UNALAKLEET RIVER TEST NET PROJECT, 2001

By

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TABLE OF CONTENTS

	Page
LIST OF TABLES	IV
LIST OF FIGURES	V
LIST OF APPENDICES	VI
ABSTRACT	VII
INTRODUCTION	1
METHODS	1
Test Fishing	1
Catch Sampling	2
Chinook Salmon Subsistence Survey	2
Postseason Subsistence Survey	2
Data Analysis	3
RESULTS	3
Commercial and Subsistence Harvests	3
Test Fishing	3
Comparative Catch Statistics	3
Catch Sampling	4
Chinook Salmon Subsistence Survey	4
Postseason Subsistence Survey	4
DISCUSSION	5
LITERATURE CITED	6
TABLES	9
FIGURES	20
APPENDICES	28

LIST OF TABLES

Table		Page
1.	Commercial salmon harvest by fishing period, Unalakleet Subdistrict, Norton Sound, 2001	9
2.	Chinook salmon commercial catch and escapement data, Unalakleet Subdistrict, Norton Sound, 1981-2001	10
3.	Coho salmon commercial catch and escapement data, Unalakleet Subdistrict, Norton Sound, 1981-2001	10
4.	Chum salmon commercial catch and escapement data, Unalakleet Subdistrict, Norton Sound, 1981-2001	11
5.	Pink salmon commercial catch and escapement data, Unalakleet Subdistrict, Norton Sound, 1994-2001	11
6.	Commercial and subsistence salmon catches by species, Unalakleet Subdistrict, Norton Sound, 1961-2001	12
7.	Dates of the commercial and test fish mean cumulative proportion, Unalakleet Subdistrict, Norton Sound 1981-2001	13
8.	Chinook salmon test fish sample age and sex composition and mean length, Unalakleet River, Norton Sound, 2001	14
9.	Chinook salmon commercial catch sample age and sex composition and mean length, Unalakleet Subdistrict, Norton Sound, 2001	15
10.	Coho salmon test fish sample age and sex composition and mean length, Unalakleet River, Norton Sound, 2001	16
11.	Coho salmon commercial catch sample age and sex composition and mean length, Unalakleet Subdistrict, Norton Sound, 2001	17
12.	Chum salmon test fish sample age and sex composition and mean length, Unalakleet River, Norton Sound, 2001	18
13.	Chum salmon commercial catch sample age and sex composition and mean length, Unalakleet Subdistrict, Norton Sound, 2001	19

LIST OF FIGURES

Figure		Page
1.	Area location map of the Unalakleet River escapement projects, Norton Sound, 2001	20
2.	Comparison of chinook salmon commercial and test fish cumulative CPUE by year as a percentage of the 19 year average (1982-2000), Unalakleet Subdistrict, Norton Sound	21
3.	The 2001 cumulative chinook salmon test fishing CPUE compared to the previous 19 year average (1982-2000), Unalakleet River, Norton Sound	21
4.	Comparison of coho salmon commercial and test fish cumulative CPUE by year as a percentage of the 19 year average (1982-2000), Unalakleet Subdistrict, Norton Sound	22
5.	The 2001 cumulative coho salmon test fishing CPUE compared to the previous 19 year average (1982-2000), Unalakleet River, Norton Sound	22
6.	The 2001 cumulative pink salmon test fishing CPUE compared to the odd year average (1983-1999), Unalakleet River, Norton Sound	23
7.	Comparison of chum salmon commercial and test fish cumulative CPUE by year as a percentage of the 1982-2000 average, Unalakleet Subdistrict, Norton Sound	24
8.	The 2001 cumulative chum salmon test fishing CPUE compared to the previous 19 year average (1982-2000), Unalakleet River, Norton Sound	24
9.	Chinook salmon commercial and test fish cumulative proportion curves showing run-timing by date, Unalakleet Subdistrict, Norton Sound, 2001	25
10.	Chinook salmon test fish cumulative proportion run-timing for 2001 compared with the previous 19 year average (1982-2000), Unalakleet River, Norton Sound	25
11.	Coho salmon commercial and test fish cumulative proportion curves showing run-timing by date, Unalakleet Subdistrict, Norton Sound, 2001	26
12.	Coho salmon test fish cumulative proportion run-timing for 2001 compared with the 19 year average cumulative proportion (1982-2000), Unalakleet River, Norton Sound	26

LIST OF FIGURES (Continued)

Figure		Page
13.	Chum salmon test fish cumulative proportion run-timing for 2001 compared with the 19 year average cumulative proportion (1982-2000), Unalakleet River, Norton Sound	27
14.	Pink salmon test fish cumulative proportion run-timing for 2001 compared with the odd year average cumulative proportion (1983-1999), Unalakleet River, Norton Sound	27

LIST OF APPENDICES

Appendix		Page
1.	Test fishing catches of chinook salmon in 5 $^{7}/_{8}$" mesh set gillnet, Unalakleet River, Norton Sound, 1982-2001	28
2.	Test fishing catches of coho salmon in 5 $^{7}/_{8}$" mesh set gillnet, Unalakleet River, Norton Sound, 1981-2001	35
3.	Test fishing catches of pink salmon in 5 $^{7}/_{8}$" mesh set gillnet, Unalakleet River, Norton Sound, 1981-2001	41
4.	Test fishing catches of chum salmon in 5 $^{7}/_{8}$" mesh set gillnet, Unalakleet River, Norton Sound, 1981-2001	47
5.	Subsistence chinook salmon catch and effort, Unalakleet River and Unalakleet Subdistrict, Norton Sound 1982-2001	57

ABSTRACT

The Unalakleet River and its five major tributaries, which drain an area of 2,815 square km, all support spawning salmon, and are the largest producer of salmon in Norton Sound. Methods implemented to assess salmon escapement have included aerial surveys, inseason subsistence surveys, test fishing, counting towers, and sonar. The same test fishing site, located on the north bank of the Unalakleet River approximately five km upstream from the river mouth, has been used since 1981. Scale samples were collected from chinook, chum, and coho salmon for age determination in both the test fishery and the commercial catch. A total of 79 king salmon, 199 coho salmon, 415 pink salmon, and 642 chum salmon were caught in the test net from 14 June to 7 September. Daily peak CPUE's occurred on 27 June for king salmon, on 7 August for coho salmon, on 20 July for pink salmon, and on 26 June for chum salmon. Comparisons of cumulative CPUE by year as a percentage of the previous 19 year average for each species show a correlation between the commercial and test fisheries, with some exceptions.

KEY WORDS: chum salmon, coho salmon, chinook salmon, pink salmon, test fishing, Unalakleet District, Oncorhynchus, Unalakleet River, Catch Per Unit Effort

INTRODUCTION

The Unalakleet River system drains an area of 2,815 square km. The drainage extends westward from the Nulato Hills for approximately 210 km to the Bering Sea. The Unalakleet River and its five major tributaries all support spawning salmon. The Unalakleet River is the largest producer of salmon in Norton Sound and the town of Unalakleet is situated at the mouth of the river. Historically, the people of the area have depended on the salmon runs as the basis of their cash economy and for subsistence needs.

Methods implemented to assess salmon escapement have included aerial surveys, inseason subsistence surveys, test fishing, counting towers, and sonar. Chinook salmon return timing, magnitude and duration have been assessed using inseason subsistence surveys (Bue 1995; Bue and Lean 1988, 1990; Lean 1986a, 1987a). A counting tower operated on the important North River tributary from 1972 through 1974 (Regnart and Trasky 1973, and Cunningham 1975), from 1984 through 1986, (Lean 1985a, 1986b, 1987b) and since 1996 (Rob 1997, 1998, 1999 and Kohler 2000, 2001). Hydroacoustic counting techniques were used unsuccessfully in three prior years (Lean and Peterson 1983, 1984; Lean 1985b). Since 1981 test fishing in the river with set gillnets has provided an index of return strength by species (Lean and Peterson 1982, 1983, 1984, 1985; Lean 1986a, 1987a, 1989, 1991; Bue and Lean 1988, 1990; Bue 1994a, 1994b, Rob 1996a, 1996b, 1997, 1998, 1999 and Kohler 2000, 2001). This report presents test fishing results from the 2001 season and comparisons to previous years' data.

METHODS

Test Fishing

Test fishing began on 14 June and ended on 7 September in 2001. The same test fishing site, located on the north bank of the Unalakleet River approximately five km upstream from the river mouth (Figure 1), has been used since 1981.

Since 1981 similar test fishing gillnet gear has been used. The net fished this season had a 5-7/8 inch (14.9 cm) stretch mesh size and was 20 fathoms (37 m) in length. The net was hung at a 2:1 ratio and was constructed using light green #63 (210/18) multifilament twine, braided ½" nylon cork lines with "Spongex" floats at 30 inch (76 cm) intervals, and braided 95 pounds (43 kg) per 100 feet (30 m) lead core lead line. The same net setting technique has been used since 1981. The net was set in a line between a willow that serves as the onshore anchor and the downstream end of an offshore island. The standard 20-fathom (37 m) net fishes the northern half of the channel between the island

and the shore. The test net was fished throughout the season. Beginning on 22 July, every Sunday was taken off for the rest of the season. The gillnet was picked twice daily, except for those occasional days when it was picked more often to prevent fish or debris saturation. All fish caught in the test net were delivered to a local subsistence fisher, per an agreement for the use of her family's traditional setnet site. When this person did not want fish, she give them to the village elders. The catch of each species and the hours fished were communicated to the Nome ADF&G office at least daily. During the season, the catch per unit effort (CPUE) was calculated for each species. Cumulative CPUE was calculated beginning with the first chinook, pink, chum and coho salmon caught.

Catch Sampling

Commercial catch sampling goals were 150 chinook and 150 coho salmon from the Unalakleet Subdistrict, and 250 chum salmon collected from 25 July to 8 August. Test fish catch sampling goals were to collect age, sex and length data for all chinook, coho and chum salmon caught in the test net. Pink salmon were counted only. Data were recorded on standard "mark sense" data entry forms. Scales were mounted on gum cards and pressed on acetate cards. Aging was done by the Nome staff who projected the scale impression on a microfiche reader. Three scales were taken from each chinook and coho salmon to compensate for regenerated and unreadable scales. One scale was taken from each chum salmon. Test fish catch sampling was done when the crew returned to Unalakleet.The fish were distributed to subsistence users after sampling was completed.

Chinook Salmon Subsistence Survey

Inseason surveys of the chinook salmon subsistence catch are used as a subjective tool by fishery managers. The numerous subsistence nets located in the Unalakleet River mouth and in the marine waters near the village of Unalakleet were monitored as indicators of chinook salmon passage. To obtain an additional index of the chinook salmon return, subsistence fishers were interviewed from 17 June to 1 July. Fishers were chosen for reliability and willingness to share catch information. Mean daily catches and locations were compared inseason in an effort to track the movement and magnitude of the chinook salmon return.

Postseason Subsistence Survey

The Division of Subsistence has conducted in-depth postseason subsistence salmon surveys in Norton Sound every year since 1994. The communities of Unalakleet, Shaktoolik, Stebbins and St. Michael were surveyed in Southern Norton Sound. In 1997, researchers attempted to conduct interviews of all the households in the surveyed communities. The survey project provides subsistence salmon harvest data by species by community; compiled information on gear types, participation rates, sharing, use of

salmon for dog food, and household size; updated household lists; and identified subsistence fishing households. Households were stratified into "usually fish" and "do not usually fish" households. The harvest data were then expanded by stratum to estimate total community harvest with expansion factors varying by stratum depending on the sampling rate. Community catch estimates were summed to give the subdistrict catch (Susan Georgette, Alaska Department of Fish & Game, Subsistence Division, personal communication).

Data Analysis

All historical and current year CPUE data were expanded after the 1994 season (Rob 1996a). CPUE data for 1995, 1996, 1997, 1998 and 1999 were also expanded after each season (Rob 1996b, 1997, 1998, 1999 and Kohler 2000, 2001). The 2001 CPUE data were expanded to compensate for days not fished. On days when no fishing occurred, the expanded CPUE was calculated by linear interpolation (Rob 1999).

RESULTS

Commercial and Subsistence Harvests

The commercial salmon harvest by fishing period for the Unalakleet Subdistrict is presented in Table 1. Current and historical annual commercial catch and escapement data by species is presented in Tables 2-5. Current and historical commercial and subsistence annual catches are shown in Table 6 and mean cumulative proportions in Table 7.

Test Fishing

A total of 79 chinook salmon (39% female, 61% male), 199 coho salmon (38% female, 62% male), 415 pink salmon, and 642 chum salmon (72% female, 28% male) were caught in the test net from 14 June to 8 September. Daily peak CPUE's (for days with 24 hours of fishing) occurred on 27 June for chinook salmon, on 7 August for coho salmon, on 20 July for pink salmon, and on 26 June for chum salmon. The current year and historical catch data is presented in Appendices1-4 and the age and sex composition data is presented in Tables 8, 10 and 12. Chinook salmon data were not collected in 1981 and catch and CPUE data for the other species are not comparable to subsequent years because of fishing site conflicts with the local family during July and August of that year.

Comparative Catch Statistics

The chinook salmon test fish cumulative CPUE in 2001 was 94% of the 19-year (1982-2000) average. The commercial cumulative CPUE was 11% of the average (Table 2). The coho salmon test fish cumulative CPUE in 2001 was 79% of the 19-year (1982-2000) average. The commercial cumulative CPUE was 129% of the average (Table 3). The chum salmon test fish cumulative CPUE in 2001 was 63% of the 19 year (1982-2000) average. The commercial CPUE was 47% of the average (Table 4). The pink salmon test fish cumulative CPUE in 2001 was 34% of the (1994-2000) average. There was no reported pink salmon commercial catch in 2001 (Table 5).

Postseason Subsistence Survey

The Division of Subsistence surveyed households in the Unalakleet Subdistrict and southern Norton Sound. At this writing the results are not available for 2001. The estimated subsistence salmon harvest for previous years is shown in Table 6. The dates of the commercial and test fish mean cumulative proportions for the last decade are listed in Table 7. This season's dates were earlier for coho and chum salmon test fish; all others were later that the 1982-2000 average.

Catch Sampling

Readable scales were collected from 63 chinook salmon, 80% of the chinook salmon caught at the test fish site. Age-1.2 contributed 36.5% of the sample, age-1.3 contributed 9.5%, and age-1.4 contributed 54.0% (Table 8). Readable scales were collected from 57 chinook salmon from the Unalakleet subdistrict commercial fishery. Age-1.2 contributed 31.6%, age-1.3 contributed 3.5%, age-1.4 contributed 57.9%, age-2.3 contributed 1.8%, and age-1.5 contributed 5.3% (Table 9).

Readable scales were collected from 164 coho salmon, 82% of the coho salmon caught at the test fish site. Age-1.1 contributed 4.3% of the sample, age-2.1 contributed 82.3% of the sample, and age-3.1 contributed 13.4% of the sample (Table 10). Readable scales were collected from 199 coho salmon from the Unalakleet subdistrict commercial fishery. Age-1.1 contributed 4.0%, age-2.1 contributed 63.8%, and age-3.1 contributed 32.2% of the sample (Table 11).

Readable scales were collected from 260 chum salmon, 40% of the chum salmon caught at the test fish site. Age-0.2 contributed 7.3% of the sample, age-0.3 contributed 40.8%, age-0.4 contributed 49.6%, and age-0.5 contributed 2.3% of the sample (Table 12). Readable scales were collected from 356 chum salmon from the Unalakleet subdistrict commercial fishery. Age-0.2 contributed 0.6% of the sample, age-0.3 contributed 36.0%, age-0.4 contributed 59.6%, and age-0.5 contributed 3.9% of the sample (Table 13).

Chinook Salmon Inseason Subsistence Survey

The timing for subsistence fishing near the mouth of the Unalakleet River was later than normal. The reported effort and catch were above average (Appendix Table 5).

DISCUSSION

The Unalakleet test fish project serves as an index of escapement using a 5.7/8" gillnet and only historic data from that mesh size is presented here for comparison. The other mesh sizes were dropped in 1981 because the test net catches are no longer used to apportion sonar counts by species.

Comparisons of cumulative CPUE by year as a percentage of the previous 19 year average for each species show a correlation between the commercial and test fisheries, with some exceptions (Figures 2, 3, and 4). Both commercial and test fish CPUE indices are useful management tools when combined with run-timing data (Tables 2-8, Appendices 1-4 and Figures 5-11). An example would be the 1985 and 1999 coho runs when it became evident from the comparison of catch rates with those of previous years that the run was weak. Commercial fishing time was reduced which resulted in a near average test fish CPUE by the end of the season.

A chinook salmon radio tagging and tracking project was conducted by the ADF&G Division of Sport Fish in 1997 and 1998. This project estimated proportions of the escapement migrating up the main stem of the Unalakleet River and the North River. In 1997, 62.8% of the radio tagged king salmon migrated up the Unalakleet River and 37.2% migrated up the North River. In 1998, 59.9% of the radio tagged chinook salmon migrated up the Unalakleet River and 40.1% migrated up the North River. The proportions provided a basis for expanding the North River tower count to estimate total escapement. The escapement estimate for the entire Unalakleet River drainage, estimated in this way, was approximately 11,000 king salmon in 1997, approximately 5,000 in 1998, 4,500 in 1999, 2,600 in 2000, and approximately 3300 in 2001. The North River tower is now assumed to be providing an index of chinook salmon abundance for the entire Unalakleet River drainage, and the counts can be expanded to provide a drainage wide estimate of abundance (Alfred DeCicco and Klaus Wuttig, Alaska Department of Fish & Game, Sport Fish Division, personal communication). The test fishing project provides a useful inseason index of escapement for fisheries management.

LITERATURE CITED

Bue, F. 1994a. Unalakleet River Test Net Project, 1991. Regional Information Report 3A94-09. Alaska Department of Fish & Game, Commercial Fisheries Division, Anchorage.

_____. 1994b. Unalakleet River Test Net Project, 1992. Regional Information Report 3A94-10. Alaska Department of Fish & Game, Commercial Fisheries Division, Anchorage.

_____. 1995. Unalakleet River Test Net Project, 1993. Regional Information Report 3A95-23. Alaska Department of Fish & Game, Commercial Fisheries Management and Development Division, Anchorage.

Bue, F. and Lean, C. 1988. Unalakleet River Test Net Project, 1987. Regional Information Report 3N88-07. Alaska Department of Fish & Game, Commercial Fisheries Division, Anchorage.

_____. 1990. Unalakleet River Test Net Project, 1989. Regional Information Report 3N90-07. Alaska Department of Fish & Game, Commercial Fisheries Division, Anchorage.

Cunningham, P. B. 1975. Arctic Anadromas Fish Investigations, Technical Report July 1, 1974 to June 30, 1975. Alaska Department of Fish & Game, Commercial Fisheries Division, AYK Region, Norton Sound/Kotzebue Sound State/Federal Report #3. Nome.

Kohler, T. 2000. Unalakleet River Test Net Project, 1999. Regional Information Report 3A00-20. Alaska Department of Fish & Game, Commercial Fisheries Division, Anchorage.

_____. 2001. Unalakleet River Test Net Project, 2000. Regional Information Report 3A01-32. Alaska Department of Fish & Game, Commercial Fisheries Division, Anchorage.

Lean, C. F. 1985a. 1984 North River Salmon Counting Tower. AYK Region, Norton Sound/Kotzebue Salmon Escapement Report #34. Nome.

_____. 1985b. 1984 Unalakleet River Sonar Feasibility. AYK Region, Norton Sound/Kotzebue Salmon Escapement Report #36. Nome.

_____. 1986a. 1985 Unalakleet River Test Fishing Project. AYK Region, Norton Sound/Kotzebue Salmon Escapement Report #43. Nome.

LITERATURE CITED (Continued)

Lean, C. F. 1986b. 1985 North River Salmon Counting Tower. AYK Region, Norton Sound/Kotzebue Salmon Escapement Report #42. Nome.

_____. 1987a. 1986 Unalakleet River Test Fishing Project. AYK Region, Norton Sound/Kotzebue Salmon Escapement Report #46. Nome.

_____. 1987b. 1986 North River Salmon Counting Tower. AYK Region, Norton Sound/Kotzebue Salmon Escapement Report #47. Nome.

_____. 1989. Unalakleet River Test Net Project, 1988. Regional Information Report 3N89-14. Alaska Department of Fish & Game, Commercial Fisheries Division, Anchorage.

_____. 1991. Unalakleet River Test Net Project, 1990. Regional Information Report 3N91-18. Alaska Department of Fish & Game, Commercial Fisheries Division, Anchorage.

Lean and Peterson. 1982. 1981 Unalakleet River Escapement Studies. AYK Region, Norton Sound/Kotzebue Salmon Escapement Report #26. Nome.

_____. 1983. 1982 Unalakleet River Escapement Studies. AYK Region, Norton Sound/Kotzebue Salmon Escapement Report #30. Nome.

_____. 1984. 1983 Unalakleet River Escapement Studies. AYK Region, Norton Sound/Kotzebue Salmon Escapement Report #32. Nome.

_____. 1985. 1984 Unalakleet River Escapement Studies. AYK Region, Norton Sound/Kotzebue Salmon Escapement Report #35. Nome.

Regnart, R. and Trasky, L. 1973. Norton Sound Anadromas Fish Investigations, Unalakleet Area 1972. Alaska Department of Fish & Game, Commercial Fisheries Division, AYK Region, Fisheries Bulletin No. 18. Nome.

Rob, P. J. 1996a. Unalakleet River Test Net Project, 1994. Regional Information Report 3A96-11. Alaska Department of Fish & Game, Commercial Fisheries Management and Development Division, Anchorage.

_____. 1996b. Unalakleet River Test Net Project, 1995. Regional Information Report 3A96-14. Alaska Department of Fish & Game, Commercial Fisheries Management and Development Division, Anchorage.

LITERATURE CITED (Continued)

Rob, P. J. 1997. Unalakleet River Test Net Project, 1996. Regional Information Report 3A97-12. Alaska Department of Fish & Game, Commercial Fisheries Management and Development Division, Anchorage.

_____. 1998. Unalakleet River Test Net Project, 1997. Regional Information Report 3A98-18. Alaska Department of Fish & Game, Commercial Fisheries Management and Development Division, Anchorage.

_____. 1999. Unalakleet River Test Net Project, 1998. Regional Information Report 3A99-19. Alaska Department of Fish & Game, Commercial Fisheries Management and Development Division, Anchorage.

_____. 1997. North River Salmon Counting Tower Project Summary Report, 1996. Regional Information Report 3A97-05. Alaska Department of Fish & Game, Commercial Fisheries Management and Development Division, Anchorage.

_____. 1998. North River Salmon Counting Tower Project Summary Report, 1997. Regional Information Report 3A98-08. Alaska Department of Fish & Game, Commercial Fisheries Management and Development Division, Anchorage.

_____. 1999. North River Salmon Counting Tower Project Summary Report, 1998. Regional Information Report 3A99-05. Alaska Department of Fish & Game, Commercial Fisheries Management and Development Division, Anchorage

Table 1. Commercial salmon harvest by fishing period, Unalakleet Subdistrict, Norton Sound, 2001.

			Chinook Salmon				Coho Salmon				Chum Salmon				Sockeye Salmon			
Dates	Hours Fished	# of Fish-ermen	# of Chinook	CPUE	Cumul-ative CPUE	Cum CPUE %	# of Coho	CPUE	Cumul-ative CPUE	Cum CPUE %	# of Chums	CPUE	Cumul-ative CPUE	Cum CPUE %	# of Sockey e	CPUE	Cumul-ative CPUE	Cum CPUE %
7/5-7/6	24	13	80	0.26	0.26	69.0%	0	0.00	0.00	0.0%	368	1.18	1.18	24.3%	0	0.00	0.00	0.00
7/9-7/10	24	12	24	0.08	0.34	89.7%	0	0.00	0.00	0.0%	273	0.95	2.13	42.4%	1	0.003	0.003	100.0%
7/27-7/28	24	12	2	0.01	0.35	91.4%	532	1.85	1.85	3.5%	267	0.93	3.05	60.1%	0	0.00	0.003	100.0%
7/30-7/31	24	10	1	0.00	0.35	92.2%	302	1.26	3.11	5.5%	80	0.33	3.39	65.3%	0	0.00	0.003	100.0%
8/2-8/3	24	9	0	0.00	0.35	92.2%	487	2.25	5.36	8.7%	82	0.38	3.77	70.8%	0	0.00	0.003	100.0%
8/6-8/8	48	10	3	0.01	0.36	94.8%	3410	7.10	12.46	31.3%	147	0.31	4.07	80.5%	0	0.00	0.003	100.0%
8/9-8/10	24	13	0	0.00	0.36	94.8%	2746	8.80	21.27	49.5%	110	0.15	4.23	87.8%	0	0.00	0.003	100.0%
8/13-8/15	48	15	1	0.00	0.36	95.7%	2539	3.53	24.79	66.3%	48	0.06	4.29	90.9%	0	0.00	0.003	100.0%
8/16-8/18	48	17	1	0.00	0.36	96.6%	1952	2.39	27.18	79.2%	43	0.07	4.35	93.8%	0	0.00	0.003	100.0%
8/20-8/22	48	17	2	0.00	0.36	98.3%	1497	1.83	29.02	89.2%	55	0.03	4.38	97.4%	0	0.00	0.003	100.0%
8/23-8/25	48	15	2	0.00	0.36	100.0%	1122	1.56	30.58	96.6%	24	0.02	4.40	99.0%	0	0.00	0.003	100.0%
8/27-8/28	24	13	0	0.00	0.36	100.0%	515	1.65	32.23	100.0%	15	4.85	9.25	100.0%	0	0.00	0.003	100.0%
Totals	408	29	116		0.36		15102		32.23		1512		9.25		1		0.003	

Table 2. Chinook salmon commercial catch and escapement data, Unalakleet Subdistrict, Norton Sound, 1981-2001.

Year	Commercial Catch	Commercial Cumulative CPUE	Commercial Cumulative CPUE as % of 1982-2000 Average	Test Net Catch	Test Net Cummulative CPUE	Test Net Cumulative CPUE as % of 1982-2000 Average	North River Tower Counts	North River Aerial Survey Counts
1981	6,157							
1982	3,768	1.65	51%	22	2.74	78%		8
1983	7,022	2.65	82%	18	2.55	73%		347
1984	6,804	4.44	137%	41	3.63	104%	2844[a]	51[b]
1985	12,621	4.75	147%	171	9.93	284%	1,426	873
1986	4,494	1.98	61%	49	2.19	63%	1,613	382
1987	3,246	2.77	86%	42	2.23	64%		445
1988	2,218	1.64	51%	13	0.67	19%		202
1989	4,402	2.74	85%	45	2.03	58%		
1990	5,998	3.64	113%	41	1.82	52%		255
1991	4,534	2.63	81%	33	1.71	49%		661
1992	3,402	1.72	53%	23	1.18	34%		329
1993	5,944	4.08	126%	91	4.61	132%		900
1994	4,400	5.07	157%	35	1.53	44%		
1995	7,617	2.15	66%	85	4.79	137%		
1996	3,644	2.84	88%	139	6.53	187%	1,197	106
1997	9,067	7.67	237%	193	8.52	266%	4,185	1605[a]
1998	6,228	4.84	150%	103	4.94	141%	2,100	591
1999	1,927	2.92	90%	61	2.85	82%	2,263	18[a]
2000	582	1.25	39%	46	1.97	56%	1,046	[a]
2001	116	0.36	11%	79	3.29	94%	1,337	367
Average 1982-2000	5,154	3.23		65.84	3.50			

Table 3. Coho salmon commercial catch and escapement data, Unalakleet Subdistrict, Norton Sound, 1981-2001.

Year	Commercial Catch	Commercial Cumulative CPUE	Commercial Cumulative CPUE as % of 1982-2000 Average	Test Net Catch	Test Net Cummulative CPUE	Test Net Cumulative CPUE as % of 1982-2000 Average	North River Tower Counts	North River Aerial Survey Counts
1981	29,845			301	12.54			263
1982	61,343	32.23	129%	235	27.28	189%		4,145
1983	36,098	19.05	76%	184	16.25	113%		
1984	47,904	24.44	98%	259	25.30	175%	95[a]	152[b]
1985	15,421	14.16	57%	172	11.56	80%	2045[a]	
1986	20,580	12.69	51%	134	9.01	63%		
1987	15,097	10.02	40%	128	6.58	46%		680
1988	24,265	11.17	45%	172	9.26	64%		
1989	36,025	20.03	80%	181	9.82	68%		
1990	52,015	34.75	139%	254	14.01	97%		263
1991	52,033	27.65	111%	152	8.46	59%		2,510
1992	84,449	42.40	170%	421	24.92	173%		398
1993	26,290	21.28	85%	138	7.28	50%		1,397
1994	71,019	51.96	208%	276	14.13	98%		
1995	31,280	23.43	94%	188	9.13	63%		
1996	52,027	35.12	141%	609	35.88	249%	1,229	1,834
1997	26,079	17.52	70%	168	9.00	65%	5,768	
1998	24,534	33.56	135%	186	11.27	78%	3,361	233
1999	10,264	2.64	11%	187	10.46	73%	4,792	533
2000	29,803	39.88	160%	228	11.73	81%	6,959	[a]
2001	15,102	32.23	129%	199	11.43	79%	12,383	[c]
Average 1982-2000	37,712	24.95		225	14.42			

[a] Poor counting conditions

[b] Early, late, or poor survey conditions

[c] No survey done

Table 4. Chum salmon commercial catch and escapement data, Unalakleet Subdistrict, Norton Sound, 1981-2001.

Year	Commercial Catch	Commercial Cumulative CPUE	Commercial Cumulative CPUE as % of 1982-2000 Average	Test Net Catch	Test Net Cummulative CPUE	Test Net Cumulative CPUE as % of 1982-2000 Average	North River Tower Counts	North River Aerial Survey Counts
1981	39,186			1,104	46.00			599
1982	44,520	15.66	80%	340	57.85	125%		4,135
1983	109,220	43.90	224%	547	79.29	171%		
1984	43,317	22.25	114%	608	55.65	120%	2915[b]	1625[c]
1985	25,111	20.20	103%	819	44.75	97%	4,567	1,625
1986	29,136	16.69	85%	806	49.49	107%	3,738	
1987	17,525	10.94	56%	608	29.61	64%		392
1988	25,364	16.15	83%	488	30.17	65%		
1989	20,825	17.01	87%	730	40.76	88%		
1990	23,659	14.62	75%	331	19.08	41%		1,345
1991	39,609	21.46	110%	735	40.57	88%		2,435
1992	52,547	26.60	136%	926	44.97	97%		
1993	28,156	19.37	99%	637	32.27	70%		445
1994	12,288	[a]	[a]	891	48.75	105%		
1995	24,843	9.20	47%	1,101	58.29	126%		
1996	7,369	[a]	[a]	1,424	87.43	189%	9,789	540
1997	17,139	[a]	[a]	743	39.34	85%	6,904	9,045
1998	6,210	[a]	[a]	492	25.44	55%	1,526	
1999	5,700	[a]	[a]	956	49.90	108%	5,600	1,480
2000	2,700	20.01	102%	985	48.94	106%	4,971	[b]
2001	1,512	9.25	47%	642	29.22	63%	6,515	330
Average 1982-2000	28,170	19.58		732	46.31			

[a] There were no directed chum salmon openings, so cumulative CPUE was not calculated.

[b] Poor counting conditions

[c] Early, late, or poor survey conditions

Table 5. Pink salmon commercial catch and escapement data, Unalakleet Subdistrict, Norton Sound, 1994-2001.[a]

Year	Commercial Catch	Commercial Cumulative CPUE	Commercial Cumulative CPUE as % of 1982-2000 Average	Test Net Catch	Test Net Cummulative CPUE	Test Net Cumulative CPUE as % of 1982-2000 Average	North River Tower Counts	North River Aerial Survey Counts
1994	480,158	68.28	26%	3,816	264.59	430%		
1995	37,009	304.17	118%	221	13.57	22%		
1996	113,837	861.98	334%	2,122	115.52	188%	332,539	251,000
1997	0	0.00	0%	453	24.94	41%	127,926	17,870
1998	99,412	681.54	264%	481	25.79	42%	74,045	153,150
1999	0	0.00	0%	360	16.40	27%	48,993	3,790
2000	17,277	151.69	59%	211	10.19	17%	69,703	[b]
2001	0	0.00	0%	415	21.18	34%	24,737	[c]
Average 1982-2000	93,462	258.46		1,010	61.52		112,991	

[a] Pink salmon commercial catch data from previous years is not comparable because of highly variable markets and runs.

[b] Poor counting conditions

[c] No survey done

Table 6. Commercial and subsistence salmon catches by species, Unalakleet Subdistrict, Norton Sound, 1961-2001.

	Commercial Catches						Subsistence Catches						Combined Catches					
Year	Chinook	Sockeye	Coho	Pink	Chum	Total	Chinook	Sockeye	Coho	Pink	Chum	Total	Chinook	Sockeye	Coho	Pink	Chum	Total
1961	5,160	35	13,807	5,162	23,586	47,750							5,160	35	13,807	5,162	23,586	47,750
1962	5,089		6,739	6,769	30,283	48,880							5,089	0	6,739	6,769	30,283	48,860
1963	5,941	18	16,202	11,140	27,003	60,304							5,941	18	16,202	11,140	27,003	60,304
1964	1,273	1	79	1	19,611	20,965	488		2,227	7,030	6,726	16,471	1,761	1	2,306	7,031	26,337	37,436
1965	1,321		2,030	24	26,498	29,873	521		4,562	11,488	8,791	25,362	1,842	0	6,592	11,512	35,289	55,235
1966	1,208		4,183	5,023	16,840	27,254	90		789	6,083	3,387	10,349 [c]	1,298	0	4,972	11,106	20,227	37,603
1967	1,751		1,544	21,961	8,502	33,758	490		484	9,964		10,938 [c]	2,241	0	2,028	31,925	8,502	44,696
1968	960		6,549	41,474	14,865	63,848	186		1,493	11,044	2,982	15,705 [c]	1,146	0	8,042	52,518	17,847	79,553
1969	2,276		5,273	40,558	22,032	70,139	324		1,483	4,230	4,196	10,233 [c]	2,600	0	6,756	44,788	26,228	80,372
1970	1,604		4,261	30,779	40,029	76,673	495		3,907	10,104	7,214	21,720 [c]	2,099	0	8,168	40,883	47,243	98,393
1971	2,166		2,688	1,196	37,543	43,593	911		3,137	2,230	7,073	13,351 [c]	3,077	0	5,825	3,426	44,616	56,944
1972	2,235		412	28,231	20,440	51,318	643		1,818	3,132	4,132	9,725 [c]	2,878	0	2,230	31,363	24,572	61,043
1973	1,397		8,922	13,335	25,716	49,370	323		213	6,233	3,426	10,195	1,720	0	9,135	19,568	29,142	59,565
1974	2,100		1,778	93,332	36,170	133,380	313		706	7,341	588	8,948	2,413	0	2,484	100,673	36,758	142,328
1975	1,638		3,167	12,137	48,740	65,682	163		74	4,758	2,038	7,033	1,801	0	3,241	16,895	50,778	72,715
1976	1,211	1	5,141	37,203	24,268	67,824	142		694	4,316	2,832	7,984	1,353	1	5,835	41,519	27,100	75,808
1977	2,691	1	2,781	21,001	32,936	59,410	723		1,557	8,870	6,085	17,235	3,414	1	4,338	29,871	39,021	76,645
1978	7,525	5	5,737	136,200	37,079	186,546	1,044		2,538	13,268	3,442	20,292	8,569	5	8,275	149,468	40,521	206,838
1979	6,354	8	23,696	49,647	30,445	110,150	640		3,330	6,960	1,597	12,527	6,994	8	27,026	56,607	32,042	122,677
1980	4,339	3	21,512	203,142	64,198	293,194	1,046		4,758	19,071	5,230	30,105	5,385	3	26,270	222,213	69,428	323,299
1981	6,157	47	29,845	123,233	39,186	198,468	869	24	5,808	5,750	4,235	16,686	7,026	71	35,653	128,983	43,421	215,154
1982	3,768	2	61,343	142,856	44,520	252,489	913	2	7,037	20,045	4,694	32,691	4,681	4	68,380	162,901	49,214	285,180
1983	7,022	13	36,098	26,198	109,220	178,551	1,868	33	6,888	13,808	4,401	26,998	8,890	46	42,986	40,006	113,621	205,549
1984	6,804	6	47,904		43,317	98,031	1,650	1	6,675	17,418	3,348	29,092	8,454	7	54,579	17,418	46,665	127,123
1985	12,621	21	15,421	1	25,111	53,175	1,397	3	2,244	55	1,968	5,667	14,018	24	17,665	56	27,079	58,842
1986	4,494	153	20,580		30,239	55,466						[d]	4,494	153	20,580	0	30,239	55,466
1987	3,246	141	15,097	97	17,525	36,106						[d]	3,246	141	15,097	97	17,525	36,106
1988	2,218	157	24,232	23,730	25,363	75,700						[d]	2,218	157	24,232	23,730	25,363	75,700
1989	4,402	222	36,025		20,825	61,474			4,681	17,500	1,388	23,569 [e]	4,402	222	40,706	17,500	22,213	85,043
1990	5,998	358	52,015		23,659	82,030	2,476					2,476 [e]	8,474	358	52,015		23,659	84,506
1991	4,534	147	52,033		39,609	96,323						[d]	4,534	147	52,033		39,609	96,323
1992	3,409	229	84,449	6,284	52,547	146,918						[d]	3,409	229	84,449	6,284	52,547	146,918
1993	5,944	251	26,290	42,061	28,156	102,702						[d]	5,944	251	26,290	42,061	28,156	102,702
1994	4,400	71	71,019	480,158	12,288	567,936	5,294	819	16,081	31,572	12,732	66,498 [ef]	9,694	890	87,100	511,730	25,020	634,434
1995	7,617	78	31,280	37,009	24,843	100,827	5,504	843	14,450	17,553	15,162	53,512 [ef]	13,121	921	45,730	54,562	40,005	154,339
1996	3,644	0	52,027	113,837	7,369	176,877	5,180	614	15,856	19,749	16,224	57,623 [ef]	8,824	614	67,883	133,586	23,593	234,500
1997	9,067	159	26,079	0	17,139	52,444	6,325	353	9,120	10,804	7,649	34,251 [ef]	15,392	512	35,199	10,804	24,788	86,695
1998	6,413	7	24,534	99,412	6,210	136,576	5,915	639	11,825	17,259	7,962	43,600 [ef]	12,328	646	36,359	116,671	14,172	180,176
1999	1,927	0	10,264	0	5,700	17,891	4,504	848	10,250	10,891	10,040	36,533 [ef]	6,431	848	20,514	10,891	15,740	54,424
2000	582	0	29,803	17,227	2,700	50,312	2,887	569	9,487	11,075	7,297	31,315 [ef]	3,469	569	39,290	28,302	9,997	81,627
2001	116	1	15,102	0	1,512	16,731						[g]						[g]
5 Year Average[a]	4,327	33	28,541	46,095	7,824	86,820	4,962	605	11,308	13,956	9,834	40,664	9,289	638	39,849	60,051	17,658	127,484
10 Year Average[b]	4,754	94	40,778	88,443	19,656	144,881							8,315	563	49,485	101,655	27,363	177,214

[a] 1996-2000

[b] 1991-2000

[c] Subsistence catches 1966-1972 include fish taken at St. Michael.

[d] Subsistence surveys were not conducted.

[e] In-depth survey by the Subsistence Division.

[f] Subsistence catches 1994-2000 include fish taken at Stebbins and St. Michael.

[g] Analysis of subsistence data not completed as of this writing.

Table 7. Dates of the commercial and test fish mean cumulative proportion, Unalakleet Subdistrict, Norton Sound, 1981-2001.

	Chinook Salmon		Coho Salmon		Chum Salmon		Even Year Pink Salmon		Odd Year Pink Salmon	
Year	Commercial Fishery	Test Fishery	Commercial Fishery	Test Fishery	Commercial Fishery	Test Fishery	Commercial Fishery	Test Fishery	Commercial Fishery	Test Fishery
1981	6/20		8/15	8/19	7/18	7/29				7/22
1982	6/23	6/22	8/14	8/15	7/17	7/13		7/7		
1983	6/25	6/18	8/13	8/21	7/14	7/20				7/12
1984	6/29	7/4	8/15	8/6	7/18	7/13		7/12		
1985	7/6	7/7	8/21	8/24	7/24	7/9				7/17
1986	6/28	6/26	8/13	8/6	7/16	7/24		7/3		
1987	6/26	7/10	8/15	8/30	7/11	7/23				7/20
1988	6/24	6/27	8/13	8/13	7/13	7/25		7/4		
1989	6/20	6/19	8/9	8/15	7/12	7/12				7/20
1990	6/23	6/20	8/11	8/22	7/7	7/13		7/14		
1991	6/26	6/24	8/10	8/27	7/17	7/27				7/23
1992	7/8	7/15	8/12	8/12	7/8	7/14		7/13		
1993	6/26	6/28	8/17	8/25	7/10	7/30				7/14
1994	6/23	6/22	8/4	8/22	[a]	7/6	7/12	7/13		
1995	6/20	6/18	8/11	8/14	7/4	7/14			7/12	7/22
1996	6/20	6/15	8/5	8/5	[a]	7/11	7/11	7/15		
1997	6/19	6/27	8/7	8/12	[a]	7/18				7/23
1998	6/25	7/10	8/10	8/16	[a]	7/19	7/10	7/12		
1999	7/3	7/9	8/17	8/23	7/13	7/28			[b]	7/22
2000	6/26	6/24	8/7	8/17	7/5	7/18	7/6			
2001	7/6	7/4	8/10	8/14	7/28	7/9			[b]	7/21
Average 1982-2000	6/25	6/29	8/10	8/16	7/8	7/17	7/11	7/13	7/12	7/20

[a] There were no directed chum salmon openings, so cumulative proportion was not calculated.

[b] There were no directed pink salmon openings, so cumulative proportion was not calculated.

Table 8. Chinook salmon test fish sample age and sex composition and mean length, Unalakleet River, Norton Sound, 1

		Brood Year and (Age Group)						
		1997 (1.2)	1996 (1.3)	1995 (1.4)	1995 (2.3)	1994 (2.4)	1994 (1.5)	Total
Sampling Dates	6/15-7/17							
Sample Size:	63							
Male	Percent of Sample	34.9%	7.9%	20.6%				63.5%
	Number in Catch	22	5	13				40
	Mean length (mm) [a]	577	700	842				
Female	Percent of Sample	1.6%	1.6%	33.3%				36.5%
	Number in Catch	1	1	21				23
	Mean length (mm) [a]	510	660	863				
Total	Percent of Sample	36.5%	9.5%	54.0%	0.0%	0.0%	0.0%	100.0%
	Number in Catch	23	6	34	0	0	0	63

[a] Length was from mid-eye to fork of tail.

Table 9. Chinook salmon commercial catch sample age and sex composition and mean length, Unalakleet Subdistrict, Norton Sound, 2001.

		Brood Year and (Age Group)							
		1997 (1.2)	1996 (1.3)	1995 (1.4)	1995 (2.3)	1994 (2.4)	1994 (1.5)		Total
Sampling Dates:	7/6-7/10								
Sample Size:	57								
Female	Percent of Sample	31.6%	3.5%	10.5%	1.8%		0.0%		47.4%
	Number in Sample	18	2	6	1		0		27
	Mean length (mm) [a]	564	630	853	760				
Male	Percent of Sample	0.0%	0.0%	47.4%			5.3%		52.6%
	Number in Sample		0	27			3		30
	Mean length (mm) [a]			890			867		
Totals	Percent of Sample	31.6%	3.5%	57.9%	1.8%	0.0%	5.3%		100.0%
	Number in Sample	18	2	33	1	0	3	0	57

[a] Length was from mid-eye to fork of tail.

Table 10. Coho salmon test fish sample age and sex composition and mean length, Unalakleet River, Norton Sound, 2

		Brood Year and (Age Group)			
		1998 (1.1)	1997 (2.1)	1996 (3.1)	Total
Sampling Dates:	7/20-9/7				
Sample Size:	164				
Male	Percent of Sample	2.4%	46.3%	4.9%	53.7%
	Number	4	76	8	88
	Mean length (mm) [a]	621	605	594	
Female	Percent of Sample	1.8%	36.0%	8.5%	46.3%
	Number	3	59	14	76
	Mean length (mm) [a]	612	603	612	
Total	Percent of Sample	4.3%	82.3%	13.4%	100.0%
	Number	7	135	22	164

[a] Length was from mid-eye to fork of tail.

Table 11. Coho salmon commercial catch sample age and sex composition and mean length, Unalakleet Subdistrict, Norton S

		Brood Year and (Age Group)			
		1996 (1.1)	1996 (2.1)	1995 (3.1)	Total
Sampling Dates	7/28-8/28				
Sample Size:	199				
Male	Percent of Sample	1.5%	39.2%	14.1%	54.8%
	Number	3	78	28	109
	Mean length (mm) [a]	597	580	594	
Female	Percent of Sample	2.5%	24.6%	18.1%	45.2%
	Number	5	49	36	90
	Mean length (mm) [a]		587	543	
Totals	Percent of Sample	4.0%	63.8%	32.2%	100.0%
	Number	8	127	64	199

[a] Length was from mid-eye to fork of tail.

Table 12. Chum salmon test fish sample age and sex composition and mean length, Unalakleet River, Norton Sound, 1

		Brood Year and (Age Group)				
		1998 (0.2)	1997 (0.3)	1996 (0.4)	1995 (0.5)	Total
Sampling Date:	6/16-9/7					
Sample Size:	260					
Male	Percent of Sample	1.5%	15.4%	48.8%	2.3%	27.9%
	Number	4	40	127	6	173
	Mean length (mm) [a]	555	604	636	634	
Female	Percent of Sample	5.8%	25.4%	0.8%	0.0%	72.1%
	Number		15	66	2	68
	Mean length (mm) [a]		596	612	612	
Totals	Percent of Sample	7.3%	40.8%	49.6%	2.3%	100.0%
	Number	19	106	129	6	260

[a] Length was from mid-eye to fork of tail.

Table 13. Chum salmon commercial catch sample age and sex composition and mean length, Unalakleet Subdistrict, Norton S(

		Brood Year and (Age Group)				
		1998 (0.2)	1997 (0.3)	1996 (0.4)	1995 (0.5)	Total
Sampling Dates:	7/6-8/7					
Sample Size:	356					
Male	Percent of Sample	0.3%	17.7%	28.7%	2.5%	49.2%
	Number	1	63	102	9	175
	Mean length (mm) [a]	555	598	615	636	
Female	Percent of Sample	0.3%	18.3%	30.9%	1.4%	50.8%
	Number	1	65	110	5	181
	Mean length (mm) [a]	570	587	597		
Totals	Percent of Sample	0.6%	36.0%	59.6%	3.9%	100.0%
	Number	2	128	212	14	356

[a] Length was from mid-eye to fork of tail.

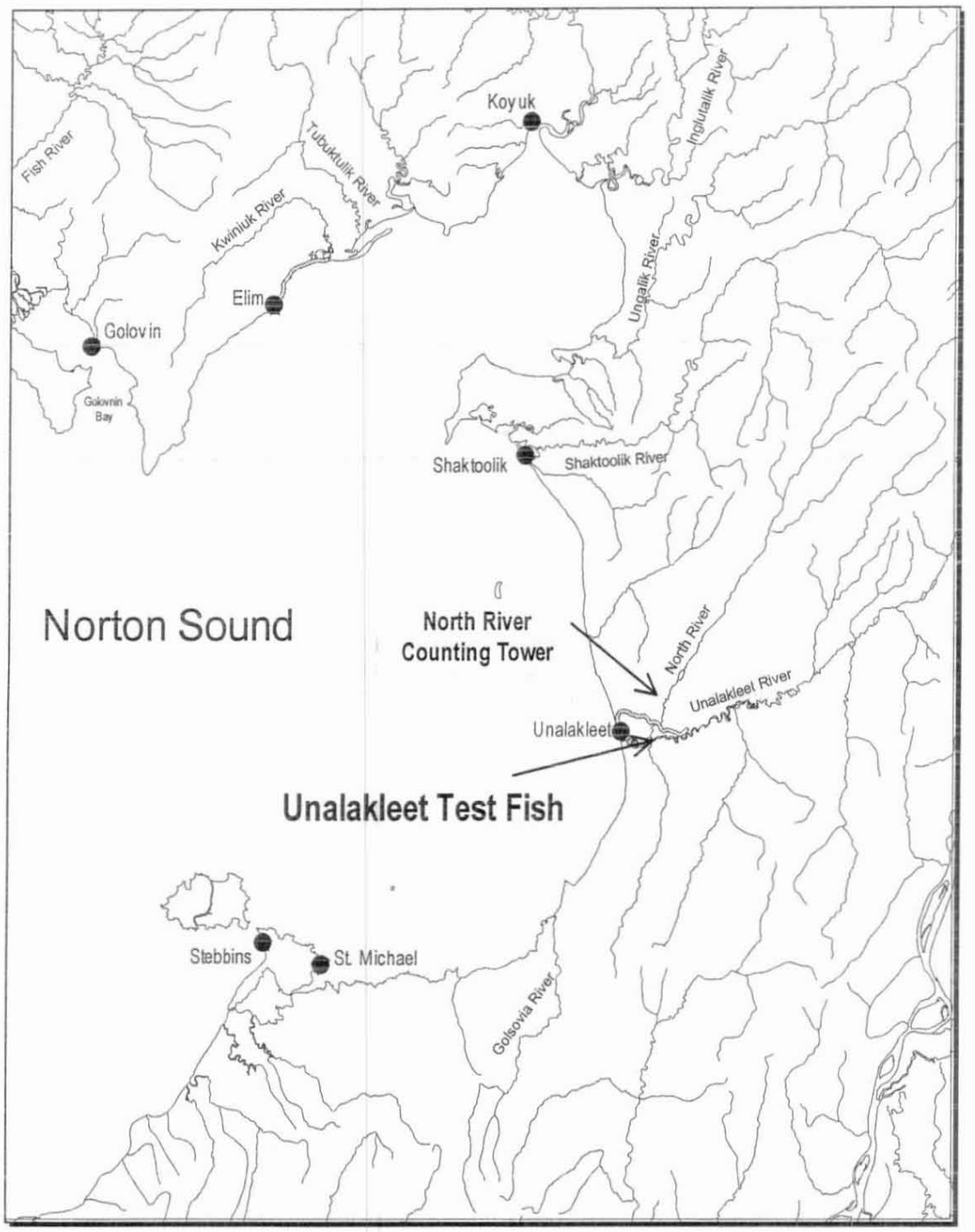

Figure 1. Area location map of the Unalakleet River escapement projects, Norton Sound, 2001.

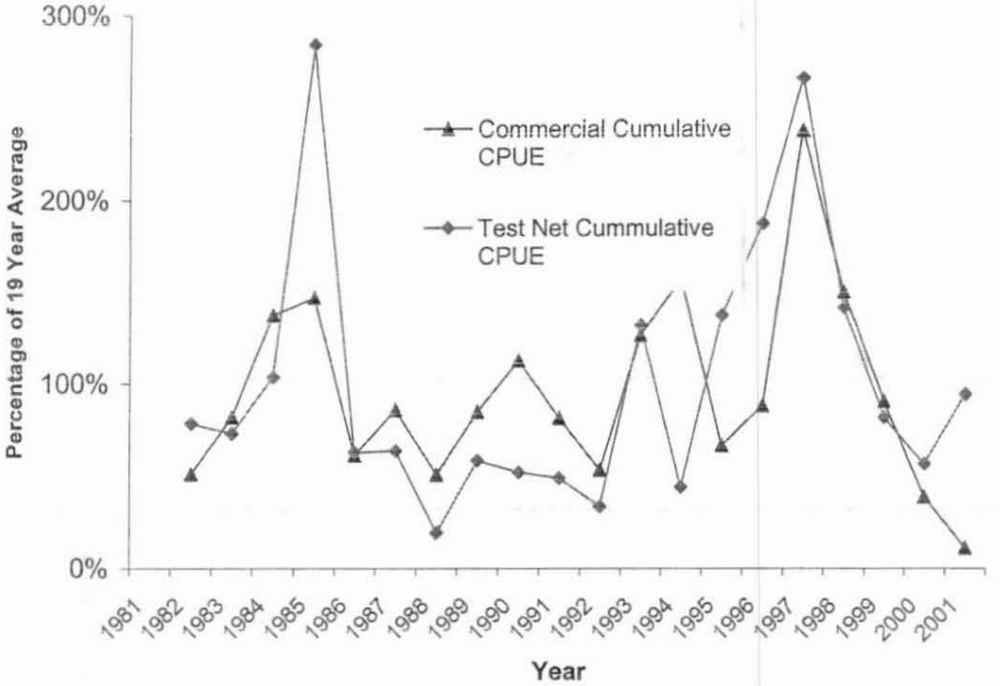

Figure 2. Comparison of chinook salmon commercial and test fish cumulative CPUE by year as a percentage of the 19 year average (1982-2000), Unalakleet Subdistrict, Norton Sound.

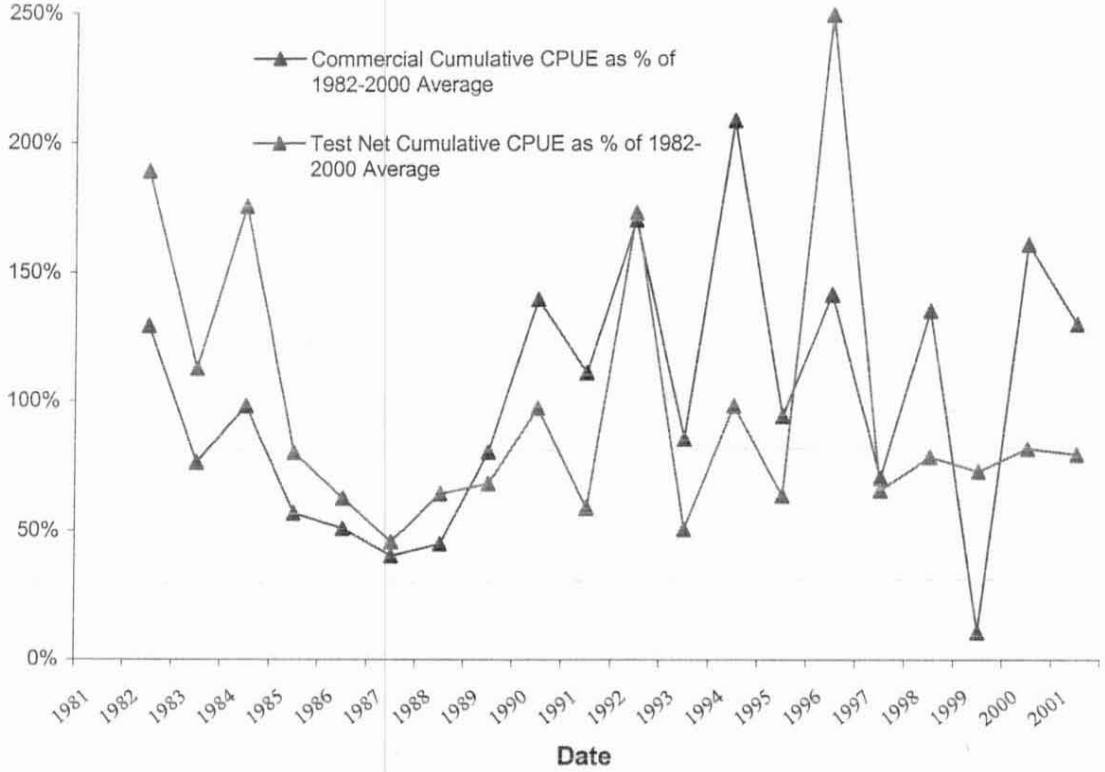

Figure 3. Comparison of coho salmon commercial and test fish cumulative CPUE by year as a pertcentage of the 19 year average (1982-2000), Unalakleet Subdistrict, Norton Sound.

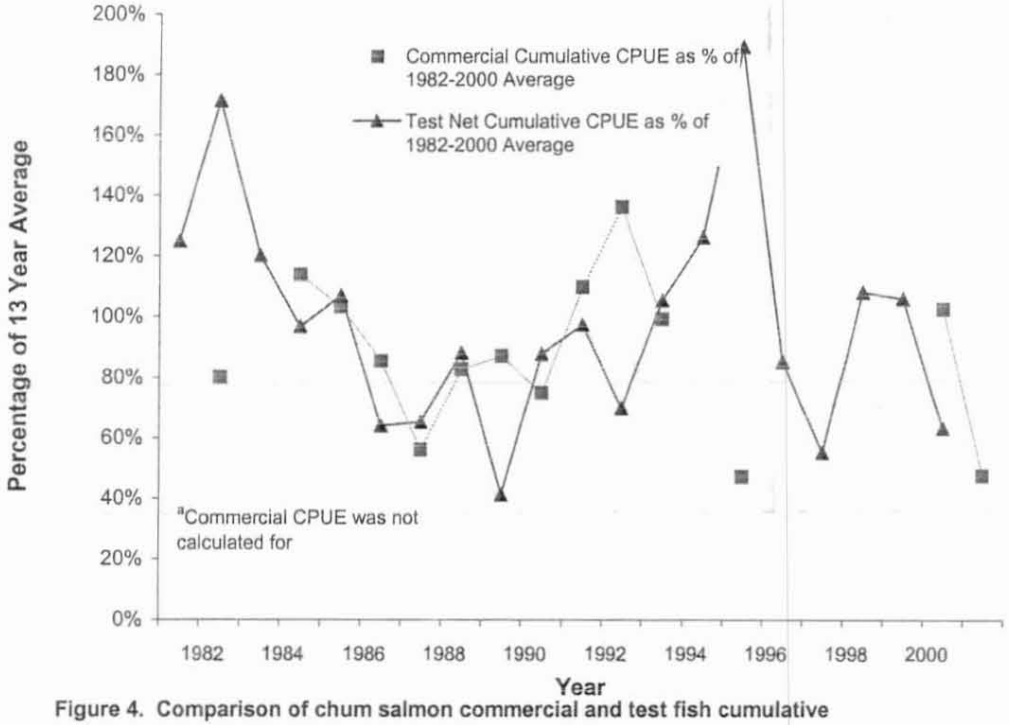

Figure 4. Comparison of chum salmon commercial and test fish cumulative CPUE[a] by year as a percentage of the 1982-2000 average, Unalakleet Subdistrict, Norton Sound.

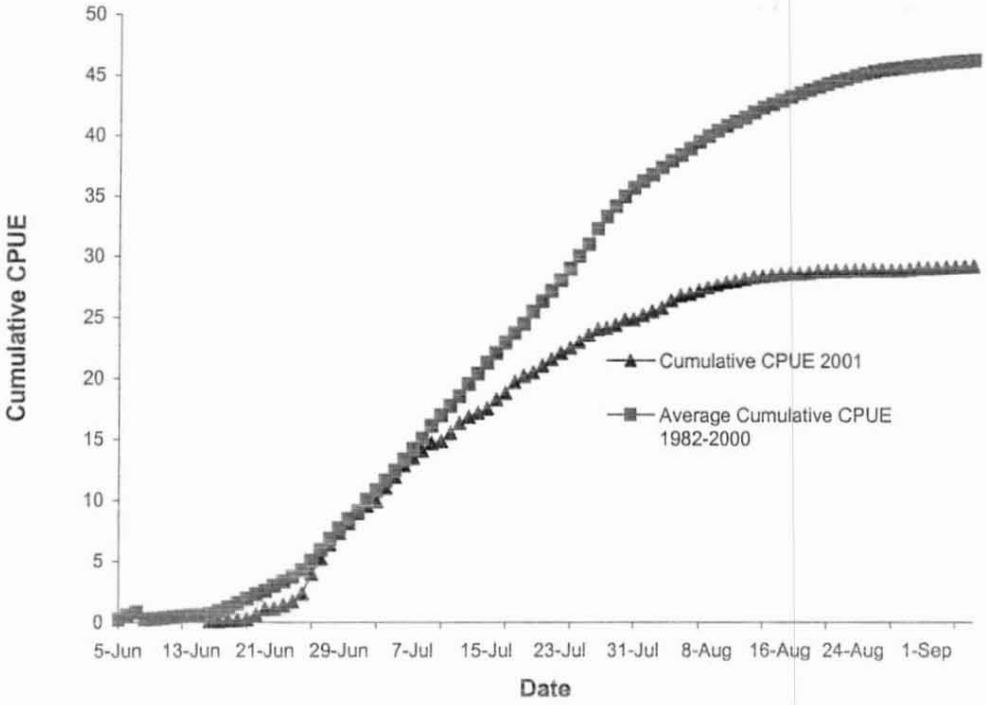

Figure 5. The 2001 cumulative chum salmon test fishing CPUE compared to the previou average (1982-2000), Unalakleet River, Norton Sound.

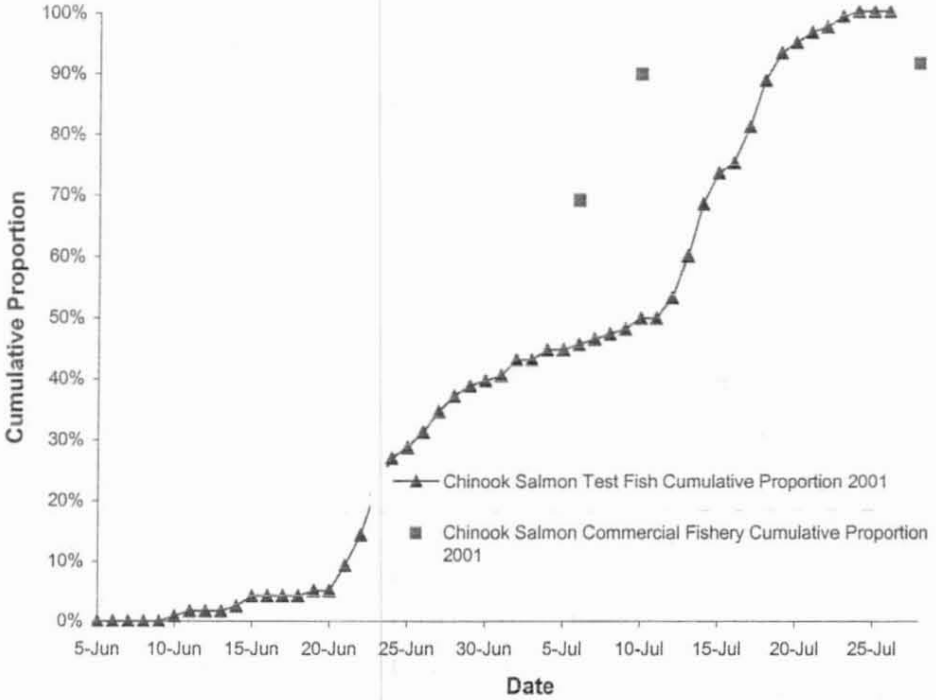

Figure 6. Chinook salmon commercial and test fish cumulative proportion curves show timing by date, Unalakleet Subdistrict, Norton Sound, 2001.

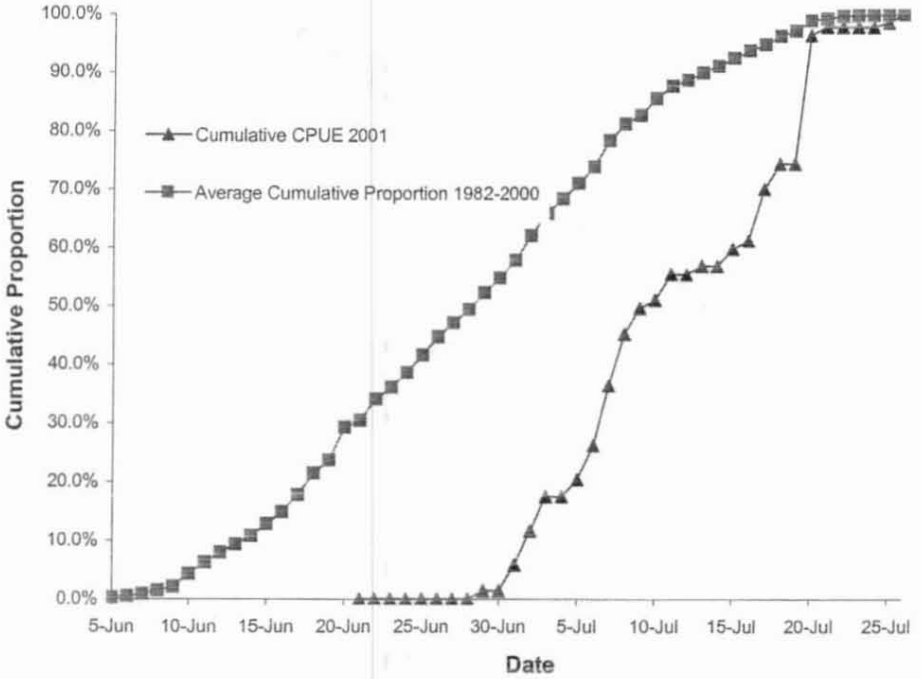

Figure 7. Chinook salmon test fish cumulative proportion run-timing for 2001 compar previous 19 year average (1982-2000), Unalakleet River, Norton Sound.

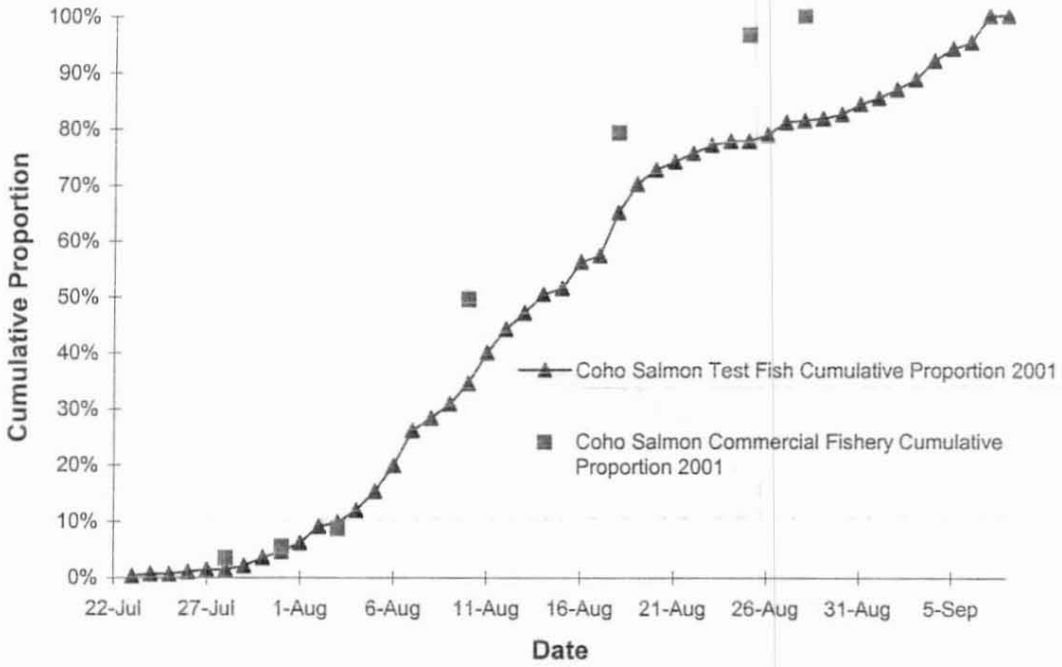

Figure 8. Coho salmon commercial and test fish cumulative proportion curves showing timing by date, Unalakleet Subdistrict, Norton Sound, 2001

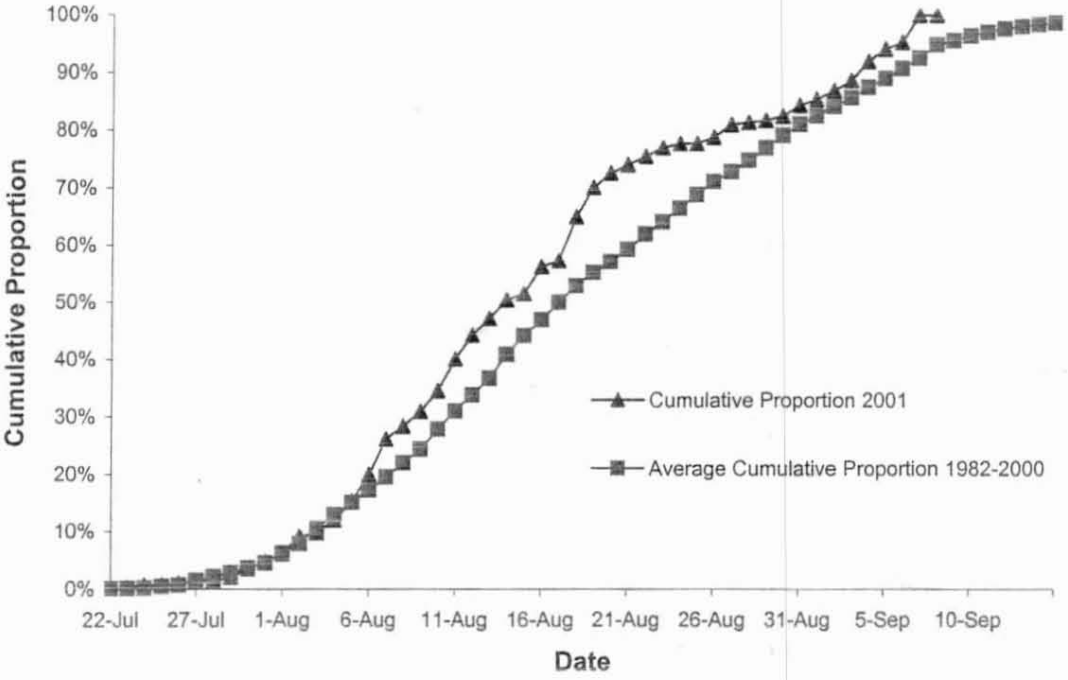

Figure 9. Coho salmon test fish cumulative proportion run-timing for 2001 compared wi 19 year average cumulative proportion (1982-2000), Unalakleet River, Norton Sound.

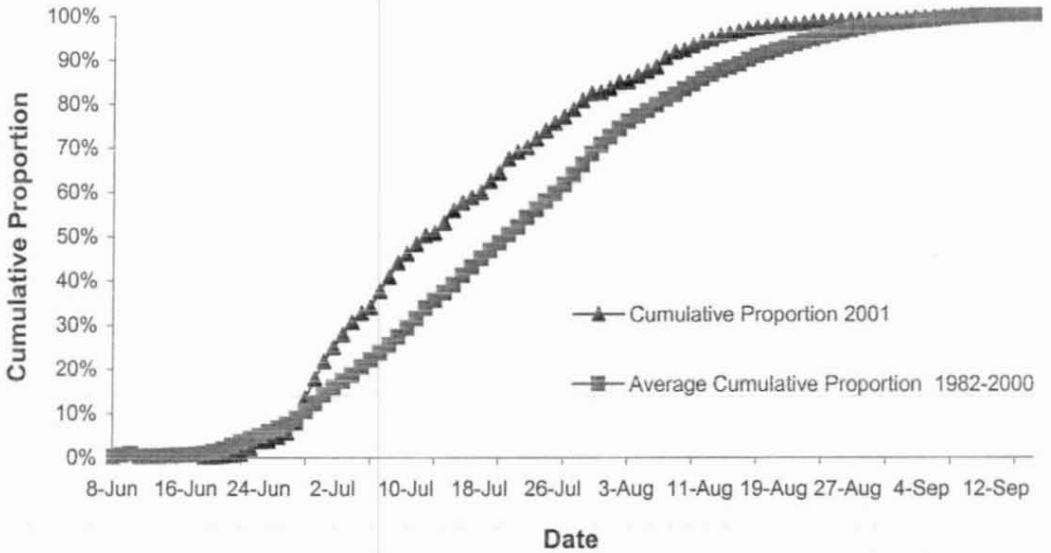

Figure 10. Chum salmon test fish cumulative proportion run-timing for 2001 compared the 19 year average cumulative proportion (1982-2000), Unalakleet River, Norton Sound.

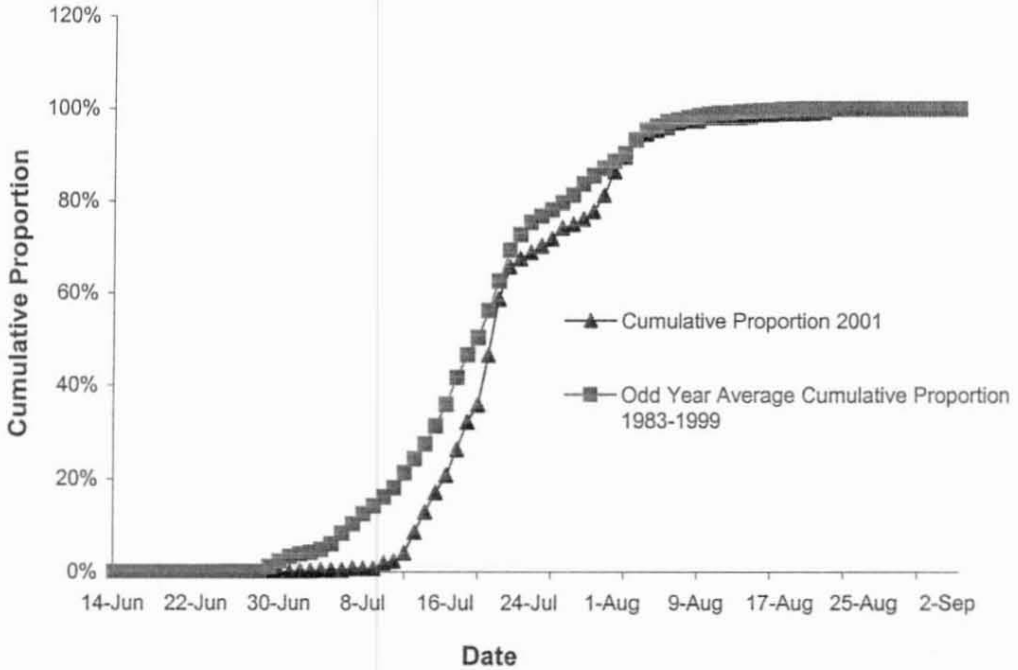

Figure 11. Pink salmon test fish cumulative proportion run-timing for 2001 compared w the odd year average cumulative proportion (1983-1997), Unalakleet River, Norton Soun

Appendix Table 1. Test fishing catches of chinook salmon in 5 7/8" mesh set gillnet,Unalakleet River, Norton Sound, 1982-2001.

1982 Chinook Salmon[a]

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion
5-Jun			0.00	0.00	0%
6-Jun			0.00	0.00	0%
7-Jun			0.00	0.00	0%
8-Jun			0.00	0.00	0%
9-Jun			0.00	0.00	0%
10-Jun			0.00	0.00	0%
11-Jun			0.00	0.00	0%
12-Jun			0.00	0.00	0%
13-Jun			0.00	0.00	0%
14-Jun			0.00	0.00	0%
15-Jun			0.00	0.00	0%
16-Jun	24.0	1	0.04	0.04	2%
17-Jun	No Fishing		0.13	0.17	6%
18-Jun	24.0	5	0.21	0.38	14%
19-Jun	No Fishing		0.27	0.65	24%
20-Jun	12.0	4	0.33	0.98	36%
21-Jun	No Fishing		0.25	1.23	45%
22-Jun	12.0	2	0.17	1.40	51%
23-Jun	12.0	2	0.17	1.56	57%
24-Jun	No Fishing		0.13	1.69	62%
25-Jun	11.9	1	0.08	1.77	65%
26-Jun	No Fishing		0.13	1.90	69%
27-Jun	12.0	2	0.17	2.06	75%
28-Jun	No Fishing		0.12	2.19	80%
29-Jun	12.2	1	0.08	2.27	83%
30-Jun	13.5	2	0.15	2.42	88%
1-Jul	No Fishing		0.16	2.58	94%
2-Jul	12.0	2	0.17	2.74	100%
3-Jul			0.00	2.74	100%
4-Jul			0.00	2.74	100%
5-Jul			0.00	2.74	100%
6-Jul			0.00	2.74	100%
7-Jul			0.00	2.74	100%
8-Jul			0.00	2.74	100%
9-Jul			0.00	2.74	100%
10-Jul			0.00	2.74	100%
11-Jul			0.00	2.74	100%
12-Jul			0.00	2.74	100%
13-Jul			0.00	2.74	100%
14-Jul			0.00	2.74	100%
15-Jul			0.00	2.74	100%
16-Jul			0.00	2.74	100%
17-Jul			0.00	2.74	100%
18-Jul			0.00	2.74	100%
19-Jul			0.00	2.74	100%
20-Jul			0.00	2.74	100%
21-Jul			0.00	2.74	100%
22-Jul			0.00	2.74	100%
23-Jul			0.00	2.74	100%
24-Jul			0.00	2.74	100%
25-Jul			0.00	2.74	100%
26-Jul			0.00	2.74	100%
Totals	145.6	22			

Mean cumulative proportion date 6/22/1982

1983 Chinook Salmon[a]

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion
		0.00	0.00	0%
		0.00	0.00	0%
12.6	1	0.08	0.08	3%
12.7	1	0.08	0.16	6%
No Fishing		0.04	0.20	8%
11.4	0	0.00	0.20	8%
No Fishing		0.09	0.29	11%
11.3	2	0.18	0.46	18%
No Fishing		0.17	0.64	25%
11.9	2	0.17	0.80	31%
11.6	1	0.09	0.89	35%
No Fishing		0.13	1.02	40%
11.6	2	0.17	1.19	47%
No Fishing		0.09	1.28	50%
11.8	0	0.00	1.28	50%
No Fishing		0.04	1.32	52%
11.8	1	0.08	1.40	55%
11.7	1	0.09	1.49	58%
No Fishing		0.04	1.53	60%
11.6	0	0.00	1.53	60%
No Fishing		0.08	1.62	63%
11.9	2	0.17	1.79	70%
No Fishing		0.13	1.91	75%
11.8	1	0.08	2.00	78%
11.5	2	0.17	2.17	85%
No Fishing		0.13	2.30	90%
11.9	1	0.08	2.38	93%
No Fishing		0.08	2.47	97%
11.9	1	0.08	2.55	100%
		0.00	2.55	100%
		0.00	2.55	100%
		0.00	2.55	100%
		0.00	2.55	100%
		0.00	2.55	100%
		0.00	2.55	100%
		0.00	2.55	100%
		0.00	2.55	100%
		0.00	2.55	100%
		0.00	2.55	100%
		0.00	2.55	100%
		0.00	2.55	100%
		0.00	2.55	100%
		0.00	2.55	100%
		0.00	2.55	100%
		0.00	2.55	100%
		0.00	2.55	100%
		0.00	2.55	100%
		0.00	2.55	100%
		0.00	2.55	100%
		0.00	2.55	100%
		0.00	2.55	100%
		0.00	2.55	100%
		0.00	2.55	100%
		0.00	2.55	100%
189.0	18			

Mean cumulative proportion date 6/18/1983

1984 Chinook Salmon[a]

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
24.2	1	0.04	0.04	1%
No Fishing		0.10	0.14	4%
24.5	4	0.16	0.31	8%
No Fishing		0.20	0.51	14%
24.4	6	0.25	0.76	21%
No Fishing		0.27	1.03	28%
No Fishing		0.27	1.30	36%
23.8	7	0.29	1.59	44%
No Fishing		0.33	1.93	53%
24.0	9	0.38	2.30	63%
No Fishing		0.46	2.76	76%
24.1	13	0.54	3.30	91%
No Fishing		0.29	3.59	99%
24.1	1	0.04	3.63	100%
		0.00	3.63	100%
		0.00	3.63	100%
		0.00	3.63	100%
		0.00	3.63	100%
		0.00	3.63	100%
		0.00	3.63	100%
		0.00	3.63	100%
		0.00	3.63	100%
		0.00	3.63	100%
		0.00	3.63	100%
		0.00	3.63	100%
		0.00	3.63	100%
		0.00	3.63	100%
		0.00	3.63	100%
		0.00	3.63	100%
		0.00	3.63	100%
		0.00	3.63	100%
		0.00	3.63	100%
		0.00	3.63	100%
		0.00	3.63	100%
		0.00	3.63	100%
		0.00	3.63	100%
		0.00	3.63	100%
169.1	41			

Mean cumulative proportion date 7/4/1984

[a]counts begin the day the first chinook salmon was caught

- continued -

Appendix Table 1. (page 2 of 7)

1985 Chinook Salmon[a]

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion
5-Jun			0.00	0.00	0%
6-Jun			0.00	0.00	0%
7-Jun			0.00	0.00	0%
8-Jun			0.00	0.00	0%
9-Jun			0.00	0.00	0%
10-Jun			0.00	0.00	0%
11-Jun			0.00	0.00	0%
12-Jun			0.00	0.00	0%
13-Jun			0.00	0.00	0%
14-Jun			0.00	0.00	0%
15-Jun			0.00	0.00	0%
16-Jun			0.00	0.00	0%
17-Jun			0.00	0.00	0%
18-Jun			0.00	0.00	0%
19-Jun			0.00	0.00	0%
20-Jun			0.00	0.00	0%
21-Jun			0.00	0.00	0%
22-Jun			0.00	0.00	0%
23-Jun			0.00	0.00	0%
24-Jun			0.00	0.00	0%
25-Jun			0.00	0.00	0%
26-Jun	23.0	1	0.04	0.04	0%
27-Jun	24.5	0	0.00	0.04	0%
28-Jun	23.7	0	0.00	0.04	0%
29-Jun	24.1	2	0.08	0.13	1%
30-Jun	23.7	18	0.76	0.89	9%
1-Jul	9.8	8	0.82	1.70	17%
2-Jul	7.0	10	1.43	3.13	32%
3-Jul	24.0	13	0.54	3.67	37%
4-Jul	23.0	14	0.61	4.28	43%
5-Jul	23.9	9	0.38	4.66	47%
6-Jul	9.2	2	0.22	4.88	49%
7-Jul	No Fishing		0.58	5.46	55%
8-Jul	23.2	22	0.95	6.41	65%
9-Jul	24.1	14	0.58	6.99	70%
10-Jul	23.9	13	0.54	7.53	76%
11-Jul	24.1	5	0.21	7.74	78%
12-Jul	24.4	5	0.20	7.94	80%
13-Jul	8.6	1	0.12	8.06	81%
14-Jul	No Fishing		0.20	8.26	83%
15-Jul	24.3	7	0.29	8.55	86%
16-Jul	23.9	8	0.33	8.88	90%
17-Jul	24.3	5	0.21	9.09	92%
18-Jul	33.8	3	0.09	9.18	92%
19-Jul	24.1	4	0.17	9.35	94%
20-Jul	No Fishing		0.14	9.49	96%
21-Jul	No Fishing		0.14	9.64	97%
22-Jul	24.2	3	0.12	9.76	98%
23-Jul	24.9	1	0.04	9.80	99%
24-Jul	23.1	2	0.09	9.89	100%
25-Jul	23.7	0	0.00	9.89	100%
26-Jul	24.6	1	0.04	9.93	100%
Totals	595.1	171			

Mean cumulative proportion date 7/7/1985

[a]counts begin the day the first chinook salmon was caught

1986 Chinook Salmon[a]

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
23.9	1	0.04	0.04	2%
24.2	2	0.08	0.12	6%
24.1	3	0.12	0.25	11%
24.0	2	0.08	0.33	15%
23.9	2	0.08	0.42	19%
24.3	2	0.08	0.50	23%
23.9	2	0.08	0.58	27%
23.7	2	0.08	0.67	30%
24.0	4	0.17	0.83	38%
25.0	6	0.24	1.07	49%
24.0	1	0.04	1.11	51%
12.1	0	0.00	1.11	51%
No Fishing		0.00	1.11	51%
24.0	0	0.00	1.11	51%
24.1	0	0.00	1.11	51%
23.9	0	0.00	1.11	51%
24.1	0	0.00	1.11	51%
23.9	0	0.00	1.11	51%
12.2	1	0.08	1.20	55%
No Fishing		0.12	1.32	60%
24.4	4	0.16	1.48	68%
24.5	2	0.08	1.57	71%
23.8	2	0.08	1.65	75%
23.9	9	0.38	2.03	92%
24.2	3	0.12	2.15	98%
12.4	0	0.00	2.15	98%
No Fishing		0.00	2.15	98%
24.6	0	0.00	2.15	98%
23.0	1	0.04	2.19	100%
		0.00	2.19	100%
		0.00	2.19	100%
		0.00	2.19	100%
		0.00	2.19	100%
		0.00	2.19	100%
		0.00	2.19	100%
		0.00	2.19	100%
		0.00	2.19	100%
		0.00	2.19	100%
		0.00	2.19	100%
		0.00	2.19	100%
		0.00	2.19	100%
590.1	49			

Mean cumulative proportion date 6/27/1986

1987 Chinook Salmon[a]

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
11.8	1	0.08	0.08	4%
No Fishing		0.04	0.13	6%
23.6	0	0.00	0.13	6%
23.9	0	0.00	0.13	6%
24.0	0	0.00	0.13	6%
24.1	2	0.08	0.21	9%
24.2	0	0.00	0.21	9%
No Fishing		0.06	0.27	12%
48.0	6	0.13	0.40	18%
23.9	0	0.00	0.40	18%
24.1	0	0.00	0.40	18%
23.7	0	0.00	0.40	18%
24.0	4	0.17	0.56	25%
24.0	2	0.08	0.65	29%
No Fishing		0.07	0.72	32%
47.6	3	0.06	0.78	35%
24.5	0	0.00	0.78	35%
24.0	4	0.17	0.95	43%
24.1	2	0.08	1.03	46%
24.0	1	0.04	1.08	48%
24.3	6	0.25	1.32	59%
11.2	4	0.36	1.68	75%
No Fishing		0.20	1.88	84%
23.3	1	0.04	1.92	86%
23.9	3	0.13	2.05	92%
No Fishing		0.07	2.12	95%
48.4	1	0.02	2.14	96%
23.8	1	0.04	2.18	98%
10.9	0	0.00	2.18	98%
No Fishing		0.00	2.18	98%
24.2	0	0.00	2.18	98%
23.8	0	0.00	2.18	98%
24.0	1	0.04	2.23	100%
		0.00	2.23	100%
		0.00	2.23	100%
		0.00	2.23	100%
		0.00	2.23	100%
681.3	42			

Mean cumulative proportion date 7/10/1987

- continued -

Appendix Table 1. (Page 3 of 7)

	1988 Chinook Salmon[a]					1989 Chinook Salmon[a]					1990 Chinook Salmon[a]				
Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion
5-Jun			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
6-Jun			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
7-Jun			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
8-Jun			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
9-Jun			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
10-Jun			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
11-Jun			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
12-Jun			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
13-Jun			0.00	0.00	0%	23.5	3	0.13	0.13	6%			0.00	0.00	0%
14-Jun			0.00	0.00	0%	24.0	5	0.21	0.34	17%			0.00	0.00	0%
15-Jun			0.00	0.00	0%	24.0	4	0.17	0.50	25%	24.1	2	0.08	0.08	5%
16-Jun			0.00	0.00	0%	23.9	0	0.00	0.50	25%	10.1	0	0.00	0.08	5%
17-Jun			0.00	0.00	0%	24.0	4	0.17	0.67	33%	No Fishing		0.04	0.13	7%
18-Jun			0.00	0.00	0%	24.0	7	0.29	0.96	47%	23.7	2	0.08	0.21	12%
19-Jun			0.00	0.00	0%	24.8	3	0.12	1.08	53%	23.8	6	0.25	0.46	25%
20-Jun	24.3	1	0.04	0.04	6%	22.3	1	0.04	1.13	55%	24.2	26	1.07	1.54	85%
21-Jun	23.9	2	0.08	0.12	19%	23.8	1	0.04	1.17	57%	23.8	1	0.04	1.58	87%
22-Jun	24.0	3	0.13	0.25	37%	24.0	1	0.04	1.21	60%	24.2	1	0.04	1.62	89%
23-Jun	24.2	0	0.00	0.25	37%	24.0	2	0.08	1.29	64%	10.0	0	0.00	1.62	89%
24-Jun	23.7	1	0.04	0.29	43%	11.0	0	0.00	1.29	64%	No Fishing		0.02	1.64	90%
25-Jun	9.0	0	0.00	0.29	43%	No Fishing		0.06	1.36	67%	30.0	1	0.03	1.67	92%
26-Jun	No Fishing		0.02	0.31	46%	23.8	3	0.13	1.48	73%	21.8	1	0.05	1.72	94%
27-Jun	24.1	1	0.04	0.35	53%	24.0	0	0.00	1.48	73%	23.8	0	0.00	1.72	94%
28-Jun	No Fishing		0.03	0.38	57%	24.0	0	0.00	1.48	73%	23.5	0	0.00	1.72	94%
29-Jun	53.0	1	0.02	0.40	60%	24.0	0	0.00	1.48	73%	24.2	0	0.00	1.72	94%
30-Jun	19.1	0	0.00	0.40	60%	No Fishing		0.03	1.51	74%	9.3	0	0.00	1.72	94%
1-Jul	24.2	0	0.00	0.40	60%	34.8	2	0.06	1.57	77%	No Fishing		0.00	1.72	94%
2-Jul	10.3	1	0.10	0.50	74%	No Fishing		0.07	1.64	81%	22.9	0	0.00	1.72	94%
3-Jul	No Fishing		0.05	0.55	81%	24.1	2	0.08	1.72	85%	24.3	0	0.00	1.72	94%
4-Jul	24.2	0	0.00	0.55	81%	24.0	2	0.08	1.81	89%	24.0	0	0.00	1.72	94%
5-Jul	24.0	2	0.08	0.63	94%	23.9	1	0.04	1.85	91%	23.8	0	0.00	1.72	94%
6-Jul	24.0	0	0.00	0.63	94%	24.1	3	0.12	1.97	97%	23.8	0	0.00	1.72	94%
7-Jul	24.1	0	0.00	0.63	94%	24.0	0	0.00	1.97	97%	9.9	1	0.10	1.82	100%
8-Jul	23.9	1	0.04	0.67	100%	10.0	0	0.00	1.97	97%			0.00	1.82	100%
9-Jul	11.6	0	0.00	0.67	100%	No Fishing		0.02	1.99	98%			0.00	1.82	100%
10-Jul	No Fishing		0.00	0.67	100%	24.1	1	0.04	2.03	100%			0.00	1.82	100%
11-Jul	24.4	0	0.00	0.67	100%			0.00	2.03	100%			0.00	1.82	100%
12-Jul	23.9	0	0.00	0.67	100%			0.00	2.03	100%			0.00	1.82	100%
13-Jul	23.9	0	0.00	0.67	100%			0.00	2.03	100%			0.00	1.82	100%
14-Jul	23.9	0	0.00	0.67	100%			0.00	2.03	100%			0.00	1.82	100%
15-Jul	24.1	0	0.00	0.67	100%			0.00	2.03	100%			0.00	1.82	100%
16-Jul	10.8	0	0.00	0.67	100%			0.00	2.03	100%			0.00	1.82	100%
17-Jul	No Fishing		0.00	0.67	100%			0.00	2.03	100%			0.00	1.82	100%
18-Jul	24.1	0	0.00	0.67	100%			0.00	2.03	100%			0.00	1.82	100%
19-Jul	24.0	0	0.00	0.67	100%			0.00	2.03	100%			0.00	1.82	100%
20-Jul	24.0	0	0.00	0.67	100%			0.00	2.03	100%			0.00	1.82	100%
21-Jul	24.2	0	0.00	0.67	100%			0.00	2.03	100%			0.00	1.82	100%
22-Jul	24.0	0	0.00	0.67	100%			0.00	2.03	100%			0.00	1.82	100%
23-Jul	25.4	0	0.00	0.67	100%			0.00	2.03	100%			0.00	1.82	100%
24-Jul			0.00	0.67	100%			0.00	2.03	100%			0.00	1.82	100%
25-Jul			0.00	0.67	100%			0.00	2.03	100%			0.00	1.82	100%
26-Jul			0.00	0.67	100%			0.00	2.03	100%			0.00	1.82	100%
Totals	668.3	13				558.1	45				425.2	41			
	Mean cumulative proportion date				6/27/1988	Mean cumulative proportion date				6/19/1989	Mean cumulative proportion date				6/20/1990

[a]counts begin the day the first chinook salmon was caught

- continued -

Appendix Table 1. (Page 4 of 7)

1991 Chinook Salmon[a]

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion
5-Jun			0.00	0.00	0%
6-Jun			0.00	0.00	0%
7-Jun			0.00	0.00	0%
8-Jun			0.00	0.00	0%
9-Jun			0.00	0.00	0%
10-Jun	22.0	4	0.18	0.18	11%
11-Jun	23.6	2	0.08	0.27	16%
12-Jun	24.0	1	0.04	0.31	18%
13-Jun	24.0	0	0.00	0.31	18%
14-Jun	24.0	1	0.04	0.35	21%
15-Jun	23.9	3	0.13	0.48	28%
16-Jun	24.0	0	0.00	0.48	28%
17-Jun	24.2	2	0.08	0.56	33%
18-Jun	23.5	2	0.09	0.64	38%
19-Jun	23.8	0	0.00	0.64	38%
20-Jun	24.0	0	0.00	0.64	38%
21-Jun	24.1	1	0.04	0.68	40%
22-Jun	24.1	0	0.00	0.68	40%
23-Jun	24.0	1	0.04	0.73	43%
24-Jun	23.9	4	0.17	0.89	52%
25-Jun	24.0	3	0.13	1.02	60%
26-Jun	24.0	1	0.04	1.06	62%
27-Jun	24.1	0	0.00	1.06	62%
28-Jun	24.0	1	0.04	1.10	65%
29-Jun	9.1	2	0.22	1.32	77%
30-Jun	No Fishing		0.17	1.50	88%
1-Jul	23.6	3	0.13	1.62	95%
2-Jul	24.0	1	0.04	1.66	98%
3-Jul	24.0	0	0.00	1.66	98%
4-Jul	24.0	0	0.00	1.66	98%
5-Jul	24.0	0	0.00	1.66	98%
6-Jul	8.7	0	0.00	1.66	98%
7-Jul	No Fishing		0.00	1.66	98%
8-Jul	24.0	0	0.00	1.66	98%
9-Jul	24.0	0	0.00	1.66	98%
10-Jul	24.0	1	0.04	1.71	100%
11-Jul			0.00	1.71	100%
12-Jul			0.00	1.71	100%
13-Jul			0.00	1.71	100%
14-Jul			0.00	1.71	100%
15-Jul			0.00	1.71	100%
16-Jul			0.00	1.71	100%
17-Jul			0.00	1.71	100%
18-Jul			0.00	1.71	100%
19-Jul			0.00	1.71	100%
20-Jul			0.00	1.71	100%
21-Jul			0.00	1.71	100%
22-Jul			0.00	1.71	100%
23-Jul			0.00	1.71	100%
24-Jul			0.00	1.71	100%
25-Jul			0.00	1.71	100%
26-Jul			0.00	1.71	100%
Totals	662.6	33			

Mean cumulative proportion date 6/24/1991

1992 Chinook Salmon[a]

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
24.0	2	0.08	0.08	7%
24.2	1	0.04	0.12	11%
23.8	0	0.00	0.12	11%
24.0	0	0.00	0.12	11%
24.0	1	0.04	0.17	14%
24.0	0	0.00	0.17	14%
24.7	1	0.04	0.21	18%
23.3	0	0.00	0.21	18%
24.2	0	0.00	0.21	18%
24.1	0	0.00	0.21	18%
23.8	2	0.08	0.29	25%
24.0	1	0.04	0.33	28%
24.0	0	0.00	0.33	28%
25.0	1	0.04	0.37	32%
24.0	2	0.08	0.46	39%
23.0	1	0.04	0.50	42%
24.0	1	0.04	0.54	46%
24.0	0	0.00	0.54	46%
24.0	2	0.08	0.62	53%
24.0	4	0.17	0.79	67%
24.0	0	0.00	0.79	67%
6.8	1	0.15	0.94	80%
No Fishing		0.11	1.05	89%
24.3	2	0.08	1.14	96%
22.7	0	0.00	1.14	96%
24.0	1	0.04	1.18	100%
24.0	0	0.00	1.18	100%
24.0	0	0.00	1.18	100%
6.0	0	0.00	1.18	100%
		0.00	1.18	100%
635.9	23			

Mean cumulative proportion date 7/15/1992

1993 Chinook Salmon[a]

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
23.7	1	0.04	0.04	1%
24.0	1	0.04	0.08	2%
24.0	4	0.17	0.25	5%
24.0	3	0.13	0.38	8%
24.0	4	0.17	0.54	12%
24.0	3	0.13	0.67	14%
24.0	2	0.08	0.75	16%
24.0	1	0.04	0.79	17%
24.0	6	0.25	1.04	23%
24.3	3	0.12	1.17	25%
24.0	1	0.04	1.21	26%
24.0	1	0.04	1.25	27%
23.7	1	0.04	1.29	28%
24.0	3	0.13	1.42	31%
24.0	1	0.04	1.46	32%
24.0	3	0.13	1.58	34%
24.0	7	0.29	1.87	41%
24.0	1	0.04	1.92	42%
25.7	2	0.08	1.99	43%
22.6	6	0.27	2.26	49%
23.8	4	0.17	2.43	53%
24.0	4	0.17	2.59	56%
24.0	4	0.17	2.76	60%
24.0	4	0.17	2.93	63%
24.0	2	0.08	3.01	65%
8.5	6	0.71	3.72	81%
No Fishing		0.35	4.07	88%
23.7	0	0.00	4.07	88%
24.0	3	0.13	4.19	91%
24.0	7	0.29	4.49	97%
24.0	1	0.04	4.53	98%
24.0	1	0.04	4.57	99%
9.0	0	0.00	4.57	99%
No Fishing		0.00	4.57	99%
24.0	0	0.00	4.57	99%
24.0	1	0.04	4.61	100%
24.0	0	0.00	4.61	100%
24.0	0	0.00	4.61	100%
24.0	0	0.00	4.61	100%
		0.00	4.61	100%
		0.00	4.61	100%
		0.00	4.61	100%
		0.00	4.61	100%
		0.00	4.61	100%
		0.00	4.61	100%
		0.00	4.61	100%
		0.00	4.61	100%
		0.00	4.61	100%
857.0	91			

Mean cumulative proportion date 6/28/1993

[a]counts begin the day the first chinook salmon was caught

- continued -

Appendix Table 1. (Page 5 of 7)

1994 Chinook Salmon[a]

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion
5-Jun			0.00	0.00	0%
6-Jun			0.00	0.00	0%
7-Jun			0.00	0.00	0%
8-Jun			0.00	0.00	0%
9-Jun			0.00	0.00	0%
10-Jun			0.00	0.00	0%
11-Jun			0.00	0.00	0%
12-Jun			0.00	0.00	0%
13-Jun			0.00	0.00	0%
14-Jun			0.00	0.00	0%
15-Jun			0.00	0.00	0%
16-Jun	18.5	4	0.22	0.22	14%
17-Jun	24.0	2	0.08	0.30	20%
18-Jun	24.0	2	0.08	0.38	25%
19-Jun	24.0	2	0.08	0.47	30%
20-Jun	24.0	1	0.04	0.51	33%
21-Jun	24.0	3	0.13	0.63	41%
22-Jun	24.0	7	0.29	0.92	60%
23-Jun	24.0	3	0.13	1.05	68%
24-Jun	24.0	0	0.00	1.05	68%
25-Jun	24.0	2	0.08	1.13	74%
26-Jun	24.0	2	0.08	1.22	79%
27-Jun	24.0	0	0.00	1.22	79%
28-Jun	24.0	0	0.00	1.22	79%
29-Jun	24.0	0	0.00	1.22	79%
30-Jun	24.0	0	0.00	1.22	79%
1-Jul	24.0	0	0.00	1.22	79%
2-Jul	24.0	2	0.08	1.30	85%
3-Jul	24.0	0	0.00	1.30	85%
4-Jul	24.0	2	0.08	1.38	90%
5-Jul	24.0	1	0.04	1.42	93%
6-Jul	24.0	1	0.04	1.47	96%
7-Jul	15.0	0	0.00	1.47	96%
8-Jul	15.0	0	0.00	1.47	96%
9-Jul	9.0	0	0.00	1.47	96%
10-Jul	No Fishing		0.00	1.47	96%
11-Jul	23.5	0	0.00	1.47	96%
12-Jul	15.0	0	0.00	1.47	96%
13-Jul	15.0	1	0.07	1.53	100%
14-Jul	15.0	0	0.00	1.53	100%
15-Jul	15.0	0	0.00	1.53	100%
16-Jul	8.0	0	0.00	1.53	100%
17-Jul	No Fishing		0.00	1.53	100%
18-Jul	15.0	0	0.00	1.53	100%
19-Jul	15.0	0	0.00	1.53	100%
20-Jul	15.0	0	0.00	1.53	100%
21-Jul	15.0	0	0.00	1.53	100%
22-Jul	15.0	0	0.00	1.53	100%
23-Jul	8.0	0	0.00	1.53	100%
24-Jul	No Fishing		0.00	1.53	100%
25-Jul	15.0	0	0.00	1.53	100%
26-Jul	15.0	0	0.00	1.53	100%
Totals	742.0	35			

Mean cumulative proportion date 6/22/1994

1995 Chinook Salmon[a]

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion
17.0	3	0.18	0.18	4%
24.0	0	0.00	0.18	4%
23.0	0	0.00	0.18	4%
25.0	3	0.12	0.30	6%
24.0	1	0.04	0.34	7%
9.0	4	0.44	0.78	16%
No Fishing		0.35	1.13	24%
24.0	6	0.25	1.38	29%
24.0	0	0.00	1.38	29%
24.0	4	0.17	1.55	32%
24.0	6	0.25	1.80	38%
24.0	4	0.17	1.96	41%
24.0	7	0.29	2.25	47%
25.0	3	0.12	2.37	50%
23.0	1	0.04	2.42	50%
24.0	5	0.21	2.63	55%
24.0	1	0.04	2.67	56%
24.0	1	0.04	2.71	57%
24.0	3	0.13	2.83	59%
25.0	3	0.12	2.95	62%
23.0	1	0.04	3.00	63%
24.0	2	0.08	3.08	64%
24.0	1	0.04	3.12	65%
24.0	0	0.00	3.12	65%
24.0	5	0.21	3.33	70%
24.0	3	0.13	3.46	72%
9.0	1	0.11	3.57	74%
No Fishing		0.20	3.77	79%
24.0	7	0.29	4.06	85%
24.0	2	0.08	4.14	87%
24.0	3	0.13	4.27	89%
24.0	0	0.00	4.27	89%
24.0	4	0.17	4.44	93%
8.0	1	0.13	4.56	95%
No Fishing		0.10	4.67	97%
24.0	2	0.08	4.75	99%
24.0	1	0.04	4.79	100%
24.0	0	0.00	4.79	100%
24.0	0	0.00	4.79	100%
24.0	0	0.00	4.79	100%
8.5	0	0.00	4.79	100%
		0.00	4.79	100%
		0.00	4.79	100%
		0.00	4.79	100%
		0.00	4.79	100%
		0.00	4.79	100%
		0.00	4.79	100%
		0.00	4.79	100%
		0.00	4.79	100%
		0.00	4.79	100%
		0.00	4.79	100%
		0.00	4.79	100%
		0.00	4.79	100%
		0.00	4.79	100%
802.5	85			

Mean cumulative proportion date 6/18/1995

1996 Chinook Salmon[a]

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion
20.0	1	0.05	0.05	1%
24.0	5	0.21	0.26	4%
24.0	6	0.25	0.51	8%
24.0	4	0.17	0.68	10%
24.0	10	0.42	1.09	17%
24.0	18	0.75	1.84	28%
24.0	17	0.71	2.55	39%
24.0	7	0.29	2.84	44%
24.0	7	0.29	3.13	48%
24.0	2	0.08	3.22	49%
24.0	2	0.08	3.30	51%
24.0	2	0.08	3.38	52%
24.0	0	0.00	3.38	52%
24.0	6	0.25	3.63	56%
24.0	4	0.17	3.80	58%
24.0	3	0.13	3.93	60%
24.0	5	0.21	4.13	63%
24.0	1	0.04	4.18	64%
24.0	3	0.13	4.30	66%
24.0	4	0.17	4.47	68%
24.0	5	0.21	4.68	72%
24.0	5	0.21	4.88	75%
24.0	2	0.08	4.97	76%
24.0	4	0.17	5.13	79%
8.0	2	0.25	5.38	82%
No Fishing		0.27	5.65	87%
24.0	7	0.29	5.95	91%
24.0	0	0.00	5.95	91%
24.0	2	0.08	6.03	92%
24.0	2	0.08	6.11	94%
24.0	1	0.04	6.15	94%
8.0	2	0.25	6.40	98%
No Fishing		0.13	6.53	100%
24.0	0	0.00	6.53	100%
24.0	0	0.00	6.53	100%
24.0	0	0.00	6.53	100%
24.0	0	0.00	6.53	100%
24.0	0	0.00	6.53	100%
8.0	0	0.00	6.53	100%
No Fishing		0.00	6.53	100%
24.0	0	0.00	6.53	100%
24.0	0	0.00	6.53	100%
24.0	0	0.00	6.53	100%
24.0	0	0.00	6.53	100%
24.0	0	0.00	6.53	100%
8.0	0	0.00	6.53	100%
No Fishing		0.00	6.53	100%
24.0	0	0.00	6.53	100%
24.0	0	0.00	6.53	100%
24.0	0	0.00	6.53	100%
24.0	0	0.00	6.53	100%
24.0	0	0.00	6.53	100%
1,084.0	139			

Mean cumulative proportion date 6/15/1996

[a]counts begin the day the first chinook salmon was caught

- continued -

Appendix Table 1. (Page 6 of 7)

1997 Chinook Salmon[ab]

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE	Cumulative CPUE	Cumulative Proportion
5-Jun			0.00	0.00	0%
6-Jun			0.00	0.00	0%
7-Jun			0.00	0.00	0%
8-Jun			0.00	0.00	0%
9-Jun			0.00	0.00	0%
10-Jun			0.00	0.00	0%
11-Jun	24.0	4	0.17	0.17	2%
12-Jun	24.0	7	0.29	0.46	5%
13-Jun	24.0	3	0.13	0.58	7%
14-Jun	24.0	4	0.17	0.75	9%
15-Jun	24.0	5	0.21	0.96	11%
16-Jun	24.0	6	0.25	1.21	14%
17-Jun	24.0	7	0.29	1.50	18%
18-Jun	24.0	3	0.13	1.63	19%
19-Jun	24.0	3	0.13	1.75	21%
20-Jun	24.0	5	0.21	1.96	23%
21-Jun	24.0	2	0.08	2.04	24%
22-Jun	24.0	5	0.21	2.25	26%
23-Jun	24.0	3	0.13	2.38	28%
24-Jun	24.0	11	0.46	2.83	33%
25-Jun	24.0	11	0.46	3.29	39%
26-Jun	24.0	12	0.50	3.79	44%
27-Jun	24.0	11	0.46	4.25	50%
28-Jun	24.0	8	0.33	4.58	54%
29-Jun	24.0	8	0.33	4.92	58%
30-Jun	24.0	7	0.29	5.21	61%
1-Jul	24.0	13	0.54	5.75	67%
2-Jul	24.0	4	0.17	5.92	69%
3-Jul	24.0	5	0.21	6.13	72%
4-Jul	24.0	1	0.04	6.17	72%
5-Jul	8.0	1	0.13	6.29	74%
6-Jul	No Fishing		0.33	6.63	78%
7-Jul	24.0	13	0.54	7.17	84%
8-Jul	24.0	5	0.21	7.38	87%
9-Jul	24.0	7	0.29	7.67	90%
10-Jul	24.0	5	0.21	7.88	92%
11-Jul	24.0	3	0.13	8.00	94%
12-Jul	8.0	0	0.00	8.00	94%
13-Jul	No Fishing		0.04	8.04	94%
14-Jul	24.0	2	0.08	8.13	95%
15-Jul	24.0	3	0.13	8.25	97%
16-Jul	24.0	2	0.08	8.33	98%
17-Jul	24.0	1	0.04	8.38	98%
18-Jul	24.0	1	0.04	8.42	99%
19-Jul	8.0	0	0.00	8.42	99%
20-Jul	No Fishing		0.02	8.44	99%
21-Jul	24.0	1	0.04	8.48	100%
22-Jul	24.0	1	0.04	8.52	100%
23-Jul	24.0	0	0.00	8.52	100%
24-Jul	24.0	0	0.00	8.52	100%
25-Jul	24.0	0	0.00	8.52	100%
26-Jul	8.0	0	0.00	8.52	100%
Totals	968.0	193			

Mean cumulative proportion da 6/27/1997

[a]counts begin the day the first chinook salmon was caught

[b]fishing began on 6/2/97

1998 Chinook Salmon[a]

Hours Fished	Catch	Catch per Unit Effort (CPUE	Cumulative CPUE	Cumulative Proportion
		0.00	0.00	0%
24.0		0.00	0.00	0%
24.0		0.00	0.00	0%
24.0		0.00	0.00	0%
24.0		0.00	0.00	0%
24.0	1	0.04	0.04	1%
24.0	1	0.04	0.08	2%
24.0	0	0.00	0.08	2%
24.0	0	0.00	0.08	2%
24.0	1	0.04	0.13	3%
24.0	2	0.08	0.21	4%
24.0	0	0.00	0.21	4%
24.0	0	0.00	0.21	4%
24.0	0	0.00	0.21	4%
24.0	1	0.04	0.25	5%
24.0	0	0.00	0.25	5%
24.0	5	0.21	0.46	9%
24.0	6	0.25	0.71	14%
24.0	9	0.38	1.08	22%
24.0	6	0.25	1.33	27%
24.0	2	0.08	1.42	29%
24.0	3	0.13	1.54	31%
24.0	4	0.17	1.71	35%
24.0	3	0.13	1.83	37%
24.0	2	0.08	1.92	39%
24.0	1	0.04	1.96	40%
24.0	1	0.04	2.00	41%
24.0	3	0.13	2.13	43%
24.0	0	0.00	2.13	43%
24.0	2	0.08	2.21	45%
24.0	0	0.00	2.21	45%
24.0	1	0.04	2.25	46%
24.0	1	0.04	2.29	46%
24.0	1	0.04	2.33	47%
24.0	1	0.04	2.38	48%
24.0	2	0.08	2.46	50%
8.0	0	0.00	2.46	50%
No Fishing		0.17	2.63	53%
24.0	8	0.33	2.96	60%
24.0	10	0.42	3.38	68%
24.0	6	0.25	3.63	73%
24.0	2	0.08	3.71	75%
24.0	7	0.29	4.00	81%
8.0	3	0.38	4.38	89%
No Fishing		0.23	4.60	93%
24.0	2	0.08	4.69	95%
24.0	2	0.08	4.77	97%
24.0	1	0.04	4.81	97%
24.0	2	0.08	4.90	99%
24.0	1	0.04	4.94	100%
8.0	0	0.00	4.94	100%
No Fishing		0.00	4.94	100%
1,104.0	103			

Mean cumulative proportion da 7/10/1998

1999 Chinook Salmon[a]

Hours Fished	Catch	Catch per Unit Effort (CPUE	Cumulative CPUE	Cumulative Proportion
19	0	0.00	0.00	0%
24	0	0.00	0.00	0%
24	0	0.00	0.00	0%
24	0	0.00	0.00	0%
24	0	0.00	0.00	0%
24	0	0.00	0.00	0%
24	0	0.00	0.00	0%
24	0	0.00	0.00	0%
24	1	0.04	0.04	1%
24	0	0.00	0.04	1%
24	3	0.13	0.17	6%
24	4	0.17	0.33	12%
24	4	0.17	0.50	18%
24	0	0.00	0.50	18%
24	2	0.08	0.58	20%
24	4	0.17	0.75	26%
24	7	0.29	1.04	36%
24	6	0.25	1.29	45%
24	3	0.13	1.42	50%
24	1	0.04	1.46	51%
24	3	0.13	1.58	55%
24	0	0.00	1.58	55%
24	1	0.04	1.63	57%
24	0	0.00	1.63	57%
24	2	0.08	1.71	60%
24	1	0.04	1.75	61%
8	2	0.25	2.00	70%
No Fishing		0.13	2.13	74%
24	0	0.00	2.13	74%
24	15	0.63	2.75	96%
24	1	0.04	2.79	98%
24	0	0.00	2.79	98%
24	0	0.00	2.79	98%
8	0	0.00	2.79	98%
No Fishing		0.02	2.81	99%
24	1	0.04	2.85	100%
779.0	61			

Mean cumulative proportion date 7/9/1999

- continued -

Appendix Table 1. (Page 7 of 7)

	2000 Chinook Salmon[a]					2001 Chinook Salmon[a]					
Date	Hours Fished	Catch	Catch per Unit Effort (CPUE	Cumul-ative CPUE	Cumulative Proportion	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion	Average Cumulative Proportion 1982-2000
5-Jun											0%
6-Jun											0%
7-Jun											1%
8-Jun											1%
9-Jun											2%
10-Jun											4%
11-Jun											6%
12-Jun											8%
13-Jun											9%
14-Jun	18	2	0.11	0.11	6%						11%
15-Jun	24	0	0.00	0.11	6%	16.5	0	0.00	0.00	0%	13%
16-Jun	24	1	0.04	0.15	8%	24	0	0.00	0.00	0%	15%
17-Jun	24	4	0.17	0.32	16%	24	2	0.08	0.08	3%	18%
18-Jun	24	8	0.33	0.65	33%	24	0	0.00	0.08	3%	21%
19-Jun	24	0	0.00	0.65	33%	24	2	0.08	0.17	5%	24%
20-Jun	24	3	0.13	0.78	40%	24	1	0.04	0.21	6%	29%
21-Jun	24	1	0.04	0.82	42%	24	3	0.13	0.33	10%	30%
22-Jun	24	3	0.13	0.94	48%	24	0	0.00	0.33	10%	34%
23-Jun	24	0	0.00	0.94	48%	24	1	0.04	0.38	11%	36%
24-Jun	24	1	0.04	0.99	50%	24	0	0.00	0.38	11%	39%
25-Jun	24	5	0.21	1.19	61%	24	1	0.04	0.42	13%	42%
26-Jun	24	1	0.04	1.24	63%	24	0	0.00	0.42	13%	45%
27-Jun	24	0	0.00	1.24	63%	24	8	0.33	0.75	23%	47%
28-Jun	24	2	0.08	1.32	67%	24	7	0.29	1.04	32%	49%
29-Jun	24	2	0.08	1.40	71%	24	0	0.00	1.04	32%	52%
30-Jun	24	0	0.00	1.40	71%	24	2	0.08	1.13	34%	55%
1-Jul	24	0	0.00	1.40	71%	24	5	0.21	1.33	41%	58%
2-Jul	24	1	0.04	1.44	73%	24	4	0.17	1.50	46%	62%
3-Jul	24	1	0.04	1.49	76%	24	3	0.13	1.63	49%	66%
4-Jul	24	2	0.08	1.57	80%	24	7	0.29	1.92	58%	68%
5-Jul	24	1	0.04	1.61	82%	24	4	0.17	2.08	63%	71%
6-Jul	24	2	0.08	1.69	86%	24	6	0.25	2.33	71%	74%
7-Jul	24	2	0.08	1.78	90%	24	1	0.04	2.38	72%	78%
8-Jul	24	0	0.00	1.78	90%	24	1	0.04	2.42	73%	81%
9-Jul	No Fishing		0.02	1.80	92%	24	2	0.08	2.50	76%	83%
10-Jul	24	1	0.04	1.84	94%	24	7	0.29	2.79	85%	86%
11-Jul	24	0	0.00	1.84	94%	24	3	0.13	2.92	89%	88%
12-Jul	24	0	0.00	1.84	94%	24	0	0.00	2.92	89%	89%
13-Jul	24	1	0.04	1.88	96%	24	4	0.17	3.08	94%	90%
14-Jul	24	2	0.08	1.97	100%	24	1	0.04	3.13	95%	91%
15-Jul	24	0	0.00	1.97	100%	24	0	0.00	3.13	95%	92%
16-Jul	No Fishing		0.00	1.97	100%	24	1	0.04	3.17	96%	94%
17-Jul	24	0	0.00	1.97	100%	24	3	0.13	3.29	100%	95%
18-Jul	24	0	0.00	1.97	100%	24	0	0.00	3.29	100%	96%
19-Jul	24	0	0.00	1.97	100%	24	0	0.00	3.29	100%	97%
20-Jul	24	0	0.00	1.97	100%	24	0	0.00	3.29	100%	99%
21-Jul	24	0	0.00	1.97	100%	7	0	0.00	3.29	100%	99%
22-Jul	24	0	0.00	1.97	100%	No Fishing		0.00	3.29	100%	100%
23-Jul	24	0	0.00	1.97	100%	24	0	0.00	3.29	100%	100%
24-Jul	24	0	0.00	1.97	100%	24	0	0.00	3.29	100%	100%
25-Jul	24	0	0.00	1.97	100%	24	0	0.00	3.29	100%	100%
26-Jul	24	0	0.00	1.97	100%	24	0	0.00	3.29	100%	100%
Totals	978.0	46				959.5	79				
	Mean cumulative proportion date 6/24/2000					Mean cumulative proportion date				7/4/2001	

[a]counts begin the day the first chinook salmon was caught

Appendix Table 2. Test fishing catches of coho salmon in 5 7/8" mesh set gillnet, Unalakleet River, Norton Sound, 1981-2001.

1981 Coho Salmon*

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
22-Jul			0.00	0.00	0%
23-Jul			0.00	0.00	0%
24-Jul			0.00	0.00	0%
25-Jul			0.00	0.00	0%
26-Jul			0.00	0.00	0%
27-Jul			0.00	0.00	0%
28-Jul			0.00	0.00	0%
29-Jul			0.00	0.00	0%
30-Jul	24.0	6	0.25	0.25	2%
31-Jul	24.0	6	0.25	0.50	4%
1-Aug	24.0	3	0.13	0.63	5%
2-Aug	24.0	0	0.00	0.63	5%
3-Aug	24.0	3	0.13	0.75	6%
4-Aug	24.0	0	0.00	0.75	6%
5-Aug	24.0	0	0.00	0.75	6%
6-Aug	24.0	0	0.00	0.75	6%
7-Aug	24.0	3	0.13	0.88	7%
8-Aug	24.0	0	0.00	0.88	7%
9-Aug	24.0	9	0.38	1.25	10%
10-Aug	24.0	3	0.13	1.38	11%
11-Aug	24.0	0	0.00	1.38	11%
12-Aug	24.0	3	0.13	1.50	12%
13-Aug	24.0	3	0.13	1.63	13%
14-Aug	24.0	5	0.21	1.83	15%
15-Aug	24.0	17	0.71	2.54	20%
16-Aug	24.0	36	1.50	4.04	32%
17-Aug	24.0	27	1.13	5.17	41%
18-Aug	24.0	12	0.50	5.67	45%
19-Aug	24.0	20	0.83	6.50	52%
20-Aug	24.0	10	0.42	6.92	55%
21-Aug	24.0	17	0.71	7.63	61%
22-Aug	24.0	10	0.42	8.04	64%
23-Aug	24.0	13	0.54	8.58	68%
24-Aug	24.0	2	0.08	8.67	69%
25-Aug	24.0	5	0.21	8.88	71%
26-Aug	24.0	13	0.54	9.42	75%
27-Aug	24.0	5	0.21	9.63	77%
28-Aug	24.0	4	0.17	9.79	78%
29-Aug	24.0	1	0.04	9.83	78%
30-Aug	24.0	0	0.00	9.83	78%
31-Aug	24.0	3	0.13	9.96	79%
1-Sep	24.0	2	0.08	10.04	80%
2-Sep	24.0	1	0.04	10.08	80%
3-Sep	24.0	2	0.08	10.17	81%
4-Sep	24.0	3	0.13	10.29	82%
5-Sep	24.0	6	0.25	10.54	84%
6-Sep	24.0	6	0.25	10.79	86%
7-Sep	24.0	3	0.13	10.92	87%
8-Sep	24.0	6	0.25	11.17	89%
9-Sep	24.0	6	0.25	11.42	91%
10-Sep	24.0	9	0.38	11.79	94%
11-Sep	24.0	3	0.13	11.92	95%
12-Sep	24.0	3	0.13	12.04	96%
13-Sep	24.0	6	0.25	12.29	98%
14-Sep	24.0	0	0.00	12.29	98%
15-Sep	24.0	0	0.00	12.29	98%
16-Sep	24.0	3	0.13	12.42	99%
17-Sep	24.0	0	0.00	12.42	99%
18-Sep	24.0	0	0.00	12.42	99%
19-Sep	24.0	0	0.00	12.42	99%
20-Sep	24.0	3	0.13	12.54	100%
21-Sep			0.00	12.54	100%
22-Sep			0.00	12.54	100%
23-Sep			0.00	12.54	100%
24-Sep			0.00	12.54	100%
Totals	1,272.0	301			

Mean cumulative proportion date: 8/19/1981

1982 Coho Salmon*

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
22-Jul			0.00	0.00	0%
23-Jul			0.00	0.00	0%
24-Jul			0.00	0.00	0%
25-Jul			0.00	0.00	0%
26-Jul			0.00	0.00	0%
27-Jul			0.00	0.00	0%
28-Jul			0.00	0.00	0%
29-Jul			0.00	0.00	0%
30-Jul			0.00	0.00	0%
31-Jul			0.00	0.00	0%
1-Aug	3.0	9	3.00	3.00	11%
2-Aug	4.4	3	0.68	3.68	13%
3-Aug	No Fishing		0.64	4.33	16%
4-Aug	13.2	8	0.61	4.93	18%
5-Aug	7.3	6	0.82	5.75	21%
6-Aug	No Fishing		0.77	6.52	24%
7-Aug	No Fishing		0.77	7.29	27%
8-Aug	12.6	9	0.71	8.00	29%
9-Aug	12.9	0	0.00	8.00	29%
10-Aug	No Fishing		0.33	8.33	31%
11-Aug	12.2	8	0.66	8.99	33%
12-Aug	12.5	17	1.36	10.35	38%
13-Aug	No Fishing		1.41	11.76	43%
14-Aug	No Fishing		1.41	13.17	48%
15-Aug	12.3	18	1.46	14.63	54%
16-Aug	12.2	5	0.41	15.04	55%
17-Aug	No Fishing		0.41	15.46	57%
18-Aug	12.0	5	0.42	15.87	58%
19-Aug	12.2	1	0.08	15.96	58%
20-Aug	No Fishing		0.29	16.24	60%
21-Aug	No Fishing		0.29	16.53	61%
22-Aug	12.2	6	0.49	17.02	62%
23-Aug	11.8	2	0.17	17.19	63%
24-Aug	No Fishing		0.21	17.40	64%
25-Aug	12.1	3	0.25	17.65	65%
26-Aug	12.2	0	0.00	17.65	65%
27-Aug	No Fishing		0.44	18.09	66%
28-Aug	No Fishing		0.44	18.53	68%
29-Aug	12.5	11	0.88	19.41	71%
30-Aug	11.3	5	0.44	19.85	73%
31-Aug	No Fishing		0.47	20.32	74%
1-Sep	12.2	6	0.49	20.81	76%
2-Sep	11.3	2	0.17	20.98	77%
3-Sep	No Fishing		0.43	21.42	79%
4-Sep	No Fishing		0.43	21.85	80%
5-Sep	11.6	8	0.69	22.54	83%
6-Sep	9.8	3	0.31	22.84	84%
7-Sep	No Fishing		0.15	23.00	84%
8-Sep	11.8	0	0.00	23.00	84%
9-Sep	No Fishing		0.23	23.22	85%
10-Sep	28.5	13	0.46	23.68	87%
11-Sep	23.5	14	0.60	24.28	89%
12-Sep	25.6	8	0.31	24.59	90%
13-Sep	25.6	5	0.20	24.78	91%
14-Sep	21.3	6	0.28	25.07	92%
15-Sep	26.7	7	0.26	25.33	93%
16-Sep	22.2	5	0.23	25.55	94%
17-Sep	24.8	10	0.40	25.96	95%
18-Sep	22.1	15	0.68	26.63	98%
19-Sep	30.2	4	0.13	26.77	98%
20-Sep	19.1	0	0.00	26.77	98%
21-Sep	26.2	4	0.15	26.92	99%
22-Sep	27.6	6	0.22	27.14	99%
23-Sep	20.2	2	0.10	27.24	100%
24-Sep	23.8	1	0.04	27.28	100%
Totals	623.2	235			

Mean cumulative proportion date: 8/13/1982

1983 Coho Salmon*

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
22-Jul			0.00	0.00	0%
23-Jul			0.00	0.00	0%
24-Jul			0.00	0.00	0%
25-Jul			0.00	0.00	0%
26-Jul			0.00	0.00	0%
27-Jul			0.00	0.00	0%
28-Jul			0.00	0.00	0%
29-Jul			0.00	0.00	0%
30-Jul			0.00	0.00	0%
31-Jul			0.00	0.00	0%
1-Aug			0.00	0.00	0%
2-Aug			0.00	0.00	0%
3-Aug			0.00	0.00	0%
4-Aug			0.00	0.00	0%
5-Aug	11.8	1	0.08	0.08	1%
6-Aug	No Fishing		0.20	0.28	2%
7-Aug	12.8	4	0.31	0.60	4%
8-Aug	No Fishing		0.43	1.02	6%
9-Aug	25.7	14	0.54	1.57	10%
10-Aug	12.5	21	1.68	3.25	20%
11-Aug	No Fishing		0.84	4.09	25%
12-Aug	1.3	0	0.00	4.09	25%
13-Aug	No Fishing		0.56	4.65	29%
14-Aug	10.7	12	1.12	5.77	36%
15-Aug	No Fishing		0.64	6.41	39%
16-Aug	12.2	2	0.16	6.58	40%
17-Aug	12.3	6	0.49	7.07	43%
18-Aug	11.8	1	0.08	7.15	44%
19-Aug	No Fishing		0.31	7.46	46%
20-Aug	No Fishing		0.31	7.77	48%
21-Aug	11.2	6	0.54	8.31	51%
22-Aug	No Fishing		0.35	8.66	53%
23-Aug	12.0	2	0.17	8.82	54%
24-Aug	11.5	2	0.17	9.00	55%
25-Aug	No Fishing		0.30	9.30	57%
26-Aug	11.5	5	0.43	9.74	60%
27-Aug	No Fishing		0.22	9.96	61%
28-Aug	11.9	0	0.00	9.96	61%
29-Aug	No Fishing		0.17	10.12	62%
30-Aug	11.9	4	0.34	10.46	64%
31-Aug	11.7	1	0.09	10.54	65%
1-Sep	No Fishing		0.25	10.79	66%
2-Sep	12.3	5	0.41	11.20	69%
3-Sep	No Fishing		0.36	11.56	71%
4-Sep	47.9	15	0.31	11.87	73%
5-Sep	No Fishing		0.39	12.26	75%
6-Sep	23.8	11	0.46	12.72	78%
7-Sep	23.7	5	0.21	12.93	80%
8-Sep	23.8	6	0.25	13.18	81%
9-Sep	24.2	10	0.41	13.60	84%
10-Sep	24.2	3	0.12	13.72	84%
11-Sep	24.2	2	0.08	13.80	85%
12-Sep	24.1	8	0.33	14.14	87%
13-Sep	No Fishing		0.47	14.61	90%
14-Sep	22.7	14	0.62	15.23	94%
15-Sep	24.2	9	0.37	15.60	96%
16-Sep	21.0	3	0.14	15.74	97%
17-Sep	23.9	2	0.08	15.82	97%
18-Sep	23.0	2	0.09	15.91	98%
19-Sep	No Fishing		0.08	16.00	98%
20-Sep	48.9	4	0.08	16.08	99%
21-Sep	24.0	3	0.13	16.20	100%
22-Sep	24.2	0	0.00	16.20	100%
23-Sep	23.4	1	0.04	16.25	100%
24-Sep			0.00	16.25	100%
Totals	656.3	184			

Mean cumulative proportion date: 8/21/1983

1984 Coho Salmon*

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
22-Jul			0.00	0.00	0%
23-Jul			0.00	0.00	0%
24-Jul			0.00	0.00	0%
25-Jul			0.00	0.00	0%
26-Jul			0.00	0.00	0%
27-Jul			0.00	0.00	0%
28-Jul			0.00	0.00	0%
29-Jul			0.00	0.00	0%
30-Jul	24.6	16	0.65	0.65	3%
31-Jul	2.7	2	0.74	1.39	5%
1-Aug	23.3	26	1.12	2.51	10%
2-Aug	No Fishing		2.30	4.80	19%
3-Aug	4.6	16	3.48	8.28	33%
4-Aug	No Fishing		1.94	10.23	40%
5-Aug	No Fishing		1.94	12.17	48%
6-Aug	24.3	10	0.41	12.58	50%
7-Aug	11.0	10	0.91	13.49	53%
8-Aug	23.3	11	0.47	13.96	55%
9-Aug	No Fishing		0.40	14.37	57%
10-Aug	23.9	8	0.33	14.70	58%
11-Aug	No Fishing		0.27	14.97	59%
12-Aug	No Fishing		0.27	15.25	60%
13-Aug	24.0	5	0.21	15.45	61%
14-Aug	24.2	4	0.17	15.62	62%
15-Aug	23.8	5	0.21	15.83	63%
16-Aug	24.0	5	0.21	16.04	63%
17-Aug	25.0	6	0.24	16.28	64%
18-Aug	No Fishing		0.35	16.63	66%
19-Aug	No Fishing		0.35	16.98	67%
20-Aug	24.0	11	0.46	17.43	69%
21-Aug	No Fishing		0.31	17.74	70%
22-Aug	24.7	4	0.16	17.91	71%
23-Aug	23.2	6	0.26	18.17	72%
24-Aug	24.0	9	0.38	18.54	73%
25-Aug	No Fishing		0.32	18.86	75%
26-Aug	No Fishing		0.32	19.18	76%
27-Aug	23.0	6	0.26	19.44	77%
28-Aug	22.8	9	0.39	19.83	78%
29-Aug	25.3	11	0.43	20.27	80%
30-Aug	24.2	4	0.17	20.43	81%
31-Aug	30.7	7	0.23	20.66	82%
1-Sep	No Fishing		0.26	20.92	83%
2-Sep	No Fishing		0.26	21.19	84%
3-Sep	16.7	5	0.30	21.49	85%
4-Sep	23.0	6	0.26	21.75	86%
5-Sep	24.2	7	0.29	22.04	87%
6-Sep	24.2	9	0.37	22.41	89%
7-Sep	24.3	10	0.41	22.82	90%
8-Sep	No Fishing		0.31	23.13	91%
9-Sep	No Fishing		0.31	23.44	93%
10-Sep	23.5	5	0.21	23.66	94%
11-Sep	33.1	2	0.06	23.72	94%
12-Sep	22.0	3	0.14	23.85	94%
13-Sep	17.0	3	0.18	24.03	95%
14-Sep	23.7	1	0.04	24.07	95%
15-Sep	No Fishing		0.10	24.18	96%
16-Sep	No Fishing		0.10	24.28	96%
17-Sep	24.6	4	0.16	24.44	97%
18-Sep	24.4	4	0.16	24.60	97%
19-Sep	No Fishing		0.23	24.83	98%
20-Sep	23.8	7	0.29	25.13	99%
21-Sep	8.6	0	0.00	25.13	99%
22-Sep	No Fishing		0.04	25.17	99%
23-Sep	No Fishing		0.04	25.21	100%
24-Sep	23.6	2	0.08	25.30	100%
Totals	817.3	259			

Mean cumulative proportion date: 8/8/1984

*counts began the day the tenth coho was caught

- continued -

Appendix Table 2. (Page 2 of 6).

1985 Coho Salmon*

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
22-Jul			0.00	0.00	0%
23-Jul			0.00	0.00	0%
24-Jul			0.00	0.00	0%
25-Jul			0.00	0.00	0%
26-Jul			0.00	0.00	0%
27-Jul			0.00	0.00	0%
28-Jul			0.00	0.00	0%
29-Jul			0.00	0.00	0%
30-Jul			0.00	0.00	0%
31-Jul			0.00	0.00	0%
1-Aug			0.00	0.00	0%
2-Aug			0.00	0.00	0%
3-Aug	10.7	2	0.19	0.19	2%
4-Aug	No Fishing		0.16	0.34	3%
5-Aug	23.8	3	0.13	0.47	4%
6-Aug	24.3	2	0.08	0.55	5%
7-Aug	24.0	4	0.17	0.72	6%
8-Aug	24.0	3	0.13	0.84	7%
9-Aug	24.0	2	0.08	0.93	8%
10-Aug	11.0	0	0.00	0.93	8%
11-Aug	No Fishing		0.04	0.97	8%
12-Aug	24.2	2	0.08	1.05	9%
13-Aug	24.0	1	0.04	1.09	9%
14-Aug	29.2	10	0.34	1.43	12%
15-Aug	19.5	4	0.21	1.64	14%
16-Aug	23.5	6	0.26	1.90	16%
17-Aug	11.6	6	0.52	2.41	21%
18-Aug	No Fishing		0.80	3.21	28%
19-Aug	24.1	26	1.08	4.29	37%
20-Aug	23.8	5	0.21	4.50	39%
21-Aug	24.8	14	0.56	5.06	44%
22-Aug	23.8	6	0.25	5.32	46%
23-Aug	23.7	8	0.34	5.65	49%
24-Aug	9.1	2	0.22	5.87	51%
25-Aug	No Fishing		0.37	6.24	54%
26-Aug	23.0	12	0.52	6.77	59%
27-Aug	24.2	4	0.17	6.93	60%
28-Aug	24.2	8	0.33	7.26	63%
29-Aug	22.7	5	0.21	7.47	65%
30-Aug	24.2	2	0.08	7.56	65%
31-Aug	23.5	0	0.00	7.56	65%
1-Sep	No Fishing		0.06	7.62	66%
2-Sep	No Fishing		0.08	7.69	66%
3-Sep	24.4	3	0.12	7.80	68%
4-Sep	23.6	2	0.08	7.89	68%
5-Sep	24.0	3	0.13	8.01	69%
6-Sep	24.1	6	0.25	8.26	71%
7-Sep	11.8	5	0.42	8.68	75%
8-Sep	No Fishing		0.38	9.07	78%
9-Sep	5.8	2	0.34	9.41	81%
10-Sep	No Fishing		0.31	9.72	84%
11-Sep	No Fishing		0.31	10.02	87%
12-Sep	No Fishing		0.31	10.33	89%
13-Sep	26.2	7	0.27	10.60	92%
14-Sep	No Fishing		0.13	10.73	93%
15-Sep	No Fishing		0.13	10.87	94%
16-Sep	No Fishing		0.13	11.00	95%
17-Sep	No Fishing		0.13	11.13	96%
18-Sep	No Fishing		0.13	11.27	97%
19-Sep	24.0	0	0.00	11.27	97%
20-Sep	24.2	4	0.17	11.43	99%
21-Sep	24.1	3	0.12	11.56	100%
22-Sep			0.00	11.56	100%
23-Sep			0.00	11.56	100%
24-Sep			0.00	11.56	100%
Totals	758.1	172			

Mean cumulative proportion date 8/26/1985

1986 Coho Salmon*

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
24.2	2	0.08	0.08	1%
24.2	1	0.04	0.12	1%
23.9	2	0.08	0.21	2%
24.5	7	0.29	0.49	5%
No Fishing		0.62	1.11	12%
No Fishing		0.62	1.73	19%
No Fishing		0.62	2.35	26%
No Fishing		0.62	2.97	33%
24.2	23	0.95	3.92	43%
24.2	15	0.62	4.54	50%
23.7	8	0.34	4.87	54%
24.4	1	0.04	4.91	55%
11.9	3	0.25	5.17	57%
No Fishing		0.21	5.38	60%
24.0	4	0.17	5.54	61%
24.2	2	0.08	5.63	62%
24.0	5	0.21	5.83	65%
24.1	2	0.08	5.92	66%
24.1	0	0.00	5.92	66%
12.0	0	0.00	5.92	66%
No Fishing		0.10	6.02	67%
23.9	5	0.21	6.23	69%
24.1	0	0.00	6.23	69%
24.0	1	0.04	6.27	70%
24.0	4	0.17	6.44	71%
23.9	1	0.04	6.48	72%
11.8	1	0.08	6.57	73%
No Fishing		0.06	6.63	74%
23.9	1	0.04	6.67	74%
24.0	3	0.13	6.80	75%
24.0	2	0.08	6.88	76%
No Fishing		0.11	6.99	78%
48.0	7	0.15	7.14	79%
11.8	0	0.00	7.14	79%
No Fishing		0.08	7.22	80%
No Fishing		0.08	7.31	81%
24.0	4	0.17	7.47	83%
24.1	9	0.37	7.85	87%
23.9	6	0.25	8.10	90%
23.9	4	0.17	8.26	92%
24.1	1	0.04	8.31	92%
No Fishing		0.15	8.45	94%
No Fishing		0.15	8.60	95%
24.0	6	0.25	8.85	98%
23.9	4	0.17	9.01	100%
		0.00	9.01	100%
		0.00	9.01	100%
		0.00	9.01	100%
		0.00	9.01	100%
		0.00	9.01	100%
		0.00	9.01	100%
		0.00	9.01	100%
		0.00	9.01	100%
		0.00	9.01	100%
		0.00	9.01	100%
		0.00	9.01	100%
		0.00	9.01	100%
		0.00	9.01	100%
		0.00	9.01	100%
		0.00	9.01	100%
		0.00	9.01	100%
		0.00	9.01	100%
		0.00	9.01	100%
		0.00	9.01	100%
		0.00	9.01	100%
		0.00	9.01	100%
768.9	134			

Mean cumulative proportion date 8/8/1986

1987 Coho Salmon*

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
24.3	8	0.33	0.33	5%
24.1	0	0.00	0.33	5%
10.4	0	0.00	0.33	5%
No Fishing		0.14	0.47	7%
24.2	7	0.29	0.76	12%
23.8	1	0.04	0.81	12%
23.9	1	0.04	0.85	13%
24.3	2	0.08	0.93	14%
23.9	5	0.21	1.14	17%
23.8	4	0.17	1.31	20%
24.8	2	0.08	1.39	21%
24.2	2	0.08	1.47	22%
23.8	1	0.04	1.51	23%
24.0	6	0.25	1.76	27%
24.2	7	0.29	2.05	31%
24.0	7	0.29	2.34	36%
24.0	5	0.21	2.55	39%
23.9	2	0.08	2.63	40%
23.9	2	0.08	2.72	41%
24.2	3	0.12	2.84	43%
24.1	4	0.17	3.01	46%
24.0	2	0.08	3.09	47%
23.9	1	0.04	3.13	48%
10.8	0	0.00	3.13	48%
No Fishing		0.31	3.44	52%
13.1	8	0.61	4.05	62%
24.2	7	0.29	4.34	66%
23.9	3	0.13	4.46	68%
23.9	3	0.13	4.59	70%
24.1	6	0.25	4.84	73%
24.8	4	0.16	5.00	76%
23.5	10	0.43	5.43	82%
No Fishing		0.53	5.95	90%
23.8	15	0.63	6.58	100%
		0.00	6.58	100%
		0.00	6.58	100%
		0.00	6.58	100%
		0.00	6.58	100%
		0.00	6.58	100%
		0.00	6.58	100%
		0.00	6.58	100%
		0.00	6.58	100%
		0.00	6.58	100%
		0.00	6.58	100%
		0.00	6.58	100%
		0.00	6.58	100%
		0.00	6.58	100%
		0.00	6.58	100%
		0.00	6.58	100%
		0.00	6.58	100%
		0.00	6.58	100%
		0.00	6.58	100%
707.8	129			

Mean cumulative proportion date 8/30/1987

1988 Coho Salmon*

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
24.0	5	0.21	0.21	2%
24.1	5	0.21	0.42	4%
23.9	8	0.33	0.75	8%
24.2	1	0.04	0.79	9%
10.2	2	0.20	0.99	11%
No Fishing		0.56	1.55	17%
23.9	22	0.92	2.47	27%
24.1	16	0.66	3.13	34%
No Fishing		0.50	3.63	39%
47.9	16	0.33	3.96	43%
23.9	7	0.29	4.26	46%
9.1	3	0.33	4.59	50%
No Fishing		0.29	4.88	53%
16.1	4	0.25	5.12	55%
12.9	0	0.00	5.12	55%
12.9	4	0.31	5.43	59%
12.9	2	0.16	5.59	60%
No Fishing		0.09	5.68	61%
33.9	1	0.03	5.71	62%
No Fishing		0.01	5.73	62%
24.0	0	0.00	5.73	62%
24.0	5	0.21	5.93	64%
24.5	11	0.45	6.38	69%
23.7	5	0.21	6.59	71%
22.7	4	0.17	6.76	73%
9.8	3	0.31	7.07	76%
No Fishing		0.22	7.28	79%
24.0	3	0.13	7.41	80%
24.0	2	0.08	7.49	81%
24.1	3	0.12	7.62	82%
24.1	5	0.21	7.82	85%
23.9	5	0.21	8.03	87%
10.2	0	0.00	8.03	87%
No Fishing		0.06	8.10	87%
23.9	3	0.13	8.22	89%
23.0	1	0.04	8.27	89%
23.0	1	0.04	8.31	90%
24.2	9	0.37	8.68	94%
24.2	5	0.21	8.88	96%
24.0	1	0.04	8.93	96%
No Fishing		0.13	9.05	98%
48.0	10	0.21	9.26	100%
		0.00	9.26	100%
		0.00	9.26	100%
		0.00	9.26	100%
		0.00	9.26	100%
		0.00	9.26	100%
		0.00	9.26	100%
		0.00	9.26	100%
		0.00	9.26	100%
		0.00	9.26	100%
		0.00	9.26	100%
		0.00	9.26	100%
		0.00	9.26	100%
		0.00	9.26	100%
		0.00	9.26	100%
		0.00	9.26	100%
		0.00	9.26	100%
		0.00	9.26	100%
		0.00	9.26	100%
776.3	172			

Mean cumulative proportion date 8/13/1988

*month begin the day the tenth coho was caught

- continued -

Appendix Table 2. (Page 3 of 6).

1989 Coho Salmon*

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
22-Jul			0.00	0.00	0%
23-Jul			0.00	0.00	0%
24-Jul			0.00	0.00	0%
25-Jul			0.00	0.00	0%
26-Jul			0.00	0.00	0%
27-Jul	24.3	5	0.20	0.20	2%
28-Jul	23.7	1	0.04	0.25	3%
29-Jul	10.2	2	0.20	0.44	5%
30-Jul	No Fishing			0.14	0.58	6%
31-Jul	24.3	2	0.08	0.66	7%
1-Aug	23.8	4	0.17	0.83	8%
2-Aug	24.5	5	0.20	1.04	11%
3-Aug	23.8	3	0.13	1.16	12%
4-Aug	24.0	5	0.21	1.37	14%
5-Aug	10.2	5	0.49	1.86	19%
6-Aug	No Fishing			0.27	2.13	22%
7-Aug	24.3	1	0.04	2.17	22%
8-Aug	23.9	4	0.17	2.33	24%
9-Aug	24.2	6	0.25	2.58	26%
10-Aug	23.8	6	0.25	2.83	29%
11-Aug	No Fishing			0.17	3.01	31%
12-Aug	33.8	3	0.09	3.09	32%
13-Aug	No Fishing			0.48	3.58	36%
14-Aug	24.0	21	0.88	4.45	45%
15-Aug	24.2	14	0.58	5.03	51%
16-Aug	24.2	10	0.41	5.44	55%
17-Aug	23.6	7	0.30	5.74	58%
18-Aug	No Fishing			0.30	6.04	62%
19-Aug	32.8	10	0.30	6.34	65%
20-Aug	No Fishing			0.19	6.54	67%
21-Aug	24.0	2	0.08	6.62	67%
22-Aug	24.0	4	0.17	6.79	69%
23-Aug	23.5	5	0.21	7.00	71%
24-Aug	No Fishing			0.15	7.15	73%
25-Aug	34.5	5	0.14	7.33	75%
26-Aug	25.0	4	0.16	7.49	76%
27-Aug	No Fishing			0.25	7.73	79%
28-Aug	24.0	8	0.33	8.07	82%
29-Aug	25.8	9	0.35	8.41	86%
30-Aug	22.8	4	0.18	8.59	87%
31-Aug	23.7	4	0.17	8.76	89%
1-Sep	23.8	6	0.25	9.01	92%
2-Sep	11.8	1	0.08	9.10	93%
3-Sep	No Fishing			0.09	9.18	93%
4-Sep	23.3	2	0.09	9.27	94%
5-Sep	24.0	2	0.08	9.35	95%
6-Sep	No Fishing			0.07	9.42	96%
7-Sep	48.3	3	0.06	9.48	97%
8-Sep	23.7	2	0.08	9.57	97%
9-Sep	24.0	2	0.08	9.65	98%
10-Sep	24.0	2	0.08	9.74	99%
11-Sep	23.8	0	0.00	9.74	99%
12-Sep	24.0	2	0.08	9.82	100%
13-Sep			0.00	9.82	100%
14-Sep			0.00	9.82	100%
15-Sep			0.00	9.82	100%
16-Sep			0.00	9.82	100%
17-Sep			0.00	9.82	100%
18-Sep			0.00	9.82	100%
19-Sep			0.00	9.82	100%
20-Sep			0.00	9.82	100%
21-Sep			0.00	9.82	100%
22-Sep			0.00	9.82	100%
23-Sep			0.00	9.82	100%
24-Sep			0.00	9.82	100%
Totals	925.8	181			

Mean cumulative proportion date 8/1/1989

1990 Coho Salmon*

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
25.3	6	0.24	0.24	2%
7.5	0	0.00	0.24	2%
No Fishing		0.22	0.45	3%
23.2	10	0.43	0.88	6%
24.0	1	0.04	0.93	7%
24.0	8	0.33	1.26	9%
23.8	8	0.34	1.59	11%
23.8	3	0.13	1.72	12%
11.0	1	0.09	1.81	13%
No Fishing		0.34	2.15	15%
22.0	13	0.59	2.74	20%
24.0	17	0.71	3.45	25%
24.0	12	0.50	3.95	28%
24.0	23	0.96	4.91	35%
24.2	12	0.50	5.41	39%
9.4	5	0.53	5.94	42%
No Fishing		0.48	6.42	46%
23.5	10	0.43	6.84	49%
24.2	17	0.70	7.54	54%
24.6	15	0.61	8.15	58%
23.2	20	0.86	9.02	64%
24.2	8	0.33	9.35	67%
8.5	2	0.24	9.58	68%
No Fishing		0.65	10.23	73%
16.9	18	1.07	11.30	81%
24.0	11	0.46	11.76	84%
24.0	11	0.46	12.21	87%
24.1	5	0.21	12.42	89%
24.0	2	0.08	12.51	89%
9.0	0	0.00	12.51	89%
No Fishing		0.02	12.53	89%
23.7	1	0.04	12.57	90%
23.2	3	0.13	12.70	91%
33.0	6	0.18	12.88	92%
No Fishing		0.20	13.08	93%
No Fishing		0.20	13.27	95%
No Fishing		0.20	13.47	96%
No Fishing		0.20	13.67	98%
14.1	3	0.21	13.88	99%
23.5	2	0.09	13.97	100%
24.0	1	0.04	14.01	100%
		0.00	14.01	100%
		0.00	14.01	100%
		0.00	14.01	100%
		0.00	14.01	100%
		0.00	14.01	100%
		0.00	14.01	100%
		0.00	14.01	100%
		0.00	14.01	100%
		0.00	14.01	100%
		0.00	14.01	100%
		0.00	14.01	100%
		0.00	14.01	100%
681.9	254			

Mean cumulative proportion date 6/22/1990

1991 Coho Salmon*

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
8.1	1	0.12	0.12	1%
No Fishing		0.08	0.21	2%
23.7	1	0.04	0.25	3%
24.0	3	0.13	0.37	4%
24.0	3	0.13	0.50	6%
24.2	12	0.50	0.99	12%
23.8	3	0.13	1.12	13%
9.1	1	0.11	1.23	15%
No Fishing		0.20	1.43	17%
23.9	7	0.29	1.72	20%
24.0	1	0.04	1.77	21%
24.0	1	0.04	1.81	21%
24.0	3	0.13	1.93	23%
24.0	0	0.00	1.93	23%
9.0	0	0.00	1.93	23%
No Fishing		0.11	2.04	24%
23.8	5	0.21	2.25	27%
24.0	2	0.08	2.33	28%
24.0	10	0.42	2.75	32%
24.0	8	0.33	3.08	36%
24.0	5	0.21	3.29	39%
8.5	1	0.12	3.41	40%
No Fishing		0.25	3.66	43%
23.5	9	0.38	4.04	48%
24.0	4	0.17	4.21	50%
24.3	1	0.04	4.25	50%
23.6	1	0.04	4.29	51%
22.5	4	0.18	4.47	53%
8.4	0	0.00	4.47	53%
No Fishing		0.24	4.70	56%
23.4	11	0.47	5.17	61%
24.0	10	0.42	5.59	66%
24.2	13	0.54	6.12	72%
24.0	5	0.21	6.33	75%
23.9	8	0.33	6.67	79%
8.3	6	0.72	7.39	87%
No Fishing		0.53	7.92	94%
24.2	8	0.33	8.25	98%
23.7	5	0.21	8.46	100%
		0.00	8.46	100%
		0.00	8.46	100%
		0.00	8.46	100%
		0.00	8.46	100%
		0.00	8.46	100%
		0.00	8.46	100%
		0.00	8.46	100%
		0.00	8.46	100%
		0.00	8.46	100%
		0.00	8.46	100%
		0.00	8.46	100%
		0.00	8.46	100%
		0.00	8.46	100%
698.1	152			

Mean cumulative proportion date 6/22/1991

1992 Coho Salmon*

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
23.8	5	0.21	0.21	1%
23.9	2	0.08	0.29	1%
24.0	2	0.08	0.38	2%
24.0	1	0.04	0.42	2%
24.0	1	0.04	0.46	2%
6.2	2	0.32	0.78	3%
No Fishing		0.18	0.97	4%
23.8	1	0.04	1.01	4%
23.9	2	0.08	1.09	4%
24.0	4	0.17	1.26	5%
24.0	14	0.58	1.84	7%
24.0	11	0.46	2.30	9%
6.8	0	0.00	2.30	9%
No Fishing		0.25	2.55	10%
23.6	12	0.51	3.06	12%
24.0	135	5.63	8.69	35%
7.8	45	5.77	14.46	58%
15.6	27	1.73	16.19	65%
23.9	12	0.50	16.69	67%
6.8	3	0.44	17.13	69%
No Fishing		0.83	17.96	72%
23.8	29	1.22	19.18	77%
24.3	8	0.33	19.51	78%
23.8	14	0.59	20.10	81%
24.0	9	0.38	20.47	82%
24.0	9	0.38	20.85	84%
7.5	1	0.13	20.98	84%
No Fishing		0.19	21.17	85%
24.1	6	0.25	21.42	86%
24.0	4	0.17	21.59	87%
24.0	5	0.21	21.79	87%
24.0	11	0.46	22.25	89%
24.0	5	0.21	22.46	90%
7.2	2	0.28	22.74	91%
No Fishing		0.27	23.01	92%
23.5	6	0.26	23.26	93%
23.7	7	0.30	23.56	95%
24.0	4	0.17	23.72	95%
24.0	2	0.08	23.81	96%
24.1	8	0.33	24.14	97%
7.0	1	0.14	24.28	97%
No Fishing		0.18	24.46	98%
23.6	5	0.21	24.67	99%
24.2	6	0.25	24.92	100%
		0.00	24.92	100%
		0.00	24.92	100%
		0.00	24.92	100%
		0.00	24.92	100%
		0.00	24.92	100%
		0.00	24.92	100%
		0.00	24.92	100%
		0.00	24.92	100%
		0.00	24.92	100%
		0.00	24.92	100%
		0.00	24.92	100%
		0.00	24.92	100%
		0.00	24.92	100%
782.9	421			

Mean cumulative proportion date 6/12/1992

*Counts begin the day the tenth coho was caught.

- continued -

Appendix Table 2. (Page 4 of 8).

1993 Coho Salmon*

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
22-Jul			0.00	0.00	0%
23-Jul			0.00	0.00	0%
24-Jul			0.00	0.00	0%
25-Jul			0.00	0.00	0%
26-Jul			0.00	0.00	0%
27-Jul			0.00	0.00	0%
28-Jul			0.00	0.00	0%
29-Jul			0.00	0.00	0%
30-Jul			0.00	0.00	0%
31-Jul			0.00	0.00	0%
1-Aug			0.00	0.00	0%
2-Aug			0.00	0.00	0%
3-Aug			0.00	0.00	0%
4-Aug			0.00	0.00	0%
5-Aug			0.00	0.00	0%
6-Aug	24.0	3	0.13	0.13	2%
7-Aug	8.5	1	0.12	0.24	3%
8-Aug	No Fishing		0.10	0.34	5%
9-Aug	24.0	2	0.08	0.43	6%
10-Aug	24.0	1	0.04	0.47	6%
11-Aug	24.0	1	0.04	0.51	7%
12-Aug	24.0	0	0.00	0.51	7%
13-Aug	24.0	3	0.13	0.63	9%
14-Aug	8.5	0	0.00	0.63	9%
15-Aug	No Fishing		0.11	0.74	10%
16-Aug	23.5	5	0.21	0.95	13%
17-Aug	24.0	7	0.29	1.25	17%
18-Aug	24.0	16	0.67	1.91	26%
19-Aug	24.0	6	0.25	2.16	30%
20-Aug	24.5	11	0.45	2.61	36%
21-Aug	8.0	1	0.13	2.74	38%
22-Aug	No Fishing		0.21	2.95	40%
23-Aug	23.7	7	0.30	3.24	45%
24-Aug	24.0	5	0.21	3.45	47%
25-Aug	24.0	11	0.46	3.91	54%
26-Aug	24.0	7	0.29	4.20	58%
27-Aug	24.5	9	0.37	4.57	63%
28-Aug	7.5	3	0.40	4.97	68%
29-Aug	No Fishing		0.24	5.21	72%
30-Aug	23.8	2	0.08	5.29	73%
31-Aug	24.0	6	0.25	5.54	76%
1-Sep	24.0	4	0.17	5.71	78%
2-Sep	24.0	5	0.21	5.92	81%
3-Sep	24.0	5	0.21	6.13	84%
4-Sep	9.0	2	0.22	6.35	87%
5-Sep	No Fishing		0.30	6.65	91%
6-Sep	23.7	9	0.38	7.03	97%
7-Sep	24.0	1	0.04	7.07	97%
8-Sep	24.0	5	0.21	7.28	100%
9-Sep			0.00	7.28	100%
10-Sep			0.00	7.28	100%
11-Sep			0.00	7.28	100%
12-Sep			0.00	7.28	100%
13-Sep			0.00	7.28	100%
14-Sep			0.00	7.28	100%
15-Sep			0.00	7.28	100%
16-Sep			0.00	7.28	100%
17-Sep			0.00	7.28	100%
18-Sep			0.00	7.28	100%
19-Sep			0.00	7.28	100%
20-Sep			0.00	7.28	100%
21-Sep			0.00	7.28	100%
22-Sep			0.00	7.28	100%
23-Sep			0.00	7.28	100%
24-Sep			0.00	7.28	100%
Totals	617.2	138			

Mean cumulative proportion date 8/23/1993

1994 Coho Salmon*

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
15.0	6	0.40	0.40	3%
15.0	2	0.13	0.53	4%
15.0	1	0.07	0.60	4%
15.0	4	0.27	0.87	6%
15.0	1	0.07	0.93	7%
8.5	1	0.12	1.05	7%
No Fishing		0.14	1.19	8%
23.5	4	0.17	1.37	10%
24.0	1	0.04	1.41	10%
24.0	7	0.29	1.70	12%
24.0	5	0.21	1.91	13%
24.0	4	0.17	2.07	15%
8.5	1	0.12	2.19	16%
No Fishing		0.36	2.55	18%
23.5	14	0.60	3.14	22%
24.0	9	0.38	3.52	25%
24.0	22	0.92	4.44	31%
24.0	6	0.25	4.69	33%
24.0	4	0.17	4.85	34%
8.0	2	0.25	5.10	36%
No Fishing		0.40	5.50	39%
23.5	13	0.55	6.06	43%
24.0	10	0.42	6.47	46%
		0.00	6.47	46%
Flooding		0.00	6.47	46%
		0.00	6.47	46%
		0.00	6.47	46%
		0.00	6.47	46%
17.5	30	1.71	8.19	58%
23.5	13	0.55	8.74	62%
24.0	18	0.75	9.49	67%
24.0	22	0.92	10.41	74%
25.0	24	0.96	11.37	80%
		0.00	11.37	80%
Flooding		0.00	11.37	80%
Flooding		0.00	11.37	80%
17.0	18	1.06	12.43	88%
24.0	13	0.54	12.97	92%
23.5	6	0.26	13.22	94%
24.0	6	0.25	13.47	95%
8.0	1	0.13	13.60	96%
No Fishing		0.19	13.79	98%
23.5	6	0.26	14.04	99%
24.0	1	0.04	14.09	100%
24.5	1	0.04	14.13	100%
		0.00	14.13	100%
		0.00	14.13	100%
		0.00	14.13	100%
		0.00	14.13	100%
		0.00	14.13	100%
		0.00	14.13	100%
		0.00	14.13	100%
		0.00	14.13	100%
		0.00	14.13	100%
		0.00	14.13	100%
		0.00	14.13	100%
		0.00	14.13	100%
		0.00	14.13	100%
		0.00	14.13	100%
		0.00	14.13	100%
		0.00	14.13	100%
		0.00	14.13	100%
		0.00	14.13	100%
669.0	276			

Mean cumulative proportion date 8/22/1994

1995 Coho Salmon*

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
24.0	16	0.67	0.67	7%
24.0	6	0.25	0.92	10%
8.0	0	0.00	0.92	10%
No Fishing		0.10	1.02	11%
24.0	5	0.21	1.23	13%
24.0	3	0.13	1.35	15%
24.0	9	0.38	1.73	19%
24.0	16	0.67	2.40	26%
24.0	3	0.13	2.52	28%
8.0	0	0.00	2.52	28%
No Fishing		0.69	3.21	35%
24.0	33	1.38	4.58	50%
24.0	14	0.58	5.17	57%
24.0	14	0.58	5.75	63%
24.0	2	0.08	5.83	64%
24.0	4	0.17	6.00	66%
8.0	1	0.13	6.13	67%
No Fishing		0.13	6.25	68%
24.0	3	0.13	6.38	70%
24.0	3	0.13	6.50	71%
24.0	7	0.29	6.79	74%
24.0	10	0.42	7.21	79%
24.0	7	0.29	7.50	82%
8.0	0	0.00	7.50	82%
No Fishing		0.06	7.56	83%
24.0	3	0.13	7.69	84%
24.0	2	0.08	7.77	85%
24.0	6	0.25	8.02	88%
24.0	3	0.13	8.15	89%
24.0	1	0.04	8.19	90%
8.0	1	0.13	8.31	91%
No Fishing		0.08	8.40	92%
24.0	1	0.04	8.44	92%
24.0	5	0.21	8.65	95%
24.0	5	0.21	8.85	97%
24.0	2	0.08	8.94	98%
24.0	0	0.00	8.94	98%
8.0	0	0.00	8.94	98%
No Fishing		0.06	9.00	99%
24.0	3	0.13	9.13	100%
		0.00	9.13	100%
		0.00	9.13	100%
		0.00	9.13	100%
		0.00	9.13	100%
		0.00	9.13	100%
		0.00	9.13	100%
		0.00	9.13	100%
		0.00	9.13	100%
		0.00	9.13	100%
		0.00	9.13	100%
		0.00	9.13	100%
		0.00	9.13	100%
		0.00	9.13	100%
		0.00	9.13	100%
		0.00	9.13	100%
		0.00	9.13	100%
720.0	188			

Mean cumulative proportion date 8/14/1995

1996 Coho Salmon*

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
24.0	9	0.38	0.38	1%
24.0	13	0.54	0.92	3%
24.0	4	0.17	1.08	3%
24.0	16	0.67	1.75	5%
24.0	12	0.50	2.25	6%
8.0	27	3.38	5.63	16%
No Fishing		2.65	8.27	23%
24.0	46	1.92	10.19	28%
24.0	69	2.88	13.06	36%
24.0	61	2.54	15.60	43%
24.0	6	0.25	15.85	44%
24.0	8	0.33	16.19	45%
No Fishing		0.54	16.73	47%
No Fishing		0.54	17.27	48%
24.0	18	0.75	18.02	50%
24.0	15	0.63	18.65	52%
24.0	22	0.92	19.56	55%
24.0	5	0.21	19.77	55%
24.0	20	0.83	20.60	57%
8.0	11	1.38	21.98	61%
No Fishing		1.02	23.00	64%
24.0	16	0.67	23.67	66%
24.0	16	0.67	24.33	68%
24.0	10	0.42	24.75	69%
24.0	23	0.96	25.71	72%
24.0	21	0.88	26.58	74%
8.0	3	0.38	26.96	75%
No Fishing		0.54	27.50	77%
24.0	17	0.71	28.21	79%
24.0	13	0.54	28.75	80%
24.0	14	0.58	29.33	82%
24.0	17	0.71	30.04	84%
24.0	7	0.29	30.33	85%
8.0	2	0.25	30.58	85%
No Fishing		0.79	31.38	87%
24.0	32	1.33	32.71	91%
24.0	10	0.42	33.13	92%
24.0	5	0.21	33.33	93%
24.0	14	0.58	33.92	95%
24.0	2	0.08	34.00	95%
8.0	5	0.63	34.63	97%
No Fishing		0.38	35.00	98%
24.0	3	0.13	35.13	98%
24.0	2	0.08	35.21	98%
24.0	0	0.00	35.21	98%
24.0	0	0.00	35.21	98%
24.0	1	0.04	35.25	98%
8.0	0	0.00	35.25	98%
No Fishing		0.04	35.29	98%
24.0	2	0.08	35.38	99%
24.0	6	0.25	35.63	99%
24.0	6	0.25	35.88	100%
		0.00	35.88	100%
		0.00	35.88	100%
		0.00	35.88	100%
		0.00	35.88	100%
		0.00	35.88	100%
		0.00	35.88	100%
		0.00	35.88	100%
		0.00	35.88	100%
		0.00	35.88	100%
		0.00	35.88	100%
		0.00	35.88	100%
		0.00	35.88	100%
		0.00	35.88	100%
		0.00	35.88	100%
		0.00	35.88	100%
		0.00	35.88	100%
960.0	609			

Mean cumulative proportion date 8/4/1996

*weeks begin the day the tenth coho was caught

- continued -

Appendix Table 2. (Page 5 of 9).

	1997 Coho Salmon*					1998 Coho Salmon*					1999 Coho Salmon					2000 Coho Salmon				
Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
22-Jul											24	1	0.04	0.04	0%	8	0	0.00	0.00	0%
23-Jul											24	0	0.00	0.04	0%	No Fishing		0.02	0.02	0%
24-Jul											8	0	0.00	0.04	0%	24	1	0.04	0.06	1%
25-Jul											No Fishing		0.00	0.04	0%	24	0	0.00	0.06	1%
26-Jul											24	0	0.00	0.04	0%	24	3	0.13	0.19	2%
27-Jul											24	1	0.04	0.08	1%	24	2	0.08	0.27	2%
28-Jul	24.0	4	0.17	0.17	2%	24.0	4	0.17	0.17	1%	24	0	0.00	0.08	1%	24	4	0.17	0.44	4%
29-Jul	24.0	3	0.13	0.29	3%	24.0	5	0.21	0.38	3%	24	0	0.00	0.08	1%	24	2	0.08	0.52	4%
30-Jul	24.0	4	0.17	0.46	5%	24.0	0	0.00	0.38	3%	24	1	0.04	0.13	1%	No Fishing		0.04	0.56	5%
31-Jul	24.0	1	0.04	0.50	6%	24.0	0	0.00	0.38	3%	8	0	0.00	0.13	1%	24	0	0.00	0.56	5%
1-Aug	24.0	5	0.21	0.71	8%	8.0	2	0.25	0.63	6%	No Fishing		0.08	0.21	2%	24	1	0.04	0.60	5%
2-Aug	8.0	1	0.13	0.83	9%	No Fishing		0.25	0.88	8%	24	4	0.17	0.38	4%	24	3	0.13	0.73	6%
3-Aug	No Fishing		0.38	1.21	13%	24.0	6	0.25	1.13	10%	24	1	0.04	0.42	4%	24	11	0.46	1.19	10%
4-Aug	24.0	15	0.63	1.83	20%	24.0	6	0.25	1.38	12%	24	2	0.08	0.50	5%	24	5	0.21	1.40	12%
5-Aug	24.0	7	0.29	2.13	24%	24.0	7	0.29	1.67	15%	24	2	0.08	0.58	6%	8	1	0.13	1.52	13%
6-Aug	24.0	7	0.29	2.42	27%	24.0	6	0.25	1.92	17%	24	0	0.00	0.58	6%	No Fishing		0.19	1.71	15%
7-Aug	24.0	3	0.13	2.54	28%	24.0	4	0.17	2.08	18%	8	3	0.38	0.96	9%	24	6	0.25	1.96	17%
8-Aug	24.0	7	0.29	2.83	31%	8.0	5	0.63	2.71	24%	No Fishing		0.25	1.21	12%	24	2	0.08	2.04	17%
9-Aug	8.0	2	0.25	3.08	34%	No Fishing		0.44	3.15	28%	24	3	0.13	1.33	13%	24	6	0.25	2.29	20%
10-Aug	No Fishing		0.44	3.52	39%	24.0	6	0.25	3.40	30%	24	7	0.29	1.63	16%	24	14	0.58	2.88	25%
11-Aug	24.0	15	0.63	4.15	46%	24.0	2	0.08	3.48	31%	24	2	0.08	1.71	16%	24	5	0.21	3.08	26%
12-Aug	24.0	13	0.54	4.69	52%	24.0	2	0.08	3.56	32%	24	6	0.25	1.96	19%	24	5	0.21	3.29	28%
13-Aug	24.0	6	0.25	4.94	55%	24.0	6	0.25	3.81	34%	24	7	0.29	2.25	22%	8	2	0.25	3.54	30%
14-Aug	24.0	22	0.92	5.85	65%	24.0	14	0.58	4.40	39%	8	0	0.00	2.25	22%	No Fishing		0.67	4.21	36%
15-Aug	24.0	4	0.17	6.02	67%	8.0	4	0.50	4.90	43%	No Fishing		0.27	2.52	24%	24	26	1.08	5.29	47%
16-Aug	8.0	3	0.38	6.40	71%	No Fishing		0.69	5.58	50%	24	13	0.54	3.06	29%	24	12	0.50	5.79	49%
17-Aug	No Fishing		0.46	6.85	76%	24.0	21	0.88	6.46	57%	24	10	0.42	3.48	33%	24	14	0.58	6.38	54%
18-Aug	24.0	13	0.54	7.40	82%	24.0	6	0.25	6.71	60%	24	6	0.25	3.73	36%	24	22	0.92	7.29	62%
19-Aug	24.0	2	0.08	7.48	83%	24.0	8	0.33	7.04	62%	24	6	0.25	3.98	38%	8	2	0.25	7.54	64%
20-Aug	24.0	2	0.08	7.56	84%	24.0	8	0.33	7.38	65%	24	7	0.29	4.27	41%	No Fishing		0.19	7.73	66%
21-Aug	24.0	4	0.17	7.73	86%	24.0	4	0.17	7.54	67%	8	3	0.38	4.65	44%	24	3	0.13	7.85	67%
22-Aug	24.0	4	0.17	7.90	88%	8.0	4	0.50	8.04	71%	No Fishing		0.40	5.04	48%	24	5	0.21	8.06	69%
23-Aug	8.0	0	0.00	7.90	88%	No Fishing		0.44	8.48	75%	24	10	0.42	5.46	52%	24	2	0.08	8.15	69%
24-Aug	No Fishing		0.10	8.00	89%	24.0	9	0.38	8.85	79%	24	6	0.25	5.71	55%	24	7	0.29	8.44	72%
25-Aug	24.0	5	0.21	8.21	91%	24.0	5	0.21	9.06	80%	24	6	0.25	5.96	57%	24	2	0.08	8.52	73%
26-Aug	24.0	2	0.08	8.29	92%	24.0	7	0.29	9.35	83%	24	6	0.25	6.21	59%	8	1	0.13	8.63	74%
27-Aug	24.0	0	0.00	8.29	92%	24.0	2	0.08	9.44	84%	24	5	0.21	6.42	61%	No Fishing		0.17	8.81	75%
28-Aug	24.0	0	0.00	8.29	92%	24.0	3	0.13	9.56	85%	8	4	0.50	6.92	66%	24	5	0.21	9.02	77%
29-Aug	24.0	3	0.13	8.42	94%	8.0	2	0.25	9.81	87%	No Fishing		0.44	7.35	70%	24	21	0.88	9.90	84%
30-Aug	8.0	0	0.00	8.42	94%	No Fishing		0.21	10.02	89%	24	9	0.38	7.73	74%	24	12	0.50	10.40	89%
31-Aug	No Fishing		0.00	8.42	94%	24.0	4	0.17	10.19	90%	24	12	0.50	8.23	79%	24	4	0.17	10.56	90%
1-Sep	16.0	0	0.00	8.42	94%	24.0	2	0.08	10.27	91%	24	4	0.17	8.40	80%	24	0	0.00	10.56	90%
2-Sep	No Fishing		0.00	8.45	94%	24.0	4	0.17	10.44	93%	24	1	0.29	8.69	83%	8	2	0.25	10.81	92%
3-Sep	16.0	2	0.13	8.60	96%	24.0	3	0.13	10.56	94%	24	1	0.04	8.73	83%	No Fishing		0.29	11.10	95%
4-Sep	24.0	2	0.08	8.69	97%	24.0	4	0.17	10.73	95%	8	2	0.25	8.98	86%	24	8	0.33	11.44	98%
5-Sep	24.0	2	0.08	8.77	97%	8.0	0	0.00	10.73	95%	No Fishing		0.23	9.21	88%	24	2	0.08	11.52	98%
6-Sep	8.0	0	0.00	8.77	97%	No Fishing		0.08	10.81	96%	24	5	0.21	9.42	90%	24	0	0.00	11.52	98%
7-Sep	No Fishing		0.02	8.79	98%	24.0	4	0.17	10.98	97%	24	4	0.17	9.58	92%	24	4	0.17	11.69	100%
8-Sep	24.0	1	0.04	8.83	98%	24.0	2	0.08	11.06	98%	24	21	0.88	10.46	100%	24	1	0.04	11.73	100%
9-Sep	24.0	3	0.13	8.96	100%	24.0	5	0.21	11.27	100%										
10-Sep	24.0	1	0.04	9.00	100%				11.27	100%										
11-Sep				9.00	100%				11.27	100%										
12-Sep				9.00	100%				11.27	100%										
13-Sep				9.00	100%				11.27	100%										
14-Sep				9.00	100%				11.27	100%										
15-Sep				9.00	100%				11.27	100%										
16-Sep				9.00	100%				11.27	100%										
17-Sep				9.00	100%				11.27	100%										
18-Sep				9.00	100%				11.27	100%										
19-Sep				9.00	100%				11.27	100%										
20-Sep				9.00	100%				11.27	100%										
21-Sep				9.00	100%				11.27	100%										
22-Sep				9.00	100%				11.27	100%										
23-Sep				9.00	100%				11.27	100%										
24-Sep				9.00	100%				11.27	100%										
Totals	960.0	168				960.0	186				896	187				912	228			
	Mean cumulative proportion date				8/12/1997	Mean cumulative proportion date				8/16/1998	Mean cumulative proportion date				8/22/1999	Mean cumulative proportion date				8/13/2000

*Count begin the day the tank color was caught

- continued -

Appendix Table 2. (Page 5 of 5)

2001 Coho Salmon						Coho Salmon	
Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion	Average Cumulative CPUE 1982-2000	Average Cumulative Proportion 1982-2000
22-Jul	No Fishing			4%		0.02	0%
23-Jul	24	0	0.00	0.04	0%	0.06	0%
24-Jul	24	1	0.04	0.08	1%	0.07	0%
25-Jul	24	0	0.00	0.08	1%	0.13	1%
26-Jul	24	1	0.04	0.12	1%	0.18	1%
27-Jul	23	1	0.04	0.16	1%	0.41	2%
28-Jul	7	0	0.00	0.16	1%	0.56	2%
29-Jul	No Fishing		0.08	0.25	2%	0.70	3%
30-Jul	24	4	0.17	0.41	4%	0.92	4%
31-Jul	24	3	0.13	0.54	5%	1.12	5%
1-Aug	24	4	0.17	0.71	6%	1.45	6%
2-Aug	24	8	0.33	1.04	9%	1.72	8%
3-Aug	24	2	0.08	1.12	10%	2.15	11%
4-Aug	8	2	0.25	1.37	12%	2.49	13%
5-Aug	No Fishing		0.39	1.76	15%	2.83	15%
6-Aug	23	12	0.52	2.28	20%	3.12	17%
7-Aug	24	17	0.71	2.99	26%	3.46	20%
8-Aug	24	6	0.25	3.24	28%	3.76	22%
9-Aug	24	7	0.29	3.53	31%	4.07	24%
10-Aug	24	10	0.42	3.95	35%	4.55	28%
11-Aug	8	5	0.63	4.57	40%	5.12	31%
12-Aug	No Fishing		0.48	5.05	44%	5.66	34%
13-Aug	24	8	0.33	5.38	47%	6.10	37%
14-Aug	24	9	0.38	5.76	50%	6.62	41%
15-Aug	24	3	0.13	5.88	51%	7.10	44%
16-Aug	24	13	0.54	6.43	56%	7.47	47%
17-Aug	24	3	0.13	6.55	57%	7.87	50%
18-Aug	8	7	0.88	7.43	65%	8.22	53%
19-Aug	No Fishing		0.58	8.01	70%	8.53	55%
20-Aug	24	7	0.29	8.30	73%	8.78	57%
21-Aug	24	4	0.17	8.47	74%	9.05	59%
22-Aug	24	4	0.17	8.63	76%	9.41	62%
23-Aug	24	4	0.17	8.80	77%	9.67	64%
24-Aug	24	3	0.08	8.88	78%	9.96	67%
25-Aug	8	0	0.00	8.88	78%	10.26	69%
26-Aug	No Fishing		0.13	9.01	79%	10.58	71%
27-Aug	24	6	0.25	9.26	81%	10.81	73%
28-Aug	24	1	0.04	9.30	81%	11.06	75%
29-Aug	24	1	0.04	9.34	82%	11.36	77%
30-Aug	24	2	0.08	9.43	82%	11.63	79%
31-Aug	24	5	0.21	9.63	84%	11.87	81%
1-Sep	8	1	0.13	9.76	85%	12.06	83%
2-Sep	No Fishing		0.17	9.93	87%	12.25	84%
3-Sep	24	5	0.21	10.13	89%	12.43	86%
4-Sep	24	9	0.38	10.51	92%	12.64	87%
5-Sep	24	6	0.25	10.76	94%	12.83	89%
6-Sep	24	3	0.13	10.88	95%	13.02	91%
7-Sep	24	13	0.54	11.43	100%	13.22	93%
8-Sep				11.43	100%	13.45	95%
9-Sep						13.90	96%
10-Sep						14.02	96%
11-Sep						14.13	97%
12-Sep						14.21	98%
13-Sep						14.28	98%
14-Sep						14.34	98%
15-Sep						14.39	99%
16-Sep						14.43	99%
17-Sep						14.48	99%
18-Sep						14.54	99%
19-Sep						14.56	100%
20-Sep						14.60	100%
21-Sep						14.62	100%
22-Sep						14.64	100%
23-Sep						14.65	100%
24-Sep						14.65	100%
Totals	887	199					

Mean cumulative proportion date 8/14/2000

Appendix Table 3. Test fishing catches of pink salmon in 5 7/8" mesh set gillnet, Unalakleet River, Norton Sound, 1981-2001.

1981 Pink Salmon[a]

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
14-Jun			0.00	0.00	0%
15-Jun			0.00	0.00	0%
16-Jun			0.00	0.00	0%
17-Jun			0.00	0.00	0%
18-Jun			0.00	0.00	0%
19-Jun			0.00	0.00	0%
20-Jun			0.00	0.00	0%
21-Jun			0.00	0.00	0%
22-Jun			0.00	0.00	0%
23-Jun			0.00	0.00	0%
24-Jun			0.00	0.00	0%
25-Jun			0.00	0.00	0%
26-Jun			0.00	0.00	0%
27-Jun			0.00	0.00	0%
28-Jun			0.00	0.00	0%
29-Jun			0.00	0.00	0%
30-Jun			0.00	0.00	0%
1-Jul			0.00	0.00	0%
2-Jul			0.00	0.00	0%
3-Jul			0.00	0.00	0%
4-Jul			0.00	0.00	0%
5-Jul			0.00	0.00	0%
6-Jul			0.00	0.00	0%
7-Jul			0.00	0.00	0%
8-Jul			0.00	0.00	0%
9-Jul			0.00	0.00	0%
10-Jul			0.00	0.00	0%
11-Jul			0.00	0.00	0%
12-Jul			0.00	0.00	0%
13-Jul			0.00	0.00	0%
14-Jul			0.00	0.00	0%
15-Jul			0.00	0.00	0%
16-Jul			0.00	0.00	0%
17-Jul	24.0	20	0.83	0.83	6%
18-Jul	24.0	20	0.83	1.67	11%
19-Jul	24.0	23	0.96	2.63	18%
20-Jul	24.0	15	0.63	3.25	22%
21-Jul	24.0	51	2.13	5.38	36%
22-Jul	24.0	55	2.29	7.67	51%
23-Jul	24.0	28	1.17	8.83	59%
24-Jul	24.0	17	0.71	9.54	64%
25-Jul	24.0	22	0.92	10.46	70%
26-Jul	24.0	14	0.58	11.04	74%
27-Jul	24.0	12	0.50	11.54	77%
28-Jul	24.0	5	0.21	11.75	78%
29-Jul	24.0	9	0.38	12.13	81%
30-Jul	24.0	8	0.33	12.46	83%
31-Jul	24.0	10	0.42	12.88	86%
1-Aug	24.0	4	0.17	13.04	87%
2-Aug	24.0	4	0.17	13.21	88%
3-Aug	24.0	6	0.25	13.46	90%
4-Aug	24.0	4	0.17	13.63	91%
5-Aug	24.0	2	0.08	13.71	91%
6-Aug	24.0	10	0.42	14.13	94%
7-Aug	24.0	12	0.50	14.63	98%
8-Aug	24.0	1	0.04	14.67	98%
9-Aug	24.0	1	0.04	14.71	98%
10-Aug	24.0	2	0.08	14.79	99%
11-Aug	24.0	2	0.08	14.88	99%
12-Aug	24.0	3	0.13	15.00	100%
13-Aug	24.0	0	0.00	15.00	100%
14-Aug	24.0	0	0.00	15.00	100%
15-Aug			0.00	15.00	100%
16-Aug			0.00	15.00	100%
17-Aug			0.00	15.00	100%
18-Aug			0.00	15.00	100%
19-Aug			0.00	15.00	100%
20-Aug			0.00	15.00	100%
21-Aug			0.00	15.00	100%
22-Aug			0.00	15.00	100%
23-Aug			0.00	15.00	100%
24-Aug			0.00	15.00	100%
25-Aug			0.00	15.00	100%
26-Aug			0.00	15.00	100%
27-Aug			0.00	15.00	100%
28-Aug			0.00	15.00	100%
29-Aug			0.00	15.00	100%
30-Aug			0.00	15.00	100%
31-Aug			0.00	15.00	100%
1-Sep			0.00	15.00	100%
2-Sep			0.00	15.00	100%
3-Sep			0.00	15.00	100%
Totals	696.0	360			

Mean cumulative proportion date 7/22/1981

1982 Pink Salmon[a]

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
24.0	13	0.54	0.54	0%
No Fishing		0.73	1.27	1%
No Fishing		0.73	2.00	2%
12.0	11	0.92	2.92	2%
No Fishing		0.88	3.79	3%
12.0	10	0.83	4.63	3%
12.0	13	1.08	5.71	4%
No Fishing		2.05	7.76	6%
11.9	36	3.03	10.79	8%
No Fishing		3.04	13.83	10%
12.1	37	3.06	16.89	13%
No Fishing		2.51	19.40	15%
12.2	24	1.97	21.37	16%
13.5	23	1.70	23.07	17%
No Fishing		4.48	27.55	21%
12.0	87	7.25	34.80	26%
No Fishing		5.88	40.68	31%
13.5	61	4.52	45.20	34%
No Fishing		4.93	50.13	38%
12.0	64	5.33	55.46	42%
5.5	63	11.45	66.91	51%
No Fishing		6.39	73.31	55%
9.0	12	1.33	74.64	56%
No Fishing		1.59	76.23	58%
6.5	12	1.85	78.08	59%
No Fishing		2.93	81.01	61%
12.2	49	4.02	85.02	64%
9.0	40	4.44	89.47	68%
No Fishing		4.93	94.40	71%
11.8	64	5.42	99.83	76%
No Fishing		6.05	105.87	80%
12.0	80	6.67	112.54	85%
12.0	53	4.42	116.96	88%
No Fishing		4.28	121.24	92%
11.8	49	4.15	125.39	95%
24.5	37	1.51	126.90	96%
No Fishing		1.07	127.98	97%
No Fishing		1.07	129.05	98%
12.6	8	0.63	129.68	98%
2.5	1	0.40	130.08	98%
No Fishing		0.42	130.50	99%
No Fishing		0.42	130.92	99%
4.6	2	0.43	131.35	99%
No Fishing		0.22	131.57	100%
No Fishing		0.22	131.79	100%
No Fishing		0.22	132.00	100%
4.4	0	0.00	132.00	100%
No Fishing		0.04	132.04	100%
13.2	1	0.08	132.12	100%
7.3	0	0.00	132.12	100%
No Fishing		0.00	132.12	100%
No Fishing		0.00	132.12	100%
12.6	0	0.00	132.12	100%
12.9	0	0.00	132.12	100%
No Fishing		0.00	132.12	100%
12.2	0	0.00	132.12	100%
12.5	0	0.00	132.12	100%
12.0	0	0.00	132.12	100%
12.0	0	0.00	132.12	100%
12.3	1	0.08	132.20	100%
		0.00	132.20	100%
		0.00	132.20	100%
		0.00	132.20	100%
		0.00	132.20	100%
		0.00	132.20	100%
		0.00	132.20	100%
		0.00	132.20	100%
		0.00	132.20	100%
		0.00	132.20	100%
		0.00	132.20	100%
		0.00	132.20	100%
		0.00	132.20	100%
		0.00	132.20	100%
		0.00	132.20	100%
		0.00	132.20	100%
		0.00	132.20	100%
		0.00	132.20	100%
		0.00	132.20	100%
		0.00	132.20	100%
		0.00	132.20	100%
		0.00	132.20	100%
		0.00	132.20	100%
392.6	851			

Mean cumulative proportion date 7/7/1982

1983 Pink Salmon[a]

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
11.5	8	0.70	0.70	3%
No Fishing		1.15	1.84	7%
11.9	19	1.60	3.44	13%
No Fishing		1.05	4.49	18%
11.9	6	0.50	4.99	20%
No Fishing		0.88	5.88	23%
11.9	15	1.26	7.14	28%
12.0	2	0.17	7.30	29%
No Fishing		0.58	7.88	31%
12.1	12	0.99	8.87	35%
No Fishing		1.02	9.90	39%
11.4	12	1.05	10.95	43%
No Fishing		1.35	12.30	48%
11.5	19	1.65	13.95	55%
11.6	15	1.29	15.25	60%
No Fishing		1.20	16.45	64%
11.7	13	1.11	17.56	69%
No Fishing		0.98	18.54	73%
11.8	10	0.85	19.39	76%
No Fishing		0.81	20.19	79%
11.8	9	0.76	20.95	82%
11.5	0	0.00	20.95	82%
No Fishing		0.78	21.73	85%
12.2	19	1.56	23.29	91%
No Fishing		0.87	24.16	95%
11.5	2	0.17	24.33	95%
No Fishing		0.21	24.54	96%
12.0	3	0.25	24.79	97%
11.7	2	0.17	24.96	98%
No Fishing		0.09	25.05	98%
11.7	0	0.00	25.05	98%
No Fishing		0.00	25.05	98%
11.6	0	0.00	25.05	98%
No Fishing		0.00	25.05	98%
12.1	0	0.00	25.05	98%
12.2	0	0.00	25.05	98%
No Fishing		0.04	25.09	98%
11.8	1	0.08	25.17	99%
No Fishing		0.04	25.22	99%
12.8	0	0.00	25.22	99%
No Fishing		0.00	25.22	99%
25.7	0	0.00	25.22	99%
12.5	0	0.00	25.22	99%
No Fishing		0.00	25.22	99%
1.3	0	0.00	25.22	99%
No Fishing		0.05	25.26	99%
10.7	1	0.09	25.36	99%
No Fishing		0.09	25.45	100%
12.2	1	0.08	25.53	100%
		0.00	25.53	100%
		0.00	25.53	100%
		0.00	25.53	100%
		0.00	25.53	100%
		0.00	25.53	100%
		0.00	25.53	100%
		0.00	25.53	100%
		0.00	25.53	100%
		0.00	25.53	100%
		0.00	25.53	100%
		0.00	25.53	100%
		0.00	25.53	100%
		0.00	25.53	100%
		0.00	25.53	100%
		0.00	25.53	100%
		0.00	25.53	100%
		0.00	25.53	100%
		0.00	25.53	100%
		0.00	25.53	100%
		0.00	25.53	100%
		0.00	25.53	100%
334.6	169			

Mean cumulative proportion date 7/12/1983

1984 Pink Salmon[a]

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
24.1	11	0.46	0.46	1%
No Fishing		0.48	0.93	1%
No Fishing		0.48	1.41	2%
24.2	12	0.50	1.90	3%
No Fishing		0.84	2.74	4%
24.5	29	1.18	3.93	6%
No Fishing		1.19	5.11	8%
24.4	29	1.19	6.30	10%
No Fishing		1.46	7.76	12%
No Fishing		1.46	9.21	15%
23.8	41	1.72	10.94	18%
No Fishing		1.53	12.46	20%
24.0	32	1.33	13.80	22%
No Fishing		1.60	15.40	25%
24.1	45	1.87	17.27	28%
No Fishing		2.20	19.46	31%
No Fishing		2.20	21.66	35%
24.1	61	2.53	24.19	39%
No Fishing		2.96	27.15	44%
23.9	81	3.39	30.54	49%
No Fishing		3.71	34.25	55%
24.1	97	4.02	38.28	61%
No Fishing		3.01	41.29	66%
No Fishing		3.01	44.30	71%
24.0	48	2.00	46.30	74%
No Fishing		1.76	48.07	77%
24.2	37	1.53	49.59	80%
No Fishing		1.68	51.28	82%
24.0	44	1.83	53.11	85%
No Fishing		1.96	55.07	88%
No Fishing		1.96	57.03	92%
23.5	49	2.09	59.11	95%
No Fishing		1.29	60.41	97%
23.9	12	0.50	60.91	98%
24.0	15	0.63	61.53	99%
24.1	9	0.37	61.91	99%
11.4	0	0.00	61.91	99%
No Fishing		0.02	61.93	99%
24.6	1	0.04	61.97	100%
2.7	0	0.00	61.97	100%
23.3	2	0.09	62.05	100%
No Fishing		0.04	62.10	100%
4.6	0	0.00	62.10	100%
No Fishing		0.00	62.10	100%
24.0	0	0.00	62.10	100%
24.3	0	0.00	62.10	100%
No Fishing		0.00	62.10	100%
23.3	0	0.00	62.10	100%
No Fishing		0.00	62.10	100%
23.9	0	0.00	62.10	100%
No Fishing		0.04	62.14	100%
No Fishing		0.04	62.18	100%
24.0	2	0.08	62.26	100%
		0.00	62.26	100%
		0.00	62.26	100%
		0.00	62.26	100%
		0.00	62.26	100%
		0.00	62.26	100%
		0.00	62.26	100%
		0.00	62.26	100%
		0.00	62.26	100%
		0.00	62.26	100%
		0.00	62.26	100%
		0.00	62.26	100%
		0.00	62.26	100%
		0.00	62.26	100%
		0.00	62.26	100%
		0.00	62.26	100%
		0.00	62.26	100%
		0.00	62.26	100%
		0.00	62.26	100%
		0.00	62.26	100%
		0.00	62.26	100%
595.0	657.0			

Mean cumulative proportion date 7/12/1984

[a]counts begin the day the tenth pink was caught

- continued -

Appendix Table 3. (Page 2 of 6).

Date	1985 Pink Salmon[b]					1986 Pink Salmon[a]				
	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
14-Jun			0.00	0.00	0%			0.00	0.00	0%
15-Jun			0.00	0.00	0%			0.00	0.00	0%
16-Jun			0.00	0.00	0%			0.00	0.00	0%
17-Jun			0.00	0.00	0%			0.00	0.00	0%
18-Jun			0.00	0.00	0%			0.00	0.00	0%
19-Jun			0.00	0.00	0%			0.00	0.00	0%
20-Jun			0.00	0.00	0%			0.00	0.00	0%
21-Jun			0.00	0.00	0%	23.9	7	0.29	0.29	1%
22-Jun			0.00	0.00	0%	24.3	13	0.53	0.83	2%
23-Jun			0.00	0.00	0%	23.9	21	0.88	1.71	4%
24-Jun			0.00	0.00	0%	23.7	37	1.56	3.27	8%
25-Jun			0.00	0.00	0%	24.0	51	2.13	5.39	14%
26-Jun			0.00	0.00	0%	25.0	39	1.56	6.95	18%
27-Jun			0.00	0.00	0%	24.0	27	1.13	8.08	20%
28-Jun			0.00	0.00	0%	12.1	8	0.66	8.74	22%
29-Jun	24.1	1	0.04	0.04	6%	No Fishing		1.66	10.40	26%
30-Jun	23.7	1	0.04	0.08	12%	24.0	64	2.67	13.07	33%
1-Jul	9.8	0	0.00	0.08	12%	24.1	75	3.11	16.18	41%
2-Jul	7.0	0	0.00	0.08	12%	23.9	66	2.76	18.94	48%
3-Jul	24.0	0	0.00	0.08	12%	24.1	29	1.20	20.15	51%
4-Jul	23.8	0	0.00	0.08	12%	23.9	28	1.17	21.32	54%
5-Jul	23.9	0	0.00	0.08	12%	12.2	11	0.90	22.22	56%
6-Jul	9.2	1	0.11	0.19	28%	No Fishing		0.49	22.71	57%
7-Jul	No Fishing		0.08	0.27	40%	24.4	2	0.08	22.79	57%
8-Jul	23.2	1	0.04	0.31	46%	24.5	2	0.08	22.87	58%
9-Jul	24.1	0	0.00	0.31	46%	23.8	4	0.17	23.04	58%
10-Jul	23.9	0	0.00	0.31	46%	23.9	3	0.13	23.17	58%
11-Jul	24.1	0	0.00	0.31	46%	24.2	3	0.12	23.29	59%
12-Jul	24.4	0	0.00	0.31	46%	12.4	1	0.08	23.37	59%
13-Jul	8.6	0	0.00	0.31	46%	24.0	2	0.08	23.46	59%
14-Jul	No Fishing		0.00	0.31	46%	24.6	3	0.12	23.58	59%
15-Jul	24.3	0	0.00	0.31	46%	23.0	2	0.09	23.67	60%
16-Jul	23.9	0	0.00	0.31	46%	24.1	3	0.12	23.79	60%
17-Jul	24.3	3	0.12	0.43	64%	24.0	14	0.58	24.37	61%
18-Jul	33.8	4	0.12	0.55	81%	26.4	24	0.91	25.28	64%
19-Jul	24.1	0	0.00	0.55	81%	24.0	21	0.88	26.16	66%
20-Jul	No Fishing		0.02	0.57	84%	24.0	18	0.75	26.91	68%
21-Jul	No Fishing		0.02	0.59	88%	24.0	15	0.63	27.53	69%
22-Jul	24.2	1	0.04	0.64	94%	24.2	13	0.54	28.07	71%
23-Jul	24.9	0	0.00	0.64	94%	26.8	10	0.37	28.44	72%
24-Jul	23.1	1	0.04	0.68	100%	12.9	23	1.78	30.23	76%
25-Jul			0.00	0.68	100%	24.1	41	1.70	31.93	80%
26-Jul			0.00	0.68	100%	12.0	22	1.83	33.76	85%
27-Jul			0.00	0.68	100%	24.0	15	0.63	34.39	87%
28-Jul			0.00	0.68	100%	24.2	7	0.29	34.67	87%
29-Jul			0.00	0.68	100%	24.2	7	0.29	34.96	88%
30-Jul			0.00	0.68	100%	23.9	3	0.13	35.09	88%
31-Jul			0.00	0.68	100%	24.5	10	0.41	35.50	89%
1-Aug			0.00	0.68	100%	No Fishing		0.49	35.99	91%
2-Aug			0.00	0.68	100%	No Fishing		0.49	36.48	92%
3-Aug			0.00	0.68	100%	No Fishing		0.49	36.98	93%
4-Aug			0.00	0.68	100%	No Fishing		0.49	37.47	94%
5-Aug			0.00	0.68	100%	24.2	14	0.58	38.05	96%
6-Aug			0.00	0.68	100%	24.2	6	0.25	38.30	96%
7-Aug			0.00	0.68	100%	23.7	7	0.30	38.59	97%
8-Aug			0.00	0.68	100%	24.4	1	0.04	38.63	97%
9-Aug			0.00	0.68	100%	11.9	2	0.17	38.80	98%
10-Aug			0.00	0.68	100%	No Fishing		0.21	39.01	98%
11-Aug			0.00	0.68	100%	24.0	6	0.25	39.26	99%
12-Aug			0.00	0.68	100%	24.2	2	0.08	39.34	99%
13-Aug			0.00	0.68	100%	24.0	0	0.00	39.34	99%
14-Aug			0.00	0.68	100%	24.1	1	0.04	39.38	99%
15-Aug			0.00	0.68	100%	24.1	3	0.12	39.51	99%
16-Aug			0.00	0.68	100%	No Fishing		0.08	39.59	100%
17-Aug			0.00	0.68	100%	24.0	1	0.04	39.63	100%
18-Aug			0.00	0.68	100%	23.9	0	0.00	39.63	100%
19-Aug			0.00	0.68	100%	24.1	1	0.04	39.68	100%
20-Aug			0.00	0.68	100%	24.0	1	0.04	39.72	100%
21-Aug			0.00	0.68	100%			0.00	39.72	100%
22-Aug			0.00	0.68	100%			0.00	39.72	100%
23-Aug			0.00	0.68	100%			0.00	39.72	100%
24-Aug			0.00	0.68	100%			0.00	39.72	100%
25-Aug			0.00	0.68	100%			0.00	39.72	100%
26-Aug			0.00	0.68	100%			0.00	39.72	100%
27-Aug			0.00	0.68	100%			0.00	39.72	100%
28-Aug			0.00	0.68	100%			0.00	39.72	100%
29-Aug			0.00	0.68	100%			0.00	39.72	100%
30-Aug			0.00	0.68	100%			0.00	39.72	100%
31-Aug			0.00	0.68	100%			0.00	39.72	100%
1-Sep			0.00	0.68	100%			0.00	39.72	100%
2-Sep			0.00	0.68	100%			0.00	39.72	100%
3-Sep			0.00	0.68	100%			0.00	39.72	100%
Totals	476.4	13				1,210.0	789			

Date	1987 Pink Salmon[a]					1988 Pink Salmon[a]				
	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
14-Jun			0.00	0.00	0%			0.00	0.00	0%
15-Jun			0.00	0.00	0%			0.00	0.00	0%
16-Jun			0.00	0.00	0%			0.00	0.00	0%
17-Jun			0.00	0.00	0%			0.00	0.00	0%
18-Jun			0.00	0.00	0%			0.00	0.00	0%
19-Jun			0.00	0.00	0%			0.00	0.00	0%
20-Jun			0.00	0.00	0%	24.3	32	1.32	1.32	3%
21-Jun			0.00	0.00	0%	23.9	20	0.84	2.15	4%
22-Jun			0.00	0.00	0%	24.0	35	1.46	3.61	7%
23-Jun			0.00	0.00	0%	24.2	22	0.91	4.52	9%
24-Jun			0.00	0.00	0%	23.7	10	0.42	4.94	10%
25-Jun			0.00	0.00	0%	9.0	16	1.78	6.72	14%
26-Jun			0.00	0.00	0%	No Fishing		2.01	8.73	18%
27-Jun			0.00	0.00	0%	24.1	54	2.24	10.97	22%
28-Jun			0.00	0.00	0%	No Fishing		1.62	12.59	25%
29-Jun			0.00	0.00	0%	53.0	53	1.00	13.59	27%
30-Jun			0.00	0.00	0%	19.1	38	1.99	15.58	31%
1-Jul			0.00	0.00	0%	24.2	72	2.98	18.56	37%
2-Jul			0.00	0.00	0%	10.3	27	2.62	21.18	43%
3-Jul			0.00	0.00	0%	No Fishing		2.10	23.27	47%
4-Jul			0.00	0.00	0%	24.2	38	1.57	24.84	50%
5-Jul			0.00	0.00	0%	24.0	32	1.33	26.18	53%
6-Jul			0.00	0.00	0%	24.0	23	0.96	27.13	55%
7-Jul			0.00	0.00	0%	24.1	29	1.20	28.34	57%
8-Jul	24.1	2	0.08	0.08	2%	23.9	27	1.13	29.47	60%
9-Jul	24.0	1	0.04	0.12	3%	11.6	22	1.90	31.36	63%
10-Jul	24.3	5	0.21	0.33	8%	No Fishing		3.30	34.67	70%
11-Jul	11.2	1	0.09	0.42	10%	24.4	115	4.71	39.38	80%
12-Jul	No Fishing		0.07	0.49	12%	23.9	52	2.18	41.56	84%
13-Jul	23.3	1	0.04	0.53	13%	23.9	36	1.51	43.06	87%
14-Jul	23.9	0	0.00	0.53	13%	23.9	14	0.59	43.65	88%
15-Jul	No Fishing		0.10	0.63	15%	24.1	9	0.37	44.02	89%
16-Jul	48.4	10	0.21	0.84	20%	10.8	7	0.65	44.67	90%
17-Jul	23.8	2	0.08	0.92	22%	No Fishing		0.61	45.29	91%
18-Jul	10.9	0	0.00	0.92	22%	24.1	14	0.58	45.87	93%
19-Jul	No Fishing		0.39	1.32	32%	24.0	12	0.50	46.37	94%
20-Jul	24.2	19	0.79	2.10	51%	24.0	6	0.25	46.62	94%
21-Jul	23.8	22	0.92	3.02	74%	24.8	8	0.32	46.94	95%
22-Jul	24.0	18	0.75	3.77	92%	24.0	6	0.25	47.19	95%
23-Jul	24.3	3	0.12	3.90	95%	25.4	3	0.12	47.31	96%
24-Jul	23.8	4	0.17	4.07	99%	No Fishing		0.24	47.54	96%
25-Jul	10.5	0	0.00	4.07	99%	No Fishing		0.24	47.78	96%
26-Jul	No Fishing		0.00	4.07	99%	No Fishing		0.24	48.01	97%
27-Jul	23.4	0	0.00	4.07	99%	22.7	8	0.35	48.37	98%
28-Jul	24.3	1	0.04	4.11	100%	24.3	5	0.21	48.57	98%
29-Jul			0.00	4.11	100%	23.6	4	0.17	48.74	98%
30-Jul			0.00	4.11	100%	11.3	1	0.09	48.83	99%
31-Jul			0.00	4.11	100%	No Fishing		0.04	48.87	99%
1-Aug			0.00	4.11	100%	24.0	0	0.00	48.87	99%
2-Aug			0.00	4.11	100%	24.0	1	0.04	48.92	99%
3-Aug			0.00	4.11	100%	24.1	1	0.04	48.96	99%
4-Aug			0.00	4.11	100%	23.9	2	0.08	49.04	99%
5-Aug			0.00	4.11	100%	24.2	1	0.04	49.08	99%
6-Aug			0.00	4.11	100%	10.2	1	0.10	49.18	99%
7-Aug			0.00	4.11	100%	No Fishing		0.09	49.27	99%
8-Aug			0.00	4.11	100%	23.9	2	0.08	49.35	100%
9-Aug			0.00	4.11	100%	24.1	1	0.04	49.40	100%
10-Aug			0.00	4.11	100%	No Fishing		0.04	49.44	100%
11-Aug			0.00	4.11	100%	47.9	2	0.04	49.48	100%
12-Aug			0.00	4.11	100%	23.9	0	0.00	49.48	100%
13-Aug			0.00	4.11	100%	9.1	0	0.00	49.48	100%
14-Aug			0.00	4.11	100%	No Fishing		0.00	49.48	100%
15-Aug			0.00	4.11	100%	16.1	0	0.00	49.48	100%
16-Aug			0.00	4.11	100%	23.9	1	0.04	49.52	100%
17-Aug			0.00	4.11	100%	23.9	0	0.00	49.52	100%
18-Aug			0.00	4.11	100%	23.9	0	0.00	49.52	100%
19-Aug			0.00	4.11	100%	No Fishing		0.00	49.52	100%
20-Aug			0.00	4.11	100%	33.9	0	0.00	49.52	100%
21-Aug			0.00	4.11	100%			0.00	49.52	100%
22-Aug			0.00	4.11	100%			0.00	49.52	100%
23-Aug			0.00	4.11	100%			0.00	49.52	100%
24-Aug			0.00	4.11	100%			0.00	49.52	100%
25-Aug			0.00	4.11	100%			0.00	49.52	100%
26-Aug			0.00	4.11	100%			0.00	49.52	100%
27-Aug			0.00	4.11	100%			0.00	49.52	100%
28-Aug			0.00	4.11	100%			0.00	49.52	100%
29-Aug			0.00	4.11	100%			0.00	49.52	100%
30-Aug			0.00	4.11	100%			0.00	49.52	100%
31-Aug			0.00	4.11	100%			0.00	49.52	100%
1-Sep			0.00	4.11	100%			0.00	49.52	100%
2-Sep			0.00	4.11	100%			0.00	49.52	100%
3-Sep			0.00	4.11	100%			0.00	49.52	100%
Totals	392.2	89				1,131.8	862			

Mean cumulative proportion date 7/17/1985

Mean cumulative proportion date 7/3/1986

Mean cumulative proportion date 7/20/1987

Mean cumulative proportion date 7/4/1988

[a]counts begin the day the tenth pink was caught
[b]counts begin the day the first pink was caught

- continued -

Appendix Table 3. (Page 3 of 6).

Appendix Table 3.

1989 Pink Salmon[a]

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
14-Jun			0.00	0.00	0%
15-Jun			0.00	0.00	0%
16-Jun			0.00	0.00	0%
17-Jun			0.00	0.00	0%
18-Jun			0.00	0.00	0%
19-Jun			0.00	0.00	0%
20-Jun			0.00	0.00	0%
21-Jun			0.00	0.00	0%
22-Jun			0.00	0.00	0%
23-Jun			0.00	0.00	0%
24-Jun			0.00	0.00	0%
25-Jun			0.00	0.00	0%
26-Jun			0.00	0.00	0%
27-Jun			0.00	0.00	0%
28-Jun			0.00	0.00	0%
29-Jun	24.0	7	0.29	0.29	0%
30-Jun	No Fishing		0.36	0.65	1%
1-Jul	24.8	13	0.43	1.08	1%
2-Jul	No Fishing		0.24	1.32	2%
3-Jul	24.1	1	0.04	1.36	2%
4-Jul	24.0	2	0.08	1.45	2%
5-Jul	23.9	3	0.13	1.57	2%
6-Jul	24.1	5	0.21	1.78	2%
7-Jul	24.0	2	0.08	1.86	3%
8-Jul	10.0	0	0.00	1.86	3%
9-Jul	No Fishing		0.25	2.11	3%
10-Jul	24.1	12	0.50	2.61	4%
11-Jul	23.9	12	0.50	3.11	4%
12-Jul	24.0	16	0.67	3.78	5%
13-Jul	24.0	16	0.67	4.44	6%
14-Jul	24.0	34	1.42	5.86	8%
15-Jul	10.2	56	5.49	11.35	16%
16-Jul	No Fishing		5.60	16.95	23%
17-Jul	14.0	80	5.71	22.67	31%
18-Jul	24.2	117	4.83	27.50	38%
19-Jul	24.1	191	7.93	35.43	49%
20-Jul	24.1	189	7.84	43.27	59%
21-Jul	24.0	144	6.00	49.27	68%
22-Jul	10.0	54	5.40	54.67	75%
23-Jul	No Fishing		3.85	58.52	80%
24-Jul	28.8	66	2.29	60.81	84%
25-Jul	18.3	32	1.75	62.56	86%
26-Jul	23.8	55	2.31	64.87	89%
27-Jul	24.5	65	2.65	67.52	93%
28-Jul	23.7	27	1.14	68.66	94%
29-Jul	10.2	15	1.47	70.13	96%
30-Jul	No Fishing		0.84	70.97	98%
31-Jul	24.3	5	0.21	71.17	98%
1-Aug	23.8	8	0.34	71.51	98%
2-Aug	24.5	6	0.24	71.75	99%
3-Aug	23.8	5	0.21	71.96	99%
4-Aug	24.0	0	0.00	71.96	99%
5-Aug	10.2	1	0.10	72.06	99%
6-Aug	No Fishing		0.11	72.17	99%
7-Aug	24.3	3	0.12	72.30	99%
8-Aug	23.9	4	0.17	72.46	100%
9-Aug	24.2	2	0.08	72.55	100%
10-Aug	23.8	2	0.08	72.63	100%
11-Aug	No Fishing		0.04	72.67	100%
12-Aug	23.8	0	0.00	72.67	100%
13-Aug	No Fishing		0.02	72.69	100%
14-Aug	24.0	1	0.04	72.74	100%
15-Aug			0.00	72.74	100%
16-Aug			0.00	72.74	100%
17-Aug			0.00	72.74	100%
18-Aug			0.00	72.74	100%
19-Aug			0.00	72.74	100%
20-Aug			0.00	72.74	100%
21-Aug			0.00	72.74	100%
22-Aug			0.00	72.74	100%
23-Aug			0.00	72.74	100%
24-Aug			0.00	72.74	100%
25-Aug			0.00	72.74	100%
26-Aug			0.00	72.74	100%
27-Aug			0.00	72.74	100%
28-Aug			0.00	72.74	100%
29-Aug			0.00	72.74	100%
30-Aug			0.00	72.74	100%
31-Aug			0.00	72.74	100%
1-Sep			0.00	72.74	100%
2-Sep			0.00	72.74	100%
3-Sep			0.00	72.74	100%
Totals	853.4	1,253			

Mean cumulative proportion date 7/20/1989

[a]counts begin the day the tenth pink was caught

1990 Pink Salmon[a]

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
30.0	15	0.50	0.50	1%
21.8	39	1.79	2.29	5%
23.8	20	0.84	3.13	8%
23.5	19	0.81	3.94	9%
24.2	26	1.07	5.01	12%
9.3	11	1.18	6.20	15%
No Fishing		0.88	7.07	17%
22.9	13	0.57	7.64	18%
24.3	17	0.70	8.34	20%
24.0	11	0.46	8.80	21%
23.8	10	0.42	9.22	22%
23.8	28	1.18	10.39	25%
9.9	7	0.71	11.10	27%
No Fishing		1.04	12.14	29%
24.1	33	1.37	13.51	32%
23.6	35	1.48	14.99	36%
24.3	32	1.32	16.31	39%
23.9	31	1.30	17.60	42%
23.8	44	1.85	19.45	47%
9.8	23	2.35	21.80	52%
No Fishing		2.22	24.02	58%
23.3	49	2.10	26.13	63%
24.0	34	1.42	27.54	66%
24.0	50	2.08	29.63	71%
23.9	56	2.34	31.97	77%
24.4	66	2.70	34.68	83%
9.7	33	3.40	38.08	91%
No Fishing		1.91	39.99	96%
23.7	10	0.42	40.41	97%
23.8	7	0.29	40.71	98%
24.3	4	0.16	40.87	98%
23.4	3	0.13	41.00	98%
24.4	3	0.12	41.12	99%
7.9	0	0.00	41.12	99%
No Fishing		0.06	41.18	99%
24.3	3	0.12	41.31	99%
24.0	2	0.08	41.39	99%
23.7	2	0.08	41.47	100%
23.9	0	0.00	41.47	100%
25.3	0	0.00	41.47	100%
7.5	0	0.00	41.47	100%
No Fishing		0.00	41.47	100%
23.2	0	0.00	41.47	100%
24.0	3	0.13	41.60	100%
24.0	0	0.00	41.60	100%
23.8	0	0.00	41.60	100%
23.8	1	0.04	41.64	100%
		0.00	41.64	100%
		0.00	41.64	100%
		0.00	41.64	100%
		0.00	41.64	100%
		0.00	41.64	100%
		0.00	41.64	100%
		0.00	41.64	100%
		0.00	41.64	100%
		0.00	41.64	100%
		0.00	41.64	100%
		0.00	41.64	100%
		0.00	41.64	100%
		0.00	41.64	100%
		0.00	41.64	100%
		0.00	41.64	100%
		0.00	41.64	100%
		0.00	41.64	100%
		0.00	41.64	100%
		0.00	41.64	100%
		0.00	41.64	100%
		0.00	41.64	100%
		0.00	41.64	100%
		0.00	41.64	100%
		0.00	41.64	100%
		0.00	41.64	100%
		0.00	41.64	100%
		0.00	41.64	100%
		0.00	41.64	100%
895.1	740			

Mean cumulative proportion date 7/14/1990

[a]counts begin the day the first pink was caught

1991 Pink Salmon[b]

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
23.6	5	0.21	0.21	1%
24.0	1	0.04	0.25	1%
24.0	7	0.29	0.55	3%
24.0	2	0.08	0.63	3%
24.0	12	0.50	1.13	6%
8.7	3	0.34	1.47	8%
No Fishing		0.34	1.81	9%
24.0	8	0.33	2.15	11%
24.0	17	0.71	2.85	15%
24.0	26	1.08	3.94	20%
23.9	7	0.29	4.23	22%
24.1	4	0.17	4.40	23%
8.5	5	0.59	4.98	26%
No Fishing		0.36	5.34	27%
23.9	3	0.13	5.47	28%
24.0	5	0.21	5.68	29%
24.2	16	0.66	6.34	33%
24.0	22	0.92	7.25	37%
24.0	4	0.17	7.42	38%
8.9	0	0.00	7.42	38%
No Fishing		0.35	7.77	40%
24.0	17	0.71	8.48	44%
24.0	22	0.92	9.40	48%
24.0	14	0.58	9.98	51%
23.8		0.00	9.98	51%
24.1	4	0.17	10.15	52%
9.0	4	0.44	10.59	55%
No Fishing		0.56	11.15	57%
23.9	16	0.67	11.82	61%
24.0	14	0.58	12.40	64%
24.0	15	0.63	13.03	67%
24.0	15	0.63	13.65	70%
24.0	20	0.83	14.49	75%
8.1	14	1.73	16.21	83%
No Fishing		1.08	17.29	89%
23.7	10	0.42	17.71	91%
24.0	9	0.38	18.09	93%
24.0	6	0.25	18.34	94%
24.2	2	0.08	18.42	95%
23.8	3	0.13	18.54	95%
9.1	3	0.33	18.87	97%
No Fishing		0.19	19.06	98%
23.9	1	0.04	19.10	98%
24.0	1	0.04	19.14	98%
24.0	1	0.04	19.19	99%
24.0	1	0.04	19.23	99%
24.0	0	0.00	19.23	99%
9.0	1	0.11	19.34	99%
No Fishing		0.06	19.39	100%
23.8	0	0.00	19.39	100%
24.0	0	0.00	19.39	100%
24.0	0	0.00	19.39	100%
24.0	1	0.04	19.44	100%
24.0	0	0.00	19.44	100%
8.5	0	0.00	19.44	100%
		0.00	19.44	100%
		0.00	19.44	100%
		0.00	19.44	100%
		0.00	19.44	100%
		0.00	19.44	100%
		0.00	19.44	100%
		0.00	19.44	100%
		0.00	19.44	100%
		0.00	19.44	100%
		0.00	19.44	100%
		0.00	19.44	100%
		0.00	19.44	100%
		0.00	19.44	100%
		0.00	19.44	100%
		0.00	19.44	100%
		0.00	19.44	100%
		0.00	19.44	100%
		0.00	19.44	100%
		0.00	19.44	100%
		0.00	19.44	100%
		0.00	19.44	100%
		0.00	19.44	100%
1,028.7	341			

Mean cumulative proportion date 7/24/1991

1992 Pink Salmon[b]

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
17.7	3	0.17	0.17	0%
23.8	5	0.21	0.38	0%
24.0	20	0.83	1.21	1%
24.0	12	0.50	1.71	2%
24.0	21	0.88	2.59	3%
24.2	24	0.99	3.58	4%
23.8	14	0.59	4.17	4%
24.0	27	1.13	5.29	5%
24.0	43	1.79	7.08	7%
24.0	29	1.21	8.29	9%
24.7	85	3.44	11.73	12%
23.3	60	2.58	14.31	15%
24.0	67	2.79	17.10	18%
24.1	39	1.62	18.72	19%
23.8	52	2.18	20.90	22%
24.0	55	2.29	23.20	24%
24.0	92	3.83	27.03	28%
25.0	113	4.52	31.55	33%
24.0	54	2.25	33.80	35%
23.0	115	5.00	38.80	40%
24.0	164	6.83	45.63	47%
24.0	98	4.08	49.72	52%
24.0	112	4.67	54.38	56%
24.0	111	4.63	59.01	61%
24.0	73	3.04	62.05	64%
6.8	20	2.94	64.99	67%
No Fishing		3.80	68.79	71%
27.3	127	4.65	73.44	76%
22.7	78	3.44	76.87	80%
24.0	62	2.58	79.46	82%
24.0	48	2.00	81.46	84%
24.4	44	1.80	83.26	86%
6.0	16	2.67	85.93	89%
No Fishing		1.96	87.89	91%
23.8	30	1.26	89.15	92%
23.9	22	0.92	90.07	93%
24.0	18	0.75	90.82	94%
24.0	8	0.33	91.16	94%
24.0	12	0.50	91.66	95%
6.2	3	0.48	92.14	95%
No Fishing		0.28	92.42	96%
23.8	2	0.08	92.51	96%
23.9	1	0.04	92.55	96%
24.0	1	0.04	92.59	96%
24.0	4	0.17	92.76	96%
24.0	1	0.04	92.80	96%
6.8	1	0.15	92.95	96%
No Fishing		0.20	93.15	97%
23.0	6	0.25	93.40	97%
24.0	9	0.38	93.78	97%
7.8	6	0.77	94.55	98%
15.6	3	0.19	94.74	98%
23.9	4	0.17	94.91	98%
6.8	1	0.15	95.05	98%
No Fishing		0.22	95.27	99%
23.8	7	0.29	95.57	99%
24.3	3	0.12	95.69	99%
23.8	2	0.08	95.77	99%
24.0	2	0.08	95.86	99%
24.0	1	0.04	95.90	99%
7.5	0	0.00	95.90	99%
No Fishing		0.04	95.94	99%
24.1	2	0.08	96.02	100%
24.0	1	0.04	96.07	100%
24.0	1	0.04	96.11	100%
24.0	1	0.04	96.15	100%
24.0	1	0.04	96.19	100%
7.2	1	0.14	96.33	100%
No Fishing		0.09	96.42	100%
23.5	1	0.04	96.46	100%
23.7	0	0.00	96.46	100%
24.0	0	0.00	96.46	100%
24.0	1	0.04	96.50	100%
1432.6	2,039			

Mean cumulative proportion date 7/14/1992

- continued -

199

Date	Hours Fished	Catch
14-Jun		
15-Jun		
16-Jun		
17-Jun		
18-Jun		
19-Jun		
20-Jun		
21-Jun		
22-Jun		
23-Jun		
24-Jun		
25-Jun	24.0	1
26-Jun	25.7	0
27-Jun	22.6	0
28-Jun	23.8	0
29-Jun	24.0	0
30-Jun	24.0	0
1-Jul	24.0	1
2-Jul	24.0	1
3-Jul	8.5	0
4-Jul	No Fishing	
5-Jul	23.7	4
6-Jul	24.0	4
7-Jul	24.0	5
8-Jul	24.0	10
9-Jul	24.0	11
10-Jul	9.0	1
11-Jul	No Fishing	
12-Jul	24.0	27
13-Jul	24.0	19
14-Jul	24.0	21
15-Jul	24.0	14
16-Jul	24.0	24
17-Jul	8.5	6
18-Jul	No Fishing	
19-Jul	24.0	1
20-Jul	24.0	0
21-Jul	24.0	2
22-Jul	24.0	0
23-Jul	24.0	1
24-Jul	8.5	1
25-Jul	No Fishing	
26-Jul	23.7	1
27-Jul	23.8	2
28-Jul	24.0	2
29-Jul	24.0	3
30-Jul	24.0	3
31-Jul	8.5	2
1-Aug	No Fishing	
2-Aug	23.5	3
3-Aug	24.0	8
4-Aug	24.0	4
5-Aug	24.0	0
6-Aug	24.0	1
7-Aug	8.5	0
8-Aug	No Fishing	
9-Aug	24.0	3
10-Aug	24.0	0
11-Aug	24.0	1
12-Aug	24.0	1
13-Aug	24.0	3
14-Aug	8.5	0
15-Aug	No Fishing	
16-Aug	23.5	1
17-Aug	24.0	1
18-Aug	24.0	0
19-Aug	24.0	1
20-Aug		
21-Aug		
22-Aug		
23-Aug		
24-Aug		
25-Aug		
26-Aug		
27-Aug		
28-Aug		
29-Aug		
30-Aug		
31-Aug		
1-Sep		
2-Sep		
3-Sep		
Totals	1,066.3	194

Mean cumulative

[a]counts begin the

[b]counts begin the

3 Pink Salmon[a]			1994 Pink Salmon[a]					1995 Pink Salmon[a]					1996 Pink Salmon[a,c]					1997 Pink Salmon[b]					
Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion	Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%	14-Jun			0.00	0.00	0%
0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%	15-Jun			0.00	0.00	0%
0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%	16-Jun			0.00	0.00	0%
0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%	24.0	3	0.13	0.13	0%	17-Jun			0.00	0.00	0%
0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%	24.0	3	0.13	0.25	0%	18-Jun			0.00	0.00	0%
0.00	0.00	0%	24.0	2	0.08	0.08	0%			0.00	0.00	0%	24.0	1	0.04	0.29	0%	19-Jun			0.00	0.00	0%
0.00	0.00	0%	24.0	1	0.04	0.13	0%			0.00	0.00	0%	24.0	2	0.08	0.38	0%	20-Jun			0.00	0.00	0%
0.00	0.00	0%	24.0	17	0.71	0.83	0%			0.00	0.00	0%	24.0	0	0.00	0.38	0%	21-Jun			0.00	0.00	0%
0.00	0.00	0%	24.0	39	1.63	2.46	1%			0.00	0.00	0%	24.0	1	0.04	0.42	0%	22-Jun			0.00	0.00	0%
0.00	0.00	0%	24.0	44	1.83	4.29	2%			0.00	0.00	0%	24.0	12	0.50	0.92	1%	23-Jun			0.00	0.00	0%
0.00	0.00	0%	24.0	32	1.33	5.63	2%			0.00	0.00	0%	24.0	18	0.75	1.67	1%	24-Jun			0.00	0.00	0%
0.04	0.04	0%	24.0	44	1.83	7.46	3%			0.00	0.00	0%	24.0	24	1.00	2.67	2%	25-Jun			0.00	0.00	0%
0.00	0.04	0%	24.0	52	2.17	9.63	4%			0.00	0.00	0%	24.0	26	1.08	3.75	3%	26-Jun			0.00	0.00	0%
0.00	0.04	0%	24.0	70	2.92	12.54	5%			0.00	0.00	0%	24.0	66	2.75	6.50	6%	27-Jun			0.00	0.00	0%
0.00	0.04	0%	24.0	47	1.96	14.50	5%			0.00	0.00	0%	24.0	49	2.04	8.54	7%	28-Jun			0.00	0.00	0%
0.00	0.04	0%	24.0	69	2.88	17.38	7%			0.00	0.00	0%	8.0	10	1.25	9.79	8%	29-Jun			0.00	0.00	0%
0.00	0.04	0%	24.0	116	4.83	22.21	8%			0.00	0.00	0%	No Fishing		0.83	10.63	9%	30-Jun			0.00	0.00	0%
0.04	0.08	1%	24.0	87	3.63	25.83	10%			0.00	0.00	0%	24.0	10	0.42	11.04	10%	1-Jul			0.00	0.00	0%
0.04	0.13	1%	24.0	82	3.42	29.25	11%			0.00	0.00	0%	24.0	19	0.79	11.83	10%	2-Jul			0.00	0.00	0%
0.00	0.13	1%	24.0	93	3.88	33.13	13%			0.00	0.00	0%	24.0	34	1.42	13.25	11%	3-Jul			0.00	0.00	0%
0.08	0.21	2%	24.0	106	4.42	37.54	14%			0.00	0.00	0%	24.0	42	1.75	15.00	13%	4-Jul	24.0	4	0.17	0.17	1%
0.17	0.38	4%	24.0	155	6.46	44.00	17%			0.00	0.00	0%	24.0	53	2.21	17.21	15%	5-Jul	8.0	1	0.13	0.29	1%
0.17	0.54	5%	24.0	200	8.33	52.33	20%			0.00	0.00	0%	8.0	38	4.75	21.96	19%	6-Jul	No Fishing		0.15	0.44	2%
0.21	0.75	7%	15.0	116	7.73	60.07	23%			0.00	0.00	0%	No Fishing		4.04	26.00	23%	7-Jul	24.0	4	0.17	0.60	2%
0.42	1.17	11%	15.0	140	9.33	69.40	26%			0.00	0.00	0%	24.0	80	3.33	29.33	25%	8-Jul	24.0	7	0.29	0.90	4%
0.46	1.63	16%	9.0	95	10.56	79.96	30%			0.00	0.00	0%	24.0	98	4.08	33.42	29%	9-Jul	24.0	2	0.08	0.98	4%
0.11	1.74	17%	No Fishing		11.13	91.08	34%			0.00	0.00	0%	24.0	153	6.38	39.79	34%	10-Jul	24.0	2	0.08	1.06	4%
0.62	2.36	23%	23.5	275	11.70	102.79	39%	24.0	2	0.08	0.08	1%	24.0	95	3.96	43.75	38%	11-Jul	24.0	4	0.17	1.23	5%
1.13	3.48	34%	15.0	196	13.07	115.85	44%	24.0	9	0.38	0.46	3%	24.0	96	4.00	47.75	41%	12-Jul	8.0	4	0.50	1.73	7%
0.79	4.27	42%	15.0	187	12.47	128.32	48%	24.0	5	0.21	0.67	5%	8.0	37	4.63	52.38	45%	13-Jul	No Fishing		0.52	2.25	9%
0.88	5.15	50%	15.0	296	19.73	148.05	56%	24.0	10	0.42	1.08	8%	No Fishing		4.50	56.88	49%	14-Jul	24.0	13	0.54	2.77	11%
0.58	5.73	56%	15.0	182	12.13	160.19	61%	8.5	9	1.06	2.14	16%	24.0	105	4.38	61.25	53%	15-Jul	24.0	14	0.58	3.38	14%
1.00	6.73	66%	8.0	114	14.25	174.44	66%	No Fishing		0.89	3.03	22%	24.0	103	4.29	65.54	57%	16-Jul	24.0	23	0.96	4.33	17%
0.71	7.44	72%	No Fishing		10.23	184.66	70%	23.5	17	0.72	3.76	28%	24.0	66	2.75	68.29	59%	17-Jul	24.0	27	1.13	5.46	22%
0.37	7.81	76%	15.0	93	6.20	190.86	72%	24.0	13	0.54	4.30	32%	24.0	90	3.75	72.04	62%	18-Jul	24.0	24	1.00	6.46	26%
0.04	7.85	77%	15.0	88	5.87	196.73	74%	24.0	6	0.25	4.55	34%	24.0	98	4.08	76.13	66%	19-Jul	8.0	13	1.63	8.08	32%
0.00	7.85	77%	15.0	112	7.47	204.19	77%	24.0	8	0.33	4.88	36%	8.0	20	2.50	78.63	68%	20-Jul	No Fishing		1.48	9.56	38%
0.08	7.94	77%	15.0	102	6.80	210.99	80%	24.0	27	1.13	6.01	44%	No Fishing		2.42	81.04	70%	21-Jul	24.0	32	1.33	10.90	44%
0.00	7.94	77%	15.0	97	6.47	217.46	82%	8.0	7	0.88	6.88	51%	24.0	56	2.33	83.38	72%	22-Jul	24.0	32	1.33	12.23	49%
0.04	7.98	78%	8.0	100	12.50	229.96	87%	No Fishing		0.46	7.34	54%	24.0	47	1.96	85.33	74%	23-Jul	24.0	40	1.67	13.90	56%
0.12	8.10	79%	No Fishing		9.15	239.11	90%	24.0	1	0.04	7.38	54%	24.0	22	0.92	86.25	75%	24-Jul	24.0	28	1.17	15.06	60%
0.08	8.18	80%	15.0	87	5.80	244.91	93%	24.0	8	0.33	7.72	57%	24.0	39	1.63	87.88	76%	25-Jul	24.0	32	1.33	16.40	66%
0.04	8.22	80%	15.0	58	3.87	248.78	94%	24.0	2	0.08	7.80	57%	24.0	17	0.71	88.58	77%	26-Jul	8.0	10	1.25	17.65	71%
0.08	8.30	81%	15.0	73	4.87	253.64	96%	24.0	1	0.04	7.84	58%	8.0	15	1.88	90.46	78%	27-Jul	No Fishing		1.13	18.77	75%
0.08	8.39	82%	15.0	47	3.13	256.78	97%	24.0	4	0.17	8.01	59%	No Fishing		1.96	92.42	80%	28-Jul	24.0	24	1.00	19.77	79%
0.13	8.51	83%	15.0	38	2.53	259.31	98%	8.0	8	1.00	9.01	66%	24.0	49	2.04	94.46	82%	29-Jul	24.0	36	1.50	21.27	85%
0.13	8.64	84%	8.5	13	1.53	260.84	99%	No Fishing		0.63	9.63	71%	24.0	43	1.79	96.25	83%	30-Jul	24.0	25	1.04	22.31	89%
0.24	8.87	86%	No Fishing		1.42	262.27	99%	24.0	6	0.25	9.88	73%	24.0	152	6.33	102.58	89%	31-Jul	24.0	17	0.71	23.02	92%
0.18	9.05	88%	23.5	31	1.32	263.58	100%	24.0	11	0.46	10.34	76%	24.0	21	0.88	103.46	90%	1-Aug	24.0	7	0.29	23.31	93%
0.13	9.18	89%	24.0	11	0.46	264.04	100%	24.0	12	0.50	10.84	80%	24.0	12	0.50	103.96	90%	2-Aug	8.0	2	0.25	23.56	94%
0.33	9.51	93%	24.0	1	0.04	264.08	100%	24.0	15	0.63	11.47	84%	No Fishing		0.96	104.92	91%	3-Aug	No Fishing		0.29	23.85	96%
0.17	9.68	94%	24.0	1	0.04	264.13	100%	24.0	15	0.63	12.09	89%	No Fishing		0.96	105.88	92%	4-Aug	24.0	10	0.42	24.27	97%
0.00	9.68	94%	24.0	0	0.00	264.13	100%	8.0	2	0.25	12.34	91%	24.0	34	1.42	107.29	93%	5-Aug	24.0	8	0.33	24.60	99%
0.04	9.72	95%	8.5	0	0.00	264.13	100%	No Fishing		0.25	12.59	93%	24.0	72	3.00	110.29	95%	6-Aug	24.0	6	0.25	24.85	100%
0.00	9.72	95%	No Fishing		0.02	264.15	100%	24.0	6	0.25	12.84	95%	24.0	41	1.71	112.00	97%	7-Aug	24.0	0	0.00	24.85	100%
0.06	9.78	95%	23.5	1	0.04	264.19	100%	24.0	7	0.29	13.13	97%	24.0	3	0.13	112.13	97%	8-Aug	24.0	1	0.04	24.90	100%
0.13	9.91	97%	24.0	2	0.08	264.27	100%	24.0	6	0.25	13.38	99%	24.0	12	0.50	112.63	97%	9-Aug	8.0	0	0.00	24.90	100%
0.00	9.91	97%	24.0	2	0.08	264.36	100%	24.0	0	0.00	13.38	99%	8.0	7	0.88	113.50	98%	10-Aug	No Fishing		0.00	24.90	100%
0.04	9.95	97%	24.0	1	0.04	264.40	100%	24.0	0	0.00	13.38	99%	No Fishing		0.67	114.17	99%	11-Aug	24.0	0	0.00	24.90	100%
0.04	9.99	97%	24.0	0	0.00	264.40	100%	8.0	0	0.00	13.38	99%	24.0	11	0.46	114.63	99%	12-Aug	24.0	0	0.00	24.90	100%
0.13	10.12	99%	8.0	1	0.13	264.52	100%	No Fishing		0.02	13.40	99%	24.0	2	0.08	114.71	99%	13-Aug	24.0	0	0.00	24.90	100%
0.00	10.12	99%	No Fishing		0.06	264.59	100%	24.0	1	0.04	13.44	99%	24.0	0	0.00	114.71	99%	14-Aug	24.0	1	0.04	24.94	100%
0.02	10.14	99%	23.5	0	0.00	264.59	100%	24.0	0	0.00	13.44	99%	24.0	2	0.08	114.79	99%	15-Aug	24.0	0	0.00	24.94	100%
0.04	10.18	99%			0.00	264.59	100%	24.0	0	0.00	13.44	99%	24.0	2	0.08	114.88	99%	16-Aug	8.0	0	0.00	24.94	100%
0.04	10.22	100%			0.00	264.59	100%	24.0	1	0.04	13.49	99%	8.0	1	0.13	115.00	100%	17-Aug	No Fishing		0.00	24.94	100%
0.00	10.22	100%			0.00	264.59	100%	24.0	2	0.08	13.57	100%	No Fishing		0.06	115.06	100%	18-Aug	24.0	0	0.00	24.94	100%
0.04	10.26	100%			0.00	264.59	100%			0.00	13.57	100%	24.0	0	0.00	115.06	100%	19-Aug	24.0	0	0.00	24.94	100%
0.00	10.26	100%			0.00	264.59	100%			0.00	13.57	100%	24.0	0	0.00	115.06	100%	20-Aug	24.0	0	0.00	24.94	100%
0.00	10.26	100%			0.00	264.59	100%			0.00	13.57	100%	24.0	2	0.08	115.15	100%	21-Aug	24.0	0	0.00	24.94	100%
0.00	10.26	100%			0.00	264.59	100%			0.00	13.57	100%	24.0	1	0.04	115.19	100%	22-Aug	24.0	0	0.00	24.94	100%
0.00	10.26	100%			0.00	264.59	100%			0.00	13.57	100%	24.0	2	0.08	115.27	100%	23-Aug	8.0	0	0.00	24.94	100%
0.00	10.26	100%			0.00	264.59	100%			0.00	13.57	100%	8.0	0	0.00	115.27	100%	24-Aug	No Fishing		0.00	24.94	100%
0.00	10.26	100%			0.00	264.59	100%			0.00	13.57	100%	No Fishing		0.02	115.29	100%	25-Aug	24.0	0	0.00	24.94	100%
0.00	10.26	100%			0.00	264.59	100%			0.00	13.57	100%	24.0	1	0.04	115.33	100%	26-Aug	24.0	0	0.00	24.94	100%
0.00	10.26	100%			0.00	264.59	100%			0.00	13.57	100%	24.0	0	0.00	115.33	100%	27-Aug	24.0	0	0.00	24.94	100%
0.00	10.26	100%			0.00	264.59	100%			0.00	13.57	100%	24.0	2	0.08	115.42	100%	28-Aug	24.0	0	0.00	24.94	100%
0.00	10.26	100%			0.00	264.59	100%			0.00	13.57	100%	24.0	0	0.00	115.42	100%	29-Aug	24.0	0	0.00	24.94	100%
0.00	10.26	100%			0.00	264.59	100%			0.00	13.57	100%	24.0	0	0.00	115.42	100%	30-Aug	8.0	0	0.00	24.94	100%
0.00	10.26	100%			0.00	264.59	100%			0.00	13.57	100%	8.0	0	0.00	115.42	100%	31-Aug	No Fishing		0.00	24.94	100%
0.00	10.26	100%			0.00	264.59	100%			0.00	13.57	100%	No Fishing		0.02	115.44	100%	1-Sep	16.0	0	0.00	24.94	100%
0.00	10.26	100%			0.00	264.59	100%			0.00	13.57	100%	24.0	1	0.04	115.48	100%	2-Sep	No Fishing		0.00	24.94	100%
0.00	10.26	100%			0.00	264.59	100%			0.00	13.57	100%	24.0	1	0.04	115.52	100%	3-Sep	16.0	0	0.00	24.94	100%
			1,008.0	3,816				736.0	221				1,488.0	2,122				Totals	1,088.0	453			

e proportion date 7/14/1993

Mean cumulative proportion date 7/14/1994

Mean cumulative proportion date 7/22/1995

Mean cumulative proportion date 7/14/1996

Mean cumulative proportion date 7/23/1997

day the tenth pink was caught
day the first pink was caught

[c] Fishing continued to 9/11/96 and 2 more pink salmon were caught.

[a] counts begin the day the tenth pink was caught
[b] counts begin the day the first pink was caught

- continued -

1998 Pink Salmon*

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
24.0	3	0.13	0.13	0%
24.0	8	0.33	0.46	2%
24.0	6	0.25	0.71	3%
24.0	12	0.50	1.21	5%
24.0	17	0.71	1.92	7%
24.0	14	0.58	2.50	10%
24.0	17	0.71	3.21	12%
24.0	16	0.67	3.88	15%
24.0	23	0.96	4.83	19%
24.0	41	1.71	6.54	25%
24.0	20	0.83	7.38	29%
24.0	15	0.63	8.00	31%
24.0	13	0.54	8.54	33%
24.0	39	1.63	10.17	39%
8.0	19	2.38	12.54	49%
No Fishing		1.92	14.46	56%
24.0	35	1.46	15.92	62%
24.0	20	0.83	16.75	65%
24.0	19	0.79	17.54	68%
24.0	26	1.08	18.63	72%
24.0	15	0.63	19.25	75%
8.0	8	1.00	20.25	79%
No Fishing		0.83	21.08	82%
24.0	16	0.67	21.75	84%
24.0	8	0.33	22.08	86%
24.0	5	0.21	22.29	86%
24.0	3	0.13	22.42	87%
24.0	5	0.21	22.63	88%
8.0	1	0.13	22.75	88%
No Fishing		0.19	22.94	89%
24.0	6	0.25	23.19	90%
24.0	1	0.04	23.23	90%
24.0	4	0.17	23.40	91%
24.0	8	0.33	23.73	92%
24.0	1	0.04	23.77	92%
8.0	0	0.00	23.77	92%
No Fishing		0.10	23.88	93%
24.0	5	0.21	24.08	93%
24.0	2	0.08	24.17	94%
24.0	4	0.17	24.33	94%
24.0	1	0.04	24.38	95%
24.0	7	0.29	24.67	96%
8.0	1	0.13	24.79	96%
No Fishing		0.08	24.88	96%
24.0	1	0.04	24.92	97%
24.0	1	0.04	24.96	97%
24.0	3	0.13	25.08	97%
24.0	1	0.04	25.13	97%
24.0	5	0.21	25.33	98%
8.0	1	0.13	25.46	99%
No Fishing		0.13	25.58	99%
24.0	3	0.13	25.71	100%
24.0	2	0.08	25.79	100%
24.0	0	0.00	25.79	100%
24.0	0	0.00	25.79	100%
24.0	0	0.00	25.79	100%
8.0	0	0.00	25.79	100%
No Fishing		0.00	25.79	100%
24.0	0	0.00	25.79	100%
24.0	0	0.00	25.79	100%
24.0	0	0.00	25.79	100%
24.0	0	0.00	25.79	100%
8.0	0	0.00	25.79	100%
No Fishing		0.00	25.79	100%
24.0	0	0.00	25.79	100%
24.0	0	0.00	25.79	100%
24.0	0	0.00	25.79	100%
24.0	0	0.00	25.79	100%
1,336.0	481			

Mean cumulative proportion date 7/12/1998

1999 Pink Salmon*

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion
19	0	0.00	0.00	0%
24	0	0.00	0.00	0%
24	0	0.00	0.00	0%
24	0	0.00	0.00	0%
24	0	0.00	0.00	0%
24	0	0.00	0.00	0%
24	0	0.00	0.00	0%
24	0	0.00	0.00	0%
24	0	0.00	0.00	0%
24	2	0.08	0.08	1%
24	0	0.00	0.08	1%
24	1	0.04	0.13	1%
24	0	0.00	0.13	1%
24	0	0.00	0.13	1%
24	0	0.00	0.13	1%
24	3	0.13	0.25	2%
24	0	0.00	0.25	2%
24	1	0.04	0.29	2%
24	1	0.04	0.33	2%
24	5	0.21	0.54	3%
24	2	0.08	0.63	4%
24	3	0.13	0.75	5%
24	13	0.54	1.29	8%
24	22	0.92	2.21	13%
24	24	1.00	3.21	20%
24	15	0.63	3.83	23%
24	18	0.75	4.58	28%
8	0	0.00	4.58	28%
No Fishing		0.00	4.58	28%
24	0	0.00	4.58	28%
24	47	1.96	6.54	40%
24	19	0.79	7.33	45%
24	28	1.17	8.50	52%
24	12	0.50	9.00	55%
8	1	0.13	9.13	56%
No Fishing		0.10	9.23	56%
24	2	0.08	9.31	57%
24	8	0.33	9.65	59%
24	11	0.46	10.10	62%
24	8	0.33	10.44	64%
24	7	0.29	10.73	65%
8	5	0.63	11.35	69%
No Fishing		0.63	11.98	73%
24	15	0.63	12.60	77%
24	36	1.50	14.10	86%
24	21	0.88	14.98	91%
24	10	0.42	15.40	94%
24	10	0.42	15.81	96%
8	1	0.13	15.94	97%
No Fishing		0.08	16.02	98%
24	1	0.04	16.06	98%
24	2	0.08	16.15	98%
24	2	0.08	16.23	99%
24	1	0.04	16.27	99%
24	1	0.04	16.31	99%
8	0	0.00	16.31	99%
No Fishing		0.00	16.31	99%
24	0	0.00	16.31	99%
24	2	0.08	16.40	100%
24	0	0.00	16.40	100%
24	0	0.00	16.40	100%
24	0	0.00	16.40	100%
8	0	0.00	16.40	100%
No Fishing		0.00	16.40	100%
24	0	0.00	16.40	100%
24	0	0.00	16.40	100%
24	0	0.00	16.40	100%
24	0	0.00	16.40	100%
24	0	0.00	16.40	100%
8	0	0.00	16.40	100%
No Fishing		0.00	16.40	100%
24	0	0.00	16.40	100%
24	0	0.00	16.40	100%
24	0	0.00	16.40	100%
24	0	0.00	16.40	100%
24	0	0.00	16.40	100%
1,515	360			

Mean cumulative proportion date 7/22/1999

2000 Pink Salmon*

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion
18	0	0.00	0.00	0%
24	0	0.00	0.00	0%
24	0	0.00	0.00	0%
24	0	0.00	0.00	0%
24	1	0.04	0.04	0%
24	2	0.08	0.13	1%
24	2	0.08	0.21	2%
24	2	0.08	0.29	3%
24	1	0.04	0.33	3%
24	3	0.13	0.46	5%
24	6	0.25	0.71	7%
24	4	0.17	0.88	9%
24	5	0.21	1.08	11%
24	4	0.17	1.25	12%
24	6	0.25	1.50	15%
24	22	0.92	2.42	24%
24	26	1.08	3.50	34%
24	18	0.75	4.25	42%
24	2	0.08	4.33	43%
24	4	0.17	4.50	44%
24	6	0.25	4.75	47%
24	6	0.25	5.00	49%
24	4	0.17	5.17	51%
24	1	0.04	5.21	51%
24	2	0.08	5.29	52%
No Fishing		0.35	5.65	55%
24	15	0.63	6.27	62%
24	7	0.29	6.56	64%
24	2	0.08	6.65	65%
24	2	0.08	6.73	66%
24	4	0.17	6.90	68%
8	2	0.25	7.15	70%
No Fishing		0.40	7.54	74%
24	13	0.54	8.08	79%
24	5	0.21	8.29	81%
24	3	0.13	8.42	83%
24	6	0.25	8.67	85%
24	4	0.17	8.83	87%
8	1	0.13	8.96	88%
No Fish		0.06	9.02	89%
24	0	0.00	9.02	89%
24	5	0.21	9.23	91%
24	0	0.00	9.23	91%
24	5	0.21	9.44	93%
24	2	0.08	9.52	93%
24	0	0.00	9.52	93%
No Fishing		0.00	9.52	93%
24	0	0.00	9.52	93%
24	1	0.04	9.56	94%
24	1	0.04	9.61	94%
24	0	0.00	9.61	94%
24	0	0.00	9.61	94%
8	1	0.13	9.73	96%
No Fishing		0.06	9.79	96%
24	0	0.00	9.79	96%
24	2	0.08	9.88	97%
24	0	0.00	9.88	97%
24	0	0.00	9.88	97%
24	0	0.00	9.88	97%
24	0	0.00	9.88	97%
8	0	0.00	9.88	97%
No Fish	0	0.04	9.92	97%
24	2	0.08	10.00	98%
24	0	0.00	10.00	98%
24	0	0.00	10.00	98%
24	0	0.00	10.00	98%
8	0	0.00	10.00	98%
No Fishing		0.00	10.00	98%
24	0	0.00	10.00	98%
24	0	0.00	10.00	98%
24	0	0.00	10.00	98%
24	0	0.00	10.00	98%
8	1	0.13	10.13	99%
No Fishing		0.06	10.19	100%
24	0	0.00	10.19	100%
24	0	0.00	10.19	100%
24	0	0.00	10.19	100%
24	0	0.00	10.19	100%
24	0	0.00	10.19	100%
8	0	0.00	10.19	100%
No Fishing		0.00	10.19	100%
1,634	211			

Mean cumulative proportion date 7/6/2000

Appendix Table 3. (Page 6 of 6).

2001 Pink Salmon*

Pink Salmon

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion	Average Cumulative CPUE 1982-2000	Average Cumulative CPUE 1983-1999	Average Cumulative Proportion 1982-2000	Average Cumulative Proportion 1983-1999
14-Jun					0%	0.00	0.00	0%	0%
15-Jun	16.5	0	0.00	0.00	0%	0.00	0.00	0%	0%
16-Jun	24	0	0.00	0.00	0%	0.00	0.00	0%	0%
17-Jun	24	0	0.00	0.00	0%	0.07	0.00	0%	0%
18-Jun	24	0	0.00	0.00	0%	0.17	0.00	0%	0%
19-Jun	24	0	0.00	0.00	0%	0.27	0.00	0%	0%
20-Jun	24	0	0.00	0.00	0%	0.54	0.00	1%	0%
21-Jun	24	0	0.00	0.00	0%	0.77	0.00	1%	0%
22-Jun	24	0	0.00	0.00	0%	1.14	0.00	2%	0%
23-Jun	24	0	0.00	0.00	0%	1.60	0.00	3%	0%
24-Jun	24	0	0.00	0.00	0%	2.24	0.00	4%	0%
25-Jun	24	0	0.00	0.00	0%	3.34	0.00	6%	0%
26-Jun	24	0	0.00	0.00	0%	4.37	0.00	8%	0%
27-Jun	24	0	0.00	0.00	0%	5.94	0.00	10%	0%
28-Jun	24	0	0.00	0.00	0%	7.10	0.00	12%	0%
29-Jun	24	0	0.00	0.00	0%	8.20	0.13	14%	1%
30-Jun	24	0	0.00	0.00	0%	9.59	0.30	18%	2%
1-Jul	24	0	0.00	0.00	0%	11.43	0.56	21%	3%
2-Jul	24	1	0.04	0.04	0%	13.38	0.71	24%	4%
3-Jul	24	0	0.00	0.04	0%	15.29	0.80	27%	4%
4-Jul	24	1	0.04	0.08	0%	16.88	0.95	29%	5%
5-Jul	24	0	0.00	0.08	0%	18.59	1.20	32%	6%
6-Jul	24	0	0.00	0.08	0%	20.59	1.33	35%	8%
7-Jul	24	2	0.08	0.17	1%	22.12	1.50	38%	10%
8-Jul	24	0	0.00	0.17	1%	25.03	1.74	40%	13%
9-Jul	24	0	0.00	0.17	1%	26.82	2.05	43%	14%
10-Jul	24	6	0.25	0.42	2%	28.33	2.40	47%	16%
11-Jul	24	2	0.08	0.50	2%	31.58	2.75	51%	18%
12-Jul	24	9	0.38	0.88	4%	33.94	3.32	55%	21%
13-Jul	24	23	0.96	1.83	9%	36.66	3.88	58%	24%
14-Jul	24	22	0.92	2.75	13%	38.89	4.52	62%	28%
15-Jul	24	21	0.88	3.63	17%	41.19	5.60	65%	31%
16-Jul	24	19	0.79	4.42	21%	43.49	6.78	69%	36%
17-Jul	24	28	1.17	5.58	26%	45.42	7.89	72%	42%
18-Jul	24	30	1.25	6.83	32%	47.61	8.84	75%	47%
19-Jul	24	19	0.79	7.63	36%	49.68	10.08	78%	50%
20-Jul	24	54	2.25	9.88	47%	51.67	11.46	81%	56%
21-Jul	7	18	2.57	12.45	59%	53.54	12.73	84%	63%
22-Jul	No Fishing			1.47	13.92	66%	54.81	14.04	85%	69%
23-Jul	24	9	0.38	14.30	67%	55.72	14.98	87%	73%
24-Jul	24	7	0.29	14.59	69%	56.57	15.50	88%	75%
25-Jul	24	7	0.29	14.88	70%	57.44	15.93	90%	77%
26-Jul	24	8	0.33	15.21	72%	58.11	16.39	91%	78%
27-Jul	24	12	0.50	15.71	74%	58.72	16.93	92%	80%
28-Jul	24	4	0.17	15.88	75%	59.16	17.32	93%	81%
29-Jul	No Fishing			0.25	16.13	76%	59.60	17.89	94%	84%
30-Jul	24	8	0.33	16.46	78%	59.94	18.28	94%	86%
31-Jul	24	18	0.75	17.21	81%	60.78	18.57	95%	87%
1-Aug	24	26	1.08	18.30	86%	61.04	18.85	95%	89%
2-Aug	24	16	0.67	18.96	90%	61.20	19.14	96%	90%
3-Aug	24	19	0.79	19.75	93%	61.41	19.66	96%	93%
4-Aug	8	2	0.25	20.00	94%	61.60	20.02	96%	95%
5-Aug	No Fishing			0.19	20.19	95%	61.86	20.20	97%	96%
6-Aug	23	3	0.13	20.32	96%	62.16	20.36	97%	97%
7-Aug	24	5	0.21	20.53	97%	62.55	20.44	98%	98%
8-Aug	24	2	0.08	20.62	97%	62.62	20.52	98%	98%
9-Aug	24	0	0.00	20.62	97%	62.73	20.59	98%	99%
10-Aug	24	4	0.17	20.78	98%	62.89	20.65	98%	99%
11-Aug	8	0	0.00	20.78	98%	63.05	20.69	99%	99%
12-Aug	No Fishing			0.00	20.78	98%	63.21	20.70	99%	99%
13-Aug	24	0	0.00	20.78	98%	63.25	20.74	99%	99%
14-Aug	24	2	0.04	20.82	98%	63.31	20.76	99%	99%
15-Aug	24	2	0.08	20.91	99%	63.38	20.78	99%	100%
16-Aug	24	0	0.00	20.91	99%	63.44	20.79	99%	100%
17-Aug	24	1	0.04	20.95	99%	63.50	20.83	100%	100%
18-Aug	8	0	0.00	20.95	99%	63.53	20.84	100%	100%
19-Aug	No Fishing			0.00	20.95	99%	63.55	20.85	100%	100%
20-Aug		0	0.02	20.97	99%	63.56	20.85	100%	100%
21-Aug	24	1	0.04	21.01	99%	63.58	20.85	100%	100%
22-Aug	24	4	0.17	21.18	100%	63.58	20.85	100%	100%
23-Aug	24	0	0.00	21.18	100%	63.59	20.85	100%	100%
24-Aug	24	0	0.00	21.18	100%	63.60	20.85	100%	100%
25-Aug	8	0	0.00	21.18	100%	63.61	20.85	100%	100%
26-Aug	No Fishing			0.00	21.18	100%	63.63	20.85	100%	100%
27-Aug	24	0	0.00	21.18	100%	63.65	20.85	100%	100%
28-Aug	24	0	0.00	21.18	100%	63.66	20.85	100%	100%
29-Aug	24	0	0.00	21.18	100%	63.67	20.85	100%	100%
30-Aug	24	0	0.00	21.18	100%	63.68	20.85	100%	100%
31-Aug	24	0	0.00	21.18	100%	63.69	20.85	100%	100%
1-Sep	8	0	0.00	21.18	100%	63.69	20.85	100%	100%
2-Sep	No Fishing			0.00	21.18	100%	63.70	20.85	100%	100%
3-Sep	24	0	0.00	21.18	100%	63.71	20.85	100%	100%
Totals	1,623	415							

Mean cumulative proportion date 7/21/2001

*counts begin the day the first pink was caught

Appendix Table 4. Test fishing catches of chum salmon in 5 7/8" mesh set gillnet, Unalakleet River, Norton Sound, 1981-2001.

	1981 Chum Salmon*					1982 Chum Salmon*					1983 Chum Salmon*					1984 Chum Salmon*					1985 Chum Salmon*				
Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
5-Jun																									
6-Jun																									
7-Jun																									
8-Jun			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
9-Jun			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
10-Jun			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
11-Jun			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
12-Jun			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
13-Jun			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
14-Jun			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
15-Jun			0.00	0.00	0%			0.00	0.00	0%	11.6	4	0.34	0.34	0%			0.00	0.00	0%			0.00	0.00	0%
16-Jun			0.00	0.00	0%			0.00	0.00	0%	No Fishing		0.30	0.65	1%			0.00	0.00	0%			0.00	0.00	0%
17-Jun			0.00	0.00	0%			0.00	0.00	0%	11.6	3	0.26	0.91	1%			0.00	0.00	0%			0.00	0.00	0%
18-Jun			0.00	0.00	0%	24.0	9	0.38	0.38	1%	No Fishing		0.38	1.29	2%			0.00	0.00	0%			0.00	0.00	0%
19-Jun			0.00	0.00	0%	No Fishing		0.60	0.98	2%	11.8	6	0.51	1.80	2%			0.00	0.00	0%			0.00	0.00	0%
20-Jun			0.00	0.00	0%	12.0	10	0.83	1.81	3%	No Fishing		0.25	2.05	3%			0.00	0.00	0%			0.00	0.00	0%
21-Jun			0.00	0.00	0%	No Fishing		0.75	2.56	4%	11.8	0	0.00	2.05	3%			0.00	0.00	0%			0.00	0.00	0%
22-Jun			0.00	0.00	0%	12.0	8	0.67	3.23	6%	11.7	10	0.85	2.91	4%			0.00	0.00	0%			0.00	0.00	0%
23-Jun			0.00	0.00	0%	12.0	2	0.17	3.40	6%	No Fishing		0.56	3.46	4%			0.00	0.00	0%			0.00	0.00	0%
24-Jun			0.00	0.00	0%	No Fishing		0.21	3.61	6%	11.6	3	0.26	3.72	5%			0.00	0.00	0%	23.9	17	0.71	0.71	2%
25-Jun			0.00	0.00	0%	11.9	3	0.25	3.86	7%	No Fishing		0.59	4.31	5%	24.2	17	0.70	0.70	1%	25.3	22	0.87	1.58	4%
26-Jun			0.00	0.00	0%	No Fishing		1.08	4.93	9%	11.9	11	0.92	5.24	7%	No Fishing		0.94	1.65	3%	23.0	32	1.39	2.97	7%
27-Jun			0.00	0.00	0%	12.1	23	1.90	6.83	12%	No Fishing		0.89	6.12	8%	24.5	29	1.18	2.83	5%	25.5	22	0.86	3.83	9%
28-Jun			0.00	0.00	0%	No Fishing		1.40	8.24	14%	11.8	10	0.85	6.97	9%	No Fishing		1.15	3.97	7%	23.7	19	0.80	4.64	10%
29-Jun			0.00	0.00	0%	12.2	11	0.90	9.14	16%	11.5	13	1.13	8.10	10%	24.4	27	1.11	5.08	9%	24.1	29	1.20	5.84	13%
30-Jun			0.00	0.00	0%	13.5	13	0.96	10.10	17%	No Fishing		0.90	9.00	11%	No Fishing		1.37	6.45	12%	23.7	37	1.56	7.40	17%
1-Jul			0.00	0.00	0%	No Fishing		1.19	11.29	20%	11.9	8	0.67	9.67	12%	No Fishing		1.37	7.83	14%	9.8	20	2.04	9.44	21%
2-Jul			0.00	0.00	0%	12.0	17	1.42	12.71	22%	No Fishing		1.05	10.73	14%	23.8	39	1.64	9.46	17%	7.0	34	4.86	14.30	32%
3-Jul			0.00	0.00	0%	No Fishing		1.45	14.16	24%	11.9	17	1.43	12.15	15%	No Fishing		1.47	10.93	20%	24.0	38	1.58	15.88	35%
4-Jul			0.00	0.00	0%	13.5	20	1.48	15.64	27%	No Fishing		1.26	13.41	17%	24.0	31	1.29	12.22	22%	23.8	36	1.51	17.39	39%
5-Jul			0.00	0.00	0%	No Fishing		0.91	16.54	29%	11.9	13	1.09	14.51	18%	No Fishing		1.81	14.03	25%	23.9	19	0.79	18.19	41%
6-Jul			0.00	0.00	0%	12.0	4	0.33	16.88	29%	12.0	17	1.42	15.92	20%	24.1	56	2.32	16.35	29%	9.2	7	0.76	18.95	42%
7-Jul			0.00	0.00	0%	5.5	12	2.18	19.06	33%	No Fishing		1.00	16.92	21%	No Fishing		2.20	18.55	33%	No Fishing		1.20	20.15	45%
8-Jul			0.00	0.00	0%	No Fishing		1.59	20.65	36%	12.1	7	0.58	17.50	22%	No Fishing		2.20	20.75	37%	23.2	38	1.64	21.79	49%
9-Jul			0.00	0.00	0%	No Fishing		1.59	22.24	38%	No Fishing		1.08	18.58	23%	24.1	50	2.07	22.83	41%	24.1	58	2.41	24.19	54%
10-Jul			0.00	0.00	0%	9.0	9	1.00	23.24	40%	11.4	18	1.58	20.16	25%	No Fishing		1.64	24.47	44%	23.9	34	1.42	25.62	57%
11-Jul			0.00	0.00	0%	No Fishing		1.73	24.97	43%	No Fishing		1.31	21.47	27%	23.9	29	1.21	25.68	46%	24.1	38	1.58	27.19	61%
12-Jul			0.00	0.00	0%	6.5	16	2.46	27.43	47%	11.5	12	1.04	22.51	28%	No Fishing		1.15	26.83	48%	24.4	22	0.90	28.10	63%
13-Jul			0.00	0.00	0%	No Fishing		1.56	28.99	50%	11.6	37	3.19	25.70	32%	24.1	26	1.08	27.91	50%	8.6	9	1.05	29.14	65%
14-Jul			0.00	0.00	0%	12.2	8	0.66	29.65	51%	No Fishing		2.28	27.98	35%	No Fishing		1.00	28.91	52%	No Fishing		1.04	30.18	67%
15-Jul			0.00	0.00	0%	9.0	8	0.89	30.54	53%	11.7	16	1.37	29.35	37%	No Fishing		1.00	29.90	54%	24.3	25	1.03	31.21	70%
16-Jul			0.00	0.00	0%	No Fishing		0.57	31.11	54%	No Fishing		2.00	31.34	40%	24.0	22	0.92	30.82	55%	23.9	3	0.13	31.33	70%
17-Jul	24.0	20	0.83	0.83	2%	11.8	3	0.25	31.36	54%	11.8	31	2.63	33.97	43%	No Fishing		0.91	31.73	57%	24.3	11	0.45	31.79	71%
18-Jul	24.0	48	2.00	2.83	6%	No Fishing		0.46	31.82	55%	No Fishing		2.08	36.05	45%	24.2	22	0.91	32.64	59%	33.8	20	0.59	32.38	72%
19-Jul	24.0	36	1.50	4.33	9%	12.0	8	0.67	32.49	56%	11.8	18	1.53	37.57	47%	No Fishing		1.04	33.68	61%	24.1	8	0.33	32.71	73%
20-Jul	24.0	60	2.50	6.83	15%	12.0	19	1.58	34.07	59%	11.5	29	2.52	40.10	51%	24.0	28	1.17	34.85	63%	No Fishing		0.60	33.31	74%
21-Jul	24.0	48	2.00	8.83	19%	No Fishing		1.13	35.20	61%	No Fishing		1.96	42.05	53%	No Fishing		0.90	35.75	64%	No Fishing		0.60	33.91	76%
22-Jul	24.0	12	0.50	9.33	20%	11.8	8	0.68	35.88	62%	12.2	17	1.39	43.45	55%	No Fishing		0.90	36.65	66%	24.2	21	0.87	34.78	78%
23-Jul	24.0	21	0.88	10.21	22%	24.5	38	1.55	37.43	65%	No Fishing		1.74	45.19	57%	23.5	15	0.64	37.29	67%	24.9	13	0.52	35.30	79%
24-Jul	24.0	36	1.50	11.71	25%	No Fishing		1.69	39.12	68%	11.5	24	2.09	47.27	60%	No Fishing		0.44	37.73	68%	23.1	10	0.43	35.73	80%
25-Jul	24.0	33	1.38	13.08	28%	No Fishing		1.69	40.81	71%	No Fishing		1.84	49.11	62%	23.9	6	0.25	37.99	68%	23.7	19	0.80	36.53	82%
26-Jul	24.0	60	2.50	15.58	34%	12.6	23	1.83	42.64	74%	12.0	19	1.58	50.69	64%	No Fishing		0.46	38.44	69%	24.0	8	0.33	36.86	82%
27-Jul	24.0	63	2.63	18.21	40%	2.5	3	1.20	43.84	76%	11.4	11	0.96	51.66	65%	24.1	16	0.66	39.11	70%	7.4	1	0.14	37.00	83%
28-Jul	24.0	52	2.17	20.38	44%	No Fishing		1.47	45.30	78%	No Fishing		1.08	52.74	67%	11.4	3	0.26	39.37	71%	No Fishing		0.53	37.52	84%
29-Jul	24.0	111	4.63	25.00	54%	4.6	8	1.74	47.04	81%	11.7	14	1.20	53.93	68%	No Fishing		0.74	40.11	72%	23.8	22	0.92	38.45	86%
30-Jul	24.0	66	2.75	27.75	60%	No Fishing		1.37	48.41	84%	No Fishing		1.37	55.31	70%	24.6	30	1.22	41.33	74%	23.9	6	0.25	38.70	86%
31-Jul	24.0	36	1.50	29.25	64%	3.0	3	1.00	49.41	85%	11.6	18	1.55	56.86	72%	No Fishing		0.76	42.09	76%	23.8	7	0.29	38.99	87%
1-Aug	24.0	9	0.38	29.63	64%	4.4	1	0.23	49.64	86%	No Fishing		1.15	58.01	73%	23.3	7	0.30	42.39	76%	24.2	7	0.29	39.28	88%
2-Aug	24.0	0	0.00	29.63	64%	No Fishing		0.68	50.32	87%	12.1	9	0.74	58.75	74%	No Fishing		0.58	42.98	77%	24.3	3	0.12	39.41	88%

*counts begin the day the tenth chum was caught

- continued -

1981 Chum Salmon*

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion
3-Aug	24.0	12	0.50	30.13	65%
4-Aug	24.0	21	0.88	31.00	67%
5-Aug	24.0	33	1.38	32.38	70%
6-Aug	24.0	24	1.00	33.38	72%
7-Aug	24.0	33	1.38	34.75	76%
8-Aug	24.0	33	1.38	36.13	79%
9-Aug	24.0	27	1.13	37.25	81%
10-Aug	24.0	18	0.75	38.00	83%
11-Aug	24.0	27	1.13	39.13	85%
12-Aug	24.0	21	0.88	40.00	87%
13-Aug	24.0	3	0.13	40.13	87%
14-Aug	24.0	25	1.04	41.17	89%
15-Aug	24.0	30	1.25	42.42	92%
16-Aug	24.0	14	0.58	43.00	93%
17-Aug	24.0	9	0.38	43.38	94%
18-Aug	24.0	14	0.58	43.96	96%
19-Aug	24.0	8	0.33	44.29	96%
20-Aug	24.0	6	0.25	44.54	97%
21-Aug	24.0	7	0.29	44.83	97%
22-Aug	24.0	1	0.04	44.88	98%
23-Aug	24.0	1	0.04	44.92	98%
24-Aug	24.0	2	0.08	45.00	98%
25-Aug	24.0	2	0.08	45.08	98%
26-Aug	24.0	2	0.08	45.17	98%
27-Aug	24.0	7	0.29	45.46	99%
28-Aug	24.0	2	0.08	45.54	99%
29-Aug	24.0	1	0.04	45.58	99%
30-Aug	24.0	0	0.00	45.58	99%
31-Aug	24.0	2	0.08	45.67	99%
1-Sep	24.0	2	0.08	45.75	99%
2-Sep	24.0	0	0.00	45.75	99%
3-Sep	24.0	0	0.00	45.75	99%
4-Sep	24.0	0	0.00	45.75	99%
5-Sep	24.0	1	0.04	45.79	100%
6-Sep	24.0	1	0.04	45.83	100%
7-Sep	24.0	2	0.08	45.92	100%
8-Sep	24.0	2	0.08	46.00	100%
9-Sep			0.00	46.00	100%
10-Sep			0.00	46.00	100%
11-Sep			0.00	46.00	100%
12-Sep			0.00	46.00	100%
13-Sep			0.00	46.00	100%
14-Sep			0.00	46.00	100%
15-Sep			0.00	46.00	100%
16-Sep			0.00	46.00	100%
17-Sep			0.00	46.00	100%
18-Sep			0.00	46.00	100%
19-Sep			0.00	46.00	100%
20-Sep			0.00	46.00	100%
21-Sep			0.00	46.00	100%
Totals	1,296.0	1,104			

Mean cumulative proportion date 7/29/1981

*counts begin the day the tenth chum was caught

1982 Chum Salmon*

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion
	No Fishing		0.68	51.00	88%
	13.2	15	1.14	52.14	90%
	7.3	5	0.68	52.83	91%
	No Fishing		0.58	53.41	92%
	No Fishing		0.58	53.99	93%
	12.6	6	0.48	54.46	94%
	12.9	2	0.16	54.62	94%
	No Fishing		0.24	54.86	95%
	12.2	4	0.33	55.19	95%
	12.5	3	0.24	55.43	96%
	No Fishing		0.20	55.63	96%
	No Fishing		0.20	55.83	97%
	12.3	2	0.16	55.99	97%
	12.2	2	0.16	56.16	97%
	No Fishing		0.08	56.24	97%
	12.0	0	0.00	56.24	97%
	12.2	1	0.08	56.32	97%
	No Fishing		0.08	56.40	98%
	No Fishing		0.08	56.48	98%
	12.2	1	0.08	56.57	98%
	11.8	4	0.34	56.91	98%
	No Fishing		0.21	57.12	99%
	12.1	1	0.08	57.20	99%
	12.2	0	0.00	57.20	99%
	No Fishing		0.12	57.32	99%
	12.5	3	0.24	57.56	100%
	11.3	0	0.00	57.56	100%
	No Fishing		0.00	57.56	100%
	12.2	0	0.00	57.56	100%
	11.5	0	0.00	57.56	100%
	No Fishing		0.00	57.56	100%
	No Fishing		0.00	57.56	100%
	No Fishing		0.00	57.56	100%
	11.6	0	0.00	57.56	100%
	9.8	0	0.00	57.56	100%
	No Fishing		0.06	57.62	100%
	24.0	3	0.13	57.75	100%
	No Fishing		0.06	57.81	100%
	28.5	0	0.00	57.81	100%
	23.5	0	0.00	57.81	100%
	25.6	0	0.00	57.81	100%
	25.6	0	0.00	57.81	100%
	21.3	0	0.00	57.81	100%
	26.7	0	0.00	57.81	100%
	22.2	0	0.00	57.81	100%
	24.8	0	0.00	57.81	100%
	22.1	0	0.00	57.81	100%
	30.2	0	0.00	57.81	100%
	19.1	0	0.00	57.81	100%
	26.2	1	0.04	57.85	100%
Totals	845.0	340			

Mean cumulative proportion date 7/13/1982

1983 Chum Salmon*

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion
	12.2	17	1.39	60.15	76%
	No Fishing		1.04	61.18	77%
	11.8	8	0.68	61.86	78%
	No Fishing		1.08	62.94	79%
	12.8	19	1.48	64.42	81%
	No Fishing		0.94	65.36	82%
	25.7	10	0.39	65.75	83%
	12.5	14	1.12	66.87	84%
	No Fishing		0.94	67.81	86%
	1.3	1	0.77	68.58	87%
	No Fishing		0.62	69.20	87%
	10.7	5	0.47	69.67	88%
	No Fishing		0.40	70.07	88%
	12.2	4	0.33	70.40	89%
	12.3	15	1.22	71.61	90%
	No Fishing		1.08	72.69	92%
	11.8	11	0.93	73.62	93%
	No Fishing		0.60	74.22	94%
	11.2	3	0.27	74.49	94%
	No Fishing		0.38	74.87	94%
	12.0	6	0.50	75.37	95%
	11.5	7	0.61	75.98	96%
	No Fishing		0.52	76.50	96%
	11.5	5	0.43	76.94	97%
	No Fishing		0.26	77.20	97%
	11.9	1	0.08	77.28	97%
	No Fishing		0.21	77.49	98%
	11.9	4	0.34	77.83	98%
	11.7	0	0.00	77.83	98%
	No Fishing		0.12	77.95	98%
	12.3	3	0.24	78.20	99%
	No Fishing		0.14	78.34	99%
	47.9	2	0.04	78.38	99%
	No Fishing		0.04	78.42	99%
	23.8	1	0.04	78.46	99%
	23.7	0	0.00	78.46	99%
	12.8	1	0.08	78.54	99%
	24.2	2	0.08	78.62	99%
	24.2	3	0.12	78.75	99%
	24.2	0	0.00	78.75	99%
	24.1	2	0.08	78.83	99%
	No Fishing		0.11	78.94	100%
	22.7	3	0.13	79.07	100%
	24.2	0	0.00	79.07	100%
	21.0	1	0.05	79.12	100%
	23.9	2	0.08	79.20	100%
	23.0	0	0.00	79.20	100%
	No Fishing		0.00	79.20	100%
	48.9	0	0.00	79.20	100%
	24.0	2	0.08	79.29	100%
Totals	938.8	547			

Mean cumulative proportion date 7/20/1983

1984 Chum Salmon*

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion
	4.6	4	0.87	43.85	79%
	No Fishing		0.58	44.43	80%
	No Fishing		0.58	45.00	81%
	24.3	7	0.29	45.29	81%
	No Fishing		0.38	45.67	82%
	23.3	11	0.47	46.14	83%
	No Fishing		0.36	46.51	84%
	23.9	6	0.25	46.76	84%
	No Fishing		0.42	47.17	85%
	No Fishing		0.42	47.59	86%
	24.0	14	0.58	48.17	87%
	24.2	12	0.50	48.67	87%
	23.8	7	0.29	48.96	88%
	No Fishing		0.41	49.37	89%
	25.0	13	0.52	49.89	90%
	No Fishing		0.41	50.30	90%
	No Fishing		0.41	50.70	91%
	24.0	7	0.29	50.99	92%
	No Fishing		0.25	51.24	92%
	24.7	5	0.20	51.44	92%
	23.2	8	0.34	51.79	93%
	24.0	7	0.29	52.08	94%
	No Fishing		0.28	52.36	94%
	No Fishing		0.28	52.63	95%
	23.0	6	0.26	52.89	95%
	22.8	7	0.31	53.20	96%
	25.3	4	0.16	53.36	96%
	24.2	3	0.12	53.48	96%
	30.7	4	0.13	53.61	96%
	No Fishing		0.21	53.83	97%
	No Fishing		0.21	54.04	97%
	16.7	5	0.30	54.34	98%
	23.0	4	0.17	54.52	98%
	24.2	6	0.25	54.76	98%
	24.2	4	0.17	54.93	99%
	24.3	3	0.12	55.05	99%
	No Fishing		0.10	55.16	99%
	No Fishing		0.10	55.26	99%
	23.5	2	0.09	55.35	99%
	33.1	1	0.03	55.38	100%
	22.0	2	0.09	55.47	100%
	17.0	1	0.06	55.53	100%
	23.7	0	0.00	55.53	100%
	No Fishing		0.02	55.55	100%
	No Fishing		0.02	55.57	100%
	24.6	1	0.04	55.61	100%
	24.4	1	0.04	55.65	100%
			0.00	55.65	100%
			0.00	55.65	100%
			0.00	55.65	100%
Totals	1,095.8	608			

Mean cumulative proportion date 7/13/1984

1985 Chum Salmon*

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion
	10.7	1	0.09	39.50	88%
	No Fishing		0.09	39.59	88%
	23.8	2	0.08	39.67	89%
	24.3	1	0.04	39.71	89%
	24.0	3	0.13	39.84	89%
	24.0	9	0.38	40.21	90%
	24.0	13	0.54	40.76	91%
	11.0	5	0.45	41.21	92%
	No Fishing		0.41	41.62	93%
	24.2	9	0.37	42.00	94%
	24.0	9	0.38	42.37	95%
	29.2	8	0.27	42.64	95%
	19.5	11	0.56	43.21	97%
	23.5	11	0.47	43.68	98%
	11.6	0	0.00	43.68	98%
	No Fishing		0.02	43.70	98%
	24.1	1	0.04	43.74	98%
	23.8	5	0.21	43.95	98%
	24.8	3	0.12	44.07	98%
	23.8	2	0.08	44.15	99%
	23.7	3	0.13	44.28	99%
	9.1	0	0.00	44.28	99%
	No Fishing		0.09	44.37	99%
	23.0	4	0.17	44.54	100%
	24.2	2	0.08	44.62	100%
	24.2	0	0.00	44.62	100%
	23.7	0	0.00	44.62	100%
	24.2	0	0.00	44.62	100%
	23.5	0	0.00	44.62	100%
	No Fishing		0.00	44.62	100%
	No Fishing		0.00	44.62	100%
	24.3	0	0.00	44.62	100%
	23.6	1	0.04	44.67	100%
	24.0	0	0.00	44.67	100%
	24.1	0	0.00	44.67	100%
	11.8	1	0.08	44.75	100%
			0.00	44.75	100%
			0.00	44.75	100%
			0.00	44.75	100%
			0.00	44.75	100%
			0.00	44.75	100%
			0.00	44.75	100%
			0.00	44.75	100%
			0.00	44.75	100%
			0.00	44.75	100%
			0.00	44.75	100%
			0.00	44.75	100%
			0.00	44.75	100%
			0.00	44.75	100%
			0.00	44.75	100%
			0.00	44.75	100%
			0.00	44.75	100%
Totals	1,427.2	819			

Mean cumulative proportion date 7/9/1985

- continued -

Appendix Table 4. (Page 3 of 10).

	1986 Chum Salmon*					1987 Chum Salmon*					1988 Chum Salmon*					1989 Chum Salmon*					1990 Chum Salmon*				
Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion
5-Jun																									
6-Jun																									
7-Jun																									
8-Jun			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
9-Jun			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
10-Jun			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
11-Jun			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
12-Jun			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
13-Jun			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
14-Jun			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
15-Jun			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%	24.0	10	0.42	0.42	1%			0.00	0.00	0%
16-Jun			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%	23.9	3	0.13	0.54	1%			0.00	0.00	0%
17-Jun			0.00	0.00	0%	24.3	9	0.37	0.37	1%	24.2	4	0.17	0.17	1%	24.0	6	0.25	0.79	2%			0.00	0.00	0%
18-Jun	24.2	11	0.45	0.45	1%	23.7	2	0.08	0.45	2%	10.5	1	0.10	0.26	1%	24.0	21	0.88	1.67	4%	23.7	12	0.51	0.51	3%
19-Jun	24.1	4	0.17	0.62	1%	23.6	2	0.08	0.54	2%	No Fishing		0.23	0.49	2%	24.8	17	0.69	2.35	6%	23.8	6	0.25	0.76	4%
20-Jun	24.0	3	0.13	0.75	2%	11.8	0	0.00	0.54	2%	24.3	9	0.37	0.86	3%	22.3	9	0.40	2.76	7%	24.2	3	0.12	0.88	5%
21-Jun	23.9	9	0.38	1.12	2%	No Fishing		0.06	0.60	2%	23.9	11	0.46	1.32	4%	22.8	25	1.10	3.85	9%	23.8	2	0.08	0.97	5%
22-Jun	24.3	9	0.37	1.49	3%	23.6	3	0.13	0.73	2%	24.0	11	0.46	1.78	6%	24.0	19	0.79	4.64	11%	24.2	3	0.12	1.09	6%
23-Jun	23.9	14	0.59	2.08	4%	23.9	2	0.08	0.81	3%	24.2	10	0.41	2.20	7%	24.0	10	0.42	5.06	12%	10.0	3	0.30	1.39	7%
24-Jun	23.7	2	0.08	2.16	4%	24.0	7	0.29	1.11	4%	23.7	7	0.30	2.49	8%	11.0	7	0.64	5.70	14%	No Fishing		0.35	1.74	9%
25-Jun	24.0	5	0.21	2.37	5%	24.1	11	0.46	1.56	5%	9.0	6	0.67	3.16	10%	No Fishing		0.82	6.52	16%	30.0	12	0.40	2.14	11%
26-Jun	25.0	5	0.20	2.57	5%	24.2	10	0.41	1.98	7%	No Fishing		0.54	3.70	12%	24.8	25	1.01	7.53	18%	21.8	5	0.23	2.37	12%
27-Jun	24.0	10	0.42	2.99	6%	No Fishing		0.38	2.36	8%	24.1	10	0.41	4.11	14%	24.0	29	1.21	8.74	21%	23.8	7	0.29	2.66	14%
28-Jun	12.1	13	1.07	4.06	8%	48.0	17	0.35	2.71	9%	No Fishing		0.26	4.38	15%	24.0	21	0.88	9.61	24%	23.5	6	0.26	2.92	15%
29-Jun	No Fishing		0.72	4.75	10%	24.9	12	0.48	3.19	11%	53.0	6	0.11	4.49	15%	24.0	17	0.71	10.32	25%	24.2	4	0.17	3.08	16%
30-Jun	24.0	9	0.38	5.16	10%	24.1	9	0.37	3.57	12%	19.1	0	0.00	4.49	15%	No Fishing		0.53	10.85	27%	9.3	3	0.32	3.41	18%
1-Jul	24.1	9	0.37	5.54	11%	23.7	6	0.25	3.82	13%	24.2	2	0.08	4.57	15%	34.8	12	0.34	11.19	27%	No Fishing		0.20	3.61	19%
2-Jul	23.9	6	0.25	5.79	12%	24.0	7	0.29	4.11	14%	10.3	0	0.00	4.57	15%	No Fishing		0.69	11.88	29%	22.9	2	0.09	3.70	19%
3-Jul	23.9	8	0.33	6.12	12%	24.0	2	0.08	4.20	14%	No Fishing		0.19	4.76	16%	24.1	25	1.04	12.92	32%	24.3	4	0.16	3.86	20%
4-Jul	24.1	10	0.41	6.54	13%	No Fishing		0.31	4.51	15%	24.2	9	0.37	5.13	17%	24.0	17	0.71	13.63	33%	24.0	3	0.13	3.99	21%
5-Jul	23.9	8	0.33	6.87	14%	27.6	15	0.54	5.05	17%	24.0	9	0.38	5.51	18%	23.9	14	0.59	14.21	35%	23.8	4	0.17	4.16	22%
6-Jul	12.2	11	0.90	7.77	16%	24.5	9	0.37	5.42	18%	24.0	7	0.29	5.80	19%	24.1	18	0.75	14.96	37%	23.8	13	0.55	4.70	25%
7-Jul	No Fishing		0.68	8.45	17%	24.0	0	0.00	5.42	18%	24.1	7	0.29	6.09	20%	24.0	12	0.50	15.46	38%	9.9	15	1.52	6.22	33%
8-Jul	24.4	11	0.45	8.90	18%	24.1	6	0.25	5.67	19%	23.9	10	0.42	6.51	22%	10.0	12	1.20	16.66	41%	No Fishing		1.15	7.37	39%
9-Jul	24.5	11	0.45	9.35	19%	24.0	18	0.75	6.42	22%	11.6	4	0.34	6.85	23%	No Fishing		1.14	17.80	44%	24.1	19	0.79	8.16	43%
10-Jul	23.8	14	0.59	9.94	20%	24.3	27	1.11	7.53	25%	No Fishing		0.27	7.13	24%	24.1	26	1.08	18.88	46%	23.6	3	0.13	8.29	43%
11-Jul	23.9	10	0.42	10.35	21%	24.2	15	0.62	8.15	28%	24.4	5	0.20	7.33	24%	23.9	16	0.67	19.55	48%	24.3	3	0.12	8.41	44%
12-Jul	24.2	12	0.50	10.85	22%	No Fishing		0.80	8.95	30%	23.9	8	0.33	7.67	25%	24.0	16	0.67	20.21	50%	23.9	12	0.50	8.91	47%
13-Jul	12.4	10	0.81	11.66	24%	23.3	23	0.99	9.94	34%	23.9	16	0.67	8.34	28%	24.0	18	0.75	20.96	51%	23.8	18	0.76	9.67	51%
14-Jul	17.0	24	1.41	13.07	26%	23.9	10	0.42	10.36	35%	23.9	20	0.84	9.17	30%	24.0	26	1.08	22.03	54%	9.8	4	0.41	10.08	53%
15-Jul	24.6	23	0.93	14.00	28%	No Fishing		0.42	10.78	36%	24.1	13	0.54	9.71	32%	10.2	9	0.88	22.93	56%	No Fishing		0.42	10.49	55%
16-Jul	23.0	20	0.87	14.87	30%	48.4	20	0.41	11.19	38%	10.8	8	0.74	10.45	35%	No Fishing		0.83	23.76	58%	23.3	10	0.43	10.92	57%
17-Jul	24.1	17	0.71	15.58	31%	23.8	5	0.21	11.40	39%	No Fishing		0.72	11.18	37%	14.0	11	0.79	24.55	60%	24.0	7	0.29	11.22	59%
18-Jul	24.0	23	0.96	16.54	33%	10.9	1	0.09	11.49	39%	24.1	17	0.71	11.88	39%	24.2	23	0.95	25.50	63%	24.0	19	0.79	12.01	63%
19-Jul	26.4	40	1.52	18.05	36%	No Fishing		0.25	11.74	40%	24.0	8	0.33	12.21	40%	24.1	12	0.50	26.00	64%	23.9	18	0.75	12.76	67%
20-Jul	No Fishing		1.67	19.72	40%	24.2	10	0.41	12.16	41%	24.0	7	0.29	12.51	41%	24.1	9	0.37	26.37	65%	24.4	20	0.82	13.58	71%
21-Jul	No Fishing		1.67	21.39	43%	23.8	18	0.76	12.91	44%	24.2	7	0.29	12.80	42%	24.0	11	0.46	26.83	66%	9.7	5	0.52	14.10	74%
22-Jul	No Fishing		1.67	23.05	47%	24.0	24	1.00	13.91	47%	24.0	9	0.38	13.17	44%	10.0	12	1.20	28.03	69%	No Fishing		0.38	14.48	76%
23-Jul	24.2	44	1.82	24.87	50%	24.3	21	0.86	14.78	50%	25.4	6	0.24	13.41	44%	No Fishing		1.21	29.24	72%	23.7	6	0.25	14.73	77%
24-Jul	26.8	49	1.83	26.70	54%	23.8	23	0.97	15.74	53%	No Fishing		0.89	14.30	47%	28.8	35	1.22	30.45	75%	23.8	2	0.08	14.82	78%
25-Jul	12.9	26	2.02	28.71	58%	10.5	13	1.24	16.98	57%	No Fishing		0.89	15.18	50%	18.3	23	1.26	31.71	78%	24.3	7	0.29	15.10	79%
26-Jul	24.1	44	1.83	30.54	62%	No Fishing		0.79	17.77	60%	No Fishing		0.89	16.07	53%	13.8	24	1.74	33.45	82%	23.4	4	0.17	15.28	80%
27-Jul	12.0	30	2.50	33.04	67%	23.4	8	0.34	18.11	61%	22.7	35	1.54	17.62	58%	24.5	16	0.65	34.10	84%	24.4	3	0.12	15.40	81%
28-Jul	No Fishing		1.95	34.99	71%	24.3	4	0.16	18.28	62%	24.3	14	0.58	18.19	60%	23.7	0	0.00	34.10	84%	7.9	0	0.00	15.40	81%
29-Jul	24.2	34	1.40	36.40	74%	23.9	3	0.13	18.40	62%	23.6	28	1.19	19.38	64%	10.2	5	0.49	34.59	85%	No Fishing		0.14	15.54	81%
30-Jul	24.2	32	1.32	37.72	76%	23.7	10	0.42	18.83	64%	10.3	16	1.55	20.93	69%	No Fishing		0.62	35.21	86%	24.3	7	0.29	15.83	83%
31-Jul	23.9	36	1.51	39.23	79%	23.9	5	0.21	19.03	64%	No Fishing		1.05	21.98	73%	24.3	18	0.74	35.95	88%	24.0	4	0.17	16.00	84%
1-Aug	24.5	41	1.67	40.90	83%	No Fishing		0.29	19.33	65%	24.0	13	0.54	22.52	75%	23.8	12	0.50	36.45	89%	23.7	4	0.17	16.17	85%
2-Aug	No Fishing		1.11	42.00	85%	47.6	18	0.38	19.71	67%	24.8	9	0.36	22.88	76%	24.5	12	0.49	36.94	91%	23.9	3	0.13	16.29	85%

*Counts begin the day the tenth chum was caught

- continued -

Appendix Table 4. (Page 4 of 10).

1986 Chum Salmon*

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion
3-Aug	No Fishing		1.11	43.11	87%
4-Aug	No Fishing		1.11	44.22	89%
5-Aug	24.2	13	0.54	44.75	90%
6-Aug	24.2	19	0.79	45.54	92%
7-Aug	23.7	24	1.01	46.55	94%
8-Aug	24.4	6	0.25	46.80	95%
9-Aug	11.9	2	0.17	46.96	95%
10-Aug	No Fishing		0.21	47.17	95%
11-Aug	24.0	6	0.25	47.42	96%
12-Aug	24.2	1	0.04	47.46	96%
13-Aug	24.0	12	0.50	47.96	97%
14-Aug	24.1	5	0.21	48.17	97%
15-Aug	24.1	4	0.17	48.34	98%
16-Aug	12.0	3	0.25	48.59	98%
17-Aug	No Fishing		0.15	48.73	98%
18-Aug	23.9	1	0.04	48.78	99%
19-Aug	24.1	2	0.08	48.86	99%
20-Aug	24.0	1	0.04	48.90	99%
21-Aug	24.0	2	0.08	48.98	99%
22-Aug	23.9	0	0.00	48.98	99%
23-Aug	11.8	0	0.00	48.98	99%
24-Aug	No Fishing		0.00	48.98	99%
25-Aug	23.9	0	0.00	48.98	99%
26-Aug	24.0	0	0.00	48.98	99%
27-Aug	24.0	1	0.04	49.03	99%
28-Aug	No Fishing		0.04	49.07	99%
29-Aug	48.0	2	0.04	49.11	99%
30-Aug	11.8	1	0.08	49.19	99%
31-Aug	No Fishing		0.06	49.26	100%
1-Sep	No Fishing		0.06	49.32	100%
2-Sep	24.0	1	0.04	49.36	100%
3-Sep	24.1	2	0.08	49.44	100%
4-Sep	23.9	1	0.04	49.49	100%
5-Sep			0.00	49.49	100%
6-Sep			0.00	49.49	100%
7-Sep			0.00	49.49	100%
8-Sep			0.00	49.49	100%
9-Sep			0.00	49.49	100%
10-Sep			0.00	49.49	100%
11-Sep			0.00	49.49	100%
12-Sep			0.00	49.49	100%
13-Sep			0.00	49.49	100%
14-Sep			0.00	49.49	100%
15-Sep			0.00	49.49	100%
16-Sep			0.00	49.49	100%
17-Sep			0.00	49.49	100%
18-Sep			0.00	49.49	100%
19-Sep			0.00	49.49	100%
20-Sep			0.00	49.49	100%
21-Sep			0.00	49.49	100%
Totals	1,454.6	806			

Mean cumulative proportion date 7/23/1986

1987 Chum Salmon*

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion
24.0	16	0.67	20.37	69%
24.2	15	0.62	20.99	71%
23.7	12	0.51	21.50	73%
24.3	22	0.91	22.40	76%
24.1	18	0.75	23.15	78%
10.4	10	0.96	24.11	81%
No Fishing		0.65	24.76	84%
24.2	8	0.33	25.09	85%
23.8	9	0.38	25.47	86%
23.9	4	0.17	25.64	87%
23.3	10	0.43	26.06	88%
23.9	8	0.33	26.40	89%
23.8	6	0.25	26.65	90%
24.0	5	0.21	26.86	91%
24.2	10	0.41	27.27	92%
23.8	6	0.25	27.52	93%
24.0	1	0.04	27.57	93%
24.2	7	0.29	27.86	94%
24.0	5	0.21	28.06	95%
24.0	4	0.17	28.23	95%
23.9	2	0.08	28.31	96%
23.9	1	0.04	28.36	96%
24.2	1	0.04	28.40	96%
24.1	5	0.21	28.60	97%
24.0	2	0.08	28.69	97%
23.9	0	0.00	28.69	97%
10.8	0	0.00	28.69	97%
No Fishing		0.08	28.76	97%
13.1	2	0.15	28.92	98%
24.2	1	0.04	28.96	98%
23.9	3	0.13	29.08	98%
23.9	2	0.08	29.17	99%
24.1	2	0.08	29.25	99%
24.8	1	0.04	29.29	99%
23.5	2	0.09	29.38	99%
No Fishing		0.11	29.48	100%
24.0	3	0.13	29.61	100%
		0.00	29.61	100%
		0.00	29.61	100%
		0.00	29.61	100%
		0.00	29.61	100%
		0.00	29.61	100%
		0.00	29.61	100%
		0.00	29.61	100%
		0.00	29.61	100%
		0.00	29.61	100%
		0.00	29.61	100%
		0.00	29.61	100%
		0.00	29.61	100%
		0.00	29.61	100%
		0.00	29.61	100%
		0.00	29.61	100%
		0.00	29.61	100%
		0.00	29.61	100%
		0.00	29.61	100%
1,750.4	608			

Mean cumulative proportion date 7/23/1987

1988 Chum Salmon*

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion
24.1	11	0.46	23.34	77%
23.9	14	0.59	23.93	79%
24.2	8	0.33	24.26	80%
10.2	3	0.29	24.55	81%
No Fishing		0.38	24.93	83%
23.9	11	0.46	25.39	84%
24.1	15	0.62	26.01	86%
No Fishing		0.48	26.49	88%
47.9	16	0.33	26.82	89%
23.9	11	0.46	27.28	90%
9.1	4	0.44	27.72	92%
No Fishing		0.50	28.22	94%
16.1	9	0.56	28.78	95%
23.9	2	0.08	28.86	96%
23.9	2	0.08	28.95	96%
23.9	1	0.04	28.99	96%
No Fishing		0.04	29.03	96%
33.9	1	0.03	29.05	96%
No Fishing		0.04	29.09	96%
24.0	1	0.04	29.13	97%
24.0	0	0.00	29.13	97%
24.5	0	0.00	29.13	97%
23.7	5	0.21	29.34	97%
23.7	2	0.08	29.43	98%
9.8	2	0.20	29.63	98%
No Fishing		0.10	29.73	99%
24.0	0	0.00	29.73	99%
24.0	0	0.00	29.73	99%
24.1	1	0.04	29.78	99%
24.1	0	0.00	29.78	99%
23.9	3	0.13	29.90	99%
10.2	1	0.10	30.00	99%
No Fishing		0.05	30.05	100%
23.9	0	0.00	30.05	100%
23.0	1	0.04	30.09	100%
25.0	0	0.00	30.09	100%
24.2	0	0.00	30.09	100%
24.2	2	0.08	30.17	100%
24.0	0	0.00	30.17	100%
No Fishing		0.00	30.17	100%
48.0	0	0.00	30.17	100%
		0.00	30.17	100%
		0.00	30.17	100%
		0.00	30.17	100%
		0.00	30.17	100%
		0.00	30.17	100%
		0.00	30.17	100%
		0.00	30.17	100%
		0.00	30.17	100%
		0.00	30.17	100%
		0.00	30.17	100%
		0.00	30.17	100%
		0.00	30.17	100%
		0.00	30.17	100%
		0.00	30.17	100%
		0.00	30.17	100%
1,618.0	488			

Mean cumulative proportion date 7/25/1988

1989 Chum Salmon*

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion
23.8	9	0.38	37.32	92%
24.0	5	0.21	37.53	92%
10.2	5	0.49	38.02	93%
No Fishing		0.37	38.39	94%
24.3	6	0.25	38.63	95%
23.9	3	0.13	38.76	95%
24.2	2	0.08	38.84	95%
23.8	4	0.17	39.01	96%
No Fishing		0.13	39.14	96%
33.8	3	0.09	39.23	96%
No Fishing		0.23	39.46	97%
24.0	9	0.38	39.83	98%
24.2	4	0.17	40.00	98%
24.2	1	0.04	40.04	98%
23.6	1	0.04	40.08	98%
No Fishing		0.02	40.11	98%
32.8	0	0.00	40.11	98%
No Fishing		0.02	40.13	98%
24.0	1	0.04	40.17	99%
24.0	3	0.13	40.29	99%
23.5	1	0.04	40.34	99%
No Fishing		0.05	40.39	99%
34.5	2	0.06	40.44	99%
25.0	0	0.00	40.44	99%
No Fishing		0.00	40.44	99%
24.0	0	0.00	40.44	99%
25.8	1	0.04	40.48	99%
22.8	1	0.04	40.53	99%
23.7	1	0.04	40.57	100%
23.8	3	0.13	40.69	100%
11.8	0	0.00	40.69	100%
No Fishing		0.00	40.69	100%
23.3	0	0.00	40.69	100%
24.0	0	0.00	40.69	100%
No Fishing		0.02	40.71	100%
48.3	2	0.04	40.76	100%
23.7	0	0.00	40.76	100%
24.0	0	0.00	40.76	100%
24.0	0	0.00	40.76	100%
23.8	0	0.00	40.76	100%
24.0	0	0.00	40.76	100%
		0.00	40.76	100%
		0.00	40.76	100%
		0.00	40.76	100%
		0.00	40.76	100%
		0.00	40.76	100%
		0.00	40.76	100%
		0.00	40.76	100%
		0.00	40.76	100%
		0.00	40.76	100%
		0.00	40.76	100%
		0.00	40.76	100%
		0.00	40.76	100%
		0.00	40.76	100%
		0.00	40.76	100%
1,723.8	730			

Mean cumulative proportion date 7/12/1989

1990 Chum Salmon*

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion
25.3	1	0.04	16.33	86%
7.5	0	0.00	16.33	86%
No Fishing		0.06	16.40	86%
23.2	3	0.13	16.53	87%
24.0	2	0.08	16.61	87%
24.0	3	0.13	16.73	88%
23.8	1	0.04	16.78	88%
23.8	0	0.00	16.78	88%
11.0	0	0.00	16.78	88%
No Fishing		0.18	16.96	89%
22.0	8	0.36	17.32	91%
24.0	1	0.04	17.36	91%
24.0	0	0.00	17.36	91%
24.0	2	0.08	17.45	91%
24.2	2	0.08	17.53	92%
9.4	1	0.11	17.64	92%
No Fishing		0.10	17.73	93%
23.5	2	0.09	17.82	93%
24.2	2	0.08	17.90	94%
24.6	2	0.08	17.98	94%
23.2	2	0.09	18.07	95%
24.2	2	0.08	18.15	95%
8.5	0	0.00	18.15	95%
No Fishing		0.24	18.39	96%
16.9	8	0.47	18.86	99%
24.0	0	0.00	18.86	99%
24.0	0	0.00	18.86	99%
24.1	0	0.00	18.86	99%
24.0	0	0.00	18.86	99%
9.0	0	0.00	18.86	99%
No Fishing		0.00	18.86	99%
23.7	0	0.00	18.86	99%
23.2	1	0.04	18.90	99%
33.0	1	0.03	18.93	99%
No Fishing		0.02	18.95	99%
No Fishing		0.02	18.96	99%
No Fishing		0.02	18.98	99%
No Fishing		0.02	18.99	100%
14.1	0	0.00	18.99	100%
23.5	0	0.00	18.99	100%
24.0	2	0.08	19.08	100%
		0.00	19.08	100%
		0.00	19.08	100%
		0.00	19.08	100%
		0.00	19.08	100%
		0.00	19.08	100%
		0.00	19.08	100%
		0.00	19.08	100%
		0.00	19.08	100%
		0.00	19.08	100%
		0.00	19.08	100%
		0.00	19.08	100%
		0.00	19.08	100%
		0.00	19.08	100%
		0.00	19.08	100%
		0.00	19.08	100%
1,555.1	331			

Mean cumulative proportion date 7/13/1990

*counts begin the day the tenth chum was caught

- continued -

Appendix Table 4. (Page 5 of 10).

	1991 Chum Salmon*					1992 Chum Salmon*					1993 Chum Salmon*					1994 Chum Salmon*					1995 Chum Salmon*				
Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
5-Jun																									
6-Jun																									
7-Jun																									
8-Jun			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%	25.0	7	0.28	0.28	0%
9-Jun			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%	24.0	1	0.04	0.32	1%
10-Jun			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%	9.0	1	0.11	0.43	1%
11-Jun			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%	No Fishing		0.16	0.59	1%
12-Jun			0.00	0.00	0%			0.00	0.00	0%	24.0	4	0.17	0.17	1%			0.00	0.00	0%	24.0	5	0.21	0.80	1%
13-Jun			0.00	0.00	0%			0.00	0.00	0%	24.0	5	0.21	0.38	1%			0.00	0.00	0%	24.0	3	0.13	0.93	2%
14-Jun	24.0	5	0.21	0.21	1%			0.00	0.00	0%	24.0	4	0.17	0.54	2%			0.00	0.00	0%	24.0	4	0.17	1.09	2%
15-Jun	23.9	1	0.04	0.25	1%			0.00	0.00	0%	24.0	10	0.42	0.96	3%			0.00	0.00	0%	24.0	7	0.29	1.38	2%
16-Jun	24.0	4	0.17	0.42	1%			0.00	0.00	0%	24.0	1	0.04	1.00	3%	18.5	24	1.30	1.30	3%	24.0	12	0.50	1.88	3%
17-Jun	24.2	5	0.21	0.62	2%			0.00	0.00	0%	24.3	4	0.16	1.16	4%	24.0	45	1.88	3.17	7%	24.0	12	0.50	2.38	4%
18-Jun	23.5	3	0.13	0.72	2%			0.00	0.00	0%	24.0	7	0.29	1.46	5%	24.0	25	1.04	4.21	9%	25.0	17	0.68	3.06	5%
19-Jun	23.8	3	0.13	0.88	2%			0.00	0.00	0%	24.0	22	0.92	2.37	7%	24.0	22	0.92	5.13	11%	23.0	13	0.57	3.63	6%
20-Jun	24.0	0	0.00	0.88	2%			0.00	0.00	0%	23.7	15	0.63	3.01	9%	24.0	16	0.67	5.80	12%	24.0	18	0.75	4.38	8%
21-Jun	24.1	0	0.00	0.88	2%			0.00	0.00	0%	24.0	8	0.33	3.34	10%	24.0	24	1.00	6.80	14%	24.0	21	0.88	5.25	9%
22-Jun	24.1	3	0.12	1.00	2%			0.00	0.00	0%	24.0	1	0.04	3.38	10%	24.0	36	1.50	8.30	17%	24.0	21	0.88	6.13	11%
23-Jun	24.0	10	0.42	1.42	3%			0.00	0.00	0%	24.0	4	0.17	3.55	11%	24.0	36	1.50	9.80	20%	24.0	22	0.92	7.05	12%
24-Jun	23.9	4	0.17	1.59	4%			0.00	0.00	0%	24.0	5	0.21	3.76	12%	24.0	13	0.54	10.34	21%	25.0	29	1.16	8.21	14%
25-Jun	24.0	1	0.04	1.63	4%	24.0	5	0.21	0.21	0%	24.0	4	0.17	3.92	12%	24.0	23	0.96	11.30	23%	23.0	35	1.52	9.73	17%
26-Jun	24.0	4	0.17	1.79	4%	24.0	14	0.58	0.79	2%	25.7	2	0.08	4.00	12%	24.0	36	1.50	12.80	26%	24.0	54	2.25	11.98	21%
27-Jun	24.1	4	0.17	1.96	5%	24.0	34	1.42	2.21	5%	22.6	8	0.35	4.35	13%	24.0	43	1.79	14.59	30%	24.0	31	1.29	13.27	23%
28-Jun	24.0	1	0.04	2.00	5%	24.2	36	1.49	3.70	8%	23.8	18	0.76	5.11	16%	24.0	33	1.38	15.96	33%	24.0	28	1.17	14.44	25%
29-Jun	9.1	2	0.22	2.22	5%	23.8	24	1.01	4.70	10%	24.0	8	0.33	5.44	17%	24.0	25	1.04	17.01	35%	24.0	20	0.83	15.27	26%
30-Jun	No Fishing		0.36	2.59	6%	24.0	32	1.33	6.04	13%	24.0	1	0.04	5.49	17%	24.0	26	1.08	18.09	37%	24.0	15	0.63	15.89	27%
1-Jul	23.6	12	0.51	3.09	8%	24.0	26	1.08	7.12	16%	24.0	3	0.13	5.61	17%	24.0	25	1.04	19.13	39%	9.0	2	0.22	16.12	28%
2-Jul	24.0	1	0.04	3.14	8%	24.0	18	0.75	7.87	18%	24.0	3	0.13	5.74	18%	24.0	23	0.96	20.09	41%	No Fishing		0.72	16.83	29%
3-Jul	24.0	8	0.33	3.47	9%	24.7	16	0.65	8.52	19%	8.5	3	0.35	6.09	19%	24.0	16	0.67	20.76	43%	24.0	29	1.21	18.04	31%
4-Jul	24.0	13	0.54	4.01	10%	23.3	17	0.73	9.25	21%	No Fishing		0.51	6.60	20%	24.0	24	1.00	21.76	45%	24.0	31	1.29	19.33	33%
5-Jul	24.0	1	0.04	4.05	10%	24.2	44	1.82	11.07	25%	23.7	16	0.68	7.28	23%	24.0	31	1.29	23.05	47%	24.0	41	1.71	21.04	36%
6-Jul	8.7	1	0.11	4.17	10%	24.1	72	2.99	14.05	31%	24.0	6	0.25	7.53	23%	24.0	24	1.00	24.05	49%	24.0	21	0.88	21.92	38%
7-Jul	No Fishing		0.24	4.41	11%	23.8	47	1.97	16.03	36%	24.0	9	0.38	7.90	24%	15.0	9	0.60	24.65	51%	24.0	21	0.88	22.79	39%
8-Jul	24.0	9	0.38	4.79	12%	24.0	36	1.50	17.53	39%	24.0	18	0.75	8.65	27%	15.0	18	1.20	25.85	53%	8.0	10	1.25	24.04	41%
9-Jul	24.0	3	0.13	4.91	12%	24.0	20	0.83	18.36	41%	24.0	11	0.46	9.11	28%	9.0	30	3.33	29.18	60%	No Fishing		1.08	25.12	43%
10-Jul	24.0	3	0.13	5.04	12%	25.0	17	0.68	19.04	42%	9.0	2	0.22	9.33	29%	No Fishing		2.35	31.53	65%	24.0	22	0.92	26.04	45%
11-Jul	23.9	12	0.50	5.54	14%	24.0	20	0.83	19.88	44%	No Fishing		0.15	9.49	29%	23.5	32	1.36	32.89	67%	24.0	21	0.88	26.92	46%
12-Jul	24.1	8	0.33	5.87	14%	23.0	24	1.04	20.92	47%	24.0	2	0.08	9.57	30%	15.0	15	1.00	33.89	70%	24.0	19	0.79	27.71	48%
13-Jul	8.5	5	0.59	6.46	16%	24.0	26	1.08	22.00	49%	24.0	8	0.33	9.90	31%	15.0	22	1.47	35.36	73%	24.0	13	0.54	28.25	48%
14-Jul	No Fishing		0.78	7.23	18%	24.0	25	1.04	23.04	51%	24.0	11	0.46	10.36	32%	15.0	4	0.27	35.62	73%	24.0	11	0.46	28.71	49%
15-Jul	23.9	23	0.96	8.20	20%	24.0	23	0.96	24.00	53%	24.0	5	0.21	10.57	33%	15.0	6	0.40	36.02	74%	8.5	8	0.94	29.65	51%
16-Jul	24.0	17	0.71	8.91	22%	24.0	15	0.63	24.63	55%	24.0	8	0.33	10.90	34%	8.0	5	0.63	36.65	75%	No Fishing		0.87	30.52	52%
17-Jul	24.2	16	0.66	9.57	24%	24.0	11	0.46	25.09	56%	8.5	4	0.47	11.37	35%	No Fishing		0.41	37.06	76%	23.5	19	0.81	31.33	54%
18-Jul	24.0	26	1.08	10.65	26%	6.8	5	0.74	25.82	57%	No Fishing		0.40	11.78	36%	15.0	3	0.20	37.26	76%	24.0	17	0.71	32.04	55%
19-Jul	24.0	31	1.29	11.94	29%	No Fishing		0.88	26.70	59%	24.0	8	0.33	12.11	38%	15.0	4	0.27	37.53	77%	24.0	20	0.83	32.87	56%
20-Jul	8.9	15	1.69	13.63	34%	24.3	25	1.03	27.73	62%	24.0	6	0.25	12.36	38%	24.0	13	0.54	38.07	78%	24.0	18	0.75	33.62	58%
21-Jul	No Fishing		1.43	15.05	37%	22.7	8	0.35	28.08	62%	24.0	2	0.08	12.44	39%	15.0	13	0.87	38.94	80%	24.0	24	1.00	34.62	59%
22-Jul	24.0	28	1.17	16.22	40%	24.0	3	0.13	28.21	63%	24.0	5	0.21	12.65	39%	15.0	5	0.33	39.27	81%	8.0	9	1.13	35.75	61%
23-Jul	24.0	24	1.00	17.22	42%	24.0	12	0.50	28.71	64%	24.0	3	0.13	12.78	40%	8.0	5	0.63	39.89	82%	No Fishing		0.90	36.64	63%
24-Jul	24.0	19	0.79	18.01	44%	24.4	8	0.33	29.04	65%	8.5	2	0.24	13.01	40%	No Fishing		0.58	40.47	83%	24.0	16	0.67	37.31	64%
25-Jul	23.8	20	0.84	18.85	46%	6.0	0	0.00	29.04	65%	No Fishing		0.52	13.53	42%	15.0	8	0.53	41.01	84%	24.0	8	0.33	37.64	65%
26-Jul	24.1	22	0.91	19.76	49%	No Fishing		0.27	29.31	65%	23.7	19	0.80	14.33	44%	15.0	6	0.40	41.41	85%	24.0	9	0.38	38.02	65%
27-Jul	9.0	14	1.56	21.32	53%	23.8	13	0.55	29.86	66%	23.8	3	0.13	14.46	45%	15.0	2	0.13	41.54	85%	24.0	3	0.13	38.14	65%
28-Jul	No Fishing		1.32	22.64	56%	23.9	12	0.50	30.36	68%	24.0	18	0.75	15.21	47%	15.0	5	0.33	41.87	86%	24.0	11	0.46	38.60	66%
29-Jul	23.9	26	1.09	23.73	58%	24.0	8	0.33	30.69	68%	24.0	18	0.75	15.96	49%	15.0	0	0.00	41.87	86%	8.0	14	1.75	40.35	69%
30-Jul	24.0	21	0.88	24.60	61%	24.0	12	0.50	31.19	69%	24.0	15	0.63	16.58	51%	8.5	2	0.24	42.11	86%	No Fishing		1.50	41.85	72%
31-Jul	24.0	25	1.04	25.65	63%	24.0	4	0.17	31.36	70%	8.5	3	0.35	16.93	52%	No Fishing		0.20	42.31	87%	24.0	30	1.25	43.10	74%
1-Aug	24.0	22	0.92	26.56	65%	6.2	2	0.32	31.68	70%	No Fishing		0.56	17.49	54%	23.5	4	0.17	42.48	87%	24.0	17	0.71	43.81	75%
2-Aug	24.0	35	1.46	28.02	69%	No Fishing		0.25	31.93	71%	23.5	18	0.77	18.26	57%	24.0	6	0.25	42.73	88%	24.0	18	0.75	44.56	76%

*counts begin the day the tenth chum was caught

- continued -

Appendix Table 4. (Page 6 of 10).

1991 Chum Salmon*

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion
3-Aug	8.1	10	1.23	29.26	72%
4-Aug	No Fishing		1.31	30.57	75%
5-Aug	23.7	33	1.39	31.96	79%
6-Aug	24.0	24	1.00	32.96	81%
7-Aug	24.0	37	1.54	34.50	85%
8-Aug	24.2	19	0.79	35.25	87%
9-Aug	23.8	11	0.46	35.75	88%
10-Aug	9.1	2	0.22	35.97	89%
11-Aug	No Fishing		0.28	36.25	89%
12-Aug	23.9	8	0.33	36.58	90%
13-Aug	24.0	5	0.21	36.79	91%
14-Aug	24.0	5	0.21	37.00	91%
15-Aug	24.0	6	0.25	37.25	92%
16-Aug	24.0	4	0.17	37.42	92%
17-Aug	9.0	3	0.33	37.75	93%
18-Aug	No Fishing		0.23	37.98	94%
19-Aug	23.8	3	0.13	38.11	94%
20-Aug	24.0	6	0.25	38.36	95%
21-Aug	24.0	11	0.46	38.81	96%
22-Aug	24.0	10	0.42	39.23	97%
23-Aug	24.0	6	0.25	39.48	97%
24-Aug	8.5	1	0.12	39.60	98%
25-Aug	No Fishing		0.08	39.68	98%
26-Aug	23.5	1	0.04	39.72	98%
27-Aug	24.0	3	0.13	39.85	98%
28-Aug	24.3	2	0.08	39.93	98%
29-Aug	25.6	3	0.12	40.04	99%
30-Aug	22.5	1	0.04	40.09	99%
31-Aug	8.4	0	0.00	40.09	99%
1-Sep	No Fishing		0.02	40.11	99%
2-Sep	23.4	1	0.04	40.15	99%
3-Sep	24.0	5	0.21	40.36	99%
4-Sep	24.2	1	0.04	40.40	100%
5-Sep	24.0	2	0.08	40.49	100%
6-Sep	23.9	2	0.08	40.57	100%
7-Sep	8.3	0	0.00	40.57	100%
8-Sep	No Fishing		0.00	40.57	100%
9-Sep	24.2	0	0.00	40.57	100%
10-Sep	23.7	0	0.00	40.57	100%
11-Sep			0.00	40.57	100%
12-Sep			0.00	40.57	100%
13-Sep			0.00	40.57	100%
14-Sep			0.00	40.57	100%
15-Sep			0.00	40.57	100%
16-Sep			0.00	40.57	100%
17-Sep			0.00	40.57	100%
18-Sep			0.00	40.57	100%
19-Sep			0.00	40.57	100%
20-Sep			0.00	40.57	100%
21-Sep			0.00	40.57	100%
Totals	1,701.4	735			

Mean cumulative proportion date 7/27/1991

1992 Chum Salmon*

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion
23.8	4	0.17	32.09	71%
23.9	5	0.21	32.30	72%
24.0	2	0.08	32.39	72%
24.0	18	0.75	33.14	74%
24.0	10	0.42	33.55	75%
6.8	6	0.88	34.44	77%
No Fishing		0.80	35.24	78%
23.6	17	0.72	35.96	80%
24.0	3	0.13	36.08	80%
7.8	4	0.51	36.60	81%
15.6	15	0.96	37.56	84%
23.9	23	0.96	38.52	86%
6.8	5	0.74	39.25	87%
No Fishing		0.75	40.00	89%
23.8	18	0.76	40.76	91%
24.3	16	0.66	41.42	92%
23.8	12	0.50	41.92	93%
24.0	8	0.33	42.25	94%
24.0	6	0.25	42.50	95%
7.5	2	0.27	42.77	95%
No Fishing		0.32	43.09	96%
24.1	9	0.37	43.46	97%
24.0	1	0.04	43.50	97%
24.0	2	0.08	43.59	97%
24.0	1	0.04	43.63	97%
24.0	1	0.04	43.67	97%
7.2	1	0.14	43.81	97%
No Fishing		0.18	43.99	98%
23.5	5	0.21	44.20	98%
23.7	3	0.13	44.33	99%
24.0	4	0.17	44.49	99%
24.0	3	0.13	44.62	99%
24.1	1	0.04	44.66	99%
7.0	0	0.00	44.66	99%
No Fishing		0.02	44.68	99%
23.6	1	0.04	44.72	99%
24.2	6	0.25	44.97	100%
		0.00	44.97	100%
		0.00	44.97	100%
		0.00	44.97	100%
		0.00	44.97	100%
		0.00	44.97	100%
		0.00	44.97	100%
		0.00	44.97	100%
		0.00	44.97	100%
		0.00	44.97	100%
		0.00	44.97	100%
		0.00	44.97	100%
		0.00	44.97	100%
		0.00	44.97	100%
		0.00	44.97	100%
		0.00	44.97	100%
		0.00	44.97	100%
		0.00	44.97	100%
1,467.2	926			

Mean cumulative proportion date 7/14/1992

1993 Chum Salmon*

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion
24.0	14	0.58	18.84	58%
24.0	18	0.75	19.59	61%
24.0	11	0.46	20.05	62%
24.0	10	0.42	20.47	63%
8.5	5	0.59	21.06	65%
No Fishing		0.40	21.45	66%
24.0	5	0.21	21.66	67%
24.0	6	0.25	21.91	68%
24.0	4	0.17	22.08	68%
24.0	9	0.38	22.45	70%
24.0	11	0.46	22.91	71%
8.5	2	0.24	23.15	72%
No Fishing		0.42	23.56	73%
23.5	14	0.60	24.16	75%
24.0	14	0.58	24.74	77%
24.0	19	0.79	25.53	79%
24.0	13	0.54	26.08	81%
24.5	18	0.73	26.81	83%
8.0	3	0.38	27.19	84%
No Fishing		0.44	27.63	86%
23.7	12	0.51	28.13	87%
24.0	22	0.92	29.05	90%
24.0	8	0.33	29.38	91%
24.0	13	0.54	29.92	93%
24.0	10	0.42	30.34	94%
7.5	1	0.13	30.47	94%
No Fishing		0.17	30.65	95%
23.8	5	0.21	30.86	96%
24.0	12	0.50	31.36	97%
24.0	4	0.17	31.52	98%
24.0	2	0.08	31.61	98%
24.0	6	0.25	31.86	99%
9.0	1	0.11	31.97	99%
No Fishing		0.10	32.07	99%
23.7	2	0.08	32.15	100%
24.0	2	0.08	32.23	100%
24.0	1	0.04	32.27	100%
		0.00	32.27	100%
		0.00	32.27	100%
		0.00	32.27	100%
		0.00	32.27	100%
		0.00	32.27	100%
		0.00	32.27	100%
		0.00	32.27	100%
		0.00	32.27	100%
		0.00	32.27	100%
		0.00	32.27	100%
		0.00	32.27	100%
		0.00	32.27	100%
		0.00	32.27	100%
		0.00	32.27	100%
		0.00	32.27	100%
1,738.5	637			

Mean cumulative proportion date 7/30/1993

1994 Chum Salmon*

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion
24.0	4	0.17	42.90	88%
24.0	1	0.04	42.94	88%
24.0	2	0.08	43.02	88%
8.5	1	0.12	43.14	88%
No Fishing		0.19	43.33	89%
23.5	6	0.26	43.58	89%
24.0	11	0.46	44.04	90%
24.0	14	0.58	44.62	92%
24.0	7	0.29	44.92	92%
24.0	6	0.25	45.17	93%
8.0	4	0.50	45.67	94%
No Fishing		0.44	46.11	95%
23.5	9	0.38	46.49	95%
24.0	10	0.42	46.91	96%
		0.00	46.91	96%
Flooding		0.00	46.91	96%
		0.00	46.91	96%
		0.00	46.91	96%
		0.00	46.91	96%
17.5	0	0.00	46.91	96%
23.5	4	0.17	47.08	97%
24.0	4	0.17	47.24	97%
24.0	2	0.08	47.33	97%
25.0	0	0.00	47.33	97%
		0.00	47.33	97%
Flooding		0.00	47.33	97%
		0.00	47.33	97%
17.0	0	0.00	47.33	97%
24.0	1	0.04	47.37	97%
23.5	2	0.09	47.45	97%
24.0	5	0.21	47.66	98%
8.0	4	0.50	48.16	99%
No Fishing		0.29	48.45	99%
23.5	2	0.09	48.54	100%
24.0	3	0.13	48.67	100%
24.5	2	0.08	48.75	100%
		0.00	48.75	100%
		0.00	48.75	100%
		0.00	48.75	100%
		0.00	48.75	100%
		0.00	48.75	100%
		0.00	48.75	100%
		0.00	48.75	100%
		0.00	48.75	100%
		0.00	48.75	100%
		0.00	48.75	100%
		0.00	48.75	100%
		0.00	48.75	100%
		0.00	48.75	100%
		0.00	48.75	100%
		0.00	48.75	100%
1,390.0	891			

Mean cumulative proportion date 7/7/1994

1995 Chum Salmon*

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion
24.0	19	0.79	45.35	78%
24.0	18	0.75	46.10	79%
8.0	11	1.38	47.48	81%
No Fishing		1.06	48.54	83%
24.0	18	0.75	49.29	85%
24.0	21	0.88	50.16	86%
24.0	28	1.17	51.33	88%
24.0	9	0.38	51.71	89%
24.0	10	0.42	52.12	89%
8.0	4	0.50	52.62	90%
No Fishing		0.63	53.25	91%
24.0	18	0.75	54.00	93%
24.0	6	0.25	54.25	93%
24.0	8	0.33	54.58	94%
24.0	5	0.21	54.79	94%
24.0	7	0.29	55.08	94%
8.0	2	0.25	55.33	95%
No Fishing		0.19	55.52	95%
24.0	3	0.13	55.64	95%
24.0	8	0.33	55.98	96%
24.0	9	0.38	56.35	97%
24.0	7	0.29	56.64	97%
24.0	4	0.17	56.81	97%
8.0	1	0.13	56.94	98%
No Fishing		0.17	57.10	98%
24.0	5	0.21	57.31	98%
24.0	6	0.25	57.56	99%
24.0	5	0.21	57.77	99%
24.0	0	0.00	57.77	99%
24.0	3	0.13	57.89	99%
8.0	0	0.00	57.89	99%
No Fishing		0.00	57.89	99%
24.0	0	0.00	57.89	99%
24.0	4	0.17	58.06	100%
24.0	1	0.04	58.10	100%
24.0	0	0.00	58.10	100%
24.0	0	0.00	58.10	100%
24.0	0	0.00	58.10	100%
No Fishing		0.06	58.16	100%
24.0	3	0.13	58.29	100%
		0.00	58.29	100%
		0.00	58.29	100%
		0.00	58.29	100%
		0.00	58.29	100%
		0.00	58.29	100%
		0.00	58.29	100%
		0.00	58.29	100%
		0.00	58.29	100%
		0.00	58.29	100%
		0.00	58.29	100%
		0.00	58.29	100%
		0.00	58.29	100%
		0.00	58.29	100%
		0.00	58.29	100%
		0.00	58.29	100%
1,843.0	1,101			

Mean cumulative proportion date 7/14/1995

*counts begin the day the tenth chum was caught

- continued -

Appendix Table 4. (Page 7 of 10).

	1996 Chum Salmon*					1997 Chum Salmon*					1998 Chum Salmon*					1999 Chum Salmon*					2000 Chum Salmon*				
Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
5-Jun	20.0	14	0.70	0.70	1%			0.00	0.00	0%			0.00	0.00	0%										
6-Jun	24.0	23	0.96	1.66	2%			0.00	0.00	0%			0.00	0.00	0%										
7-Jun	24.0	19	0.79	2.45	3%			0.00	0.00	0%			0.00	0.00	0%										
8-Jun	24.0	28	1.17	3.62	4%			0.00	0.00	0%			0.00	0.00	0%										
9-Jun	24.0	23	0.96	4.58	5%			0.00	0.00	0%			0.00	0.00	0%										
10-Jun	24.0	19	0.79	5.37	6%			0.00	0.00	0%			0.00	0.00	0%										
11-Jun	24.0	28	1.17	6.53	7%			0.00	0.00	0%			0.00	0.00	0%										
12-Jun	24.0	23	0.96	7.49	9%			0.00	0.00	0%			0.00	0.00	0%										
13-Jun	24.0	9	0.38	7.87	9%			0.00	0.00	0%			0.00	0.00	0%										
14-Jun	24.0	8	0.33	8.20	9%			0.00	0.00	0%			0.00	0.00	0%						18	0	0.00	0.00	0%
15-Jun	24.0	9	0.38	8.58	10%			0.00	0.00	0%			0.00	0.00	0%						24	0	0.00	0.00	0%
16-Jun	24.0	31	1.29	9.87	11%	24.0	8	0.33	0.33	1%			0.00	0.00	0%						24	10	0.42	0.42	1%
17-Jun	24.0	27	1.13	10.99	13%	24.0	0	0.00	0.33	1%			0.00	0.00	0%						24	6	0.25	0.67	1%
18-Jun	24.0	20	0.83	11.83	14%	24.0	7	0.29	0.63	2%			0.00	0.00	0%						24	8	0.33	1.00	2%
19-Jun	24.0	18	0.75	12.58	14%	24.0	9	0.38	1.00	3%	24.0	1	0.04	0.04	0%						24	12	0.50	1.50	3%
20-Jun	24.0	30	1.25	13.83	16%	24.0	9	0.38	1.38	3%	24.0	3	0.13	0.17	1%						24	22	0.92	2.42	5%
21-Jun	24.0	12	0.50	14.33	16%	24.0	7	0.29	1.67	4%	24.0	11	0.46	0.63	2%	19	0	0.00	0.00	0%	24	18	0.75	3.17	6%
22-Jun	24.0	11	0.46	14.78	17%	24.0	5	0.21	1.88	5%	24.0	9	0.38	1.00	4%	24	0	0.00	0.00	0%	24	16	0.67	3.83	8%
23-Jun	24.0	17	0.71	15.49	18%	24.0	5	0.21	2.08	5%	24.0	10	0.42	1.42	6%	24	0	0.00	0.00	0%	24	5	0.21	4.04	8%
24-Jun	24.0	20	0.83	16.33	19%	24.0	7	0.29	2.38	6%	24.0	18	0.75	2.17	9%	24	1	0.04	0.04	0%	24	4	0.17	4.21	9%
25-Jun	24.0	21	0.88	17.20	20%	24.0	10	0.42	2.79	7%	24.0	11	0.46	2.63	10%	24	0	0.00	0.04	0%	24	16	0.67	4.88	10%
26-Jun	24.0	44	1.83	19.03	22%	24.0	7	0.29	3.08	8%	24.0	13	0.54	3.17	12%	24	2	0.08	0.13	0%	24	27	1.13	6.00	12%
27-Jun	24.0	55	2.29	21.33	24%	24.0	10	0.42	3.50	9%	24.0	7	0.29	3.46	14%	24	9	0.38	0.50	1%	24	18	0.75	6.75	14%
28-Jun	24.0	49	2.04	23.37	27%	24.0	12	0.50	4.00	10%	24.0	15	0.63	4.08	16%	24	18	0.75	1.25	3%	24	30	1.25	8.00	16%
29-Jun	8.0	34	4.25	27.62	32%	24.0	19	0.79	4.79	12%	24.0	13	0.54	4.63	18%	24	13	0.54	1.79	4%	24	18	0.75	8.75	18%
30-Jun	No Fishing		2.65	30.26	35%	24.0	14	0.58	5.38	14%	24.0	3	0.13	4.75	19%	24	13	0.54	2.33	5%	24	15	0.63	9.38	19%
1-Jul	24.0	25	1.04	31.30	36%	24.0	6	0.25	5.63	14%	24.0	4	0.17	4.92	19%	24	18	0.75	3.08	6%	24	11	0.46	9.83	20%
2-Jul	24.0	63	2.63	33.93	39%	24.0	5	0.21	5.83	15%	24.0	11	0.46	5.38	21%	24	20	0.83	3.92	8%	24	16	0.67	10.50	21%
3-Jul	24.0	43	1.79	35.72	41%	24.0	6	0.25	6.08	15%	24.0	10	0.42	5.79	23%	24	13	0.54	4.46	9%	24	19	0.79	11.29	23%
4-Jul	24.0	38	1.58	37.30	43%	24.0	5	0.21	6.29	16%	24.0	7	0.29	6.08	24%	24	21	0.88	5.33	11%	24	14	0.58	11.88	24%
5-Jul	24.0	26	1.08	38.39	44%	8.0	2	0.25	6.54	17%	24.0	16	0.67	6.75	27%	24	26	1.08	6.42	13%	24	14	0.58	12.46	25%
6-Jul	8.0	19	2.38	40.76	47%	No Fishing		0.40	6.94	18%	24.0	6	0.25	7.00	28%	24	8	0.33	6.75	14%	24	15	0.63	13.08	27%
7-Jul	No Fishing		1.29	42.05	48%	24.0	13	0.54	7.48	19%	24.0	6	0.25	7.25	29%	24	17	0.71	7.46	15%	24	8	0.33	13.42	27%
8-Jul	24.0	5	0.21	42.26	48%	24.0	27	1.13	8.60	22%	24.0	7	0.29	7.54	30%	24	9	0.38	7.83	16%	24	7	0.29	13.71	28%
9-Jul	24.0	6	0.25	42.51	49%	24.0	26	1.08	9.69	25%	24.0	14	0.58	8.13	32%	24	7	0.29	8.13	16%	No Fishing		0.58	14.29	29%
10-Jul	24.0	10	0.42	42.93	49%	24.0	18	0.75	10.44	27%	24.0	4	0.17	8.29	33%	24	18	0.75	8.88	18%	24	21	0.88	15.17	31%
11-Jul	24.0	11	0.46	43.39	50%	24.0	25	1.04	11.48	29%	8.0	4	0.50	8.79	35%	24	14	0.58	9.46	19%	24	15	0.63	15.79	32%
12-Jul	24.0	22	0.92	44.30	51%	8.0	10	1.25	12.73	32%	No Fishing		0.50	9.29	37%	24	9	0.38	9.83	20%	24	12	0.50	16.29	33%
13-Jul	8.0	11	1.38	45.68	52%	No Fishing		1.29	14.02	36%	24.0	12	0.50	9.79	38%	24	8	0.33	10.17	20%	24	12	0.50	16.79	34%
14-Jul	No Fishing		1.10	46.78	54%	24.0	32	1.33	15.35	39%	24.0	7	0.29	10.08	40%	24	14	0.58	10.75	22%	24	14	0.58	17.38	36%
15-Jul	24.0	20	0.83	47.62	54%	24.0	41	1.71	17.06	43%	24.0	15	0.63	10.71	42%	24	26	1.08	11.83	24%	8	12	1.50	18.88	39%
16-Jul	24.0	30	1.25	48.87	56%	24.0	18	0.75	17.81	45%	24.0	12	0.50	11.21	44%	24	13	0.54	12.38	25%	No Fishing		2.15	21.02	43%
17-Jul	24.0	29	1.21	50.08	57%	24.0	27	1.13	18.94	48%	24.0	14	0.58	11.79	46%	8	7	0.88	13.25	27%	24	67	2.79	23.81	49%
18-Jul	24.0	28	1.17	51.24	59%	24.0	18	0.75	19.69	50%	8.0	5	0.63	12.42	49%	No Fishing		0.44	13.69	27%	24	38	1.58	25.40	52%
19-Jul	24.0	17	0.71	51.95	59%	8.0	11	1.38	21.06	54%	No Fishing		0.40	12.81	50%	24	0	0.00	13.69	27%	24	22	0.92	26.31	54%
20-Jul	8.0	8	1.00	52.95	61%	No Fishing		1.19	22.25	57%	24.0	4	0.17	12.98	51%	24	48	2.00	15.69	31%	24	33	1.38	27.69	57%
21-Jul	No Fishing		1.23	54.18	62%	24.0	24	1.00	23.25	59%	24.0	8	0.33	13.31	52%	24	15	0.63	16.31	33%	24	24	1.00	28.69	59%
22-Jul	24.0	35	1.46	55.64	64%	24.0	14	0.58	23.83	61%	24.0	3	0.13	13.44	53%	24	46	1.92	18.23	37%	8	5	0.63	29.31	60%
23-Jul	24.0	59	2.46	58.10	66%	24.0	8	0.33	24.17	61%	24.0	6	0.25	13.69	54%	24	22	0.92	19.15	38%	No Fishi		0.94	30.25	62%
24-Jul	24.0	37	1.54	59.64	68%	24.0	24	1.00	25.17	64%	24.0	10	0.42	14.10	55%	8	11	1.38	20.52	41%	24	30	1.25	31.50	64%
25-Jul	24.0	54	2.25	61.89	71%	24.0	33	1.38	26.54	67%	8.0	5	0.63	14.73	58%	No Fishing		1.33	21.85	44%	24	36	1.50	33.00	67%
26-Jul	24.0	40	1.67	63.55	73%	8.0	9	1.13	27.67	70%	No Fishing		0.90	15.63	61%	24	31	1.29	23.15	46%	24	38	1.58	34.58	71%
27-Jul	8.0	72	9.00	72.55	83%	No Fishing		1.23	28.90	73%	24.0	28	1.17	16.79	66%	24	24	1.00	24.15	48%	24	32	1.33	35.92	73%
28-Jul	No Fishing		5.02	77.58	89%	24.0	32	1.33	30.23	77%	24.0	9	0.38	17.17	67%	24	33	1.38	25.52	51%	24	42	1.75	37.67	77%
29-Jul	24.0	25	1.04	78.62	90%	24.0	25	1.04	31.27	79%	24.0	15	0.63	17.79	70%	24	19	0.79	26.31	53%	24	15	0.63	38.29	78%
30-Jul	24.0	6	0.25	78.87	90%	24.0	16	0.67	31.94	81%	24.0	15	0.63	18.42	72%	24	18	0.75	27.06	54%	No Fishing		0.71	39.00	80%
31-Jul	24.0	12	0.50	79.37	91%	24.0	12	0.50	32.44	82%	24.0	20	0.83	19.25	76%	8	8	1.00	28.06	56%	24	19	0.79	39.79	81%
1-Aug	24.0	4	0.17	79.53	91%	24.0	5	0.21	32.65	83%	8.0	5	0.63	19.88	78%	No Fishing		0.90	28.96	58%	24	10	0.42	40.21	82%
2-Aug	24.0	9	0.38	79.91	91%	8.0	2	0.25	32.90	84%	No Fishing		0.31	20.19	79%	24	19	0.79	29.75	60%	24	11	0.46	40.67	83%

*counts begin the day the tenth chum was caught

- continued -

Appendix Table 4. (Page 8 of 10).

1996 Chum Salmon[a]

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
3-Aug	No Fishing		0.40	80.30	92%
4-Aug	No Fishing		0.40	80.70	92%
5-Aug	24.0	10	0.42	81.12	93%
6-Aug	24.0	12	0.50	81.62	93%
7-Aug	24.0	8	0.33	81.95	94%
8-Aug	24.0	3	0.13	82.08	94%
9-Aug	24.0	7	0.29	82.37	94%
10-Aug	8.0	2	0.25	82.62	94%
11-Aug	No Fishing		0.19	82.80	95%
12-Aug	24.0	3	0.13	82.93	95%
13-Aug	24.0	4	0.17	83.10	95%
14-Aug	24.0	5	0.21	83.30	95%
15-Aug	24.0	6	0.25	83.55	96%
16-Aug	24.0	6	0.25	83.80	96%
17-Aug	8.0	2	0.25	84.05	96%
18-Aug	No Fishing		0.23	84.28	96%
19-Aug	24.0	5	0.21	84.49	97%
20-Aug	24.0	4	0.17	84.66	97%
21-Aug	24.0	3	0.13	84.78	97%
22-Aug	24.0	6	0.25	85.03	97%
23-Aug	24.0	5	0.21	85.24	97%
24-Aug	8.0	3	0.38	85.62	98%
25-Aug	No Fishing		0.31	85.93	98%
26-Aug	24.0	6	0.25	86.18	99%
27-Aug	24.0	4	0.17	86.35	99%
28-Aug	24.0	2	0.08	86.43	99%
29-Aug	24.0	4	0.17	86.60	99%
30-Aug	24.0	0	0.00	86.60	99%
31-Aug	8.0	0	0.00	86.60	99%
1-Sep	No Fishing		0.06	86.66	99%
2-Sep	24.0	3	0.13	86.78	99%
3-Sep	24.0	0	0.00	86.78	99%
4-Sep	24.0	2	0.08	86.87	99%
5-Sep	24.0	3	0.13	86.99	99%
6-Sep	24.0	2	0.08	87.08	100%
7-Sep	8.0	1	0.13	87.20	100%
8-Sep	No Fishing		0.10	87.30	100%
9-Sep	24.0	2	0.08	87.39	100%
10-Sep	24.0	0	0.00	87.39	100%
11-Sep	24.0	1	0.04	87.43	100%
12-Sep			0.00	87.43	100%
13-Sep			0.00	87.43	100%
14-Sep			0.00	87.43	100%
15-Sep			0.00	87.43	100%
16-Sep			0.00	87.43	100%
17-Sep			0.00	87.43	100%
18-Sep			0.00	87.43	100%
19-Sep			0.00	87.43	100%
20-Sep			0.00	87.43	100%
21-Sep			0.00	87.43	100%
Totals	1,924.0	1,424			

Mean cumulative proportion date 7/11/1996

1997 Chum Salmon[a]

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
No Fishing		0.21	33.10	84%
24.0	5	0.21	33.31	85%
24.0	4	0.17	33.48	85%
24.0	7	0.29	33.77	86%
24.0	9	0.38	34.15	87%
24.0	2	0.08	34.23	87%
8.0	2	0.25	34.48	88%
No Fishing		0.25	34.73	88%
24.0	6	0.25	34.98	89%
24.0	5	0.21	35.19	89%
24.0	8	0.33	35.52	90%
24.0	10	0.42	35.94	91%
24.0	2	0.08	36.02	92%
8.0	0	0.00	36.02	92%
No Fishing		0.21	36.23	92%
24.0	10	0.42	36.65	93%
24.0	7	0.29	36.94	94%
24.0	5	0.21	37.15	94%
24.0	5	0.21	37.35	95%
24.0	7	0.29	37.65	96%
8.0	1	0.13	37.77	96%
No Fishing		0.48	38.25	97%
24.0	20	0.83	39.08	99%
24.0	1	0.04	39.13	99%
24.0	0	0.00	39.13	99%
24.0	0	0.00	39.13	99%
24.0	0	0.00	39.13	99%
8.0	0	0.00	39.13	99%
No Fishing		0.00	39.13	99%
16.0	0	0.00	39.13	99%
No Fishing		0.03	39.16	100%
16.0	1	0.06	39.22	100%
24.0	2	0.08	39.30	100%
24.0	0	0.00	39.30	100%
8.0	0	0.00	39.30	100%
No Fishing		0.00	39.30	100%
24.0	0	0.00	39.30	100%
24.0	0	0.00	39.30	100%
24.0	1	0.04	39.34	100%
		0.00	39.34	100%
		0.00	39.34	100%
		0.00	39.34	100%
		0.00	39.34	100%
		0.00	39.34	100%
		0.00	39.34	100%
		0.00	39.34	100%
		0.00	39.34	100%
		0.00	39.34	100%
		0.00	39.34	100%
		0.00	39.34	100%
		0.00	39.34	100%
1,648.0	743			

Mean cumulative proportion date 7/18/1997

1998 Chum Salmon[a]

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
24.0	19	0.79	20.98	82%
24.0	9	0.38	21.35	84%
24.0	5	0.21	21.56	85%
24.0	9	0.38	21.94	86%
24.0	6	0.25	22.19	87%
8.0	3	0.38	22.56	89%
No Fishing		0.29	22.85	90%
24.0	5	0.21	23.06	91%
24.0	2	0.08	23.15	91%
24.0	5	0.21	23.35	92%
24.0	6	0.25	23.60	93%
24.0	3	0.13	23.73	93%
8.0	1	0.13	23.85	94%
No Fishing		0.13	23.98	94%
24.0	0	0.08	24.06	95%
24.0	1	0.04	24.10	95%
24.0	2	0.08	24.19	95%
24.0	0	0.00	24.19	95%
24.0	0	0.00	24.19	95%
8.0	0	0.00	24.19	95%
No Fishing		0.00	24.19	95%
24.0	0	0.00	24.19	95%
24.0	2	0.08	24.27	95%
24.0	0	0.00	24.27	95%
24.0	1	0.04	24.31	96%
24.0	0	0.00	24.31	96%
8.0	0	0.00	24.31	96%
No Fishing		0.04	24.35	96%
24.0	2	0.08	24.44	96%
24.0	1	0.04	24.48	96%
24.0	1	0.04	24.52	96%
24.0	3	0.13	24.65	97%
24.0	1	0.04	24.69	97%
8.0	2	0.25	24.94	98%
No Fishing		0.17	25.10	99%
24.0	2	0.08	25.19	99%
24.0	3	0.13	25.31	100%
24.0	2	0.08	25.40	100%
		0.04	25.44	100%
		0.00	25.44	100%
		0.00	25.44	100%
		0.00	25.44	100%
		0.00	25.44	100%
		0.00	25.44	100%
		0.00	25.44	100%
		0.00	25.44	100%
		0.00	25.44	100%
		0.00	25.44	100%
		0.00	25.44	100%
		0.00	25.44	100%
1,632.0	492			

Mean cumulative proportion date 7/19/1998

1999 Chum Salmon[b]

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
24	14	0.58	30.33	61%
24	21	0.88	31.21	63%
24	10	0.42	31.63	63%
24	13	0.54	32.17	64%
8	5	0.63	32.79	66%
No Fishing		0.81	33.60	67%
24	24	1.00	34.60	69%
24	26	1.08	35.69	72%
24	22	0.92	36.60	73%
24	14	0.58	37.19	75%
24	21	0.88	38.06	76%
8	5	0.63	38.69	78%
No Fishing		0.50	39.19	79%
24	9	0.38	39.56	79%
24	18	0.75	40.31	81%
24	21	0.88	41.19	83%
24	24	1.00	42.19	85%
24	23	0.96	43.15	86%
8	16	2.00	45.15	90%
No Fishing		1.13	46.27	93%
24	6	0.25	46.52	93%
24	10	0.42	46.94	94%
24	7	0.29	47.23	95%
24	8	0.33	47.56	95%
24	7	0.29	47.85	96%
8	3	0.38	48.23	97%
No Fishing		0.33	48.56	97%
24	7	0.29	48.85	98%
24	7	0.29	49.15	98%
24	4	0.17	49.31	99%
24	3	0.13	49.44	99%
24	2	0.08	49.52	99%
8	0	0.00	49.52	99%
No Fishing		0.04	49.56	99%
24	2	0.08	49.65	99%
24	5	0.21	49.85	100%
24	1	0.04	49.90	100%
1,595	956			

Mean cumulative proportion date 7/28/1999

2000 Chum Salmon[b]

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
24	10	0.42	41.08	84%
24	12	0.50	41.58	85%
8	7	0.88	42.46	87%
No Fishing		0.54	43.00	88%
24	5	0.21	43.21	88%
24	8	0.33	43.54	89%
24	17	0.71	44.25	90%
24	15	0.63	44.88	92%
24	10	0.42	45.29	93%
24	8	0.33	45.63	93%
8	2	0.25	45.88	94%
No Fishing		0.29	46.17	94%
24	8	0.33	46.50	95%
24	8	0.33	46.83	96%
24	6	0.25	47.08	96%
24	9	0.38	47.46	97%
8	3	0.38	47.83	98%
No Fishing		0.23	48.06	98%
24	2	0.08	48.15	98%
24	5	0.21	48.35	99%
24	1	0.04	48.40	99%
24	3	0.13	48.52	99%
24	2	0.08	48.60	99%
8	0	0.00	48.60	99%
No Fishing		0.04	48.65	99%
24	2	0.08	48.73	100%
24	1	0.04	48.77	100%
24	0	0.00	48.77	100%
24	2	0.08	48.85	100%
24	0	0.00	48.85	100%
8	0	0.00	48.85	100%
No Fishi	0	0.00	48.85	100%
24	0	0.00	48.85	100%
24	0	0.00	48.85	100%
24	2	0.08	48.94	100%
24	0	0.00	48.94	100%
24	0	0.00	48.94	100%
1,754	985			

Mean cumulative proportion date ######

[a]counts begin the day the tenth chum was caught
[b]counts begin the day the first chum was caught

- continued -

Appendix Table 4. (Page 9 of 10).

2001 Chum Salmon*

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion	Average Cumulative CPUE 1982-2000	Average Cumulative Proportion 1982-2000
5-Jun						0.23	0.3%
6-Jun						0.55	0.6%
7-Jun						0.82	0.9%
8-Jun						0.23	0.3%
9-Jun						0.29	0.3%
10-Jun						0.34	0.4%
11-Jun						0.42	0.5%
12-Jun						0.50	0.6%
13-Jun						0.54	0.7%
14-Jun						0.56	0.7%
15-Jun	16.5	0	0.00	0.00	0%	0.66	1.0%
15-Jun	24	1	0.04	0.04	0%	0.91	1.4%
17-Jun	24	2	0.08	0.13	0%	1.20	2.0%
18-Jun	24	1	0.04	0.17	1%	1.55	2.8%
19-Jun	24	2	0.08	0.25	1%	1.93	3.6%
20-Jun	24	9	0.38	0.63	2%	2.31	4.4%
21-Jun	24	11	0.46	1.08	4%	2.55	5.0%
22-Jun	24	1	0.04	1.13	4%	2.96	5.9%
23-Jun	24	6	0.25	1.38	5%	3.33	6.7%
24-Jun	24	7	0.29	1.67	6%	3.70	7.6%
25-Jun	24	16	0.67	2.33	8%	4.24	8.9%
26-Jun	24	39	1.63	3.96	14%	5.04	10.5%
27-Jun	24	30	1.25	5.21	18%	5.92	12.3%
28-Jun	24	28	1.17	6.38	22%	6.81	14.2%
29-Jun	24	22	0.92	7.29	25%	7.70	15.9%
30-Jun	24	20	0.83	8.13	28%	8.45	17.4%
1-Jul	24	20	0.83	8.96	31%	9.09	18.7%
2-Jul	24	14	0.58	9.54	33%	10.02	20.6%
3-Jul	24	9	0.38	9.92	34%	10.80	22.1%
4-Jul	24	26	1.08	11.00	38%	11.59	23.7%
5-Jul	24	22	0.92	11.92	41%	12.43	25.5%
6-Jul	24	23	0.96	12.88	44%	13.32	27.3%
7-Jul	24	14	0.58	13.46	46%	14.20	29.3%
8-Jul	24	15	0.63	14.08	48%	15.08	31.4%
9-Jul	24	14	0.58	14.67	50%	16.10	33.8%
10-Jul	24	4	0.17	14.83	51%	16.94	35.6%
11-Jul	24	16	0.67	15.50	53%	17.72	37.2%
12-Jul	24	20	0.83	16.33	56%	18.52	39.0%
13-Jul	24	12	0.50	16.83	58%	19.51	41.2%
14-Jul	24	8	0.33	17.17	59%	20.36	43.0%
15-Jul	24	8	0.33	17.50	60%	21.23	45.0%
16-Jul	24	18	0.75	18.25	62%	22.04	46.7%
17-Jul	24	13	0.54	18.79	64%	22.90	48.6%
18-Jul	24	22	0.92	19.71	67%	23.70	50.4%
19-Jul	24	11	0.46	20.17	69%	24.43	52.0%
20-Jul	24	7	0.29	20.46	70%	25.45	54.2%
21-Jul	7	4	0.57	21.03	72%	26.31	56.1%
22-Jul	No Fishing			0.54	21.57	74%	27.16	57.9%
23-Jul	24	12	0.50	22.07	76%	28.04	59.7%
24-Jul	24	10	0.42	22.48	77%	28.98	61.6%
25-Jul	24	12	0.50	22.98	79%	30.01	63.9%
26-Jul	24	14	0.58	23.57	81%	31.01	66.1%
27-Jul	24	11	0.46	24.02	82%	32.29	68.6%
28-Jul	24	2	0.08	24.11	83%	33.30	70.5%
29-Jul	No Fishing			0.25	24.36	83%	34.14	72.4%
30-Jul	24	10	0.42	24.77	85%	34.94	74.2%
31-Jul	24	1	0.04	24.82	85%	35.67	75.8%
1-Aug	24	9	0.38	25.19	86%	36.21	77.1%
2-Aug	24	7	0.29	25.48	87%	36.75	78.3%

- continued -

2001 Chum Salmon[b]

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion	Average Cumulative CPUE 1982-2000	Average Cumulative Proportion 1982-2000
3-Aug	24	7	0.29	25.77	88%	37.33	79.6%
4-Aug	8	5	0.63	26.40	90%	37.89	80.9%
5-Aug	No Fishing		0.38	26.78	92%	38.39	81.9%
6-Aug	23	3	0.13	26.91	92%	38.92	83.1%
7-Aug	24	7	0.29	27.20	93%	39.46	84.3%
8-Aug	24	2	0.25	27.45	94%	39.94	85.5%
9-Aug	24	5	0.21	27.66	95%	40.40	86.5%
10-Aug	24	5	0.21	27.87	95%	40.81	87.4%
11-Aug	8	1	0.13	27.99	96%	41.14	88.1%
12-Aug	No Fishing		0.15	28.14	96%	41.47	88.8%
13-Aug	24	4	0.17	28.30	97%	41.91	89.9%
14-Aug	24	2	0.08	28.39	97%	42.28	90.7%
15-Aug	24	2	0.08	28.47	97%	42.59	91.4%
16-Aug	24	2	0.08	28.55	98%	42.88	92.1%
17-Aug	24	1	0.04	28.59	98%	43.19	92.7%
18-Aug	8	0	0.00	28.59	98%	43.50	93.4%
19-Aug	No Fishing		0.06	28.66	98%	43.77	94.0%
20-Aug	24	3	0.13	28.78	99%	44.02	94.5%
21-Aug	24	0	0.00	28.78	99%	44.27	95.1%
22-Aug	24	1	0.04	28.82	99%	44.51	95.6%
23-Aug	24	0	0.00	28.82	99%	44.71	96.0%
24-Aug	24	1	0.04	28.87	99%	44.95	96.6%
25-Aug	8	0	0.00	28.87	99%	45.14	97.0%
26-Aug	No Fishing		0.00	28.87	99%	45.28	97.3%
27-Aug	24	0	0.00	28.87	99%	45.43	97.7%
28-Aug	24	0	0.00	28.87	99%	45.53	97.9%
29-Aug	24	0	0.00	28.87	99%	45.61	98.1%
30-Aug	24	2	0.08	28.95	99%	45.70	98.3%
31-Aug	24	2	0.08	29.03	99%	45.79	98.5%
1-Sep	8	0	0.00	29.03	99%	45.86	98.7%
2-Sep	No Fishing		0.02	29.05	99%	45.94	98.8%
3-Sep	24	1	0.04	29.09	100%	46.05	99.1%
4-Sep	24	1	0.04	29.14	100%	46.11	99.2%
5-Sep	24	1	0.04	29.18	100%	46.17	99.4%
6-Sep	24	1	0.04	29.22	100%	46.24	99.5%
7-Sep						46.29	99.7%
8-Sep						46.34	99.8%
9-Sep						46.01	99.8%
10-Sep						46.03	99.9%
11-Sep						46.04	99.9%
12-Sep						46.06	99.9%
13-Sep						46.07	100.0%
14-Sep						46.08	100.0%
15-Sep						46.08	100.0%
16-Sep						46.08	100.0%
17-Sep						46.09	100.0%
18-Sep						46.09	100.0%
19-Sep						46.09	100.0%
20-Sep						46.09	100.0%
21-Sep						46.10	100.0%
Totals	1,743	642					

Mean cumulative proportion date 7/9/2001

hours begin the day the first chum was caught

Appendix Table 5. Subsistence chinook salmon catch and effort, Unalakleet River and Unalakleet Subdistrict, Norton Sound 1982-2001.

	1982*			1983*			1984*			1985				1986				1987			
Date	# of Fishers	# of Chinook	Daily Mean Catch	# of Fishers	# of Chinook	Daily Mean Catch	# of Fishers	# of Chinook	Daily Mean Catch	# of Fishers	# of Chinook	Daily Mean Catch	# of Nets Observed	# of Fishers	# of Chinook	Daily Mean Catch	# of Nets Observed	# of Fishers	# of Chinook	Daily Mean Catch	# of Nets Observed
2-Jun																					
3-Jun																					
4-Jun																					
5-Jun																					
6-Jun																					
7-Jun																					
8-Jun				4	3	0.8															
9-Jun				4	1	0.3															
10-Jun				4	7	1.8															
11-Jun				4	2	0.5															
12-Jun				4	2	0.5															
13-Jun				4	0	0.0															
14-Jun	2	4	2.0	4	1	0.3															
15-Jun	3	0	0.0	4	23	5.8															
16-Jun	4	5	1.3	4	37	9.3															
17-Jun	3	5	1.7	4	25	6.3															7
18-Jun	5	9	1.8	4	29	7.3												1	0	0.0	10
19-Jun	6	9	1.5	4	29	7.3											14	2	1	0.5	14
20-Jun	6	10	1.7	4	17	4.3											19	2	2	1.0	16
21-Jun	5	10	2.0	4	11	2.8								6	27	4.5	21	3	7	2.3	
22-Jun	4	3	0.8	4	21	5.3								6	22	3.7	21	3	3	1.0	17
23-Jun	4	7	1.8	4	24	6.0	3	1	0.3					5	13	2.6	16	5	3	0.6	18
24-Jun	4	6	1.5	4	25	6.3	4	5	1.3					5	34	6.8	16	3	4	1.3	19
25-Jun	4	13	3.3	3	6	2.0	5	18	3.6					6	93	15.5	15	3	8	2.7	20
26-Jun	4	2	0.5	3	14	4.7	5	13	2.6	4	1	0.3	16	3	87	29.0	20	1	1	1.0	22
27-Jun	3	3	1.0	3	15	5.0	4	20	5.0	4	2	0.5	16	3	38	12.7	21	4	12	3.0	22
28-Jun	3	9	3.0	4	14	3.5	5	66	13.2	4	2	0.5	19	1	9	9.0	19	5	56	11.2	21
29-Jun	3	8	2.7	4	10	2.5	5	22	4.4	4	9	2.3	19	5	8	1.6	16	7	60	8.6	22
30-Jun	4	7	1.8	4	6	1.5	5	25	5.0	5	78	15.6	16	4	9	2.3	15	6	29	4.8	15
1-Jul	5	16	3.2				4	33	8.3	3	37	12.3	13	4	11	2.8	10	7	57	8.1	23
2-Jul	6	41	6.8				3	41	13.7	3	19	6.3	12	3	5	1.7	7	6	8	1.3	26
3-Jul	5	73	14.6				2	16	8.0	3	19	6.3	11	2	2	1.0	6	4	9	2.3	22
4-Jul	4	40	10.0				2	9	4.5	3	20	6.7	12					3	2	0.7	22
5-Jul	3	24	8.0				2	16	8.0	4	31	7.8	13								
6-Jul	3	27	9.0							4	5	1.3	12					4	11	2.8	17
7-Jul	4	21	5.3							3	14	4.7						2	5	2.5	19
8-Jul	3	3	1.0							3	43	14.3	11					2	4	2.0	17
9-Jul	3	16	5.3							4	44	11.0	10					2	1	0.5	18
10-Jul	3	2	0.7							3	12	4.0	11					2	0	0.0	9
11-Jul	4	10	2.5							3	7	2.3	9					1	5	5.0	13
12-Jul										3	7	2.3	10					1	6	6.0	
13-Jul										3	9	3.0	11					1	0	0.0	9
14-Jul										4	3	0.8	10								10
15-Jul										3	11	3.7	12					1	0	0.0	10
16-Jul																					
17-Jul																					
18-Jul	2	2	1.0																		
19-Jul	2	0	0.0																		
20-Jul																					
21-Jul																					
22-Jul																					
23-Jul																					
		385			322			285			373				358				294		

* Only a select number of fishermen were interviewed, therefore catch and effort data presented here do not represent the total for the Unalakleet river. Net counts began in 1985.

-continued-

Appendix Table 5. Page (2 of 5).

	1988				1989 River				1989 Ocean			1990				1991				1992			
Date	# of Fishers	# of Chinook	Daily Mean Catch	# of Nets Observed	# of Fishers	# of Chinook	Daily Mean Catch	# of Nets Observed	# of Fishers	# of Chinook	Daily Mean Catch	# of Fishers	# of Chinook	Daily Mean Catch	# of Nets Observed	# of Fishers	# of Chinook	Daily Mean Catch	# of Nets Observed	# of Fishers	# of Chinook	Daily Mean Catch	# of Nets Observed
2-Jun																							
3-Jun																							
4-Jun																							
5-Jun																							
6-Jun	3	5	1.7	10					1	6	6.0												
7-Jun									1	1	1.0												
8-Jun	3	0	0.0	9					4	23	5.8												
9-Jun	1	0	0.0	10					4	54	13.5												
10-Jun				10																			
11-Jun	4	6	1.5	12					1	35	35.0					2	0	0.0	5				
12-Jun								5	3	43	14.3					6	27	4.5	7				
13-Jun	2	0	0.0	5	1	0	0.0	5	3	14	4.7					2	6	3.0	9				
14-Jun	1	0	0.0	7				6	6	113	18.8	4	44	11.0	8	4	11	2.8	9				
15-Jun	1	0	0.0	15				5	1	30	30.0				6	5	34	6.8	11				
16-Jun	2	1	0.5	15				7								1	10	10.0	7				
17-Jun	2	1	0.5	15												1	6	6.0	7				
18-Jun	1	5	5.0	14								2	11	5.5	1	1	4	4.0	4				
19-Jun												4	7	1.8	7	3	1	0.3	12				
20-Jun	2	3	1.5	10	3	22	7.3	7	1	1	1.0	2	5	2.5	9	6	13	2.2					
21-Jun	4	24	6.0	10	3	7	2.3	7				4	36	9.0		4	4	1.0	8				
22-Jun	3	37	12.3	12	2	2	1.0	8				2	25	12.5	9	5	12	2.4	10				
23-Jun	1	6	6.0	15	3	18	6.0	12				1	2	2.0	9				0				
24-Jun				15	4	27	6.8	14								1	0	0.0					
25-Jun	1	9	9.0	13								1	3	3.0	2	2	7	3.5	10	2	1	0.5	6
26-Jun												1	0	0.0	7	3	14	4.7		5	0	0.0	13
27-Jun				14	1	7	7.0	5				3	2	0.7	6	3	5	1.7	10	9	2	0.2	16
28-Jun					1	1	1.0	8				3	1	0.3	8	1	0	0.0	7	4	1	0.3	9
29-Jun								10				2	8	4.0	8	3	31	10.3	5	2	5	2.5	10
30-Jun												2	5	2.5	11					2	2	1.0	18
1-Jul								9											0	1	4	4.0	11
2-Jul															0				3	1	4	4.0	5
3-Jul															1					2	1	0.5	5
4-Jul								4				1	2	2.0	4					2	0	0.0	3
5-Jul								3							2					1	8	8.0	2
6-Jul								4							0					4	13	3.3	3
7-Jul								7							0					5	6	1.2	5
8-Jul								0												1	0	0.0	2
9-Jul															2					1	0	0.0	2
10-Jul															2					1	0	0.0	4
11-Jul								1															3
12-Jul								1															2
13-Jul								1															2
14-Jul								1															2
15-Jul								1															2
16-Jul																				1	6	6	7
17-Jul																							6
18-Jul																							2
19-Jul																							
20-Jul																							0
21-Jul																							1
22-Jul																							1
23-Jul																							1
		97				84				320			151				185				53		

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Appendix Table 5. Page (3 of 5)

	1993				1994 River				1994 Ocean			1995 River				1995 Ocean			1996[a]	1997 River			
Date	# of Fishers	# of Chinook	Daily Mean Catch	# of Nets Observed	# of Fishers	# of Chinook	Daily Mean Catch	# of Nets Observed	# of Fishers	# of Chinook	Daily Mean Catch	# of Fishers	# of Chinook	Daily Mean Catch	# of Nets Observed	# of Fishers	# of Chinook	Daily Mean Catch	# of Nets Observed	# of Fishers	# of Chinook	Daily Mean Catch	# of Nets Observed
2-Jun																				11	11	1.0	13
3-Jun																				1	1	1.0	17
4-Jun												1	2	2.0		1	3	3.0		2	2	1.0	18
5-Jun												1	4	4.0		1	7	7.0		2	2	1.0	19
6-Jun	1	1	1.0												11				14				21
7-Jun	2	11	5.5												11				19	2	4	2.0	20
8-Jun	6	31	5.2												12				20	1	7	7.0	6
9-Jun	7	31	4.4												10				20	2	9	4.5	7
10-Jun	8	55	6.9																18	2	6	3.0	11
11-Jun	4	32	8.0																23	4	16	4.0	13
12-Jun	2	28	14.0						1	5	5.0				12				22	2	7	3.5	13
13-Jun	2	14	7.0						2	10	5.0				11				22				12
14-Jun	6	57	9.5						2	23	11.5	2	24	12.0	12				24				11
15-Jun	2	20	10.0		2	11	5.5	10	11	158	14.4	1	9	9.0									11
16-Jun	6	25	4.2		4	43	10.8	10	4	74	18.5	2	5	2.5		1	3	3.0		1	47	47.0	3
17-Jun	3	35	11.7	15	6	50	8.3	15	3	45	15.0	2	4	2.0	13	1	40	40.0		2	55	27.5	4
18-Jun	4	20	5.0	10	7	17	2.4	7				4	2	0.5	3	1	30	30.0	9				14
19-Jun	3	17	5.7	9	2	9	4.5	5				4	24	6.0	4	1	56	56.0	8	3	31	10.3	10
20-Jun				1	3	43	14.3	3	1	26	26.0	6	18	3.0	10				9	2	5	2.5	6
21-Jun				1	2	33	16.5	2				4	18	4.5	10				9	1	37	37.0	4
22-Jun	6	68	11.3	9	4	47	11.8	5				5	32	6.4	10	1	75	75.0	9				0
23-Jun	5	25	5.0	12	4	26	6.5	6				2	14	7.0	10				9				0
24-Jun	6	56	9.3	13	4	13	3.3	7				1	8	8.0	8	1	12	12.0	9				2
25-Jun	8	51	6.4	14	3	11	3.7	2								1	14	14.0	9				3
26-Jun	3	12	4.0	10				2							1				9				2
27-Jun				0				4							3				7	1	3	3.0	3
28-Jun	2	13	6.5	3	1	3	3.0	6							4								2
29-Jun	2	14	7.0	3	3	22	7.3	5				1	10	10.0	8				5				0
30-Jun	2	8	4.0	5	1	0	0.0	4				1	4	4.0	7								0
1-Jul	2	5	2.5	8	2	1	0.5	4							1								1
2-Jul				4	1	2	2.0																
3-Jul				2																			
4-Jul																							
5-Jul																							
6-Jul																							
7-Jul																							
8-Jul																							
9-Jul																							
10-Jul																							
11-Jul																							
12-Jul																							
13-Jul																							
14-Jul																							
15-Jul																							
16-Jul																							
17-Jul																							
18-Jul																							
19-Jul																							
20-Jul																							
21-Jul																							
22-Jul																							
23-Jul																							
	639				331				341			178				240				243			

[a] Net observations were the only data collected in 1996.

-continued-

Appendix Table 5. Page (4 of 5)

	1997 Ocean			1998 River				1998 Ocean			1999 River				1999 Ocean			2000 River			
Date	# of Fishers	# of Chinook	Daily Mean Catch	# of Fishers	# of Chinook	Daily Mean Catch	# of Nets Observed	# of Fishers	# of Chinook	Daily Mean Catch	# of Fishers	# of Chinook	Daily Mean Catch	# of Nets Observed	# of Fishers	# of Chinook	Daily Mean Catch	# of Fishers	# of Chinook	Daily Mean Catch	# of Nets Observed
2-Jun	5	6	1.2																		
3-Jun	3	9	3.0																		
4-Jun	3	10	3.3																		
5-Jun	5	23	4.6																		
6-Jun				1	1	1.0	4														
7-Jun	3	19	6.3	2	3	1.5	6	2	6	3.0											
8-Jun	8	83	10.4	1	1	1.0	5	2	3	1.5											
9-Jun	9	135	15.0	1	1	1.0	2	2	5	2.5											
10-Jun	4	43	10.8	3	11	3.7	5	3	6	2.0											
11-Jun	6	169	28.2	3	13	4.3	5	4	13	3.3											
12-Jun	3	37	12.3				8	2	28	14.0											
13-Jun				4	15	3.8	11	3	37	12.3								1	0	0.0	
14-Jun				4	6	1.5	9	4	55	13.8								4	8	2.0	7
15-Jun	5	222	44.4	3	7	2.3	10	3	45	15.0								3	8	2.7	9
16-Jun				6	12	2.0	11	3	25	8.3								4	25	6.3	10
17-Jun				6	7	1.2	13	2	12	6.0								2	11	5.5	2
18-Jun				3	4	1.3	11	1	6	6.0											4
19-Jun	1	58	58.0				11														9
20-Jun							8	1	1	1.0								5	21	4.2	10
21-Jun							1				1	0	0.0					5	10	2.0	10
22-Jun							6				1	0	0.0								10
23-Jun							8				1	0	0.0					2	11	5.5	1
24-Jun							4				1	0	0.0					1	2	2.0	11
25-Jun							2				1	0	0.0		1	7	7.0				0
26-Jun							1				3	3	1.0	7	2	6	3.0	2	3	1.5	4
27-Jun							2				2	10	5.0		2	9	4.5	8	23	2.9	10
28-Jun							0				1	8	8.0	6	3	56	18.7	9	25	2.8	14
29-Jun							1				3	18	6.0	6	8	125	15.6	7	29	4.1	17
30-Jun							3				7	25	3.6	11	8	105	13.1	6	12	2.0	17
1-Jul							5				4	15	3.8	8	7	84	12.0	5	24	4.8	17
2-Jul							3				5	35	7.0	10	4	34	8.5				0
3-Jul							2				6	40	6.7	10	1	4	4.0				0
4-Jul											3	27	9.0	4				3	24	8.0	2
5-Jul															5	25	5.0	3	10	3.3	6
6-Jul											5	13	2.6					4	13	3.3	5
7-Jul											7	58	8.3					1	1	1.0	3
8-Jul											1	16	16.0					1	1	1.0	3
9-Jul																					
10-Jul											1	4	4.0	6							3
11-Jul											1	7	7.0		2	21	10.5	1	2	2.0	4
12-Jul											1	3	3.0		3	18	6.0				3
13-Jul											1	0	0.0					2	3	1.5	5
14-Jul											2	5	2.5					1	1	1.0	4
15-Jul											4	19	4.8								1
16-Jul											1	2	2.0								
17-Jul											1	7	7.0								0
18-Jul																					0
19-Jul																					1
20-Jul																					0
21-Jul																					2
22-Jul																					0
23-Jul																					0
		814			81				242			315				494			267		

-continued-

Appendix Table 5. Page (5 of 5).

	2000 Ocean			2001 River				2001 Ocean		
Date	# of Fishers	# of Chinook	Daily Mean Catch	# of Fishers	# of Chinook	Daily Mean Catch	# of Nets Observed	# of Fishers	# of Chinook	Daily Mean Catch
2-Jun										
3-Jun										
4-Jun										
5-Jun										
6-Jun										
7-Jun										
8-Jun										
9-Jun										
10-Jun										
11-Jun										
12-Jun										
13-Jun	1	2	2.0							
14-Jun	2	2	1.0							
15-Jun	4	28	7.0				4			
16-Jun	6	93	15.5							
17-Jun	5	44	8.8	2	2	1.0				
18-Jun	8	96	12.0				4			
19-Jun	9	77	8.6	2	2	1.0	4	2	4	2.0
20-Jun	13	253	19.5	4	12	3.0	8	2	12	6.0
21-Jun	3	21	7.0	3	7	2.3	8	4	18	4.5
22-Jun				2	5	2.5	11	1	16	16.0
23-Jun	1	6	6.0	5	5	1.0		3	12	4.0
24-Jun	3	8	2.7					3	26	8.7
25-Jun	1	22	22.0					3	27	9.0
26-Jun				6	43	7.2		4	67	16.8
27-Jun				5	87	17.4		2	120	60.0
28-Jun				7	99	14.1		2	44	22.0
29-Jun	1	25	25.0				10	3	70	23.3
30-Jun				2	21	10.5	10	4	10	2.5
1-Jul				5	7	1.4	0	4	28	7.0
2-Jul							1			
3-Jul							11			
4-Jul							10			
5-Jul										
6-Jul										
7-Jul										
8-Jul										
9-Jul										
10-Jul										
11-Jul										
12-Jul										
13-Jul										
14-Jul										
15-Jul										
16-Jul										
17-Jul										
18-Jul										
19-Jul										
20-Jul										
21-Jul										
22-Jul										
23-Jul										
		677			290				454	