOUNTS				
				<b>Totals</b>
Sockeye	76	70		<b>221</b>
Chinook	0	0		<b>0</b>
Pink	9	9		<b>25</b>
Chum	2	6		<b>9</b>
Coho	3	3		<b>9</b>
Starry Flounder	6	20		<b>53</b>
Irish Lords	2	0		<b>6</b>
Other Species:				
Other Species:				

Comments: Lots of seals, no fish

Appendix B9.-North Bear River test fishery results for August 10, 2004.

Date	8/10/2004
Port Moller High Tide	4:47 AM (10.4') / 5:50 PM (10.1')
Port Moller Low Tide	10:51 AM (0.0') / 11:17 PM (4.8')
Fishing Vessel & Skipper	Blue Moon/ Tom Murtha
Mesh Size	4 3/4"
ADFG Observer	Tracy Murtha

SETS				
	1st	2nd	3rd	4th
Location Description	1/2 mile North of the Bear River Church and 1/2 mile out	At the Bear River Church on the beach	At the Bear River Church on the beach	1/2 mile North of the Bear River Church, on the beach
GPS Latitude	56° 10.82'	56° 10.16'	56° 10.27'	56° 10.74'
GPS Longitude	160° 26.40'	160° 26.94'	160° 26.02'	160° 25.69'
Amount Net Used	200 fathoms	200 fathoms	200 fathoms	200 fathoms
Time Set (last buoy in water)	8:48	9:31	11:17	13:35
Time Started Picking	9:06	10:34	12:55	14:53
Time Net Out of Water	9:20	11:07	13:22	15:20
Total Soak Time (Time Set through Time Net out of Water)	0:32	1:36	2:05	1:45
CATCH AMOUNTS				
Sockeye	8	113	54	62
Chinook	0	0	0	0
Pink	9	16	10	18
Chum	1	8	4	8
Coho	0	3	0	0
Starry Flounder	0	1	3	0
Irish Lords	0	0	3	4
Yellowfin Sole	0	0	0	0
Other Species:				

Comments: Seals, no fish

-continued-

Date	8/10/2004
Port Moller High Tide	4:47 AM (10.4') / 5:50 PM (10.1')
Port Moller Low Tide	10:51 AM (0.0') / 11:17 PM (4.8')
Fishing Vessel & Skipper	Blue Moon/ Tom Murtha
Mesh Size	4 3/4"
ADFG Observer	Tracy Murtha

SETS					
	5th	6th	7th	8th	
Location Description	1/2 Mile North of northern Bear River Marker				
GPS Latitude	56° 09.48'				
GPS Longitude	160° 26.86'				
Amount Net Used	100 fathoms				
Time Set (last buoy in water)	15:37				
Time Started Picking	16:13				
Time Net Out of Water	16:22				
Total Soak Time (Time Set through Time Net out of Water)	0:45				
					<b>Total Soak</b>
					<b>6:43</b>
CATCH AMOUNTS					
					<b>Totals</b>
Sockeye	6				<b>243</b>
Chinook	0				<b>0</b>
Pink	1				<b>54</b>
Chum	2				<b>23</b>
Coho	0				<b>3</b>
Starry Flounder	0				<b>4</b>
Irish Lords	1				<b>8</b>
Other Species:					<b>0</b>
Other Species:					

Comments: Lots of seals and no fish

Appendix B10.-South Bear River test fishery results for August 10, 2004.

Date	8/10/2004
Port Moller High Tide	4:47 AM (10.4') / 5:50 PM (10.1')
Port Moller Low Tide	10:51 AM (0.0') / 11:17 PM (4.8')
Fishing Vessel & Skipper	Steppin Stone/ Mark Andrich
Mesh Size	4 1/2"
ADFG Observer	Bob Murphy

SETS				
	1st	2nd	3rd	4th
Location Description	At the whalehole, 1/2 mile out	On the beach, 200 yds south of the Bear River southern 1000 yd regulatory marker	1/8 mile north of the northern Bear River regulatory marker	1/4 mile south of the Bear River Church
GPS Latitude	56° 07.550'	56° 07.45'	56° 09.263'	56° 09.85'
GPS Longitude	160° 27.890'	160° 27.50'	160° 26.65'	160° 26.300'
Amount Net Used	200 fathoms	200 fathoms	200 fathoms	200 fathoms
water)	8:45	9:28	10:54	12:22
Time Started Picking	9:09	10:21	11:53	13:58
Time Net Out of Water	9:18	10:32	12:09	14:14
Total Soak Time (Time Set through Time Net out	0:33	1:04	1:15	1:52
CATCH AMOUNTS				
Sockeye	3	5	15	28
Chinook	0	0	0	0
Pink	0	0	0	0
Chum	0	0	0	1
Coho	0	0	0	1
Starry Flounder	1	0	0	0
Irish Lords	0	0	0	0
Other Species:				
Other Species:				

Comments: Seals, no fish

-continued-

Appendix B10.-Page 2 of 2.

Date	8/10/2004
Port Moller High Tide	4:47 AM (10.4') / 5:50 PM (10.1')
Port Moller Low Tide	10:51 AM (0.0') / 11:17 PM (4.8')
Fishing Vessel & Skipper	Steppin Stone/ Mark Andrich
Mesh Size	4 1/2"
ADFG Observer	Bob Murphy

SETS				
	5th	6th	7th	8th
Location Description	At the northern Bear River 1000 yd regulatory marker on the beach, 200 yds offshore	At the northern Bear River 1000 yd marler, close to beach		
GPS Latitude	56° 08.900'	56° 08.900'		
GPS Longitude	160° 27.230'	160° 27.230'		
Amount Net Used	100 fathoms	100 fathoms		
water)	14:28	15:19		
Time Started Picking	14:49	16:13		
Time Net Out of Water	15:14	16:16		
Total Soak Time (Time Set through Time Net out	0:46	0:57		
<b>CATCH AMOUNTS</b>				<b>Total Soak</b>
				<b>6:27</b>
				<b>Totals</b>
Sockeye	69	3		<b>123</b>
Chinook	0	0		<b>0</b>
Pink	0	0		<b>0</b>
Chum	0	0		<b>1</b>
Coho	0	0		<b>1</b>
Starry Flounder	0	0		<b>1</b>
Irish Lords	1	0		<b>1</b>
Other Species:				
Other Species:				

Comments: A few jumpers close to mouth, large fish, lots of seals

Appendix B11.-North Bear River test fishery results for August 15, 2004.

Date	8/15/2004
Port Moller High Tide	10:41 AM (7.5')
Port Moller Low Tide	5:17 AM (7.4') / 4:52 PM (1.1')
Fishing Vessel & Skipper	Lutke Lady / Mike Wooding
Mesh Size	4 5/8" & 4 1/2 "
ADFG Observer	Tracy Murtha

SETS				
	1st	2nd	3rd	4th
Location Description	1/2 mile North of the Bear River Church and 1/2 mile out	At the Bear River Church on the beach	North of the Bear River Church on the beach	At the Bear River North marker, close to the beach
GPS Latitude	56° 10.61'	56° 10.14'	56° 09.48'	56° 09.00'
GPS Longitude	160° 26.47'	160° 25.99'	160° 26.58'	160° 27.05'
Amount Net Used	200 fathoms	200 fathoms	200 fathoms	200 fathoms
Time Set (last buoy in water)	11:29	12:04	12:56	14:02
Time Started Picking	11:45	12:24	13:29	14:32
Time Net Out of Water	11:54	12:45	13:56	14:43
Total Soak Time (Time Set through Time Net out of Water)	0:25	0:41	1:00	0:41
CATCH AMOUNTS				
Sockeye	0	79	100	3
Chinook	0	0	0	0
Pink	0	0	0	0
Chum	0	1	4	0
Coho	0	2	3	0
Starry Flounder	0	0	0	4
Irish Lords	0	0	0	0
Other Species:				
Other Species:				

Comments: Seals, no fish

-continued-

Date	8/15/2004
Port Moller High Tide	10:41 AM (7.5')
Port Moller Low Tide	5:17 AM (7.4') / 4:52 PM (1.1')
Fishing Vessel & Skipper	Lutke Lady / Mike Wooding
Mesh Size	4 5/8" & 4 1/2 "
ADFG Observer	Tracy Murtha

SETS				
	5th	6th	7th	8th

Location Description	5th	6th	7th	8th
Location Description	At the Bear River Church, close to the beach	South of the Bear River church near the beach	1/4 mile north of northern Bear River marker	Inside the mouth of Bear River, 1/2 set off the north bank
GPS Latitude	56° 10.05'	56° 09.87'	56° 09.21'	56° 08.79'
GPS Longitude	160° 26.15'	160° 26.29'	160° 26.27'	160° 27.30'
Amount Net Used	200 fathoms	200 fathoms	200 fathoms	50 fathoms
Time Set (last buoy in water)	15:00	15:50	16:51	17:20
Time Started Picking	15:29	16:25	17:05	17:30
Time Net Out of Water	15:43	16:42	17:18	17:32
Total Soak Time (Time Set through Time Net out of Water)	0:43	0:52	0:27	0:12
CATCH AMOUNTS				
Sockeye	17	28	9	0
Chinook	0	0	0	0
Pink	0	0	0	0
Chum	0	0	0	0
Coho	0	1	0	0
Starry Flounder	3	0	0	0
Irish Lords	1	0	0	0
Other Species:				
Other Species:				

Comments: Lots of seals and no fish

-continued-

Date	8/15/2004
Port Moller High Tide	10:41 AM (7.5')
Port Moller Low Tide	5:17 AM (7.4') / 4:52 PM (1.1')
Fishing Vessel & Skipper	Lutke Lady / Mike Wooding
Mesh Size	4 5/8" & 4 1/2 "
ADFG Observer	Tracy Murtha

SETS				
	9th	10th	11th	12th
Location Description	1/2 Mile outside of center of river mouth			
GPS Latitude	56° 08.37'			
GPS Longitude	160° 28.49'			
Amount Net Used	200 fathoms			
Time Set (last buoy in water)	17:40			
Time Started Picking	17:50			
Time Net Out of Water	18:02			
Total Soak Time (Time Set through Time Net out of Water)	0:22			
				<b>Total Soak</b>
				<b>5:23</b>
CATCH AMOUNTS				
				<b>Totals</b>
Sockeye	19			<b>255</b>
Chinook	0			<b>0</b>
Pink	0			<b>0</b>
Chum	0			<b>5</b>
Coho	0			<b>6</b>
Starry Flounder	0			<b>7</b>
Irish Lords	0			<b>1</b>
Other Species:				
Other Species:				

Comments: Lots of seals, no fish

Appendix B12.-South Bear River test fishery results for August 15, 2004.

Date	8/15/2004
Port Moller High Tide	10:41 AM (7.5')
Port Moller Low Tide	5:17 AM (7.4') / 4:52 PM (1.1')
Fishing Vessel & Skipper	Lil Annie / Chris Wenzel
Mesh Size	4 1/2"
ADFG Observer	Phillip Tschersich

SETS				
	1st	2nd	3rd	4th

	1st	2nd	3rd	4th
Location Description	South of the Whalehole, 1/2 mile off the beach	South of the Whalehole, 50 meters off the beach	100 yds south of the southern Bear River marker, 50 yds off beach	At the South Bear River marker, 150 yds off the beach
GPS Latitude	56°06.844'	56° 06.873'	56° 07.402'	56° 07.600'
GPS Longitude	160° 28.580'	160° 27.808'	160° 27.520'	160° 27.810'
Amount Net Used	200 fathoms	200 fathoms	200 fathoms	200 fathoms
Time Set (last buoy in water)	10:53	11:30	12:10	12:47
Time Started Picking	11:08	11:46	12:25	13:03
Time Net Out of Water	11:17	11:56	12:35	13:11
Total Soak Time (Time Set through Time Net out of Water)	0:24	0:26	0:25	0:24
CATCH AMOUNTS				
Sockeye	0	12	10	0
Chinook	0	0	0	0
Pink	0	1	0	0
Chum	0	0	0	0
Coho	0	0	0	0
Starry Flounder	0	0	1	0
Irish Lords	1	0	0	0
Other Species:				
Other Species:				

Comments: Seals, no fish

-continued-

Date	8/15/2004
Port Moller High Tide	10:41 AM (7.5')
Port Moller Low Tide	5:17 AM (7.4') / 4:52 PM (1.1')
Fishing Vessel & Skipper	Lil Annie / Chris Wenzel
Mesh Size	4 1/2"
ADFG Observer	Phillip Tschersich

SETS				
	5th	6th	7th	8th

Location Description	5th	6th	7th	8th	
	Ath the Bear River Church, 50 yds off beach	1/4 mile north of the Bear River Church, 20 yds off the beach	Halfway between the mouths of Bear River and King Salmon River, 50 yds off the beach	At the mouth of Frank's Lagoon, 1/2 mile off the beach	
GPS Latitude	56°10.100'	56° 10.585'	56° 06.896'	56° .02.935'	
GPS Longitude	160° 26.435'	160° 26.143'	160° 28.120'	160° 32.570'	
Amount Net Used	200 fathoms	200 fathoms	200 fathoms	200 fathoms	
Time Set (last buoy in water)	13:43	15:17	16:27	17:32	
Time Started Picking	14:49	15:42	16:44	17:49	
Time Net Out of Water	15:00	15:51	16:53	17:56	
Total Soak Time (Time Set through Time Net out of Water)	1:17	0:34	0:26	0:24	<b>Total Soak</b> <b>4:20</b>
CATCH AMOUNTS					Totals
Sockeye	16	1	3	4	<b>46</b>
Chinook	0	0	0	0	<b>0</b>
Pink	1	0	0	1	<b>3</b>
Chum	0	0	0	2	<b>2</b>
Coho	5	0	1	0	<b>6</b>
Starry Flounder	4	5	2	0	<b>12</b>
Irish Lords	0	2	1	0	<b>4</b>
Other Species:					
Other Species:					

Comments: A few jumpers close to mouth, large fish, lots of seals

**Appendix B13.**-Summary of 2004 Bear River test fishery results.

	3-Aug		4-Aug		5-Aug		7-Aug		10-Aug		15-Aug		Total
	North <sup>a</sup> Boat	South <sup>b</sup> Boat											
Soak Time <sup>c</sup>	6:04	5:59	5:17	6:19	6:04	6:19	5:18	5:18	6:43	6:27	5:23	4:20	69:31
Number of Sets <sup>d</sup>	6	6	5	6	7	7	8	10	5	6	9	8	83
Sockeye	551	260	561	570	587	345	112	221	243	123	255	46	3,874
Chinook	0	0	0	0	0	0	0	0	0	0	0	0	0
Pink	0	3	1	1	0	12	9	25	54	0	0	3	108
Chum	15	5	3	6	1	17	0	9	23	1	5	2	87
Coho	1	4	2	0	0	1	2	9	3	1	6	6	35
Starry Flounder	7	6	23	0	0	18	43	53	4	1	7	12	174
Irish Lords	1	0	10	0	0	6	8	6	8	1	1	4	45
Yellowfin Sole	0	0	38	0	0	0	3	0	0	0	0	0	41
Hooligan	0	0	0	0	0	5	0	0	0	0	0	0	5

<sup>a</sup> Fished from the mouth of Bear River north.

<sup>b</sup> Fished from the mouth of Bear River south.

<sup>c</sup> Defined as the interval between when the entire net was in the water to when the entire net was out of the water.

<sup>d</sup> At the start of each day of fishing, each boat performed 4 sets of standardized duration in standardized locations. Subsequent sets were made at the discretion of the ADF&G personnel on board the test boat.