

NORTH ALASKA PENINSULA COMMERCIAL SALMON
ANNUAL MANAGEMENT REPORT, 1998

By

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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 describes those fisheries that are located on the North Peninsula, which consists of two districts; the Northwestern District consists of waters between Cape Sarichef and Moffet Point, and the Northern District consists of waters between Moffet Point and Cape Menshikof. The Nelson Lagoon to Strogonof Point reach is the primary salmon harvest area on the North Peninsula, and includes most of the Northern District. 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 fisheries occur throughout the North Peninsula but are not located within this reach.

Legal gear types in the Northwestern District are purse seine, hand purse seine, drift and set gillnet (ADF&G 1998). By regulation, Northern District commercial salmon fishing is permitted with purse seine, drift and set gillnet gear, however, within area 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, drift and set gillnet gear; and the Bear River Section to seine and drift gillnet gear. The Three Hills Section is open to drift gillnet gear only; and the Ilnik Section to drift and set gillnet gear.

The commercial salmon season opens by regulation, if desired escapements are achieved, in most of the Northwestern District on June 1 and in most of the Northern District on May 1. The Nelson Lagoon and Bear River Sections open to commercial salmon fishing on May 1, the Three Hills Section opens on June 25, the Ilnik Section from Three Hills east to Unangashak Bluffs may open (if certain escapement levels warrant as adopted by the Alaska Board of Fisheries in February 1998) as early as June 25, and east of Unangashak Bluffs to Strogonof Point on July 15 (Figure 2). If early fishing time (from June 25 to July 4) occurs in the Ilnik Section southwest of Unangashak Bluffs (except Ilnik Lagoon), then that portion of the Ilnik Section northeast of Unangashak Bluffs to Strogonof Point will not open to commercial salmon fishing until July 25. As stated in regulation (adopted by the Alaska Board of Fisheries in February 1998), in that portion of the Ilnik Section southwest of Unangashak Bluffs, from June 25 to July 4, there is a maximum allowable harvest of 100,000 sockeye salmon.

While the earliest opening dates are established by regulation, actual fishing time on North Peninsula stocks is based on inseason evaluation of local stock abundance and defined escapement objectives. Sockeye salmon are the primary targeted species for harvest in these waters. 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 (Figure 2). Nelson and Bear Rivers are the dominant systems. The Alaska Department of Fish and Game (ADF&G) operates weir camps located at Nelson, Bear, Sandy, and Ilnik Rivers which provide management staff with daily escapement enumeration used to manage the commercial fisheries.

Local origin sockeye salmon stocks are abundant from Nelson Lagoon to Strogonof Point during June through September (Figure 2). The Nelson River sockeye salmon run begins in mid June, peaks in early July, and is over by mid August. Bear River supports two distinct but overlapping runs; an early run that begins in mid June, peaks in early July and ends in late July; and a late run

which starts in the late July, peaks in mid August, and ends in September. 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 is earlier and closely parallels the Bear River early run timing.

HARVEST BY SPECIES

Chinook Salmon

The 1998 commercial chinook salmon harvest of 5,900 fish was less than half the recent 1988-97 average of 12,800 (Table 1). The highest weekly harvest on the North Peninsula occurred June 14-20 when 2,200 chinook salmon were harvested (Table 2). Overall, catches were below the 1988-97 average in all areas (Table 3). The Nelson Lagoon Section chinook catch of 2,700 was the largest catch on the North Peninsula during 1998 (Table 3).

Sockeye Salmon

The 1998 North Peninsula sockeye salmon harvest of 1,087,600 was well below the 1988-97 average harvest of 2,558,400 (Table 1; Figure 3). Most of the 1998 North Peninsula sockeye harvest occurred in the Nelson Lagoon to Strogonof Point reach, which includes the Nelson Lagoon, Bear River, Three Hills, and Ilnik Sections (Table 4).

The first commercial salmon fishing occurred in the Uralia Bay Section on June 22. In 1998, the sockeye salmon catch in Uralia Bay was 34,000 fish (Table 5).

The 1998 sockeye harvest in the Izembek-Moffet Bay Section was 8,200 fish, which was less than half of the 1988-97 average of 16,900 sockeye. The total Northwestern District sockeye catch of 51,300 fish, was well below the 1988-97 average of 79,500 fish (Table 6).

The 1998 Nelson Lagoon sockeye harvest was 161,400 fish (Table 4), which is less than half of the 1988-97 average harvest of 363,500 fish (Figure 4). The highest weekly harvest in Nelson Lagoon occurred during June 21-June 27 with a catch of about 41,300 fish (Table 2; Figure 5). In 1998, 41 permit holders participated in the fishery with the highest daily harvest of 13,100 sockeye occurred on June 24 (Table 7).

The sockeye harvest in the Port Moller to Cape Seniavin reach, which includes the Port Moller Bight and the Bear River Sections, was 252,100 fish (Table 2; Figure 6). The highest weekly harvest (48,100) occurred during July 5-11 (Table 2). Weekly catches ranged from 1,700 sockeye salmon to 48,100 sockeye salmon from the week of June 14 to late September (Figure 7). The highest daily harvest in the Bear River Section was on August 27 with a catch of 18,800 fish (Table 8).

In the Cape Seniavin to Strogonof Point reach, which includes the Three Hills and Ilnik Sections, 577,400 sockeye salmon were harvested during 1998, which was about half of the 1988-97 average harvest of 1,068,900 (Figure 6; Table 9). The largest weekly harvest was during July 12-18 with 167,800 fish (Table 2; Figure 7). Daily peak catches in the Three Hills Section occurred on July 1

(15,600 sockeye salmon; Table 10) and in the Ilnik Section on July 9 (50,500 sockeye salmon; Table 11). The Port Moller to Strogonof Point reach, which includes the Port Moller Bight, Bear River, Three Hills, and Ilnik Sections, combined catch was 829,500 sockeye salmon (Table 2). The largest daily harvest of 62,500 sockeye occurred on July 9 (Table 12). In this reach, the highest weekly harvest of 202,700 sockeye salmon occurred during the period July 12-18, with the majority of the harvest taken in the Cape Seniavin to Strogonof Point reach (167,800; Figure 7). During 1988-97, the sockeye harvest has been about evenly split between the areas of Port Moller to Cape Seniavin and Cape Seniavin to Strogonof Point. However, in 1998 a large portion of the Bear River Section and the entire Three Hills Section were closed to commercial salmon fishing for considerable time. Due to the extensive fishery closures, 70% of the 1998 sockeye harvest was taken in the Cape Seniavin to Strogonof Point reach, and only 30% from the Port Moller to Cape Seniavin reach (Figure 6). The entire North Peninsula sockeye salmon peak daily harvest occurred on July 9 (72,100; Table 13).

Pink Salmon

The 1998 North Peninsula pink salmon harvest was 34,800 fish, which is well below even year averages (Table 1). The pink salmon harvest in the Northwestern District in 1998 was 16,100 salmon (Table 14).

Chum Salmon

The 1998 chum salmon harvest was 69,500 fish, well below the 1988-97 harvest average of 169,300 (Table 1). Chum salmon harvests were below the 1988-97 average in all major harvest areas (Tables 15 and 16). The Herendeen-Moller Bay Section reported the most drastic harvest reduction with a harvest of only 300 fish compared to the 10 year average of over 41,000 chum salmon. Lack of markets and therefore effort was the reason for the low harvest on the North Peninsula in 1998. The bulk of the chum salmon harvest in 1998 was taken incidental to sockeye salmon fisheries.

Coho Salmon

The 1998 North Peninsula coho salmon harvest was 134,700 fish, below the 1988-97 average harvest of 177,300 (Tables 1 and 17). The largest directed coho fisheries usually occur in Nelson Lagoon, Ilnik Lagoon, Inner Port Heiden, and Cinder River (Table 2). Coho salmon first appeared (> 1,000 fish per day) in the North Peninsula fishery on August 10 (Table 13), and the largest daily harvest occurred on August 28 (18,000 fish).

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 8). The overlap area was created shortly after statehood to allow Area T permit holders the opportunity to fish within traditional harvest locations of Area M. Port Heiden Area T permit holders fished for chinook and coho salmon in the Inner Port Heiden Section. Pilot Point Area T permit holders fished inside the Cinder River Section for chinook and coho salmon (and occasionally small numbers of sockeye salmon) and still participated in the Bristol Bay salmon fisheries.

All effort since 1985 (except the occasional Area M permit holder in 1997 and 1998) in the Cinder River Section is from Area T permit holders. During every month except July, Area T permit holders are allowed to fish during the open season in the Inner Port Heiden and Cinder River Sections. Area T permit holders are also allowed to fish in Ilnik Lagoon during August and September. Prior to 1990, Area T permit holders were allowed to fish in the Ilnik Section outside of Ilnik Lagoon during August and September.

In 1986, Area T fishers started fishing in the Ilnik and Outer Port Heiden Sections. In 1990, the Alaska Board of Fisheries eliminated Area T fishers from the Ilnik Section (except inside Ilnik Lagoon during August and September) and closed the Outer Port Heiden Section to all commercial salmon fishing operations by both Area M and Area T fishers due to concern over potential interception of coho salmon bound for Inner Port Heiden (Meshik River).

ESCAPEMENT BY SPECIES

Chinook Salmon

The 1998 indexed total chinook salmon escapement was 15,000 fish, which is just below the 1988-97 average of 16,200 fish. The indexed total escapement into Nelson River was 4,500 fish (Table 18). Chinook salmon are estimated at Nelson River with both weir and aerial survey counts. The 1998 Nelson River chinook salmon escapement of 4,450 was strong (Table 19). The combined King Salmon, Bear River, and Sandy River indexed chinook escapement was 2,400, and the Cinder River escapement was estimated to be 2,100 fish (Table 3). Bear and Sandy River weir counts do not accurately estimate the number of chinook salmon since most of the fish spawn below the weir sites or in other tributaries (Tables 20 and 21). Only a few chinook salmon enter the Ilnik River systems (Table 22).

Sockeye Salmon

The 1998 indexed total sockeye salmon escapement, which included weir counts, was 894,000 (Figure 9), well below the 1988-97 average indexed escapement of 972,000 fish (Table 1). The escapement through the weirs at Nelson River (159,800 fish), Bear River (415,000 fish), Sandy River (52,000 fish), and Ilnik River (50,000 fish) met or exceeded all goals (Tables 23-26). The Nelson River sockeye escapement goal is 100,000-150,000, Bear River 200,000-250,000

(combined both early and late run), Sandy River 40,000-60,000, and Ilnik River 40,000-60,000 sockeye salmon. The peak daily escapements at the Nelson River weir was on June 29 (12,672; Table 23), Bear River on June 30 (28,876; Table 24). Sandy River peak daily escapement occurred on July 1 (6,583; Table 25). The peak Ilnik River daily escapement was on July 7 (4,283; Table 26). An aerial survey conducted at Bear River on August 18 revealed 64,000 sockeye salmon, which is believed to be the largest aerial survey count ever at Bear River.

Pink Salmon

The 1998 North Peninsula indexed total pink salmon escapement was 300,000 fish (Table 1). Even year pink salmon escapement is typically considerably larger than odd year escapement. Since 1988, the even-year escapement has averaged 200,000 pink salmon, and ranged from 43,500 in 1988 to 382,600 in 1996 (Table 1).

Chum Salmon

The 1998 indexed total chum salmon escapement was 729,400 (Table 1), which exceeded the escapement goal of 350,000 to 700,000 fish. Northwestern District system chum salmon escapement objectives were met with the majority of the escapement occurring in the Izembek-Moffet Bay streams (281,800; Table 16). In the Northern District, most of the escapement occurred in the Cinder River (55,000) and Herendeen-Moller Bay Section (250,800; Table 15).

Coho Salmon

Due to inadequate funding and typical poor fall weather conditions, few coho salmon escapement surveys were flown in 1998. However, limited surveys indicated that Nelson River coho salmon escapement was 20,000 fish, meeting the escapement goal. The Meshik River escapement of 40,000 fish was above the 17,000-35,000 goal. (Table 18). Coho salmon escapement estimates are minimum estimates at best.

COMMERCIAL SALMON FISHERY SUMMARY, 1998

This summary only includes the Nelson Lagoon, Bear River, Three Hills, and Ilnik Sections since the majority of the North Peninsula sockeye harvest occurred in these areas. The season in the Port Moller to Strogonof Point reach was characterized by lengthy closures followed by a pulse of fish with little run strength following. Fortunately, all escapement goals were met but the available harvest was lower than expected. Daily catch rates were low and the projected North Peninsula harvest of 2.1 million sockeye salmon did not materialize.

Nelson Lagoon Section

The first sockeye harvest in the Nelson Lagoon Section occurred on June 1. Prior to mid June, the Nelson Lagoon Section is managed on the basis of chinook salmon run strength. The weekly fishing period by regulation is three days/week through June 15 and four days/week after June 15 to August 15 and three days/week after August 15. In 1998, Nelson Lagoon was open four days except during the week of July 20-24 when the fishery remained open for 5 days since the total sockeye salmon escapement into Nelson (Sapsuk) River was 165,300, which exceeded the 100,000-150,000 goal. After August 15, the Nelson Lagoon Section was managed on the basis of coho salmon.

Bear River and Three Hills Sections

The first delivery occurred in the Bear River Section on June 1. Catches and effort from early to mid June were low since most of the drift-gillnet fleet was in the South Unimak area. Early escapement counts at Bear and Sandy River were weak and the Bear River and Port Moller Bight Sections were closed to commercial salmon fishing from June 17 to June 29. The Three Hills Section, which may open to commercial salmon fishing on June 25, was closed to commercial salmon fishing until June 29 to provide increased escapement at Bear and Sandy Rivers. The Bear River weir counts started to improve and by early morning on June 29, the cumulative escapement exceeded 60,000 sockeye salmon. ADF&G personnel conducted an aerial survey on June 29 that revealed 22,000 sockeye in the lower river below the weir. Based on aerial survey observations, the department believed the upper end of the June 30 interim escapement goal (40,000-80,000) would be exceeded. The June 30 cumulative escapement for Bear River was 100,118 fish. The Port Moller Bight, Bear River, and Three Hills Sections opened to commercial salmon fishing at 11:00 p.m. June 29. The harvest in the Port Moller Bight, Bear River, and Three Hills Sections during this 48 hour fishing period was only 55,000 sockeye salmon. The escapement into Sandy River was increasing, but still lagging behind escapement requirements. From July 1-16, the department closed the area to commercial salmon fishing from 3 nautical miles southwest of Sandy River to Cape Seniavin, and the Three Hills Section was closed to provide a large protected area for Sandy River stocks. On July 3, the southern portion of the Bear River Section closed to commercial salmon fishing. Bear River weir counts began to increase after the July 3 closure, and on July 7, 13,514 sockeye salmon passed the weir bringing the cumulative Bear River escapement to 136,742, exceeding the July 10 interim goal of 100,000-110,000 fish.

Escapement at Sandy River was still lagging behind escapement requirements, and the closed water area around Sandy River was expanded beginning on July 7. Only those waters southwest of the 1,000 yard northern marker at Bear River were open from July 7 to July 16. Because both the Bear and Sandy River runs were weak, there was minimal harvestable surplus of Bear River sockeye available. Therefore, while minimal area around Bear River was open to commercial salmon fishing, the largest possible area around Sandy River was closed to provide a buffer for Sandy River stocks. Since the Sandy River run was extremely weak drastic conservation methods were needed to ensure escapement requirements. With the interim escapement goals at Bear River met (mainly due to extended closures in June and early July), the commercial salmon fishing period provided opportunity to harvest fish surplus to the escapement needs at Bear River, which amounted to only about 10,000 sockeye salmon per day. The Three Hills Section remained closed from July 1 to July 16. Meanwhile, Sandy River daily weir escapement counts began to increase,

and finally on July 16, the large closed water area restriction was slightly reduced. From July 16 to July 22, fishing was permitted in the Bear River Section southwest of a point 3 nautical miles southwest of Sandy River, and the Three Hills Section was reopened to commercial salmon fishing. The large buffer around Sandy River protected the latter portion of the Sandy River run, while providing area to harvest the still weak Bear River run. On July 15, the Bear River escapement was 177,880 sockeye salmon, exceeding the July 15 interim goal of 110,000-125,000 fish. From July 16-August 5, a new interim escapement goal of 40,000-50,000 fish begins at Bear River. On July 22, the Port Moller Bight, the entire Bear River, and Three Hills Sections were closed to commercial salmon fishing to allow additional escapement of Bear River sockeye salmon. Only about 7,000 sockeye were counted through the Bear River weir between since July 16, well short of the July 16-August 5 interim goal of 40,000-50,000 fish. The area was closed from 6:00 p.m. July 22 until August 2. An aerial survey conducted on August 1 revealed 11,000 sockeye in river, which would bring the total escapement since July 16 to about 45,000 fish. A fishing period was announced for August 2 to include the Port Moller Bight, entire Bear River, and Three Hills Sections and fishing was continuous until August 5, the end of interim period. The final escapement from July 16 to August 5 was 49,959 sockeye salmon, meeting the 40,000-50,000 fish goal. The Sandy River season ending escapement was 52,000 sockeye salmon, meeting the 40,000-60,000 goal.

On August 6, the final interim escapement goal began at Bear River of 50,000-75,000 sockeye salmon. The Port Moller Bight, Bear River, and Three Hills Sections were closed to commercial salmon fishing from 6:00 p.m. August 5 until further notice to ensure the late run goal would be assured. Daily escapement counts at Bear River were declining, and a strong push of fish was needed to reach the final escapement requirement at Bear River. Eight aerial surveys conducted from August 6 through August 18 showed fish entering the river, but many fish were holding and not moving upriver toward the weir. In the Bear River, sockeye salmon typically take 1-2 days to reach the weir after entering freshwater. However, during this time fish were holding for unknown reasons considerably longer than normal and fish were often observed moving downriver, which is atypical at Bear River. On the evening of August 18, an aerial survey revealed 64,000 sockeye salmon in Bear River below the weir. This is the largest number of fish ever observed below the Bear River weir. Immediately after the survey, a fishing period was announced for August 19 that provided a buffer area around Bear River, from 500 yards south of King Salmon River to 500 yards north of Sandy River. Since many fish were observed moving downriver and upstream migration was abnormally slow since August 6, the large buffer area would protect any salmon that were to back-out into the fishery. When the fishery was announced on August 18, the escapement into Bear River post August 5 was about 33,000 fish. As anticipated, the 64,000 fish observed in the river took longer than normal (about 7 days) to reach the weir site. On August 24, after the upper escapement goal was reached, the 1,000 yard regulatory markers were implemented at Bear River and continuous fishing was permitted for the remainder of the fishing season. Typical late season weather, limited fishing on several days because of high winds and seas conditions. The last processor on the North Peninsula stopped purchasing fish for the season during the second week of September. However, the last landing in the Bear River Section occurred on September 27 and the fish were delivered to a South Peninsula processor.

The Bear River weir was removed on August 28 and the total sockeye salmon escapement for the season was 415,000 (including the post weir estimate and jack salmon), exceeding the season ending goal of 200,000-250,000.

Ilnik Section

By regulation approved by the Alaska Board of Fisheries in February, 1998, the Ilnik Section southwest of Unangashak Bluffs may open to commercial salmon fishing from June 25 to July 4 if certain escapement levels are met at the Ilnik River. However, these levels adopted by the Alaska Board of Fisheries are typical of strong runs, and the 1998 run at Ilnik River was not strong. Therefore, the escapement criteria were not met and no early fishing occurred between June 25 and July 4. Ilnik Lagoon was opened to commercial salmon fishing from June 22-24, and only one set gillnet operator participated. No further commercial fishery was allowed in any portion of the Ilnik Section until July 8, when the area southwest of Unangashak Bluffs opened to commercial salmon fishing. Prior to July 8, the escapement at Ilnik River was tracking interim goals with no harvestable surplus. On June 25, the interim goal of 8,000-12,000 sockeye salmon was met with 11,130 fish counted through the weir. On July 1, the escapement was 21,053 fish with an interim goal of 16,000-24,000 fish. Interim goals were met prior to July 7, with no commercial fishery, except the Lagoon fishery on June 22-24. Escapement counts began to improve from July 5-8, and the season ending escapement goal of 40,000-60,000 fish was assured. On July 8, the outer portion of the Ilnik Section, southwest of Unangashak Bluffs, was opened to commercial salmon fishing Section until 6:00 p.m. July 11. The fishery was then closed on July 11 and reopened on July 13. The escapement on July 13 was 44,397 sockeye salmon, meeting the season ending escapement goal. The fishery was extended until July 18. The weir was removed on July 19, and the Ilnik River total season escapement (including the post weir estimate) was 50,000 sockeye salmon, meeting the 40,000-60,000 goal. After July 18, further management actions in the Ilnik Section were based on Bear River escapement levels, and are similar to the actions taken in the Bear River and Three Hills Section until August 15, when the Ilnik Section is managed on the basis of Ilnik Lagoon coho salmon stocks.

In 1998, there was no directed fishery on Ilnik Lagoon coho salmon. Post August 14, effort outside of Ilnik Lagoon peaked on August 22, when 49 vessels fished in the section. The harvest is typically dominated by sockeye salmon and most coho salmon are caught incidental to the sockeye salmon harvest. The last vessels fished the Ilnik Section on September 9.

EMERGENCY ORDERS

In 1998, the first emergency order for the North Peninsula was effective on June 1 and the last on September 27. In 1998, there were a total of 48 emergency orders concerning North Peninsula fisheries (Table 27). The final emergency order for the North Peninsula was issued on September 27, and extended the commercial salmon fishing season in the Northern District from October 1 through October 31. There was still one permit holder fishing in the Bear River Section and potentially others from Nelson Lagoon interested in targeting Bear River sockeye salmon. However, the permit holder stopped fishing in late September and did not fish as originally planned in October.

LITERATURE CITED

ADF&G (Alaska Department of Fish and Game). 1998. 1998-2000 Bristol Bay, Alaska Peninsula, Atka-Amlia, and Aleutian Islands Areas Commercial Fishing Regulations. Alaska Department of Fish and Game, Division of Commercial Fisheries Management and Development, Juneau.

Table 1. North Peninsula salmon runs^a by species, 1962-1998.

| Year | | Number of Fish | | | | | Total |
|------|------------|----------------|---------|--------|---------------------|---------|---------|
| | | Chinook | Sockeye | Coho | Pink | Chum | |
| 1962 | Catch | 5,400 | 249,700 | 35,200 | 31,200 | 34,900 | 356,400 |
| | Escapement | 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 | 6,200 | 351,000 | | 4,400 ^b | 203,200 | |
| | Total | 9,800 | 576,200 | | 11,300 ^b | 253,100 | |
| 1964 | Catch | 3,600 | 250,800 | 36,600 | 6,800 | 139,000 | 436,800 |
| | Escapement | 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 | 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 | 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 | 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 | 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 | 19,500 | 575,000 | | 4,400 | 146,800 | |
| | Total | 24,300 | 896,300 | | 4,500 | 174,900 | |
| 1970 | Catch | 3,800 | 187,800 | 26,300 | 7,900 | 48,000 | 273,800 |
| | Escapement | 8,300 | 451,500 | | 11,100 | 169,800 | |
| | Total | 12,100 | 639,300 | | 19,000 | 217,800 | |
| 1971 | Catch | 2,200 | 353,800 | 8,200 | 300 | 64,200 | 428,700 |
| | Escapement | 5,200 | 435,100 | | 8,600 | 109,400 | |
| | Total | 7,400 | 788,900 | | 8,900 | 173,600 | |
| 1972 | Catch | 1,800 | 179,300 | 9,700 | 100 | 84,700 | 275,600 |
| | Escapement | 5,000 | 190,200 | | 1,300 | 124,000 | |
| | Total | 6,800 | 369,500 | | 1,400 | 208,700 | |

-Continued-

Table 1. (page 2 of 4)

| Year | | Number of Fish | | | | | Total |
|------|------------|----------------|-----------|---------|---------|-----------|-----------|
| | | Chinook | Sockeye | Coho | Pink | Chum | |
| 1973 | Catch | 2,600 | 165,400 | 19,800 | 100 | 152,800 | 340,700 |
| | Escapement | 4,300 | 180,200 | | 200 | 122,400 | |
| | Total | 6,900 | 345,600 | | 300 | 278,100 | |
| 1974 | Catch | 2,700 | 246,200 | 16,800 | 10,600 | 34,400 | 310,700 |
| | Escapement | 3,000 | 332,800 | | 23,000 | 105,100 | |
| | Total | 5,700 | 579,000 | | 33,600 | 139,500 | |
| 1975 | Catch | 2,100 | 233,300 | 28,400 | 300 | 8,800 | 272,900 |
| | Escapement | 4,600 | 516,800 | | 600 | 109,200 | |
| | Total | 6,700 | 750,100 | | 900 | 118,000 | |
| 1976 | Catch | 5,000 | 641,100 | 26,100 | 700 | 73,600 | 746,500 |
| | Escapement | 6,000 | 532,600 | | 37,300 | 293,400 | |
| | Total | 11,000 | 1,173,700 | | 38,000 | 367,000 | |
| 1977 | Catch | 5,500 | 472,000 | 34,100 | 900 | 129,100 | 641,600 |
| | Escapement | 7,100 | 541,100 | | 8,500 | 681,200 | |
| | Total | 12,600 | 1,013,100 | | 9,400 | 810,300 | |
| 1978 | Catch | 14,300 | 896,600 | 63,300 | 485,200 | 163,800 | 1,623,200 |
| | Escapement | 13,700 | 1,213,500 | | 96,800 | 310,500 | |
| | Total | 28,000 | 2,110,100 | | 582,000 | 474,300 | |
| 1979 | Catch | 17,100 | 1,979,200 | 112,800 | 5,000 | 65,700 | 2,179,800 |
| | Escapement | 15,800 | 1,574,000 | | 9,300 | 305,300 | |
| | Total | 32,900 | 3,553,200 | | 14,300 | 371,000 | |
| 1980 | Catch | 16,800 | 1,397,100 | 127,900 | 301,700 | 700,200 | 2,543,700 |
| | Escapement | 11,000 | 1,387,600 | | 103,600 | 769,500 | |
| | Total | 27,800 | 2,784,700 | | 405,300 | 1,469,700 | |
| 1981 | Catch | 18,900 | 1,844,300 | 155,400 | 11,200 | 706,800 | 2,736,600 |
| | Escapement | 12,400 | 1,347,900 | | 6,100 | 535,200 | |
| | Total | 31,300 | 3,192,200 | | 17,300 | 1,242,000 | |
| 1982 | Catch | 30,100 | 1,435,300 | 238,000 | 12,300 | 331,100 | 2,046,800 |
| | Escapement | 20,000 | 718,400 | | 51,700 | 457,600 | |
| | Total | 50,100 | 2,153,700 | | 64,000 | 788,700 | |
| 1983 | Catch | 29,500 | 2,093,400 | 75,100 | 3,400 | 348,700 | 2,550,100 |
| | Escapement | 25,700 | 580,300 | | 4,000 | 392,600 | |
| | Total | 55,200 | 2,673,700 | | 7,400 | 741,300 | |

-Continued-

Table 1. (page 3 of 4)

| Year | | Number of Fish | | | | | Total |
|------|------------|----------------|-----------|----------------------------|---------|-----------|-----------|
| | | Chinook | Sockeye | Coho | Pink | Chum | |
| 1984 | Catch | 23,000 | 1,734,900 | 198,600 | 27,400 | 796,700 | 2,780,600 |
| | Escapement | 17,700 | 826,000 | | 56,600 | 870,200 | |
| | Total | 40,700 | 2,560,900 | | 84,000 | 1,666,900 | |
| 1985 | Catch | 23,500 | 2,596,100 | 176,100 | 3,100 | 666,600 | 3,465,400 |
| | Escapement | 12,900 | 898,100 | | 1,400 | 344,200 | |
| | Total | 36,400 | 3,494,200 | | 4,500 | 1,010,800 | |
| 1986 | Catch | 11,700 | 2,463,700 | 164,100 | 22,600 | 271,200 | 2,933,300 |
| | Escapement | 8,700 | 580,300 | | 13,300 | 243,600 | |
| | Total | 20,400 | 3,044,000 | | 35,900 | 514,800 | |
| 1987 | Catch | 14,200 | 1,209,400 | 171,800 | 3,500 | 368,700 | 1,767,600 |
| | Escapement | 10,700 | 556,000 | | 100 | 510,900 | |
| | Total | 24,900 | 1,765,400 | | 3,600 | 879,600 | |
| 1988 | Catch | 16,800 | 1,528,100 | 234,000 | 65,200 | 393,100 | 2,237,200 |
| | Escapement | 11,700 | 614,900 | 200-300 ^{b,c} | 43,500 | 500,300 | |
| | Total | 28,500 | 2,143,000 | 434-534 ^{b,c} | 108,700 | 893,400 | |
| 1989 | Catch | 10,900 | 1,718,700 | 227,600 | 4,100 | 157,200 | 2,118,500 |
| | Escapement | 5,600 | 814,400 | 150-250 ^{b,c} | 1,900 | 212,300 | |
| | Total | 16,500 | 2,533,100 | 377.6-477.6 ^{b,c} | 6,000 | 369,500 | |
| 1990 | Catch | 12,300 | 2,416,000 | 193,000 | 517,700 | 126,100 | 3,265,100 |
| | Escapement | 7,100 | 1,032,200 | 140-175 ^{b,c} | 132,200 | 226,400 | |
| | Total | 19,400 | 3,448,200 | 333.0-368.0 ^{b,c} | 649,900 | 352,500 | |
| 1991 | Catch | 9,400 | 2,391,400 | 218,300 | 4,200 | 191,300 | 2,814,600 |
| | Escapement | 9,600 | 1,317,300 | | 6,300 | 303,300 | |
| | Total | 19,000 | 3,708,700 | | 10,500 | 494,600 | |
| 1992 | Catch | 13,100 | 3,575,500 | 206,800 | 194,400 | 341,600 | 4,331,400 |
| | Escapement | 6,600 | 861,300 | | 207,600 | 351,700 | |
| | Total | 19,700 | 4,436,800 | | 402,000 | 693,300 | |
| 1993 | Catch | 23,600 | 3,866,600 | 64,400 | 5,300 | 135,000 | 4,094,900 |
| | Escapement | 13,700 | 1,003,800 | | 72,800 | 402,400 | |
| | Total | 37,300 | 4,870,400 | | 78,100 | 537,400 | |

-Continued-

Table 1. (page 4 of 4)

| Year | | Number of Fish | | | | | Total |
|-----------------|------------|----------------|-----------|---------|---------|---------|-----------|
| | | Chinook | Sockeye | Coho | Pink | Chum | |
| 1994 | Catch | 19,000 | 2,752,900 | 241,200 | 225,400 | 83,793 | 3,354,500 |
| | Escapement | 38,400 | 1,211,400 | | 133,200 | 480,200 | |
| | Total | 57,400 | 3,964,300 | | 358,600 | 563,993 | |
| 1995 | Catch | 7,600 | 3,272,800 | 135,700 | 12,200 | 99,300 | 3,527,600 |
| | Escapement | 24,400 | 1,077,000 | | 8,200 | 756,300 | |
| | Total | 32,000 | 4,349,800 | | 20,400 | 855,600 | |
| 1996 | Catch | 4,900 | 1,911,100 | 157,300 | 53,800 | 68,000 | 2,195,100 |
| | Escapement | 25,700 | 967,900 | | 382,600 | 823,100 | |
| | Total | 30,600 | 2,879,000 | | 436,400 | 891,100 | |
| 1997 | Catch | 10,400 | 2,151,000 | 94,800 | 50,700 | 97,400 | 2,404,300 |
| | Escapement | 19,500 | 820,000 | | 25,000 | 352,000 | |
| | Total | 29,900 | 2,971,000 | | 75,700 | 449,400 | |
| 1998 | Catch | 5,900 | 1,087,600 | 134,700 | 34,800 | 69,500 | |
| | Escapement | 15,000 | 894,000 | | 300,000 | 729,400 | |
| | Total | 20,900 | 1,981,600 | | 334,800 | 798,900 | |
| 1988-97 Average | | | | | | | |
| | Catch | 12,800 | 2,558,410 | 177,310 | 113,300 | 169,279 | 3,034,320 |
| | Escapement | 16,230 | 972,020 | | 101,330 | 440,800 | |
| | Total | 29,030 | 3,530,430 | | 214,630 | 610,079 | |

^a Escapements are indexed totals.

^b These figures are very rough extrapolated estimates.

^c Numbers of fish are in thousands.

Table 2. North Peninsula salmon harvest by species, week, and section, all gear combined, 1998.

| Catch Dates | Permits | Landings | Chinook | | Sockeye | | Coho | | Pink | | Chum | |
|-----------------------------------|-----------|------------|-----------|------------|---------------|----------------|--------------|---------------|--------------|---------------|---------------|----------------|
| | | | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| Urilla Bay Section | | | | | | | | | | | | |
| Jun 21-Jun 27 | 10 | 32 | 9 | 138 | 15,195 | 75,628 | 0 | 0 | 0 | 0 | 205 | 1,469 |
| Jul 05-Jul 11 | 8 | 26 | 12 | 206 | 9,824 | 56,183 | 0 | 0 | 640 | 2,119 | 1,599 | 10,636 |
| Jul 12-Jul 18 | 8 | 23 | 3 | 38 | 6,577 | 38,207 | 106 | 633 | 583 | 2,049 | 669 | 4,153 |
| Jul 26-Aug 01 | 5 | 11 | 0 | 0 | 2,352 | 12,979 | 106 | 642 | 2,615 | 9,982 | 366 | 2,583 |
| Aug 02-Aug 08 | 5 | 6 | 1 | 15 | 403 | 2,303 | 17 | 119 | 1,177 | 4,180 | 155 | 1,097 |
| Sep 06-Sep 12 | * | * | * | * | * | * | * | * | * | * | * | * |
| Sep 13-Sep 19 | * | * | * | * | * | * | * | * | * | * | * | * |
| Total | 17 | 100 | 25 | 397 | 34,351 | 185,300 | 3,561 | 26,892 | 5,015 | 18,330 | 2,994 | 19,938 |
| Swanson Lagoon Section | | | | | | | | | | | | |
| 28-Jun to 04-Jul | 6 | 13 | 3 | 35 | 1,545 | 8,675 | 0 | 0 | 1 | 3 | 5,370 | 37,607 |
| 05-Jul to 11-Jul | * | * | * | * | * | * | * | * | * | * | * | * |
| 12-Jul to 18-Jul | 8 | 13 | 6 | 66 | 1,584 | 9,752 | 7 | 49 | 167 | 635 | 636 | 4,779 |
| 19-Jul to 25-Jul | 9 | 24 | 9 | 120 | 2,971 | 16,512 | 10 | 60 | 1,016 | 3,347 | 1,229 | 8,705 |
| 26-Jul to 01-Aug | 8 | 8 | 1 | 10 | 1,033 | 6,526 | 43 | 332 | 2,532 | 10,128 | 186 | 1,365 |
| 30-Aug to 05-Sep | 10 | 11 | 0 | 0 | 797 | 4,493 | 66 | 469 | 2,061 | 7,936 | 398 | 2,803 |
| Total | 21 | 71 | 19 | 231 | 8,663 | 49,988 | 126 | 910 | 5,777 | 22,049 | 7,964 | 56,279 |
| Bechevin Bay Section | | | | | | | | | | | | |
| Jul 05-Jul 11 | * | * | * | * | * | * | * | * | * | * | * | * |
| Jul 19-Jul 25 | * | * | * | * | * | * | * | * | * | * | * | * |
| Aug 02-Aug 08 | * | * | * | * | * | * | * | * | * | * | * | * |
| Total | 4 | 7 | 0 | 0 | 60 | 302 | 0 | 0 | 5,118 | 17,801 | 7,829 | 55,586 |
| Izembek-Moffet Bay Section | | | | | | | | | | | | |
| Jun 28-Jul 04 | * | * | * | * | * | * | * | * | * | * | * | * |
| Jul 05-Jul 11 | * | * | * | * | * | * | * | * | * | * | * | * |
| Jul 12-Jul 18 | 4 | 9 | 1 | 15 | 2,627 | 14,897 | 0 | 0 | 18 | 62 | 9,251 | 72,128 |
| Jul 19-Jul 25 | * | * | * | * | * | * | * | * | * | * | * | * |
| Jul 26-Aug 01 | * | * | * | * | * | * | * | * | * | * | * | * |
| Total | 5 | 16 | 2 | 26 | 8,241 | 45,552 | 0 | 0 | 245 | 969 | 13,242 | 107,416 |

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Table 2. (page 2 of 6)

| Catch Dates | Permits | Landings | Chinook | | Sockeye | | Coho | | Pink | | Chum | |
|------------------------------|-----------|--------------|--------------|---------------|----------------|----------------|---------------|----------------|--------------|---------------|--------------|---------------|
| | | | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| Black Hills Section | | | | | | | | | | | | |
| Jun 21-Jun 27 | * | * | * | * | * | * | * | * | * | * | * | * |
| Jun 28-Jul 04 | 6 | 6 | 50 | 798 | 343 | 2,160 | 0 | 0 | 0 | 0 | 15 | 109 |
| Jul 12-Jul 18 | * | * | * | * | * | * | * | * | * | * | * | * |
| Jul 19-Jul 25 | 9 | 14 | 47 | 803 | 4,248 | 24,070 | 5 | 33 | 24 | 73 | 91 | 681 |
| Jul 26-Aug 01 | 33 | 76 | 21 | 290 | 16,625 | 94,538 | 185 | 1,241 | 2,189 | 8,410 | 5,444 | 37,704 |
| Aug 02-Aug 08 | 14 | 21 | 0 | 0 | 5,196 | 27,535 | 39 | 211 | 424 | 1,489 | 732 | 5,506 |
| Aug 09-Aug 15 | 51 | 75 | 1 | 16 | 9,082 | 50,238 | 304 | 1,962 | 3,044 | 11,494 | 3,278 | 22,338 |
| Total | 67 | 196 | 153 | 2,367 | 36,684 | 204,772 | 533 | 3,447 | 5,681 | 21,466 | 9,613 | 66,641 |
| Nelson Lagoon Section | | | | | | | | | | | | |
| May 31-Jun 06 | * | * | * | * | * | * | * | * | * | * | * | * |
| Jun 07-Jun 13 | 15 | 38 | 215 | 2,271 | 3,063 | 15,905 | 0 | 0 | 8 | 36 | 0 | 0 |
| Jun 14-Jun 20 | 23 | 78 | 846 | 11,545 | 11,977 | 64,439 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jun 21-Jun 27 | 31 | 126 | 840 | 11,537 | 41,347 | 225,166 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jun 28-Jul 04 | 31 | 116 | 583 | 7,835 | 27,512 | 155,115 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jul 05-Jul 11 | 32 | 121 | 146 | 2,797 | 32,800 | 182,770 | 0 | 0 | 2 | 5 | 11 | 77 |
| Jul 12-Jul 18 | 27 | 95 | 32 | 452 | 14,789 | 81,609 | 0 | 0 | 15 | 45 | 229 | 1,646 |
| Jul 19-Jul 25 | 26 | 102 | 8 | 111 | 9,405 | 50,331 | 1 | 4 | 65 | 292 | 722 | 4,971 |
| Jul 26-Aug 01 | 26 | 88 | 2 | 40 | 8,394 | 45,178 | 52 | 279 | 224 | 715 | 3,477 | 24,539 |
| Aug 02-Aug 08 | 25 | 80 | 0 | 0 | 5,920 | 32,098 | 395 | 2,242 | 302 | 1,061 | 3,423 | 24,475 |
| Aug 09-Aug 15 | 25 | 78 | 0 | 0 | 3,525 | 18,792 | 1,696 | 10,144 | 275 | 1,005 | 995 | 7,106 |
| Aug 16-Aug 22 | 24 | 51 | 0 | 0 | 1,546 | 8,322 | 5,126 | 35,006 | 66 | 238 | 136 | 914 |
| Aug 23-Aug 29 | 28 | 75 | 0 | 0 | 602 | 3,104 | 11,244 | 78,653 | 0 | 0 | 59 | 393 |
| Aug 30-Sep 05 | 27 | 61 | 0 | 0 | 169 | 832 | 9,918 | 74,316 | 0 | 0 | 13 | 81 |
| Sep 06-Sep 12 | 20 | 42 | 0 | 0 | 279 | 2,443 | 5,268 | 43,090 | 0 | 0 | 20 | 133 |
| Total | 41 | 1,153 | 2,715 | 37,375 | 161,441 | 887,101 | 33,700 | 243,734 | 957 | 3,397 | 9,085 | 64,335 |
| Herendeen Bay | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

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Table 2. (page 3 of 6)

| Catch Dates | Permits | Landings | Chinook | | Sockeye | | Coho | | Pink | | Chum | |
|---|------------|--------------|------------|---------------|----------------|------------------|--------------|---------------|--------------|---------------|---------------|---------------|
| | | | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| Port Moller to Cape Seniavin | | | | | | | | | | | | |
| (Includes Port Moller Bight and Bear River Sections) | | | | | | | | | | | | |
| May 31-Jun 06 | 7 | 11 | 114 | 1,968 | 74 | 470 | 0 | 0 | 0 | 0 | 39 | 279 |
| Jun 07-Jun 13 | * | * | * | * | * | * | * | * | * | * | * | * |
| Jun 14-Jun 20 | 10 | 19 | 374 | 6,495 | 2,807 | 15,844 | 0 | 0 | 0 | 0 | 150 | 912 |
| Jun 28-Jul 04 | 105 | 230 | 292 | 4,295 | 47,295 | 260,474 | 0 | 0 | 25 | 79 | 893 | 5,940 |
| Jul 05-Jul 11 | 90 | 188 | 36 | 582 | 48,072 | 264,197 | 1 | 6 | 146 | 497 | 3,061 | 19,868 |
| Jul 12-Jul 18 | 56 | 162 | 29 | 493 | 34,853 | 191,103 | 12 | 96 | 487 | 1,887 | 4,385 | 29,760 |
| Jul 19-Jul 25 | 39 | 81 | 6 | 80 | 13,276 | 73,358 | 2 | 13 | 233 | 912 | 1,323 | 9,225 |
| Jul 26-Aug 01 | 17 | 17 | 0 | 0 | 1,728 | 9,464 | 21 | 140 | 149 | 585 | 108 | 711 |
| Aug 02-Aug 08 | 62 | 133 | 4 | 90 | 15,430 | 85,665 | 356 | 2,395 | 4,206 | 14,939 | 1,480 | 10,330 |
| Aug 16-Aug 22 | 62 | 132 | 2 | 75 | 26,534 | 150,863 | 1,222 | 8,981 | 62 | 248 | 302 | 2,085 |
| Aug 23-Aug 29 | 50 | 130 | 1 | 10 | 35,913 | 201,781 | 1,836 | 14,736 | 0 | 0 | 118 | 779 |
| Aug 30-Sep 05 | 41 | 72 | 0 | 0 | 12,895 | 72,407 | 2,224 | 18,699 | 0 | 0 | 84 | 572 |
| Sep 06-Sep 12 | 14 | 26 | 0 | 0 | 8,848 | 48,065 | 345 | 3,023 | 0 | 0 | 23 | 161 |
| Sep 13-Sep 19 | * | * | * | * | * | * | * | * | * | * | * | * |
| Sep 20-Sep 26 | * | * | * | * | * | * | * | * | * | * | * | * |
| Sep 27-Oct 03 | * | * | * | * | * | * | * | * | * | * | * | * |
| Total | 145 | 1,208 | 874 | 14,322 | 252,126 | 1,396,300 | 6,089 | 48,793 | 5,808 | 19,147 | 11,991 | 80,789 |
| Cape Seniavin to Stroganof Point | | | | | | | | | | | | |
| (Three Hills & Ilnik Sections Combined) | | | | | | | | | | | | |
| Jun 21-Jun 27 | * | * | * | * | * | * | * | * | * | * | * | * |
| Jun 28-Jul 04 | 73 | 127 | 205 | 2,960 | 31,421 | 180,965 | 2 | 18 | 0 | 0 | 161 | 1,120 |
| Jul 05-Jul 11 | 119 | 454 | 82 | 1,148 | 143,587 | 808,220 | 24 | 145 | 145 | 461 | 1,679 | 11,243 |
| Jul 12-Jul 18 | 114 | 599 | 74 | 1,124 | 167,802 | 944,888 | 812 | 4,660 | 577 | 1,671 | 2,100 | 13,713 |
| Jul 19-Jul 25 | 89 | 252 | 15 | 261 | 42,414 | 242,908 | 332 | 2,059 | 571 | 1,634 | 836 | 5,392 |
| Aug 02-Aug 08 | 59 | 187 | 9 | 86 | 40,874 | 222,031 | 1,168 | 7,416 | 3,936 | 12,181 | 595 | 3,911 |
| Aug 16-Aug 22 | 55 | 135 | 2 | 44 | 41,082 | 235,329 | 6,238 | 47,398 | 0 | 0 | 166 | 1,158 |
| Aug 23-Aug 29 | 39 | 91 | 0 | 0 | 36,879 | 211,174 | 5,589 | 45,632 | 0 | 0 | 64 | 447 |

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Table 2. (page 4 of 6)

| Catch Dates | Permits | Landings | Chinook | | Sockeye | | Coho | | Pink | | Chum | |
|---------------|------------|--------------|------------|--------------|----------------|------------------|---------------|----------------|--------------|---------------|--------------|---------------|
| | | | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| Aug 30-Sep 05 | 58 | 200 | 0 | 0 | 50,331 | 284,400 | 15,526 | 130,408 | 0 | 0 | 111 | 749 |
| Sep 06-Sep 12 | 31 | 69 | 0 | 0 | 22,128 | 121,397 | 4,416 | 38,848 | 0 | 0 | 69 | 465 |
| Total | 139 | 2,117 | 388 | 5,630 | 577,416 | 3,256,267 | 34,107 | 276,584 | 5,229 | 15,947 | 5,781 | 38,198 |

**Port Moller to Stroganof Point
(Port Moller Bight, Bear River, Three Hills, and Ilnik Sections Combined)**

| | | | | | | | | | | | | |
|---------------|------------|--------------|--------------|---------------|----------------|------------------|---------------|----------------|---------------|---------------|---------------|----------------|
| May 31-Jun 06 | 7 | 11 | 114 | 1,968 | 74 | 470 | 0 | 0 | 0 | 0 | 39 | 279 |
| Jun 07-Jun 13 | * | * | * | * | * | * | * | * | * | * | * | * |
| Jun 14-Jun 20 | 10 | 19 | 374 | 6,495 | 2,807 | 15,844 | 0 | 0 | 0 | 0 | 150 | 912 |
| Jun 21-Jun 27 | * | * | * | * | * | * | * | * | * | * | * | * |
| Jun 28-Jul 04 | 123 | 357 | 497 | 7,255 | 78,716 | 441,439 | 2 | 18 | 25 | 79 | 1,054 | 7,060 |
| Jul 05-Jul 11 | 141 | 642 | 118 | 1,730 | 191,659 | 1,072,417 | 25 | 151 | 291 | 958 | 4,740 | 31,111 |
| Jul 12-Jul 18 | 134 | 761 | 103 | 1,617 | 202,655 | 1,135,991 | 824 | 4,756 | 1,064 | 3,558 | 6,485 | 43,473 |
| Jul 19-Jul 25 | 120 | 333 | 21 | 341 | 55,690 | 316,266 | 334 | 2,072 | 804 | 2,546 | 2,159 | 14,617 |
| Jul 26-Aug 01 | 17 | 17 | 0 | 0 | 1,728 | 9,464 | 21 | 140 | 149 | 585 | 108 | 711 |
| Aug 02-Aug 08 | 86 | 320 | 13 | 176 | 56,304 | 307,696 | 1,524 | 9,811 | 8,142 | 27,120 | 2,075 | 14,241 |
| Aug 16-Aug 22 | 90 | 267 | 4 | 119 | 67,616 | 386,192 | 7,460 | 56,379 | 62 | 248 | 468 | 3,243 |
| Aug 23-Aug 29 | 72 | 221 | 1 | 10 | 72,792 | 412,955 | 7,425 | 60,368 | 0 | 0 | 182 | 1,226 |
| Aug 30-Sep 05 | 63 | 272 | 0 | 0 | 63,226 | 356,807 | 17,750 | 149,107 | 0 | 0 | 195 | 1,321 |
| Sep 06-Sep 12 | 34 | 95 | 0 | 0 | 30,976 | 169,462 | 4,761 | 41,871 | 0 | 0 | 92 | 626 |
| Sep 13-Sep 19 | * | * | * | * | * | * | * | * | * | * | * | * |
| Sep 20-Sep 26 | * | * | * | * | * | * | * | * | * | * | * | * |
| Sep 27-Oct 03 | * | * | * | * | * | * | * | * | * | * | * | * |
| Total | 151 | 3,325 | 1,262 | 19,952 | 829,542 | 4,652,567 | 40,196 | 325,377 | 10,537 | 35,094 | 17,772 | 118,987 |

Inner Port Heiden Section

| | | | | | | | | | | | | |
|---------------|-----------|-----------|--------------|---------------|------------|--------------|--------------|---------------|----------|----------|-----------|------------|
| Jun 14-Jun 20 | 8 | 19 | 808 | 13,946 | 77 | 471 | 0 | 0 | 0 | 0 | 24 | 165 |
| Jun 21-Jun 27 | 8 | 15 | 534 | 8,992 | 172 | 989 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aug 30-Sep 05 | 9 | 23 | 0 | 0 | 0 | 0 | 5,705 | 48,504 | 0 | 0 | 0 | 0 |
| Total | 11 | 57 | 1,342 | 22,938 | 249 | 1,460 | 5,705 | 48,504 | 0 | 0 | 24 | 165 |

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Table 2. (page 5 of 6)

| Catch Dates | Permits | Landings | Chinook | | Sockeye | | Coho | | Pink | | Chum | |
|-------------------------------|-----------|------------|------------|--------------|--------------|---------------|---------------|----------------|--------------|--------------|------------|--------------|
| | | | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| Cinder River Section | | | | | | | | | | | | |
| Jun 14-Jun 20 | * | * | * | * | * | * | * | * | * | * | * | * |
| Jun 21-Jun 27 | * | * | * | * | * | * | * | * | * | * | * | * |
| Jun 28-Jul 04 | * | * | * | * | * | * | * | * | * | * | * | * |
| Jul 05-Jul 11 | * | * | * | * | * | * | * | * | * | * | * | * |
| Jul 12-Jul 18 | * | * | * | * | * | * | * | * | * | * | * | * |
| Jul 19-Jul 25 | * | * | * | * | * | * | * | * | * | * | * | * |
| Aug 02-Aug 08 | * | * | * | * | * | * | * | * | * | * | * | * |
| Aug 09-Aug 15 | 39 | 94 | 0 | 0 | 1,233 | 7,384 | 5,942 | 48,287 | 394 | 1,431 | 108 | 776 |
| Aug 16-Aug 22 | 40 | 104 | 0 | 0 | 766 | 5,548 | 13,227 | 107,065 | 631 | 2,735 | 83 | 631 |
| Aug 23-Aug 29 | 44 | 98 | 0 | 0 | 749 | 5,245 | 20,359 | 181,262 | 366 | 1,833 | 405 | 3,650 |
| Aug 30-Sep 05 | 32 | 53 | 0 | 0 | 364 | 2,264 | 11,355 | 101,084 | 89 | 430 | 0 | 0 |
| Total | 58 | 363 | 410 | 5,515 | 8,321 | 55,616 | 50,903 | 437,842 | 1,480 | 6,429 | 993 | 7,866 |
| Entire North Peninsula | | | | | | | | | | | | |
| May 31-Jun 06 | 8 | 13 | 157 | 2,755 | 187 | 1,467 | 0 | 0 | 0 | 0 | 39 | 279 |
| Jun 07-Jun 13 | 18 | 42 | 231 | 2,505 | 3,588 | 18,805 | 0 | 0 | 8 | 36 | 23 | 158 |
| Jun 14-Jun 20 | 39 | 118 | 2,152 | 34,391 | 15,054 | 81,969 | 0 | 0 | 0 | 0 | 174 | 1,077 |
| Jun 21-Jun 27 | 53 | 182 | 1,610 | 22,818 | 58,748 | 314,260 | 0 | 0 | 0 | 0 | 245 | 1,682 |
| Jun 28-Jul 04 | 164 | 495 | 1,197 | 16,874 | 110,264 | 621,776 | 2 | 18 | 26 | 82 | 8,117 | 57,692 |
| Jul 05-Jul 11 | 184 | 797 | 297 | 5,074 | 238,581 | 1,336,151 | 25 | 151 | 933 | 3,082 | 10,144 | 74,005 |
| Jul 12-Jul 18 | 180 | 905 | 155 | 2,333 | 229,921 | 1,290,413 | 937 | 5,438 | 1,847 | 6,349 | 17,283 | 126,269 |
| Jul 19-Jul 25 | 162 | 480 | 85 | 1,375 | 72,449 | 407,976 | 350 | 2,169 | 2,891 | 9,263 | 11,052 | 78,325 |
| Jul 26-Aug 01 | 82 | 201 | 24 | 340 | 33,200 | 185,560 | 407 | 2,634 | 7,918 | 30,657 | 9,606 | 67,080 |
| Aug 02-Aug 08 | 124 | 441 | 14 | 191 | 68,759 | 374,979 | 2,061 | 12,996 | 16,260 | 56,652 | 6,797 | 48,199 |
| Aug 09-Aug 15 | 113 | 247 | 1 | 16 | 13,840 | 76,414 | 7,942 | 60,393 | 3,713 | 13,930 | 4,381 | 30,220 |
| Aug 16-Aug 22 | 152 | 422 | 4 | 119 | 69,928 | 400,062 | 25,813 | 198,450 | 759 | 3,221 | 687 | 4,788 |
| Aug 23-Aug 29 | 143 | 394 | 1 | 10 | 74,143 | 421,304 | 39,028 | 320,283 | 366 | 1,833 | 646 | 5,269 |
| Aug 30-Sep 05 | 129 | 409 | 0 | 0 | 63,759 | 359,903 | 44,728 | 373,011 | 89 | 430 | 208 | 1,402 |

-Continued-

Table 2. (page 6 of 6)

| Catch Dates | Permits | Landings | Chinook | | Sockeye | | Coho | | Pink | | Chum | |
|---------------|------------|--------------|--------------|---------------|------------------|------------------|----------------|------------------|---------------|----------------|---------------|----------------|
| | | | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| Sep 06-Sep 12 | 55 | 138 | 0 | 0 | 31,255 | 171,905 | 12,111 | 100,808 | 0 | 0 | 112 | 759 |
| Sep 13-Sep 19 | * | * | * | * | * | * | * | * | * | * | * | * |
| Sep 20-Sep 26 | * | * | * | * | * | * | * | * | * | * | * | * |
| Sep 27-Oct 03 | * | * | * | * | * | * | * | * | * | * | * | * |
| Total | 263 | 5,288 | 5,928 | 88,801 | 1,087,552 | 6,082,653 | 134,724 | 1,086,706 | 34,810 | 125,535 | 69,516 | 497,213 |

* Denotes less than 4 permits were fished and information cannot be released due to confidentiality reasons.

Table 3. Northern District chinook salmon runs^a, 1962 - 1998.

| Year | | Cinder River | Port Heiden | Three Hills & Ilnik | Bear River | Port Moller Bight & Herendeen-Moller Bay | Nelson Lagoon | Caribou Flats & Black Hills | Northern District Totals |
|------|------------|------------------|--------------------|---------------------|------------------|--|---------------|-----------------------------|--------------------------|
| 1962 | Catch | 0 | 400 | 0 | 500 | 700 | 3,700 | 0 | 5,300 |
| | Escapement | 0 | 1,100 ^b | 0 | 500 | 0 | 2,700 | 100 ^b | 4,400 |
| | Total | 0 | 1,500 ^b | 0 | 1,000 | 700 | 6,400 | 100 ^b | 9,700 |
| 1963 | Catch | 0 | 0 | 0 | 600 | 200 | 2,500 | 0 | 3,300 |
| | Escapement | 0 | 100 ^b | 0 | 200 | 0 | 4,000 | 1,900 ^b | 6,200 |
| | Total | 0 | 100 ^b | 0 | 800 | 200 | 6,500 | 1,900 ^b | 9,500 |
| 1964 | Catch | 0 | 0 | 100 | 300 | 0 | 3,300 | 0 | 3,700 |
| | Escapement | 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 | 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 | 0 | 1,300 ^b | 0 | 300 ^b | 0 | 4,700 | 1,900 | 8,200 |
| | Total | 0 | 2,000 ^b | 0 | 400 ^b | 0 | 7,100 | 1,900 | 11,400 |
| 1967 | Catch | 0 | 1,400 | 0 | 100 | 400 | 3,600 | 0 | 5,500 |
| | Escapement | 800 ^b | 500 | 300 | 3,000 | 0 | 5,100 | 1,300 | 11,000 |
| | Total | 800 ^b | 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 | 300 | 1,100 ^b | 0 | 2,600 | 0 | 7,300 | 2,700 | 14,000 |
| | Total | 300 | 2,100 ^b | 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 | 800 | 1,100 ^b | 0 | 1,000 | 0 | 8,100 | 1,600 | 12,600 |
| | Total | 800 | 2,500 ^b | 0 | 1,500 | 500 | 10,600 | 1,600 | 17,500 |
| 1970 | Catch | 0 | 0 | 0 | 800 | 400 | 2,600 | 0 | 3,800 |
| | Escapement | 200 | 300 | 300 | 1,000 | 0 | 2,900 | 2,000 | 6,700 |
| | Total | 200 | 300 | 300 | 1,800 | 400 | 5,500 | 2,000 | 10,500 |
| 1971 | Catch | 0 | 0 | 100 | 300 | 400 | 1,400 | 0 | 2,200 |
| | Escapement | 100 | 100 | 200 | 800 | 0 | 2,300 | 1,500 ^b | 5,000 |
| | Total | 100 | 100 | 300 | 1,100 | 400 | 3,700 | 1,500 ^b | 7,200 |
| 1972 | Catch | 0 | 0 | 100 | 200 | 200 | 1,300 | 0 | 1,800 |
| | Escapement | 700 | 1,600 | 0 | 100 | 0 | 1,400 | 1,000 ^b | 4,800 |
| | Total | 700 | 1,600 | 100 | 300 | 200 | 2,700 | 1,000 ^b | 6,600 |
| 1973 | Catch | 0 | 0 | 0 | 700 | 300 | 1,500 | 0 | 2,500 |
| | Escapement | 600 | 600 | 0 | 100 | 0 | 1,500 | 800 | 3,600 |
| | Total | 600 | 600 | 0 | 800 | 300 | 3,000 | 800 | 6,100 |
| 1974 | Catch | 0 | 0 | 0 | 300 | 200 | 2,200 | 0 | 2,700 |
| | Escapement | 500 | 700 | 0 | 300 | 0 | 1,100 | 400 | 3,000 |
| | Total | 500 | 700 | 0 | 600 | 200 | 3,300 | 400 | 5,700 |
| 1975 | Catch | 0 | 400 | 0 | 300 | 200 | 1,200 | 0 | 2,100 |
| | Escapement | 100 | 900 | 0 | 700 | 0 | 2,500 | 400 | 4,600 |
| | Total | 100 | 1,300 | 0 | 1,000 | 200 | 3,700 | 400 | 6,700 |

-Continued-

Table 3. (page 2 of 3)

| Year | | Cinder River | Port Heiden | Three Hills & Ilnik | Bear River | Port Moller Bight & Herendeen-Moller Bay | Nelson Lagoon | Caribou Flats & Black Hills | Northern District Totals |
|------|------------|--------------------|---------------------|---------------------|---------------------|--|---------------|-----------------------------|--------------------------|
| 1976 | Catch | 0 | 1,500 | 100 | 500 | 600 | 2,200 | 0 | 4,900 |
| | Escapement | 1,600 | 200 | 0 | 500 | 0 | 3,300 | 400 | 6,000 |
| | Total | 1,600 | 1,700 | 100 | 1,000 | 600 | 5,500 | 400 | 10,900 |
| 1977 | Catch | 0 | 2,500 | 100 | 700 | 500 | 1,700 | 0 | 5,500 |
| | Escapement | 100 | 700 | 0 | 0 | 0 | 5,600 | 700 | 7,100 |
| | Total | 100 | 3,200 | 100 | 700 | 500 | 7,300 | 700 | 12,600 |
| 1978 | Catch | 0 | 9,500 | 0 | 600 | 700 | 3,400 | 0 | 14,200 |
| | Escapement | 1,100 | 4,200 | 0 | 200 ^b | 0 | 4,200 | 4,000 | 13,700 |
| | Total | 1,100 | 13,700 | 0 | 800 ^b | 700 | 7,600 | 4,000 | 27,900 |
| 1979 | Catch | 0 | 9,700 | 0 | 1,400 | 500 | 5,400 | 0 | 17,000 |
| | Escapement | 300 | 3,200 ^b | 0 | 0 | 0 | 11,000 | 1,500 | 15,800 |
| | Total | 300 | 12,900 ^b | 0 | 1,400 | 500 | 16,400 | 1,500 | 32,800 |
| 1980 | Catch | 0 | 5,400 | 100 | 1,700 | 900 | 8,700 | 0 | 16,800 |
| | Escapement | 3,000 ^b | 1,600 ^b | 0 | 100 | 0 | 5,500 | 800 | 11,000 ^b |
| | Total | 3,000 ^b | 7,000 ^b | 100 | 1,800 | 900 | 14,200 | 800 | 27,800 |
| 1981 | Catch | 0 | 6,100 | 0 | 1,700 | 100 | 11,000 | 0 | 18,900 |
| | Escapement | 3,000 ^b | 1,000 ^b | 0 | 2,300 | 0 | 5,200 | 900 | 12,400 ^b |
| | Total | 3,000 ^b | 7,100 ^b | 0 | 4,000 | 100 | 16,200 | 900 | 31,300 |
| 1982 | Catch | 0 | 11,000 | 900 | 2,900 | 700 | 13,500 | 1,200 | 30,200 |
| | Escapement | 2,500 ^b | 7,500 ^b | 0 | 900 | 0 | 7,000 | 2100 | 20,000 |
| | Total | 2,500 ^b | 18,500 ^b | 900 | 3,800 | 700 | 20,500 | 3,300 | 50,200 |
| 1983 | Catch | 0 | 6,800 | 900 | 8,600 | 700 | 12,100 | 400 | 29,500 |
| | Escapement | 7,200 | 900 | 0 | 1,500 ^b | 0 | 12,500 | 3,600 | 25,700 |
| | Total | 7,200 | 7,700 | 900 | 10,100 ^b | 700 | 24,600 | 4,000 | 55,200 |
| 1984 | Catch | 0 | 6,400 | 1,300 | 6,000 | 600 | 7,800 | 900 | 23,000 |
| | Escapement | 400 | 7,400 | 0 | 600 | 0 | 6,300 | 3,000 | 17,700 |
| | Total | 400 | 13,800 | 1,300 | 6,600 | 600 | 14,100 | 3,900 | 40,700 |
| 1985 | Catch | 0 | 4,400 | 1,700 | 4,800 | 1,800 | 10,900 | 0 | 23,600 |
| | Escapement | 700 | 4,700 | 0 | 1,200 | 0 | 3,200 | 3,200 | 13,000 |
| | Total | 700 | 9,100 | 1,700 | 6,000 | 1,800 | 14,100 | 3,200 | 36,600 |
| 1986 | Catch | 0 | 1,800 | 1,500 | 2,900 | 400 | 4,800 | 200 | 11,600 ^b |
| | Escapement | 1,700 | 2,400 | 0 | 800 | 0 | 1,800 | 2,100 | 8,800 |
| | Total | 1,700 | 4,200 | 1,500 | 3,700 | 400 | 6,600 | 2,300 | 20,400 |
| 1987 | Catch | 0 | 3,200 | 900 | 3,800 | 300 | 5,800 | 100 | 14,100 |
| | Escapement | 900 | 1,400 | 0 | 700 | 0 | 4,100 | 3,600 | 10,700 |
| | Total | 900 | 4,600 | 900 | 4,500 | 300 | 9,900 | 3,700 | 24,800 |
| 1988 | Catch | 0 | 5,800 | 800 | 3,500 | 200 | 6,500 | 0 | 16,800 |
| | Escapement | 400 | 2,200 | 200 | 1,200 | 0 | 3,300 | 3,300 | 10,600 |
| | Total | 400 | 8,000 | 1,000 | 4,700 | 200 | 9,800 | 3,300 | 27,400 |
| 1989 | Catch | 100 | 2,900 | 500 | 2,200 | 300 | 3,800 | 1,000 | 10,800 |
| | Escapement | 200 | 800 | 0 | 900 | 0 | 3,100 | 600 | 5,600 |
| | Total | 300 | 3,700 | 500 | 3,100 | 300 | 6,900 | 1,600 | 16,400 |

-Continued-

Table 3. (page 3 of 3)

| Year | | Cinder River | Port Heiden | Three Hills & Inik | Bear River | Port Moller Bight & Herendeen-Moller Bay | Nelson Lagoon | Caribou Flats & Black Hills | Northern District Totals |
|-----------------|------------|--------------------|---------------------|--------------------|--------------------|--|---------------|-----------------------------|--------------------------|
| 1990 | Catch | 100 | 4,700 | 500 | 2,100 | 100 | 3,600 | 1,100 | 12,200 |
| | Escapement | 1,600 | 800 | 0 | 1,400 | 0 | 2,300 | 1,000 | 7,100 |
| | Total | 1,700 | 5,500 | 500 | 3,500 | 100 | 5,900 | 2,100 | 19,300 |
| 1991 | Catch | 0 | 3,100 | 300 | 1,600 | 200 | 3,500 | 600 | 9,300 |
| | Escapement | 600 | 900 | 0 | 700 | 0 | 6,800 | 500 | 9,500 |
| | Total | 600 | 4,000 | 300 | 2,300 | 200 | 10,300 | 1,100 | 18,800 |
| 1992 | Catch | 100 | 5,400 | 1,400 | 3,300 | 100 | 2,800 | 0 | 13,100 |
| | Escapement | 300 | 1,400 | 0 | 1,000 | 0 | 3,000 | 900 | 6,600 |
| | Total | 400 | 6,800 | 1,400 | 4,300 | 100 | 5,800 | 900 | 19,700 |
| 1993 | Catch | 2,300 | 10,600 | 300 | 5,500 | 100 | 4,800 | 0 | 23,600 |
| | Escapement | 700 ^b | 3,200 ^b | 0 | 1,800 | 0 | 6,000 | 2,000 | 13,700 |
| | Total | 3,000 ^b | 13,800 ^b | 300 | 7,300 | 100 | 10,800 | 2,000 | 37,300 |
| 1994 | Catch | 2,600 | 8,800 | 600 | 3,100 | 100 | 3,900 | 0 | 19,100 |
| | Escapement | 10,500 | 15,100 | 0 | 6,200 ^b | 0 | 4,800 | 1,900 | 38,500 |
| | Total | 13,100 | 23,900 | 600 | 9,300 | 100 | 8,700 | 1,900 | 57,600 |
| 1995 | Catch | 300 | 2,300 | 600 | 900 | 0 | 3,500 | 0 | 7,600 |
| | Escapement | 9,300 | 7,100 | 0 | 3,600 | 0 | 3,000 | 1,300 | 24,300 |
| | Total | 9,600 | 9,400 | 600 | 4,500 | 0 | 6,500 | 1,300 | 31,900 |
| 1996 | Catch | 700 | 0 | 400 | 1,300 | 100 | 2,300 | 100 | 4,900 |
| | Escapement | 4,000 ^b | 12,000 ^b | 0 | 2,600 | 0 | 4,000 | 3,000 | 25,600 |
| | Total | 4,700 ^b | 12,000 ^b | 400 | 3,900 | 100 | 6,300 | 3,100 | 30,500 |
| 1997 | Catch | 300 | 3,700 | 1,200 | 1,900 | 0 | 3,200 | 0 | 10,300 |
| | Escapement | 2,300 | 4,000 ^b | 0 | 4,300 | 0 | 7,050 | 1,800 | 19,450 |
| | Total | 2,600 | 7,700 | 1,200 | 6,200 | 0 | 10,250 | 1,800 | 29,750 |
| 1998 | Catch | 400 | 1,300 | 400 | 800 | 0 | 2,700 | 200 | 5,800 |
| | Escapement | 2,100 | 3,500 | 0 | 2,400 | 0 | 5,200 | 1,800 | 15,000 |
| | Total | 2,500 | 4,800 | 400 | 3,200 | 0 | 7,900 | 2,000 | 20,800 |
| 1988-97 Average | Catch | 650 | 4,730 | 660 | 2,540 | 120 | 3,790 | 280 | 12,770 |
| | Escapement | 2,990 | 4,750 | 20 | 2,370 | 0 | 4,335 | 1,630 | 16,095 |
| | Total | 3,640 | 9,480 | 622 | 4,910 | 120 | 8,125 | 1,910 | 28,865 |

^a Escapements are indexed totals

^b These figures are extrapolated estimates

Table 4. North Peninsula salmon harvest, in numbers of fish, by district, statistical area, and section, 1998.

| Statistical Area | Section | Number of Salmon | | | | | Total |
|---|---------------------------|------------------|------------------|----------------|---------------|---------------|------------------|
| | | Chinook | Sockeye | Coho | Pink | Chum | |
| NORTHWESTERN DISTRICT | | | | | | | |
| 311-32 | Urilia Bay Section Total | 25 | 34,351 | 3,561 | 5,015 | 2,994 | 45,946 |
| 311-52 | Swanson Lagoon Section | 19 | 8,663 | 126 | 5,777 | 7,964 | 22,549 |
| 311-60 | Bechevin Bay Section | 0 | 60 | 0 | 5,118 | 7,829 | 13,007 |
| 312-20 | Izembek Lagoon | 0 | 3,141 | 0 | 209 | 1,379 | 4,729 |
| 312-40 | Moffet Bay | 2 | 5,100 | 0 | 36 | 11,863 | 17,001 |
| Izembek-Moffet Bay Section Total | | 2 | 8,241 | 0 | 245 | 13,242 | 21,730 |
| NORTHWESTERN DISTRICT TOTAL | | 46 | 51,315 | 3,687 | 16,155 | 32,029 | 103,232 |
| NORTHERN DISTRICT | | | | | | | |
| 313-10 | Black Hills Section | 153 | 36,684 | 533 | 5,681 | 9,613 | 52,664 |
| 313-30 | Nelson Lagoon Section | 2,715 | 161,441 | 33,700 | 957 | 9,085 | 207,898 |
| 314-12 | Port Moller Bight Section | 43 | 799 | 78 | 3 | 260 | 1,183 |
| 315-11 | Bear River | 825 | 189,157 | 1,820 | 3,976 | 11,312 | 207,090 |
| 315-20 | Muddy River | 6 | 62,170 | 4,191 | 1,329 | 419 | 68,115 |
| Bear River Section Total | | 831 | 251,327 | 6,011 | 5,305 | 11,731 | 275,205 |
| 316-10 | Three Hills Section | 219 | 106,856 | 10,221 | 2,266 | 1,336 | 120,898 |
| 316-20 | Outside Ilnik | 131 | 356,240 | 17,111 | 2,550 | 3,660 | 379,692 |
| 316-22 | Ilnik Lagoon | 1 | 898 | 0 | 0 | 0 | 899 |
| 316-25 | Strogonof Point | 37 | 113,422 | 6,775 | 413 | 785 | 121,432 |
| Ilnik Section Total | | 169 | 470,560 | 23,886 | 2,963 | 4,445 | 502,023 |
| 317-20 | Inner Port Heiden Section | 1,342 | 249 | 5,705 | 0 | 24 | 7,320 |
| 318-20 | Cinder River Section | 410 | 8,321 | 50,903 | 1,480 | 993 | 62,107 |
| NORTHERN DISTRICT TOTAL | | 5,882 | 1,036,237 | 131,037 | 18,655 | 37,487 | 1,229,298 |
| NORTH PENINSULA TOTAL | | 5,928 | 1,087,552 | 134,724 | 34,810 | 69,516 | 1,332,530 |

Table 5. Uria Bay Section salmon harvest by species and day, 1998.

| Catch Date | Permits | Landings | Number of Fish | | | | |
|---------------|---------|----------|----------------|---------|------|-------|------|
| | | | Chinook | Sockeye | Coho | Pink | Chum |
| 22-Jun | 9 | 10 | 3 | 5,920 | 0 | 0 | 77 |
| 23-Jun | 5 | 5 | 1 | 3,633 | 0 | 0 | 17 |
| 24-Jun | 9 | 10 | 3 | 4,067 | 0 | 0 | 74 |
| 25-Jun | 7 | 7 | 2 | 1,575 | 0 | 0 | 37 |
| 26-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 28-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7-Jul | 5 | 5 | 5 | 1,481 | 0 | 36 | 141 |
| 8-Jul | 5 | 5 | 1 | 1,721 | 0 | 60 | 175 |
| 9-Jul | 5 | 5 | 2 | 2,419 | 0 | 112 | 370 |
| 10-Jul | 5 | 5 | 3 | 1,414 | 0 | 84 | 215 |
| 11-Jul | 5 | 6 | 1 | 2,789 | 0 | 348 | 698 |
| 12-Jul | 5 | 5 | 1 | 2,511 | 0 | 157 | 140 |
| 13-Jul | 6 | 6 | 1 | 1,317 | 0 | 38 | 106 |
| 14-Jul | 6 | 6 | 0 | 1,385 | 46 | 120 | 305 |
| 15-Jul | 5 | 5 | 1 | 1,298 | 60 | 266 | 106 |
| 16-Jul | * | * | * | * | * | * | * |
| 17-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 24-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 26-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 28-Jul | 5 | 7 | 0 | 1,483 | 52 | 1,333 | 228 |
| 29-Jul | 4 | 4 | 0 | 869 | 54 | 1,282 | 138 |
| 30-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3-Aug | 5 | 5 | 1 | 328 | 15 | 969 | 138 |
| 4-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6-Aug | * | * | * | * | * | * | * |
| 7-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

-Continued-

Table 5. (page 2 of 2)

| Catch Date | Permits | Landings | Number of Fish | | | | |
|---------------|---------|----------|----------------|---------|-------|-------|-------|
| | | | Chinook | Sockeye | Coho | Pink | Chum |
| 8-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 24-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 26-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 28-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7-Sep | * | * | * | * | * | * | * |
| 8-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16-Sep | * | * | * | * | * | * | * |
| Total | 17 | 100 | 25 | 34,351 | 3,561 | 5,015 | 2,994 |

* Due to confidentiality rules this information may not be released.

Table 6. Northwestern District sockeye salmon runs^a, 1962 - 1998.

| Year | | Izembek - Moffet Bay | Bechevin, Swanson Lagoon & Urilia Bays | Northwestern District Total |
|------|------------|-------------------------|--|--------------------------------|
| 1962 | Catch | 4,700 | 4,100 | 8,800 |
| | Escapement | 27,000 | 24,000 ^b | 51,000 ^b |
| | Total | 31,700 | 28,100 | 59,800 ^b |
| 1963 | Catch | 1,700 | 5,200 | 6,900 |
| | Escapement | 40,000 | 14,000 | 54,000 |
| | Total | 41,700 | 19,200 | 60,900 |
| 1964 | Catch | 4,700 | 10,300 | 15,000 |
| | Escapement | 50,000 | 20,000 ^b | 70,000 |
| | Total | 54,700 | 30,300 | 85,000 |
| 1965 | Catch | 400 | 14,100 | 14,500 |
| | Escapement | 7,000 | 6,900 | 13,900 |
| | Total | 7,400 | 21,000 | 28,400 |
| 1966 | Catch | 0 | 16,300 | 16,300 |
| | Escapement | 7,500 | 12,400 | 19,900 |
| | Total | 7,500 | 28,700 | 36,200 |
| 1967 | Catch | 8,100 | 5,300 | 13,400 |
| | Escapement | 9,000 | 5,800 | 14,800 |
| | Total | 17,100 | 11,100 | 28,200 |
| 1968 | Catch | 11,100 | 4,600 | 15,700 |
| | Escapement | 10,000 | 7,800 | 17,800 |
| | Total | 21,100 | 12,400 | 33,500 |
| 1969 | Catch | 6,100 | 3,500 | 9,600 |
| | Escapement | 14,000 | 39,500 | 53,500 |
| | Total | 20,100 | 43,000 | 63,100 |
| 1970 | Catch | 3,100 | 700 | 3,800 |
| | Escapement | 7,000 | 35,000 ^b | 42,000 ^b |
| | Total | 10,100 | 35,700 ^b | 45,800 ^b |
| 1971 | Catch | 6,900 | 2,400 | 9,300 |
| | Escapement | 4,000 | 30,000 | 34,000 |
| | Total | 10,900 | 32,400 | 43,300 |
| 1972 | Catch | 800 | 6,200 | 7,000 |
| | Escapement | 5,000 | 4,800 | 9,800 |
| | Total | 5,800 | 11,000 | 16,800 |

-Continued-

Table 6. (page 2 of 4)

| Year | | Izembek - Moffet Bay | Bechevin, Swanson Lagoon & Urilia Bays | Northwestern District Total |
|------|------------|-------------------------|--|--------------------------------|
| 1973 | Catch | 1,300 | 2,600 | 3,900 |
| | Escapement | 2,000 | 5,000 | 7,000 |
| | Total | 3,300 | 7,600 | 10,900 |
| 1974 | Catch | 4,800 | 3,700 | 8,500 |
| | Escapement | 4,000 | 3,300 | 7,300 |
| | Total | 8,800 | 7,000 | 15,800 |
| 1975 | Catch | 1,500 | 1,500 | 3,000 |
| | Escapement | 7,000 | 12,300 | 19,300 |
| | Total | 8,500 | 13,800 | 22,300 |
| 1976 | Catch | 19,000 | 1,700 | 20,700 |
| | Escapement | 14,000 | 21,500 | 35,500 |
| | Total | 33,000 | 23,200 | 56,200 |
| 1977 | Catch | 3,100 | 31,500 | 34,600 |
| | Escapement | 26,500 | 28,600 | 55,100 |
| | Total | 29,600 | 60,100 | 89,700 |
| 1978 | Catch | 15,600 | 24,500 | 40,100 |
| | Escapement | 17,000 | 28,000 | 45,000 |
| | Total | 32,600 | 52,500 | 85,100 |
| 1979 | Catch | 10,800 | 63,100 | 73,900 |
| | Escapement | 9,000 | 33,700 | 42,700 |
| | Total | 19,800 | 96,800 | 116,600 |
| 1980 | Catch | 34,200 | 15,200 | 49,400 |
| | Escapement | 11,500 | 90,100 | 101,600 |
| | Total | 45,700 | 105,300 | 151,000 |
| 1981 | Catch | 30,900 | 20,100 | 51,000 |
| | Escapement | 12,000 | 60,700 | 72,700 |
| | Total | 42,900 | 80,800 | 123,700 |
| 1982 | Catch | 24,500 | 9,300 | 33,800 |
| | Escapement | 21,500 | 29,300 | 50,800 |
| | Total | 46,000 | 38,600 | 84,600 |
| 1983 | Catch | 15,200 | 14,300 | 29,500 |
| | Escapement | 18,500 | 14,200 | 32,700 |
| | Total | 33,700 | 28,500 | 62,200 |

-Continued-

Table 6. (page 3 of 4)

| Year | | Izembek - Moffet Bay | Bechevin, Swanson Lagoon & Urilia Bays | Northwestern District Total |
|------|------------|-------------------------|--|--------------------------------|
| 1984 | Catch | 4,700 | 197,000 | 201,700 |
| | Escapement | 19,100 | 70,300 | 89,400 |
| | Total | 23,800 | 267,300 | 291,100 |
| 1985 | Catch | 6,200 | 77,000 | 83,200 |
| | Escapement | 17,200 | 29,500 | 46,700 |
| | Total | 23,400 | 106,500 | 129,900 |
| 1986 | Catch | 19,100 | 139,200 | 158,300 |
| | Escapement | 15,700 | 45,700 | 61,400 |
| | Total | 34,800 | 184,900 | 219,700 |
| 1987 | Catch | 6,500 | 137,900 | 144,400 |
| | Escapement | 13,600 | 36,300 | 49,900 |
| | Total | 20,100 | 174,200 | 194,300 |
| 1988 | Catch | 11,500 | 67,000 | 78,500 |
| | Escapement | 17,300 | 35,600 | 52,900 |
| | Total | 28,800 | 102,600 | 131,400 |
| 1989 | Catch | 8,600 | 44,000 | 52,600 |
| | Escapement | 22,500 | 58,100 | 80,600 |
| | Total | 31,100 | 102,100 | 133,200 |
| 1990 | Catch | 39,400 | 118,600 | 158,000 |
| | Escapement | 33,700 | 83,100 | 116,800 |
| | Total | 73,100 | 201,700 | 274,800 |
| 1991 | Catch | 24,500 | 156,700 | 181,200 |
| | Escapement | 51,600 | 86,700 | 138,300 |
| | Total | 76,100 | 243,400 | 319,500 |
| 1992 | Catch | 21,500 | 57,500 | 79,000 |
| | Escapement | 53,300 | 46,900 | 100,200 |
| | Total | 74,800 | 104,400 | 179,200 |
| 1993 | Catch | 30,100 | 38,300 | 68,400 |
| | Escapement | 34,400 | 40,000 | 74,400 |
| | Total | 64,500 | 78,300 | 142,800 |
| 1994 | Catch | 2,400 | 32,500 | 34,900 |
| | Escapement | 39,500 | 48,200 | 87,700 |
| | Total | 41,900 | 80,700 | 122,600 |

-Continued-

Table 6. (page 4 of 4)

| Year | | Izembek - Moffet Bay | Bechevin, Swanson Lagoon & Urilia Bays | Northwestern District Total |
|---------|------------|-------------------------|--|--------------------------------|
| 1995 | Catch | 7,300 | 18,000 | 25,300 |
| | Escapement | 7,500 | 54,800 | 129,800 |
| | Total | 14,800 | 72,800 | 155,100 |
| 1996 | Catch | 18,200 | 39,900 | 58,100 |
| | Escapement | 45,900 | 36,900 | 82,800 |
| | Total | 64,100 | 76,800 | 140,900 |
| 1997 | Catch | 5,500 | 53,000 | 58,500 |
| | Escapement | 26,500 | 42,300 | 68,800 |
| | Total | 32,000 | 95,300 | 127,300 |
| 1998 | Catch | 8,200 | 43,100 | 51,300 |
| | Escapement | 38,800 | 45,300 | 84,100 |
| | Total | 47,000 | 88,400 | 135,400 |
| 1988-97 | Catch | 16,900 | 62,550 | 79,450 |
| | Escapement | 33,220 | 53,260 | 93,230 |
| | Total | 50,120 | 115,810 | 172,680 |

^a Escapements are indexed totals.

^b Figures are extrapolated estimates.

Table 7. Nelson Lagoon Section salmon harvest by species and day, 1998.

| Catch Date | Permits | Landings | Number of Fish | | | | |
|------------|---------|----------|----------------|---------|------|------|------|
| | | | Chinook | Sockeye | Coho | Pink | Chum |
| 1-Jun | * | * | * | * | * | * | * |
| 2-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3-Jun | * | * | * | * | * | * | * |
| 4-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8-Jun | 11 | 12 | 76 | 555 | 0 | 0 | 0 |
| 9-Jun | 11 | 13 | 77 | 1,006 | 0 | 0 | 0 |
| 10-Jun | 11 | 13 | 62 | 1,502 | 0 | 8 | 0 |
| 11-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15-Jun | 21 | 25 | 247 | 3,893 | 0 | 0 | 0 |
| 16-Jun | 15 | 18 | 226 | 1,924 | 0 | 0 | 0 |
| 17-Jun | 16 | 18 | 253 | 3,570 | 0 | 0 | 0 |
| 18-Jun | 17 | 17 | 120 | 2,590 | 0 | 0 | 0 |
| 19-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-Jun | 26 | 32 | 188 | 9,179 | 0 | 0 | 0 |
| 23-Jun | 27 | 28 | 161 | 9,000 | 0 | 0 | 0 |
| 24-Jun | 28 | 34 | 259 | 13,067 | 0 | 0 | 0 |
| 25-Jun | 29 | 32 | 232 | 10,101 | 0 | 0 | 0 |
| 26-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 28-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29-Jun | 29 | 40 | 186 | 12,990 | 0 | 0 | 0 |
| 30-Jun | 26 | 30 | 139 | 7,281 | 0 | 0 | 0 |
| 1-Jul | 24 | 24 | 178 | 4,127 | 0 | 0 | 0 |
| 2-Jul | 22 | 22 | 80 | 3,114 | 0 | 0 | 0 |
| 3-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6-Jul | 28 | 32 | 57 | 11,115 | 0 | 0 | 0 |
| 7-Jul | 28 | 32 | 47 | 8,780 | 0 | 0 | 2 |
| 8-Jul | 26 | 29 | 24 | 6,860 | 0 | 1 | 6 |
| 9-Jul | 27 | 28 | 18 | 6,045 | 0 | 1 | 3 |
| 10-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13-Jul | 24 | 29 | 14 | 5,783 | 0 | 6 | 71 |
| 14-Jul | 24 | 26 | 13 | 4,883 | 0 | 2 | 68 |
| 15-Jul | 18 | 20 | 4 | 2,865 | 0 | 7 | 51 |
| 16-Jul | 20 | 20 | 1 | 1,258 | 0 | 0 | 39 |

-Continued-

Table 7. (page 2 of 3)

| Catch Date | Permits | Landings | Number of Fish | | | | |
|------------|---------|----------|----------------|---------|-------|------|-------|
| | | | Chinook | Sockeye | Coho | Pink | Chum |
| 17-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Jul | 22 | 23 | 1 | 2,428 | 0 | 2 | 106 |
| 21-Jul | 24 | 24 | 1 | 2,737 | 0 | 47 | 113 |
| 22-Jul | 18 | 20 | 5 | 1,719 | 1 | 7 | 124 |
| 23-Jul | 17 | 17 | 1 | 1,545 | 0 | 3 | 134 |
| 24-Jul | 17 | 18 | 0 | 976 | 0 | 6 | 245 |
| 25-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 26-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27-Jul | 18 | 23 | 0 | 2,399 | 2 | 44 | 1,068 |
| 28-Jul | 18 | 21 | 0 | 2,017 | 9 | 114 | 811 |
| 29-Jul | 20 | 23 | 2 | 2,308 | 14 | 38 | 876 |
| 30-Jul | 21 | 21 | 0 | 1,670 | 27 | 28 | 722 |
| 31-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3-Aug | 17 | 18 | 0 | 1,186 | 80 | 14 | 1,020 |
| 4-Aug | 20 | 20 | 0 | 1,535 | 100 | 67 | 1,000 |
| 5-Aug | 20 | 20 | 0 | 1,395 | 86 | 92 | 838 |
| 6-Aug | 22 | 22 | 0 | 1,804 | 129 | 129 | 565 |
| 7-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10-Aug | 22 | 22 | 0 | 1,649 | 812 | 96 | 465 |
| 11-Aug | 21 | 23 | 0 | 1,054 | 546 | 114 | 293 |
| 12-Aug | 18 | 19 | 0 | 559 | 226 | 55 | 174 |
| 13-Aug | 14 | 14 | 0 | 263 | 112 | 10 | 63 |
| 14-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Aug | 21 | 22 | 0 | 646 | 1,235 | 49 | 57 |
| 19-Aug | 8 | 8 | 0 | 273 | 967 | 17 | 31 |
| 20-Aug | 20 | 21 | 0 | 627 | 2,924 | 0 | 48 |
| 21-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 24-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25-Aug | 12 | 12 | 0 | 107 | 867 | 0 | 9 |
| 26-Aug | 17 | 20 | 0 | 109 | 1,597 | 0 | 15 |
| 27-Aug | 20 | 21 | 0 | 213 | 3,629 | 0 | 23 |
| 28-Aug | 21 | 22 | 0 | 173 | 5,151 | 0 | 12 |
| 29-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-Aug | 21 | 21 | 0 | 37 | 2,624 | 0 | 9 |

-Continued-

Table 7. (page 3 of 3)

| Catch Date | Permits | Landings | Number of Fish | | | | |
|------------|---------|----------|----------------|---------|--------|------|-------|
| | | | Chinook | Sockeye | Coho | Pink | Chum |
| 1-Sep | * | * | * | * | * | * | * |
| 2-Sep | 19 | 19 | 0 | 63 | 2,404 | 0 | 3 |
| 3-Sep | 19 | 19 | 0 | 56 | 3,691 | 0 | 1 |
| 4-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7-Sep | 18 | 19 | 0 | 278 | 3,238 | 0 | 13 |
| 8-Sep | 13 | 14 | 0 | 1 | 1,517 | 0 | 6 |
| 9-Sep | 5 | 5 | 0 | 0 | 90 | 0 | 1 |
| 10-Sep | 4 | 4 | 0 | 0 | 423 | 0 | 0 |
| 11-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 41 | 1,153 | 2,715 | 161,441 | 33,700 | 957 | 9,085 |

* Due to confidentiality rules this information may not be released.

Table 8. Bear River Section salmon harvest by species and day, 1998.

| Catch Date | Permits | Landings | Number of Fish | | | | |
|------------|---------|----------|----------------|---------|------|------|-------|
| | | | Chinook | Sockeye | Coho | Pink | Chum |
| 1-Jun | 6 | 6 | 52 | 37 | 0 | 0 | 35 |
| 2-Jun | * | * | * | * | * | * | * |
| 3-Jun | * | * | * | * | * | * | * |
| 4-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8-Jun | * | * | * | * | * | * | * |
| 9-Jun | * | * | * | * | * | * | * |
| 10-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16-Jun | 7 | 7 | 155 | 837 | 0 | 0 | 5 |
| 17-Jun | 6 | 7 | 165 | 1,488 | 0 | 0 | 101 |
| 18-Jun | * | * | * | * | * | * | * |
| 19-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 24-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 26-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 28-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30-Jun | 28 | 37 | 134 | 13,251 | 0 | 2 | 156 |
| 1-Jul | 56 | 60 | 89 | 11,007 | 0 | 20 | 263 |
| 2-Jul | 47 | 51 | 22 | 6,521 | 0 | 1 | 99 |
| 3-Jul | 66 | 78 | 26 | 16,062 | 0 | 2 | 223 |
| 4-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7-Jul | 22 | 22 | 3 | 2,299 | 0 | 0 | 19 |
| 8-Jul | 56 | 61 | 19 | 16,333 | 1 | 22 | 369 |
| 9-Jul | 24 | 29 | 4 | 11,686 | 0 | 24 | 516 |
| 10-Jul | 27 | 29 | 6 | 8,968 | 0 | 29 | 896 |
| 11-Jul | 40 | 43 | 4 | 8,655 | 0 | 68 | 1,218 |
| 12-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13-Jul | 26 | 31 | 3 | 11,614 | 1 | 106 | 985 |
| 14-Jul | 23 | 25 | 5 | 7,976 | 0 | 72 | 867 |
| 15-Jul | 22 | 23 | 1 | 3,911 | 0 | 51 | 708 |
| 16-Jul | 24 | 26 | 6 | 4,020 | 0 | 72 | 802 |

-Continued-

Table 8. (page 2 of 3)

| Catch Date | Permits | Landings | Number of Fish | | | | |
|---------------|---------|----------|----------------|---------|-------|-------|------|
| | | | Chinook | Sockeye | Coho | Pink | Chum |
| 17-Jul | 20 | 21 | 8 | 2,981 | 0 | 73 | 606 |
| 18-Jul | 35 | 35 | 6 | 4,332 | 11 | 113 | 407 |
| 19-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Jul | 26 | 26 | 0 | 6,138 | 1 | 52 | 313 |
| 21-Jul | 25 | 27 | 6 | 4,476 | 1 | 77 | 510 |
| 22-Jul | 26 | 28 | 0 | 2,662 | 0 | 104 | 500 |
| 23-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 24-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 26-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 28-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1-Aug | 17 | 17 | 0 | 1,728 | 21 | 149 | 108 |
| 2-Aug | 36 | 38 | 3 | 4,930 | 27 | 836 | 431 |
| 3-Aug | 26 | 26 | 0 | 2,731 | 15 | 648 | 357 |
| 4-Aug | 23 | 26 | 0 | 1,972 | 33 | 672 | 268 |
| 5-Aug | 42 | 43 | 1 | 5,797 | 281 | 2,050 | 424 |
| 6-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Aug | 19 | 19 | 0 | 3,510 | 101 | 0 | 27 |
| 20-Aug | 46 | 49 | 0 | 11,826 | 371 | 18 | 161 |
| 21-Aug | 35 | 38 | 1 | 7,439 | 367 | 0 | 81 |
| 22-Aug | 20 | 23 | 1 | 3,585 | 305 | 44 | 17 |
| 23-Aug | 13 | 13 | 0 | 1,050 | 92 | 0 | 8 |
| 24-Aug | 25 | 26 | 0 | 4,892 | 86 | 0 | 13 |
| 25-Aug | 5 | 5 | 0 | 266 | 7 | 0 | 0 |
| 26-Aug | * | * | * | * | * | * | * |
| 27-Aug | 38 | 45 | 1 | 18,814 | 598 | 0 | 41 |
| 28-Aug | 22 | 23 | 0 | 6,101 | 738 | 0 | 45 |
| 29-Aug | 15 | 16 | 0 | 2,850 | 308 | 0 | 9 |
| 30-Aug | 10 | 10 | 0 | 435 | 165 | 0 | 8 |
| 31-Aug | 26 | 26 | 0 | 6,616 | 1,250 | 0 | 36 |

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Table 8. (page 3 of 3)

| Catch Date | Permits | Landings | Number of Fish | | | | |
|------------|---------|----------|----------------|---------|-------|-------|--------|
| | | | Chinook | Sockeye | Coho | Pink | Chum |
| 1-Sep | 21 | 23 | 0 | 3,410 | 439 | 0 | 24 |
| 2-Sep | 3 | 3 | 0 | 612 | 169 | 0 | 1 |
| 3-Sep | 6 | 6 | 0 | 1,129 | 117 | 0 | 9 |
| 4-Sep | * | * | * | * | * | * | * |
| 5-Sep | * | * | * | * | * | * | * |
| 6-Sep | * | * | * | * | * | * | * |
| 7-Sep | 10 | 10 | 0 | 2,776 | 150 | 0 | 11 |
| 8-Sep | 7 | 7 | 0 | 2,567 | 102 | 0 | 3 |
| 9-Sep | 4 | 4 | 0 | 1,095 | 30 | 0 | 5 |
| 10-Sep | * | * | * | * | * | * | * |
| 11-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16-Sep | * | * | * | * | * | * | * |
| 17-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21-Sep | * | * | * | * | * | * | * |
| 22-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 24-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 26-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27-Sep | * | * | * | * | * | * | * |
| Total | 143 | 1,193 | 831 | 251,327 | 6,011 | 5,305 | 11,731 |

* Due to confidentiality rules this information may not be released.

Table 9. Northern District sockeye salmon runs, 1962 - 1998^a.

| Year | | Outer Port Heiden ^o and Cinder River | Inner Port Heiden | Three Hills and Inlik | Bear River | Port Moller Bight & Herendeen- Moller Bay | Nelson Lagoon | Caribou Flats & Black Hills | Northern District Totals |
|------|------------|---|-------------------------|--------------------------|---------------|--|------------------|-----------------------------------|--------------------------------|
| 1962 | Catch | 900 | 17,800 | 9,700 | 142,900 | 0 | 69,600 | 0 | 240,900 |
| | Escapement | 5,000 | 19,000 ^c | 5,900 | 215,000 | 100 | 54,200 | 1,000 | 300,200 |
| | Total | 5,900 | 36,800 ^c | 15,600 | 357,900 | 100 | 123,800 | 1,000 | 541,100 |
| 1963 | Catch | 0 | 0 | 26,600 | 120,000 | 0 | 71,500 | 0 | 218,100 |
| | Escapement | 1,400 | 14,200 ^c | 10,400 | 238,600 | 100 | 31,000 | 1,300 ^c | 297,000 |
| | Total | 1,400 | 14,200 ^c | 37,000 | 358,600 | 100 | 102,500 | 1,300 ^c | 515,100 |
| 1964 | Catch | 0 | 6,300 | 33,300 | 107,500 | 0 | 88,700 | 0 | 235,800 |
| | Escapement | 1,500 | 10,000 | 6,500 ^c | 250,200 | 200 | 80,000 | 1,500 | 349,900 |
| | Total | 1,500 | 16,300 | 39,800 | 357,700 | 200 | 168,700 | 1,500 | 585,700 |
| 1965 | Catch | 0 | 9,700 | 58,400 | 62,400 | 100 | 53,800 | 0 | 184,400 |
| | Escapement | 7,500 | 30,000 | 12,500 ^c | 137,000 | 0 | 37,000 | 500 | 224,500 |
| | Total | 7,500 | 39,700 | 70,900 ^c | 199,400 | 100 | 90,800 | 500 | 408,900 |
| 1966 | Catch | 0 | 8,000 | 11,000 | 152,600 | 0 | 60,000 | 0 | 231,600 |
| | Escapement | 3,000 | 11,700 ^c | 24,300 | 185,000 | 600 | 36,500 | 2,300 | 263,400 |
| | Total | 3,000 | 19,700 ^c | 35,300 | 337,600 | 600 | 96,500 | 2,300 | 495,000 |
| 1967 | Catch | 0 | 3,100 | 0 | 156,100 | 12,500 | 40,200 | 0 | 211,900 |
| | Escapement | 3,800 ^c | 12,000 ^c | 26,400 | 200,000 | 200 | 42,000 | 500 ^c | 284,900 |
| | Total | 3,800 ^c | 15,100 ^c | 26,400 | 356,100 | 12,700 | 82,200 | 500 ^c | 496,800 |
| 1968 | Catch | 0 | 0 | 78,600 | 90,500 | 3,400 | 51,100 | 0 | 223,600 |
| | Escapement | 4,100 | 15,000 ^c | 15,000 ^c | 166,000 | 400 | 31,000 | 2,000 ^c | 233,500 |
| | Total | 4,100 | 15,000 ^c | 93,600 ^c | 256,500 | 3,800 | 82,100 | 2,000 ^c | 457,100 |
| 1969 | Catch | 0 | 5,200 | 24,000 | 205,500 | 4,400 | 72,800 | 0 | 311,900 |
| | Escapement | 3,800 ^c | 15,000 ^c | 15,600 ^c | 406,000 | 100 | 78,500 | 2,500 ^c | 521,500 |
| | Total | 3,800 ^c | 20,200 ^c | 39,600 ^c | 611,500 | 4,500 | 151,300 | 2,500 ^c | 833,400 |
| 1970 | Catch | 0 | 0 | 21,000 | 113,700 | 1,700 | 52,000 | 0 | 188,400 |
| | Escapement | 1,500 | 14,100 | 16,100 | 294,000 | 0 | 82,400 | 1,400 | 409,500 |
| | Total | 1,500 | 14,100 | 37,100 | 407,700 | 1,700 | 134,400 | 1,400 | 597,900 |
| 1971 | Catch | 0 | 0 | 57,100 | 238,600 | 1,300 | 47,500 | 0 | 344,500 |
| | Escapement | 2,000 | 30,800 | 26,500 | 281,000 | 200 | 60,100 | 500 | 401,100 |
| | Total | 2,000 | 30,800 | 83,600 | 519,600 | 1,500 | 107,600 | 500 | 745,600 |
| 1972 | Catch | 0 | 0 | 12,000 | 136,200 | 1,000 | 23,200 | 0 | 172,400 |
| | Escapement | 400 | 3,500 | 13,100 | 135,400 | 0 | 28,000 | 0 | 180,400 |
| | Total | 400 | 3,500 | 25,100 | 271,600 | 1,000 | 51,200 | 0 | 352,800 |
| 1973 | Catch | 0 | 0 | 16,700 | 117,700 | 3,300 | 23,900 | 0 | 161,600 |
| | Escapement | 1,200 | 7,200 | 16,000 | 130,100 | 0 | 18,700 | 0 | 173,200 |
| | Total | 1,200 | 7,200 | 32,700 | 247,800 | 3,300 | 42,600 | 0 | 334,800 |

-Continued-

Table 9. (page 2 of 4)

| Year | | Outer Port Heiden ^b and Cinder River | Inner Port Heiden | Three Hills and Inik | Port Moller | | | Caribou Flats & Black Hills | Northern District Totals |
|------|------------|---|-------------------------|-------------------------|---------------|-------------------------------------|------------------|-----------------------------------|--------------------------------|
| | | | | | Bear River | Bight & Herendeen- Moller Bay | Nelson Lagoon | | |
| 1974 | Catch | 0 | 0 | 50,700 | 157,500 | 7,700 | 25,600 | 0 | 241,500 |
| | Escapement | 1,300 | 1,400 | 14,600 | 266,500 | 0 | 39,900 | 1,800 | 325,500 |
| | Total | 1,300 | 1,400 | 65,300 | 424,000 | 7,700 | 65,500 | 1,800 | 567,000 |
| 1975 | Catch | 0 | 600 | 8,700 | 165,700 | 3,700 | 51,500 | 0 | 230,200 |
| | Escapement | 900 | 5,100 | 40,800 | 310,000 | 100 | 138,600 | 2,000 | 497,500 |
| | Total | 900 | 5,700 | 49,500 | 475,700 | 3,800 | 190,100 | 2,000 | 727,700 |
| 1976 | Catch | 0 | 5,000 | 219,700 | 310,900 | 9,900 | 74,900 | 0 | 620,400 |
| | Escapement | 6,300 | 30,300 | 15,700 | 328,000 | 500 | 108,900 | 7,400 | 497,100 |
| | Total | 6,300 | 35,300 | 235,400 | 638,900 | 10,400 | 183,800 | 7,400 | 1,117,500 |
| 1977 | Catch | 0 | 3,400 | 97,900 | 268,700 | 11,100 | 56,300 | 0 | 437,400 |
| | Escapement | 3,900 | 23,600 | 20,700 | 265,200 | 13,500 | 155,000 | 4,100 | 486,000 |
| | Total | 3,900 | 27,000 | 118,600 | 533,900 | 24,600 | 211,300 | 4,100 | 923,400 |
| 1978 | Catch | 0 | 800 | 32,200 | 556,400 | 53,700 | 213,400 | 0 | 856,500 |
| | Escapement | 3,800 | 18,800 | 21,200 | 814,000 | 4,900 | 304,300 | 1,500 | 1,168,500 |
| | Total | 3,800 | 19,600 | 53,400 | 1,370,400 | 58,600 | 517,700 | 1,500 | 2,025,000 |
| 1979 | Catch | 100 | 36,900 | 194,400 | 1,320,900 | 32,100 | 320,900 | 0 | 1,905,300 |
| | Escapement | 6,000 | 46,700 ^c | 97,500 | 1,013,000 | 5,000 | 360,100 | 3,000 | 1,531,300 |
| | Total | 6,100 | 83,600 ^c | 291,900 | 2,333,900 | 37,100 | 681,000 | 3,000 | 3,436,600 |
| 1980 | Catch | 0 | 24,600 | 252,200 | 741,900 | 10,500 | 318,500 | 0 | 1,347,700 |
| | Escapement | 30,000 | 47,000 ^c | 100,000 ^c | 751,000 | 1,500 | 352,600 | 3,900 | 1,286,000 |
| | Total | 30,000 | 71,600 ^c | 352,200 ^c | 1,492,900 | 12,000 | 671,100 | 3,900 | 2,633,700 |
| 1981 | Catch | 0 | 3,800 | 68,900 | 1,327,200 | 18,600 | 374,700 | 0 | 1,793,200 |
| | Escapement | 100,000 | 26,600 ^c | 151,000 ^c | 741,500 | 600 | 251,000 | 4,000 ^c | 1,274,700 |
| | Total | 100,000 | 30,400 ^c | 219,900 ^c | 2,068,700 | 19,200 | 625,700 | 4,000 ^c | 3,067,900 |
| 1982 | Catch | 0 | 8,800 | 142,500 | 1,009,300 | 11,300 | 229,200 | 400 | 1,401,500 |
| | Escapement | 13,000 ^c | 62,000 ^c | 43,000 ^c | 361,300 | 500 | 179,600 | 6,000 | 665,400 |
| | Total | 13,000 ^c | 70,800 ^c | 185,500 ^c | 1,370,600 | 11,800 | 408,800 | 6,400 | 2,066,900 |
| 1983 | Catch | 100 | 100 | 729,600 | 1,126,200 | 15,000 | 192,900 | 0 | 2,063,900 |
| | Escapement | 9,000 | 8,600 | 40,100 | 358,000 | 500 | 128,800 | 2,600 | 547,600 |
| | Total | 9,100 | 8,700 | 769,700 | 1,484,200 | 15,500 | 321,700 | 2,600 | 2,611,500 |

-Continued-

Table 9. (page 3 of 4)

| Year | | Outer Port Heiden ^p and Cinder River | Inner Port Heiden | Three Hills and Ilnik | Bear River | Port Moller Bight & Herendeen-Moller Bay | Nelson Lagoon | Caribou Flats & Black Hills | Northern District Totals |
|------|------------|---|-------------------|-----------------------|------------|--|---------------|-----------------------------|--------------------------|
| 1984 | Catch | 0 | 1,700 | 743,700 | 637,400 | 31,400 | 118,800 | 0 | 1,533,000 |
| | Escapement | 16,000 | 31,100 | 22,300 | 414,000 | 700 | 251,000 | 600 | 735,700 |
| | Catch | 16,000 | 32,800 | 766,000 | 1,051,400 | 32,100 | 369,800 | 600 | 2,268,700 |
| 1985 | Catch | 300 | 5,100 | 978,200 | 821,300 | 4,500 | 703,500 | 0 | 2,512,900 |
| | Escapement | 12,600 | 45,500 | 22,700 | 451,500 | 700 | 314,800 | 3,700 | 851,500 |
| | Total | 12,900 | 50,600 | 1,000,900 | 1,272,800 | 5,200 | 1,018,300 | 3,700 | 3,364,400 |
| 1986 | Catch | 700 | 38,000 | 1,148,800 | 938,200 | 1,300 | 178,400 | 0 | 2,305,400 |
| | Escapement | 25,700 | 26,400 | 66,900 | 279,400 | 300 | 117,900 | 2,300 | 518,900 |
| | Total | 26,400 | 64,400 | 1,215,700 | 1,217,600 | 1,600 | 296,300 | 2,300 | 2,824,300 |
| 1987 | Catch | 200 | 2,400 | 719,400 | 214,000 | 700 | 128,500 | 100 | 1,065,300 |
| | Escapement | 15,300 | 28,300 | 30,700 | 266,700 | 700 | 155,700 | 8,700 | 506,100 |
| | Total | 15,500 | 30,700 | 750,100 | 480,700 | 1,400 | 284,200 | 8,800 | 1,571,400 |
| 1988 | Catch | 600 | 10,000 | 753,600 | 495,000 | 3,900 | 186,600 | 0 | 1,449,700 |
| | Escapement | 2,000 | 35,900 | 26,900 | 347,500 | 400 | 142,500 | 6,900 | 562,100 |
| | Total | 2,600 | 46,900 | 780,500 | 842,500 | 4,300 | 329,100 | 6,900 | 2,011,800 |
| 1989 | Catch | 3,000 | 13,400 | 749,000 | 557,800 | 5,700 | 325,000 | 14,300 | 1,668,200 |
| | Escapement | 4,000 | 11,200 | 16,700 | 487,000 | 500 | 206,800 | 7,600 | 733,800 |
| | Total | 7,000 | 24,600 | 765,700 | 1,044,800 | 6,200 | 531,800 | 21,900 | 2,402,000 |
| 1990 | Catch | 1,200 | 9,700 | 942,900 | 876,200 | 4,300 | 410,400 | 13,300 | 2,258,000 |
| | Escapement | 14,000 | 26,800 | 35,800 | 564,300 | 400 | 269,200 | 5,700 | 916,200 |
| | Total | 15,200 | 36,500 | 978,700 | 1,440,500 | 4,700 | 679,600 | 19,000 | 3,174,200 |
| 1991 | Catch | 300 | 5,400 | 864,900 | 1,044,700 | 4,600 | 274,000 | 16,400 | 2,210,300 |
| | Escapement | 47,400 | 26,500 | 135,200 | 681,200 | 500 ^o | 279,200 | 9,000 | 1,179,000 |
| | Total | 47,700 | 31,900 | 1,000,100 | 1,725,900 | 5,100 | 553,200 | 25,400 | 3,389,300 |
| 1992 | Catch | 4,500 | 8,000 | 1,700,200 | 1,398,300 | 5,900 | 378,700 | 900 | 3,496,500 |
| | Escapement | 15,200 | 33,100 | 45,100 | 471,200 | 200 | 179,700 | 16,600 | 761,100 |
| | Total | 19,700 | 41,100 | 1,745,300 | 1,869,500 | 6,100 | 558,400 | 17,500 | 4,257,600 |

-Continued-

Table 9. (page 4 of 4)

| Year | | Outer Port Heiden ^a and Cinder River | Inner Port Heiden | Three Hills and Inik | Bear River | Port Moller Bight & Herendeen-Moller Bay | Nelson Lagoon | Caribou Flats & Black Hills | Northern District Totals |
|-----------------|------------|---|---------------------|----------------------|------------|--|---------------|-----------------------------|--------------------------|
| 1993 | Catch | 8,900 | 500 | 1,280,100 | 2,041,800 | 10,000 | 452,900 | 4,000 | 3,798,200 |
| | Escapement | 20,000 ^c | 50,000 ^c | 70,300 | 501,900 | 400 | 267,200 | 10,200 | 920,000 |
| | Total | 28,900 ^c | 50,500 ^c | 1,350,400 | 2,543,700 | 10,400 | 720,100 | 14,200 | 4,718,200 |
| 1994 | Catch | 5,200 | 600 | 1,320,500 | 1,059,000 | 2,200 | 329,200 | 1,200 | 2,717,900 |
| | Escapement | 83,400 | 44,900 | 75,300 | 581,200 | 400 | 333,400 | 5,100 | 1,123,700 |
| | Total | 88,600 | 45,500 | 1,395,800 | 1,640,200 | 2,600 | 662,600 | 6,300 | 3,841,600 |
| 1995 | Catch | 1,300 | 800 | 1,251,600 | 1,536,000 | 5,900 | 448,300 | 3,600 | 3,247,500 |
| | Escapement | 47,500 | 85,600 | 39,400 | 430,400 | 2,000 | 338,700 | 3,700 | 947,300 |
| | Total | 48,800 | 86,400 | 1,291,000 | 1,966,400 | 7,900 | 787,000 | 7,300 | 4,194,800 |
| 1996 | Catch | 3,700 | 3,600 | 801,300 | 592,400 | 1,500 | 445,300 | 5,100 | 1,852,900 |
| | Escapement | 60,000 ^c | 60,000 | 62,500 | 431,100 | 6,000 | 257,000 | 8,500 | 885,100 |
| | Total | 63,700 ^c | 63,600 | 863,800 | 1,023,500 | 7,500 | 702,300 | 13,600 | 2,738,000 |
| 1997 | Catch | 8,300 | 2,200 | 1,025,300 | 643,000 | 8,600 | 384,400 | 20,700 | 2,092,500 |
| | Escapement | 33,000 | 40,000 ^c | 83,400 | 398,000 | 900 | 190,100 | 6,100 | 751,500 |
| | Total | 41,300 | 42,200 | 1,108,700 | 1,041,000 | 9,500 | 574,500 | 26,800 | 2,844,000 |
| 1998 | Catch | 8,300 | 200 | 577,400 | 251,300 | 800 | 161,400 | 36,700 | 1,036,100 |
| | Escapement | 57,000 | 59,200 | 50,900 | 469,100 | 700 | 165,300 | 7,700 | 809,900 |
| | Total | 65,300 | 59,400 | 628,300 | 720,400 | 1,500 | 326,700 | 44,400 | 1,846,000 |
| 1988-97 Average | | | | | | | | | |
| | Catch | 3,700 | 5,420 | 1,068,940 | 1,024,420 | 5,260 | 363,480 | 7,950 | 2,479,170 |
| | Escapement | 32,650 | 41,400 | 59,060 | 489,380 | 1,170 | 246,380 | 7,940 | 877,980 |
| | Total | 36,350 | 46,920 | 1,128,000 | 1,513,800 | 6,430 | 609,860 | 15,890 | 3,357,150 |

^a Except for Bear and Nelson Rivers where weir and tower counts are used, escapements are indexed totals.

^b Outer Port Heiden Section catches occurred only between 1986 and 1989. This section has been closed since 1989.

^c These figures are extrapolated estimates.

Table 10. Three Hills Section salmon harvest by species and day, 1998.

| Catch Date | Permits | Landings | Number of Fish | | | | |
|------------|---------|----------|----------------|---------|------|------|------|
| | | | Chinook | Sockeye | Coho | Pink | Chum |
| 25-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 26-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 28-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30-Jun | 43 | 48 | 162 | 15,192 | 0 | 0 | 56 |
| 1-Jul | 51 | 66 | 35 | 15,581 | 2 | 0 | 35 |
| 2-Jul | 13 | 13 | 8 | 648 | 0 | 0 | 70 |
| 3-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7-Jul | * | * | * | * | * | * | * |
| 8-Jul | 5 | 5 | 1 | 1,554 | 0 | 1 | 3 |
| 9-Jul | * | * | * | * | * | * | * |
| 10-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16-Jul | 5 | 5 | 1 | 758 | 0 | 7 | 74 |
| 17-Jul | 10 | 11 | 7 | 3,408 | 1 | 95 | 387 |
| 18-Jul | * | * | * | * | * | * | * |
| 19-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Jul | * | * | * | * | * | * | * |
| 21-Jul | 5 | 5 | 0 | 919 | 6 | 34 | 52 |
| 22-Jul | 9 | 9 | 0 | 783 | 6 | 17 | 35 |
| 23-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 24-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 26-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 28-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2-Aug | 21 | 22 | 3 | 5,208 | 23 | 610 | 182 |
| 3-Aug | 12 | 12 | 0 | 1,860 | 39 | 505 | 56 |
| 4-Aug | 14 | 14 | 0 | 2,381 | 45 | 622 | 38 |
| 5-Aug | 12 | 12 | 0 | 1,754 | 80 | 321 | 108 |
| 6-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

-Continued-

Table 10. (page 2 of 2)

| Catch Date | Permits | Landings | Number of Fish | | | | |
|--------------|------------|------------|----------------|----------------|---------------|--------------|--------------|
| | | | Chinook | Sockeye | Coho | Pink | Chum |
| 10-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Aug | * | * | * | * | * | * | * |
| 20-Aug | 4 | 4 | 0 | 1,805 | 260 | 0 | 15 |
| 21-Aug | 25 | 25 | 1 | 9,170 | 1,055 | 0 | 40 |
| 22-Aug | * | * | * | * | * | * | * |
| 23-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 24-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25-Aug | * | * | * | * | * | * | * |
| 26-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27-Aug | * | * | * | * | * | * | * |
| 28-Aug | 6 | 6 | 0 | 1,713 | 225 | 0 | 7 |
| 29-Aug | 12 | 12 | 0 | 3,558 | 652 | 0 | 5 |
| 30-Aug | 32 | 32 | 0 | 4,942 | 1,242 | 0 | 9 |
| 31-Aug | 10 | 10 | 0 | 1,703 | 448 | 0 | 19 |
| 1-Sep | 8 | 9 | 0 | 4,316 | 495 | 0 | 14 |
| 2-Sep | 8 | 8 | 0 | 3,717 | 565 | 0 | 3 |
| 3-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4-Sep | 5 | 5 | 0 | 824 | 553 | 0 | 11 |
| 5-Sep | 6 | 6 | 0 | 635 | 403 | 0 | 0 |
| 6-Sep | 27 | 27 | 0 | 4,328 | 1,514 | 0 | 41 |
| 7-Sep | 13 | 13 | 0 | 5,850 | 1,026 | 0 | 14 |
| 8-Sep | 14 | 14 | 0 | 8,270 | 1,258 | 0 | 9 |
| 9-Sep | 6 | 6 | 0 | 1,594 | 167 | 0 | 2 |
| 10-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 119 | 413 | 219 | 106,856 | 10,221 | 2,266 | 1,336 |

* Due to confidentiality rules this information may not be released.

Table 11. Innik Section salmon harvest by species and day, 1998.

| Catch Date | Permits | Landings | Number of Fish | | | | |
|---------------|---------|----------|----------------|---------|------|-------|------|
| | | | Chinook | Sockeye | Coho | Pink | Chum |
| 22-Jun | * | * | * | * | * | * | * |
| 23-Jun | * | * | * | * | * | * | * |
| 24-Jun | * | * | * | * | * | * | * |
| 25-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 26-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 28-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8-Jul | 60 | 61 | 25 | 17,414 | 1 | 3 | 120 |
| 9-Jul | 106 | 133 | 16 | 50,469 | 9 | 34 | 484 |
| 10-Jul | 102 | 137 | 28 | 45,395 | 7 | 46 | 593 |
| 11-Jul | 94 | 116 | 11 | 28,145 | 7 | 61 | 476 |
| 12-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13-Jul | 78 | 80 | 9 | 22,559 | 17 | 62 | 316 |
| 14-Jul | 93 | 116 | 8 | 36,436 | 20 | 80 | 273 |
| 15-Jul | 101 | 118 | 20 | 33,960 | 27 | 85 | 305 |
| 16-Jul | 91 | 145 | 19 | 37,321 | 684 | 63 | 320 |
| 17-Jul | 48 | 60 | 4 | 17,322 | 15 | 100 | 207 |
| 18-Jul | 59 | 61 | 6 | 15,157 | 47 | 53 | 201 |
| 19-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Jul | 60 | 61 | 6 | 15,452 | 115 | 53 | 257 |
| 21-Jul | 70 | 78 | 2 | 13,769 | 80 | 128 | 194 |
| 22-Jul | 78 | 96 | 7 | 10,825 | 125 | 317 | 272 |
| 23-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 24-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 26-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 28-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2-Aug | 13 | 13 | 3 | 3,361 | 96 | 121 | 41 |
| 3-Aug | 31 | 39 | 0 | 9,041 | 117 | 416 | 46 |
| 4-Aug | 44 | 47 | 2 | 10,503 | 278 | 1,052 | 94 |
| 5-Aug | 26 | 28 | 1 | 6,766 | 490 | 289 | 30 |
| 6-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

-Continued-

Table 11. (page 2 of 2)

| Catch Date | Permits | Landings | Number of Fish | | | | | |
|---------------|---------|----------|----------------|---------|--------|-------|-------|---|
| | | | Chinook | Sockeye | Coho | Pink | Chum | |
| 7-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Aug | 16 | 16 | 1 | 5,102 | 640 | 0 | 13 | |
| 21-Aug | 18 | 18 | 0 | 7,434 | 831 | 0 | 34 | |
| 22-Aug | 49 | 70 | 0 | 17,153 | 3,429 | 0 | 64 | |
| 23-Aug | 2 | 2 | 0 | 586 | 74 | 0 | 2 | |
| 24-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 25-Aug | * | * | * | * | * | * | * | |
| 26-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 27-Aug | 23 | 24 | 0 | 12,571 | 1,340 | 0 | 34 | |
| 28-Aug | 23 | 23 | 0 | 11,110 | 1,903 | 0 | 6 | |
| 29-Aug | 19 | 19 | 0 | 5,117 | 1,185 | 0 | 3 | |
| 30-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 31-Aug | 2 | 2 | 0 | 184 | 49 | 0 | 0 | |
| 1-Sep | * | * | * | * | * | * | * | |
| 2-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 3-Sep | 44 | 46 | 0 | 14,289 | 3,548 | 0 | 28 | |
| 4-Sep | 42 | 42 | 0 | 12,447 | 4,783 | 0 | 21 | |
| 5-Sep | 39 | 39 | 0 | 6,689 | 3,345 | 0 | 6 | |
| 6-Sep | 2 | 2 | 0 | 297 | 75 | 0 | 0 | |
| 7-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 8-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 9-Sep | 7 | 7 | 0 | 1,789 | 376 | 0 | 3 | |
| 10-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 11-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 12-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 13-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 14-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 15-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Total | 137 | 1,704 | 169 | 470,560 | 23,886 | 2,963 | 4,445 | |

* Due to confidentiality rules this information may not be released.

Table 12. Port Moller Bight, Bear River, Three Hills, and Ilnik Sections combined salmon harvest by species and day, 1998.

| Catch Date | Permits | Landings | Number of Fish | | | | |
|------------|---------|----------|----------------|---------|------|------|-------|
| | | | Chinook | Sockeye | Coho | Pink | Chum |
| 1-Jun | 6 | 6 | 52 | 37 | 0 | 0 | 35 |
| 2-Jun | * | * | * | * | * | * | * |
| 3-Jun | * | * | * | * | * | * | * |
| 4-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8-Jun | * | * | * | * | * | * | * |
| 9-Jun | * | * | * | * | * | * | * |
| 10-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16-Jun | 8 | 8 | 173 | 840 | 0 | 0 | 12 |
| 17-Jun | 7 | 9 | 169 | 1,506 | 0 | 0 | 133 |
| 18-Jun | * | * | * | * | * | * | * |
| 19-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-Jun | * | * | * | * | * | * | * |
| 23-Jun | * | * | * | * | * | * | * |
| 24-Jun | * | * | * | * | * | * | * |
| 25-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 26-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 28-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30-Jun | 71 | 86 | 308 | 28,615 | 0 | 2 | 297 |
| 1-Jul | 101 | 127 | 131 | 26,744 | 2 | 20 | 346 |
| 2-Jul | 60 | 65 | 30 | 7,241 | 0 | 1 | 185 |
| 3-Jul | 67 | 79 | 28 | 16,116 | 0 | 2 | 226 |
| 4-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7-Jul | 23 | 23 | 4 | 2,624 | 0 | 0 | 19 |
| 8-Jul | 102 | 128 | 45 | 35,358 | 2 | 28 | 524 |
| 9-Jul | 131 | 164 | 20 | 62,488 | 9 | 58 | 1,009 |
| 10-Jul | 130 | 167 | 34 | 54,378 | 7 | 76 | 1,494 |
| 11-Jul | 131 | 160 | 15 | 36,811 | 7 | 129 | 1,694 |
| 12-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13-Jul | 104 | 111 | 12 | 34,173 | 18 | 168 | 1,301 |
| 14-Jul | 117 | 142 | 13 | 44,431 | 20 | 152 | 1,150 |

-Continued-

Table 12. (page 2 of 3)

| Catch Date | Permits | Landings | Number of Fish | | | | |
|------------|---------|----------|----------------|---------|-------|-------|-------|
| | | | Chinook | Sockeye | Coho | Pink | Chum |
| 15-Jul | 119 | 141 | 21 | 37,871 | 27 | 136 | 1,013 |
| 16-Jul | 117 | 176 | 26 | 42,099 | 684 | 142 | 1,196 |
| 17-Jul | 78 | 92 | 19 | 23,711 | 16 | 268 | 1,200 |
| 18-Jul | 96 | 99 | 12 | 20,370 | 59 | 198 | 625 |
| 19-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Jul | 89 | 90 | 6 | 22,256 | 116 | 127 | 596 |
| 21-Jul | 99 | 110 | 8 | 19,164 | 87 | 239 | 756 |
| 22-Jul | 109 | 133 | 7 | 14,270 | 131 | 438 | 807 |
| 23-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 24-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 26-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 28-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1-Aug | 17 | 17 | 0 | 1,728 | 21 | 149 | 108 |
| 2-Aug | 65 | 73 | 9 | 13,499 | 146 | 1,567 | 654 |
| 3-Aug | 66 | 77 | 0 | 13,632 | 171 | 1,569 | 459 |
| 4-Aug | 73 | 87 | 2 | 14,856 | 356 | 2,346 | 400 |
| 5-Aug | 75 | 83 | 2 | 14,317 | 851 | 2,660 | 562 |
| 6-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Aug | 20 | 20 | 0 | 3,872 | 121 | 0 | 27 |
| 20-Aug | 64 | 70 | 1 | 18,824 | 1,306 | 18 | 195 |
| 21-Aug | 78 | 82 | 2 | 24,109 | 2,291 | 0 | 163 |
| 22-Aug | 70 | 95 | 1 | 20,811 | 3,742 | 44 | 83 |
| 23-Aug | 15 | 15 | 0 | 1,636 | 166 | 0 | 10 |
| 24-Aug | 25 | 26 | 0 | 4,892 | 86 | 0 | 13 |
| 25-Aug | 6 | 7 | 0 | 770 | 87 | 0 | 2 |
| 26-Aug | * | * | * | * | * | * | * |
| 27-Aug | 63 | 72 | 1 | 33,105 | 2,068 | 0 | 80 |
| 28-Aug | 50 | 52 | 0 | 18,924 | 2,866 | 0 | 58 |

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Table 12. (page 3 of 3)

| Catch Date | Permits | Landings | Number of Fish | | | | |
|------------|---------|----------|----------------|---------|--------|--------|--------|
| | | | Chinook | Sockeye | Coho | Pink | Chum |
| 29-Aug | 45 | 47 | 0 | 11,525 | 2,145 | 0 | 17 |
| 30-Aug | 42 | 42 | 0 | 5,377 | 1,407 | 0 | 17 |
| 31-Aug | 38 | 38 | 0 | 8,503 | 1,747 | 0 | 55 |
| 1-Sep | 26 | 33 | 0 | 8,311 | 1,029 | 0 | 38 |
| 2-Sep | 11 | 11 | 0 | 4,329 | 734 | 0 | 4 |
| 3-Sep | 50 | 52 | 0 | 15,418 | 3,665 | 0 | 37 |
| 4-Sep | 48 | 48 | 0 | 13,304 | 5,339 | 0 | 32 |
| 5-Sep | 48 | 48 | 0 | 7,984 | 3,829 | 0 | 12 |
| 6-Sep | 30 | 31 | 0 | 4,762 | 1,624 | 0 | 43 |
| 7-Sep | 22 | 23 | 0 | 8,626 | 1,176 | 0 | 25 |
| 8-Sep | 21 | 21 | 0 | 10,837 | 1,360 | 0 | 12 |
| 9-Sep | 17 | 17 | 0 | 4,478 | 573 | 0 | 10 |
| 10-Sep | * | * | * | * | * | * | * |
| 11-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16-Sep | * | * | * | * | * | * | * |
| 17-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21-Sep | * | * | * | * | * | * | * |
| 22-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 24-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 26-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27-Sep | * | * | * | * | * | * | * |
| Total | 151 | 3,325 | 1,262 | 829,542 | 40,196 | 10,537 | 17,772 |

* Due to confidentiality rules this information may not be released.

Table 13. North Peninsula salmon harvest by species and day, 1998.

| Catch Date | Permits | Landings | Number of Fish | | | | |
|---------------|---------|----------|----------------|---------|------|------|-------|
| | | | Chinook | Sockeye | Coho | Pink | Chum |
| 1-Jun | 7 | 7 | 58 | 72 | 0 | 0 | 35 |
| 2-Jun | * | * | * | * | * | * | * |
| 3-Jun | 4 | 4 | 91 | 99 | 0 | 0 | 2 |
| 4-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8-Jun | 14 | 15 | 92 | 1,064 | 0 | 0 | 20 |
| 9-Jun | 12 | 14 | 77 | 1,022 | 0 | 0 | 3 |
| 10-Jun | 11 | 13 | 62 | 1,502 | 0 | 8 | 0 |
| 11-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15-Jun | 27 | 31 | 583 | 3,925 | 0 | 0 | 0 |
| 16-Jun | 31 | 34 | 753 | 2,835 | 0 | 0 | 31 |
| 17-Jun | 30 | 34 | 664 | 5,243 | 0 | 0 | 138 |
| 18-Jun | 19 | 19 | 152 | 3,051 | 0 | 0 | 5 |
| 19-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-Jun | 44 | 53 | 511 | 15,670 | 0 | 0 | 77 |
| 23-Jun | 38 | 39 | 236 | 12,999 | 0 | 0 | 17 |
| 24-Jun | 44 | 51 | 629 | 18,403 | 0 | 0 | 114 |
| 25-Jun | 36 | 39 | 234 | 11,676 | 0 | 0 | 37 |
| 26-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 28-Jun | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29-Jun | 33 | 44 | 229 | 13,570 | 0 | 0 | 47 |
| 30-Jun | 103 | 124 | 464 | 37,525 | 0 | 2 | 5,714 |
| 1-Jul | 128 | 154 | 310 | 31,877 | 2 | 20 | 1,687 |
| 2-Jul | 88 | 93 | 116 | 10,763 | 0 | 2 | 218 |
| 3-Jul | 68 | 80 | 78 | 16,529 | 0 | 2 | 451 |
| 4-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6-Jul | 28 | 32 | 57 | 11,115 | 0 | 0 | 0 |
| 7-Jul | 57 | 61 | 66 | 13,851 | 0 | 36 | 187 |
| 8-Jul | 135 | 164 | 80 | 45,309 | 2 | 89 | 769 |
| 9-Jul | 167 | 201 | 41 | 72,051 | 9 | 171 | 3,866 |
| 10-Jul | 136 | 173 | 37 | 56,655 | 7 | 160 | 2,930 |
| 11-Jul | 136 | 166 | 16 | 39,600 | 7 | 477 | 2,392 |
| 12-Jul | 5 | 5 | 1 | 2,511 | 0 | 157 | 140 |
| 13-Jul | 143 | 155 | 34 | 43,896 | 19 | 226 | 6,501 |
| 14-Jul | 156 | 183 | 26 | 52,370 | 66 | 304 | 2,730 |
| 15-Jul | 143 | 167 | 29 | 42,419 | 87 | 409 | 1,174 |
| 16-Jul | 144 | 204 | 34 | 44,644 | 690 | 285 | 4,913 |

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Table 13. (page 2 of 3)

| Catch Date | Permits | Landings | Number of Fish | | | | |
|---------------|---------|----------|----------------|---------|--------|-------|-------|
| | | | Chinook | Sockeye | Coho | Pink | Chum |
| 17-Jul | 78 | 92 | 19 | 23,711 | 16 | 268 | 1,200 |
| 18-Jul | 96 | 99 | 12 | 20,370 | 59 | 198 | 625 |
| 19-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Jul | 121 | 123 | 9 | 25,894 | 126 | 944 | 5,367 |
| 21-Jul | 134 | 145 | 31 | 23,693 | 89 | 1,170 | 3,966 |
| 22-Jul | 142 | 168 | 23 | 18,220 | 132 | 700 | 1,216 |
| 23-Jul | 26 | 26 | 22 | 3,666 | 3 | 71 | 258 |
| 24-Jul | 17 | 18 | 0 | 976 | 0 | 6 | 245 |
| 25-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 26-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27-Jul | 34 | 43 | 8 | 7,252 | 5 | 370 | 1,580 |
| 28-Jul | 38 | 45 | 8 | 8,961 | 69 | 1,810 | 1,936 |
| 29-Jul | 61 | 64 | 6 | 7,924 | 262 | 5,018 | 3,150 |
| 30-Jul | 32 | 32 | 2 | 7,335 | 50 | 571 | 2,832 |
| 31-Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1-Aug | 17 | 17 | 0 | 1,728 | 21 | 149 | 108 |
| 2-Aug | 65 | 73 | 9 | 13,499 | 146 | 1,567 | 654 |
| 3-Aug | 102 | 114 | 1 | 18,225 | 321 | 3,665 | 1,945 |
| 4-Aug | 100 | 114 | 2 | 18,084 | 467 | 2,544 | 1,688 |
| 5-Aug | 102 | 110 | 2 | 16,091 | 964 | 3,816 | 1,706 |
| 6-Aug | 30 | 30 | 0 | 2,860 | 163 | 4,668 | 804 |
| 7-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10-Aug | 83 | 86 | 0 | 5,491 | 1,815 | 1,388 | 1,629 |
| 11-Aug | 65 | 75 | 1 | 4,487 | 2,756 | 946 | 1,551 |
| 12-Aug | 59 | 69 | 0 | 2,983 | 3,168 | 1,025 | 825 |
| 13-Aug | 17 | 17 | 0 | 879 | 203 | 354 | 376 |
| 14-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16-Aug | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17-Aug | 4 | 4 | 0 | 3 | 293 | 0 | 0 |
| 18-Aug | 58 | 61 | 0 | 911 | 5,401 | 312 | 137 |
| 19-Aug | 55 | 55 | 0 | 4,282 | 4,735 | 191 | 58 |
| 20-Aug | 118 | 125 | 1 | 19,812 | 9,351 | 212 | 246 |
| 21-Aug | 78 | 82 | 2 | 24,109 | 2,291 | 0 | 163 |
| 22-Aug | 70 | 95 | 1 | 20,811 | 3,742 | 44 | 83 |
| 23-Aug | 15 | 15 | 0 | 1,636 | 166 | 0 | 10 |
| 24-Aug | 31 | 33 | 0 | 4,911 | 807 | 3 | 13 |
| 25-Aug | 20 | 21 | 0 | 877 | 1,706 | 0 | 11 |
| 26-Aug | 56 | 63 | 0 | 2,408 | 10,293 | 234 | 422 |
| 27-Aug | 84 | 94 | 1 | 33,318 | 5,918 | 0 | 103 |
| 28-Aug | 114 | 121 | 0 | 19,468 | 17,993 | 129 | 70 |
| 29-Aug | 45 | 47 | 0 | 11,525 | 2,145 | 0 | 17 |
| 30-Aug | 51 | 56 | 0 | 5,377 | 4,649 | 0 | 17 |
| 31-Aug | 72 | 72 | 0 | 8,550 | 7,105 | 0 | 64 |

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Table 13. (page 3 of 3)

| Catch Date | Permits | Landings | Number of Fish | | | | |
|------------|---------|----------|----------------|-----------|---------|--------|--------|
| | | | Chinook | Sockeye | Coho | Pink | Chum |
| 1-Sep | 57 | 67 | 0 | 8,638 | 9,959 | 84 | 38 |
| 2-Sep | 46 | 47 | 0 | 4,432 | 6,491 | 5 | 7 |
| 3-Sep | 69 | 71 | 0 | 15,474 | 7,356 | 0 | 38 |
| 4-Sep | 48 | 48 | 0 | 13,304 | 5,339 | 0 | 32 |
| 5-Sep | 48 | 48 | 0 | 7,984 | 3,829 | 0 | 12 |
| 6-Sep | 30 | 31 | 0 | 4,762 | 1,624 | 0 | 43 |
| 7-Sep | 41 | 43 | 0 | 8,904 | 6,496 | 0 | 38 |
| 8-Sep | 34 | 35 | 0 | 10,838 | 2,877 | 0 | 18 |
| 9-Sep | 22 | 22 | 0 | 4,478 | 663 | 0 | 11 |
| 10-Sep | 7 | 7 | 0 | 2,273 | 451 | 0 | 2 |
| 11-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16-Sep | * | * | * | * | * | * | * |
| 17-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21-Sep | * | * | * | * | * | * | * |
| 22-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 24-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 26-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27-Sep | * | * | * | * | * | * | * |
| 28-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30-Sep | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 263 | 5,288 | 5,928 | 1,087,552 | 134,724 | 34,810 | 69,516 |

* Due to confidentiality rules this information may not be released.

Table 14. Northwestern District pink salmon runs, 1962-1998^a.

| Year | | Izembek - Moffet Bay | Bechevin, Swanson Lagoon & Urilia Bays | Northwestern District Total |
|------|------------|-------------------------|--|-----------------------------------|
| 1962 | Catch | 0 | 30,800 | 30,800 |
| | Escapement | 0 | 4,000 | 4,000 |
| | Total | 0 | 34,800 | 34,800 |
| 1963 | Catch | 0 | 6,000 | 6,000 |
| | Escapement | 0 | 4,400 | 4,400 |
| | Total | 0 | 10,400 | 10,400 |
| 1964 | Catch | 100 | 6,700 | 6,800 |
| | Escapement | 0 | 15,000 ^b | 15,000 ^b |
| | Total | 100 | 21,700 | 21,800 |
| 1965 | Catch | 0 | 2,000 | 2,000 |
| | Escapement | 0 | 900 | 900 |
| | Total | 0 | 2,900 | 2,900 |
| 1966 | Catch | 0 | 16,000 | 16,000 |
| | Escapement | 400 | 1,300 | 1,700 |
| | Catch | 400 | 17,300 | 17,700 |
| 1967 | Catch | 0 | 300 | 300 |
| | Escapement | 200 | 500 | 700 |
| | Total | 200 | 800 | 1,000 |
| 1968 | Catch | 0 | 0 | 0 |
| | Escapement | 1,500 | 25,000 | 26,500 |
| | Total | 1,500 | 25,000 | 26,500 |
| 1969 | Catch | 0 | 0 | 0 |
| | Escapement | 2,300 | 2,100 | 4,400 |
| | Total | 2,300 | 2,100 | 4,400 |
| 1970 | Catch | 0 | 7,800 | 7,800 |
| | Escapement | 0 | 11,100 | 11,100 |
| | Total | 0 | 18,900 | 18,900 |
| 1971 | Catch | 0 | 300 | 300 |
| | Escapement | 100 | 8,400 | 8,500 |
| | Total | 100 | 8,700 | 8,800 |
| 1972 | Catch | 0 | 0 | 0 |
| | Escapement | 0 | 1,200 | 1,200 |
| | Total | 0 | 1,200 | 1,200 |

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Table 14. (page 2 of 4)

| Year | | Izembek - Moffet Bay | Bechevin, Swanson Lagoon & Urlia Bays | Northwestern District Total |
|------|------------|-------------------------|---|-----------------------------------|
| 1973 | Catch | 0 | 0 | 0 |
| | Escapement | 0 | 200 ^b | 200 ^b |
| | Total | 0 | 200 ^b | 200 ^b |
| 1974 | Catch | 0 | 10,300 | 10,300 |
| | Escapement | 0 | 23,000 ^b | 23,000 |
| | Total | 0 | 33,300 ^b | 33,300 ^b |
| 1975 | Catch | 0 | 0 | 0 ^b |
| | Escapement | 100 | 500 | 600 |
| | Total | 100 | 500 | 600 |
| 1976 | Catch | 0 | 0 | 0 |
| | Escapement | 100 | 37,200 | 37,300 |
| | Total | 100 | 37,200 | 37,300 |
| 1977 | Catch | 0 | 0 | 0 |
| | Escapement | 200 | 6,200 | 6,400 |
| | Total | 200 | 6,200 | 6,400 |
| 1978 | Catch | 2,200 | 465,600 | 467,800 |
| | Escapement | 0 | 90,400 | 90,400 |
| | Total | 2,200 | 556,000 | 558,200 |
| 1979 | Catch | 0 | 3,400 | 3,400 |
| | Escapement | 0 | 9,300 | 9,300 |
| | Total | 0 | 12,700 | 12,700 |
| 1980 | Catch | 0 | 297,900 | 297,900 |
| | Escapement | 0 | 94,000 | 94,000 |
| | Total | 0 | 391,900 | 391,900 |
| 1981 | Catch | 0 | 9,100 | 9,100 |
| | Escapement | 0 | 5,700 | 5,700 |
| | Total | 0 | 14,800 | 14,800 |
| 1982 | Catch | 0 | 5,100 | 5,100 |
| | Escapement | 200 | 51,500 | 51,700 |
| | Total | 200 | 56,600 | 56,800 |
| 1983 | Catch | 0 | 1,300 | 1,300 |
| | Escapement | 0 | 3,900 | 3,900 |
| | Total | 0 | 5,200 | 5,200 |

-Continued-

Table 14. (page 3 of 4)

| Year | | Izembek - Moffet Bay | Bechevin, Swanson Lagoon & Urilia Bays | Northwestern District Total |
|------|------------|-------------------------|--|-----------------------------------|
| 1984 | Catch | 100 | 9,700 | 9,800 |
| | Escapement | 0 | 33,000 | 33,000 |
| | Total | 100 | 42,700 | 42,800 |
| 1985 | Catch | 0 | 1,900 | 1,900 |
| | Escapement | 0 | 1,400 | 1,400 |
| | Total | 0 | 3,300 | 3,300 |
| 1986 | Catch | 0 | 9,900 | 9,900 |
| | Escapement | 0 | 12,900 | 12,900 |
| | Total | 0 | 22,800 | 22,800 |
| 1987 | Catch | 0 | 800 | 800 |
| | Escapement | 0 | 1,100 | 1,100 |
| | Total | 0 | 1,900 | 1,900 |
| 1988 | Catch | 1,200 | 29,000 | 30,200 |
| | Escapement | 1,800 | 26,700 | 28,500 |
| | Total | 3,000 | 55,700 | 58,700 |
| 1989 | Catch | 0 | 3,200 | 3,200 |
| | Escapement | 0 | 1,900 | 1,900 |
| | Total | 0 | 5,100 | 5,100 |
| 1990 | Catch | 100 | 0 | 100 |
| | Escapement | 21,800 | 400 | 22,200 |
| | Total | 21,900 | 400 | 22,300 |
| 1991 | Catch | 0 | 3,400 | 3,400 |
| | Escapement | 0 | 1,200 | 1,200 |
| | Total | 0 | 4,600 | 4,600 |
| 1992 | Catch | 700 | 7,600 | 8,300 |
| | Escapement | 600 | 49,400 | 50,000 |
| | Total | 1,300 | 57,000 | 58,300 |
| 1993 | Catch | 0 | 100 | 100 |
| | Escapement | 0 | 700 | 700 |
| | Total | 0 | 800 | 800 |
| 1994 | Catch | 100 | 188,000 | 188,100 |
| | Escapement | 1,000 | 93,700 | 94,700 |
| | Total | 1,100 | 281,700 | 282,800 |

-Continued-

Table 14. (page 4 of 4)

| Year | | Izembek - Moffet Bay | Bechevin, Swanson Lagoon & Urilia Bays | Northwestern District Total |
|-----------------|------------|-------------------------|--|-----------------------------------|
| 1995 | Catch | 0 | 1,400 | 1,400 |
| | Escapement | 200 | 5,000 | 5,200 |
| | Total | 200 | 6,400 | 6,600 |
| 1996 | Catch | 600 | 2,600 | 3,200 |
| | Escapement | 19,200 | 197,400 | 216,600 |
| | Total | 19,800 | 200,000 | 219,800 |
| 1997 | Catch | 0 | 5,100 | 5,100 |
| | Escapement | 0 | 4,800 | 4,800 |
| | Total | 0 | 9,900 | 9,900 |
| 1998 | Catch | 200 | 15,900 | 16,100 |
| | Escapement | 9,000 | 120,500 | 129,500 |
| | Total | 9,200 | 136,400 | 145,600 |
| 1988-97 Average | | | | |
| | Catch | 270 | 24,040 | 24,310 |
| | Escapement | 4,460 | 38,120 | 42,580 |
| | Total | 4,730 | 62,160 | 66,890 |

^a Escapements are rounded indexed totals.

^b These figures are extrapolated estimates.

Table 15. Northern District chum salmon runs, 1962 - 1998^a.

| Year | | Cinder River | Port Heiden | Three Hills & Inik | 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 | 500 | 1,900 ^b | 1,500 ^b | 1,500 | 18,300 | 9,700 | 1,000 ^b | 34,400 |
| | Total | 700 | 10,500 ^b | 2,100 ^b | 8,500 | 18,300 | 13,400 | 1,000 ^b | 54,500 |
| 1963 | Catch | 0 | 0 | 700 | 600 | 0 | 4,100 | 0 | 5,400 |
| | Escapement | 1,200 | 7,400 ^b | 1,500 ^b | 3,000 ^b | 26,000 | 7,000 | 1,300 ^b | 47,000 |
| | Total | 1,200 | 7,400 ^b | 2,200 ^b | 3,600 ^b | 26,000 | 11,000 | 1,300 ^b | 53 |
| 1964 | Catch | 0 | 0 | 2,300 | 6,500 | 39,800 | 3,400 | 0 | 52,000 |
| | Escapement | 200 | 1,000 | 1,500 ^b | 3,000 | 35,900 | 2,000 | 1,000 ^b | 44,600 |
| | Total | 200 | 1,000 | 3,800 ^b | 9,500 | 75,700 | 5,400 | 1,000 ^b | 96,600 |
| 1965 | Catch | 0 | 800 | 2,300 | 1,500 | 13,600 | 2,200 | 0 | 20,400 |
| | Escapement | 0 | 8,500 | 1,500 ^b | 1,000 | 8,000 | 4,000 | 500 ^b | 23,500 |
| | Total | 0 | 9,300 | 3,800 ^b | 2,500 | 21,600 | 6,200 | 500 ^b | 43,900 |
| 1966 | Catch | 0 | 0 | 300 | 3,700 | 17,900 | 4,800 | 0 | 26,700 |
| | Escapement | 4,400 | 3,400 ^b | 1,500 ^b | 1,000 | 56,200 | 17,000 | 2,000 | 85,500 |
| | Total | 4,400 | 3,400 ^b | 1,800 ^b | 4,700 | 74,100 | 22 | 2,000 | 112,200 |
| 1967 | Catch | 0 | 0 | 0 | 13,600 | 2,400 | 5,100 | 0 | 21,100 |
| | Escapement | 2,500 | 3,000 | 9,600 | 2,500 | 25,000 | 29,800 | 2,000 ^b | 74,400 |
| | Total | 2,500 | 3,000 | 9,600 | 16,100 | 27,400 | 34,900 | 2,000 ^b | 95,500 |
| 1968 | Catch | 0 | 0 | 3,100 | 7,500 | 10,500 | 3,500 | 0 | 24,600 |
| | Escapement | 0 | 11,000 ^b | 0 | 9,500 | 47,700 | 18,100 | 2,000 | 88,300 |
| | Total | 0 | 11,000 ^b | 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 | 2,500 | 11,000 ^b | 1,500 ^b | 1,000 | 14,000 | 13,000 | 500 | 43,500 |
| | Total | 2,500 | 12,200 ^b | 2,800 ^b | 11,300 | 21,800 | 16,500 | 500 | 67,600 |
| 1970 | Catch | 0 | 0 | 1,200 | 14,400 | 12,200 | 7,700 | 0 | 35,500 |
| | Escapement | 1,300 | 22,000 | 500 | 2,000 | 42,800 | 36,000 | 1,500 ^b | 106,100 |
| | Total | 1,300 | 22,000 | 1,700 | 16,400 | 55,000 | 43,700 | 1,500 ^b | 141,600 |
| 1971 | Catch | 0 | 0 | 2,500 | 13,000 | 1,200 | 3,800 | 0 | 20,500 |
| | Escapement | 2,500 | 12,100 | 800 | 0 | 14,500 | 19,000 | 500 ^b | 49,400 |
| | Total | 2,500 | 12,100 | 3,300 | 13,000 | 15,700 | 22,800 | 500 ^b | 69,900 |
| 1972 | Catch | 0 | 0 | 800 | 14,000 | 7,400 | 3,200 | 0 | 25,400 |
| | Escapement | 5,300 | 12,200 | 500 | 3,700 | 8,000 | 16,800 | 500 ^b | 47,000 |
| | Total | 5,300 | 12,200 | 1,300 | 17,700 | 15,400 | 20,000 | 500 ^b | 72,400 |
| 1973 | Catch | 0 | 0 | 800 | 34,900 | 12,200 | 1,800 | 0 | 49,700 |
| | Escapement | 600 | 22,800 | 800 | 800 | 3,700 | 12,700 | 0 | 41,400 |
| | Total | 600 | 22,800 | 1,600 | 35,700 | 15,900 | 14,500 | 0 | 91,100 |
| 1974 | Catch | 0 | 0 | 1,300 | 15,100 | 3,200 | 500 | 0 | 20,100 |
| | Escapement | 4,600 | 4,500 | 0 | 1,500 | 3,700 | 8,300 | 400 | 23,000 |
| | Total | 4,600 | 4,500 | 1,300 | 16,600 | 6,900 | 8,800 | 400 | 43,100 |

-Continued-

Table 15. (page 2 of 3)

| Year | Cinder River | Port Heiden | Three Hills & Inik | Bear River | Pt. Moller Bight, Herendeen-Moller Bay | Nelson Lagoon | Caribou Flats & Black Hills | Northern District Totals |
|------------|---------------------|---------------------|---------------------|----------------------|--|---------------|-----------------------------|--------------------------|
| 1975 | | | | | | | | |
| Catch | 0 | 0 | 100 | 3,800 | 300 | 700 | 0 | 4,900 |
| Escapement | 300 | 1,500 | 2,000 | 2,000 | 7,300 | 4,500 | 0 | 17,600 |
| Total | 300 | 1,500 | 2,100 | 5,800 | 7,600 | 5,200 | 0 | 22,500 |
| 1976 | | | | | | | | |
| Catch | 0 | 1,100 | 2,900 | 12,300 | 5,500 | 5,800 | 0 | 27,600 |
| Escapement | 1,900 | 30,700 | 5,700 | 18,000 | 28,500 | 42,500 | 100 | 127,400 |
| Total | 1,900 | 31,800 | 8,600 | 30,300 | 34,000 | 48,300 | 100 | 155,000 |
| 1977 | | | | | | | | |
| Catch | 0 | 0 | 7,100 | 32,300 | 34,800 | 10,600 | 100 | 84,900 |
| Escapement | 1,700 ^o | 32,000 | 1,500 ^o | 17,000 | 108,500 | 83,300 | 1,500 | 245,500 |
| Total | 1,700 ^o | 32,000 | 8,600 ^o | 49,300 | 143,300 | 93,900 | 1,600 | 330,400 |
| 1978 | | | | | | | | |
| Catch | 0 | 0 | 1,200 | 14,600 | 6,600 | 10,300 | 0 | 32,700 |
| Escapement | 7,400 | 22,000 | 1,500 ^o | 15,500 ^o | 89,300 | 10,200 | 1,000 ^o | 146,900 |
| Total | 7,400 | 22,000 | 2,700 ^o | 30,100 ^o | 95,900 | 20,500 | 1,000 ^o | 179,600 |
| 1979 | | | | | | | | |
| Catch | 0 | 800 | 800 | 17,400 | 10,900 | 5,700 | 0 | 35,800 |
| Escapement | 3,600 ^o | 32,700 ^o | 0 | 7,000 | 30,600 | 37,000 | 4,000 | 114,900 |
| Total | 3,600 ^o | 33,500 ^o | 800 | 24,400 | 41,500 | 42,700 | 4,000 | 150,500 |
| 1980 | | | | | | | | |
| Catch | 0 | 2,600 | 29,800 | 161,700 | 58,600 | 80,100 | 0 | 332,800 |
| Escapement | 10,000 ^o | 33,700 ^o | 10,000 ^o | 20,000 ^o | 116,100 | 164,000 | 10,400 | 364,200 |
| Total | 10,000 ^o | 36,300 ^o | 39,800 ^o | 181,700 ^o | 174,700 | 244,100 | 10,400 | 697,000 |
| 1981 | | | | | | | | |
| Catch | 0 | 200 | 7,100 | 155,000 | 126,200 | 62,800 | 0 | 351,300 |
| Escapement | 11,800 ^o | 73,400 ^o | 11,000 ^o | 27,200 | 85,000 | 57,000 | 11,000 ^o | 276,400 |
| Total | 11,800 ^o | 73,600 | 18,100 ^o | 182,200 | 211,200 | 119,800 | 11,000 ^o | 627,700 |
| 1982 | | | | | | | | |
| Catch | 0 | 700 | 21,200 | 142,400 | 50,200 | 21,400 | 0 | 235,900 |
| Escapement | 5,500 ^o | 35,500 ^o | 1,000 | 42,400 | 152,000 | 29,100 | 2,000 ^o | 267,500 |
| Total | 5,500 ^o | 36,200 ^o | 22,200 | 184,800 | 202,200 | 50,500 | 2,000 ^o | 503,400 |
| 1983 | | | | | | | | |
| Catch | 0 | 0 | 26,100 | 87,700 | 51,300 | 14,000 | 0 | 179,100 |
| Escapement | 17,200 | 14,500 | 11,200 | 15,000 ^o | 126,000 | 14,000 | 1,200 | 199,100 |
| Total | 17,200 | 14,500 | 37,300 | 102,700 ^o | 177,300 | 28,000 | 1,200 | 378,200 |
| 1984 | | | | | | | | |
| Catch | 0 | 200 | 174,200 | 42,300 | 119,200 | 78,400 | 0 | 614,300 |
| Escapement | 13,000 | 85,000 | 4,000 | 7,000 | 241,300 | 49,000 | 10,000 | 409,300 |
| Total | 13,000 | 85,200 | 178,200 | 49,300 | 360,500 | 127,400 | 10,000 | 1,023,600 |
| 1985 | | | | | | | | |
| Catch | 0 | 0 | 86,600 | 68,300 | 262,000 | 6,600 | 0 | 423,500 |
| Escapement | 3,200 | 26,500 | 200 | 5,200 | 71,700 | 13,000 | 4,100 | 123,900 |
| Total | 3,200 | 26,500 | 86,800 | 73,500 | 333,700 | 19,600 | 4,100 | 547,400 |
| 1986 | | | | | | | | |
| Catch | 100 | 800 | 38,700 | 86,700 | 27,800 | 3,600 | 0 | 157,700 |
| Escapement | 2,200 | 12,000 | 0 | 6,400 | 55,800 | 800 | 700 | 77,900 |
| Total | 2,300 | 12,800 | 38,700 | 93,100 | 83,600 | 4,400 | 700 | 235,600 |
| 1987 | | | | | | | | |
| Catch | 0 | 1,000 | 48,000 | 85,500 | 14,200 | 6,700 | 0 | 155,400 |
| Escapement | 2,400 | 55,400 | 100 | 5,000 | 88,600 | 5,200 | 4,700 | 171,400 |
| Total | 12,400 | 56,400 | 48,100 | 90,500 | 102,800 | 11,900 | 4,700 | 326,800 |

-Continued-

Table 15. (page 3 of 3)

| Year | | Cinder River | Port Heiden | Three Hills & Ilnik | Bear River | Pt. Moller Bight, Herendeen-Moller Bay | Nelson Lagoon | Caribou Flats & Black Hills | Northern District Totals |
|---------|------------|---------------------|---------------------|---------------------|--------------------|--|--------------------|-----------------------------|--------------------------|
| 1988 | Catch | 0 | 4,800 | 47,800 | 73,700 | 75,800 | 12,600 | 0 | 214,700 |
| | Escapement | 5,300 | 41,600 | 100 | 3,000 | 76,500 | 11,000 | 6,600 | 144,100 |
| | Total | 5,300 | 46,400 | 47,900 | 76,700 | 152,300 | 23,600 | 6,600 | 358,800 |
| 1989 | Catch | 0 | 1,200 | 16,900 | 40,300 | 66,000 | 5,000 | 1,900 | 131,300 |
| | Escapement | 5,000 | 8,900 | 0 | 3,500 | 83,400 | 800 | 700 | 102,300 |
| | Total | 5,000 | 10,100 | 16,900 | 43,800 | 149,400 | 5,800 | 2,600 | 233,600 |
| 1990 | Catch | 100 | 300 | 7,700 | 26,900 | 57,500 | 2,200 | 800 | 95,500 |
| | Escapement | 4,000 | 7,000 | 200 ^a | 1,100 | 101,600 | 1,000 ^a | 700 | 115,600 |
| | Total | 4,100 | 7,300 | 7,900 | 28,000 | 159,100 | 3,200 | 1,500 | 211,100 |
| 1991 | Catch | 200 | 400 | 20,800 | 72,800 | 23,600 | 7,400 | 3,400 | 128,600 |
| | Escapement | 4,500 | 13,400 | 0 | 2,400 ^a | 55,000 | 5,000 ^a | 1,200 | 81,500 |
| | Total | 4,700 | 13,800 | 20,800 | 75,200 | 78,600 | 12,400 | 4,600 | 210,100 |
| 1992 | Catch | 400 | 1,200 | 29,300 | 62,200 | 135,900 | 7,700 | 200 | 236,900 |
| | Escapement | 5,000 | 22,100 | 300 | 500 | 89,700 | 16,200 | 2,600 | 136,400 |
| | Total | 5,400 | 23,300 | 29,600 | 62,700 | 225,600 | 23,900 | 2,800 | 373,300 |
| 1993 | Catch | 200 | 100 | 2,400 | 30,500 | 47,600 | 4,500 | 1,300 | 86,600 |
| | Escapement | 4,000 ^b | 11,000 ^b | 400 ^b | 5,700 | 156,700 | 4,400 | 1,200 | 183,400 |
| | Total | 4,200 ^b | 11,100 ^b | 2,800 ^b | 36,200 | 204,300 | 8,900 | 2,500 | 270,000 |
| 1994 | Catch | 0 | 300 | 44,700 | 25,700 | 900 | 4,000 | 200 | 43,554 |
| | Escapement | 24,400 | 30,000 | 300 ^b | 4,000 | 163,600 | 5,500 | 3,000 | 230,800 |
| | Total | 24,400 | 30,300 | 45,000 | 29,700 | 164,500 | 9,500 | 3,200 | 274,354 |
| 1995 | Catch | 100 | 100 | 28,200 | 36,900 | 2,500 | 4,600 | 300 | 72,700 |
| | Escapement | 13,900 | 91,800 | 1,100 | 2,200 | 230,600 | 5,200 | 3,000 | 347,800 |
| | Total | 14,000 | 91,900 | 29,300 | 39,100 | 233,100 | 9,800 | 3,300 | 420,500 |
| 1996 | Catch | 0 | 500 | 17,100 | 34,800 | 500 | 6,300 | 900 | 60,100 |
| | Escapement | 25,000 ^b | 50,000 ^b | 0 | 4,000 | 353,200 | 3,600 | 600 | 436,400 |
| | Total | 25,000 ^b | 50,500 ^b | 17,100 | 38,800 | 353,700 | 9,900 | 1,500 | 496,500 |
| 1997 | Catch | 100 | 0 | 9,200 | 31,200 | 4,500 | 3,800 | 2,400 | 51,200 |
| | Escapement | 30,500 | 61,000 ^b | 500 | 5,000 | 60,200 | 1,100 | 2,700 | 161,000 |
| | Total | 30,600 | 61,000 | 9,700 | 36,200 | 64,700 | 4,900 | 5,100 | 212,200 |
| 1998 | Catch | 1,000 | 0 | 5,800 | 11,700 | 300 | 9,100 | 9,600 | 51,200 |
| | Escapement | 55,000 | 35,900 | 4,300 | 24,500 | 250,800 | 9,000 | 900 | 161,000 |
| | Total | 56,000 | 35,900 | 10,100 | 36,200 | 251,100 | 18,100 | 10,500 | 212,200 |
| 1988-97 | Average | | | | | | | | |
| | Catch | 110 | 890 | 22,410 | 43,500 | 41,480 | 5,810 | 1,140 | 112,115 |
| | Escapement | 12,160 | 33,680 | 290 | 3,140 | 137,050 | 5,380 | 2,230 | 193,930 |
| | Total | 12,270 | 34,570 | 22,700 | 46,640 | 178,530 | 11,190 | 3,370 | 306,045 |

^a Escapements are indexed totals.

^b These figures are extrapolated estimates.

Table 16. Northwestern District chum salmon runs, 1962 - 1998^a.

| Year | | Izembek - Moffet Bay | Bechevin, Swanson Lagoon & Urilia Bays | Northwestern District Total |
|------|------------|-------------------------|--|-----------------------------------|
| 1962 | Catch | 6,200 | 8,500 | 14,700 |
| | Escapement | 68,000 | 48,000 | 116,500 |
| | Total | 74,200 | 57,000 | 131,200 |
| 1963 | Catch | 3,200 | 41,300 | 44,500 |
| | Escapement | 133,500 | 22,300 | 155,800 |
| | Total | 136,700 | 63,600 | 200,300 |
| 1964 | Catch | 60,200 | 25,700 | 85,900 |
| | Escapement | 95,500 | 16,000 ^b | 111,500 |
| | Total | 155,700 | 41,700 | 197,400 |
| 1965 | Catch | 4,700 | 44,600 | 49,300 |
| | Escapement | 24,000 | 1,800 ^b | 25,800 |
| | Total | 28,700 | 46,400 | 75,100 |
| 1966 | Catch | 8,900 | 47,200 | 56,100 |
| | Escapement | 54,000 | 10,000 | 64,000 |
| | Total | 62,900 | 57,200 | 120,100 |
| 1967 | Catch | 9,900 | 8,900 | 18,800 |
| | Escapement | 32,800 | 15,400 | 48,200 |
| | Total | 42,700 | 24,300 | 67,000 |
| 1968 | Catch | 48,800 | 200 | 49,000 |
| | Escapement | 142,700 | 19,800 | 162,500 |
| | Total | 191,500 | 20,000 | 211,500 |
| 1969 | Catch | 4,500 | 1,400 | 5,900 |
| | Escapement | 95,300 | 8,000 | 103,300 |
| | Total | 99,800 | 9,400 | 109,200 |
| 1970 | Catch | 10,000 | 2,400 | 12,400 |
| | Escapement | 58,100 | 5,600 ^b | 63,700 |
| | Total | 68,100 | 8,000 | 76,100 |
| 1971 | Catch | 36,200 | 7,500 | 43,700 |
| | Escapement | 54,100 | 5,900 | 60,000 |
| | Total | 90,300 | 13,400 | 103,700 |
| 1972 | Catch | 57,900 | 1,500 | 59,400 |
| | Escapement | 65,800 | 11,200 | 77,000 |
| | Total | 123,700 | 12,700 | 136,400 |

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Table 16. (page 2 of 4)

| Year | | Izembek - Moffet Bay | Bechevin, Swanson Lagoon & Urilia Bays | Northwestern District Total |
|------|------------|-------------------------|--|-----------------------------------|
| 1973 | Catch | 96,600 | 6,500 | 103,100 |
| | Escapement | 68,100 | 7,500 ^b | 75,600 |
| | Total | 164,700 | 14,000 ^b | 178,700 |
| 1974 | Catch | 11,300 | 3,100 | 14,400 |
| | Escapement | 76,000 | 6,100 ^b | 82,100 |
| | Total | 87,300 | 9,200 | 96,500 |
| 1975 | Catch | 3,400 | 500 | 3,900 |
| | Escapement | 74,300 | 17,300 | 91,600 |
| | Total | 77,700 | 17,800 | 95,500 |
| 1976 | Catch | 38,100 | 7,900 | 46,000 |
| | Escapement | 127,700 | 38,300 | 166,000 |
| | Total | 165,800 | 46,200 | 212,000 |
| 1977 | Catch | 20,300 | 22,600 | 42,900 |
| | Escapement | 381,400 | 54,300 | 435,700 |
| | Total | 401,700 | 76,900 | 478,600 |
| 1978 | Catch | 82,300 | 48,300 | 130,600 |
| | Escapement | 134,100 | 29,500 | 163,600 |
| | Total | 216,400 | 77,800 | 294,200 |
| 1979 | Catch | 17,800 | 12,500 | 30,300 |
| | Escapement | 178,000 | 12,400 | 190,400 |
| | Total | 195,800 | 24,900 | 220,700 |
| 1980 | Catch | 282,500 | 85,000 | 367,500 |
| | Escapement | 364,200 | 41,100 | 405,300 |
| | Total | 646,700 | 126,100 | 772,800 |
| 1981 | Catch | 296,400 | 59,100 | 355,500 |
| | Escapement | 235,000 | 29,600 | 264,600 |
| | Total | 531,400 | 88,700 | 620,100 |
| 1982 | Catch | 57,500 | 37,700 | 95,200 |
| | Escapement | 166,400 | 23,800 | 190,200 |
| | Total | 223,900 | 61,500 | 285,400 |
| 1983 | Catch | 154,800 | 14,900 | 169,700 |
| | Escapement | 173,300 | 20,200 | 193,500 |
| | Total | 328,100 | 35,100 | 363,200 |

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Table 16. (page 3 of 4)

| Year | | Izembek - Moffet Bay | Bechevin, Swanson Lagoon & Urilia Bays | Northwestern District Total |
|------|------------|-------------------------|--|-----------------------------------|
| 1984 | Catch | 102,700 | 79,800 | 182,500 |
| | Escapement | 427,500 | 33,400 | 460,900 |
| | Total | 530,200 | 113,200 | 643,400 |
| 1985 | Catch | 126,600 | 116,500 | 243,100 |
| | Escapement | 194,700 | 25,700 | 220,400 |
| | Total | 321,300 | 142,200 | 463,500 |
| 1986 | Catch | 69,100 | 44,400 | 113,500 |
| | Escapement | 142,400 | 23,300 | 165,700 |
| | Total | 211,500 | 67,700 | 279,200 |
| 1987 | Catch | 148,600 | 64,600 | 213,200 |
| | Escapement | 286,000 | 55,500 | 341,500 |
| | Total | 434,600 | 120,100 | 554,700 |
| 1988 | Catch | 112,200 | 66,100 | 178,300 |
| | Escapement | 304,400 | 51,800 | 356,200 |
| | Total | 416,600 | 117,900 | 534,500 |
| 1989 | Catch | 14,500 | 11,300 | 25,800 |
| | Escapement | 90,600 | 19,400 | 110,000 |
| | Total | 105,100 | 30,700 | 135,800 |
| 1990 | Catch | 24,000 | 6,600 | 30,600 |
| | Escapement | 92,500 | 18,400 | 110,900 |
| | Total | 116,500 | 25,000 | 141,500 |
| 1991 | Catch | 51,500 | 11,200 | 62,700 |
| | Escapement | 172,400 | 49,400 | 221,800 |
| | Total | 223,900 | 60,600 | 284,500 |
| 1992 | Catch | 61,700 | 43,100 | 104,800 |
| | Escapement | 182,200 | 33,100 | 215,300 |
| | Total | 243,900 | 76,200 | 320,100 |
| 1993 | Catch | 24,900 | 23,500 | 48,400 |
| | Escapement | 172,900 | 46,100 | 219,000 |
| | Total | 197,800 | 69,600 | 267,400 |
| 1994 | Catch | 7,000 | 33,200 | 40,200 |
| | Escapement | 140,500 | 108,900 | 249,400 |
| | Total | 147,500 | 142,100 | 289,600 |

-Continued-

Table 16. (page 4 of 4)

| Year | | Izembek - Moffet Bay | Bechevin, Swanson Lagoon & Urilia Bays | Northwestern District Total |
|-----------------|------------|-------------------------|--|-----------------------------------|
| 1995 | Catch | 9,100 | 17,600 | 26,700 |
| | Escapement | 88,300 | 320,000 | 408,300 |
| | Total | 97,400 | 337,600 | 435,000 |
| 1996 | Catch | 2,000 | 5,700 | 7,700 |
| | Escapement | 278,200 | 108,500 | 386,700 |
| | Total | 280,200 | 114,200 | 394,400 |
| 1997 | Catch | 25,200 | 21,000 | 46,200 |
| | Escapement | 179,500 | 47,700 | 227,200 |
| | Total | 204,700 | 68,700 | 273,400 |
| 1998 | Catch | 13,200 | 18,800 | 32,000 |
| | Escapement | 281,800 | 67,300 | 349,100 |
| | Total | 295,000 | 86,100 | 381,100 |
| 1988-97 Average | Catch | 33,210 | 23,930 | 57,140 |
| | Escapement | 170,150 | 80,330 | 250,480 |
| | Total | 203,360 | 104,260 | 307,620 |

^a Escapements are rounded indexed totals.

^b These figures are extrapolated estimates

Table 17. North Peninsula coho salmon catches by district and section, 1988 - 1998.

| Section | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1988-97 Average |
|--|----------------|----------------|----------------|----------------|----------------|---------------|----------------|----------------|----------------|---------------|----------------|--------------------|
| Dublin Bay | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Urilla Bay | 4,800 | 0 | 1,300 | 0 | 0 | 3,200 | 4,900 | 2,100 | 6,400 | 0 | 3,600 | 2,270 |
| Swanson Lagoon | 12,300 | 7,000 | 4,600 | 18,900 | 3,900 | 300 | 100 | 1,700 | 800 | 300 | 100 | 4,990 |
| Bechevin Bay | 100 | 1,500 | 0 | 100 | 0 | 600 | 200 | 0 | 0 | 0 | 0 | 250 |
| Izembek - Moffet Bay | 3,000 | 100 | 0 | 0 | 0 | 0 | 12,400 | 1,600 | 0 | 0 | 0 | 1,710 |
| Northwestern District Total | 20,200 | 8,600 | 5,900 | 19,000 | 3,900 | 4,100 | 17,600 | 5,400 | 7,200 | 300 | 3,700 | 9,220 |
| Black Hills | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 200 | 500 | 20 |
| Caribou Flats | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nelson Lagoon | 95,400 | 119,300 | 79,300 | 67,400 | 73,400 | 24,600 | 62,200 | 44,000 | 76,800 | 32,300 | 33,700 | 67,470 |
| Herendeen - Moller Bay ^a | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 100 | 300 | 100 | 50 |
| Bear River | 15,700 | 14,500 | 20,200 | 36,400 | 22,100 | 10,200 | 13,900 | 16,000 | 11,700 | 6,300 | 6,000 | 16,700 |
| Three Hills | 3,300 | 1,400 | 1,400 | 2,500 | 4,600 | 1,700 | 11,400 | 9,600 | 6,200 | 6,100 | 10,200 | 4,820 |
| Ilnik | 35,000 | 26,000 | 11,400 | 5,100 | 13,000 | 7,200 | 20,700 | 12,600 | 9,900 | 5,400 | 23,900 | 14,830 |
| Inner Port Heiden | 27,300 | 25,900 | 38,900 | 37,300 | 16,700 | 3,300 | 25,200 | 12,000 | 0 | 18,600 | 5,700 | 20,520 |
| Outer Port Heiden | 8,600 | 14,300 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,290 |
| Cinder River | 28,500 | 17,600 | 35,900 | 50,600 | 73,100 | 13,300 | 90,200 | 36,000 | 45,400 | 25,400 | 50,900 | 41,600 |
| Northern District Total | 213,800 | 219,000 | 187,100 | 199,300 | 202,900 | 60,300 | 223,600 | 130,300 | 150,100 | 94,600 | 131,000 | 168,100 |
| NORTH PENINSULA TOTAL | 234,000 | 227,600 | 193,000 | 218,300 | 206,800 | 64,400 | 241,200 | 135,700 | 157,300 | 94,900 | 134,700 | 177,320 |

^a Includes Port Moller Bight

Table 18. Salmon escapement survey counts in the North Peninsula, 1998.

| Stream | Date | Observer | Location | Visi- bility | Chinook | Sockeye | Species Coho | Pink | Chum | Observer Remarks |
|-----------------------------|------------|----------------|------------------------|-----------------|---------|---------|-----------------|------|------|--|
| Tugamak River, 311-2015 | 08/27/1998 | Arnie Shaul | Stream Mouth Bay | G | 6 | 0 | 0 | 300 | 300 | SPECIED ID DIFFICULT. WINDY. |
| Whaleback Mtn Crk, 311-3007 | 06/20/1998 | Joe Dinnocenzo | Stream Mouth Bay | F | 0 | 100 | 0 | 0 | 0 | SURVEYED LAGOON AND LOWER 1/2 MILE OF CREEK. UPPER LAGOON EXTREMELY MURKY. FISH WERE ALL IN ONE SCHOOL ABOVE MARKERS. |
| | 06/25/1998 | Arnie Shaul | Stream Mouth Bay | P P P | 0 | 0 | 0 | 0 | 0 | TOO CHOPPY, POOR LIGHT. COULDN'T SEE FISH, BUT DID SEE SKIFF TRACKS IN FIRST 3-400 YDS ABOVE MARKERS. SURVEYED OUTLET CHANNEL ONLY. |
| | 06/28/1998 | Arnie Shaul | Stream Mouth Bay | G | 0 | 10,000 | 0 | 0 | 0 | ROUGH ESTIMATE. NEARLY ALL SCHOOLED NEAR POINT AND FIRST 200 YARDS BELOW. |
| | 06/30/1998 | Arnie Shaul | Stream Mouth Bay | G G | 0 | 17,000 | 0 | 0 | 0 | SURVEYED OUTLET CHANNEL AND 1/4 MILE OF CR. 1,000 NEAR MOUTH OF CR. REST WERE FROM POINT TO OUTLET CHANNEL MOUTH. |
| | 07/03/1998 | Arnie Shaul | Stream Mouth Bay | G F | 0 | 15,000 | 0 | 0 | 0 | ROUGH ESTIMATE 2,000 BELOW MARKERS, 1,000 IN UPPER END OF OUTLET CHANNEL. BALANCE WERE NEAR POINT. VISIBILITY HAMPERED BY ALGAE COMING OUT OF LAKE. |
| | 07/08/1998 | Arnie Shaul | Stream Mouth Bay | G F | 0 | 22,000 | 0 | 0 | 0 | ALL FISH SEEN WERE BELOW POINT. MAY HAVE MISSED A FEW IN THE LAKE AND IT'S OUTLET, DUE TO ALGAE. NO SIGN OF FISH IN SHALLOW WATER. |
| | 07/11/1998 | Arnie Shaul | Stream Mouth Bay | | 0 | 25,000 | 0 | 0 | 0 | VERY ROUGH ESTIMATE. MOST FISH WERE BELOW POINT IN OUTLET CHANNEL. NOTHING IN CREEK. |
| | 07/17/1998 | Arnie Shaul | Stream Mouth Bay | P | 0 | 14,000 | 0 | 0 | 0 | ALGAE BLOOM, POOR LGIHT. BEAR APPARENTLY FISHING IN LOWER END OF LAKE, BUT VISIBILITY IMPOSSIBLE THERE. |
| | 08/05/1998 | Arnie Shaul | Stream Mouth Bay | G | 0 | 34,000 | 0 | 0 | 0 | DIDN'T SURVEY ON EAST SIDE OF WHALEBACK MTN. OR IN WEST FORK. LIKELY ANOTHER 3,000 REDS. 17,000 IN CREEK, 2,000 LAKE OUTLET, AND 15,000 IN OUTLET CHANNEL. |

-Continued-

Table 18. (page 2 of 22)

| Stream | Date | Observer | Location | Visi- bility | Chinook | Sockeye | Species Coho | Pink | Chum | Observer Remarks |
|-------------------------------|------------|-------------|------------------------|-----------------|---------|-------------|-----------------|--------|--------------|---|
| | 08/27/1998 | Arnie Shaul | Stream Mouth Bay | G F | 0 0 | 12,500 0 | 0 0 | 0 0 | 0 0 | 2,500 BELOW FKS. MOST SPAWNING BELOW WHALEBACK MTN. AND ABOVE CABIN. |
| Christianson Lagoon, 311-3008 | 08/05/1998 | Arnie Shaul | Stream Mouth Bay | G | 0 | 800 | 0 | 0 | 0 | |
| | 08/27/1998 | Arnie Shaul | Stream Mouth Bay | G | 0 | 800 | 0 | 0 | 0 | |
| Mud Hole, 311-3009 | 06/28/1998 | Arnie Shaul | Stream Mouth Bay | G | 0 | 0 | 0 | 0 | 1,000 | ALL IN SMALL SCHOOLS. |
| | 06/30/1998 | Arnie Shaul | Stream Mouth Bay | G G | 0 0 | 0 0 | 0 0 | 0 0 | 50 1,500 | |
| | 07/11/1998 | Arnie Shaul | Stream Mouth Bay | G | 0 | 0 | 0 | 0 | 300 | DIDN'T SURVEY FLATS. |
| | 08/05/1998 | Arnie Shaul | Stream Mouth Bay | G F | 0 0 | 0 200 | 0 0 | 0 0 | 800 3,000 | |
| | 08/27/1998 | Arnie Shaul | Stream Mouth Bay | G G | 0 0 | 200 0 | 0 0 | 0 0 | 2,000 700 | |
| Clear Lagoon, 311-3010 | 06/30/1998 | Arnie Shaul | Stream Mouth Bay | G G | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | |
| | 07/11/1998 | Arnie Shaul | Stream Mouth Bay | F | 0 | 0 | 0 | 0 | 0 | SAW NOTHING. |

-Continued-

Table 18. (page 3 of 22)

| Stream | Date | Observer | Location | Visi- bility | Chinook | Sockeye | Species Coho | Pink | Chum | Observer Remarks |
|--------------------------|------------|-------------|------------------------|-----------------|---------|---------|-----------------|------|-------|---|
| | 08/05/1998 | Arnie Shaul | Stream | G | 0 | 300 | 0 | 0 | 0 | |
| | | | Mouth Bay | F | 0 | 300 | 0 | 0 | 0 | |
| | 08/27/1998 | Arnie Shaul | Stream | G | 0 | 300 | 0 | 0 | 0 | |
| | | | Mouth Bay | G | 0 | 0 | 0 | 0 | 0 | |
| Emil's River, 311-4001 | 08/05/1998 | Arnie Shaul | Stream | G | 0 | 100 | 0 | 700 | 0 | |
| | | | Mouth Bay | | | | | | | |
| | 08/27/1998 | Arnie Shaul | Stream Mouth Bay | G | 0 | 500 | 0 | 0 | 0 | 2,000 D.V. |
| North Creek, 311-4004 | 08/05/1998 | Arnie Shaul | Stream | G | 0 | 0 | 0 | 0 | 400 | |
| | | | Mouth Bay | | | | | | | |
| | 08/27/1998 | Arnie Shaul | Stream Mouth Bay | G | 0 | 0 | 0 | 0 | 0 | |
| Big River, 311-5001 | 08/27/1998 | Arnie Shaul | Stream | G | 0 | 0 | 0 | 0 | 150 | SURVEYED SPAWNING TRIB. ONLY. MOST WERE STILL SCHOOLED. |
| | | | Mouth Bay | | | | | | | |
| Swanson Lagoon, 311-5002 | 07/08/1998 | Arnie Shaul | Stream | G | 0 | 0 | 0 | 0 | 1,500 | ADDITIONAL 500 PLUS CHUMS (?) IN OUTLET CHANNEL. |
| | | | Mouth Bay | | | | | | | |
| | 07/11/1998 | Arnie Shaul | Stream Mouth Bay | G | | | | | 500 | ALL IN LOWER END. |
| | 07/21/1998 | Arnie Shaul | Stream Mouth Bay | | | 200 | | | 900 | SURVEYED CREEK ONLY. NO SPAWNING. |

-Continued-

Table 18. (page 4 of 22)

| Stream | Date | Observer | Location | Visi- bility | Chinook | Sockeye | Species Coho | Pink | Chum | Observer Remarks |
|-------------------------|------------|----------------|------------------------|-----------------|-------------|-------------|-----------------|-------------|-----------------|--|
| | 08/05/1998 | Amie Shaul | Stream Mouth Bay | G | 0 | 400 | 0 | 0 | 2,300 | SURVEYED CREEK ONLY, REST TOO MURKY. 200 R'S AND 800 CH'S SPAWNING. |
| | 08/08/1998 | Amie Shaul | Stream Mouth Bay | G | 0 | 4,100 | 0 | 0 | 600 | SURVEYED ENTIRE SYSTEM. 800 REDS & 300 CHUMS IN CREEK. 2,300 REDS & 300 CHUMS IN LAGOON. 1,000 REDS IN OUTLET CHANNEL. |
| | 08/26/1998 | Joe Dinnocenzo | Stream Mouth Bay | F F P | 0 0 0 | 0 0 0 | 0 0 0 | 0 0 0 | 1,100 0 0 | LAGOON MOUTH BLOCKED WITH SAND. SPECIED ID QUESTIONABLE BUT IS MIXTURE OF REDS AND MOSTLY CHUMS. ALSO SAW 100 CARCASSES. |
| | 08/27/1998 | Amie Shaul | Stream Mouth Bay | G | 0 | 200 | 0 | 0 | 300 | SURVEYED CREEK ONLY. SEVERAL HUNDRED D.V. LGN. OUTLET BLOCKED, CAUSING WATER LEVEL IN LGN & OUTLET TO BE UNUSUSALLY HIGH. SHOULD BREAK THROUGH SOON. |
| | 09/13/1998 | Amie Shaul | Stream Mouth Bay | F | 0 | 150 | 3,000 | 0 | 0 | MOUTH OPEN. CO'S IN UPPER END OF OUTLET CHANNEL. R'S SPAWNING IN CREEK. WATER TOO HIGH TO SEE FISH IN LAGOON. |
| Mike's Valley, 311-6001 | 06/30/1998 | Amie Shaul | Stream Mouth Bay | G G | 0 0 | 0 0 | 0 0 | 0 0 | 50 50 | |
| | 07/03/1998 | Amie Shaul | Stream Mouth Bay | G G | 0 0 | 0 0 | 0 0 | 0 0 | 500 100 | SURVEYED LUR. TWO MILES. |
| | 07/08/1998 | Amie Shaul | Stream Mouth Bay | G G | 0 0 | 0 0 | 0 0 | 0 0 | 2,500 300 | SURVEYED LOWER TWO MILES ONLY. NUMEROUS SMALL SCHOOLS ON FLATS. |
| | 07/11/1998 | Amie Shaul | Stream Mouth Bay | G G | 0 0 | 0 0 | 0 0 | 0 0 | 2,500 400 | 1,000 IN UPPER VALLEY, 1,500 IN LOWER TWO MILES. LIKELY MORE IN ROCKY AREA IN BETWEEN BUT COULDN'T SEE THEM. |
| | 07/14/1998 | Joe Dinnocenzo | Stream Mouth Bay | G F | 0 0 | 0 0 | 0 0 | 0 0 | 6,000 2,000 | SURVEYED ABOUT 4 MILES UP CREEK. PROBABLY BEYOND WHERE FISH PLAYED OUT. |

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Table 18. (page 5 of 22)

| Stream | Date | Observer | Location | Visi- bility | Chinook | Sockeye | Species Coho | Pink | Chum | Observer Remarks |
|----------------------------|------------|----------------|------------------------|-----------------|---------|---------|-----------------|-----------------|-----------------|---|
| | 07/17/1998 | Arnie Shaul | Stream Mouth Bay | G E | 0 0 | 0 0 | 0 0 | 0 0 | 6,000 1,000 | ONLY FLEW LOWER TWO MILES. |
| | 07/21/1998 | Arnie Shaul | Stream Mouth Bay | G G | 0 0 | 0 0 | 0 0 | 0 0 | 3,400 500 | SURVEYED LWR. 2 MILES ONLY. |
| | 08/05/1998 | Arnie Shaul | Stream Mouth Bay | G G | 0 0 | 0 0 | 0 0 | 0 0 | 29,000 400 | 21,000 IN UPPER VALLEY, MOST SPAWNING. 3,000 IN LWR 2 MILES. |
| | 08/08/1998 | Arnie Shaul | Stream Mouth Bay | G G | 0 0 | 0 0 | 0 0 | 0 0 | 27,000 1,000 | 16,000 IN UPPER VALLEY, 3,000 IN ROCKY AREA, 8,000 IN LWR. 2 MILES. NUMEROUS CARCASSES IN UPPER VALLEY. |
| | 08/26/1998 | Joe Dimnocenzo | Stream Mouth Bay | F G | 0 0 | 0 0 | 0 0 | 0 0 | 4,500 1,500 | FLATS NOT SURVEYED DUE TO AIRSICK OBSERVER. ALSO SAW 10,000 CHUM CARCASSES. |
| Anderson's Creek, 311-6006 | 08/05/1998 | Arnie Shaul | Stream Mouth Bay | G | 0 | 0 | 0 | 2,000 | 0 | |
| | 08/29/1998 | Arnie Shaul | Stream Mouth Bay | G G | 0 0 | 0 0 | 0 0 | 29,000 4,000 | 0 0 | LOADED!! ADDITIONAL 8,000 CARCASSES. |
| Trader's Cove, 311-6007 | 08/05/1998 | Arnie Shaul | Stream Mouth Bay | G F | 0 0 | 0 0 | 0 0 | 100 0 | 0 0 | ADDITIONAL 6,000 P'S & SH'S IN CHANNEL. |
| | 08/08/1998 | Arnie Shaul | Stream Mouth Bay | G | 0 | 0 | 0 | 1,500 | 0 | FLATS AND CHANNEL TOO TURBULENT. |
| | 08/29/1998 | Arnie Shaul | Stream Mouth Bay | G G | 0 0 | 0 0 | 0 0 | 32,000 0 | 6,000 400 | ADDITIONAL 7,000 CHUMS IN CHANNEL. |

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Table 18. (page 6 of 22)

| Stream | Date | Observer | Location | Visi- bility | Chinook | Sockeye | Species Coho | Pink | Chum | Observer Remarks |
|----------------------------|------------|-----------------|------------------------|-----------------|-------------|-------------|-----------------|-------------|-----------------|--|
| | 09/13/1998 | Arnie Shaul | Stream Mouth Bay | G | 0 | 0 | 0 | 0 | 3,000 | |
| Warm Springs Bay, 311-6012 | 08/29/1998 | Arnie Shaul | Stream Mouth Bay | F G | 0 0 | 0 0 | 0 0 | 0 0 | 0 3,000 | |
| | 09/13/1998 | Arnie Shaul | Stream Mouth Bay | F G | 0 0 | 0 0 | 0 0 | 0 0 | 300 3,000 | ONLY SURVEYED LWR. 1/4 MILE OF STREAM, DUE TO POTENTIAL TURBULENCE. |
| | 09/27/1998 | Arnie Shaul | Stream Mouth Bay | G F | | | | | 2,700 | |
| Hungry's Creek, 311-6013 | 08/05/1998 | Arnie Shaul | Stream Mouth Bay | G | 0 | 0 | 0 | 16,000 | 0 | |
| | 08/27/1998 | Arnie Shaul | Stream Mouth Bay | G F | 0 0 | 400 0 | 0 0 | 30,000 0 | 0 0 | |
| Norma Bay Lakes, 312-2001 | 08/27/1998 | Arnie Shaul | Stream Mouth Bay | G F | 0 0 | 130 0 | 0 0 | 0 0 | 0 0 | |
| Mike's Duck Camp, 312-2002 | 08/05/1998 | Arnie Shaul | Stream Mouth Bay | G | 0 | 0 | 0 | 0 | 800 | |
| | 08/27/1998 | Arnie Shaul | Stream Mouth Bay | G F | 0 0 | 0 0 | 0 0 | 0 0 | 4,400 1,500 | |
| | 09/13/1998 | Joe Dimmocozeno | Stream Mouth Bay | G G G | 0 0 0 | 0 0 0 | 0 0 0 | 0 0 0 | 1,540 0 0 | PLUS 600 CHUM CARCASSES. |

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Table 18. (page 7 of 22)

| Stream | Date | Observer | Location | Visi- bility | Chinook | Sockeye | Species Coho | Pink | Chum | Observer Remarks |
|--------------------------------|------------|----------------|------------------------|-----------------|---------|---------|-----------------|------|--------|--|
| Alligator Hole, Ctr., 312-2003 | | | | | | | | | | |
| | 08/05/1998 | Arnie Shaul | Stream Mouth Bay | G | 0 | 0 | 0 | 0 | 1,200 | |
| | 08/27/1998 | Arnie Shaul | Stream Mouth Bay | G | 0 | 0 | 0 | 0 | 7,400 | |
| | 09/13/1998 | Joe Dinnocenzo | Stream Mouth Bay | G | 0 | 0 | 0 | 0 | 54,000 | PLUS 1500 CHUM CARCASSES. SOME CHUMS IN MOUTH COULD BE COHOS. |
| | | | | G | 0 | 0 | 0 | 0 | 1,000 | |
| | | | | G | 0 | 0 | 0 | 0 | 0 | |
| Alligator Hole, East, 312-2004 | | | | | | | | | | |
| | 08/05/1998 | Arnie Shaul | Stream Mouth Bay | G | 0 | 0 | 0 | 0 | 0 | |
| | 08/27/1998 | Arnie Shaul | Stream Mouth Bay | G | 0 | 0 | 0 | 0 | 2,700 | |
| | 09/13/1998 | Joe Dinnocenzo | Stream Mouth Bay | G | 0 | 0 | 0 | 0 | 1,400 | PLUS 100 CARCASSES (CHUM). |
| | | | | G | 0 | 0 | 0 | 0 | 0 | |
| | | | | F | 0 | 0 | 0 | 0 | 0 | |
| Frosty Creek, 312-2005 | | | | | | | | | | |
| | 07/12/1998 | Arnie Shaul | Stream Mouth Bay | G | 0 | 0 | 0 | 0 | 2,000 | |
| | 07/21/1998 | Arnie Shaul | Stream Mouth Bay | G | 0 | 0 | 0 | 0 | 5,600 | |
| | 08/05/1998 | Arnie Shaul | Stream Mouth Bay | G | 0 | 0 | 0 | 0 | 5,600 | |
| | 08/27/1998 | Arnie Shaul | Stream Mouth Bay | G | 0 | 0 | 0 | 0 | 2,000 | NONE IN LITTLE BLUE BILL LAKE.312-2051 |
| | | | | G | 0 | 0 | 0 | 0 | 4,000 | |

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Table 18. (page 8 of 22)

| Stream | Date | Observer | Location | Visi- bility | Chinook | Sockeye | Species Coho | Pink | Chum | Observer Remarks |
|--------------------------------|------------|----------------|----------|-----------------|---------|---------|-----------------|------|--------|---|
| | 09/13/1998 | Joe Dinnocenzo | Stream | G | 0 | 0 | 0 | 0 | 24,000 | PLUS 4,000 CARCASSES. SOME CHUM'S COULD BE COHO'S. |
| | Mouth | | G | 0 | 0 | 0 | 0 | 0 | | |
| | Bay | | F | 0 | 0 | 0 | 0 | 0 | | |
| Blue Bill Lake, 312-2006 | 08/27/1998 | Arnie Shaul | Stream | G | 0 | 300 | 0 | 0 | 0 | NONE IN LITTLE BLUE BILL LAKE. |
| | Mouth | | F | 0 | 0 | 0 | 0 | 0 | | |
| | Bay | | | | | | | | | |
| | 09/13/1998 | Arnie Shaul | Stream | | 0 | 2,300 | 0 | 0 | 300 | CH'S SPAWNING IN OUTLET. |
| | Mouth | | Bay | | | | | | | |
| | 09/27/1998 | Arnie Shaul | Stream | G | | 3,100 | | | | |
| | Mouth | | Bay | | | | | | | |
| | 10/09/1998 | Arnie Shaul | Stream | G | | 5,300 | | | | 400 WERE SPAWNING IN LITTLE BLUE BILL LAKE. |
| | Mouth | | Bay | | | | | | | |
| Outer Marker Lakes, 312-2013 | 08/27/1998 | Arnie Shaul | Stream | G | 0 | 900 | 0 | 0 | 100 | 800 R'S IN LOWER LAKE, REST BELOW LAKES. |
| | Mouth | | Bay | | | | | | | |
| | 09/13/1998 | Arnie Shaul | Stream | G | 0 | 1,900 | 0 | 0 | 400 | CH'S SPAWNING IN OUTLET. 400 R'S SPAWNING IN UPPER LAKE. |
| | Mouth | | Bay | | | | | | | |
| | 09/27/1998 | Arnie Shaul | Stream | G | | 1,600 | | | | ALL SPAWNING, 1,000 IN LOWER LAKE, REST IN VOR LAKE. |
| | Mouth | | Bay | | | | | | | |
| | 10/09/1998 | Arnie Shaul | Stream | | | 4,200 | | | | 2,400 WERE SPAWNING IN LOWER LAKE, REST SPAWNING IN VOR LAKE. |
| | Mouth | | Bay | | | | | | | |
| Springs S Frosty Crk, 312-2051 | 08/27/1998 | Arnie Shaul | Stream | G | 0 | 0 | 0 | 0 | 2,200 | |
| | Mouth | | G | 0 | 0 | 0 | 0 | 0 | | |
| | Bay | | | | | | | | | |

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Table 18. (page 9 of 22)

| Stream | Date | Observer | Location | Visi- bility | Chinook | Sockeye | Species Coho | Pink | Chum | Observer Remarks |
|-------------------------------|------------|----------------|----------|-----------------|---------|---------|-----------------|-------|---------|--|
| | 09/13/1998 | Joe Dinnocenzo | Stream | G | 0 | 0 | 0 | 0 | 2,900 | PLUS 1,400 CARCASSES. SOME CHUMS COULD BE RED'S OR COHO'S. |
| | Mouth | | G | 0 | 0 | 0 | 0 | 0 | | |
| | Bay | | F | 0 | 0 | 0 | 0 | 0 | | |
| 2nd W Of Frosty Crk, 312-2052 | 08/27/1998 | Arnie Shaul | Stream | G | 0 | 200 | 0 | 0 | 2,100 | |
| | Mouth | | G | 0 | 0 | 0 | 0 | 1,000 | | |
| | Bay | | | | | | | | | |
| | 09/13/1998 | Joe Dinnocenzo | Stream | G | 0 | 0 | 0 | 0 | 2,400 | PLUS 300 CARCASSES (CHUM). |
| | Mouth | | G | 0 | 0 | 0 | 0 | 0 | | |
| | Bay | | F | 0 | 0 | 0 | 0 | 0 | | |
| Joshua Green River, 312-4001 | 07/12/1998 | Arnie Shaul | Stream | G | 0 | 6,400 | 0 | 0 | 4,600 | 400 REDS AND 600 CHUMS ABOVE LAKE. |
| | Mouth | | | | | | | | | |
| | Bay | | | | | | | | | |
| | 07/21/1998 | Arnie Shaul | Stream | G | 0 | 5,800 | 0 | 0 | 12,000 | 2,800 R'S AND 8,000 CH'S ABOVE LAKE. |
| | Mouth | | | | | | | | | |
| | Bay | | | | | | | | | |
| | 08/08/1998 | Arnie Shaul | Stream | G | 0 | 7,900 | 0 | 0 | 20,900 | 800 CH'S IN LEFTHAND R., 600 CH'S BELOW FKS, 6,900 R'S & 15,500 CH'S ABOVE LAKE IN RIGHT HAND VALLEY. |
| | Mouth | | | | | | | | | |
| | Bay | | | | | | | | | |
| | 08/27/1998 | Arnie Shaul | Stream | G | 0 | 9,300 | 0 | 9,000 | 119,000 | 2,700 CH'S BELOW FKS. R'S AND 35,300 CH'S IN RIGHT HAND VALLEY, REST IN LEFT HAND. THOUSANDS OF ADDITIONAL R & CH CARCASSES IN RIGHT HAND. |
| | Mouth | | G | 0 | 0 | 0 | 0 | 0 | | |
| | Bay | | | | | | | | | |
| | 09/13/1998 | Joe Dinnocenzo | Stream | G | 0 | 0 | 0 | 0 | 12,700 | CONDITIONS POOR BELOW FORKS. LOTS OF JUMPERS IN LOWER RIVER, POSSIBLE COHO, BUT WATER TOO MURKY |
| | Mouth | | P | 0 | 0 | 0 | 0 | 0 | | |
| | Bay | | P | 0 | 0 | 0 | 0 | 0 | | |
| TO | | | | | | | | | | COUNT FISH. SURVEYED LEFT FORK ONLY. SOME CHUMS COULD BE COHOS OR REDS. |
| Moffet Springs Crk, 312-4002 | 07/12/1998 | Arnie Shaul | Stream | F | 0 | 0 | 0 | 0 | 0 | CHOPPY. |
| | Mouth | | G | 0 | 0 | 0 | 0 | 0 | | |
| | Bay | | | | | | | | | |
| | 08/06/1998 | Arnie Shaul | Stream | | 0 | 0 | 0 | 0 | 5,500 | |
| | Mouth | | | | | | | | | |
| | Bay | | | | | | | | | |

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Table 18. (page 10 of 22)

| Stream | Date | Observer | Location | Visi- bility | Chinook | Sockeye | Species Coho | Pink | Chum | Observer Remarks |
|------------------------|------------|----------------|------------------------|-----------------|-------------|-------------|-----------------|-------------|------------------|---|
| | 08/26/1998 | Arnie Shaul | Stream Mouth Bay | G G | 0 0 | 200 0 | 0 0 | 0 0 | 16,400 0 | MOST CH'S WERE IN LWR END. |
| | 09/13/1998 | Joe Dinnocenzo | Stream Mouth Bay | G G F | 0 0 0 | 0 0 0 | 0 0 0 | 0 0 0 | 12,500 0 0 | SOME CHUM COULD BE COHO OR RED'S, PLUS 1,500 CARCASSES. |
| Moffet Creek, 312-4003 | 07/12/1998 | Arnie Shaul | Stream Mouth Bay | F G | 0 0 | 0 0 | 0 0 | 0 0 | 0 6,000 | |
| | 08/06/1998 | Arnie Shaul | Stream Mouth Bay | | 0 | 1,300 | 0 | 0 | 5,000 | DIDN'T SURVEY LEFT FK. |
| | 08/26/1998 | Arnie Shaul | Stream Mouth Bay | G G | 0 0 | 1,500 0 | 0 0 | 0 0 | 8,000 1,000 | 1,300 R'S WERE IN LEFT FORK. 5,000 CH'S WERE IN RIGHT FK. |
| | 09/13/1998 | Joe Dinnocenzo | Stream Mouth Bay | G F F | 0 0 0 | 0 0 0 | 0 0 0 | 0 0 0 | 24,000 0 0 | SOME CHUMS COULD BE COHO'S OR RED'S. DIDN'T SURVEY LEFT FORK, PLUS 1,000 CARCASSES. |
| Unnamed, 312-4004 | 08/26/1998 | Arnie Shaul | Stream Mouth Bay | | 0 | 400 | 0 | 0 | 0 | |
| | 09/13/1998 | Joe Dinnocenzo | Stream Mouth Bay | G G F | 0 0 0 | 0 0 0 | 0 0 0 | 0 0 0 | 200 0 0 | MOST FISH IN STREAM SPAWNING BELOW LOWER LAKE, PLUS 20 CARCASSES. |
| Unnamed, 312-4005 | 09/13/1998 | Joe Dinnocenzo | Stream Mouth Bay | G G F | 0 0 0 | 0 0 0 | 0 0 0 | 0 0 0 | 1,250 0 0 | PLUS 200 CARCASSES. |
| North Creek, 313-1002 | 07/11/1998 | Arnie Shaul | Stream Mouth Bay | P | 400 | 0 | 0 | 0 | 0 | MURKY, VERY ROUGH ESTIMATE. |

-Continued-

Table 18. (page 11 of 22)

| Stream | Date | Observer | Location | Visi- bility | Chinook | Sockeye | Species Coho | Pink | Chum | Observer Remarks |
|-------------------------------|------------|-------------|----------|-----------------|---------|---------|-----------------|------|------|---|
| | 07/22/1998 | | Stream | F | 400 | 0 | 0 | 0 | 0 | |
| | | Murphy | Mouth | P | 0 | 0 | 0 | 0 | 0 | |
| | | | Bay | P | 0 | 0 | 0 | 0 | 0 | |
| | 08/26/1998 | | Stream | G | 0 | 67,000 | 0 | 0 | 800 | 3,400 IN WEST LAKE. |
| | | Arnie Shaul | Mouth | | | | | | | |
| | | | Bay | | | | | | | |
| Cathedral River, 313-1005 | 08/26/1998 | | Stream | G | 0 | 1,000 | 0 | 0 | 0 | SURVEYED LAKE ONLY. |
| | | Arnie Shaul | Mouth | | | | | | | |
| | | | Bay | | | | | | | |
| Black Hills Creek, 313-1011 | 07/11/1998 | | Stream | G | 600 | 0 | 0 | 0 | 0 | ALL IN LOWER 1/2 MILE. |
| | | Arnie Shaul | Mouth | | | | | | | |
| | | | Bay | | | | | | | |
| Steelhead Creek, 313-1014 | 07/11/1998 | | Stream | G | 800 | 0 | 0 | 0 | 0 | ALL IN LOWER 1/2 MILE. |
| | | Arnie Shaul | Mouth | | | | | | | |
| | | | Bay | | | | | | | |
| | 08/06/1998 | | Stream | | 1,000 | 0 | 0 | 0 | 0 | SOME STILL IN FIRST 300 YARDS. |
| | | Arnie Shaul | Mouth | | | | | | | |
| | | | Bay | | | | | | | |
| David's River, 313-3001 | 07/22/1998 | | Stream | F | 750 | 0 | 0 | 0 | 0 | FISH IN LOWER PART OF RIVER. |
| | | Murphy | Mouth | P | 0 | 0 | 0 | 0 | 0 | |
| | | | Bay | P | 0 | 0 | 0 | 0 | 0 | |
| | 08/18/1998 | | Stream | F | 400 | 1,000 | 500 | 0 | 0 | A FEW WERE CARCASSES. CO'S SEEN IN LOWR CLEAR WATER. SURVEYED MAIN STEM ONLY. |
| | | Arnie Shaul | Mouth | | | | | | | |
| | | | Bay | | | | | | | |
| | 09/27/1998 | | Stream | G | | 1,200 | | | | SURVEYED BIG FISH LAKE ONLY. |
| | | Arnie Shaul | Mouth | | | | | | | |
| | | | Bay | | | | | | | |
| Nelson R./hoodoo L., 313-3003 | 06/26/1998 | | Stream | F | 350 | 7,000 | 0 | 0 | 0 | WEIR TO FORKS. |
| | | Murphy | Mouth | P | 0 | 0 | 0 | 0 | 0 | |
| | | | Bay | P | 0 | 0 | 0 | 0 | 0 | |

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Table 18. (page 12 of 22)

| Stream | Date | Observer | Location | Visi- bility | Chinook | Sockeye | Species Coho | Pink | Chum | Observer Remarks |
|----------------------|------------|-------------|------------------------|-----------------|-----------------|-----------------|-----------------|-------------|-------------|---|
| | 06/28/1998 | Arnie Shaul | Stream Mouth Bay | G | 1,500 | 10,000 | 0 | 0 | 0 | SURVEYED SAPSUK RIVER UP TO WEIR. FISH WERE SCATTERED THROUGHOUT ENTIRE LENGTH. |
| | 06/30/1998 | Arnie Shaul | Stream Mouth Bay | F | 1,200 | 5,000 | 0 | 0 | 0 | BELOW WEIR. |
| | 07/07/1998 | Arnie Shaul | Stream Mouth Bay | f | 2,500 | 5,000 | 0 | 0 | 0 | FKS. TO WEIR. RIVER CLEAR BUT ONLY FAIR LIGHT. ALL FISH SEEN WERE IN UPPER END. RED COUNT LIKELY LOW. |
| | 07/22/1998 | Murphy | Stream Mouth Bay | F P P | 2,000 0 0 | 7,000 0 0 | 0 0 0 | 0 0 0 | 0 0 0 | FORKS TO WEIR. |
| | 08/18/1998 | Arnie Shaul | Stream Mouth Bay | G | | | 5,000 | | 8,500 | SURVEYED MAIN STEM ONLY. CH'S SPAWNING. 1,000 COHO'S IN SHALLOWS ABOVE CARIBOU R. REST SEEN IN FIRST 3 MILES BELOW WEIR, POOR VIS. IN BETWEEN. SOME OF THE COHO COULD BE CHUMS. |
| | 08/26/1998 | Arnie Shaul | Stream Mouth Bay | F | | | 12,000 | | | GOOD VIS. IN UPPER END, POOR IN MOST OF LOWER PORTION. |
| | 09/04/1998 | Arnie Shaul | Stream Mouth Bay | F | | | 10,000 | | | MOUTH TO LEFT CREEK. GOOD VISIBILITY ABOVE ALEX ORLOF'S CABIN, WATER TOO HIGH BELOW. |
| | 09/08/1998 | Arnie Shaul | Stream Mouth Bay | F | | | 15,000 | | | POOR VIS. BELOW ALEX ORLOFF'S CABIN DUE TO HIGH WATER. FAIR VIS ABOVE. |
| | 09/27/1998 | Arnie Shaul | Stream Mouth Bay | G | | | 20,000 | | | NEARLY ALL BETWEEN BASE OF HILLS BETWEEN WIER LEFT CREEK AND ABOUT HALF WAY BETWEEN LEFT CREEK AND LAKE. |
| Doe Valley, 314-2002 | 07/28/1998 | Murphy | Stream Mouth Bay | G P P | 0 0 0 | 0 0 0 | 0 0 0 | 0 0 0 | 0 0 0 | |

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Table 18. (page 13 of 22)

| Stream | Date | Observer | Location | Visi- bility | Chinook | Sockeye | Species Coho | Pink | Chum | Observer Remarks |
|---------------------------|------------|----------|----------|-----------------|---------|---------|-----------------|--------|--------|------------------|
| Buck Valley, 314-2003 | | | | | | | | | | |
| | 07/28/1998 | | Stream | F | 0 | 0 | 0 | 0 | 500 | |
| | | Murphy | Mouth | P | 0 | 0 | 0 | 0 | 0 | |
| | | | Bay | P | 0 | 0 | 0 | 0 | 0 | |
| Deer Valley, 314-2004 | | | | | | | | | | |
| | 07/28/1998 | | Stream | G | 0 | 0 | 0 | 0 | 13,000 | |
| | | Murphy | Mouth | G | 0 | 0 | 0 | 0 | 2,000 | |
| | | | Bay | P | 0 | 0 | 0 | 0 | 0 | |
| Portage Valley, 314-2005 | | | | | | | | | | |
| | 07/28/1998 | | Stream | G | 0 | 0 | 0 | 0 | 0 | NO FISH YET. |
| | | Murphy | Mouth | P | 0 | 0 | 0 | 0 | 0 | |
| | | | Bay | P | 0 | 0 | 0 | 0 | 0 | |
| Grass Valley, 314-2006 | | | | | | | | | | |
| | 07/28/1998 | | Stream | G | 0 | 200 | 0 | 6,000 | 17,000 | REDS IN LAKE. |
| | | Murphy | Mouth | P | 0 | 0 | 0 | 0 | 0 | |
| | | | Bay | P | 0 | 0 | 0 | 0 | 0 | |
| Lawrence Valley, 314-2007 | | | | | | | | | | |
| | 07/28/1998 | | Stream | G | 0 | 0 | 0 | 30,000 | 25,000 | |
| | | Murphy | Mouth | P | 0 | 0 | 0 | 0 | 0 | |
| | | | Bay | P | 0 | 0 | 0 | 0 | 0 | |
| Mine Harbor, 314-2008 | | | | | | | | | | |
| | 07/28/1998 | | Stream | G | 0 | 0 | 0 | 0 | 800 | |
| | | Murphy | Mouth | P | 0 | 0 | 0 | 0 | 0 | |
| | | | Bay | P | 0 | 0 | 0 | 0 | 0 | |
| Coal Creek, 314-2009 | | | | | | | | | | |
| | 07/28/1998 | | Stream | G | 0 | 0 | 0 | 0 | 7,000 | |
| | | Murphy | Mouth | G | 0 | 0 | 0 | 0 | 8,000 | |
| | | | Bay | P | 0 | 0 | 0 | 0 | 0 | |
| Mud Bay 3004, 314-3004 | | | | | | | | | | |
| | 07/29/1998 | | Stream | G | 0 | 0 | 0 | 0 | 3,000 | |
| | | J. Wadie | Mouth | | | | | | | |
| | | | Bay | | | | | | | |
| Mud Bay 3005, 314-3005 | | | | | | | | | | |
| | 07/28/1998 | | Stream | G | 0 | 0 | 0 | 0 | 4,000 | |
| | | Murphy | Mouth | P | 0 | 0 | 0 | 0 | 0 | |
| | | | Bay | P | 0 | 0 | 0 | 0 | 0 | |

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Table 18. (page 14 of 22)

| Stream | Date | Observer | Location | Visi- bility | Chinook | Sockeye | Species Coho | Pink | Chum | Observer Remarks |
|--------------------------------|------------|----------|------------------------|-----------------|---------------|---------------|-----------------|-------------|-----------------|-------------------------------|
| | 07/29/1998 | J. Wadle | Stream Mouth Bay | G | 0 | 0 | 0 | 0 | 1,000 | |
| Head Creek, Right Hd, 314-3007 | 07/28/1998 | Murphy | Stream Mouth Bay | G P P | 0 0 0 | 0 0 0 | 0 0 0 | 0 0 0 | 8,000 0 0 | |
| Right Head Creek, 314-3009 | 07/28/1998 | Murphy | Stream Mouth Bay | G P P | 0 0 0 | 0 0 0 | 0 0 0 | 0 0 0 | 2,000 0 0 | |
| | 07/29/1998 | J. Wadle | Stream Mouth Bay | G | 0 | 0 | 0 | 2,000 | 3,000 | |
| Left Head Creek, 314-3010 | 07/28/1998 | Murphy | Stream Mouth Bay | G P P | 0 0 0 | 0 0 0 | 0 0 0 | 0 0 0 | 2,000 0 0 | |
| Frank's Lagoon, 315-1001 | 06/28/1998 | Murphy | Stream Mouth Bay | F P P | 0 0 0 | 200 0 0 | 0 0 0 | 0 0 0 | 0 0 0 | |
| | 06/30/1998 | Murphy | Stream Mouth Bay | G P P | 0 0 0 | 0 0 0 | 0 0 0 | 0 0 0 | 3,000 0 0 | TURBID WATER. |
| | 07/28/1998 | Murphy | Stream Mouth Bay | G P P | 0 0 0 | 0 0 0 | 0 0 0 | 0 0 0 | 3,000 0 0 | |
| King Salmon River, 315-1002 | 06/28/1998 | Murphy | Stream Mouth Bay | F P P | 300 0 0 | 0 0 0 | 0 0 0 | 0 0 0 | 0 0 0 | MURKY WATER CONDITIONS. |
| | 06/29/1998 | Murphy | Stream Mouth Bay | F P P | 75 0 0 | 0 0 0 | 0 0 0 | 0 0 0 | 0 0 0 | SURVEYED FROM CABIN TO MOUTH. |

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Table 18. (page 15 of 22)

| Stream | Date | Observer | Location | Visi- bility | Chinook | Sockeye | Species Coho | Pink | Chum | Observer Remarks |
|--------------------------------|------------|----------|----------|-----------------|---------|---------|-----------------|------|-------|---|
| | 06/30/1998 | | Stream | P | 20 | 0 | 0 | 0 | 0 | TURBID WATER |
| | | Murphy | Mouth | P | 0 | 0 | 0 | 0 | 0 | |
| | | | Bay | P | 0 | 0 | 0 | 0 | 0 | |
| | 07/27/1998 | | Stream | G | 40 | 0 | 0 | 0 | 500 | SURVEYED ONLY LOWER 3 MILES OF RIVER. |
| | | Murphy | Mouth | P | 0 | 0 | 0 | 0 | 0 | |
| | | | Bay | P | 0 | 0 | 0 | 0 | 0 | |
| | 07/28/1998 | | Stream | G | 700 | 0 | 0 | 0 | 2,000 | |
| | | Murphy | Mouth | P | 0 | 0 | 0 | 0 | 0 | |
| | | | Bay | P | 0 | 0 | 0 | 0 | 0 | |
| Bear River, Branches, 315-1102 | 06/17/1998 | | Stream | E | 0 | 3,000 | 0 | 0 | 0 | 1,000 REDS DIRECTLY BEHIND THE WEIR. |
| | | Murphy | Mouth | P | 0 | 0 | 0 | 0 | 0 | |
| | | | Bay | P | 0 | 0 | 0 | 0 | 0 | |
| | 06/26/1998 | | Stream | G | 0 | 10,000 | 0 | 0 | 0 | MOST FISH IN UPPER RIVER. |
| | | Murphy | Mouth | P | 0 | 0 | 0 | 0 | 0 | |
| | | | Bay | P | 0 | 0 | 0 | 0 | 0 | |
| | 06/27/1998 | | Stream | G | 0 | 3,000 | 0 | 0 | 0 | ALL FISH IN UPPER RIVER. 500 BEHIND WEIR. |
| | | Murphy | Mouth | P | 0 | 0 | 0 | 0 | 0 | |
| | | | Bay | P | 0 | 0 | 0 | 0 | 0 | |
| | 06/27/1998 | | Stream | G | 0 | 1,500 | 0 | 0 | 0 | 17:30 TIME. |
| | | Murphy | Mouth | P | 0 | 0 | 0 | 0 | 0 | |
| | | | Bay | P | 0 | 0 | 0 | 0 | 0 | |
| | 06/28/1998 | | Stream | E | 100 | 2,000 | 0 | 0 | 0 | KINGS IN RIDGERUNNER CREEK. |
| | | Murphy | Mouth | P | 0 | 0 | 0 | 0 | 0 | |
| | | | Bay | P | 0 | 0 | 0 | 0 | 0 | |
| | 06/29/1998 | | Stream | E | 0 | 22,000 | 0 | 0 | 0 | 5,000 BEHIND WEIR. |
| | | Murphy | Mouth | P | 0 | 0 | 0 | 0 | 0 | |
| | | | Bay | P | 0 | 0 | 0 | 0 | 0 | |
| | 06/30/1998 | | Stream | E | 0 | 10,000 | 0 | 0 | 0 | 7,000 SOCKEYE IN UPPER 3 MILES OF RIVER. |
| | | Murphy | Mouth | P | 0 | 0 | 0 | 0 | 0 | |
| | | | Bay | P | 0 | 0 | 0 | 0 | 0 | |
| | 07/01/1998 | | Stream | E | 0 | 3,000 | 0 | 0 | 0 | ALL FISH IN UPPER PART OF RIVER. |
| | | Murphy | Mouth | P | 0 | 0 | 0 | 0 | 0 | |
| | | | Bay | P | 0 | 0 | 0 | 0 | 0 | |

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Table 18. (page 16 of 22)

| Stream | Date | Observer | Location | Visi- bility | Chinook | Sockeye | Species Coho | Pink | Chum | Observer Remarks |
|--------|------------|----------|--------------|-----------------|---------|---------|-----------------|------|------|--|
| | 07/03/1998 | Murphy | Stream | P | 0 | 1,800 | 0 | 0 | 0 | FROM MAD SOW TO MOUTH TOO MURKY. FISH CAN ONLY BE OBSERVED IN UPPER PART OF RIVER. |
| | | | Mouth | P | 0 | 0 | 0 | 0 | 0 | |
| | | | Bay | P | 0 | 0 | 0 | 0 | 0 | |
| | 07/06/1998 | Murphy | Stream | G | 0 | 5,000 | 0 | 0 | 0 | MAD SOW TO MOUTH UNSURVEYABLE DUE TO MURKY WATER. |
| | | | Mouth | P | 0 | 0 | 0 | 0 | 0 | |
| | | | Bay | P | 0 | 0 | 0 | 0 | 0 | |
| | 07/07/1998 | Murphy | Stream | G | 0 | 6,000 | 0 | 0 | 0 | MAD SOW TO MOUTH TOO MURKY TO SURVEY. |
| | | | Mouth | P | 0 | 0 | 0 | 0 | 0 | |
| | | | Bay | P | 0 | 0 | 0 | 0 | 0 | |
| | 07/27/1998 | Murphy | Stream | G | 0 | 9,000 | 0 | 0 | 0 | MAD SOW TO MOUTH UNSURVEYABLE. UPPER RIVER WATER. |
| | | | Mouth | P | 0 | 0 | 0 | 0 | 0 | |
| | | | Bay | P | 0 | 0 | 0 | 0 | 0 | |
| | 07/28/1998 | Murphy | Stream | G | 800 | 7,000 | 0 | 0 | 0 | KINGS IN RIDGERUNNER CREEK. WEIR TO MAD SOW FOR REDS. LOWER RIVER TOO MURKY. |
| | | | Mouth | P | 0 | 0 | 0 | 0 | 0 | |
| | | | Bay | P | 0 | 0 | 0 | 0 | 0 | |
| | 07/29/1998 | Murphy | Stream | G | 0 | 6,000 | 0 | 0 | 0 | WEIR TO MAD SOW - LOWER 5 MILES TOO MURKY TO SURVEY. |
| | | | Mouth | P | 0 | 0 | 0 | 0 | 0 | |
| | | | Bay | P | 0 | 0 | 0 | 0 | 0 | |
| | 07/31/1998 | Murphy | Stream | G | 0 | 6,000 | 0 | 0 | 0 | WEIR TO MAD SOW. |
| | | | Mouth | P | 0 | 0 | 0 | 0 | 0 | |
| | | | Bay | P | 0 | 0 | 0 | 0 | 0 | |
| | 08/06/1998 | Murphy | Stream | G | 0 | 500 | 0 | 0 | 0 | FROM WEIR TO MAD SOW. |
| | | | Mouth | P | 0 | 0 | 0 | 0 | 0 | |
| | | | Bay | P | 0 | 0 | 0 | 0 | 0 | |
| | 08/10/1998 | Murphy | Stream | G | 0 | 16,000 | 0 | 0 | 0 | TIME 17:00 ENTIRE RIVER SURVEYED. |
| | | | Mouth Bay | | | | | | | |
| | 08/10/1998 | Murphy | Stream | G | 0 | 11,000 | 0 | 0 | 0 | ENTIRE RIVER SURVEYED. |
| | | | Mouth | P | 0 | 0 | 0 | 0 | 0 | |
| | | | Bay | P | 0 | 0 | 0 | 0 | 0 | |

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Table 18. (page 17 of 22)

| Stream | Date | Observer | Location | Visi- bility | Chinook | Sockeye | Species Coho | Pink | Chum | Observer Remarks |
|--|--------|----------|----------|-----------------|---------|---------|-----------------|------|--|------------------|
| 08/11/1998 Murphy | Stream | E | 0 | 18,000 | 0 | 0 | 0 | 0 | EXCELLENT VISIBILITY FOR ENTIRE RIVER. SLOW MOVING FISH. | |
| | Mouth | P | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | Bay | P | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 08/12/1998 Murphy | Stream | E | 0 | 22,000 | 0 | 0 | 0 | 0 | MOST FISH IN LOWER HALF OF RIVER. EXCELLENT VISIBILITY FOR ENTIRE RIVER. | |
| | Mouth | P | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | Bay | P | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 08/13/1998 Murphy | Stream | G | 0 | 19,000 | 0 | 0 | 0 | 0 | ENTIRE RIVER SURVEYED. MANY OF THE SAME FISH FROM THE PREVIOUS DAY - SLOW MOVING FISH. | |
| | Mouth | P | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | Bay | P | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 08/17/1998 Murphy | Stream | G | 0 | 14,000 | 0 | 0 | 0 | 0 | FROM WEIR TO MAD SOW SURVEYED. LOWER RIVER TOO MURKY. | |
| | Mouth | P | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | Bay | P | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 08/18/1998 Arnie Shaul | Stream | F | 0 | 60,000 | 0 | 0 | 0 | 0 | EXCELLENT VIS. ABOVE MILKY R. FAIR BELOW. 20,000 R'S ABOVE MILKY R., ROUGHLY 40,000 BELOW. NO SIGN OF LARGE NUMBERS IN VERY LOW END. | |
| | Mouth | | | | | | | | | |
| | Bay | | | | | | | | | |
| 08/18/1998 Murphy | Stream | G | 0 | 64,000 | 0 | 0 | 0 | 0 | MOST FISH IN MIDDLE PART OF RIVER. ENTIRE RIVER SURVEYED. WOW!!! | |
| | Mouth | P | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | Bay | P | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 08/28/1998 J. Wadle | Stream | G | 0 | 29,000 | 0 | 0 | 0 | 0 | | |
| | Mouth | | | | | | | | | |
| | Bay | | | | | | | | | |
| 08/29/1998 Murphy | Stream | G | 0 | 33,000 | 2,000 | 0 | 0 | 0 | ALL FISH IN LOWER R. PLUS 40,000 SPAWNING SOCKEYE A LAKE OUTLET. | |
| | Mouth | | | | | | | | | |
| | Bay | | | | | | | | | |
| 09/01/1998 Bob Murphy | Stream | | 0 | 30,000 | 2,000 | 0 | 0 | 0 | ENTIRE RIVER SURVEYED. COHO IN LOWER RIVER. SOCKEYE IN ENTIRE RIVER. | |
| | Mouth | P | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | Bay | P | 0 | 0 | 0 | 0 | 0 | 0 | | |
| Sandy River & Lake, 315-12 07/01/1998 Murphy | Stream | P | 0 | 0 | 0 | 0 | 0 | 0 | WEIR TO MOUTH - WATER TOO MURKY/DARK. | |
| | Mouth | P | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | Bay | P | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 07/06/1998 Murphy | Stream | P | 200 | 2,000 | 0 | 0 | 0 | 0 | MURKY WATER COND. | |
| | Mouth | P | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | Bay | P | 0 | 0 | 0 | 0 | 0 | 0 | | |

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Table 18. (page 18 of 22)

| Stream | Date | Observer | Location | Visi- bility | Chinook | Sockeye | Species Coho | Pink | Chum | Observer Remarks |
|---------------------------------|------------|----------|------------------------|-----------------|-------------|---------------|-----------------|-------------|---------------|----------------------------|
| | 08/29/1998 | Murphy | Stream Mouth Bay | P | 0 | 0 | 0 | 0 | 0 | VERY MURKY - UNSURVEYABLE. |
| Lime Creek, 316-1001 | 07/01/1998 | Murphy | Stream Mouth Bay | G P P | 0 0 0 | 0 0 0 | 0 0 0 | 0 0 0 | 0 0 0 | |
| | 07/28/1998 | Murphy | Stream Mouth Bay | G P P | 0 0 0 | 300 0 0 | 0 0 0 | 0 0 0 | 600 0 0 | |
| | 08/29/1998 | Murphy | Stream Mouth Bay | G | 0 | 0 | 300 | 0 | 1,000 | |
| Unnc;c Seniavin/3hill, 316-1002 | 07/01/1998 | Murphy | Stream Mouth Bay | G P P | 0 0 0 | 0 0 0 | 0 0 0 | 0 0 0 | 0 0 0 | |
| | 07/28/1998 | Murphy | Stream Mouth Bay | G P P | 0 0 0 | 0 0 0 | 0 0 0 | 0 0 0 | 500 0 0 | |
| | 08/29/1998 | Murphy | Stream Mouth Bay | G | 0 | 0 | 100 | 0 | 625 | |
| Sw Of 3 Hills, 316-1004 | 07/01/1998 | Murphy | Stream Mouth Bay | G P P | 0 0 0 | 0 0 0 | 0 0 0 | 0 0 0 | 0 0 0 | |
| | 07/28/1998 | Murphy | Stream Mouth Bay | G P P | 0 0 0 | 0 0 0 | 0 0 0 | 0 0 0 | 400 0 0 | |
| | 08/29/1998 | Murphy | Stream Mouth Bay | G | 0 | 0 | 400 | 0 | 925 | DID NOT SURVEY LAKE. |

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Table 18. (page 19 of 22)

| Stream | Date | Observer | Location | Visi- bility | Chinook | Sockeye | Species Coho | Pink | Chum | Observer Remarks |
|-------------------------------|------------|--------------|------------------------|-----------------|---------|---------|-----------------|-------------|-------------|---|
| Ilnik River/estuary, 316-2001 | 08/29/1998 | Murphy | Stream Mouth Bay | F P P | 0 | 0 | 9,000 | 0 | 0 | ALL FISH IN FRONT OF VILLAGE. |
| Unanagashak River, 316-2004 | 08/29/1998 | Murphy | Stream Mouth Bay | P P P | 0 | 0 | 9,000 0 0 | 0 0 0 | 0 0 0 | POOR VISIBILITY, MURKY H2O. NINE WEATHERPORT TENTS WITH SPORTFISHERS ON RIVER. |
| Charles Creek, 317-2002 | 08/10/1998 | Dave Sarafin | Stream Mouth Bay | F | 0 | 500 | 0 | 0 | 0 | |
| Birthday Creek, 317-2008 | 08/10/1998 | Dave Sarafin | Stream Mouth Bay | P P | 0 | 0 | 0 0 | 0 0 | 200 0 | |
| Red Bluff Creek, 317-204A | 08/10/1998 | Dave Sarafin | Stream Mouth Bay | F P P | 200 | 6,000 | 0 0 0 | 0 0 0 | 0 0 0 | |
| Yellow Bluff Creek, 317-204B | 08/10/1998 | Dave Sarafin | Stream Mouth Bay | F F | 25 | 300 | 0 0 | 0 0 | 200 0 | |
| Paddle Creek, 317-2070A | 08/10/1998 | Dave Sarafin | Stream Mouth Bay | P P | 0 | 0 | 0 0 | 0 0 | 300 0 | |
| Meshik River, 317-207A | 08/10/1998 | Dave Sarafin | Stream Mouth Bay | P | 0 | 9,200 | 0 | 0 | 6,000 | 200 REDS IN MESHIK LAKE. 9,000 REDS IN UPPER MAINSTEM. |

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Table 18. (page 20 of 22)

| Stream | Date | Observer | Location | Visi- bility | Chinook | Sockeye | Species Coho | Pink | Chum | Observer Remarks |
|--------------------------------|------------|--------------|----------|-----------------|---------|---------|-----------------|------|-------|---|
| | 09/03/1998 | | Stream | P | 0 | 0 | 21,050 | 0 | 0 | FEW COHO COMING IN GENERAL IMPRESSION OF RUN COMPARED TO OTHERS I HAVE SEEN-ON THE WEAK END OF THE SCALE. 1,000 COHO NEAR SCOTTY'S ISLAND. 20,000 COHO IN UPPER RIVER. POOR CONDITIONS-LOW LIGHT, HIGH WATER. |
| | | David Owen | Mouth | P | 0 | 0 | 0 | 0 | 0 | |
| | | | Bay | P | 0 | 0 | 0 | 0 | 0 | |
| Braided Creek, 317-207B | 08/10/1998 | | Stream | G | 2,000 | 0 | 0 | 0 | 6,000 | |
| | | David Owen | Mouth | G | 0 | 0 | 0 | 0 | 0 | |
| | | | Bay | G | 0 | 0 | 0 | 0 | 0 | |
| | 08/10/1998 | | Stream | G | 2,000 | 0 | 0 | 0 | 6,000 | |
| | | David Owen | Mouth | G | 0 | 0 | 0 | 0 | 0 | |
| | | | Bay | G | 0 | 0 | 0 | 0 | 0 | |
| Landlocked (hotspr.), 317-207C | 08/10/1998 | | Stream | G | 0 | 1,000 | 0 | 0 | 0 | |
| | | David Owen | Mouth | G | 0 | 0 | 0 | 0 | 0 | |
| | | | Bay | G | 0 | 0 | 0 | 0 | 0 | |
| | 08/10/1998 | | Stream | G | 0 | 1,000 | 0 | 0 | 0 | |
| | | David Owen | Mouth | G | 0 | 0 | 0 | 0 | 0 | |
| | | | Bay | G | 0 | 0 | 0 | 0 | 0 | |
| | 09/03/1998 | | Stream | P | 0 | 0 | 2,000 | 0 | 0 | |
| | | David Owen | Mouth | P | 0 | 0 | 0 | 0 | 0 | |
| | | | Bay | P | 0 | 0 | 0 | 0 | 0 | |
| Branch Of Landlocked, 317-207D | 08/10/1998 | | Stream | G | 0 | 20,000 | 0 | 0 | 0 | |
| | | David Owen | Mouth | G | 0 | 0 | 0 | 0 | 0 | |
| | | | Bay | G | 0 | 0 | 0 | 0 | 0 | |
| Blue Violet Creek, 317-207E | 08/10/1998 | | Streams | F | 25 | 11,000 | 0 | 0 | 7,000 | |
| | | Dave Sarafin | Mouth | F | 0 | 0 | 0 | 0 | 0 | |
| | | | Bay | | | | | | | |
| Wolf Creek, 317-207F | 08/10/1998 | | Stream | F | 0 | 4,000 | 0 | 0 | 3,000 | |
| | | Dave Sarafin | Mouth | F | 0 | 0 | 0 | 0 | 0 | |
| | | | Bay | | | | | | | |

-Continued-

Table 18. (page 21 of 22)

| Stream | Date | Observer | Location | Visi- bility | Chinook | Sockeye | Species Coho | Pink | Chum | Observer Remarks |
|------------------------------|------------|--------------|------------------------|-----------------|---------|---------|-----------------|------|--------|---|
| Shoe Creek, 317-207H | 08/10/1998 | Dave Sarafin | Stream | F | 0 | 1,500 | 0 | 0 | 3,000 | |
| | | | Mouth Bay | F | 0 | 0 | 0 | 0 | 50 | |
| Plenty Bear Creek, 317-207O | 08/10/1998 | Dave Sarafin | Stream | F | 200 | 2,000 | 0 | 0 | 8,000 | |
| | | | Mouth Bay | P | 0 | 0 | 0 | 0 | 0 | |
| Waterfall Creek, 317-207P | 08/10/1998 | Dave Sarafin | Stream | P | 25 | 25 | 0 | 0 | 50 | |
| | | | Mouth Bay | P | 0 | 0 | 0 | 0 | 0 | |
| Rainbow Creek, 317-207R | 08/10/1998 | Dave Sarafin | Stream | P | 0 | 1,000 | 0 | 0 | 2,000 | |
| | | | Mouth Bay | P | 0 | 0 | 0 | 0 | 0 | |
| Cub Creek, 317-207T | 08/10/1998 | Dave Sarafin | Stream | P | 0 | 0 | 0 | 0 | 0 | |
| | | | Mouth Bay | P | 0 | 0 | 0 | 0 | 0 | |
| , 318-2004 | 09/03/1998 | David Owen | Stream Mouth Bay | P | 0 | 0 | 100 | 0 | 0 | NO ACTIVITY IN LAKE. SOME AT LAKE ENTRANCE. IMPRESSION - RUN WAS ESSENTIALLY OVER. |
| Mud Creek, 318-2004A | 08/09/1998 | David Owen | Stream | G | 0 | 3 | 300 | 0 | 0 | |
| | | | Mouth | G | 0 | 0 | 0 | 0 | 0 | |
| | | | Bay | G | 0 | 0 | 0 | 0 | 0 | |
| Cinder River, Main, 318-206A | 08/09/1998 | David Owen | Stream | G | 1,800 | 2,700 | 0 | 0 | 35,200 | |
| | | | Mouth | G | 0 | 0 | 0 | 0 | 0 | |
| | | | Bay | | | | | | | LOCATION OF FISH IN MAINSTEM: WIGGLY CREEK TO MELOY CREEK- 500 REDS, 9,000 CHUMS; MELOY TO LAVA-9,000 CHUMS; LAVA TO .06C-6,000 CHUMS; UPSTREAM OF WIGGLY CREEK-0; BETWEEN 06B AND LAKE- 100 KINGS, 200 REDS, 3,000 CHUMS; LAKE TO OUTLET- 1,000 KINGS, 200 CHUMS. |

-Continued-

Table 18. (page 22 of 22)

| Stream | Date | Observer | Location | Visi- bility | Chinook | Sockeye | Species Coho | Pink | Chum | Observer Remarks |
|------------------------|------------|----------|----------|-----------------|---------|---------|-----------------|------|--------|---|
| | 09/03/1998 | | Stream | P | 0 | 0 | 100 | 0 | 0 | SURVEYED APPROXIMATELY 20 MILES OF THE STREAM. COMPARATIVELY TO MESHIK - VERY LITTLE FISH ACTIVITY - POOR CONDITIONS - SAME AS MESHIK. A FEW STILL COMING IN. |
| | David Owen | Mouth | P | 0 | 0 | 10 | 0 | 0 | | |
| | | Bay | P | 0 | 0 | 0 | 0 | 0 | | |
| Unnamed, 318-206B | 08/09/1998 | | Stream | G | 0 | 0 | 0 | 0 | 0 | |
| | David Owen | Mouth | G | 0 | 0 | 0 | 0 | 0 | | |
| | | Bay | G | 0 | 0 | 0 | 0 | 0 | | |
| Unnamed, 318-206C | 08/09/1998 | | Stream | G | 0 | 29,000 | 0 | 0 | 19,000 | LOTS OF CARCASSES. |
| | David Owen | Mouth | G | 0 | 0 | 0 | 0 | 0 | | |
| | | Bay | G | 0 | 0 | 0 | 0 | 0 | | |
| Lava Creek, 318-206D | 08/09/1998 | | Stream | G | 200 | 9,000 | 0 | 0 | 3,000 | |
| | David Owen | Mouth | G | 0 | 0 | 0 | 0 | 0 | | |
| | | Bay | G | 0 | 0 | 0 | 0 | 0 | | |
| High Creek, 318-206E | 08/09/1998 | | Stream | G | 0 | 200 | 0 | 0 | 1,000 | |
| | David Owen | Mouth | G | 0 | 0 | 0 | 0 | 0 | | |
| | | Bay | G | 0 | 0 | 0 | 0 | 0 | | |
| Meloy Creek, 318-206H | 08/09/1998 | | Stream | G | 50 | 11,000 | 0 | 0 | 0 | |
| | David Owen | Mouth | G | 0 | 0 | 0 | 0 | 0 | | |
| | | Bay | G | 0 | 0 | 0 | 0 | 0 | | |
| Wiggly Creek, 318-206J | 08/09/1998 | | Stream | G | 0 | 0 | 0 | 0 | 0 | |
| | David Owen | Mouth | G | 0 | 0 | 0 | 0 | 0 | | |
| | | Bay | G | 0 | 0 | 0 | 0 | 0 | | |

Table 19. Chinook, pink, and chum salmon daily and cumulative escapement counts through the Nelson River weir, 1998.

| Date | Daily | | | Cumulative | | |
|--------------|---------|------|------|------------|------|------|
| | Chinook | Pink | Chum | Chinook | Pink | Chum |
| June 2 to 12 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13-Jun | 1 | 0 | 0 | 1 | 0 | 0 |
| 14-Jun | 0 | 0 | 0 | 1 | 0 | 0 |
| 15-Jun | 0 | 0 | 0 | 1 | 0 | 0 |
| 16-Jun | 0 | 0 | 0 | 1 | 0 | 0 |
| 17-Jun | 0 | 0 | 0 | 1 | 0 | 0 |
| 18-Jun | 0 | 0 | 0 | 1 | 0 | 0 |
| 19-Jun | 0 | 0 | 0 | 1 | 0 | 0 |
| 20-Jun | 0 | 0 | 0 | 1 | 0 | 0 |
| 21-Jun | 0 | 0 | 0 | 1 | 0 | 0 |
| 22-Jun | 0 | 0 | 0 | 1 | 0 | 0 |
| 23-Jun | 0 | 0 | 0 | 1 | 0 | 0 |
| 24-Jun | 0 | 0 | 0 | 1 | 0 | 0 |
| 25-Jun | 0 | 0 | 0 | 1 | 0 | 0 |
| 26-Jun | 0 | 0 | 0 | 1 | 0 | 0 |
| 27-Jun | 0 | 0 | 0 | 1 | 0 | 0 |
| 28-Jun | 2 | 0 | 0 | 3 | 0 | 0 |
| 29-Jun | 14 | 0 | 0 | 17 | 0 | 0 |
| 30-Jun | 6 | 0 | 0 | 23 | 0 | 0 |
| 1-Jul | 2 | 0 | 0 | 25 | 0 | 0 |
| 2-Jul | 1 | 0 | 0 | 26 | 0 | 0 |
| 3-Jul | 39 | 2 | 0 | 65 | 2 | 0 |
| 4-Jul | 53 | 0 | 0 | 118 | 2 | 0 |
| 5-Jul | 10 | 0 | 0 | 128 | 2 | 0 |
| 6-Jul | 6 | 1 | 0 | 134 | 3 | 0 |
| 7-Jul | 21 | 3 | 0 | 155 | 6 | 0 |
| 8-Jul | 6 | 13 | 0 | 161 | 19 | 0 |
| 9-Jul | 205 | 43 | 20 | 366 | 62 | 20 |
| 10-Jul | 742 | 44 | 24 | 1,108 | 106 | 44 |
| 11-Jul | 772 | 65 | 15 | 1,880 | 171 | 59 |
| 12-Jul | 443 | 295 | 28 | 2,323 | 466 | 87 |
| 13-Jul | 54 | 56 | 19 | 2,377 | 522 | 106 |
| 14-Jul | 6 | 59 | 9 | 2,383 | 581 | 115 |
| 15-Jul | 6 | 12 | 13 | 2,389 | 593 | 128 |
| 16-Jul | 165 | 88 | 110 | 2,554 | 681 | 238 |
| 17-Jul | 35 | 39 | 34 | 2,589 | 720 | 272 |
| 18-Jul | 50 | 23 | 126 | 2,639 | 743 | 398 |
| 19-Jul | 54 | 36 | 241 | 2,693 | 779 | 639 |
| 20-Jul | 32 | 30 | 46 | 2,725 | 809 | 685 |
| 21-Jul | 33 | 60 | 46 | 2,758 | 869 | 731 |
| 22-Jul | 51 | 55 | 38 | 2,809 | 924 | 769 |

-Continued-

Table 19. (page 2 of 2)

| Date | Daily | | | Cumulative | | |
|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | Chinook | Pink | Chum | Chinook | Pink | Chum |
| 23-Jul | 19 | 38 | 180 | 2,828 | 962 | 949 |
| 24-Jul | 68 | 58 | 645 | 2,896 | 1,020 | 1,594 |
| 25-Jul | 4 | 14 | 40 | 2,900 | 1,034 | 1,634 |
| Total | 2,900 | 1,034 | 1,634 | 2,900 | 1,034 | 1,634 |
| Post Weir Escapement | | | | 1,550 | -- | 7,366 |
| Total Escapement | | | | 4,450 | -- | 9,000 |

Table 20. Chinook, pink, and chum salmon daily and cumulative escapement counts through the Bear River weir, 1998.

| Date | Daily | | | Cumulative | | |
|-------------------|---------|------|------|------------|------|------|
| | Chinook | Pink | Chum | Chinook | Pink | Chum |
| May 29 to June 21 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22-Jun | 1 | 0 | 0 | 1 | 0 | 0 |
| 23-Jun | 0 | 0 | 0 | 1 | 0 | 0 |
| 24-Jun | 0 | 0 | 0 | 1 | 0 | 0 |
| 25-Jun | 0 | 0 | 0 | 1 | 0 | 0 |
| 26-Jun | 0 | 2 | 2 | 1 | 2 | 2 |
| 27-Jun | 0 | 0 | 0 | 1 | 2 | 2 |
| 28-Jun | 0 | 0 | 0 | 1 | 2 | 2 |
| 29-Jun | 0 | 2 | 3 | 1 | 4 | 5 |
| 30-Jun | 1 | 0 | 0 | 2 | 4 | 5 |
| 1-Jul | 0 | 0 | 0 | 2 | 4 | 5 |
| 2-Jul | 0 | 0 | 0 | 2 | 4 | 5 |
| 3-Jul | 1 | 1 | 1 | 3 | 5 | 6 |
| 4-Jul | 0 | 0 | 0 | 3 | 5 | 6 |
| 5-Jul | 0 | 0 | 0 | 3 | 5 | 6 |
| 6-Jul | 0 | 3 | 0 | 3 | 8 | 6 |
| 7-Jul | 1 | 10 | 0 | 4 | 18 | 6 |
| 8-Jul | 0 | 13 | 0 | 4 | 31 | 6 |
| 9-Jul | 0 | 9 | 0 | 4 | 40 | 6 |
| 10-Jul | 0 | 5 | 0 | 4 | 45 | 6 |
| 11-Jul | 0 | 5 | 0 | 4 | 50 | 6 |
| 12-Jul | 0 | 23 | 0 | 4 | 73 | 6 |
| 13-Jul | 0 | 40 | 0 | 4 | 113 | 6 |
| 14-Jul | 0 | 43 | 0 | 4 | 156 | 6 |
| 15-Jul | 0 | 31 | 0 | 4 | 187 | 6 |
| 16-Jul | 0 | 33 | 0 | 4 | 220 | 6 |
| 17-Jul | 0 | 40 | 0 | 4 | 260 | 6 |
| 18-Jul | 0 | 54 | 0 | 4 | 314 | 6 |
| 19-Jul | 0 | 34 | 0 | 4 | 348 | 6 |
| 20-Jul | 1 | 42 | 0 | 5 | 390 | 6 |
| 21-Jul | 1 | 44 | 0 | 6 | 434 | 6 |
| 22-Jul | 0 | 27 | 0 | 6 | 461 | 6 |
| 23-Jul | 0 | 55 | 1 | 6 | 516 | 7 |
| 24-Jul | 0 | 49 | 0 | 6 | 565 | 7 |
| 25-Jul | 0 | 71 | 1 | 6 | 636 | 8 |
| 26-Jul | 0 | 75 | 1 | 6 | 711 | 9 |
| 27-Jul | 1 | 53 | 1 | 7 | 764 | 10 |
| 28-Jul | 1 | 44 | 1 | 8 | 808 | 11 |
| 29-Jul | 0 | 18 | 1 | 8 | 826 | 12 |
| 30-Jul | 0 | 19 | 0 | 8 | 845 | 12 |
| 31-Jul | 1 | 41 | 2 | 9 | 886 | 14 |
| 1-Aug | 2 | 47 | 1 | 11 | 933 | 15 |
| 2-Aug | 1 | 40 | 0 | 12 | 973 | 15 |

-Continued-

Table 20. (page 2 of 2)

| Date | Daily | | | Cumulative | | |
|--------|---------|-------|------|------------|-------|------|
| | Chinook | Pink | Chum | Chinook | Pink | Chum |
| 3-Aug | 0 | 10 | 1 | 12 | 983 | 16 |
| 4-Aug | 0 | 38 | 0 | 12 | 1,021 | 16 |
| 5-Aug | 0 | 7 | 0 | 12 | 1,028 | 16 |
| 6-Aug | 2 | 12 | 0 | 14 | 1,040 | 16 |
| 7-Aug | 0 | 3 | 0 | 14 | 1,043 | 16 |
| 8-Aug | 0 | 8 | 0 | 14 | 1,051 | 16 |
| 9-Aug | 3 | 32 | 0 | 17 | 1,083 | 16 |
| 10-Aug | 1 | 31 | 0 | 18 | 1,114 | 16 |
| 11-Aug | 0 | 61 | 0 | 18 | 1,175 | 16 |
| 12-Aug | 0 | 52 | 2 | 18 | 1,227 | 18 |
| 13-Aug | 0 | 39 | 0 | 18 | 1,266 | 18 |
| 14-Aug | 0 | 20 | 4 | 18 | 1,286 | 22 |
| 15-Aug | 0 | 15 | 2 | 18 | 1,301 | 24 |
| 16-Aug | 0 | 32 | 3 | 18 | 1,333 | 27 |
| 17-Aug | 0 | 21 | 2 | 18 | 1,354 | 29 |
| 18-Aug | 0 | 20 | 0 | 18 | 1,374 | 29 |
| 19-Aug | 0 | 78 | 4 | 18 | 1,452 | 33 |
| 20-Aug | 0 | 56 | 7 | 18 | 1,508 | 40 |
| 21-Aug | 0 | 19 | 4 | 18 | 1,527 | 44 |
| 22-Aug | 1 | 47 | 8 | 19 | 1,574 | 52 |
| 23-Aug | 0 | 114 | 19 | 19 | 1,688 | 71 |
| 24-Aug | 0 | 66 | 13 | 19 | 1,754 | 84 |
| 25-Aug | 0 | 20 | 7 | 19 | 1,774 | 91 |
| 26-Aug | 0 | 31 | 5 | 19 | 1,805 | 96 |
| 27-Aug | 0 | 21 | 6 | 19 | 1,826 | 102 |
| 28-Aug | 0 | 13 | 12 | 19 | 1,839 | 114 |
| Total | 19 | 1,839 | 114 | 19 | 1,839 | 114 |

Table 21. Chinook, pink, and chum salmon daily and cumulative escapement counts through the Sandy River weir, 1998.

| Date | Daily | | | Cumulative | | |
|----------------|---------|------|------|------------|------|------|
| | Chinook | Pink | Chum | Chinook | Pink | Chum |
| May 29-June 20 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21-Jun | 1 | 0 | 0 | 1 | 0 | 0 |
| 22-Jun | 0 | 0 | 0 | 1 | 0 | 0 |
| 23-Jun | 0 | 0 | 0 | 1 | 0 | 0 |
| 24-Jun | 0 | 0 | 0 | 1 | 0 | 0 |
| 25-Jun | 1 | 0 | 0 | 2 | 0 | 0 |
| 26-Jun | 0 | 0 | 0 | 2 | 0 | 0 |
| 27-Jun | 0 | 0 | 0 | 2 | 0 | 0 |
| 28-Jun | 2 | 0 | 0 | 4 | 0 | 0 |
| 29-Jun | 0 | 0 | 0 | 4 | 0 | 0 |
| 30-Jun | 2 | 0 | 0 | 6 | 0 | 0 |
| 1-Jul | 10 | 1 | 0 | 16 | 1 | 0 |
| 2-Jul | 15 | 0 | 0 | 31 | 1 | 0 |
| 3-Jul | 7 | 0 | 0 | 38 | 1 | 0 |
| 4-Jul | 14 | 0 | 0 | 52 | 1 | 0 |
| 5-Jul | 7 | 4 | 0 | 59 | 5 | 0 |
| 6-Jul | 9 | 10 | 0 | 68 | 15 | 0 |
| 7-Jul | 2 | 26 | 0 | 70 | 41 | 0 |
| 8-Jul | 5 | 35 | 0 | 75 | 76 | 0 |
| 9-Jul | 14 | 55 | 1 | 89 | 131 | 1 |
| 10-Jul | 1 | 49 | 0 | 90 | 180 | 1 |
| 11-Jul | 8 | 35 | 0 | 98 | 215 | 1 |
| 12-Jul | 3 | 56 | 0 | 101 | 271 | 1 |
| 13-Jul | 3 | 83 | 2 | 104 | 354 | 3 |
| 14-Jul | 12 | 73 | 0 | 116 | 427 | 3 |
| 15-Jul | 7 | 73 | 0 | 123 | 500 | 3 |
| 16-Jul | 8 | 54 | 0 | 131 | 554 | 3 |
| 17-Jul | 11 | 18 | 0 | 142 | 572 | 3 |
| 18-Jul | 5 | 11 | 0 | 147 | 583 | 3 |
| 19-Jul | 15 | 37 | 0 | 162 | 620 | 3 |
| 20-Jul | 6 | 12 | 0 | 168 | 632 | 3 |
| 21-Jul | 9 | 29 | 0 | 177 | 661 | 3 |
| 22-Jul | 21 | 38 | 0 | 198 | 699 | 3 |
| 23-Jul | 10 | 19 | 0 | 208 | 718 | 3 |
| 24-Jul | 24 | 90 | 0 | 232 | 808 | 3 |
| 25-Jul | 8 | 41 | 0 | 240 | 849 | 3 |
| Total | 240 | 849 | 3 | 240 | 849 | 3 |

Table 22. Chinook, pink, and chum salmon daily and cumulative escapement counts through the Ilnik River weir, 1998.

| Date | Daily | | | Cumulative | | |
|-------------------|-----------|-----------|----------|------------|-----------|----------|
| | Chinook | Pink | Chum | Chinook | Pink | Chum |
| May 28 to June 16 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17-Jun | 1 | 0 | 0 | 1 | 0 | 0 |
| 18-Jun | 0 | 0 | 0 | 1 | 0 | 0 |
| 19-Jun | 0 | 0 | 0 | 1 | 0 | 0 |
| 20-Jun | 0 | 0 | 0 | 1 | 0 | 0 |
| 21-Jun | 0 | 0 | 0 | 1 | 0 | 0 |
| 22-Jun | 0 | 0 | 0 | 1 | 0 | 0 |
| 23-Jun | 0 | 0 | 0 | 1 | 0 | 0 |
| 24-Jun | 1 | 0 | 0 | 2 | 0 | 0 |
| 25-Jun | 0 | 0 | 0 | 2 | 0 | 0 |
| 26-Jun | 0 | 0 | 0 | 2 | 0 | 0 |
| 27-Jun | 0 | 0 | 0 | 2 | 0 | 0 |
| 28-Jun | 0 | 0 | 0 | 2 | 0 | 0 |
| 29-Jun | 0 | 0 | 0 | 2 | 0 | 0 |
| 30-Jun | 1 | 0 | 0 | 3 | 0 | 0 |
| 1-Jul | 3 | 0 | 0 | 6 | 0 | 0 |
| 2-Jul | 0 | 0 | 0 | 6 | 0 | 0 |
| 3-Jul | 1 | 0 | 0 | 7 | 0 | 0 |
| 4-Jul | 2 | 0 | 0 | 9 | 0 | 0 |
| 5-Jul | 1 | 0 | 0 | 10 | 0 | 0 |
| 6-Jul | 1 | 0 | 0 | 11 | 0 | 0 |
| 7-Jul | 5 | 0 | 0 | 16 | 0 | 0 |
| 8-Jul | 3 | 2 | 0 | 19 | 2 | 0 |
| 9-Jul | 1 | 1 | 0 | 20 | 3 | 0 |
| 10-Jul | 0 | 1 | 0 | 20 | 4 | 0 |
| 11-Jul | 3 | 1 | 0 | 23 | 5 | 0 |
| 12-Jul | 2 | 8 | 0 | 25 | 13 | 0 |
| 13-Jul | 0 | 4 | 0 | 25 | 17 | 0 |
| 14-Jul | 0 | 9 | 0 | 25 | 26 | 0 |
| 15-Jul | 3 | 11 | 0 | 28 | 37 | 0 |
| 16-Jul | 0 | 20 | 0 | 28 | 57 | 0 |
| 17-Jul | 1 | 2 | 0 | 29 | 59 | 0 |
| 18-Jul | 0 | 4 | 0 | 29 | 63 | 0 |
| 19-Jul | 0 | 16 | 0 | 29 | 79 | 0 |
| Total | 29 | 79 | 0 | 29 | 79 | 0 |

Table 23. Sockeye salmon daily and cumulative escapement counts through the Nelson River weir, 1998.

| Date | Daily | | | Cumulative | | | Daily Percent | | Cumulative Percent | | |
|-------------------|--------|-------|--------|------------|-------|--------|---------------|-------|--------------------|-------|-------|
| | Adults | Jacks | Total | Adults | Jacks | Total | Adults | Jacks | Adults | Jacks | Total |
| May 29 to June 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0% | 0.0% | 0.0% |
| 11-Jun | 20 | 1 | 21 | 20 | 1 | 21 | 95.2 | 4.8 | 0.0% | 0.0% | 0.0% |
| 12-Jun | 6 | 0 | 6 | 26 | 1 | 27 | 100.0 | 0.0 | 0.0% | 0.0% | 0.0% |
| 13-Jun | 9 | 1 | 10 | 35 | 2 | 37 | 90.0 | 10.0 | 0.0% | 0.0% | 0.0% |
| 14-Jun | 1 | 1 | 2 | 36 | 3 | 39 | 50.0 | 50.0 | 0.0% | 0.0% | 0.0% |
| 15-Jun | 1 | 0 | 1 | 37 | 3 | 40 | 100.0 | 0.0 | 0.0% | 0.0% | 0.0% |
| 16-Jun | 49 | 7 | 56 | 86 | 10 | 96 | 87.5 | 12.5 | 0.1% | 0.0% | 0.1% |
| 17-Jun | 0 | 1 | 1 | 86 | 11 | 97 | 0.0 | 100.0 | 0.1% | 0.0% | 0.1% |
| 18-Jun | 3 | 0 | 3 | 89 | 11 | 100 | 100.0 | 0.0 | 0.1% | 0.0% | 0.1% |
| 19-Jun | 1 | 1 | 2 | 90 | 12 | 102 | 50.0 | 50.0 | 0.1% | 0.0% | 0.1% |
| 20-Jun | 0 | 1 | 1 | 90 | 13 | 103 | 0.0 | 100.0 | 0.1% | 0.0% | 0.1% |
| 21-Jun | 4 | 0 | 4 | 94 | 13 | 107 | 100.0 | 0.0 | 0.1% | 0.0% | 0.1% |
| 22-Jun | 11 | 1 | 12 | 105 | 14 | 119 | 91.7 | 8.3 | 0.1% | 0.0% | 0.1% |
| 23-Jun | 1 | 0 | 1 | 106 | 14 | 120 | 100.0 | 0.0 | 0.1% | 0.0% | 0.1% |
| 24-Jun | 24 | 4 | 28 | 130 | 18 | 148 | 85.7 | 14.3 | 0.1% | 0.0% | 0.1% |
| 25-Jun | 29 | 6 | 35 | 159 | 24 | 183 | 82.9 | 17.1 | 0.1% | 0.0% | 0.1% |
| 26-Jun | 223 | 26 | 249 | 382 | 50 | 432 | 89.6 | 10.4 | 0.3% | 0.0% | 0.3% |
| 27-Jun | 5,221 | 478 | 5,699 | 5,603 | 528 | 6,131 | 91.6 | 8.4 | 3.7% | 0.3% | 4.0% |
| 28-Jun | 5,211 | 280 | 5,491 | 10,814 | 808 | 11,622 | 94.9 | 5.1 | 7.1% | 0.5% | 7.6% |
| 29-Jun | 11,974 | 698 | 12,672 | 22,788 | 1,506 | 24,294 | 94.5 | 5.5 | 14.9% | 1.0% | 15.9% |
| 30-Jun | 8,887 | 282 | 9,169 | 31,675 | 1,788 | 33,463 | 96.9 | 3.1 | 20.7% | 1.2% | 21.9% |
| 1-Jul | 3,862 | 209 | 4,071 | 35,537 | 1,997 | 37,534 | 94.9 | 5.1 | 23.3% | 1.3% | 24.6% |
| 2-Jul | 4,214 | 318 | 4,532 | 39,751 | 2,315 | 42,066 | 93.0 | 7.0 | 26.0% | 1.5% | 27.5% |
| 3-Jul | 5,615 | 251 | 5,866 | 45,366 | 2,566 | 47,932 | 95.7 | 4.3 | 29.7% | 1.7% | 31.4% |
| 4-Jul | 6,908 | 508 | 7,416 | 52,274 | 3,074 | 55,348 | 93.1 | 6.9 | 34.2% | 2.0% | 36.2% |
| 5-Jul | 9,256 | 525 | 9,781 | 61,530 | 3,599 | 65,129 | 94.6 | 5.4 | 40.3% | 2.4% | 42.6% |
| 6-Jul | 6,460 | 529 | 6,989 | 67,990 | 4,128 | 72,118 | 92.4 | 7.6 | 44.5% | 2.7% | 47.2% |
| 7-Jul | 7,884 | 1,029 | 8,913 | 75,874 | 5,157 | 81,031 | 88.5 | 11.5 | 49.7% | 3.4% | 53.0% |
| 8-Jul | 3,565 | 732 | 4,297 | 79,439 | 5,889 | 85,328 | 83.0 | 17.0 | 52.0% | 3.9% | 55.9% |
| 9-Jul | 6,036 | 1,028 | 7,064 | 85,475 | 6,917 | 92,392 | 85.4 | 14.6 | 55.9% | 4.5% | 60.5% |

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Table 23. (page 2 of 2)

| Date | Daily | | | Cumulative | | | Daily Percent | | Cumulative Percent | | |
|--|---------|--------|---------|------------|--------|---------|---------------|-------|--------------------|-------|-------|
| | Adults | Jacks | Total | Adults | Jacks | Total | Adults | Jacks | Adults | Jacks | Total |
| 10-Jul | 5,596 | 1,010 | 6,606 | 91,071 | 7,927 | 98,998 | 84.7 | 15.3 | 59.6% | 5.2% | 64.8% |
| 11-Jul | 6,452 | 1,030 | 7,482 | 97,523 | 8,957 | 106,480 | 86.2 | 13.8 | 63.8% | 5.9% | 69.7% |
| 12-Jul | 9,182 | 1,102 | 10,284 | 106,705 | 10,059 | 116,764 | 89.3 | 10.7 | 69.8% | 6.6% | 76.4% |
| 13-Jul | 6,450 | 1,203 | 7,653 | 113,155 | 11,262 | 124,417 | 84.3 | 15.7 | 74.1% | 7.4% | 81.4% |
| 14-Jul | 3,093 | 928 | 4,021 | 116,248 | 12,190 | 128,438 | 76.9 | 23.1 | 76.1 | 8.0 | 84.1 |
| 15-Jul | 1,339 | 235 | 1,574 | 117,587 | 12,425 | 130,012 | 85.1 | 14.9 | 77.0 | 8.1 | 85.1 |
| 16-Jul | 4,694 | 1,132 | 5,826 | 122,281 | 13,557 | 135,838 | 80.6 | 19.4 | 80.0 | 8.9 | 88.9 |
| 17-Jul | 1,257 | 570 | 1,827 | 123,538 | 14,127 | 137,665 | 68.8 | 31.2 | 80.9 | 9.2 | 90.1 |
| 18-Jul | 2,413 | 613 | 3,026 | 125,951 | 14,740 | 140,691 | 79.7 | 20.3 | 82.4 | 9.6 | 92.1 |
| 19-Jul | 2,175 | 557 | 2,732 | 128,126 | 15,297 | 143,423 | 79.6 | 20.4 | 83.9 | 10.0 | 93.9 |
| 20-Jul | 1,536 | 565 | 2,101 | 129,662 | 15,862 | 145,524 | 73.1 | 26.9 | 84.9 | 10.4 | 95.3 |
| 21-Jul | 1,549 | 669 | 2,218 | 131,211 | 16,531 | 147,742 | 69.8 | 30.2 | 85.9 | 10.8 | 96.7 |
| 22-Jul | 1,239 | 542 | 1,781 | 132,450 | 17,073 | 149,523 | 69.6 | 30.4 | 86.7 | 11.2 | 97.9 |
| 23-Jul | 747 | 377 | 1,124 | 133,197 | 17,450 | 150,647 | 66.5 | 33.5 | 87.2 | 11.4 | 98.6 |
| 24-Jul | 928 | 384 | 1,312 | 134,125 | 17,834 | 151,959 | 70.7 | 29.3 | 87.8 | 11.7 | 99.5 |
| 25-Jul | 585 | 235 | 820 | 134,710 | 18,069 | 152,779 | 71.3 | 28.7 | 88.2 | 11.8 | 100.0 |
| Total | 134,710 | 18,069 | 152,779 | 134,710 | 18,069 | 152,779 | 88.2 | 11.8 | 88.2 | 11.8 | 100.0 |
| Post Weir Sockeye Escapement Estimate: | | | | 7,031 | | | | | | | |
| Estimated Total Sockeye Escapement: | | | | 159,810 | | | | | | | |

^aPost 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 weirs were removed.

Table 24. Sockeye salmon daily and cumulative escapement counts through the Bear River weir, 1998.

| Date | Daily | | | Cumulative | | | Daily Percent | | Cumulative Percent | | |
|--------|--------|-------|--------|------------|-------|--------|---------------|-------|--------------------|-------|-------|
| | Adults | Jacks | Total | Adults | Jacks | Total | Adults | Jacks | Adults | Jacks | Total |
| 31-May | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1-Jun | 10 | 0 | 10 | 10 | 0 | 10 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 2-Jun | 28 | 0 | 28 | 38 | 0 | 38 | 100.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 3-Jun | 43 | 0 | 43 | 81 | 0 | 81 | 100.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 4-Jun | 82 | 0 | 82 | 163 | 0 | 163 | 100.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 5-Jun | 8 | 0 | 8 | 171 | 0 | 171 | 100.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 6-Jun | 71 | 0 | 71 | 242 | 0 | 242 | 100.0 | 0.0 | 0.1 | 0.0 | 0.1 |
| 7-Jun | 50 | 0 | 50 | 292 | 0 | 292 | 100.0 | 0.0 | 0.1 | 0.0 | 0.1 |
| 8-Jun | 57 | 0 | 57 | 349 | 0 | 349 | 100.0 | 0.0 | 0.1 | 0.0 | 0.1 |
| 9-Jun | 2 | 0 | 2 | 351 | 0 | 351 | 100.0 | 0.0 | 0.1 | 0.0 | 0.1 |
| 10-Jun | 28 | 0 | 28 | 379 | 0 | 379 | 100.0 | 0.0 | 0.1 | 0.0 | 0.1 |
| 11-Jun | 70 | 0 | 70 | 449 | 0 | 449 | 100.0 | 0.0 | 0.1 | 0.0 | 0.1 |
| 12-Jun | 260 | 7 | 267 | 709 | 7 | 716 | 97.4 | 2.6 | 0.2 | 0.0 | 0.2 |
| 13-Jun | 277 | 12 | 289 | 986 | 19 | 1,005 | 95.8 | 4.2 | 0.3 | 0.0 | 0.3 |
| 14-Jun | 89 | 9 | 98 | 1,075 | 28 | 1,103 | 90.8 | 9.2 | 0.3 | 0.0 | 0.3 |
| 15-Jun | 3,579 | 251 | 3,830 | 4,654 | 279 | 4,933 | 93.4 | 6.6 | 1.3 | 0.1 | 1.4 |
| 16-Jun | 1,557 | 147 | 1,704 | 6,211 | 426 | 6,637 | 91.4 | 8.6 | 1.7 | 0.1 | 1.8 |
| 17-Jun | 2,387 | 235 | 2,622 | 8,598 | 661 | 9,259 | 91.0 | 9.0 | 2.4 | 0.2 | 2.6 |
| 18-Jun | 2,293 | 81 | 2,374 | 10,891 | 742 | 11,633 | 96.6 | 3.4 | 3.0 | 0.2 | 3.2 |
| 19-Jun | 2,236 | 19 | 2,255 | 13,127 | 761 | 13,888 | 99.2 | 0.8 | 3.6 | 0.2 | 3.8 |
| 20-Jun | 1,803 | 17 | 1,820 | 14,930 | 778 | 15,708 | 99.1 | 0.9 | 4.1 | 0.2 | 4.3 |
| 21-Jun | 919 | 12 | 931 | 15,849 | 790 | 16,639 | 98.7 | 1.3 | 4.4 | 0.2 | 4.6 |
| 22-Jun | 898 | 8 | 906 | 16,747 | 798 | 17,545 | 99.1 | 0.9 | 4.6 | 0.2 | 4.8 |
| 23-Jun | 121 | 8 | 129 | 16,868 | 806 | 17,674 | 93.8 | 6.2 | 4.7 | 0.2 | 4.9 |
| 24-Jun | 1,303 | 57 | 1,360 | 18,171 | 863 | 19,034 | 95.8 | 4.2 | 5.0 | 0.2 | 5.2 |
| 25-Jun | 10,787 | 222 | 11,009 | 28,958 | 1,085 | 30,043 | 98.0 | 2.0 | 8.0 | 0.3 | 8.3 |
| 26-Jun | 23,797 | 290 | 24,087 | 52,755 | 1,375 | 54,130 | 98.8 | 1.2 | 14.5 | 0.4 | 14.9 |

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Table 24. (page 2 of 4)

| Date | Daily | | | Cumulative | | | Daily Percent | | Cumulative Percent | | |
|--------|--------|-------|--------|------------|--------|---------|---------------|-------|--------------------|-------|-------|
| | Adults | Jacks | Total | Adults | Jacks | Total | Adults | Jacks | Adults | Jacks | Total |
| 27-Jun | 2,970 | 67 | 3,037 | 55,725 | 1,442 | 57,167 | 97.8 | 2.2 | 15.4 | 0.4 | 15.8 |
| 28-Jun | 1,715 | 53 | 1,768 | 57,440 | 1,495 | 58,935 | 97.0 | 3.0 | 15.8 | 0.4 | 16.2 |
| 29-Jun | 12,125 | 182 | 12,307 | 69,565 | 1,677 | 71,242 | 98.5 | 1.5 | 19.2 | 0.5 | 19.6 |
| 30-Jun | 28,606 | 270 | 28,876 | 98,171 | 1,947 | 100,118 | 99.1 | 0.9 | 27.1 | 0.5 | 27.6 |
| 1-Jul | 5,306 | 145 | 5,451 | 103,477 | 2,092 | 105,569 | 97.3 | 2.7 | 28.5 | 0.6 | 29.1 |
| 2-Jul | 2,082 | 93 | 2,175 | 105,559 | 2,185 | 107,744 | 95.7 | 4.3 | 29.1 | 0.6 | 29.7 |
| 3-Jul | 2,237 | 124 | 2,361 | 107,796 | 2,309 | 110,105 | 94.7 | 5.3 | 29.7 | 0.6 | 30.4 |
| 4-Jul | 2,896 | 242 | 3,138 | 110,692 | 2,551 | 113,243 | 92.3 | 7.7 | 30.5 | 0.7 | 31.2 |
| 5-Jul | 4,221 | 254 | 4,475 | 114,913 | 2,805 | 117,718 | 94.3 | 5.7 | 31.7 | 0.8 | 32.5 |
| 6-Jul | 5,301 | 209 | 5,510 | 120,214 | 3,014 | 123,228 | 96.2 | 3.8 | 33.1 | 0.8 | 34.0 |
| 7-Jul | 12,998 | 516 | 13,514 | 133,212 | 3,530 | 136,742 | 96.2 | 3.8 | 36.7 | 1.0 | 37.7 |
| 8-Jul | 15,355 | 606 | 15,961 | 148,567 | 4,136 | 152,703 | 96.2 | 3.8 | 41.0 | 1.1 | 42.1 |
| 9-Jul | 4,940 | 420 | 5,360 | 153,507 | 4,556 | 158,063 | 92.2 | 7.8 | 42.3 | 1.3 | 43.6 |
| 10-Jul | 2,013 | 312 | 2,325 | 155,520 | 4,868 | 160,388 | 86.6 | 13.4 | 42.9 | 1.3 | 44.2 |
| 11-Jul | 1,905 | 520 | 2,425 | 157,425 | 5,388 | 162,813 | 78.6 | 21.4 | 43.4 | 1.5 | 44.9 |
| 12-Jul | 1,646 | 1,021 | 2,667 | 159,071 | 6,409 | 165,480 | 61.7 | 38.3 | 43.9 | 1.8 | 45.6 |
| 13-Jul | 2,941 | 1,396 | 4,337 | 162,012 | 7,805 | 169,817 | 67.8 | 32.2 | 44.7 | 2.2 | 46.8 |
| 14-Jul | 3,160 | 1,131 | 4,291 | 165,172 | 8,936 | 174,108 | 73.6 | 26.4 | 45.5 | 2.5 | 48.0 |
| 15-Jul | 2,713 | 1,059 | 3,772 | 167,885 | 9,995 | 177,880 | 71.9 | 28.1 | 46.3 | 2.8 | 49.0 |
| 16-Jul | 1,143 | 520 | 1,663 | 169,028 | 10,515 | 179,543 | 68.7 | 31.3 | 46.6 | 2.9 | 49.5 |
| 17-Jul | 1,303 | 626 | 1,929 | 170,331 | 11,141 | 181,472 | 67.5 | 32.5 | 47.0 | 3.1 | 50.0 |
| 18-Jul | 1,318 | 1,092 | 2,410 | 171,649 | 12,233 | 183,882 | 54.7 | 45.3 | 47.3 | 3.4 | 50.7 |
| 19-Jul | 411 | 211 | 622 | 172,060 | 12,444 | 184,504 | 66.1 | 33.9 | 47.4 | 3.4 | 50.9 |
| 20-Jul | 497 | 247 | 744 | 172,557 | 12,691 | 185,248 | 66.8 | 33.2 | 47.6 | 3.5 | 51.1 |
| 21-Jul | 2,228 | 1,202 | 3,430 | 174,785 | 13,893 | 188,678 | 65.0 | 35.0 | 48.2 | 3.8 | 52.0 |
| 22-Jul | 1,579 | 1,079 | 2,658 | 176,364 | 14,972 | 191,336 | 59.4 | 40.6 | 48.6 | 4.1 | 52.8 |
| 23-Jul | 1,353 | 878 | 2,231 | 177,717 | 15,850 | 193,567 | 60.6 | 39.4 | 49.0 | 4.4 | 53.4 |

-Continued-

Table 24. (page 3 of 4)

| Date | Daily | | | Cumulative | | | Daily Percent | | Cumulative Percent | | |
|--------|--------|-------|--------|------------|--------|---------|---------------|-------|--------------------|-------|-------|
| | Adults | Jacks | Total | Adults | Jacks | Total | Adults | Jacks | Adults | Jacks | Total |
| 24-Jul | 719 | 404 | 1,123 | 178,436 | 16,254 | 194,690 | 64.0 | 36.0 | 49.2 | 4.5 | 53.7 |
| 25-Jul | 1,894 | 734 | 2,628 | 180,330 | 16,988 | 197,318 | 72.1 | 27.9 | 49.7 | 4.7 | 54.4 |
| 26-Jul | 2,777 | 859 | 3,636 | 183,107 | 17,847 | 200,954 | 76.4 | 23.6 | 50.5 | 4.9 | 55.4 |
| 27-Jul | 3,840 | 966 | 4,806 | 186,947 | 18,813 | 205,760 | 79.9 | 20.1 | 51.5 | 5.2 | 56.7 |
| 28-Jul | 3,356 | 1,027 | 4,383 | 190,303 | 19,840 | 210,143 | 76.6 | 23.4 | 52.5 | 5.5 | 57.9 |
| 29-Jul | 1,881 | 479 | 2,360 | 192,184 | 20,319 | 212,503 | 79.7 | 20.3 | 53.0 | 5.6 | 58.6 |
| 30-Jul | 2,165 | 480 | 2,645 | 194,349 | 20,799 | 215,148 | 81.9 | 18.1 | 53.6 | 5.7 | 59.3 |
| 31-Jul | 4,935 | 1,497 | 6,432 | 199,284 | 22,296 | 221,580 | 76.7 | 23.3 | 54.9 | 6.1 | 61.1 |
| 1-Aug | 8,155 | 2,200 | 10,355 | 207,439 | 24,496 | 231,935 | 78.8 | 21.2 | 57.2 | 6.8 | 64.0 |
| 2-Aug | 5,576 | 1,474 | 7,050 | 213,015 | 25,970 | 238,985 | 79.1 | 20.9 | 58.7 | 7.2 | 65.9 |
| 3-Aug | 1,487 | 493 | 1,980 | 214,502 | 26,463 | 240,965 | 75.1 | 24.9 | 59.1 | 7.3 | 66.4 |
| 4-Aug | 3,158 | 866 | 4,024 | 217,660 | 27,329 | 244,989 | 78.5 | 21.5 | 60.0 | 7.5 | 67.5 |
| 5-Aug | 184 | 68 | 252 | 217,844 | 27,397 | 245,241 | 73.0 | 27.0 | 60.1 | 7.6 | 67.6 |
| 6-Aug | 398 | 188 | 586 | 218,242 | 27,585 | 245,827 | 67.9 | 32.1 | 60.2 | 7.6 | 67.8 |
| 7-Aug | 220 | 90 | 310 | 218,462 | 27,675 | 246,137 | 71.0 | 29.0 | 60.2 | 7.6 | 67.9 |
| 8-Aug | 147 | 63 | 210 | 218,609 | 27,738 | 246,347 | 70.0 | 30.0 | 60.3 | 7.6 | 67.9 |
| 9-Aug | 994 | 563 | 1,557 | 219,603 | 28,301 | 247,904 | 63.8 | 36.2 | 60.6 | 7.8 | 68.4 |
| 10-Aug | 1,007 | 527 | 1,534 | 220,610 | 28,828 | 249,438 | 65.6 | 34.4 | 60.8 | 7.9 | 68.8 |
| 11-Aug | 1,636 | 655 | 2,291 | 222,246 | 29,483 | 251,729 | 71.4 | 28.6 | 61.3 | 8.1 | 69.4 |
| 12-Aug | 4,421 | 1,284 | 5,705 | 226,667 | 30,767 | 257,434 | 77.5 | 22.5 | 62.5 | 8.5 | 71.0 |
| 13-Aug | 3,582 | 790 | 4,372 | 230,249 | 31,557 | 261,806 | 81.9 | 18.1 | 63.5 | 8.7 | 72.2 |
| 14-Aug | 2,165 | 400 | 2,565 | 232,414 | 31,957 | 264,371 | 84.4 | 15.6 | 64.1 | 8.8 | 72.9 |
| 15-Aug | 3,277 | 508 | 3,785 | 235,691 | 32,465 | 268,156 | 86.6 | 13.4 | 65.0 | 9.0 | 73.9 |
| 16-Aug | 6,041 | 582 | 6,623 | 241,732 | 33,047 | 274,779 | 91.2 | 8.8 | 66.7 | 9.1 | 75.8 |
| 17-Aug | 5,718 | 402 | 6,120 | 247,450 | 33,449 | 280,899 | 93.4 | 6.6 | 68.2 | 9.2 | 77.5 |
| 18-Aug | 4,863 | 541 | 5,404 | 252,313 | 33,990 | 286,303 | 90.0 | 10.0 | 69.6 | 9.4 | 78.9 |
| 19-Aug | 10,383 | 984 | 11,367 | 262,696 | 34,974 | 297,670 | 91.3 | 8.7 | 72.4 | 9.6 | 82.1 |

-Continued-

Table 24. (page 4 of 4)

| Date | Daily | | | Cumulative | | | Daily Percent | | Cumulative Percent | | |
|--|---------|--------|---------|------------|--------|---------|---------------|-------|--------------------|-------|-------|
| | Adults | Jacks | Total | Adults | Jacks | Total | Adults | Jacks | Adults | Jacks | Total |
| 20-Aug | 5,699 | 568 | 6,267 | 268,395 | 35,542 | 303,937 | 90.9 | 9.1 | 74.0 | 9.8 | 83.8 |
| 21-Aug | 5,434 | 499 | 5,933 | 273,829 | 36,041 | 309,870 | 91.6 | 8.4 | 75.5 | 9.9 | 85.4 |
| 22-Aug | 4,697 | 547 | 5,244 | 278,526 | 36,588 | 315,114 | 89.6 | 10.4 | 76.8 | 10.1 | 86.9 |
| 23-Aug | 15,146 | 924 | 16,070 | 293,672 | 37,512 | 331,184 | 94.3 | 5.7 | 81.0 | 10.3 | 91.3 |
| 24-Aug | 13,482 | 718 | 14,200 | 307,154 | 38,230 | 345,384 | 94.9 | 5.1 | 84.7 | 10.5 | 95.2 |
| 25-Aug | 7,070 | 405 | 7,475 | 314,224 | 38,635 | 352,859 | 94.6 | 5.4 | 86.6 | 10.7 | 97.3 |
| 26-Aug | 3,128 | 212 | 3,340 | 317,352 | 38,847 | 356,199 | 93.7 | 6.3 | 87.5 | 10.7 | 98.2 |
| 27-Aug | 4,388 | 302 | 4,690 | 321,740 | 39,149 | 360,889 | 93.6 | 6.4 | 88.7 | 10.8 | 99.5 |
| 28-Aug | 1,719 | 72 | 1,791 | 323,459 | 39,221 | 362,680 | 96.0 | 4.0 | 89.2 | 10.8 | 100.0 |
| Total | 323,459 | 39,221 | 362,680 | | | | | | | | |
| Post Weir Sockeye Escapement Estimate: | | | | 52,320 | | | | | | | |
| Estimated Total Sockeye Escapement: | | | | 415,000 | | | | | | | |

^aPost 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 weirs were removed.

Table 25. Sockeye salmon daily and cumulative escapement counts through the Sandy River weir, 1998.

| Date | Daily | | | Cumulative | | | Daily Percent | | Cumulative Percent | | |
|-----------|--------|-------|-------|------------|-------|--------|---------------|-------|--------------------|-------|-------|
| | Adults | Jacks | Total | Adults | Jacks | Total | Adults | Jacks | Adults | Jacks | Total |
| June 3-15 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 16-Jun | 13 | 1 | 14 | 13 | 1 | 14 | 92.9 | 7.1 | 0.0 | 0.0 | 0.0 |
| 17-Jun | 26 | 3 | 29 | 39 | 4 | 43 | 89.7 | 10.3 | 0.1 | 0.0 | 0.1 |
| 18-Jun | 48 | 6 | 54 | 87 | 10 | 97 | 0.0 | 0.0 | 0.2 | 0.0 | 0.2 |
| 19-Jun | 60 | 7 | 67 | 147 | 17 | 164 | 89.6 | 10.4 | 0.3 | 0.0 | 0.3 |
| 20-Jun | 41 | 3 | 44 | 188 | 20 | 208 | 93.2 | 6.8 | 0.4 | 0.0 | 0.4 |
| 21-Jun | 43 | 6 | 49 | 231 | 26 | 257 | 87.8 | 12.2 | 0.5 | 0.1 | 0.5 |
| 22-Jun | 99 | 7 | 106 | 330 | 33 | 363 | 93.4 | 6.6 | 0.7 | 0.1 | 0.7 |
| 23-Jun | 15 | 1 | 16 | 345 | 34 | 379 | 93.8 | 6.3 | 0.7 | 0.1 | 0.8 |
| 24-Jun | 148 | 7 | 155 | 493 | 41 | 534 | 95.5 | 4.5 | 1.0 | 0.1 | 1.1 |
| 25-Jun | 116 | 11 | 127 | 609 | 52 | 661 | 91.3 | 8.7 | 1.2 | 0.1 | 1.3 |
| 26-Jun | 82 | 8 | 90 | 691 | 60 | 751 | 91.1 | 8.9 | 1.4 | 0.1 | 1.5 |
| 27-Jun | 111 | 13 | 124 | 802 | 73 | 875 | 89.5 | 10.5 | 1.6 | 0.1 | 1.7 |
| 28-Jun | 379 | 63 | 442 | 1,181 | 136 | 1,317 | 85.7 | 14.3 | 2.4 | 0.3 | 2.6 |
| 29-Jun | 822 | 100 | 922 | 2,003 | 236 | 2,239 | 89.2 | 10.8 | 4.0 | 0.5 | 4.5 |
| 30-Jun | 4,581 | 237 | 4,818 | 6,584 | 473 | 7,057 | 95.1 | 4.9 | 13.2 | 0.9 | 14.1 |
| 1-Jul | 6,040 | 543 | 6,583 | 12,624 | 1,016 | 13,640 | 91.8 | 8.2 | 25.2 | 2.0 | 27.3 |
| 2-Jul | 2,861 | 271 | 3,132 | 15,485 | 1,287 | 16,772 | 91.3 | 8.7 | 30.9 | 2.6 | 33.5 |
| 3-Jul | 1,006 | 125 | 1,131 | 16,491 | 1,412 | 17,903 | 88.9 | 11.1 | 33.0 | 2.8 | 35.8 |
| 4-Jul | 849 | 61 | 910 | 17,340 | 1,473 | 18,813 | 93.3 | 6.7 | 34.6 | 2.9 | 37.6 |
| 5-Jul | 1,618 | 85 | 1,703 | 18,958 | 1,558 | 20,516 | 95.0 | 5.0 | 37.9 | 3.1 | 41.0 |
| 6-Jul | 1,609 | 55 | 1,664 | 20,567 | 1,613 | 22,180 | 96.7 | 3.3 | 41.1 | 3.2 | 44.3 |
| 7-Jul | 2,031 | 90 | 2,121 | 22,598 | 1,703 | 24,301 | 95.8 | 4.2 | 45.2 | 3.4 | 48.6 |
| 8-Jul | 2,300 | 97 | 2,397 | 24,898 | 1,800 | 26,698 | 96.0 | 4.0 | 49.8 | 3.6 | 53.3 |
| 9-Jul | 2,972 | 103 | 3,075 | 27,870 | 1,903 | 29,773 | 96.7 | 3.3 | 55.7 | 3.8 | 59.5 |
| 10-Jul | 2,735 | 128 | 2,863 | 30,605 | 2,031 | 32,636 | 95.5 | 4.5 | 61.2 | 4.1 | 65.2 |
| 11-Jul | 1,994 | 83 | 2,077 | 32,599 | 2,114 | 34,713 | 96.0 | 4.0 | 65.1 | 4.2 | 69.4 |
| 12-Jul | 1,631 | 72 | 1,703 | 34,230 | 2,186 | 36,416 | 95.8 | 4.2 | 68.4 | 4.4 | 72.8 |

-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 |
| 13-Jul | 1,826 | 123 | 1,949 | 36,056 | 2,309 | 38,365 | 93.7 | 6.3 | 72.0 | 4.6 | 76.7 |
| 14-Jul | 932 | 88 | 1,020 | 36,988 | 2,397 | 39,385 | 91.4 | 8.6 | 73.9 | 4.8 | 78.7 |
| 15-Jul | 1,080 | 127 | 1,207 | 38,068 | 2,524 | 40,592 | 89.5 | 10.5 | 76.1 | 5.0 | 81.1 |
| 16-Jul | 1,541 | 92 | 1,633 | 39,609 | 2,616 | 42,225 | 94.4 | 5.6 | 79.1 | 5.2 | 84.4 |
| 17-Jul | 1,650 | 46 | 1,696 | 41,259 | 2,662 | 43,921 | 97.3 | 2.7 | 82.4 | 5.3 | 87.8 |
| 18-Jul | 251 | 25 | 276 | 41,510 | 2,687 | 44,197 | 90.9 | 9.1 | 82.9 | 5.4 | 88.3 |
| 19-Jul | 1,146 | 108 | 1,254 | 42,656 | 2,795 | 45,451 | 91.4 | 8.6 | 85.2 | 5.6 | 90.8 |
| 20-Jul | 775 | 45 | 820 | 43,431 | 2,840 | 46,271 | 94.5 | 5.5 | 86.8 | 5.7 | 92.5 |
| 21-Jul | 776 | 23 | 799 | 44,207 | 2,863 | 47,070 | 97.1 | 2.9 | 88.3 | 5.7 | 94.1 |
| 22-Jul | 834 | 70 | 904 | 45,041 | 2,933 | 47,974 | 92.3 | 7.7 | 90.0 | 5.9 | 95.9 |
| 23-Jul | 659 | 40 | 699 | 45,700 | 2,973 | 48,673 | 94.3 | 5.7 | 91.3 | 5.9 | 97.3 |
| 24-Jul | 713 | 59 | 772 | 46,413 | 3,032 | 49,445 | 92.4 | 7.6 | 92.7 | 6.1 | 98.8 |
| 25-Jul | 529 | 72 | 601 | 46,942 | 3,104 | 50,046 | 88.0 | 12.0 | 93.8 | 6.2 | 100.0 |
| Total | 46,942 | 3,104 | 50,046 | | | | | | | | |
| Post Weir Sockeye Escapement Estimate: | | | | 1,954 | | | | | | | |
| Estimated Total Sockeye Escapement: | | | | 52,000 | | | | | | | |

^aPost 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 weirs were removed.

Table 26. Sockeye salmon daily and cumulative escapement counts through the Ilnik River weir, 1998.

| Date | Daily | | | Cumulative | | | Daily Percent | | Cumulative Percent | | |
|--------|--------|-------|-------|------------|-------|--------|---------------|-------|--------------------|-------|-------|
| | Adults | Jacks | Total | Adults | Jacks | Total | Adults | Jacks | Adults | Jacks | Total |
| 30-May | 30 | 0 | 30 | 30 | 0 | 30 | 100.0 | 0.0 | 0.1 | 0.0 | 0.1 |
| 31-May | 59 | 0 | 59 | 89 | 0 | 89 | 100.0 | 0.0 | 0.2 | 0.0 | 0.2 |
| 1-Jun | 40 | 0 | 40 | 129 | 0 | 129 | 100.0 | 0.0 | 0.3 | 0.0 | 0.3 |
| 2-Jun | 7 | 0 | 7 | 136 | 0 | 136 | 100.0 | 0.0 | 0.3 | 0.0 | 0.3 |
| 3-Jun | 15 | 0 | 15 | 151 | 0 | 151 | 100.0 | 0.0 | 0.3 | 0.0 | 0.3 |
| 4-Jun | 0 | 0 | 0 | 151 | 0 | 151 | — | — | 0.3 | 0.0 | 0.3 |
| 5-Jun | 5 | 0 | 5 | 156 | 0 | 156 | 100.0 | 0.0 | 0.3 | 0.0 | 0.3 |
| 6-Jun | 2 | 0 | 2 | 158 | 0 | 158 | 100.0 | 0.0 | 0.3 | 0.0 | 0.3 |
| 7-Jun | 0 | 0 | 0 | 158 | 0 | 158 | — | — | 0.3 | 0.0 | 0.3 |
| 8-Jun | 4 | 0 | 4 | 162 | 0 | 162 | 100.0 | 0.0 | 0.3 | 0.0 | 0.3 |
| 9-Jun | 10 | 0 | 10 | 172 | 0 | 172 | 100.0 | 0.0 | 0.4 | 0.0 | 0.4 |
| 10-Jun | 12 | 0 | 12 | 184 | 0 | 184 | 100.0 | 0.0 | 0.4 | 0.0 | 0.4 |
| 11-Jun | 53 | 0 | 53 | 237 | 0 | 237 | 100.0 | 0.0 | 0.5 | 0.0 | 0.5 |
| 12-Jun | 90 | 0 | 90 | 327 | 0 | 327 | 100.0 | 0.0 | 0.7 | 0.0 | 0.7 |
| 13-Jun | 119 | 0 | 119 | 446 | 0 | 446 | 100.0 | 0.0 | 0.9 | 0.0 | 0.9 |
| 14-Jun | 200 | 3 | 203 | 646 | 3 | 649 | 98.5 | 1.5 | 1.3 | 0.0 | 1.4 |
| 15-Jun | 664 | 20 | 684 | 1,310 | 23 | 1,333 | 97.1 | 2.9 | 2.7 | 0.0 | 2.8 |
| 16-Jun | 194 | 6 | 200 | 1,504 | 29 | 1,533 | 97.0 | 3.0 | 3.1 | 0.1 | 3.2 |
| 17-Jun | 562 | 16 | 578 | 2,066 | 45 | 2,111 | 97.2 | 2.8 | 4.3 | 0.1 | 4.4 |
| 18-Jun | 737 | 11 | 748 | 2,803 | 56 | 2,859 | 98.5 | 1.5 | 5.8 | 0.1 | 6.0 |
| 19-Jun | 1,283 | 12 | 1,295 | 4,086 | 68 | 4,154 | 99.1 | 0.9 | 8.5 | 0.1 | 8.6 |
| 20-Jun | 1,472 | 15 | 1,487 | 5,558 | 83 | 5,641 | 99.0 | 1.0 | 11.6 | 0.2 | 11.7 |
| 21-Jun | 1,237 | 20 | 1,257 | 6,795 | 103 | 6,898 | 98.4 | 1.6 | 14.1 | 0.2 | 14.4 |
| 22-Jun | 1,045 | 23 | 1,068 | 7,840 | 126 | 7,966 | 97.8 | 2.2 | 16.3 | 0.3 | 16.6 |
| 23-Jun | 818 | 28 | 846 | 8,658 | 154 | 8,812 | 96.7 | 3.3 | 18.0 | 0.3 | 18.3 |
| 24-Jun | 1,596 | 51 | 1,647 | 10,254 | 205 | 10,459 | 96.9 | 3.1 | 21.3 | 0.4 | 21.8 |
| 25-Jun | 635 | 36 | 671 | 10,889 | 241 | 11,130 | 94.6 | 5.4 | 22.7 | 0.5 | 23.2 |
| 26-Jun | 369 | 16 | 385 | 11,258 | 257 | 11,515 | 95.8 | 4.2 | 23.4 | 0.5 | 24.0 |
| 27-Jun | 1,272 | 52 | 1,324 | 12,530 | 309 | 12,839 | 96.1 | 3.9 | 26.1 | 0.6 | 26.7 |
| 28-Jun | 1,104 | 51 | 1,155 | 13,634 | 360 | 13,994 | 95.6 | 4.4 | 28.4 | 0.7 | 29.1 |
| 29-Jun | 1,477 | 70 | 1,547 | 15,111 | 430 | 15,541 | 95.5 | 4.5 | 31.4 | 0.9 | 32.3 |
| 30-Jun | 2,506 | 137 | 2,643 | 17,617 | 567 | 18,184 | 94.8 | 5.2 | 36.7 | 1.2 | 37.8 |
| 1-Jul | 2,730 | 139 | 2,869 | 20,347 | 706 | 21,053 | 95.2 | 4.8 | 42.3 | 1.5 | 43.8 |
| 2-Jul | 2,568 | 72 | 2,640 | 22,915 | 778 | 23,693 | 97.3 | 2.7 | 47.7 | 1.6 | 49.3 |
| 3-Jul | 1,200 | 19 | 1,219 | 24,115 | 797 | 24,912 | 98.4 | 1.6 | 50.2 | 1.7 | 51.8 |
| 4-Jul | 1,530 | 38 | 1,568 | 25,645 | 835 | 26,480 | 97.6 | 2.4 | 53.4 | 1.7 | 55.1 |
| 5-Jul | 2,895 | 112 | 3,007 | 28,540 | 947 | 29,487 | 96.3 | 3.7 | 59.4 | 2.0 | 61.4 |
| 6-Jul | 2,055 | 70 | 2,125 | 30,595 | 1,017 | 31,612 | 96.7 | 3.3 | 63.7 | 2.1 | 65.8 |
| 7-Jul | 4,197 | 86 | 4,283 | 34,792 | 1,103 | 35,895 | 98.0 | 2.0 | 72.4 | 2.3 | 74.7 |
| 8-Jul | 2,431 | 59 | 2,490 | 37,223 | 1,162 | 38,385 | 97.6 | 2.4 | 77.5 | 2.4 | 79.9 |
| 9-Jul | 1,752 | 38 | 1,790 | 38,975 | 1,200 | 40,175 | 97.9 | 2.1 | 81.1 | 2.5 | 83.6 |
| 10-Jul | 775 | 38 | 813 | 39,750 | 1,238 | 40,988 | 95.3 | 4.7 | 82.7 | 2.6 | 85.3 |
| 11-Jul | 1,029 | 44 | 1,073 | 40,779 | 1,282 | 42,061 | 95.9 | 4.1 | 84.9 | 2.7 | 87.5 |
| 12-Jul | 1,033 | 19 | 1,052 | 41,812 | 1,301 | 43,113 | 98.2 | 1.8 | 87.0 | 2.7 | 89.7 |
| 13-Jul | 1,243 | 41 | 1,284 | 43,055 | 1,342 | 44,397 | 96.8 | 3.2 | 89.6 | 2.8 | 92.4 |
| 14-Jul | 1,211 | 7 | 1,218 | 44,266 | 1,349 | 45,615 | 99.4 | 0.6 | 92.1 | 2.8 | 94.9 |
| 15-Jul | 555 | 10 | 565 | 44,821 | 1,359 | 46,180 | 98.2 | 1.8 | 93.3 | 2.8 | 96.1 |

-Continued-

Table 26. (page 2 of 2)

| Date | Daily | | | Cumulative | | | Daily Percent | | Cumulative Percent | | |
|---------------------------------------|--------|-------|--------|------------|-------|--------|---------------|-------|--------------------|-------|-------|
| | Adults | Jacks | Total | Adults | Jacks | Total | Adults | Jacks | Adults | Jacks | Total |
| 16-Jul | 980 | 17 | 997 | 45,801 | 1,376 | 47,177 | 98.3 | 1.7 | 95.3 | 2.9 | 98.2 |
| 17-Jul | 354 | 5 | 359 | 46,155 | 1,381 | 47,536 | 98.6 | 1.4 | 96.1 | 2.9 | 98.9 |
| 18-Jul | 245 | 3 | 248 | 46,400 | 1,384 | 47,784 | 98.8 | 1.2 | 96.6 | 2.9 | 99.4 |
| 19-Jul | 262 | 4 | 266 | 46,662 | 1,388 | 48,050 | 98.5 | 1.5 | 97.1 | 2.9 | 100.0 |
| Total | 46,662 | 1,388 | 48,050 | | | | | | | | |
| Post Weir Sockeye Escapement Estimate | | | | 1,950 | | | | | | | |
| Estimated Total Sockeye Escapement: | | | | 50,000 | | | | | | | |

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

Table 27. Emergency order summary for the North Peninsula, 1998.

EMERGENCY ORDER NO. 4-FS-M-CB-01-98

Issued at Cold Bay, AK.
May 26, 1998

EFFECTIVE DATE:
June 1, 1998

EXPIRATION DATE:
July 1, 1998
unless superseded by
subsequent emergency order

EXPLANATION:

This emergency order:

(1) Delays the commercial salmon season until June 22 in the Uria Bay Section.

(2) Closes all Sanak Island waters to commercial salmon fishing through June 30. This includes all waters south of the latitude of Hague Rock and east of the longitude of Cape Pankof south of the latitude of Hague Rock.

JUSTIFICATION:

The early portion of the Uria Bay sockeye salmon run has been weakened by intense early fishing pressure in the past. Delaying the fishery until June 22, or until the escapement justifies an earlier fishery, is necessary to rebuild the early portion of the run.

The area around Sanak Island has produced high chum to sockeye salmon ratios in the past. There is a limit to the number of chum salmon that can be taken in the South Unimak and Shumagin Island June Fisheries. This means that the Fishery will close before the sockeye allocation is reached if the chum limit is reached first.

Historically commercial salmon fishing records indicate a very limited to non-existent fishing effort around Sanak Island, although in 1990 and 1991, fishing interest increased. Even though the fishing effort was light (i.e. less than four boats) the corresponding catch per unit of effort combined with the high chum per sockeye ratio could result in substantial numbers of chum salmon being harvested, if effort were to increase.

EMERGENCY ORDER NO. 4-FS-M-PM-01-98

Issued at: Port Moller, AK.
3:00 p.m. June 14, 1998

EFFECTIVE DATE: 6:00 a.m. June 15, 1998

Expiration Date: 11:59 p.m.
Wednesday, June 17, 1998
unless superseded by
subsequent emergency order.

-Continued-

EXPLANATION:

This emergency order closes the commercial salmon weekly fishing period in the Ilnik Section from 12:00 noon Monday, June 15 until 11:59 p.m. Wednesday, June 17. This emergency order also closes the commercial salmon weekly fishing period in the Port Moller Bight from 6:00 a.m. Monday, June 15 until 6:00 p.m. Thursday, June 18. This emergency order also closes the commercial fishing weekly fishing period in the Bear River Section from 6:00 a.m. Monday, June 15 until 6:00 p.m. Wednesday, June 17.

JUSTIFICATION:

This emergency order closes the commercial salmon weekly fishing period in the Ilnik Section from 12:00 noon Monday, June 15 until 11:59 p.m. Wednesday, June 17. Escapement past the Ilnik River weir since May 28 as of 2:00 p.m. June 14 is less than 500 sockeye salmon. This is the lowest escapement since 1991 for this date when a weir was first installed in Ilnik River. The first interim goal of the season on June 15 of 4,000-6,000 sockeye will not be met. There has been no fishing effort inside Ilnik Lagoon as of yet this season. There is expected to be one set gillnet operator on Monday, June 15. Within the Ilnik Section, only Ilnik Lagoon is open to commercial salmon at this time. It is appropriate at this time to close the weekly scheduled fishing period in Ilnik Section to commercial salmon fishing until escapement increases to warrant a commercial fishery.

This emergency order also closes the commercial salmon weekly fishing period in the Port Moller Bight and Bear River Sections. Since May 31 at Bear River, only 1,100 sockeye have passed through the weir as of 2:00 p.m. June 14. This is one of the lowest escapement counts for Bear River in recent years for this date. The June 15 interim escapement goal at Bear River is 2,000-5,000 sockeye and will not be met. Effort to date in the Port Moller Bight and Bear River Sections has been minimal. The seasons harvest to date is only 600 sockeye. Effort levels in the Port Moller Bight and Bear River Sections is expected to be less than 10 boats. It is appropriate at this time to close the Port Moller Bight and Bear River Sections to commercial salmon fishing for the weekly scheduled fishing period or until escapement increases to warrant a commercial fishery.

EMERGENCY ORDER NO. 4-FS-M-PM-02-98

Issued at: Port Moller, AK.
8:00 p.m. June 15, 1998

EFFECTIVE DATE: 6:00 a.m. June 16, 1998

Expiration Date: 6:00 p.m.
Wednesday, June 17, 1998
unless superseded by
subsequent emergency order.

-Continued-

Table 27. (page 3 of 34)

EXPLANATION:

This emergency order opens the commercial salmon fishing period in the Port Moller Bight and Bear River Sections for 36 hours from 6:00 a.m. Tuesday, June 16 until 6:00 p.m. Wednesday, June 17.

JUSTIFICATION:

This emergency order opens the commercial salmon fishing period in the Port Moller Bight and Bear River Section for 36 hours from 6:00 a.m. Tuesday, June 16 until 6:00 p.m. Wednesday, June 17. The escapement at Bear River on June 14 and especially June 15 improved dramatically. The June 15 interim escapement goal at Bear River of 2,000-5,000 sockeye is met with the seasons sockeye salmon escapement at Bear River of 3,800 fish as of 7:30 p.m. on June 15 with escapement expected to remain strong. Effort levels in the Port Moller Bight and Bear River Sections is expected to be less than 10 boats. It is appropriate at this time to reopen the Port Moller Bight and Bear River Sections to commercial salmon fishing for 36 hours effective at 6:00 a.m. Tuesday, June 16 until 6:00 p.m. Wednesday, June 17 to provide opportunity to harvest sockeye salmon surplus to the escapement needs at Bear River.

EMERGENCY ORDER NO. 4-FS-M-PM-03-98

Issued at: Port Moller, AK.
4:00 p.m. June 17, 1998

EFFECTIVE DATE: 6:00 p.m. June 17, 1998

Expiration Date: 6:00 a.m.
Thursday, June 18, 1998
unless superseded by
subsequent emergency order.

EXPLANATION:

This emergency order extends the commercial salmon fishing period in the Port Moller Bight and Bear River Sections for 12 hours from 6:00 p.m. Wednesday, June 17 until 6:00 a.m. Thursday, June 18.

JUSTIFICATION:

This emergency order extends the commercial salmon fishing period in the Port Moller Bight and Bear River Section for 12 hours from 6:00 p.m. Wednesday, June 17 until 6:00 a.m. Thursday, June 18. The cumulative escapement at Bear River as of 2:00 p.m. on June 17 is 7,600 sockeye, with an aerial survey estimate of approximately 2,000 sockeye salmon in the river below the weir for a cumulative in-river escapement of about 10,000 sockeye salmon. The June 20 interim escapement goal at Bear River of 5,000-15,000 sockeye salmon will likely be exceeded at the present escapement rate. Effort levels in the Port Moller Bight and Bear River Sections is only 7 boats at this time. It is appropriate at this time to extend the Port Moller Bight and Bear River Sections to commercial salmon fishing for 12 hours from 6:00 p.m. Wednesday, June 17 until 6:00 a.m. Thursday, June 18.

-Continued-

Table 27. (page 4 of 34)

EMERGENCY ORDER NO. 4-FS-M-CB-12-98

Issued at Cold Bay, AK.
3:00 p.m. June 17, 1998

EFFECTIVE DATE:
6:00 p.m. June 17, 1998

EXPIRATION DATE:
9:00 p.m. June 17, 1998
unless superseded by
subsequent emergency order.

EXPLANATION:

This emergency order extends the commercial salmon fishing period 3 hours until 9:00 p.m. Wednesday, during the week of June 14-20 in the Inner Port Heiden Section.

JUSTIFICATION:

The commercial salmon fishing effort in the Inner Port Heiden Section consists of only six drift gillnetters and one set gillnetter. The chinook salmon harvests are averaging 350 fish per day which is about average.

No fishing will occur today unless the fishery is extended three hours to allow fishermen to take advantage of the evening tide. With the present effort level, which is half of normal, three hours additional fishing time can be allowed without threatening the run.

EMERGENCY ORDER NO. 4-FS-M-PM-04-98

Issued at: Port Moller, AK.
3:00 p.m. June 21, 1998

EFFECTIVE DATE: 6:00 a.m. June 22, 1998

Expiration Date: 6:00 p.m.
Thursday, June 25, 1998
unless superseded by
subsequent emergency order.

EXPLANATION:

This emergency order closes the commercial salmon fishing period in the Port Moller Bight Section from 6:00 a.m. Monday, June 22 until 6:00 p.m. Thursday, June 25. This emergency order also closes the commercial salmon fishing period in the Bear River Section from 6:00 a.m. Monday, June 22 until 6:00 p.m. Wednesday, June 24.

JUSTIFICATION:

This emergency order closes commercial salmon fishing in the Port Moller Bight Section during the weekly scheduled fishing period from 6:00 a.m. Monday, June 22 until 6:00 p.m. Thursday, June 25. This emergency order also closes commercial salmon fishing in the Bear River Section during the weekly scheduled fishing period from 6:00 a.m. Monday, June 22 until 6:00 p.m. Wednesday, June 24.

-Continued-

The cumulative escapement at Bear River as of 2:00 p.m. on June 21 is about 16,000 sockeye, with a daily aerial survey estimate of only 400 sockeye salmon (as of 11:00 a.m. Sunday, June 21). The escapement levels at Bear River should be increasing dramatically at this time, yet daily escapement are about 2,000 fish per day and it is expected (based on the aerial survey conducted earlier today) that the daily escapement will drop today and likely tomorrow. The June 20 upper interim goal was met, but the June 25 upper interim escapement goal at Bear River of 40,000 sockeye salmon will not be met at the present escapement rate.

The cumulative escapement into Sandy River is about 200 sockeye salmon. The June 30 interim goal is 8,000-12,000 sockeye salmon and will not be met at the present escapement rate. The escapement into Sandy River is well below recent year levels for this date.

Effort levels in the Port Moller Bight and Bear River Sections is expected to approximately 10-15 boats. It is appropriate at this time to close the Port Moller Bight and Bear River Sections to commercial salmon fishing until escapement levels at Bear and Sandy Rivers improve.

EMERGENCY ORDER NO. 4-FS-M-CB-23-98

Issued at Cold Bay, AK.
2:45 p.m. June 24, 1998

EFFECTIVE DATE:
6:00 p.m. June 24, 1998

EXPIRATION DATE:
June 25, 1998
unless superseded by
subsequent emergency order.

EXPLANATION:

This emergency order extends the commercial salmon fishing period approximately 6 hours until 11:59 p.m. Wednesday, during the week of June 21-27 in the Inner Port Heiden and Cinder River Sections..

JUSTIFICATION:

Fishing effort is very light in the Cinder River and Inner Port Heiden sections, consisting of only one set gillnetter at Cinder River and two to six drift gillnetters at Port Heiden. The chinook salmon harvests are average for this gear level. The tides are such that no effective fishing will take place during June 24 unless the fishing period which began June 22 is extended six hours. With these low effort levels, a six hour extension to allow fishing during the evening low water should not damage the resource.

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Table 27. (page 6 of 34)

EMERGENCY ORDER NO. 4-FS-M-CB-26-98

Issued at Cold Bay, AK.
9:00 a.m. June 26, 1998

EFFECTIVE DATE:
June 28, 1998

EXPIRATION DATE:
August 11, 1998 unless
superseded by subsequent
emergency order.

EXPLANATION:

This emergency order closes the commercial salmon season in the Uria Bay Section during June 28 through August 10.

JUSTIFICATION:

The Uria Bay Section underwent intense fishing effort during June 22-25. A recent survey failed to document substantial numbers of sockeye salmon in protected waters and there was evidence of fishing in closed waters. No more fishing should be allowed until escapement goals are assured of being achieved.

EMERGENCY ORDER NO. 4-FS-M-PM-05-98

Issued at: Port Moller, AK.
8:00 p.m. June 28, 1998

EFFECTIVE DATE: 6:00 a.m. June 29, 1998

Expiration Date: until further
notice.

EXPLANATION:

This emergency order closes commercial salmon fishing in the Ilnik Section from 12:00 noon Monday, June 29 until further notice. This emergency order also closes commercial salmon fishing in the Port Moller Bight, Bear River, and Three Hills Sections from 6:00 a.m. Monday, June 29 until further notice.

JUSTIFICATION:

This emergency order closes commercial salmon fishing in the Ilnik Section from 12:00 noon Monday, June 29 until further notice. The sockeye salmon escapement past the Ilnik River weir since May 28 is about 13,000 sockeye. Daily escapement rates should be increasing at the Ilnik River, but they are not. This is the second lowest escapement since 1991 for this date with only minimal commercial fisheries to date. The next interim escapement goal of 16,000-24,000 sockeye salmon will likely not be met if commercial fisheries are permitted at the present escapement rate. Effort inside Ilnik Lagoon, which is the only area open by regulation, is expected to be one set gillnet operator. It is appropriate at this time to continue to keep the commercial salmon fishery closed, as it has been since June 24, until escapement at Ilnik River improves to warrant a commercial fishery.

-Continued-

This emergency order also closes commercial salmon fishing in the Port Moller Bight, Bear River, and Three Hills Sections from 6:00 a.m. Monday, June 29 until further notice. Since May 31 at Bear River, about 58,000 sockeye have passed through the weir. An aerial survey conducted on June 28 revealed only 2,000 sockeye salmon in the Bear River. The June 30 interim escapement goal at Bear River is 40,000-80,000 sockeye salmon. The commercial salmon fishery in the Port Moller Bight and Bear River Sections has been closed since June 17. No commercial fishery has been permitted in the Three Hills Section this season, which could have opened by regulation on June 25.

Sockeye salmon escapement into Sandy River is the lowest since 1994. Only 1,000 sockeye salmon have passed the weir. The June 30 interim escapement goal of 8,000-12,000 fish will not be met at the present rate. Commercial fisheries have been closed since June 17, and no noticeable increase in escapement at Sandy River has occurred. It is appropriate at this time to close the Port Moller Bight, Bear River, and Three Hills Sections to commercial salmon fishing until further notice to protect Bear and Sandy River sockeye salmon stocks.

EMERGENCY ORDER NO. 4-FS-M-PM-06-98

Issued at: Port Moller, AK.
7:30 p.m. June 29, 1998

EFFECTIVE DATE: 11:00 p.m. June 29, 1998

Expiration Date: until further notice.

EXPLANATION:

This emergency order closes the commercial salmon fishing season from 11:00 p.m. Monday, June 29 until further notice in that portion of the Bear River Section northeast of a point 3 nautical miles southwest of Sandy River to Cape Seniavin. This emergency order opens the commercial salmon fishing period in that portion of the Bear River Section located southwest of a point located 3 nautical miles southwest of Sandy River at 11:00 p.m. Monday, June 29 until 11:00 p.m. Wednesday, July 1. This emergency order opens commercial salmon fishing in the Port Moller Bight and Three Hills Sections from 11:00 p.m. Monday, June 29 until 11:00 p.m. Wednesday, July 1.

JUSTIFICATION:

This emergency order closes the commercial salmon fishing season from 3 nautical miles southwest of the Sandy River stream terminus to Cape Seniavin from 11:00 p.m. Monday, June 29 until further notice. The escapement into Sandy River as of 7:30 p.m. Monday, June 29 is 2,000 sockeye salmon. The escapement into Sandy River is increasing, but a closure of approximately 15 nautical miles in that portion of the Bear River Section located northeast of a point 3 nautical miles southwest of the Sandy River stream terminus at the ocean shoreline to Cape Seniavin from 11:00 p.m. Monday, June 29 until further notice is needed to provide protection for Sandy River sockeye salmon. That point located 3 nautical miles southwest of the Sandy River stream terminus is identified with a regulatory marker.

-Continued-

Table 27. (page 8 of 34)

An aerial survey conducted at 6:30 p.m. Monday, June 29 revealed 22,000 sockeye salmon (below the weir) in Bear River, with a daily weir count at that time of 6,000 sockeye salmon. The seasons escapement prior to today's strong escapement was 59,000 sockeye salmon. The estimated escapement to Bear River is approximately 87,000 fish, exceeding the June 30 interim goal of 40,000-80,000 sockeye salmon. No commercial fishing has occurred in the Bear River and Port Moller Bight Sections since June 18 because of low escapement counts. It is appropriate at this time to open a portion of the Bear River Section located 3 nautical miles southwest of the Sandy River stream terminus, and the Port Moller Bight and Three Hills Section to commercial salmon fishing effective at 11:00 p.m. Monday June 29 until 11:00 p.m. Wednesday, July 1. If escapement counts do not improve at Sandy River over the next two days, the Three Hills Section will close to commercial salmon fishing at 11:00 p.m. Wednesday, July 1 until further notice.

Commercial fishers should be aware, as stated in the regulation book, that the regulatory markers at Bear River remain at 1,000 yards, King Salmon River 1,000 yards, and Frank's Lagoon 500 yards.

EMERGENCY ORDER NO. 4-FS-M-CB-31-98

Issued at Cold Bay, AK.
4:30 p.m. July 1, 1998

EFFECTIVE DATE:
6:00 p.m. July 1, 1998

EXPIRATION DATE:
9:00 a.m. July 4, 1998
unless superseded by
subsequent emergency order.

EXPLANATION:

This emergency order extends the commercial salmon fishing period 63 hours until 9:00 a.m. Saturday, during the week of June 28-July 4 in Cinder River Lagoon.

JUSTIFICATION:

Fishing effort in Cinder River Lagoon, the only portion of the Cinder River Section where the commercial salmon fishing season is open, consists of only one set gillnetter. The effort level is not anticipated to increase. The Cinder River setnetter must presently transport his fish approximately 70 miles to a buyer. Consequently, he is only able to fish during about half of the open fishing period. The catch reports indicate that the Cinder River Sockeye run has strength. an extension of fishing time will allow the fisherman to make up for time lost and should be no threat to the resource.

EMERGENCY ORDER NO. 4-FS-M-PM-07-98

Issued at: Port Moller, AK.
3:00 p.m. July 1, 1998

EFFECTIVE DATE: 11:00 p.m. July 1, 1998

Expiration Date: until further
notice

-Continued-

Table 27. (page 9 of 34)

EXPLANATION:

This emergency order extends the commercial salmon fishing period in that portion of the Bear River Section located southwest of a point located 3 nautical miles southwest of Sandy River 48 hours from 11:00 p.m. Wednesday, July 1 until 11:00 p.m. Friday, July 3. This emergency order also extends the commercial salmon fishing period in the Port Moller Bight Section from 11:00 p.m. Wednesday, July 1 until 11:00 p.m. Friday, July 3. This emergency order also closes the commercial salmon fishing period in the Three Hills Section from 11:00 p.m. Wednesday, July 1 until further notice.

JUSTIFICATION:

This emergency order extends the commercial salmon fishing period in that portion of the Bear River Section southwest of a point 3 nautical miles southwest of the Sandy River stream terminus from 11:00 p.m. Wednesday, July 1 until 11:00 p.m. Friday, July 3. The Three Hills Section will close to commercial salmon fishing as scheduled at 11:00 p.m. July 1 to offer further protection for Sandy River stocks. The escapement into Sandy River as of 3:00 p.m. Wednesday, July 1 is 9,300 sockeye salmon. The June 30 interim goal at Sandy River of 8,000-12,000 sockeye salmon was not met, and the next interim goal at Sandy River of 20,000-30,000 on July 4 is unlikely unless daily weir counts continue to improve. The daily escapement into Sandy River has increased over the past 5 days, with the best daily count on June 30. However, that portion of the Bear River Section from Cape Seniavin to a point 3 nautical miles southwest of Sandy River will remain closed to commercial salmon fishing until interim escapement goals are assured at Sandy River. Therefore, the area closed to commercial salmon fishing around Sandy River is approximately 30 nautical miles, which should offer protection for migrating Sandy River stocks.

The escapement into Bear River, as of 3:00 p.m. July 1 is 104,000. The June 30 interim escapement goals at Bear River of 40,000-80,000 was exceeded, and the July 5 goal of 80,000-100,000 sockeye salmon is also exceeded. Prior to June 29, no commercial fishing has occurred in the Bear River and Port Moller Bight Sections since June 18 because of low escapement counts at both Bear and Sandy Rivers. It is appropriate at this time to extend a portion of the Bear River Section located 3 nautical miles southwest of the Sandy River stream terminus, and the Port Moller Bight Sections to commercial salmon fishing 48 hours from 11:00 p.m. Wednesday July 1 until 11:00 p.m. Friday, July 3. The Three Hills Section will remain closed to commercial salmon fishing until escapement at Sandy River improves.

Commercial fishers should be aware, as stated in the regulation book, that the regulatory markers at Bear River remain at 1,000 yards, King Salmon River 1,000 yards, and Frank's Lagoon 500 yards.

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EMERGENCY ORDER NO. 4-FS-M-PM-08-98

Issued at: Port Moller, AK.
3:00 p.m. July 5, 1998

EFFECTIVE DATE: 6:00 a.m. July 6, 1998

Expiration Date: until further
notice.

EXPLANATION:

This emergency order closes commercial salmon fishing in the Ilnik Section from 6:00 a.m. Monday, July 6 until further notice. This emergency order also closes commercial salmon fishing in the Port Moller Bight, Bear River, and Three Hills Sections from 6:00 a.m. Monday, July 6 until further notice.

JUSTIFICATION:

This emergency order closes commercial salmon fishing in the Ilnik Section from 6:00 a.m. Monday, July 6 until further notice. The sockeye salmon escapement past the Ilnik River weir since May 28 is about 27,500 sockeye. Daily escapement rates should be increasing at the Ilnik River, but they are not. This is the second lowest escapement since 1991 for this date with only minimal commercial fisheries to date. The July 4 interim goal of 26,000-36,000 sockeye salmon was met. The next interim escapement goal of 32,000-48,000 sockeye salmon on July 8 will likely not be met if commercial fisheries are permitted at the present escapement rate. It is appropriate at this time to continue to keep the commercial salmon fishery closed, as it has been since June 24, until escapement at Ilnik River improves to warrant a commercial fishery.

This emergency order also closes commercial salmon fishing in the Port Moller Bight, Bear River, and Three Hills Sections from 6:00 a.m. Monday, July 6 until further notice. Since May 31 at Bear River, about 115,000 sockeye have passed through the weir. The July 5 interim escapement goal at Bear River is 80,000-100,000 sockeye salmon is exceeded. The escapement at Sandy River is about 19,300 sockeye salmon. The July 4 interim goal at Sandy River was 20,000-30,000 sockeye salmon, while the next interim goal on July 8 interim goal is 30,000-44,000 fish. The escapement at Sandy River has been below interim escapement goals all season.

The commercial catch in the Port Moller Bight, Bear River, Three Hills, and Ilnik Sections is only 82,000 sockeye salmon, well below the previous 10 year average harvest of over 500,000 sockeye salmon for this date. Escapement levels in Bear, Sandy, and Ilnik River have barely met, or not met at all, minimum escapement objectives with minimal harvests to date. At the present escapement rates into Ilnik and Sandy Rivers, the next interim goals will not be met. This is typically the peak run abundance of these stocks and these runs are well below expected levels to date.

It is appropriate at this time to close the Port Moller Bight, Bear River, Three Hills, and Ilnik Sections to commercial salmon fishing until further notice to protect Bear, Sandy, and Ilnik River sockeye salmon stocks.

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EMERGENCY ORDER NO. 4-FS-M-CB-32-98

Issued at Cold Bay, AK.
4:00 p.m. July 3, 1998

EFFECTIVE DATE:
July 6, 1998

EXPIRATION DATE:
August 11, 1998 unless
superseded by subsequent
emergency order.

EXPLANATION:

This emergency order reopens the commercial salmon season effective July 6-August 10 in that portion of the Uria Bay Section located over 500 yards from the Christianson Lagoon outlet channel terminus. This emergency order supersedes emergency order 4-FS-M-CB-26-98.

JUSTIFICATION:

Recent surveys have indicated by July 6, enough sockeye salmon will have entered the Christianson Lagoon system to satisfy the lower end of the 25,000 to 50,000 escapement goal. Fishing can be allowed outside of the channel terminus to harvest fresh fish coming in and to harvest Peterson Lagoon salmon.

EMERGENCY ORDER NO. 4-FS-M-PM-09-98

Issued at: Port Moller, AK.
12:00 noon July 7, 1998

EFFECTIVE DATE: 6:00 p.m. July 7, 1998

Expiration Date: until further notice

EXPLANATION:

This emergency order closes the commercial salmon fishing season from 6:00 p.m. Tuesday, July 7 until further notice in that portion of the Bear River Section from to Cape Seniavin to the 1,000 yard northeast regulatory marker at the stream terminus at the ocean shoreline of Bear River. This emergency order opens the commercial salmon fishing period in that portion of the Bear River Section located southwest of the 1,000 yard regulatory marker northeast of the stream terminus at the ocean shoreline of Bear River at 6:00 p.m. Tuesday, July 7 until 6:00 p.m. Wednesday, July 8. This emergency order opens commercial salmon fishing in the Port Moller Bight Section from 6:00 p.m. Tuesday, July 7 until 6:00 p.m. Wednesday, July 8. The closed waters in the Bear River Section at Bear River will be reduced to the stream terminus at the ocean shoreline from 6:00 p.m. Tuesday, July 7 until 6:00 p.m. Wednesday, July 8.

JUSTIFICATION:

This emergency order closes the commercial salmon fishing season in the Bear River Section from Cape Seniavin to the northeastern 1,000 yard regulatory marker of the Bear River stream

-Continued-

terminus from 6:00 p.m. Tuesday, July 7 until 6:00 p.m. Wednesday, July 8. The remaining southwestern portion of the Bear River Section and the Port Moller Bight Section will open to commercial salmon fishing at 6:00 p.m. Tuesday, July 7 for 24 hours until 6:00 p.m. Wednesday, July 8. The closed waters at Bear River will be reduced to the stream terminus at the ocean shoreline from 6:00 p.m. Tuesday, July 7 until 6:00 p.m. Wednesday, July 8.

The total escapement into Sandy River as of 11:45 a.m. Tuesday, July 7 is 22,600 sockeye salmon. The escapement into Sandy River is lagging behind the July 8 interim escapement goal of 30,000-44,000 sockeye salmon. The sockeye salmon escapement into Sandy River has been weak to date, with limited or no directed commercial fisheries.

The escapement into Bear River as of 11:45 a.m. July 7 is 126,700 sockeye salmon, which is above the July 15 interim escapement goal of 110,000-125,000 fish. The escapement

EMERGENCY ORDER NO. 4-FS-M-PM-10-98

Issued at: Port Moller, AK.
9:00 a.m. July 8, 1998

EFFECTIVE DATE: 3:00 p.m. July 8, 1998

Expiration Date: 6:00 p.m. July 9,
1998

EXPLANATION:

This emergency order opens the commercial salmon fishing period in the Ilnik Section from 3:00 p.m. Wednesday, July 8 until 3:00 p.m. Thursday, July 9. This emergency order extends the commercial salmon fishing period 24 hours in that portion of the Bear River Section located southwest of the 1,000 yard regulatory marker northeast of the stream terminus at the ocean shoreline of Bear River from 6:00 p.m. Wednesday, July 8 until 6:00 p.m. Thursday, July 9. This emergency order extends the commercial salmon fishing period 24 hours in the Port Moller Bight Section from 6:00 p.m. Wednesday, July 8 until 6:00 p.m. Thursday, July 9. The closed waters in the Bear River Section at Bear River will remain reduced to the stream terminus at the ocean shoreline from 6:00 p.m. Wednesday, July 8 until 6:00 p.m. Thursday, July 9.

JUSTIFICATION:

This emergency order opens the commercial salmon fishing period for 24 hours in the Ilnik Section from 3:00 p.m. Wednesday, July 8 until 3:00 p.m. Thursday, July 9. As explained in Emergency Order No. 4-FS-M-PM-09-98, the commercial salmon fishing season will remain closed from 6:00 p.m. Tuesday, July 7 until further notice in that portion of the Bear River Section from to Cape Seniavin to the 1,000 yard northeast regulatory marker at the stream terminus at the ocean shoreline of Bear River. Also, as stated in the same Emergency Order, the Bear River will remain open to the stream terminus at the ocean shoreline until 6:00 p.m. Thursday, July 9.

-Continued-

The total escapement into Sandy River through July 7 is 24,301 sockeye salmon. The escapement into Sandy River is lagging behind the July 8 interim escapement goal of 30,000-44,000 sockeye salmon. The sockeye salmon escapement into Sandy River has been weak to date, with limited or no directed commercial fisheries.

The escapement into Bear River through July 7 is 136,742 sockeye salmon, which is above the July 15 interim escapement goal of 110,000-125,000 fish.

Daily escapement counts at Bear River have been improving over the past 4 days. The Bear River and Sandy River sockeye runs are weaker than expected for this date and a limited harvest area around Bear River will provide some opportunity to harvest sockeye salmon surplus to the escapement needs at Bear River, while potentially further protecting Sandy River stocks.

The Three Hills Section will remain closed to commercial salmon fishing along with that portion of the Bear River Section located from Cape Seniavin to the northern 1,000 yard regulatory marker at Bear River until further notice to further protect Sandy River sockeye salmon.

The Ilnik Section, southwest of Unangashak Bluffs will open to commercial salmon fishing for 24 hours from 3:00 p.m. Wednesday, July 8 until 3:00 p.m. Thursday, July 9. The escapement into Ilnik River is 35,895 fish past the weir through July 7, with a strong morning count on July 8. Daily escapement rates are increasing, and the peak count for the season occurred on July 7. The July 7 minimum goal of 32,000 sockeye salmon, and the July 11 minimum goal of 36,000, have been reached. This is the first commercial fishing period in the outer portion of the Ilnik Section this season. Only that area southwest of Unangashak Bluffs is open by regulation.

Commercial fishers should be aware, as stated in the regulation book, that the regulatory markers at King Salmon River are 1,000 yards and Frank's Lagoon are 500 yards.

EMERGENCY ORDER NO. 4-FS-M-CB-35-98

Issued at Cold Bay, AK.
2:00 p.m. July 8, 1998

EFFECTIVE DATE:
6:00 p.m. July 8, 1998

EXPIRATION DATE:
12:01 p.m. July 10, 1998
unless superseded by
subsequent emergency order.

EXPLANATION:

This emergency order extends the commercial salmon fishing period 42 hours until noon Friday, during the week of July 5-11 in Cinder River Lagoon.

-Continued-

JUSTIFICATION:

Fishing effort in Cinder River Lagoon, the only portion of the Cinder River Section where the commercial salmon fishing season is open, consists of only one set gillnetter. The effort level is not anticipated to increase. The Cinder River setnetter must presently transport his fish approximately 70 miles to a buyer. Consequently, he is only able to fish during about half of the open fishing period. A recent survey of Cinder River indicated that the sockeye escapement is likely close to the lower end of the 6,000 to 12,000 goal for the season although it was not possible to get an accurate count. With such light effort, more fishing time can be allowed to make up for time lost without jeopardizing the resource.

EMERGENCY ORDER NO. 4-FS-M-PM-11-98

Issued at: Port Moller, AK.
9:00 a.m. July 9, 1998

EFFECTIVE DATE: 3:00 p.m. July 9, 1998

Expiration Date: 6:00 p.m. July 10,
1998

EXPLANATION:

This emergency order extends the commercial salmon fishing period in the Ilnik Section 24 hours from 3:00 p.m. Thursday, July 9 until 3:00 p.m. Friday, July 10. This emergency order extends the commercial salmon fishing period 24 hours in that portion of the Bear River Section located southwest of the 1,000 yard regulatory marker northeast of the stream terminus at the ocean shoreline of Bear River from 6:00 p.m. Thursday, July 9 until 6:00 p.m. Friday, July 10. This emergency order extends the commercial salmon fishing period 24 hours in the Port Moller Bight Section from 6:00 p.m. Thursday, July 9 until 6:00 p.m. Friday, July 10. The closed waters in the Bear River Section at Bear River will remain reduced to the stream terminus at the ocean shoreline for an additional 24 hours from 6:00 p.m. Thursday, July 9 until 6:00 p.m. Friday, July 10.

JUSTIFICATION:

The commercial salmon fishing season in that portion of the Bear River Section from Cape Seniavin to the 1,000 yard northeast regulatory marker at the stream terminus at the ocean shoreline of Bear River has been closed since 6:00 p.m. Tuesday, July 7 until further notice as stated in Emergency Order No. 4-FS-M-PM-09-98.

This emergency order extends the commercial salmon fishing period for 24 hours in the Ilnik Section from 3:00 p.m. Thursday, July 9 until 3:00 p.m. Friday, July 10. The southwestern portion of the Bear River section, except that area located from Cape Seniavin to the 1,000 yard northeastern regulatory marker at Bear River, along with the Port Moller Bight Section will also be extended 24 hours until 6:00 p.m. Friday, July 10. Also, the Bear River will remain open to the stream terminus at the ocean shoreline for an additional 24 hours until 6:00 p.m. Friday, July 10, which has been in effect since 6:00 p.m. Tuesday, July 7.

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The total escapement into Sandy River through July 8 is 26,698 sockeye salmon. The escapement into Sandy River is lagging behind the July 13 interim escapement goal of 36,000-54,000 sockeye salmon. Although daily escapement rates are improving slightly, the large (approximately 33 miles) closure around Sandy River which includes the Three Hills Section, and the portion of the Bear River Section from Cape Seniavin southwest to the 1,000 yard northern regulatory marker at Bear River will remain in effect. The sockeye salmon escapement into Sandy River has been weak to date, with limited or no directed commercial fisheries.

The escapement into Bear River through July 8 is 152,703 sockeye salmon, which is above the July 15 interim escapement goal of 110,000-125,000 fish.

Daily escapement counts at Bear River have been improving over the past 5 days. Almost 16,000 fish passed the weir on July 8. The Bear River and Sandy River sockeye runs are weaker than expected for this date and a limited harvest area around Bear River will provide some opportunity to harvest sockeye salmon surplus to the escapement needs at Bear River, while potentially further protecting Sandy River stocks.

The Three Hills Section will remain closed to commercial salmon fishing along with that portion of the Bear River Section located from Cape Seniavin to the northern 1,000 yard regulatory marker at Bear River until further notice to further protect Sandy River sockeye salmon.

The Ilnik Section, southwest of Unangashak Bluffs, will be extended to commercial salmon fishing for 24 hours from 3:00 p.m. Thursday, July 9 until 3:00 p.m. Friday, July 10. The escapement into Ilnik River is 38,385 sockeye salmon past the weir through July 8, with a strong morning count on July 9. The July 11 minimum goal of 36,000 sockeye salmon was met on July 8. It is expected that the minimum season ending escapement goal at Ilnik River of 40,000 sockeye salmon will be met today. This is the second 24 hour fishing period in the outer portion of the Ilnik Section this season. Only that area southwest of Unangashak Bluffs is open by regulation.

Commercial fishers should be aware, as stated in the regulation book, that the regulatory markers at King Salmon River are 1,000 yards and Frank's Lagoon are 500 yards.

EMERGENCY ORDER NO. 4-FS-M-CB-36-98

Issued at Cold Bay, AK.
10:00 a.m. July 9, 1998

EFFECTIVE DATE:
6:00 p.m. July 9, 1998

EXPIRATION DATE:
6:00 p.m. July 10, 1998
unless superseded by
subsequent emergency order.

EXPLANATION:

This emergency order extends the commercial salmon fishing time 24 hours until 6:00 p.m. Friday, July 10 in that portion of the Uria Bay Section located over 500 yards from the

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Christianson Lagoon outlet channel terminus. The season in that portion of the Uria Bay Section located within 500 yards of the Christianson Lagoon outlet channel terminus, including all of the outlet channel itself, was closed by previous emergency order.

JUSTIFICATION:

The sockeye escapement inside the Christianson Lagoon outlet channel is estimated to be at the lower end of the 25,000 to 50,000 goal. More fishing time can be allowed outside the outlet channel to harvest sockeye salmon coming in.

EMERGENCY ORDER NO. 4-FS-M-PM-12-98

Issued at: Port Moller, AK.
9:00 a.m. July 10, 1998

EFFECTIVE DATE: 3:00 p.m. July 10, 1998

Expiration Date: until further notice

EXPLANATION:

This emergency order extends the commercial salmon fishing period in the Ilnik Section 27 hours from 3:00 p.m. Friday, July 10 until 6:00 p.m. Saturday, July 11. This emergency order extends the commercial salmon fishing period 24 hours in that portion of the Bear River Section located southwest of the 1,000 yard regulatory marker northeast of the stream terminus at the ocean shoreline of Bear River from 6:00 p.m. Friday, July 10 until 6:00 p.m. Saturday, July 11. This emergency order extends the commercial salmon fishing period 24 hours in the Port Moller Bight Section from 6:00 p.m. Friday, July 10 until 6:00 p.m. Saturday, July 11. The closed waters in the Bear River Section at Bear River will remain reduced to the stream terminus at the ocean shoreline from 6:00 p.m. Friday, July 10 until further notice.

JUSTIFICATION:

The commercial salmon fishing season in that portion of the Bear River Section from Cape Seniavin to the 1,000 yard northeast regulatory marker at the stream terminus at the ocean shoreline of Bear River has been closed since 6:00 p.m. Tuesday, July 7 until further notice as stated in Emergency Order No. 4-FS-M-PM-09-98.

This emergency order extends the commercial salmon fishing period for 27 hours in the Ilnik Section from 3:00 p.m. Friday, July 10 until 6:00 p.m. Saturday, July 11. The southwestern portion of the Bear River section, except that area located from Cape Seniavin to the 1,000 yard northeastern regulatory marker at Bear River, along with the Port Moller Bight Section will be extended 24 hours from 6:00 p.m. Friday, July 10 until 6:00 p.m. Saturday, July 11. Also, the Bear River will remain open to the stream terminus at the ocean shoreline for an additional 24 hours until 6:00 p.m. Saturday, July 11, which has been in effect since 6:00 p.m. Tuesday, July 7.

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Table 27. (page 17 of 34)

The total escapement into Sandy River through July 9 is 29,773 sockeye salmon. The escapement into Sandy River, although improving daily, is lagging behind the July 13 minimum interim escapement goal of 36,000 sockeye salmon. Although daily escapement rates are improving slightly, the large (approximately 33 miles) closure around Sandy River which includes the Three Hills Section, and the portion of the Bear River Section from Cape Seniavin southwest to the 1,000 yard northern regulatory marker at Bear River will remain in effect. The sockeye salmon escapement into Sandy River has been weak to date.

The escapement into Bear River through July 8 is 158,063 sockeye salmon, which is above the July 15 interim escapement goal of 110,000-125,000 fish.

The Bear River and Sandy River sockeye runs are weaker than expected for this date and a limited harvest area around Bear River will provide some opportunity to harvest sockeye salmon surplus to the escapement needs at Bear River, while potentially further protecting Sandy River stocks.

The Three Hills Section will remain closed to commercial salmon fishing along with that portion of the Bear River Section located from Cape Seniavin to the northern 1,000 yard regulatory marker at Bear River until further notice to further protect Sandy River sockeye salmon.

The Ilnik Section, southwest of Unangashak Bluffs, will be extended to commercial salmon fishing for 27 hours from 3:00 p.m. Friday, July 10 until 6:00 p.m. Saturday, July 11. The escapement into Ilnik River is 40,175 sockeye salmon past the weir through July 9. The July 11 minimum goal of 36,000 sockeye salmon was met on July 8. The minimum season ending escapement goal at Ilnik River of 40,000 sockeye salmon was met on July 9. The Ilnik Section is extended to commercial salmon fishing 27 hours until 6:00 p.m. Saturday, July 11. Only that area southwest of Unangashak Bluffs is open by regulation.

Commercial fishers should be aware, as stated in the regulation book, that the regulatory markers at King Salmon River are 1,000 yards and Frank's Lagoon are 500 yards.

EMERGENCY ORDER NO. 4-FS-M-CB-37-98

Issued at Cold Bay, AK.
10:00 a.m. July 10, 1998

EFFECTIVE DATE:
6:00 p.m. July 10, 1998

EXPIRATION DATE:
6:00 p.m. July 14, 1998
unless superseded by
subsequent emergency order.

EXPLANATION:

This emergency order extends the commercial salmon fishing time through the weekend until 6:00 p.m. Thursday, July 16 in that portion of the Uria Bay Section located over 500 yards from the Christianson Lagoon outlet channel terminus. The season in that portion of the Uria Bay Section located within 500 yards of the Christianson Lagoon outlet channel terminus, including all of the outlet channel itself, was closed by previous emergency order.

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A 6:00 a.m. July 13 until 6:00 p.m. July 14 fishing period is established in the Bechevin Bay Section.

JUSTIFICATION:

Recent surveys indicate that the lower end of the Christianson Lagoon sockeye salmon escapement goal has been reached. Sockeye catches outside of 500 yards from the Christianson Lagoon outlet channel terminus are strong, indicating substantial numbers of fish are still coming in. More fishing time is justified to harvest fish outside of 500 yards from the outlet channel terminus as long as the sockeye inside the outlet channel are protected.

The number of chum salmon entering St. Catherine Cove has reached the point where a harvest can be justified.

EMERGENCY ORDER NO. 4-FS-M-PM-13-98

Issued at: Port Moller, AK.
9:00 a.m. July 15, 1998

EFFECTIVE DATE: 6:00 p.m. July 15, 1998

Expiration Date: 6:00 p.m.
July 16, 1998

EXPLANATION:

This emergency order extends the commercial salmon fishing period in the Ilnik Section 24 hours from 6:00 p.m. Wednesday, July 15 until 6:00 p.m. Thursday, July 16.

JUSTIFICATION:

This emergency order extends the commercial salmon fishing period for 24 hours in the Ilnik Section from 6:00 p.m. Wednesday, July 15 until 6:00 p.m. Thursday, July 16. The escapement into Ilnik River is 45,615 sockeye salmon past the weir through July 14. The minimum season ending escapement goal of 40,000 sockeye salmon was met on July 9. At the present escapement rate, the midpoint escapement will be met. It is appropriate at this time to extend the commercial salmon fishing period in the Ilnik Section 24 hours from 6:00 p.m. Wednesday, July 15 until 6:00 p.m. Thursday, July 16.

EMERGENCY ORDER NO. 4-FS-M-PM-14-98

Issued at: Port Moller, AK.
9:00 a.m. July 16, 1998

EFFECTIVE DATE: 6:00 p.m. July 16, 1998

Expiration Date: until further notice

EXPLANATION:

This emergency order reopens the commercial salmon fishing season in that portion of the Bear River Section located southwest of a point 3 nautical miles southwest of the Sandy River stream

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Table 27. (page 19 of 34)

terminus from 6:00 p.m. Thursday, July 16 until further notice. This emergency order extends the commercial salmon fishing period in the Ilnik Section 42 hours from 6:00 p.m. Thursday, July 16 until 12:00 noon Saturday, July 18. This emergency order extends the commercial salmon fishing period 42 hours in that portion of the Bear River Section located southwest of a point 3 nautical miles southwest of the Sandy River stream terminus at the ocean shoreline from 6:00 p.m. Thursday, July 16 until 12:00 noon Saturday, July 18. This emergency order also reopens the commercial salmon fishing period in the Three Hills Section from 6:00 p.m. Thursday, July 16 until 12:00 noon Saturday, July 18. This emergency order extends the commercial salmon fishing period 42 hours in the Port Moller Bight Section from 6:00 p.m. Thursday, July 16 until 12:00 noon Saturday, July 18. Salmon may not be taken within 1,000 yards of the stream terminus at the ocean shoreline of Bear River from 6:00 p.m. Thursday, July 16 through August 8.

JUSTIFICATION:

The commercial salmon fishing season in that portion of the Bear River Section from Cape Seniavin to the 1,000 yard northeast regulatory marker at the stream terminus at the ocean shoreline of Bear River has been closed from 6:00 p.m. Tuesday, July 7 until 6:00 p.m. Thursday, July 16. Effective at 6:00 p.m. Thursday, July 16 until further notice, the area from Cape Seniavin to a point 3 nautical miles southwest of Sandy River, marked with a regulatory marker, will be closed to commercial salmon fishing. The Three Hills Section has been closed since July 1 to protect Sandy River sockeye salmon. A large closed area from Cape Seniavin to a point 3 nautical miles southwest of the Sandy River stream terminus (approximately 15 miles) will provide a buffer for the latter portion of the Sandy River run to enter the river. The previous closed area for Sandy River, from the 1,000 yard northern marker at Bear River to Cape Seniavin and including the Three Hills Section is not necessary, now that the minimum season ending escapement goal at Sandy River has been met, with the run expected to continue for another 10 days. The cumulative escapement into Sandy River is 40,592 sockeye salmon through the weir as of July 15. The Three Hills Section will reopen to commercial salmon fishing at 6:00 p.m. Thursday, July 16 until 12:00 noon Saturday, July 18.

This emergency order extends the commercial salmon fishing period for 42 hours in the Ilnik Section from 6:00 p.m. Thursday, July 16 until 12:00 noon Saturday, July 18. The escapement into Ilnik River past the weir is 46,180 sockeye, exceeding the season needing minimum escapement goal of 40,000 sockeye salmon.

The escapement into Bear River is about 177,880 sockeye salmon, exceeding the July 15 goal of 110,000-125,000 sockeye salmon. Beginning July 16 through August 5, the sockeye salmon escapement goal into Bear River is 40,000-50,000 sockeye salmon. Presently escapement rates at Bear River are about 4,000 sockeye salmon. It is appropriate at this time to increase the area around Bear River to harvest Bear River stocks, now that the season minimum escapement goal is met at Sandy River. Providing more fishing area north of the Bear River stream terminus will provide opportunity for more vessels to fish. Since a new escapement goal is beginning on July 16, it is appropriate to expand the closed water area around Bear River as described in the regulation booklet to 1,000 yards, to provide a buffer for Bear River sockeye.

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Table 27. (page 20 of 34)

Commercial fishers should be aware, as stated in the regulation book, that the regulatory markers at Bear River at 1,000 yards, King Salmon River are 500 yards, and Frank's Lagoon are 500 yards.

EMERGENCY ORDER NO. 4-FS-M-CB-41-98

Issued at Cold Bay, AK.
4:00 p.m. July 17, 1998

EFFECTIVE DATE:
6:00 a.m. July 20, 1998

EXPIRATION DATE:
6:00 p.m. July 21, 1998
unless superseded by
subsequent emergency order.

EXPLANATION:

This emergency order establishes a 6:00 a.m. July 20 until 6:00 p.m. July 21 fishing period in the Bechevin Bay Section.

JUSTIFICATION:

The number of chum salmon entering St. Catherine Cove has reached the point where a harvest can be justified.

EMERGENCY ORDER NO. 4-FS-M-PM-15-98

Issued at: Port Moller, AK.
9:00 a.m. July 22, 1998

EFFECTIVE DATE: 6:00 p.m. July 22, 1998

Expiration Date: until further notice

EXPLANATION:

This emergency order closes commercial salmon fishing in the Ilnik Section from 6:00 p.m. Wednesday, July 22 until further notice. This emergency order closes commercial salmon fishing in the Three Hills Section from 6:00 p.m. Wednesday, July 22 until further notice. This emergency order closes commercial salmon fishing in the Port Moller Bight, and Bear River Sections from 6:00 p.m. Wednesday, July 22 until further notice.

JUSTIFICATION:

The cumulative escapement into Sandy River is 47,070 sockeye salmon through the weir as of July 21. The minimum escapement goal at Sandy River has been met, and it is expected the midpoint goal of 50,000 will be met.

The escapement into Ilnik River past the weir as of July 19 is 48,581 sockeye, exceeding the season ending minimum escapement goal of 40,000 sockeye salmon. The Ilnik River weir was pulled for the season on July 20.

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Table 27. (page 21 of 34)

The escapement into Bear River is about 188,678 sockeye salmon as of July 21. Beginning July 16 through August 5, the sockeye salmon escapement goal into Bear River is 40,000-50,000 sockeye salmon. Since July 16, about 7,000 adult sockeye have passed through the weir with escapement and catch rates decreasing. Since the Ilnik and Sandy River escapement goals were met, the Port Moller Bight, Bear River, Three Hills, and Ilnik Sections are managed post July 20 on the basis of Bear River sockeye stocks. At the present escapement rate into Bear River, it is appropriate at this time to close commercial salmon fishing in the Port Moller Bight, Bear River, Three Hills, and Ilnik Sections to provide opportunity for escapement to improve at Bear River.

EMERGENCY ORDER NO. 4-FS-M-CB-47-98

Issued at Cold Bay, AK.
11:00 a.m. July 23, 1998

EFFECTIVE DATE:

12:00 midnight July 23, 1998

EXPIRATION DATE:

July 25, 1998

unless superseded by
subsequent emergency order.

EXPLANATION:

This emergency order extends the commercial salmon fishing time for approximately an additional 24 hours until 11:59 p.m. Friday, during the week of July 19-25 in the Nelson Lagoon Section.

JUSTIFICATION:

The sockeye escapement through the Sapsuk River weir is approximately 132,000 fish excluding jacks. Another 7,000 sockeye were observed during a recent survey below the weir. This escapement is near the season goal. More fishing time is needed to harvest the resource.

EMERGENCY ORDER NO. 4-FS-M-PM-16-98

Issued at: Port Moller, AK
3:00 p.m. August 1, 1998

EFFECTIVE DATE: 5:00 p.m. August 1, 1998

Expiration Date: until further notice

EXPLANATION:

This emergency order reopens the commercial salmon fishing season in that portion of the Bear River Section located northeast of a point 3 nautical miles southwest of the Sandy River stream terminus from 5:00 p.m. Saturday, August 1 until further notice. This emergency order opens commercial salmon fishing in the Ilnik Section from 5:00 p.m. Saturday, August 1 until 6:00 p.m. Wednesday, August 5. This emergency order opens commercial salmon fishing in the Port Moller Bight, Bear River, and Three Hills Sections from 5:00 p.m. Saturday, August 1 until 6:00 p.m. Wednesday, August 5.

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JUSTIFICATION:

The commercial salmon fishing season in that portion of the Bear River Section from Cape Seniavin to a point 3 nautical miles southwest of Sandy River has been closed to commercial

salmon fishing since 11:00 p.m. June 29 in order to protect Sandy River bound sockeye salmon. Effective at 5:00 p.m. Saturday, August 1, the entire Bear River Section will open to commercial salmon fishing. The escapement into Sandy River ended the season with 52,000 fish, meeting the July 25 season ending escapement goal of 40,000-60,000 sockeye salmon. The season ending escapement into Ilnik River is 50,000 sockeye salmon, meeting the goal of 40,000-60,000 fish. Both the Sandy and Ilnik River sockeye salmon runs are over, and the Port Moller Bight, Bear River, Three Hills, and Ilnik Sections are managed on the basis of Bear River run strength.

The Port Moller Bight, Bear River, Three Hills, and Ilnik Sections have been closed to commercial salmon fishing since July 22 in order to protect Bear River sockeye salmon. The escapement as of 3:00 p.m. Saturday, August 1 into Bear River is 224,000 sockeye salmon. The July 16- August 5 interim escapement goal is 40,000-50,000, with 33,400 past the weir as of 3:00 p.m. August 1, and an aerial survey estimate (at 2:30 p.m. on August 1) of 11,000 sockeye salmon, which will meet the August 5 minimum escapement goal. The Port Moller Bight, Bear River, Three Hills, and Ilnik Sections will reopen to commercial salmon fishing at 5:00 p.m. Saturday, August 1 until 6:00 p.m. Wednesday, August 5.

Escapement rates at Bear River are increasing and finally showing improvement after a 10 day closure. It is appropriate at this time to reopen commercial salmon fishing in the Port Moller Bight, Bear River, Three Hills, and Ilnik Sections from 5:00 p.m. Saturday, August 1 until 6:00 p.m. August 5.

Commercial fishers should be aware, as stated in the regulation book, that the regulatory markers at Sandy River at 500 yards, Bear River at 1,000 yards, King Salmon River are 500 yards, and Frank's Lagoon are 500 yards.

EMERGENCY ORDER NO. 4-FS-M-PM-17-98

Issued at: Port Moller, AK.
9:00 p.m. August 5, 1998

EFFECTIVE DATE: 6:00 p.m. August 5, 1998

Expiration Date: until further notice

EXPLANATION:

This emergency order closes commercial salmon fishing in the Ilnik Section from 6:00 p.m. Wednesday, August 5 until further notice. This emergency order closes commercial salmon fishing in the Port Moller Bight, Bear River, and Three Hills Sections from 6:00 p.m. Wednesday, August 5 until further notice.

-Continued-

JUSTIFICATION:

Effective at 6:00 p.m. Wednesday, August 5, the Port Moller Bight, Bear River, Three Hills, and Ilnik Sections will close to commercial salmon fishing until further notice.. The escapement into Sandy River ended the season with 52,000 fish, meeting the July 25 season ending escapement goal of 40,000-60,000 sockeye salmon. The season ending escapement into Ilnik River is 50,000 sockeye salmon, meeting the goal of 40,000-60,000 fish. Both the Sandy and Ilnik River sockeye salmon runs are over, and the Port Moller Bight, Bear River, Three Hills, and Ilnik Sections are managed on the basis of Bear River run strength.

The July 16- August 5 interim escapement goal at Bear River is 40,000-50,000, with 49,775 sockeye salmon past the weir (as of 9:00 a.m. August 5) since July 16. The next interim escapement goal at Bear River is 50,000-75,000 sockeye post August 5. It is appropriate at this time to close the Port Moller Bight, Bear River, Three Hills, and Ilnik Sections to commercial salmon fishing at 6:00 p.m. Wednesday, August 5 until further notice, to provide opportunity for Bear River late run sockeye salmon to enter the river to insure escapement requirements will be met.

EMERGENCY ORDER NO. 4-FS-M-PM-18-98

Issued at: Port Moller, AK.
8:00 p.m. August 18, 1998

EFFECTIVE DATE: 12:00 noon August 19, 1998

Expiration Date: until further notice

EXPLANATION:

This emergency order closes the commercial salmon fishing season in that portion of the Bear River Section located from 500 yards south of the King Salmon River to 500 yards north of the Sandy River from 12:00 noon Wednesday, August 19 until further notice. This emergency order reopens commercial salmon fishing in the Ilnik Section from 12:00 noon Wednesday, August 19 until further notice. This emergency order reopens commercial salmon fishing in the Port Moller Bight, Bear River, and Three Hills Sections from 12:00 noon Wednesday, August 19 until further notice.

JUSTIFICATION:

That portion of the Bear River Section located from 500 yards south of King Salmon River to 500 yards north of Sandy River will be closed to commercial salmon fishing from 12:00 noon Wednesday, August 19 until further notice. Effective at 12:00 noon Wednesday, August 19, the Port Moller Bight, Bear River, Three Hills, and Ilnik Sections will reopen to commercial salmon fishing until further notice..

The post August 5 escapement goal at Bear River is 50,000-75,000 sockeye salmon. As of 7:30 p.m. Wednesday, August 18, 33,000 adult sockeye salmon have passed through the weir since August 6. An aerial survey conducted at 7:00 p.m. on Wednesday, August 18 revealed 64,000

-Continued-

sockeye salmon in the Bear River, exceeding the upper escapement goal post August 5. Sockeye salmon observed over the past 9 days have been slow moving upstream and have been observed moving downstream. Closing the commercial salmon fishing season in that portion of the Bear River Section from 500 yards south of King Salmon River to 500 yards north of Sandy River from 12:00 noon Wednesday, August 19 until further notice will protect Bear River sockeye salmon if they back out to the ocean.

The second run into Bear River is much weaker than expected, and the Port Moller Bight, Bear River, Three Hills, and Ilnik Sections have been closed to commercial salmon fishing since August 5. Providing a large buffer area will ensure the escapement goal is met while providing a harvest on incoming sockeye salmon. When the upper escapement goal of 75,000 sockeye salmon is assured, the closed area will be reduced to provide maximum harvest. It is appropriate at this time to reopen the Port Moller Bight, a portion of the Bear River Section, along with the Three Hills, and Ilnik Sections to commercial salmon fishing at 12:00 noon Wednesday, August 19 until further notice. The Ilnik Section will be managed on the basis of CPUE indicators and aerial surveys for coho salmon in Ilnik Lagoon.

EMERGENCY ORDER NO. 4-FS-M-CB-67-98

Issued at Cold Bay, AK.
9:00 a.m. August 18, 1998

EFFECTIVE DATE:
12:00 midnight August 19, 1998

EXPIRATION DATE:
August 21, 1998
unless superseded by
subsequent emergency order.

EXPLANATION:

This emergency order extends the commercial salmon fishing time for approximately an additional 24 hours until 11:59 p.m. Thursday, during the week of August 16-22 in the Nelson Lagoon Section.

JUSTIFICATION:

Weather conditions made it unsafe to send a tender into Nelson Lagoon on Monday, August 17 and the tender available had not been into Nelson Lagoon all year. Fishermen were advised that if no fishing took place on Monday that the fishing period would be extended through Thursday. No fishing took place and a 24 hour extension is warranted to make up for time lost.

EMERGENCY ORDER NO. 4-FS-M-CB-68-98

Issued at Cold Bay, AK.
11:30 a.m. August 19, 1998

EFFECTIVE DATE:
6:00 p.m. August 19, 1998

EXPIRATION DATE:
6:00 p.m. August 20, 1998
unless superseded by
subsequent emergency order.

EXPLANATION:

This emergency order extends the commercial salmon fishing period 24 hours until 6:00 p.m. Thursday, during the week of August 16-22 in Cinder River Section.

JUSTIFICATION:

Fishermen were unable to fish in the Cinder River Section during Monday and are unable to fish effectively on Wednesday. A 24 hour extension will enable fishermen to make up part of the fishing time lost to weather.

EMERGENCY ORDER NO. 4-FS-M-PM-18-98

Issued at: Port Moller, AK
8:00 p.m. August 18, 1998

EFFECTIVE DATE: 12:00 noon August 19, 1998

Expiration Date: until further notice

EXPLANATION:

This emergency order closes the commercial salmon fishing season in that portion of the Bear River Section located from 500 yards south of the King Salmon River to 500 yards north of the Sandy River from 12:00 noon Wednesday, August 19 until further notice. This emergency order reopens commercial salmon fishing in the Ilnik Section from 12:00 noon Wednesday, August 19 until further notice. This emergency order reopens commercial salmon fishing in the Port Moller Bight, Bear River, and Three Hills Sections from 12:00 noon Wednesday, August 19 until further notice.

JUSTIFICATION:

That portion of the Bear River Section located from 500 yards south of King Salmon River to 500 yards north of Sandy River will be closed to commercial salmon fishing from 12:00 noon Wednesday, August 19 until further notice. Effective at 12:00 noon Wednesday, August 19, the Port Moller Bight, Bear River, Three Hills, and Ilnik Sections will reopen to commercial salmon fishing until further notice..

The post August 5 escapement goal at Bear River is 50,000-75,000 sockeye salmon. As of 7:30 p.m. Wednesday, August 18, 33,000 adult sockeye salmon have passed through the weir since August 6. An aerial survey conducted at 7:00 p.m. on Wednesday, August 18 revealed 64,000 sockeye salmon in the Bear River, exceeding the upper escapement goal post August 5. Sockeye salmon observed over the past 9 days have been slow moving upstream and have been observed moving downstream. Closing the commercial salmon fishing season in that portion of the Bear River Section from 500 yards south of King Salmon River to 500 yards north of Sandy River from 12:00 noon Wednesday, August 19 until further notice will protect Bear River sockeye salmon if they back out to the ocean.

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The second run into Bear River is much weaker than expected, and the Port Moller Bight, Bear River, Three Hills, and Ilnik Sections have been closed to commercial salmon fishing since August 5. Providing a large buffer area will ensure the escapement goal is met while providing a harvest on incoming sockeye salmon. When the upper escapement goal of 75,000 sockeye salmon is assured, the closed area will be reduced to provide maximum harvest. It is appropriate at this time to reopen the Port Moller Bight, a portion of the Bear River Section, along with the Three Hills, and Ilnik Sections to commercial salmon fishing at 12:00 noon Wednesday, August 19 until further notice. The Ilnik Section will be managed on the basis of CPUE indicators and aerial surveys for coho salmon in Ilnik Lagoon.

EMERGENCY ORDER NO. 4-FS-M-PM-19-98

Issued at: Port Moller, AK.
8:00 p.m. August 23, 1998

EFFECTIVE DATE: 6:00 p.m. August 24, 1998

Expiration Date: September 30, 1998

EXPLANATION:

This emergency order reopens the commercial salmon fishing season in that portion of the Bear River Section located from 500 yards south of the King Salmon River to 500 yards north of the Sandy River from 6:00 p.m. Monday, August 24 until September 30. The closed waters in the Bear River Section at Bear River will be 1,000 yards from the stream terminus at the ocean shoreline from 6:00 p.m. Monday, August 24 until September 30.

JUSTIFICATION:

That portion of the Bear River Section located from 500 yards south of King Salmon River to the 500 yards north of Sandy River has been closed since 12:00 noon August 19 to protect sockeye salmon in Bear River observed on Tuesday, August 18 (64,000 sockeye salmon were observed). Many of the fish were moving downstream and they were needed to meet the final interim escapement objective at Bear River of 50,000-75,000 sockeye salmon. Weir counts over the past 5 days have been relatively consistent,. However, at 7:30 p.m. Sunday, August 23, the daily weir count at Bear River was over 9,000 sockeye with fish still behind the weir. A further strong escapement is expected later tonight, that will likely meet the maximum escapement goal range of 75,000 sockeye salmon post August 5. It is appropriate at this time to reduce the closed water area around Bear River to within 1,000 yards of the stream terminus at the ocean shoreline of Bear River effective at 6:00 p.m. Monday, August 24 until the duration of the 1998 commercial salmon fishing season.

Strong SW winds (35 +) have limited fishing today and will likely limit fishing over the next day. Allowing effort, which is about 75 boats at this time, to within 1,000 yards of the Bear River stream terminus will provide maximum harvest opportunity, while still allowing some minimal escapement of the latter portion of the late Bear River run.

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Table 27. (page 27 of 34)

EMERGENCY ORDER NO. 4-FS-M-CB-70-98

Issued at Cold Bay, AK.
2:00 p.m. August 24, 1998

EFFECTIVE DATE:
6:00 p.m. August 26, 1998

EXPIRATION DATE:
December 31, 1998
unless superseded by
subsequent emergency order.

EXPLANATION:

This emergency order allows continuous commercial salmon fishing in the Inner Port Heiden Section for the balance of the 1998 salmon season.

JUSTIFICATION:

A recent survey of the Meshik River has indicated that the coho salmon escapement is approximately 41,000 fish. This is double the season goal, and not much fishing is expected to occur during the next two days because of high winds. More fishing time is needed to harvest the resource.

EMERGENCY ORDER NO. 4-FS-M-CB-71-98

Issued at Cold Bay, AK.
11:30 a.m. August 25, 1998

EFFECTIVE DATE:
6:00 p.m. August 26, 1998

EXPIRATION DATE:
6:00 p.m. August 27, 1998
unless superseded by
subsequent emergency order.

EXPLANATION:

This emergency order extends the commercial salmon fishing period 24 hours until 6:00 p.m. Thursday, during the week of August 23-29 in Cinder River Section.

JUSTIFICATION:

Fishermen were unable to fish in the Cinder River Section during Monday and are unable to fish effectively on Tuesday. A 24 hour extension will enable fishermen to make up part of the fishing time lost to weather.

EMERGENCY ORDER NO. 4-FS-M-CB-72-98

Issued at Cold Bay, AK.
1:00 p.m. August 25, 1998

EFFECTIVE DATE:
12:00 midnight August 26, 1998

EXPIRATION DATE:
August 28, 1998
unless superseded by
subsequent emergency order.

-Continued-

EXPLANATION:

This emergency order extends the commercial salmon fishing time for approximately an additional 24 hours until 11:59 p.m. Thursday, during the week of August 23-29 in the Nelson Lagoon Section.

JUSTIFICATION:

No fishing took place on Monday due to weather, and high winds are still preventing fishing in Nelson Lagoon. A 24 hour extension of fishing time will enable fishermen to recover some of the time lost to weather.

EMERGENCY ORDER NO. 4-FS-M-CB-73-98

Issued at Cold Bay, AK.
11:30 a.m. August 26, 1998

EFFECTIVE DATE:

6:00 p.m. August 27, 1998

EXPIRATION DATE:

6:00 p.m. August 28, 1998
unless superseded by
subsequent emergency order.

EXPLANATION:

This emergency order extends the commercial salmon fishing period 24 hours until 6:00 p.m. Friday, during the week of August 23-29 in Cinder River Section. This emergency order supersedes 4-FS-M-CB-71-98.

JUSTIFICATION:

Fishermen were unable to fish in the Cinder River Section during Monday and Tuesday and are unable to fish effectively during Wednesday. A 24 hour extension will enable fishermen to make up part of the fishing time lost to weather.

EMERGENCY ORDER NO. 4-FS-M-CB-74-98

Issued at Cold Bay, AK.
8:30 a.m. August 26, 1998

EFFECTIVE DATE:

12:00 midnight August 27, 1998

EXPIRATION DATE:

August 29, 1998
unless superseded by
subsequent emergency order.

EXPLANATION:

This emergency order extends the commercial salmon fishing time for approximately an additional 24 hours until 11:59 p.m. Friday, during the week of August 23-29 in the Nelson Lagoon Section. This emergency order supersedes 4-FS-M-CB-72-98.

-Continued-

Table 27. (page 29 of 34)

JUSTIFICATION:

Very little fishing has taken place in Nelson Lagoon so far this week due to weather. The estimated escapement of 12,000 coho salmon in the Sapsuk River is very good for this date. More fishing time can be allowed at this time without harming the resource.

EMERGENCY ORDER NO. 4-FS-M-PM-20-98

Issued at: Port Moller, AK.
9:00 a.m. August 29, 1998

EFFECTIVE DATE: 6:00 p.m. August 29, 1998

Expiration Date: 6:00 a.m. August 31

EXPLANATION:

This emergency order closes commercial salmon fishing in the Ilnik Section from 6:00 p.m. Saturday, August 29 until 6:00 a.m. Monday, August 31

JUSTIFICATION:

The Ilnik Section is managed on the basis of Ilnik Lagoon coho salmon stocks since August 15. The Ilnik Section has been open to commercial salmon fishing since August 19, although weather conditions (strong SW winds) have limited fishing in the Section from August 23-26. Effort in the Ilnik Section is about 30 drift gillnet vessels, harvesting between 2,000-3,000 coho salmon per day. An aerial survey conducted on August 29, revealed 9,000 coho salmon in the Ilnik River system. It is appropriate at this time close the Ilnik Section for 36 hours from 6:00 p.m. Saturday, August 29 until 6:00 a.m. Monday, August 31 to provide opportunity for Ilnik Lagoon coho salmon to enter the rivers. The fishing period will reopen at 6:00 a.m. Monday, August 31 until 6:00 p.m. Wednesday, September with a potential extension likely.

EMERGENCY ORDER NO. 4-FS-M-PM-21-98

Issued at: Port Moller, AK.
9:00 a.m. September 2, 1998

EFFECTIVE DATE: 6:00 p.m. September 2, 1998

Expiration Date: 6:00 p.m.
September 4, 1998

EXPLANATION:

This emergency order extends commercial salmon fishing in the Ilnik Section 48 hours from 6:00 p.m. Wednesday, September 2 until 6:00 p.m. Friday, September 4.

JUSTIFICATION:

The Ilnik Section is managed on the basis of Ilnik Lagoon coho salmon stocks since August 15. Little or no commercial fishing effort has occurred in the Ilnik Section on Monday and Tuesday due to high winds. Effort in the Ilnik Section is about 30 drift gillnet vessels, harvesting between

-Continued-

2,000-3,000 coho salmon per day prior to the strong westerly winds. An aerial survey conducted on August 29, revealed 9,000 coho salmon in the Ilnik River system. It is appropriate at this time extend the Ilnik Section to commercial salmon fishing for 48 hours from 6:00 p.m. Wednesday, September 2 until 6:00 p.m. Friday, September 4 to provide opportunity to harvest Ilnik Lagoon coho salmon. The fishing period will reopen at 6:00 a.m. Monday, September 7 until 6:00 p.m. Wednesday, September 9.

EMERGENCY ORDER NO. 4-FS-M-CB-76-98

Issued at Cold Bay, AK.
9:00 a.m. September 2, 1998

EFFECTIVE DATE:
12:00 midnight September 2, 1998

EXPIRATION DATE:
September 4, 1998
unless superseded by
subsequent emergency order.

EXPLANATION:

This emergency order extends the commercial salmon fishing time for approximately an additional 24 hours until 11:59 p.m. Thursday, during the week of August 30-September 5 in the Nelson Lagoon Section.

JUSTIFICATION:

The coho salmon escapement into the Sapsuk River was estimated to be 12,000 fish on August 26. No surveys have been flown since, due to weather. The escapement of 12,000 is still above the target goal of 9-10,000 fish for September 4. the present fishing period can be extended 24 hours while still reaching the 20,000 season goal level.

EMERGENCY ORDER NO. 4-FS-M-CB-77-98

Issued at Cold Bay, AK.
9:30 a.m. September 2, 1998

EFFECTIVE DATE:
6:00 p.m. September 2, 1998

EXPIRATION DATE:
6:00 p.m. September 3, 1998
unless superseded by
subsequent emergency order.

EXPLANATION:

This emergency order extends the commercial salmon fishing period 24 hours until 6:00 p.m. Thursday, during the week of August 30-September 5 in the Cinder River Section.

-Continued-

JUSTIFICATION:

Fishermen were unable to fish effectively today due to weather and are about to lose their market. A 24 hour extension of this week's fishing period will enable fishermen to make up for time lost due to weather and take advantage of the remaining time a market is available. Coho salmon will continue to enter streams in the Cinder River Section during the coming week when no market is available. Coho salmon escapement goals should be reached while allowing an additional 24 hours of fishing time.

EMERGENCY ORDER NO. 4-FS-M-CB-78-98

Issued at Cold Bay, AK.
1:15 p.m. September 3, 1998

EFFECTIVE DATE:
September 1, 1998

EXPIRATION DATE:
October 1, 1998 unless
superseded by
subsequent emergency order.

EXPLANATION:

This emergency order reopens the commercial salmon fishing season in the Northwestern District during September and extends the commercial salmon fishing period 96 hours until 8:00 p.m. September 8.

JUSTIFICATION:

No fishing has taken place in the Northwestern District due to weather. Potential effort consists of only two or three seiners who must dress and ice their salmon before transporting them 50 to 100 miles to market. More fishing time can be allowed under these circumstances without over harvesting the resource. The reopening of the season in the Northwestern District was inadvertently left out of emergency order number 4-FS-CB-75-98.

EMERGENCY ORDER NO. 4-FS-M-CB-81-98

Issued at Cold Bay, AK.
3:00 p.m. September 8, 1998

EFFECTIVE DATE:
8:00 p.m. September 8, 1998

EXPIRATION DATE:
8:00 p.m. September 14, 1998
unless superseded by
subsequent emergency order.

EXPLANATION:

This emergency order extends the commercial salmon fishing time 144 hours until 8:00 p.m. September 14 in the Northwestern District.

-Continued-

Table 27. (page 32 of 34)

An 83 hour commercial salmon fishery from 9:00 a.m. September 11 until 8:00 p.m. September 14 is established for the Unimak, Southwestern, and South Central Districts.

JUSTIFICATION:

Only two boats are fishing in the Northwestern District and must transport their fish 50-75 miles to market, after cleaning and icing them. weather has been too windy to fish or travel much of the time. Under these circumstances more fishing time can be allowed without damaging the resource.

There has been no fishing in the western part of the South Peninsula since September 4, when the Thin Point Section closed although fishing time was extended in other locations. The low tides are high enough during September 11-14 that there should be no problem with salmon backing out of the closed waters of Thin Point Cove. The number of coho in Thin Point Lagoon is estimated to be near the escapement goal level.

EMERGENCY ORDER NO. 4-FS-M-CB-80-98

Issued at Cold Bay, AK.
3:00 p.m. September 8, 1998

EFFECTIVE DATE:

12:00 midnight September 9, 1998

EXPIRATION DATE:

September 11, 1998
unless superseded by
subsequent emergency order.

EXPLANATION:

This emergency order extends the commercial salmon fishing time for approximately an additional 24 hours until 11:59 p.m. Thursday, during the week of September 6-12 in the Nelson Lagoon Section.

JUSTIFICATION:

The coho salmon escapement into the Sapsuk River is estimated to be 15,000 fish which is good for this date. There will be no market available after Thursday, September 10, consequently nearly all salmon entering Nelson Lagoon after that date will be part of the spawning escapement. An additional 24 hours of fishing time can be allowed at this time while still achieving the escapement goal level of 20,000.

EMERGENCY ORDER NO. 4-FS-M-CB-82-98

Issued at Cold Bay, AK.
6:30 p.m. September 14, 1998

EFFECTIVE DATE:

8:00 p.m. September 14, 1998

EXPIRATION DATE:

8:00 p.m. September 16, 1998
unless superseded by
subsequent emergency order.

-Continued-

EXPLANATION:

This emergency order extends the commercial salmon fishing time 48 hours until 8:00 p.m. September 16 in the Northwestern District.

JUSTIFICATION:

Only two boats are fishing in the Northwestern District and are required to clean and ice their catch before transporting them 50-75 miles to market. To date, due to weather and logistics, they have only made one delivery in two weeks. The fishermen have requested another extension of fishing time so that they can complete their second trip. Under these circumstances, additional fishing time can be allowed without damaging the resource.

EMERGENCY ORDER NO. 4-FS-M-CB-83-98

Issued at Cold Bay, AK.
10:00 a.m. September 16, 1998

EFFECTIVE DATE:

8:00 p.m. September 16, 1998

EXPIRATION DATE:

8:00 p.m. September 21, 1998
unless superseded by
subsequent emergency order.

EXPLANATION:

This emergency order extends the commercial salmon fishing time 120 hours until 8:00 p.m. September 21 in the Northwestern District.

JUSTIFICATION:

Only two boats are fishing in the Northwestern District and are required to clean and ice their catch before transporting them 50-75 miles to market. To date, due to weather and logistics, they have only made one delivery in over two weeks. Weather continues to prevent fishing and more time is needed for the fishermen to complete their second trip. Under these circumstances, additional fishing time can be allowed without damaging the resource.

EMERGENCY ORDER NO. 4-FS-M-PM-23-98

Issued at: Port Moller, AK
10:00 a.m. September 27, 1998

EFFECTIVE DATE: October 1, 1998

Expiration Date: November 1, 1998
unless superseded by subsequent
emergency order.

EXPLANATION:

This emergency order extends the commercial salmon fishing season in the Northern District from October 1 through October 31, 1998.

-Continued-

JUSTIFICATION:

The sockeye salmon escapement goal at Bear River has been exceeded and effort is very limited. The early coho runs are over and there is interest in fishing sockeye salmon in the Bear River area, and potentially late coho runs if markets can be found. A longer fishing season is justified to harvest Bear River sockeye salmon surplus to the escapement goal needs. The late run escapement goal at Bear River has been exceeded and it is appropriate to allow opportunity for the one vessel still fishing to harvest the resource. The one drift gillnet vessel still fishing in the Bear River area is catching predominantly sockeye salmon. If a market can be found for coho salmon, a further harvest may occur in portions of the Northern District.

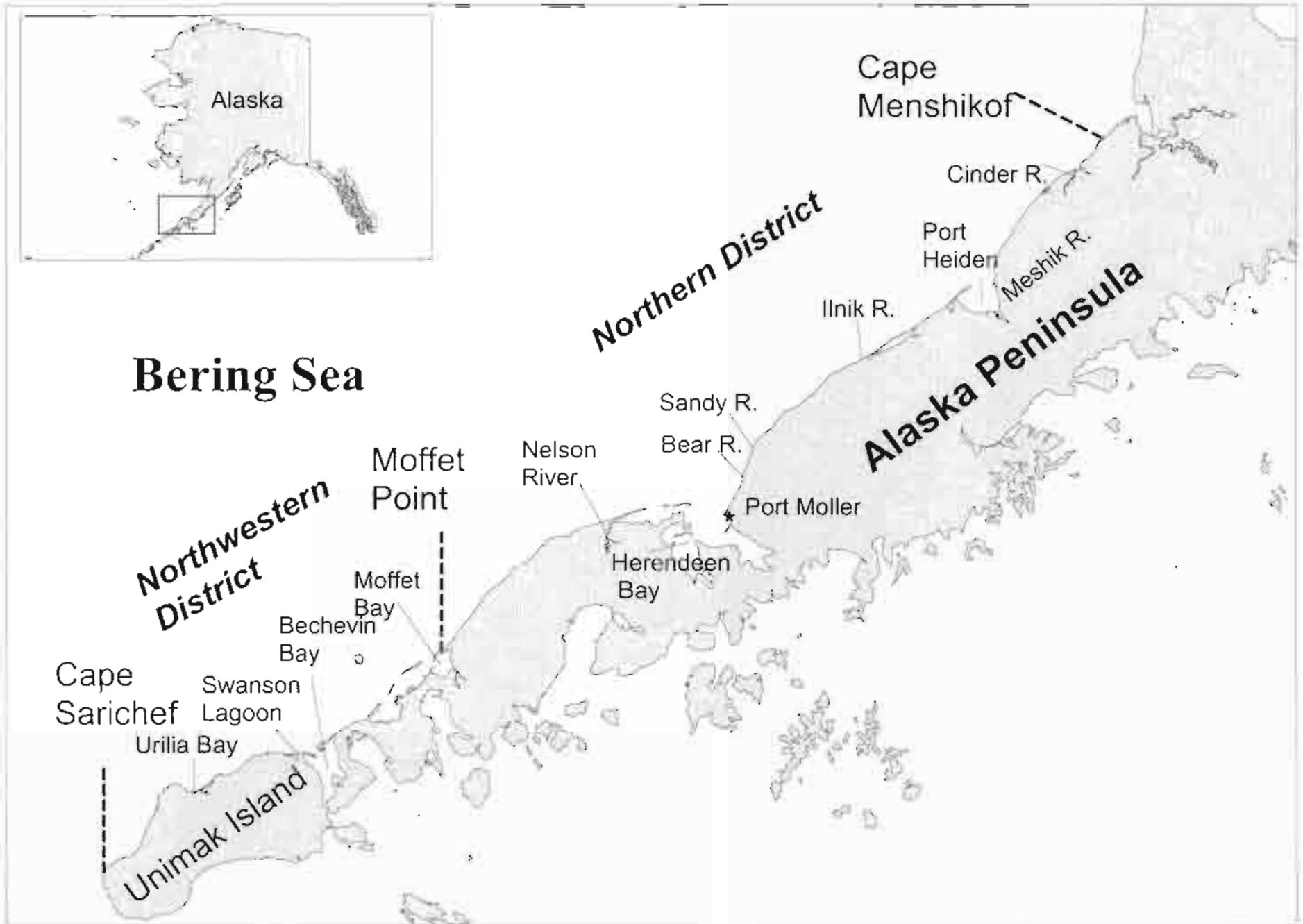


Figure 1. North and South Alaska Peninsula with North Peninsula districts depicted.

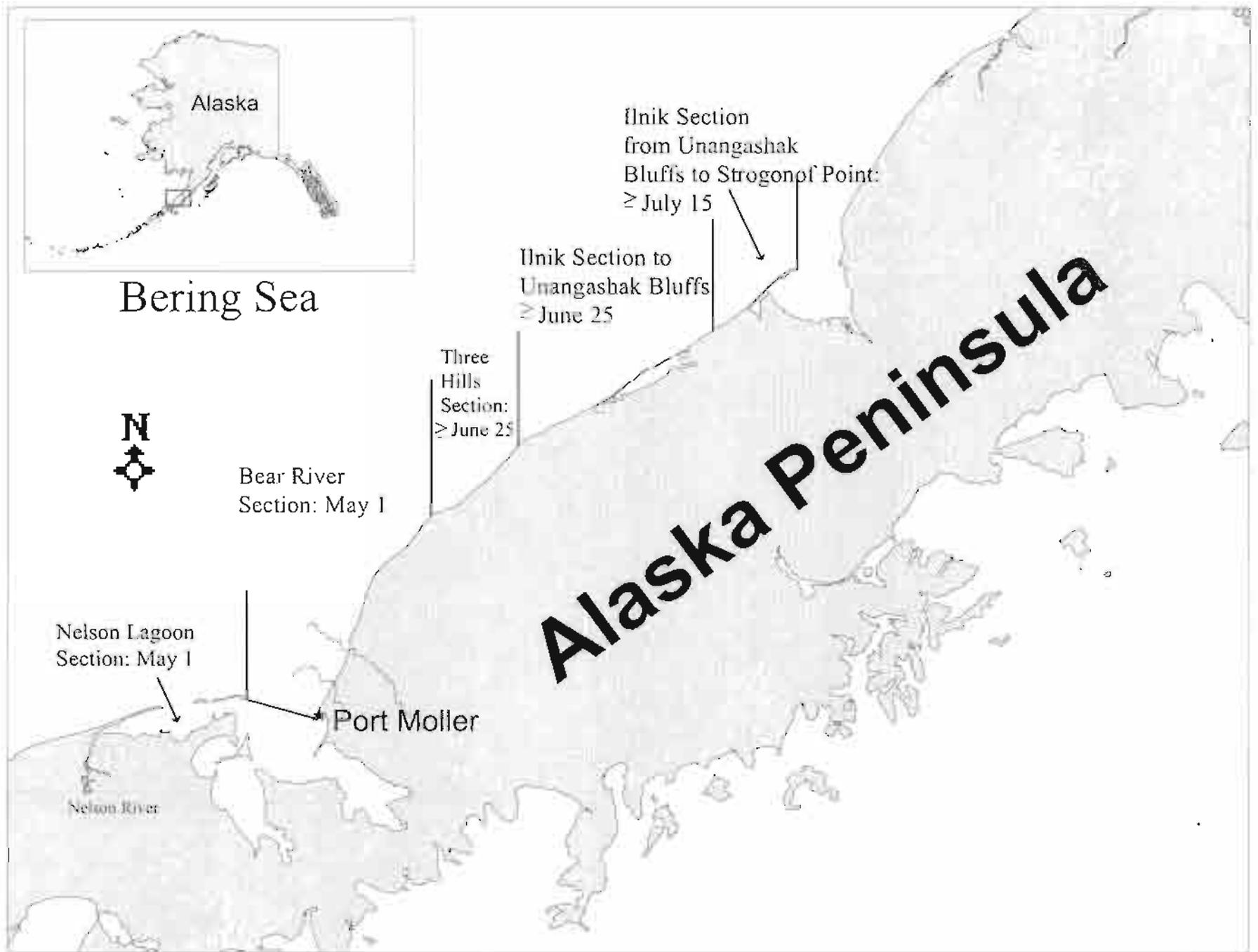


Figure 2. Nelson Lagoon to Strogonof Point reach, with district sections, commercial salmon season opening dates, and major sockeye salmon systems depicted.

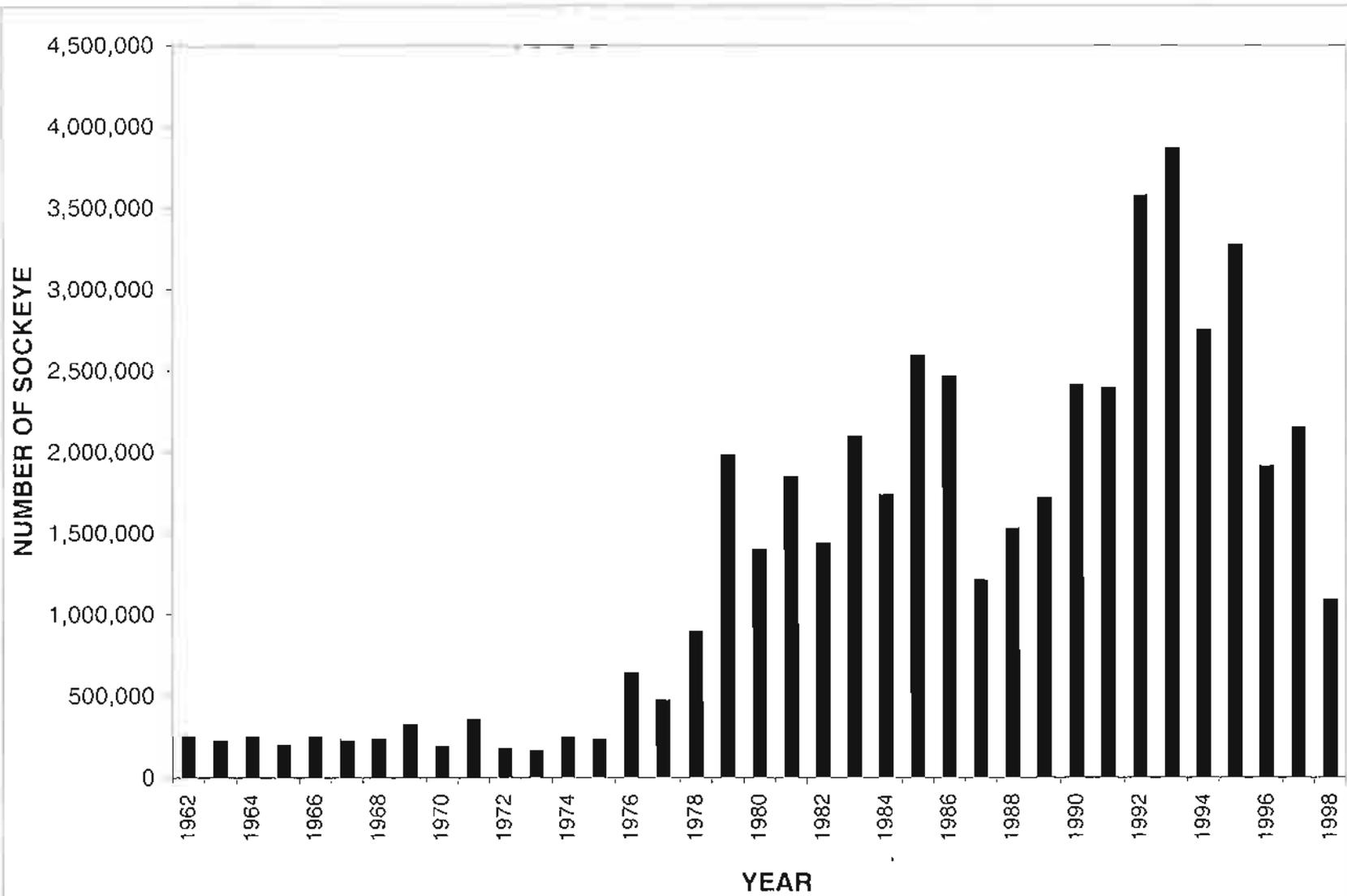


Figure 3. North Peninsula commercial sockeye salmon harvest, 1962-98.

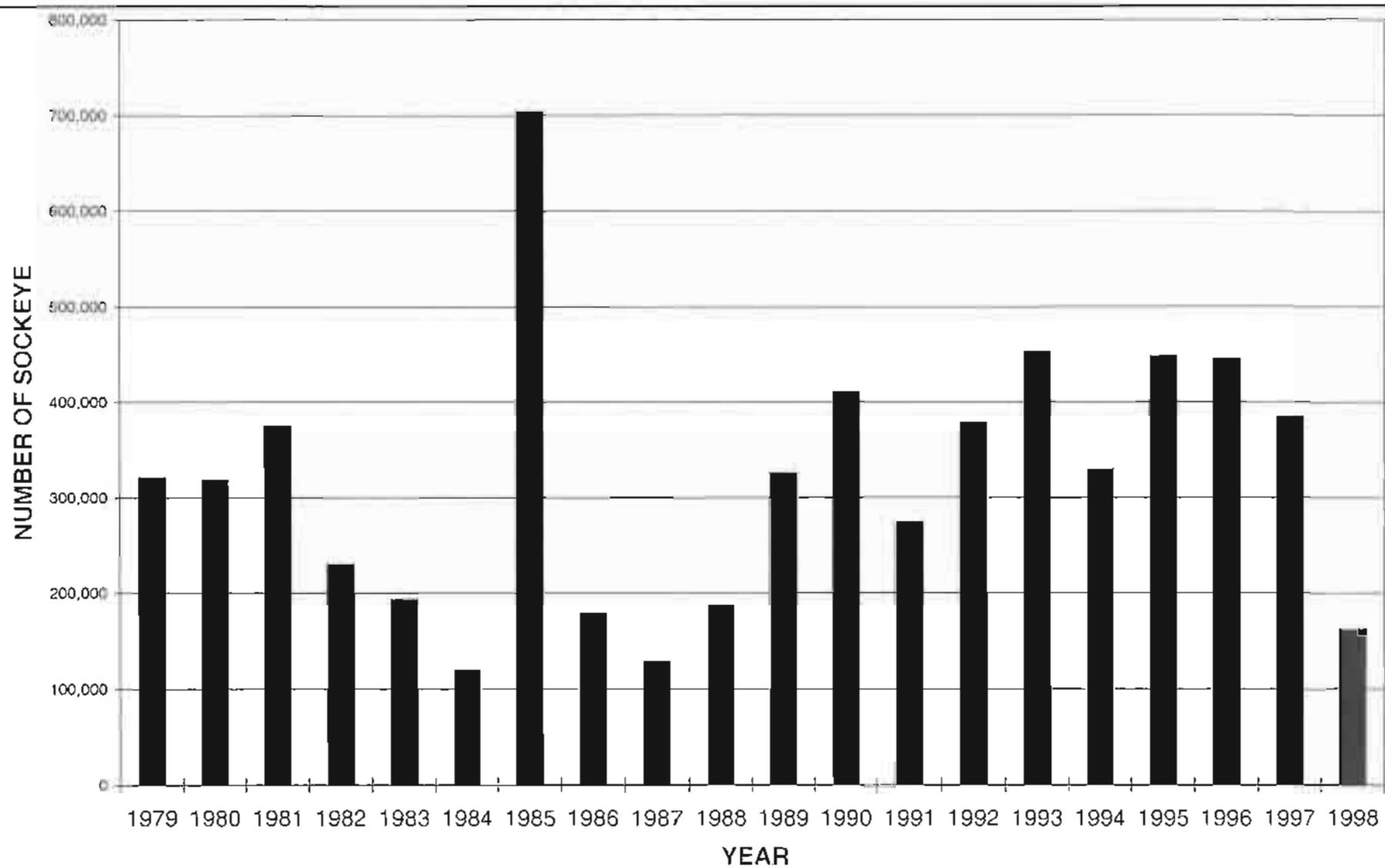


Figure 4. Nelson Lagoon commercial sockeye salmon harvest, 1979-98.

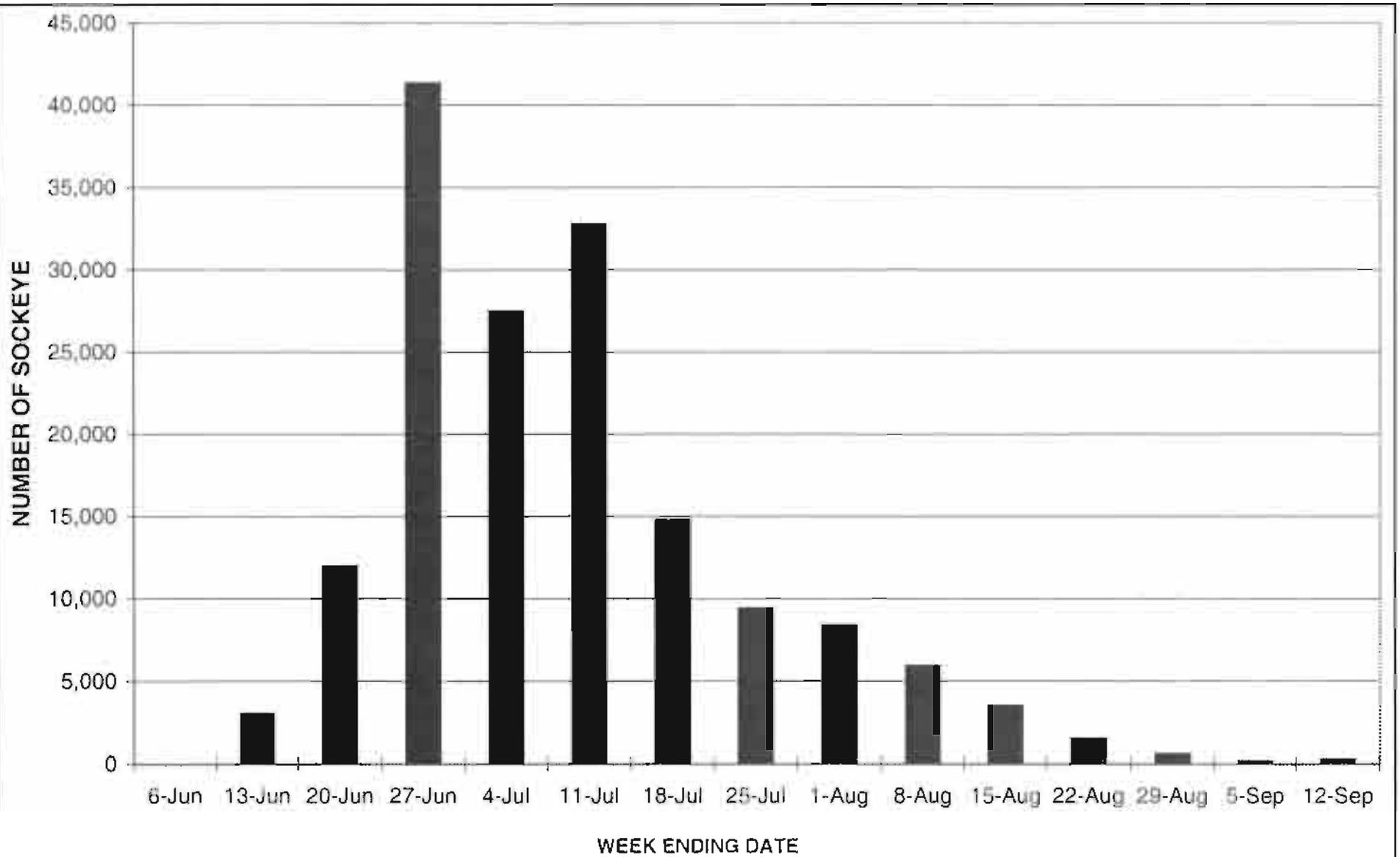


Figure 5. Nelson Lagoon commercial sockeye salmon harvest by week, 1998.

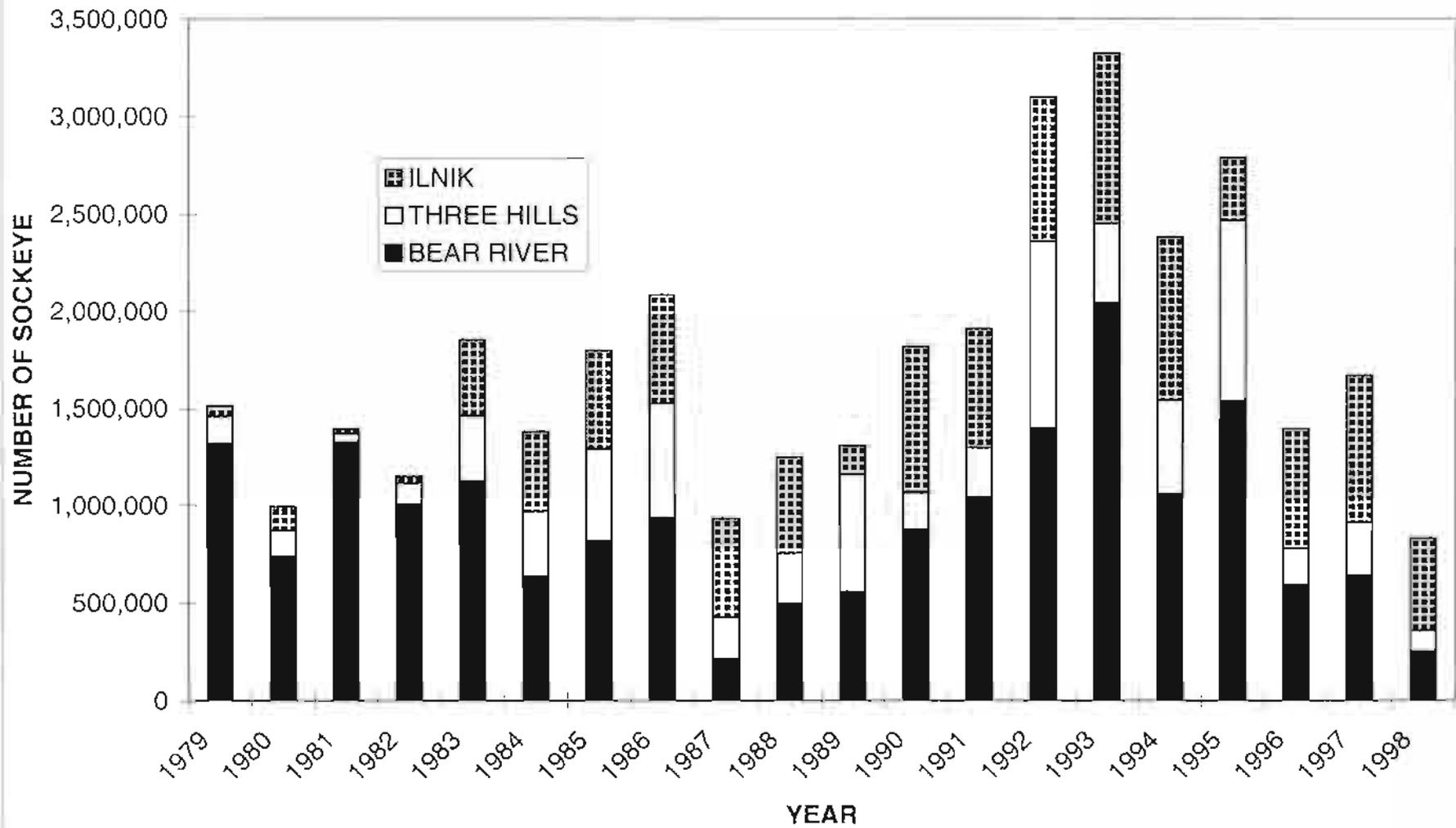


Figure 6. Bear River, Three Hills, and Ilnik Sections commercial sockeye salmon harvest, 1979-98.

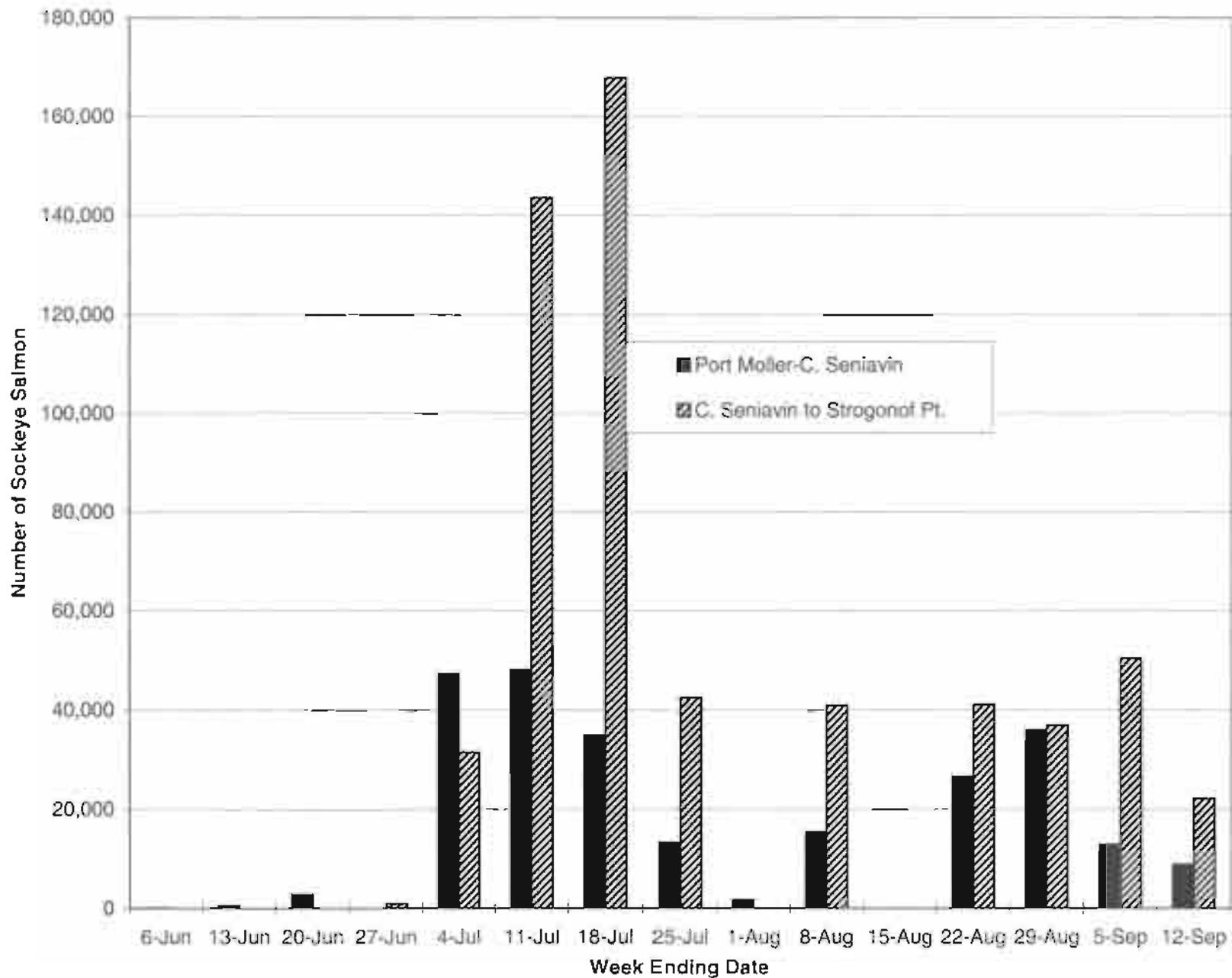


Figure 7. Port Moller to Stroganof Point sockeye salmon catch by week, 1998.

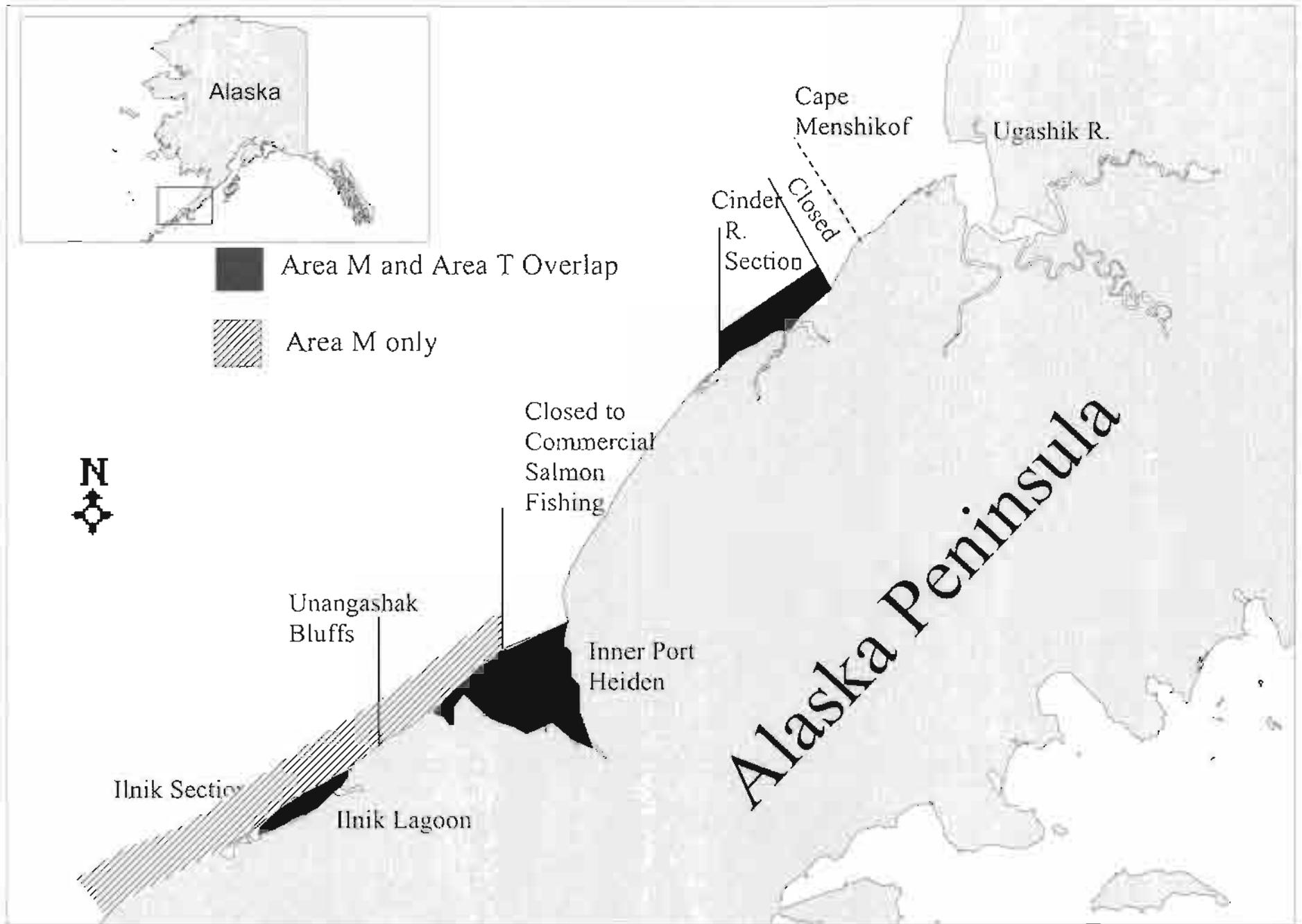
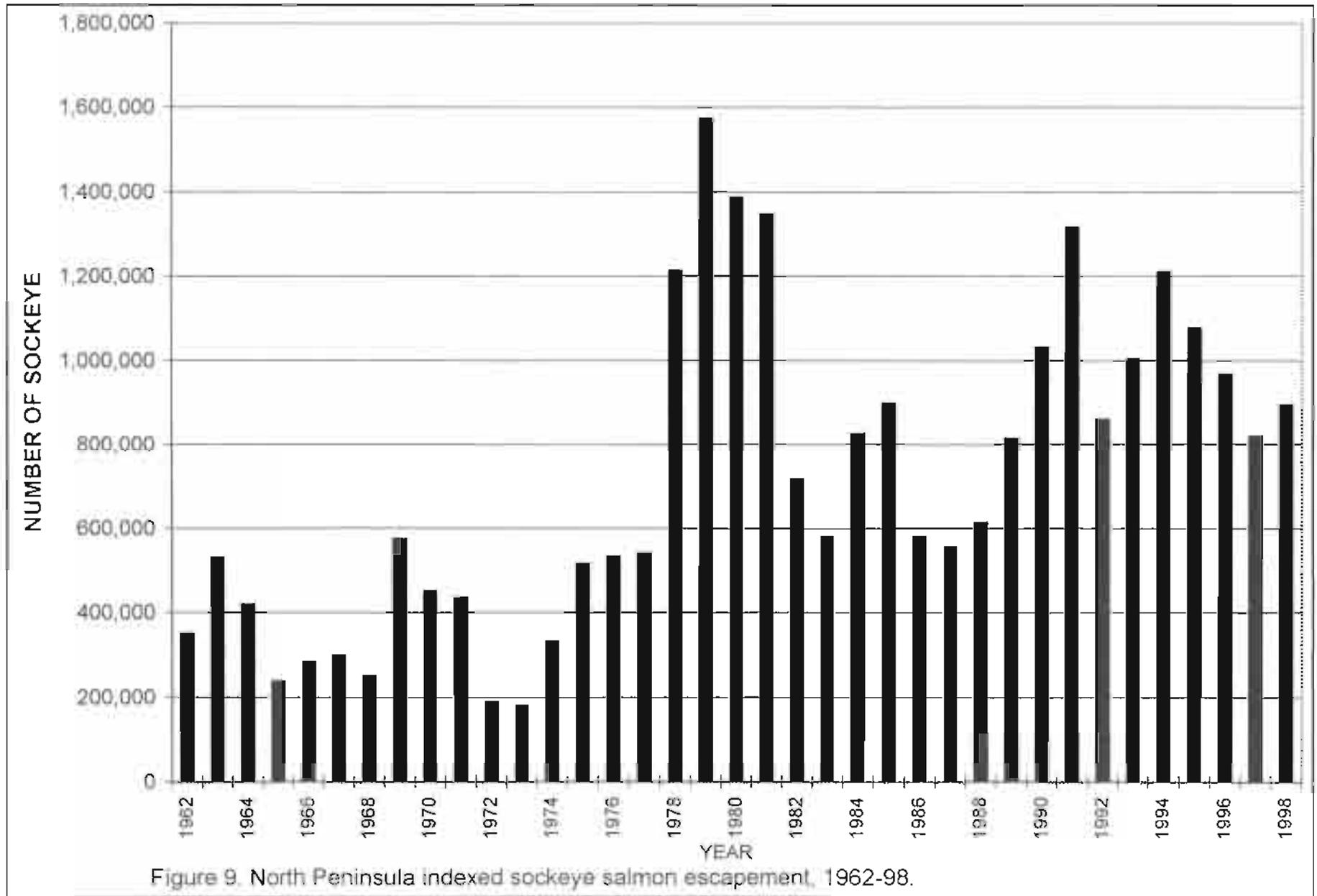


Figure 8. Alaska Peninsula (Area M) and Bristol Bay (Area T) commercial salmon fishing overlap areas.



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