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Unalakleet River Test Fishing Project, 1994

by

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INTRODUCTION

The Unalakleet River system drains an area of 1,087 square miles. The drainage extends westward from the Nulato Hills approximately 130 miles to the Bering Sea. The Unalakleet River and it's 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. King 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 was operated on the important North River tributary for three years (Lean 1985a, 1986b, 1987b). Hydroacoustic counting techniques were used unsuccessfully in three 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, 1995). This report presents test fishing results from the 1994 season and an expansion and recalculation of current and historical data.

METHODS

Test Fishing

Test fishing began on 16 June and ended on 8 September in 1994. The same test fishing site, located on the north bank of the Unalakleet River approximately three miles upstream from the river mouth (Figure 1), has been used since 1981.

Since 1981 similar test fishing set gillnet gear has been used. The net fished this season had a 5.875 inch stretch mesh size and was 20 fathoms in length. The net was hung at a 2:1 ratio and was constructed using light green #63 (210/18) multifilament twine, braided 0.5 inch nylon cork lines with "Spongex" floats at 30 inch intervals, and braided 95 pounds per 100 feet 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 net fishes the northern half of the channel between the island and the shore. The test net was fished throughout the season, except for five days from 17 August through 21

August and three days from 27 August through 29 August when flood waters and heavy debris loads prevented fishing. Beginning on 10 July, every Sunday was taken off. The gillnet was picked twice daily, except for 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 would decide who to give them to among the village elders. The catch of each species and the hours fished were communicated to the Nome office at least daily. During the season, the catch per unit effort (CPUE) of catch/100 fathom-hours was calculated for each species. Cumulative CPUE was calculated beginning with the first king salmon. Cumulative CPUE was calculated beginning with the tenth pink, chum and coho salmon caught to discount the first early return before the main return began.

Catch Sampling

Commercial catch sampling goals were 150 king salmon from both the Unalakleet and Shaktoolik Subdistricts and 300 coho salmon from the Unalakleet Subdistrict. The commercial catch sampling goal for chum salmon from the Unalakleet Subdistrict was 450 samples collected from 25 June to 28 July, in three periods of 150 samples per period. Age, sex and length data were collected from all king, coho and chum salmon caught in the test net. Pink salmon were only counted. 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 a biologist in Kotzebue who projected the scale impression on a microfiche reader. Three scales were taken from each king and coho salmon to compensate for regenerated and unreadable scales. One scale was taken from each chum salmon. Test fish catch sampling was done outside the bunkhouse and after sampling the fish were distributed to subsistence users.

King Salmon Subsistence Survey

To obtain an additional index of the king salmon return, one to eight subsistence fishers were interviewed daily from 15 June to 2 July. Fishers were chosen for reliability and willingness to share catch information. Mean daily catches and locations were compared daily in an effort to track the movement and magnitude of the king salmon return. The inseason surveys of the king salmon subsistence fishery are used as a subjective tool by fishery managers. The numerous subsistence nets located in the area of the Unalakleet River mouth and in the ocean near the village of Unalakleet were monitored as indicators of king salmon passage. The data from nets in the ocean were recorded separately in 1994. It was noted in 1993 that subsistence fishers were moving their nets to the ocean

to avoid debris from the spring runoff and to test gear prior to the start of the commercial fishing season (Bue, 1995).

Data Analysis

To make the data more useable as a management tool, the current and historical data were treated differently than in previous seasons. CPUE was computed in units of 20 fathom-hours, rather than 100 fathom-hours. CPUE was calculated daily. On days when no fishing occurred the CPUE was calculated by summing the CPUE's for the last day before and the first day after no fishing occurred and dividing by two. The method of calculating cumulative CPUE was also changed from the ratio of cumulative catch to cumulative hours to the sum of daily CPUE's. The historical commercial daily CPUE data was retrieved from the Annual Management Reports and additive cumulative CPUE's were calculated so that comparisons between commercial and test fishing could be made. Commercial CPUE was computed as catch per boat hour.

RESULTS

Test Fishing

A total of 35 king salmon (53% female, 47% male), 276 coho salmon (39% female, 61% male), 3,816 pink salmon, and 891 chum salmon (35% female, 65% male) were caught in the test net from 16 June to 8 September. Daily peak CPUE's occurred on 22 June for king salmon, on 10 and 22 August for coho salmon, on 14 July for pink salmon, and on 9 July for chum salmon. The current year and historical catch data is presented in Tables 1-4 and the sex composition data is presented in Tables 13-18. The 1981 catch and CPUE data are not comparable to subsequent years because of fishing site conflicts with the local family during July and August of that year, and are not included.

Commercial and Subsistence Harvests

The 1994 commercial salmon harvest by fishing period for the Unalakleet Subdistrict is presented in Table 5. Current and historical annual commercial catch and escapement data by species is presented in Tables 6-9. Current and historical commercial and subsistence annual catches are shown in Table 10.

Comparative Catch Statistics

The king salmon test fish cumulative CPUE was 52% of the 1982-1993 average, (Table 6). The king salmon commercial cumulative CPUE was 175% of the 1982-1993 average, (Table 6). The coho salmon test fish cumulative CPUE was 100% of the 1982-1993 average, (Table 7). The coho salmon commercial cumulative CPUE was 231% of the 1982-1993 average, (Table 7). The chum salmon test fish cumulative CPUE was 112% of the 1982-1993 average, (Table 8). There were no directed chum salmon commercial fishing periods in 1994, so commercial CPUE was not calculated, (Tables 5 and 8). The pink salmon catch statistics from previous years are not compared because of highly variable market conditions and run sizes.

Catch Sampling

Readable scales were collected from 32 king salmon at the test fish site. Four year old, age-1.2, king salmon contributed 6.3% of the sample. Five year old, age-1.3, king salmon contributed 71.9% of the sample. Six year old, age-1.4, king salmon contributed 18.8% of the sample. Seven year old, age-1.5, king salmon contributed 3.1% of the sample, (Table 13). Readable scales were collected from 240 king salmon from the Unalakleet subdistrict commercial fishery. Four year old, age-1.2, king salmon contributed 1.3% of the sample. Five year old, age-1.3, king salmon contributed 61.3% of the sample. Six year old, age-1.4, king salmon contributed 36.3% and six year old, age-2.3, king salmon contributed 0.8% of the sample. Seven year old, age-1.5, king salmon contributed 0.4% of the sample, (Table 14). The average length of sampled king salmon increased with age and males were larger than females, except four year old males were smaller than females in both the test and commercial fishery and five year males were smaller than females in the commercial fishery, (Tables 13 and 14).

Readable scales were collected from 183 coho salmon at the test fish site. Three year old, age-1.1, coho salmon contributed 17.5% of the sample. Four year old, age-2.1, coho salmon contributed 78.7% of the sample. Five year old, age-3.1, coho salmon contributed 3.8% of the sample, (Table 15). Readable scales were collected from 258 coho salmon from the Unalakleet subdistrict commercial fishery. Three year old, age-1.1, coho salmon contributed 22.5% of the sample. Four year old, age-2.1, coho salmon contributed 72.1% of the sample. Five year old, age-3.1, coho salmon contributed 5.4% of the sample, (Table 16). The average length of sampled coho salmon generally increased with age and males were larger than females. In the test fishery, five year old females were smaller than the younger females and three year old males were larger than four year olds which were larger than five year olds, (Table 15). In the commercial fishery,

three year old coho salmon of both sexes were larger than four year olds and four year females were larger than males, (Table 16).

Readable scales were collected from 475 chum salmon at the test fish site. Three year old, age-0.2, chum salmon contributed 0.2% of the sample. Four year old, age-0.3, chum salmon contributed 30.7% of the sample. Five year old, age-0.4, chum salmon contributed 63.2% of the sample. Six year old, age-0.5, chum salmon contributed 5.9% of the sample, (Table 17). Readable scales were collected from 437 chum salmon from the Unalakleet subdistrict commercial fishery. Three year old, age-0.2, chum salmon contributed 0.2% of the sample. Four year old, age-0.3, chum salmon contributed 54.0% of the sample. Five year old, age-0.4, chum salmon contributed 43.2% of the sample. Six year old, age-0.5, chum salmon contributed 2.5% of the sample, (Table 18). The average length of sampled chum salmon increased with age and males were larger than females, except 6 year female chum salmon were smaller than 4 year olds in the commercial fishery, (Table 18).

King Salmon Subsistence Survey

Near the mouth of the Unalakleet River subsistence fishing timing was normal, effort was slightly below average, and catch was above average. 1989 was the only other year that data was recorded for the ocean nets, so no annual comparisons were made.

DISCUSSION

The 1984 project report presented all the annual test fishing catches to that time. This project now serves as an index of escapement so only a 5.875 inch gill net is used and only historic data from that mesh size is presented here for comparison. The other mesh sizes have been dropped since 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 1982-1993 (12 year average) for each species show a correlation between the commercial and test fisheries for most years and species. However, this was not true for the 1994 king salmon commercial CPUE which was much greater than that for the test fishery or for the 1985 king salmon commercial CPUE which was much smaller than that for the test fishery (Figure 2). While the commercial king salmon harvest and escapement were below average, the commercial fishery started later than normal and fishing time was reduced, resulting in a focused and efficient harvest in 1994 that shows a high relative commercial CPUE. Both commercial and test fish CPUE indices are useful management tools when combined with run-timing data (Tables 1-9 and Figures 9-14). An example would

be the 1985 coho run 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.

Currently an escapement index has not yet been fully developed for the Unalakleet River system. Tower counts and aerial surveys for the North River are too few and inconsistent to provide an adequate data base for annual comparisons or comparisons with other indices (Tables 6-8) and it is not known how the North River compares to the entire system. Presently the test fishing project is thought to be the best index of escapement for the Unalakleet River system as the relative size of the returns of each species can be evaluated.

Commercial catch sampling goals were met for all categories except Shaktoolik Subdistrict king salmon catches and Unalakleet chum salmon. Shaktoolik king salmon were flown from Shaktoolik to Unalakleet already packed in ice and were stored at the Unalakleet airport until they could be shipped out, consequently there was little opportunity to collect the desired number of samples. The goal for the number of Unalakleet chum salmon samples was almost met, but the goal of three equal strata was not met. There were no directed chum salmon openings in 1994 and the only significant harvest of chum salmon occurred during the period from 26 July through 6 August (Table 5).

The Division of Subsistence conducted an in depth subsistence survey in the village of Unalakleet in 1994. For the first time, the results of the survey were expanded to account for all households in the village and the survey reports a larger subsistence harvest of all salmon species than reported for any previous year (Table 10).

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Table 1. Test fishing catches of king salmon in 5 7/8" mesh set gillnet,Unalakleet River, Norton Sound, 1982-1994.

1982 King Salmon[a]						1983 King Salmon[a]					1984 King Salmon[a]					1985 King Salmon[a]					1986 King Salmon[a]				
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			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%
6-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%
7-Jun			0.00	0.00	0%	12.6	1	0.08	0.08	3%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
8-Jun			0.00	0.00	0%	12.7	1	0.08	0.16	6%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
9-Jun			0.00	0.00	0%	No Fishing		0.04	0.20	8%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
10-Jun			0.00	0.00	0%	11.4	0	0.00	0.20	8%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
11-Jun			0.00	0.00	0%	No Fishing		0.09	0.29	11%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
12-Jun			0.00	0.00	0%	11.3	2	0.18	0.46	18%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
13-Jun			0.00	0.00	0%	No Fishing		0.17	0.64	25%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
14-Jun			0.00	0.00	0%	11.9	2	0.17	0.80	31%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
15-Jun			0.00	0.00	0%	11.6	1	0.09	0.89	35%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
16-Jun	24.0	1	0.04	0.04	2%	No Fishing		0.13	1.02	40%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
17-Jun	No Fishing		0.13	0.17	6%	11.6	2	0.17	1.19	47%			0.00	0.00	0%			0.00	0.00	0%	23.9	1	0.04	0.04	2%
18-Jun	24.0	5	0.21	0.38	14%	No Fishing		0.09	1.28	50%			0.00	0.00	0%			0.00	0.00	0%	24.2	2	0.08	0.12	6%
19-Jun	No Fishing		0.27	0.65	24%	11.8	0	0.00	1.28	50%			0.00	0.00	0%			0.00	0.00	0%	24.1	3	0.12	0.25	11%
20-Jun	12.0	4	0.33	0.98	36%	No Fishing		0.04	1.32	52%			0.00	0.00	0%			0.00	0.00	0%	24.0	2	0.08	0.33	15%
21-Jun	No Fishing		0.25	1.23	45%	11.8	1	0.08	1.40	55%			0.00	0.00	0%			0.00	0.00	0%	23.9	2	0.08	0.42	19%
22-Jun	12.0	2	0.17	1.40	51%	11.7	1	0.09	1.49	58%			0.00	0.00	0%			0.00	0.00	0%	24.3	2	0.08	0.50	23%
23-Jun	12.0	2	0.17	1.56	57%	No Fishing		0.04	1.53	60%			0.00	0.00	0%			0.00	0.00	0%	23.9	2	0.08	0.58	27%
24-Jun	No Fishing		0.13	1.69	62%	11.6	0	0.00	1.53	60%			0.00	0.00	0%			0.00	0.00	0%	23.7	2	0.08	0.67	30%
25-Jun	11.9	1	0.08	1.77	65%	No Fishing		0.08	1.62	63%			0.00	0.00	0%			0.00	0.00	0%	24.0	4	0.17	0.83	38%
26-Jun	No Fishing		0.13	1.90	69%	11.9	2	0.17	1.79	70%	24.2	1	0.04	0.04	1%	23.0	1	0.04	0.04	0%	25.0	6	0.24	1.07	49%
27-Jun	12.0	2	0.17	2.06	75%	No Fishing		0.13	1.91	75%	No Fishing		0.10	0.14	4%	24.5	0	0.00	0.04	0%	24.0	1	0.04	1.11	51%
28-Jun	No Fishing		0.12	2.19	80%	11.8	1	0.08	2.00	78%	24.5	4	0.16	0.31	8%	23.7	0	0.00	0.04	0%	12.1	0	0.00	1.11	51%
29-Jun	12.2	1	0.08	2.27	83%	11.5	2	0.17	2.17	85%	No Fishing		0.20	0.51	14%	24.1	2	0.08	0.13	1%	No Fishing		0.00	1.11	51%
30-Jun	13.5	2	0.15	2.42	88%	No Fishing		0.13	2.30	90%	24.4	6	0.25	0.76	21%	23.7	18	0.76	0.89	9%	24.0	0	0.00	1.11	51%
1-Jul	No Fishing		0.16	2.58	94%	11.9	1	0.08	2.38	93%	No Fishing		0.27	1.03	28%	9.8	8	0.82	1.70	17%	24.1	0	0.00	1.11	51%
2-Jul	12.0	2	0.17	2.74	100%	No Fishing		0.08	2.47	97%	No Fishing		0.27	1.30	36%	7.0	10	1.43	3.13	32%	23.9	0	0.00	1.11	51%
3-Jul			0.00	2.74	100%	11.9	1	0.08	2.55	100%	23.8	7	0.29	1.59	44%	24.0	13	0.54	3.67	37%	24.1	0	0.00	1.11	51%
4-Jul			0.00	2.74	100%			0.00	2.55	100%	No Fishing		0.33	1.93	53%	23.0	14	0.61	4.28	43%	23.9	0	0.00	1.11	51%
5-Jul			0.00	2.74	100%			0.00	2.55	100%	24.0	9	0.38	2.30	63%	23.9	9	0.38	4.66	47%	12.2	1	0.08	1.20	55%
6-Jul			0.00	2.74	100%			0.00	2.55	100%	No Fishing		0.46	2.76	76%	9.2	2	0.22	4.88	49%	No Fishing		0.12	1.32	60%
7-Jul			0.00	2.74	100%			0.00	2.55	100%	24.1	13	0.54	3.30	91%	No Fishing		0.58	5.46	55%	24.4	4	0.16	1.48	68%
8-Jul			0.00	2.74	100%			0.00	2.55	100%	No Fishing		0.29	3.59	99%	23.2	22	0.95	6.41	65%	24.5	2	0.08	1.57	71%
9-Jul			0.00	2.74	100%			0.00	2.55	100%	24.1	1	0.04	3.63	100%	24.1	14	0.58	6.99	70%	23.8	2	0.08	1.65	75%
10-Jul			0.00	2.74	100%			0.00	2.55	100%			0.00	3.63	100%	23.9	13	0.54	7.53	76%	23.9	9	0.38	2.03	92%
11-Jul			0.00	2.74	100%			0.00	2.55	100%			0.00	3.63	100%	24.1	5	0.21	7.74	78%	24.2	3	0.12	2.15	98%
12-Jul			0.00	2.74	100%			0.00	2.55	100%			0.00	3.63	100%	24.4	5	0.20	7.94	80%	12.4	0	0.00	2.15	98%
13-Jul			0.00	2.74	100%			0.00	2.55	100%			0.00	3.63	100%	8.6	1	0.12	8.06	81%	No Fishing		0.00	2.15	98%
14-Jul			0.00	2.74	100%			0.00	2.55	100%			0.00	3.63	100%	No Fishing		0.20	8.26	83%	24.6	0	0.00	2.15	98%
15-Jul			0.00	2.74	100%			0.00	2.55	100%			0.00	3.63	100%	24.3	7	0.29	8.55	86%	23.0	1	0.04	2.19	100%
16-Jul			0.00	2.74	100%			0.00	2.55	100%			0.00	3.63	100%	23.9	8	0.33	8.88	90%			0.00	2.19	100%
17-Jul			0.00	2.74	100%			0.00	2.55	100%			0.00	3.63	100%	24.3	5	0.21	9.09	92%			0.00	2.19	100%
18-Jul			0.00	2.74	100%			0.00	2.55	100%			0.00	3.63	100%	33.8	3	0.09	9.18	92%			0.00	2.19	100%
19-Jul			0.00	2.74	100%			0.00	2.55	100%			0.00	3.63	100%	24.1	4	0.17	9.35	94%			0.00	2.19	100%
20-Jul			0.00	2.74	100%			0.00	2.55	100%			0.00	3.63	100%	No Fishing		0.14	9.49	96%			0.00	2.19	100%
21-Jul			0.00	2.74	100%			0.00	2.55	100%			0.00	3.63	100%	No Fishing		0.14	9.64	97%			0.00	2.19	100%
22-Jul			0.00	2.74	100%			0.00	2.55	100%			0.00	3.63	100%	24.2	3	0.12	9.76	98%			0.00	2.19	100%
23-Jul			0.00	2.74	100%			0.00	2.55	100%			0.00	3.63	100%	24.9	1	0.04	9.80	99%			0.00	2.19	100%
24-Jul			0.00	2.74	100%			0.00	2.55	100%			0.00	3.63	100%	23.1	2	0.09	9.89	100%			0.00	2.19	100%
25-Jul			0.00	2.74	100%			0.00	2.55	100%			0.00	3.63	100%	23.7	0	0.00	9.89	100%			0.00	2.19	100%
26-Jul			0.00	2.74	100%			0.00	2.55	100%			0.00	3.63	100%	24.6	1	0.04	9.93	100%			0.00	2.19	100%
Totals	145.6	22				189.0	18				169.1	41				595.1	171				590.1	49			
	Mean cumulative proportion date				6/22/82	Mean cumulative proportion date				6/18/83	Mean cumulative proportion date				7/4/84	Mean cumulative proportion date				7/7/85	Mean cumulative proportion date				6/27/86

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

- continued -

Table 1. (page 2 of 3)

Date	1987 King Salmon[a] Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion	1988 King Salmon[a] Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion	1989 King Salmon[a] Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion	1990 King Salmon[a] Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion	1991 King Salmon[a] Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
5-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%
6-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%
7-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%
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%	22.0	4	0.18	0.18	11%
11-Jun			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%	23.6	2	0.08	0.27	16%
12-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	0.31	18%
13-Jun			0.00	0.00	0%			0.00	0.00	0%	23.5	3	0.13	0.13	6%			0.00	0.00	0%	24.0	0	0.00	0.31	18%
14-Jun			0.00	0.00	0%			0.00	0.00	0%	24.0	5	0.21	0.34	17%			0.00	0.00	0%	24.0	1	0.04	0.35	21%
15-Jun			0.00	0.00	0%			0.00	0.00	0%	24.0	4	0.17	0.50	25%	24.1	2	0.08	0.08	5%	23.9	3	0.13	0.48	28%
16-Jun			0.00	0.00	0%			0.00	0.00	0%	23.9	0	0.00	0.50	25%	10.1	0	0.00	0.08	5%	24.0	0	0.00	0.48	28%
17-Jun			0.00	0.00	0%			0.00	0.00	0%	24.0	4	0.17	0.67	33%	No Fishing		0.04	0.13	7%	24.2	2	0.08	0.56	33%
18-Jun			0.00	0.00	0%			0.00	0.00	0%	24.0	7	0.29	0.96	47%	23.7	2	0.08	0.21	12%	23.5	2	0.09	0.64	38%
19-Jun			0.00	0.00	0%			0.00	0.00	0%	24.8	3	0.12	1.08	53%	23.8	6	0.25	0.46	25%	23.8	0	0.00	0.64	38%
20-Jun	11.8	1	0.08	0.08	4%	24.3	1	0.04	0.04	6%	22.3	1	0.04	1.13	55%	24.2	26	1.07	1.54	85%	24.0	0	0.00	0.64	38%
21-Jun	No Fishing		0.04	0.13	6%	23.9	2	0.08	0.12	19%	23.8	1	0.04	1.17	57%	23.8	1	0.04	1.58	87%	24.1	1	0.04	0.68	40%
22-Jun	23.6	0	0.00	0.13	6%	24.0	3	0.13	0.25	37%	24.0	1	0.04	1.21	60%	24.2	1	0.04	1.62	89%	24.1	0	0.00	0.68	40%
23-Jun	23.9	0	0.00	0.13	6%	24.2	0	0.00	0.25	37%	24.0	2	0.08	1.29	64%	10.0	0	0.00	1.62	89%	24.0	1	0.04	0.73	43%
24-Jun	24.0	0	0.00	0.13	6%	23.7	1	0.04	0.29	43%	11.0	0	0.00	1.29	64%	No Fishing		0.02	1.64	90%	23.9	4	0.17	0.89	52%
25-Jun	24.1	2	0.08	0.21	9%	9.0	0	0.00	0.29	43%	No Fishing		0.06	1.36	67%	30.0	1	0.03	1.67	92%	24.0	3	0.13	1.02	60%
26-Jun	24.2	0	0.00	0.21	9%	No Fishing		0.02	0.31	46%	23.8	3	0.13	1.48	73%	21.8	1	0.05	1.72	94%	24.0	1	0.04	1.06	62%
27-Jun	No Fishing		0.06	0.27	12%	24.1	1	0.04	0.35	53%	24.0	0	0.00	1.48	73%	23.8	0	0.00	1.72	94%	24.1	0	0.00	1.06	62%
28-Jun	48.0	6	0.13	0.40	18%	No Fishing		0.03	0.38	57%	24.0	0	0.00	1.48	73%	23.5	0	0.00	1.72	94%	24.0	1	0.04	1.10	65%
29-Jun	23.9	0	0.00	0.40	18%	53.0	1	0.02	0.40	60%	24.0	0	0.00	1.48	73%	24.2	0	0.00	1.72	94%	9.1	2	0.22	1.32	77%
30-Jun	24.1	0	0.00	0.40	18%	19.1	0	0.00	0.40	60%	No Fishing		0.03	1.51	74%	9.3	0	0.00	1.72	94%	No Fishing		0.17	1.50	88%
1-Jul	23.7	0	0.00	0.40	18%	24.2	0	0.00	0.40	60%	34.8	2	0.06	1.57	77%	No Fishing		0.00	1.72	94%	23.6	3	0.13	1.62	95%
2-Jul	24.0	4	0.17	0.56	25%	10.3	1	0.10	0.50	74%	No Fishing		0.07	1.64	81%	22.9	0	0.00	1.72	94%	24.0	1	0.04	1.66	98%
3-Jul	24.0	2	0.08	0.65	29%	No Fishing		0.05	0.55	81%	24.1	2	0.08	1.72	85%	24.3	0	0.00	1.72	94%	24.0	0	0.00	1.66	98%
4-Jul	No Fishing		0.07	0.72	32%	24.2	0	0.00	0.55	81%	24.0	2	0.08	1.81	89%	24.0	0	0.00	1.72	94%	24.0	0	0.00	1.66	98%
5-Jul	47.6	3	0.06	0.78	35%	24.0	2	0.08	0.63	94%	23.9	1	0.04	1.85	91%	23.8	0	0.00	1.72	94%	24.0	0	0.00	1.66	98%
6-Jul	24.5	0	0.00	0.78	35%	24.0	0	0.00	0.63	94%	24.1	3	0.12	1.97	97%	23.8	0	0.00	1.72	94%	8.7	0	0.00	1.66	98%
7-Jul	24.0	4	0.17	0.95	43%	24.1	0	0.00	0.63	94%	24.0	0	0.00	1.97	97%	9.9	1	0.10	1.82	100%	No Fishing		0.00	1.66	98%
8-Jul	24.1	2	0.08	1.03	46%	23.9	1	0.04	0.67	100%	10.0	0	0.00	1.97	97%			0.00	1.82	100%	24.0	0	0.00	1.66	98%
9-Jul	24.0	1	0.04	1.08	48%	11.6	0	0.00	0.67	100%	No Fishing		0.02	1.99	98%			0.00	1.82	100%	24.0	0	0.00	1.66	98%
10-Jul	24.3	6	0.25	1.32	59%	No Fishing		0.00	0.67	100%	24.1	1	0.04	2.03	100%			0.00	1.82	100%	24.0	1	0.04	1.71	100%
11-Jul	11.2	4	0.36	1.68	75%	24.4	0	0.00	0.67	100%			0.00	2.03	100%			0.00	1.82	100%			0.00	1.71	100%
12-Jul	No Fishing		0.20	1.88	84%	23.9	0	0.00	0.67	100%			0.00	2.03	100%			0.00	1.82	100%			0.00	1.71	100%
13-Jul	23.3	1	0.04	1.92	86%	23.9	0	0.00	0.67	100%			0.00	2.03	100%			0.00	1.82	100%			0.00	1.71	100%
14-Jul	23.9	3	0.13	2.05	92%	23.9	0	0.00	0.67	100%			0.00	2.03	100%			0.00	1.82	100%			0.00	1.71	100%
15-Jul	No Fishing		0.07	2.12	95%	24.1	0	0.00	0.67	100%			0.00	2.03	100%			0.00	1.82	100%			0.00	1.71	100%
16-Jul	48.4	1	0.02	2.14	96%	10.8	0	0.00	0.67	100%			0.00	2.03	100%			0.00	1.82	100%			0.00	1.71	100%
17-Jul	23.8	1	0.04	2.18	98%	No Fishing		0.00	0.67	100%			0.00	2.03	100%			0.00	1.82	100%			0.00	1.71	100%
18-Jul	10.9	0	0.00	2.18	98%	24.1	0	0.00	0.67	100%			0.00	2.03	100%			0.00	1.82	100%			0.00	1.71	100%
19-Jul	No Fishing		0.00	2.18	98%	24.0	0	0.00	0.67	100%			0.00	2.03	100%			0.00	1.82	100%			0.00	1.71	100%
20-Jul	24.2	0	0.00	2.18	98%	24.0	0	0.00	0.67	100%			0.00	2.03	100%			0.00	1.82	100%			0.00	1.71	100%
21-Jul	23.8	0	0.00	2.18	98%	24.2	0	0.00	0.67	100%			0.00	2.03	100%			0.00	1.82	100%			0.00	1.71	100%
22-Jul	24.0	1	0.04	2.23	100%	24.0	0	0.00	0.67	100%			0.00	2.03	100%			0.00	1.82	100%			0.00	1.71	100%
23-Jul			0.00	2.23	100%	25.4	0	0.00	0.67	100%			0.00	2.03	100%			0.00	1.82	100%			0.00	1.71	100%
24-Jul			0.00	2.23	100%			0.00	0.67	100%			0.00	2.03	100%			0.00	1.82	100%			0.00	1.71	100%
25-Jul			0.00	2.23	100%			0.00	0.67	100%			0.00	2.03	100%			0.00	1.82	100%			0.00	1.71	100%
26-Jul			0.00	2.23	100%			0.00	0.67	100%			0.00	2.03	100%			0.00	1.82	100%			0.00	1.71	100%
Totals	681.3	42				668.3	13				558.1	45				425.2	41				662.6	33			
	Mean cumulative proportion date				7/10/87	Mean cumulative proportion date				6/27/88	Mean cumulative proportion date				6/19/89	Mean cumulative proportion date				6/20/90	Mean cumulative proportion date				6/24/91

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

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	1992 King Salmon[a]					1993 King Salmon[a]					1994 King 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	Average Cumulative CPUE 1982 1993	Average Cumulative Proportion 1982-1993
5-Jun			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%	0.00	0%
6-Jun			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%	0.00	0%
7-Jun			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%	0.01	0%
8-Jun			0.00	0.00	0%	23.7	1	0.04	0.04	1%			0.00	0.00	0%	0.02	1%
9-Jun			0.00	0.00	0%	24.0	1	0.04	0.08	2%			0.00	0.00	0%	0.03	1%
10-Jun			0.00	0.00	0%	24.0	4	0.17	0.25	5%			0.00	0.00	0%	0.04	2%
11-Jun			0.00	0.00	0%	24.0	3	0.13	0.38	8%			0.00	0.00	0%	0.07	3%
12-Jun			0.00	0.00	0%	24.0	4	0.17	0.54	12%			0.00	0.00	0%	0.10	4%
13-Jun			0.00	0.00	0%	24.0	3	0.13	0.67	14%			0.00	0.00	0%	0.13	6%
14-Jun			0.00	0.00	0%	24.0	2	0.08	0.75	16%			0.00	0.00	0%	0.16	8%
15-Jun			0.00	0.00	0%	24.0	1	0.04	0.79	17%			0.00	0.00	0%	0.18	10%
16-Jun			0.00	0.00	0%	24.0	6	0.25	1.04	23%	18.5	4	0.22	0.22	14%	0.24	11%
17-Jun			0.00	0.00	0%	24.3	3	0.12	1.17	25%	24.0	2	0.08	0.30	20%	0.28	13%
18-Jun			0.00	0.00	0%	24.0	1	0.04	1.21	26%	24.0	2	0.08	0.38	25%	0.32	16%
19-Jun			0.00	0.00	0%	24.0	1	0.04	1.25	27%	24.0	2	0.08	0.47	30%	0.37	19%
20-Jun			0.00	0.00	0%	23.7	1	0.04	1.29	28%	24.0	1	0.04	0.51	33%	0.51	26%
21-Jun			0.00	0.00	0%	24.0	3	0.13	1.42	31%	24.0	3	0.13	0.63	41%	0.57	28%
22-Jun			0.00	0.00	0%	24.0	1	0.04	1.46	32%	24.0	7	0.29	0.92	60%	0.64	31%
23-Jun			0.00	0.00	0%	24.0	3	0.13	1.58	34%	24.0	3	0.13	1.05	68%	0.67	33%
24-Jun			0.00	0.00	0%	24.0	7	0.29	1.87	41%	24.0	0	0.00	1.05	68%	0.72	35%
25-Jun			0.00	0.00	0%	24.0	1	0.04	1.92	42%	24.0	2	0.08	1.13	74%	0.77	38%
26-Jun			0.00	0.00	0%	25.7	2	0.08	1.99	43%	24.0	2	0.08	1.22	79%	0.84	41%
27-Jun	24.0	2	0.08	0.08	7%	22.6	6	0.27	2.26	49%	24.0	0	0.00	1.22	79%	0.91	44%
28-Jun	24.2	1	0.04	0.12	11%	23.8	4	0.17	2.43	53%	24.0	0	0.00	1.22	79%	0.97	46%
29-Jun	23.8	0	0.00	0.12	11%	24.0	4	0.17	2.59	56%	24.0	0	0.00	1.22	79%	1.04	49%
30-Jun	24.0	0	0.00	0.12	11%	24.0	4	0.17	2.76	60%	24.0	0	0.00	1.22	79%	1.17	52%
1-Jul	24.0	1	0.04	0.17	14%	24.0	4	0.17	2.93	63%	24.0	0	0.00	1.22	79%	1.31	56%
2-Jul	24.0	0	0.00	0.17	14%	24.0	2	0.08	3.01	65%	24.0	2	0.08	1.30	85%	1.53	61%
3-Jul	24.7	1	0.04	0.21	18%	8.5	6	0.71	3.72	81%	24.0	0	0.00	1.30	85%	1.71	65%
4-Jul	23.3	0	0.00	0.21	18%	No Fishing		0.35	4.07	88%	24.0	2	0.08	1.38	90%	1.85	68%
5-Jul	24.2	0	0.00	0.21	18%	23.7	0	0.00	4.07	88%	24.0	1	0.04	1.42	93%	1.95	71%
6-Jul	24.1	0	0.00	0.21	18%	24.0	3	0.13	4.19	91%	24.0	1	0.04	1.47	96%	2.05	74%
7-Jul	23.8	2	0.08	0.29	25%	24.0	7	0.29	4.49	97%	15.0	0	0.00	1.47	96%	2.24	79%
8-Jul	24.0	1	0.04	0.33	28%	24.0	1	0.04	4.53	98%	15.0	0	0.00	1.47	96%	2.40	82%
9-Jul	24.0	0	0.00	0.33	28%	24.0	1	0.04	4.57	99%	9.0	0	0.00	1.47	96%	2.48	83%
10-Jul	25.0	1	0.04	0.37	32%	9.0	0	0.00	4.57	99%	No Fishing		0.00	1.47	96%	2.60	87%
11-Jul	24.0	2	0.08	0.46	39%	No Fishing		0.00	4.57	99%	23.5	0	0.00	1.47	96%	2.67	90%
12-Jul	23.0	1	0.04	0.50	42%	24.0	0	0.00	4.57	99%	15.0	0	0.00	1.47	96%	2.72	91%
13-Jul	24.0	1	0.04	0.54	46%	24.0	1	0.04	4.61	100%	15.0	1	0.07	1.53	100%	2.75	92%
14-Jul	24.0	0	0.00	0.54	46%	24.0	0	0.00	4.61	100%	15.0	0	0.00	1.53	100%	2.78	93%
15-Jul	24.0	2	0.08	0.62	53%	24.0	0	0.00	4.61	100%	15.0	0	0.00	1.53	100%	2.83	94%
16-Jul	24.0	4	0.17	0.79	67%	24.0	0	0.00	4.61	100%	8.0	0	0.00	1.53	100%	2.88	96%
17-Jul	24.0	0	0.00	0.79	67%			0.00	4.61	100%	No Fishing		0.00	1.53	100%	2.91	96%
18-Jul	6.8	1	0.15	0.94	80%			0.00	4.61	100%	15.0	0	0.00	1.53	100%	2.93	97%
19-Jul	No Fishing		0.11	1.05	89%			0.00	4.61	100%	15.0	0	0.00	1.53	100%	2.96	98%
20-Jul	24.3	2	0.08	1.14	96%			0.00	4.61	100%	15.0	0	0.00	1.53	100%	2.98	99%
21-Jul	22.7	0	0.00	1.14	96%			0.00	4.61	100%	15.0	0	0.00	1.53	100%	3.00	99%
22-Jul	24.0	1	0.04	1.18	100%			0.00	4.61	100%	15.0	0	0.00	1.53	100%	3.02	100%
23-Jul	24.0	0	0.00	1.18	100%			0.00	4.61	100%	8.0	0	0.00	1.53	100%	3.02	100%
24-Jul	24.0	0	0.00	1.18	100%			0.00	4.61	100%	No Fishing		0.00	1.53	100%	3.03	100%
25-Jul	6.0	0	0.00	1.18	100%			0.00	4.61	100%	15.0	0	0.00	1.53	100%	3.03	100%
26-Jul			0.00	1.18	100%			0.00	4.61	100%	15.0	0	0.00	1.53	100%	3.03	100%
Totals	635.9	23				857.0	91				712.0	35					
	Mean cumulative proportion date				7/15/92	Mean cumulative proportion date				6/28/93	Mean cumulative proportion date				6/22/94		

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

Table 2. Test fishing catches of coho salmon in 5 7/8" mesh set gillnet, Unalakleet River, Norton Sound, 1981-1994.

	1981 Coho Salmon[a]					1982 Coho Salmon[a]					1983 Coho Salmon[a]					1984 Coho 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	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion
22-Jul			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
23-Jul			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
24-Jul			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
25-Jul			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
26-Jul			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
27-Jul			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
28-Jul			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
29-Jul			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
30-Jul	24.0	6	0.25	0.25	2%			0.00	0.00	0%			0.00	0.00	0%	24.6	16	0.65	0.65	3%
31-Jul	24.0	6	0.25	0.50	4%			0.00	0.00	0%			0.00	0.00	0%	2.7	2	0.74	1.39	5%
1-Aug	24.0	3	0.13	0.63	5%	3.0	9	3.00	3.00	11%			0.00	0.00	0%	23.3	26	1.12	2.51	10%
2-Aug	24.0	0	0.00	0.63	5%	4.4	3	0.68	3.68	13%			0.00	0.00	0%	No Fishing		2.30	4.80	19%
3-Aug	24.0	3	0.13	0.75	6%	No Fishing		0.64	4.33	16%			0.00	0.00	0%	4.6	16	3.48	8.28	33%
4-Aug	24.0	0	0.00	0.75	6%	13.2	8	0.61	4.93	18%			0.00	0.00	0%	No Fishing		1.94	10.23	40%
5-Aug	24.0	0	0.00	0.75	6%	7.3	6	0.82	5.75	21%	11.8	1	0.08	0.08	1%	No Fishing		1.94	12.17	48%
6-Aug	24.0	0	0.00	0.75	6%	No Fishing		0.77	6.52	24%	No Fishing		0.20	0.28	2%	24.3	10	0.41	12.58	50%
7-Aug	24.0	3	0.13	0.88	7%	No Fishing		0.77	7.29	27%	12.8	4	0.31	0.60	4%	11.0	10	0.91	13.49	53%
8-Aug	24.0	0	0.00	0.88	7%	12.6	9	0.71	8.00	29%	No Fishing		0.43	1.02	6%	23.3	11	0.47	13.96	55%
9-Aug	24.0	9	0.38	1.25	10%	12.9	0	0.00	8.00	29%	25.7	14	0.54	1.57	10%	No Fishing		0.40	14.37	57%
10-Aug	24.0	3	0.13	1.38	11%	No Fishing		0.33	8.33	31%	12.5	21	1.68	3.25	20%	23.9	8	0.33	14.70	58%
11-Aug	24.0	0	0.00	1.38	11%	12.2	8	0.66	8.99	33%	No Fishing		0.84	4.09	25%	No Fishing		0.27	14.97	59%
12-Aug	24.0	3	0.13	1.50	12%	12.5	17	1.36	10.35	38%	1.3	0	0.00	4.09	25%	No Fishing		0.27	15.25	60%
13-Aug	24.0	3	0.13	1.63	13%	No Fishing		1.41	11.76	43%	No Fishing		0.56	4.65	29%	24.0	5	0.21	15.45	61%
14-Aug	24.0	5	0.21	1.83	15%	No Fishing		1.41	13.17	48%	10.7	12	1.12	5.77	36%	24.2	4	0.17	15.62	62%
15-Aug	24.0	17	0.71	2.54	20%	12.3	18	1.46	14.63	54%	No Fishing		0.64	6.41	39%	23.8	5	0.21	15.83	63%
16-Aug	24.0	36	1.50	4.04	32%	12.2	5	0.41	15.04	55%	12.2	2	0.16	6.58	40%	24.0	5	0.21	16.04	63%
17-Aug	24.0	27	1.13	5.17	41%	No Fishing		0.41	15.46	57%	12.3	6	0.49	7.07	43%	25.0	6	0.24	16.28	64%
18-Aug	24.0	12	0.50	5.67	45%	12.0	5	0.42	15.87	58%	11.8	1	0.08	7.15	44%	No Fishing		0.35	16.63	66%
19-Aug	24.0	20	0.83	6.50	52%	12.2	1	0.08	15.96	58%	No Fishing		0.31	7.46	46%	No Fishing		0.35	16.98	67%
20-Aug	24.0	10	0.42	6.92	55%	No Fishing		0.29	16.24	60%	No Fishing		0.31	7.77	48%	24.0	11	0.46	17.43	69%
21-Aug	24.0	17	0.71	7.63	61%	No Fishing		0.29	16.53	61%	11.2	6	0.54	8.31	51%	No Fishing		0.31	17.74	70%
22-Aug	24.0	10	0.42	8.04	64%	12.2	6	0.49	17.02	62%	No Fishing		0.35	8.66	53%	24.7	4	0.16	17.91	71%
23-Aug	24.0	13	0.54	8.58	68%	11.8	2	0.17	17.19	63%	12.0	2	0.17	8.82	54%	23.2	6	0.26	18.17	72%
24-Aug	24.0	2	0.08	8.67	69%	No Fishing		0.21	17.40	64%	11.5	2	0.17	9.00	55%	24.0	9	0.38	18.54	73%
25-Aug	24.0	5	0.21	8.88	71%	12.1	3	0.25	17.65	65%	No Fishing		0.30	9.30	57%	No Fishing		0.32	18.86	75%
26-Aug	24.0	13	0.54	9.42	75%	12.2	0	0.00	17.65	65%	11.5	5	0.43	9.74	60%	No Fishing		0.32	19.18	76%
27-Aug	24.0	5	0.21	9.63	77%	No Fishing		0.44	18.09	66%	No Fishing		0.22	9.96	61%	23.0	6	0.26	19.44	77%
28-Aug	24.0	4	0.17	9.79	78%	No Fishing		0.44	18.53	68%	11.9	0	0.00	9.96	61%	22.8	9	0.39	19.83	78%
29-Aug	24.0	1	0.04	9.83	78%	12.5	11	0.88	19.41	71%	No Fishing		0.17	10.12	62%	25.3	11	0.43	20.27	80%
30-Aug	24.0	0	0.00	9.83	78%	11.3	5	0.44	19.85	73%	11.9	4	0.34	10.46	64%	24.2	4	0.17	20.43	81%
31-Aug	24.0	3	0.13	9.96	79%	No Fishing		0.47	20.32	74%	11.7	1	0.09	10.54	65%	30.7	7	0.23	20.66	82%
1-Sep	24.0	2	0.08	10.04	80%	12.2	6	0.49	20.81	76%	No Fishing		0.25	10.79	66%	No Fishing		0.26	20.92	83%
2-Sep	24.0	1	0.04	10.08	80%	11.5	2	0.17	20.98	77%	12.3	5	0.41	11.20	69%	No Fishing		0.26	21.19	84%
3-Sep	24.0	2	0.08	10.17	81%	No Fishing		0.43	21.42	79%	No Fishing		0.36	11.56	71%	16.7	5	0.30	21.49	85%
4-Sep	24.0	3	0.13	10.29	82%	No Fishing		0.43	21.85	80%	47.9	15	0.31	11.87	73%	23.0	6	0.26	21.75	86%
5-Sep	24.0	6	0.25	10.54	84%	11.6	8	0.69	22.54	83%	No Fishing		0.39	12.26	75%	24.2	7	0.29	22.04	87%
6-Sep	24.0	6	0.25	10.79	86%	9.8	3	0.31	22.84	84%	23.8	11	0.46	12.72	78%	24.2	9	0.37	22.41	89%
7-Sep	24.0	3	0.13	10.92	87%	No Fishing		0.15	23.00	84%	23.7	5	0.21	12.93	80%	24.3	10	0.41	22.82	90%
8-Sep	24.0	6	0.25	11.17	89%	11.8	0	0.00	23.00	84%	23.8	6	0.25	13.18	81%	No Fishing		0.31	23.13	91%
9-Sep	24.0	6	0.25	11.42	91%	No Fishing		0.23	23.22	85%	24.2	10	0.41	13.60	84%	No Fishing		0.31	23.44	93%
10-Sep	24.0	9	0.38	11.79	94%	28.5	13	0.46	23.68	87%	24.2	3	0.12	13.72	84%	23.5	5	0.21	23.66	94%
11-Sep	24.0	3	0.13	11.92	95%	23.5	14	0.60	24.28	89%	24.2	2	0.08	13.80	85%	33.1	2	0.06	23.72	94%
12-Sep	24.0	3	0.13	12.04	96%	25.6	8	0.31	24.59	90%	24.1	8	0.33	14.14	87%	22.0	3	0.14	23.85	94%
13-Sep	24.0	6	0.25	12.29	98%	25.6	5	0.20	24.78	91%	No Fishing		0.47	14.61	90%	17.0	3	0.18	24.03	95%
14-Sep	24.0	0	0.00	12.29	98%	21.3	6	0.28	25.07	92%	22.7	14	0.62	15.23	94%	23.7	1	0.04	24.07	95%
15-Sep	24.0	0	0.00	12.29	98%	26.7	7	0.26	25.33	93%	24.2	9	0.37	15.60	96%	No Fishing		0.10	24.18	96%
16-Sep	24.0	3	0.13	12.42	99%	22.2	5	0.23	25.55	94%	21.0	3	0.14	15.74	97%	No Fishing		0.10	24.28	96%
17-Sep	24.0	0	0.00	12.42	99%	24.8	10	0.40	25.96	95%	23.9	2	0.08	15.82	97%	24.6	4	0.16	24.44	97%
18-Sep	24.0	0	0.00	12.42	99%	22.1	15	0.68	26.63	98%	23.0	2	0.09	15.91	98%	24.4	4	0.16	24.60	97%
19-Sep	24.0	0	0.00	12.42	99%	30.2	4	0.13	26.77	98%	No Fishing		0.08	16.00	98%	No Fishing		0.23	24.83	98%
20-Sep	24.0	3	0.13	12.54	100%	19.1	0	0.00	26.77	98%	48.9	4	0.08	16.08	99%	23.8	7	0.29	25.13	99%
21-Sep			0.00	12.54	100%	26.2	4	0.15	26.92	99%	24.0	3	0.13	16.20	100%	8.6	0	0.00	25.13	99%
22-Sep			0.00	12.54	100%	27.6	6	0.22	27.14	99%	24.2	0	0.00	16.20	100%	No Fishing		0.04	25.17	99%
23-Sep			0.00	12.54	100%	20.2	2	0.10	27.24	100%	23.4	1	0.04	16.25	100%	No Fishing		0.04	25.21	100%
24-Sep			0.00	12.54	100%	23.8	1	0.04	27.28	100%			0.00	16.25	100%	23.6	2	0.08	25.30	100%
Totals	1,272.0	301				623.2	235				656.3	184				817.3	259			
	Mean cumulative proportion date				8/19/81	Mean cumulative proportion date				8/15/82	Mean cumulative proportion date				8/21/83	Mean cumulative proportion date				8/6/84

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

- continued -

Table 2. (Page 2 of 4).

1985 Coho Salmon[a]

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	23.7	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		0.06	7.68	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 8/24/85

1986 Coho 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%
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 8/6/86

1987 Coho 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%
		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%
		0.00	6.58	100%
707.8	128			

Mean cumulative proportion date 8/30/87

1988 Coho 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%
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%
23.7	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%
25.0	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%
776.3	172			

Mean cumulative proportion date 8/13/88

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

- continued -

1989 Coho Salmon[a]

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	24.5	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		0.18	7.18	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 8/15/89

1990 Coho Salmon[a]

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

Mean cumulative proportion date 8/22/90

1991 Coho Salmon[a]

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	8.1	1	0.12	0.12	1%
4-Aug	No Fishing		0.08	0.21	2%
5-Aug	23.7	1	0.04	0.25	3%
6-Aug	24.0	3	0.13	0.37	4%
7-Aug	24.0	3	0.13	0.50	6%
8-Aug	24.2	12	0.50	0.99	12%
9-Aug	23.8	3	0.13	1.12	13%
10-Aug	9.1	1	0.11	1.23	15%
11-Aug	No Fishing		0.20	1.43	17%
12-Aug	23.9	7	0.29	1.72	20%
13-Aug	24.0	1	0.04	1.77	21%
14-Aug	24.0	1	0.04	1.81	21%
15-Aug	24.0	3	0.13	1.93	23%
16-Aug	24.0	0	0.00	1.93	23%
17-Aug	9.0	0	0.00	1.93	23%
18-Aug	No Fishing		0.11	2.04	24%
19-Aug	23.8	5	0.21	2.25	27%
20-Aug	24.0	2	0.08	2.33	28%
21-Aug	24.0	10	0.42	2.75	32%
22-Aug	24.0	8	0.33	3.08	36%
23-Aug	24.0	5	0.21	3.29	39%
24-Aug	8.5	1	0.12	3.41	40%
25-Aug	No Fishing		0.25	3.66	43%
26-Aug	23.5	9	0.38	4.04	48%
27-Aug	24.0	4	0.17	4.21	50%
28-Aug	24.3	1	0.04	4.25	50%
29-Aug	25.6	1	0.04	4.29	51%
30-Aug	22.5	4	0.18	4.47	53%
31-Aug	8.4	0	0.00	4.47	53%
1-Sep	No Fishing		0.24	4.70	56%
2-Sep	23.4	11	0.47	5.17	61%
3-Sep	24.0	10	0.42	5.59	66%
4-Sep	24.2	13	0.54	6.12	72%
5-Sep	24.0	5	0.21	6.33	75%
6-Sep	23.9	8	0.33	6.67	79%
7-Sep	8.3	6	0.72	7.39	87%
8-Sep	No Fishing		0.53	7.92	94%
9-Sep	24.2	8	0.33	8.25	98%
10-Sep	23.7	5	0.21	8.46	100%
11-Sep			0.00	8.46	100%
12-Sep			0.00	8.46	100%
13-Sep			0.00	8.46	100%
14-Sep			0.00	8.46	100%
15-Sep			0.00	8.46	100%
16-Sep			0.00	8.46	100%
17-Sep			0.00	8.46	100%
18-Sep			0.00	8.46	100%
19-Sep			0.00	8.46	100%
20-Sep			0.00	8.46	100%
21-Sep			0.00	8.46	100%
22-Sep			0.00	8.46	100%
23-Sep			0.00	8.46	100%
24-Sep			0.00	8.46	100%
Totals	698.1	152			

Mean cumulative proportion date 8/27/91

1992 Coho Salmon[a]

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

Mean cumulative proportion date 9

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

- continued -

Table 2. (Page 4 of 4).

	1993 Coho Salmon[a]					1994 Coho 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 CPUE 1982 1993	Average Cumulative Proportion 1982-1993
22-Jul			0.00	0.00	0%			0.00	0.00	0%	0.00	0%
23-Jul			0.00	0.00	0%			0.00	0.00	0%	0.00	0%
24-Jul			0.00	0.00	0%			0.00	0.00	0%	0.00	0%
25-Jul			0.00	0.00	0%	15.0	6	0.40	0.40	3%	0.00	0%
26-Jul			0.00	0.00	0%	15.0	2	0.13	0.53	4%	0.00	0%
27-Jul			0.00	0.00	0%	15.0	1	0.07	0.60	4%	0.03	0%
28-Jul			0.00	0.00	0%	15.0	4	0.27	0.87	6%	0.05	0%
29-Jul			0.00	0.00	0%	15.0	1	0.07	0.93	7%	0.08	1%
30-Jul			0.00	0.00	0%	8.5	1	0.12	1.05	7%	0.15	1%
31-Jul			0.00	0.00	0%	No Fishing		0.14	1.19	8%	0.25	2%
1-Aug			0.00	0.00	0%	23.5	4	0.17	1.37	10%	0.69	4%
2-Aug			0.00	0.00	0%	24.0	1	0.04	1.41	10%	1.04	6%
3-Aug			0.00	0.00	0%	24.0	7	0.29	1.70	12%	1.49	8%
4-Aug			0.00	0.00	0%	24.0	5	0.21	1.91	13%	1.84	10%
5-Aug			0.00	0.00	0%	24.0	4	0.17	2.07	15%	2.23	13%
6-Aug	24.0	3	0.13	0.13	2%	8.5	1	0.12	2.19	16%	2.56	15%
7-Aug	8.5	1	0.12	0.24	3%	No Fishing		0.36	2.55	18%	2.91	18%
8-Aug	No Fishing		0.10	0.34	5%	23.5	14	0.60	3.14	22%	3.20	20%
9-Aug	24.0	2	0.08	0.43	6%	24.0	9	0.38	3.52	25%	3.47	22%
10-Aug	24.0	1	0.04	0.47	6%	24.0	22	0.92	4.44	31%	3.85	25%
11-Aug	24.0	1	0.04	0.51	7%	24.0	6	0.25	4.69	33%	4.56	29%
12-Aug	24.0	0	0.00	0.51	7%	24.0	4	0.17	4.85	34%	5.25	32%
13-Aug	24.0	3	0.13	0.63	9%	8.0	2	0.25	5.10	36%	5.72	35%
14-Aug	8.5	0	0.00	0.63	9%	No Fishing		0.40	5.50	39%	6.19	38%
15-Aug	No Fishing		0.11	0.74	10%	23.5	13	0.55	6.06	43%	6.60	41%
16-Aug	23.5	5	0.21	0.95	13%	24.0	10	0.42	6.47	46%	6.85	42%
17-Aug	24.0	7	0.29	1.25	17%	Flooding		0.00	6.47	46%	7.26	45%
18-Aug	24.0	16	0.67	1.91	26%			0.00	6.47	46%	7.59	48%
19-Aug	24.0	6	0.25	2.16	30%			0.00	6.47	46%	7.93	51%
20-Aug	24.5	11	0.45	2.61	36%			0.00	6.47	46%	8.20	53%
21-Aug	8.0	1	0.13	2.74	38%			0.00	6.47	46%	8.50	55%
22-Aug	No Fishing		0.21	2.95	40%	17.5	30	1.71	8.19	58%	8.75	57%
23-Aug	23.7	7	0.30	3.24	45%	23.5	13	0.55	8.74	62%	8.99	59%
24-Aug	24.0	5	0.21	3.45	47%	24.0	18	0.75	9.49	67%	9.25	62%
25-Aug	24.0	11	0.46	3.91	54%	24.0	22	0.92	10.41	74%	9.50	64%
26-Aug	24.0	7	0.29	4.20	58%	25.0	24	0.96	11.37	80%	9.75	66%
27-Aug	24.5	9	0.37	4.57	63%	Flooding		0.00	11.37	80%	10.04	68%
28-Aug	7.5	3	0.40	4.97	68%	Flooding		0.00	11.37	80%	10.34	70%
29-Aug	No Fishing		0.24	5.21	72%			0.00	11.37	80%	10.61	72%
30-Aug	23.8	2	0.08	5.29	73%	17.0	18	1.06	12.43	88%	10.83	74%
31-Aug	24.0	6	0.25	5.54	76%	24.0	13	0.54	12.97	92%	11.03	76%
1-Sep	24.0	4	0.17	5.71	78%	23.5	6	0.26	13.22	94%	11.26	78%
2-Sep	24.0	5	0.21	5.92	81%	24.0	6	0.25	13.47	95%	11.45	79%
3-Sep	24.0	5	0.21	6.13	84%	8.0	1	0.13	13.60	96%	11.66	81%
4-Sep	9.0	2	0.22	6.35	87%	No Fishing		0.19	13.79	98%	11.90	83%
5-Sep	No Fishing		0.30	6.65	91%	23.5	6	0.26	14.04	99%	12.14	85%
6-Sep	23.7	9	0.38	7.03	97%	24.0	1	0.04	14.09	100%	12.39	87%
7-Sep	24.0	1	0.04	7.07	97%	24.5	1	0.04	14.13	100%	12.65	90%
8-Sep	24.0	5	0.21	7.28	100%			0.00	14.13	100%	12.93	93%
9-Sep			0.00	7.28	100%			0.00	14.13	100%	13.13	94%
10-Sep			0.00	7.28	100%			0.00	14.13	100%	13.28	95%
11-Sep			0.00	7.28	100%			0.00	14.13	100%	13.40	96%
12-Sep			0.00	7.28	100%			0.00	14.13	100%	13.52	97%
13-Sep			0.00	7.28	100%			0.00	14.13	100%	13.61	97%
14-Sep			0.00	7.28	100%			0.00	14.13	100%	13.70	98%
15-Sep			0.00	7.28	100%			0.00	14.13	100%	13.78	98%
16-Sep			0.00	7.28	100%			0.00	14.13	100%	13.83	98%
17-Sep			0.00	7.28	100%			0.00	14.13	100%	13.89	99%
18-Sep			0.00	7.28	100%			0.00	14.13	100%	13.98	99%
19-Sep			0.00	7.28	100%			0.00	14.13	100%	14.02	99%
20-Sep			0.00	7.28	100%			0.00	14.13	100%	14.06	100%
21-Sep			0.00	7.28	100%			0.00	14.13	100%	14.10	100%
22-Sep			0.00	7.28	100%			0.00	14.13	100%	14.12	100%
23-Sep			0.00	7.28	100%			0.00	14.13	100%	14.13	100%
24-Sep			0.00	7.28	100%			0.00	14.13	100%	14.14	100%
Totals	617.2	138				569.0	276					

Mean cumulative proportion date 8/25/93 Mean cumulative proportion date 8/22/94

Table 3. Test fishing catches of Pink salmon in 5 7/8" mesh set gillnet, Unalakleet River, Norton Sound, 1981-1994.

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 7/22/81

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%
		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 7/7/82

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%
		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	95%
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%
		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 7/12/83

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%
		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%
		0.00	62.26	100%
		0.00	62.26	100%
		0.00	62.26	100%
		0.00	62.26	100%
595.0	637			

Mean cumulative proportion date 7/12/84

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

- continued -

1985 Pink Salmon[b]

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative 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	24.1	1	0.04	0.04	6%
30-Jun	23.7	1	0.04	0.08	12%
1-Jul	9.8	0	0.00	0.08	12%
2-Jul	7.0	0	0.00	0.08	12%
3-Jul	24.0	0	0.00	0.08	12%
4-Jul	23.8	0	0.00	0.08	12%
5-Jul	23.9	0	0.00	0.08	12%
6-Jul	9.2	1	0.11	0.19	28%
7-Jul	No Fishing		0.08	0.27	40%
8-Jul	23.2	1	0.04	0.31	46%
9-Jul	24.1	0	0.00	0.31	46%
10-Jul	23.9	0	0.00	0.31	46%
11-Jul	24.1	0	0.00	0.31	46%
12-Jul	24.4	0	0.00	0.31	46%
13-Jul	8.6	0	0.00	0.31	46%
14-Jul	No Fishing		0.00	0.31	46%
15-Jul	24.3	0	0.00	0.31	46%
16-Jul	23.9	0	0.00	0.31	46%
17-Jul	24.3	3	0.12	0.43	64%
18-Jul	33.8	4	0.12	0.55	81%
19-Jul	24.1	0	0.00	0.55	81%
20-Jul	No Fishing		0.02	0.57	84%
21-Jul	No Fishing		0.02	0.59	88%
22-Jul	24.2	1	0.04	0.64	94%
23-Jul	24.9	0	0.00	0.64	94%
24-Jul	23.1	1	0.04	0.68	100%
25-Jul			0.00	0.68	100%
26-Jul			0.00	0.68	100%
27-Jul			0.00	0.68	100%
28-Jul			0.00	0.68	100%
29-Jul			0.00	0.68	100%
30-Jul			0.00	0.68	100%
31-Jul			0.00	0.68	100%
1-Aug			0.00	0.68	100%
2-Aug			0.00	0.68	100%
3-Aug			0.00	0.68	100%
4-Aug			0.00	0.68	100%
5-Aug			0.00	0.68	100%
6-Aug			0.00	0.68	100%
7-Aug			0.00	0.68	100%
8-Aug			0.00	0.68	100%
9-Aug			0.00	0.68	100%
10-Aug			0.00	0.68	100%
11-Aug			0.00	0.68	100%
12-Aug			0.00	0.68	100%
13-Aug			0.00	0.68	100%
14-Aug			0.00	0.68	100%
15-Aug			0.00	0.68	100%
16-Aug			0.00	0.68	100%
17-Aug			0.00	0.68	100%
18-Aug			0.00	0.68	100%
19-Aug			0.00	0.68	100%
20-Aug			0.00	0.68	100%
21-Aug			0.00	0.68	100%
22-Aug			0.00	0.68	100%
23-Aug			0.00	0.68	100%
24-Aug			0.00	0.68	100%
25-Aug			0.00	0.68	100%
26-Aug			0.00	0.68	100%
27-Aug			0.00	0.68	100%
28-Aug			0.00	0.68	100%
29-Aug			0.00	0.68	100%
30-Aug			0.00	0.68	100%
31-Aug			0.00	0.68	100%
1-Sep			0.00	0.68	100%
2-Sep			0.00	0.68	100%
3-Sep			0.00	0.68	100%
Totals	476.4	13			

Mean cumulative proportion date 7/17/85

1986 Pink Salmon[a]

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative 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	23.9	7	0.29	0.29	1%
22-Jun	24.3	13	0.53	0.83	2%
23-Jun	23.9	21	0.88	1.71	4%
24-Jun	23.7	37	1.56	3.27	8%
25-Jun	24.0	51	2.13	5.39	14%
26-Jun	25.0	39	1.56	6.95	18%
27-Jun	24.0	27	1.13	8.08	21%
28-Jun	12.1	8	0.66	8.74	22%
29-Jun	24.0	36	1.50	10.24	26%
30-Jun	24.0	64	2.67	12.91	33%
1-Jul	24.1	75	3.11	16.02	41%
2-Jul	23.9	66	2.76	18.78	48%
3-Jul	24.1	29	1.20	19.98	51%
4-Jul	23.9	28	1.17	21.15	54%
5-Jul	12.2	11	0.90	22.06	56%
6-Jul	24.0	7	0.29	22.35	57%
7-Jul	24.4	2	0.08	22.43	57%
8-Jul	24.5	2	0.08	22.51	57%
9-Jul	23.8	4	0.17	22.68	58%
10-Jul	23.9	3	0.13	22.80	58%
11-Jul	24.2	3	0.12	22.93	58%
12-Jul	12.4	1	0.08	23.01	58%
13-Jul	24.0	2	0.08	23.09	59%
14-Jul	24.6	3	0.12	23.21	59%
15-Jul	23.0	2	0.09	23.30	59%
16-Jul	24.1	3	0.12	23.43	60%
17-Jul	24.0	14	0.58	24.01	61%
18-Jul	26.4	24	0.91	24.92	63%
19-Jul	24.0	21	0.88	25.79	66%
20-Jul	24.0	18	0.75	26.54	67%
21-Jul	24.0	15	0.63	27.17	69%
22-Jul	24.2	13	0.54	27.71	70%
23-Jul	26.8	10	0.37	28.08	71%
24-Jul	12.9	23	1.78	29.86	76%
25-Jul	24.1	41	1.70	31.56	80%
26-Jul	12.0	22	1.83	33.40	85%
27-Jul	24.0	15	0.63	34.02	86%
28-Jul	24.2	7	0.29	34.31	87%
29-Jul	24.2	7	0.29	34.60	88%
30-Jul	23.9	3	0.13	34.73	88%
31-Jul	24.5	10	0.41	35.13	89%
1-Aug	No Fishing		0.49	35.63	91%
2-Aug	No Fishing		0.49	36.12	92%
3-Aug	No Fishing		0.49	36.61	93%
4-Aug	No Fishing		0.49	37.11	94%
5-Aug	24.2	14	0.58	37.69	96%
6-Aug	24.2	6	0.25	37.93	96%
7-Aug	23.7	7	0.30	38.23	97%
8-Aug	24.4	1	0.04	38.27	97%
9-Aug	11.9	2	0.17	38.44	98%
10-Aug	No Fishing		0.21	38.65	98%
11-Aug	24.0	6	0.25	38.90	99%
12-Aug	24.2	2	0.08	38.98	99%
13-Aug	24.0	0	0.00	38.98	99%
14-Aug	24.1	1	0.04	39.02	99%
15-Aug	24.1	3	0.12	39.15	99%
16-Aug	No Fishing		0.08	39.23	100%
17-Aug	24.0	1	0.04	39.27	100%
18-Aug	23.9	0	0.00	39.27	100%
19-Aug	24.1	1	0.04	39.31	100%
20-Aug	24.0	1	0.04	39.35	100%
21-Aug			0.00	39.35	100%
22-Aug			0.00	39.35	100%
23-Aug			0.00	39.35	100%
24-Aug			0.00	39.35	100%
25-Aug			0.00	39.35	100%
26-Aug			0.00	39.35	100%
27-Aug			0.00	39.35	100%
28-Aug			0.00	39.35	100%
29-Aug			0.00	39.35	
30-Aug			0.00	39.35	100%
31-Aug			0.00	39.35	100%
1-Sep			0.00	39.35	100%
2-Sep			0.00	39.35	100%
3-Sep			0.00	39.35	100%
Totals	1258.0	832			

Mean cumulative proportion date 7/3/86

1987 Pink Salmon[a]

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative 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	24.1	2	0.08	0.08	2%
9-Jul	24.0	1	0.04	0.12	3%
10-Jul	24.3	5	0.21	0.33	8%
11-Jul	11.2	1	0.09	0.42	10%
12-Jul	No Fishing		0.07	0.49	12%
13-Jul	23.3	1	0.04	0.53	13%
14-Jul	23.9	0	0.00	0.53	13%
15-Jul	No Fishing		0.10	0.63	15%
16-Jul	48.4	10	0.21	0.84	20%
17-Jul	23.8	2	0.08	0.92	22%
18-Jul	10.9	0	0.00	0.92	22%
19-Jul	No Fishing		0.39	1.32	32%
20-Jul	24.2	19	0.79	2.10	51%
21-Jul	23.8	22	0.92	3.02	74%
22-Jul	24.0	18	0.75	3.77	92%
23-Jul	24.3	3	0.12	3.90	95%
24-Jul	23.8	4	0.17	4.07	99%
25-Jul	10.5	0	0.00	4.07	99%
26-Jul	No Fishing		0.00	4.07	99%
27-Jul	23.4	0	0.00	4.07	99%
28-Jul	24.3	1	0.04	4.11	100%
29-Jul			0.00	4.11	100%
30-Jul			0.00	4.11	100%
31-Jul			0.00	4.11	100%
1-Aug			0.00	4.11	100%
2-Aug			0.00	4.11	100%
3-Aug			0.00	4.11	100%
4-Aug			0.00	4.11	100%
5-Aug			0.00	4.11	100%
6-Aug			0.00	4.11	100%
7-Aug			0.00	4.11	100%
8-Aug			0.00	4.11	100%
9-Aug			0.00	4.11	100%
10-Aug			0.00	4.11	100%
11-Aug			0.00	4.11	100%
12-Aug			0.00	4.11	100%
13-Aug			0.00	4.11	100%
14-Aug			0.00	4.11	100%
15-Aug			0.00	4.11	100%
16-Aug			0.00	4.11	100%
17-Aug			0.00	4.11	100%
18-Aug			0.00	4.11	100%
19-Aug			0.00	4.11	100%
20-Aug			0.00	4.11	100%
21-Aug			0.00	4.11	100%
22-Aug			0.00	4.11	100%
23-Aug			0.00	4.11	100%
24-Aug			0.00	4.11	100%
25-Aug			0.00	4.11	100%
26-Aug			0.00	4.11	100%
27-Aug			0.00	4.11	100%
28-Aug			0.00	4.11	100%
29-Aug			0.00	4.11	100%
30-Aug			0.00	4.11	100%
31-Aug			0.00	4.11	100%
1-Sep			0.00	4.11	100%
2-Sep			0.00	4.11	100%
3-Sep			0.00	4.11	100%
Totals	392.2	89			

Mean cumulative proportion date 7/20/87

1988 Pink Salmon[a]

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative 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	24.3	32	1.32	1.32	3%
21-Jun	23.9	20	0.84	2.15	4%
22-Jun	24.0	35	1.46	3.61	7%
23-Jun	24.2	22	0.91	4.52	9%
24-Jun	23.7	10	0.42	4.94	10%
25-Jun	9.0	16	1.78	6.72	14%
26-Jun	No Fishing		2.01	8.73	18%
27-Jun	24.1	54	2.24	10.97	22%
28-Jun	No Fishing		1.62	12.59	25%
29-Jun	53.0	53	1.00	13.59	27%
30-Jun	19.1	38	1.99	15.58	31%
1-Jul	24.2	72	2.98	18.56	37%
2-Jul	10.3	27	2.62	21.18	43%
3-Jul	No Fishing		2.10	23.27	47%
4-Jul	24.2	38	1.57	24.84	50%
5-Jul	24.0	32	1.33	26.18	53%
6-Jul	24.0	23	0.96	27.13	55%
7-Jul	24.1	29	1.20	28.34	57%
8-Jul	23.9	27	1.13	29.47	60%
9-Jul	11.6	22	1.90	31.36	63%
10-Jul	No Fishing		3.30	34.67	70%
11-Jul	24.4	115	4.71	39.38	80%
12-Jul	23.9	52	2.18	41.56	84%
13-Jul	23.9	36	1.51	43.06	87%
14-Jul	23.9	14	0.59	43.65	88%
15-Jul	24.1	9	0.37	44.02	89%
16-Jul	10.8	7	0.65	44.67	90%
17-Jul	No Fishing		0.61	45.29	91%
18-Jul	24.1	14	0.58	45.87	93%
19-Jul	24.0	12	0.50	46.37	94%
20-Jul	24.0	6	0.25	46.62	94%
21-Jul	24.8	8	0.32	46.94	95%
22-Jul	24.0	6	0.25	47.19	95%
23-Jul	25.4	3	0.12	47.31	96%
24-Jul	No Fishing		0.24	47.54	96%
25-Jul	No Fishing		0.24	47.78	96%
26-Jul	No Fishing		0.24	48.01	97%
27-Jul	22.7	8	0.35	48.37	98%
28-Jul	24.3	5	0.21	48.57	98%
29-Jul	23.6	4	0.17	48.74	98%
30-Jul	11.3	1	0.09	48.83	99%
31-Jul	No Fishing		0.04	48.87	99%
1-Aug	24.0	0	0.00	48.87	99%
2-Aug	24.0	1	0.04	48.92	99%
3-Aug	24.1	1	0.04	48.96	99%
4-Aug	23.9	2	0.08	49.04	99%
5-Aug	24.2	1	0.04	49.08	99%
6-Aug	10.2	1	0.10	49.18	99%
7-Aug	No Fishing		0.09	49.27	99%
8-Aug	23.9	2	0.08	49.35	100%
9-Aug	24.1	1	0.04	49.40	100%
10-Aug	No Fishing		0.04	49.44	100%
11-Aug	47.9	2	0.04	49.48	100%
12-Aug	23.9	0	0.00	49.48	100%
13-Aug	9.1	0	0.00	49.48	100%
14-Aug	No Fishing		0.00	49.48	100%
15-Aug	16.1	0	0.00	49.48	100%
16-Aug	23.9	1	0.04	49.52	100%
17-Aug	23.9	0	0.00	49.52	100%
18-Aug	23.9	0	0.00	49.52	100%
19-Aug	No Fishing		0.00	49.52	100%
20-Aug	33.9	0	0.00	49.52	100%
21-Aug			0.00	49.52	100%
22-Aug			0.00	49.52	100%
23-Aug			0.00	49.52	100%
24-Aug			0.00	49.52	100%
25-Aug			0.00	49.52	100%
26-Aug			0.00	49.52	100%
27-Aug			0.00	49.52	
28-Aug			0.00	49.52	100%
29-Aug			0.00	49.52	100%
30-Aug			0.00	49.52	100%
31-Aug			0.00	49.52	100%
1-Sep			0.00	49.52	100%
2-Sep			0.00	49.52	100%
3-Sep			0.00	49.52	100%
Totals	1131.8	862			

Mean cumulative proportion date 7/4/88

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

- continued -

Table 3. (Page 3 of 4).

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	34.8	15	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	19.0	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	33.8	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 7/20/89

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	29	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%
895.1	740			

Mean cumulative proportion date 7/14/90

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	22%
8.5	5	0.59	4.98	25%
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	32%
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	43%
24.0	22	0.92	9.40	48%
24.0	14	0.58	9.98	51%
23.8	4	0.17	10.15	52%
24.1	4	0.17	10.32	53%
9.0	4	0.44	10.76	55%
No Fishing		0.56	11.32	58%
23.9	16	0.67	11.99	61%
24.0	14	0.58	12.57	64%
24.0	15	0.63	13.20	67%
24.0	15	0.63	13.82	70%
24.0	20	0.83	14.65	75%
8.1	14	1.73	16.38	84%
No Fishing		1.08	17.46	89%
23.7	10	0.42	17.88	91%
24.0	9	0.38	18.25	93%
24.0	6	0.25	18.50	94%
24.2	2	0.08	18.59	95%
23.8	3	0.13	18.71	95%
9.1	3	0.33	19.04	97%
No Fishing		0.19	19.23	98%
23.9	1	0.04	19.27	98%
24.0	1	0.04	19.31	99%
24.0	1	0.04	19.35	99%
24.0	1	0.04	19.40	99%
24.0	0	0.00	19.40	99%
9.0	1	0.11	19.51	100%
No Fishing		0.05	19.56	100%
23.8	0	0.00	19.56	100%
24.0	0	0.00	19.56	100%
24.0	0	0.00	19.56	100%
24.0	1	0.04	19.60	100%
24.0	0	0.00	19.60	100%
8.5	0	0.00	19.60	100%
		0.00	19.60	100%
		0.00	19.60	100%
		0.00	19.60	100%
		0.00	19.60	100%
		0.00	19.60	100%
		0.00	19.60	100%
		0.00	19.60	100%
		0.00	19.60	100%
		0.00	19.60	100%
		0.00	19.60	100%
		0.00	19.60	100%
		0.00	19.60	100%
		0.00	19.60	100%
		0.00	19.60	100%
		0.00	19.60	100%
		0.00	19.60	100%
		0.00	19.60	100%
		0.00	19.60	100%
1028.7	345			

Mean cumulative proportion date 7/24/91

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%
23.6	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

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

- continued -

Table 3. (Page 4 of 4).

1993 Pink Salmon[b]

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	24.0	1	0.04	0.04	0%
26-Jun	25.7	0	0.00	0.04	0%
27-Jun	22.6	0	0.00	0.04	0%
28-Jun	23.8	0	0.00	0.04	0%
29-Jun	24.0	0	0.00	0.04	0%
30-Jun	24.0	0	0.00	0.04	0%
1-Jul	24.0	1	0.04	0.08	1%
2-Jul	24.0	1	0.04	0.13	1%
3-Jul	8.5	0	0.00	0.13	1%
4-Jul	No Fishing		0.08	0.21	2%
5-Jul	23.7	4	0.17	0.38	4%
6-Jul	24.0	4	0.17	0.54	5%
7-Jul	24.0	5	0.21	0.75	7%
8-Jul	24.0	10	0.42	1.17	11%
9-Jul	24.0	11	0.46	1.63	16%
10-Jul	9.0	1	0.11	1.74	17%
11-Jul	No Fishing		0.62	2.36	23%
12-Jul	24.0	27	1.13	3.48	34%
13-Jul	24.0	19	0.79	4.27	42%
14-Jul	24.0	21	0.88	5.15	50%
15-Jul	24.0	14	0.58	5.73	56%
16-Jul	24.0	24	1.00	6.73	66%
17-Jul	8.5	6	0.71	7.44	72%
18-Jul	No Fishing		0.37	7.81	76%
19-Jul	24.0	1	0.04	7.85	77%
20-Jul	24.0	0	0.00	7.85	77%
21-Jul	24.0	2	0.08	7.94	77%
22-Jul	24.0	0	0.00	7.94	77%
23-Jul	24.0	1	0.04	7.98	78%
24-Jul	8.5	1	0.12	8.10	79%
25-Jul	No Fishing		0.08	8.18	80%
26-Jul	23.7	1	0.04	8.22	80%
27-Jul	23.8	2	0.08	8.30	81%
28-Jul	24.0	2	0.08	8.39	82%
29-Jul	24.0	3	0.13	8.51	83%
30-Jul	24.0	3	0.13	8.64	84%
31-Jul	8.5	2	0.24	8.87	86%
1-Aug	No Fishing		0.18	9.05	88%
2-Aug	23.5	3	0.13	9.18	89%
3-Aug	24.0	8	0.33	9.51	93%
4-Aug	24.0	4	0.17	9.68	94%
5-Aug	24.0	0	0.00	9.68	94%
6-Aug	24.0	1	0.04	9.72	95%
7-Aug	8.5	0	0.00	9.72	95%
8-Aug	No Fishing		0.06	9.78	95%
9-Aug	24.0	3	0.13	9.91	97%
10-Aug	24.0	0	0.00	9.91	97%
11-Aug	24.0	1	0.04	9.95	97%
12-Aug	24.0	1	0.04	9.99	97%
13-Aug	24.0	3	0.13	10.12	99%
14-Aug	8.5	0	0.00	10.12	99%
15-Aug	No Fishing		0.02	10.14	99%
16-Aug	23.5	1	0.04	10.18	99%
17-Aug	24.0	1	0.04	10.22	100%
18-Aug	24.0	0	0.00	10.22	100%
19-Aug	24.0	1	0.04	10.26	100%
20-Aug			0.00	10.26	100%
21-Aug			0.00	10.26	100%
22-Aug			0.00	10.26	100%
23-Aug			0.00	10.26	100%
24-Aug			0.00	10.26	100%
25-Aug			0.00	10.26	100%
26-Aug			0.00	10.26	100%
27-Aug			0.00	10.26	100%
28-Aug			0.00	10.26	100%
29-Aug			0.00	10.26	100%
30-Aug			0.00	10.26	100%
31-Aug			0.00	10.26	100%
1-Sep			0.00	10.26	100%
2-Sep			0.00	10.26	100%
3-Sep			0.00	10.26	100%
Totals	1066.3	194			

Mean cumulative proportion date 7/14/93

1994 Pink Salmon[a]

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion	Even Year Average Cumulative CPUE 1982-1992	Odd Year Average Cumulative CPUE 1983-1993	Odd Year Average Cumulative Proportion 1983-199	Even Year Average Cumulative Proportio 1982-1992
		0.00	0.00	0%	0.00	0.00	0%	0%
		0.00	0.00	0%	0.00	0.00	0%	0%
		0.00	0.00	0%	0.00	0.00	0%	0%
		0.00	0.00	0%	0.09	0.00	0%	0%
		0.00	0.00	0%	0.21	0.00	0%	0%
24.0	2	0.08	0.08	0%	0.33	0.00	0%	0%
24.0	1	0.04	0.13	0%	0.71	0.00	0%	1%
24.0	17	0.71	0.83	0%	1.04	0.00	0%	2%
24.0	39	1.63	2.46	1%	1.59	0.00	0%	3%
24.0	44	1.83	4.29	2%	2.17	0.00	0%	4%
24.0	32	1.33	5.63	2%	2.96	0.00	0%	5%
24.0	44	1.83	7.46	3%	4.42	0.01	0%	8%
24.0	52	2.17	9.63	4%	6.04	0.01	0%	11%
24.0	70	2.92	12.54	5%	7.60	0.01	0%	13%
24.0	47	1.96	14.50	5%	8.89	0.01	0%	15%
24.0	69	2.88	17.38	7%	10.11	0.18	2%	17%
24.0	116	4.83	22.21	8%	11.80	0.44	3%	20%
24.0	87	3.63	25.83	10%	14.25	0.82	5%	25%
24.0	82	3.42	29.25	11%	16.94	1.05	6%	29%
24.0	93	3.88	33.13	13%	19.41	1.18	6%	32%
24.0	106	4.42	37.54	14%	21.35	1.37	7%	35%
24.0	155	6.46	44.00	17%	23.35	1.72	9%	37%
24.0	200	8.33	52.33	20%	25.22	1.88	12%	40%
15.0	116	7.73	60.07	23%	28.19	2.10	15%	43%
15.0	140	9.33	69.40	26%	30.38	2.41	18%	45%
9.0	95	10.56	79.96	30%	32.24	2.82	20%	48%
No Fishing		11.13	91.08	34%	34.57	3.31	23%	51%
23.5	275	11.70	102.79	39%	36.84	3.79	26%	54%
15.0	196	13.07	115.85	44%	39.32	4.40	29%	57%
15.0	187	12.47	128.32	48%	42.42	4.96	32%	61%
15.0	296	19.73	148.05	56%	44.86	5.61	35%	64%
15.0	182	12.13	160.19	61%	47.41	6.84	38%	67%
8.0	113	14.25	174.44	66%	49.89	8.17	[illegible]	70%
No Fishing		10.23	184.66	70%	52.14	9.53	50%	73%
15.0	93	6.20	190.86	72%	54.59	10.71	56%	76%
15.0	88	5.87	196.73	74%	56.86	12.25	60%	79%
15.0	112	7.47	204.19	77%	59.27	13.70	65%	83%
15.0	102	6.80	210.99	80%	61.59	15.06	72%	86%
15.0	97	6.47	217.46	82%	63.05	16.46	79%	88%
8.0	100	12.50	229.96	87%	64.06	17.43	82%	89%
No Fishing		9.15	239.11	90%	65.14	17.99	85%	91%
15.0	87	5.80	244.91	93%	66.12	18.36	85%	92%
15.0	58	3.87	248.78	94%	66.99	18.82	86%	94%
15.0	73	4.87	253.64	96%	67.51	19.38	88%	95%
15.0	47	3.13	256.78	97%	67.82	19.70	89%	95%
15.0	38	2.53	259.31	98%	68.10	20.08	90%	96%
8.5	13	1.53	260.84	99%	68.26	20.33	91%	96%
No Fishing		1.42	262.27	99%	68.47	20.51	92%	96%
23.5	31	1.32	263.58	100%	68.70	20.70	93%	97%
24.0	11	0.46	264.04	100%	68.84	20.90	93%	97%
24.0	1	0.04	264.08	100%	68.95	21.28	96%	97%
24.0	1	0.04	264.13	100%	69.06	21.50	97%	98%
24.0	0	0.00	264.13	100%	69.17	21.60	97%	98%
8.5	0	0.00	264.13	100%	69.26	21.69	98%	98%
No Fishing		0.02	264.15	100%	69.35	21.75	98%	99%
23.5	1	0.04	264.19	100%	69.40	21.81	98%	99%
24.0	2	0.08	264.27	100%	69.47	21.86	98%	99%
24.0	2	0.08	264.36	100%	69.56	21.93	99%	99%
24.0	1	0.04	264.40	100%	69.68	21.98	99%	99%
24.0	0	0.00	264.40	100%	69.82	21.99	99%	99%
8.0	1	0.13	264.52	100%	69.87	22.03	99%	99%
No Fishing		0.06	264.59	100%	69.90	22.06	99%	99%
23.5	0	0.00	264.59	100%	69.96	22.08	100%	100%
		0.00	264.59	100%	70.02	22.10	100%	100%
		0.00	264.59	100%	70.08	22.13	100%	100%
		0.00	264.59	100%	70.10	22.14	100%	100%
		0.00	264.59	100%	70.12	22.15	100%	100%
		0.00	264.59	100%	70.14	22.15	100%	100%
		0.00	264.59	100%	70.15	22.15	100%	100%
		0.00	264.59	100%	70.15	22.15	100%	100%
		0.00	264.59	100%	70.15	22.15	100%	100%
		0.00	264.59	100%	70.17	22.15	100%	100%
		0.00	264.59	100%	70.17	22.15	100%	100%
		0.00	264.59	100%	70.18	22.15	100%	100%
		0.00	264.59	100%	70.19	22.15	100%	100%
		0.00	264.59	100%	70.19	22.15	100%	100%
		0.00	264.59	100%	70.22	22.15	100%	100%
		0.00	264.59	100%	70.23	22.15	[illegible]	100%
		0.00	264.59	100%	70.24	22.15	100%	100%
		0.00	264.59	100%	70.24	22.15	100%	100%
		0.00	264.59	100%	70.24	22.15	100%	100%
		0.00	264.59	100%	70.25	22.15	100%	100%
1008.0	3,816							

Mean cumulative proportion date 7/14/94

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

Table 4. Test fishing catches of chum salmon in 5 7/8" mesh set gillnet, Unalakleet River, Norton Sound, 1981-1994.

1981 Chum Salmon[a]

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
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			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	2%
18-Jul	24.0	48	2.00	2.83	6%
19-Jul	24.0	36	1.50	4.33	9%
20-Jul	24.0	60	2.50	6.83	15%
21-Jul	24.0	48	2.00	8.83	19%
22-Jul	24.0	12	0.50	9.33	20%
23-Jul	24.0	21	0.88	10.21	22%
24-Jul	24.0	36	1.50	11.71	25%
25-Jul	24.0	33	1.38	13.08	28%
26-Jul	24.0	60	2.50	15.58	34%
27-Jul	24.0	63	2.63	18.21	40%
28-Jul	24.0	52	2.17	20.38	44%
29-Jul	24.0	111	4.63	25.00	54%
30-Jul	24.0	66	2.75	27.75	60%
31-Jul	24.0	36	1.50	29.25	64%
1-Aug	24.0	9	0.38	29.63	64%
2-Aug	24.0	0	0.00	29.63	64%

1982 Chum Salmon[a]

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
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	24.0	9	0.38	0.38	1%
19-Jun	No Fishing		0.60	0.98	2%
20-Jun	12.0	10	0.83	1.81	3%
21-Jun	No Fishing		0.75	2.56	4%
22-Jun	12.0	8	0.67	3.23	6%
23-Jun	12.0	2	0.17	3.40	6%
24-Jun	No Fishing		0.21	3.61	6%
25-Jun	11.9	3	0.25	3.86	7%
26-Jun	No Fishing		1.08	4.93	9%
27-Jun	12.1	23	1.90	6.83	12%
28-Jun	No Fishing		1.40	8.24	14%
29-Jun	12.2	11	0.90	9.14	16%
30-Jun	13.5	13	0.96	10.10	17%
1-Jul	No Fishing		1.19	11.29	20%
2-Jul	12.0	17	1.42	12.71	22%
3-Jul	No Fishing		1.45	14.16	24%
4-Jul	13.5	20	1.48	15.64	27%
5-Jul	No Fishing		0.91	16.54	29%
6-Jul	12.0	4	0.33	16.88	29%
7-Jul	5.5	12	2.18	19.06	33%
8-Jul	No Fishing		1.59	20.65	36%
9-Jul	No Fishing		1.59	22.24	38%
10-Jul	9.0	9	1.00	23.24	40%
11-Jul	No Fishing		1.73	24.97	43%
12-Jul	6.5	16	2.46	27.43	47%
13-Jul	No Fishing		1.56	28.99	50%
14-Jul	12.2	8	0.66	29.65	51%
15-Jul	9.0	8	0.89	30.54	53%
16-Jul	No Fishing		0.57	31.11	54%
17-Jul	11.8	3	0.25	31.36	54%
18-Jul	No Fishing		0.46	31.82	55%
19-Jul	12.0	8	0.67	32.49	56%
20-Jul	12.0	19	1.58	34.07	59%
21-Jul	No Fishing		1.13	35.20	61%
22-Jul	11.8	8	0.68	35.88	62%
23-Jul	24.5	38	1.55	37.43	65%
24-Jul	No Fishing		1.69	39.12	68%
25-Jul	No Fishing		1.69	40.81	71%
26-Jul	12.6	23	1.83	42.64	74%
27-Jul	2.5	3	1.20	43.84	76%
28-Jul	No Fishing		1.47	45.30	78%
29-Jul	4.6	8	1.74	47.04	81%
30-Jul	No Fishing		1.37	48.41	84%
31-Jul	3.0	3	1.00	49.41	85%
1-Aug	4.4	1	0.23	49.64	86%
2-Aug	No Fishing		0.68	50.32	87%

1983 Chum Salmon[a]

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
12-Jun			0.00	0.00	0%
13-Jun			0.00	0.00	0%
14-Jun			0.00	0.00	0%
15-Jun	11.6	4	0.34	0.34	0%
16-Jun	No Fishing		0.30	0.65	1%
17-Jun	11.6	3	0.26	0.91	1%
18-Jun	No Fishing		0.38	1.29	2%
19-Jun	11.8	6	0.51	1.80	2%
20-Jun	No Fishing		0.25	2.05	3%
21-Jun	11.8	0	0.00	2.05	3%
22-Jun	11.7	10	0.85	2.91	4%
23-Jun	No Fishing		0.56	3.46	4%
24-Jun	11.6	3	0.26	3.72	5%
25-Jun	No Fishing		0.59	4.31	5%
26-Jun	11.9	11	0.92	5.24	7%
27-Jun	No Fishing		0.89	6.12	8%
28-Jun	11.8	10	0.85	6.97	9%
29-Jun	11.5	13	1.13	8.10	10%
30-Jun	No Fishing		0.90	9.00	11%
1-Jul	11.9	8	0.67	9.67	12%
2-Jul	No Fishing		1.05	10.73	14%
3-Jul	11.9	17	1.43	12.15	15%
4-Jul	No Fishing		1.26	13.41	17%
5-Jul	11.9	13	1.09	14.51	18%
6-Jul	12.0	17	1.42	15.92	20%
7-Jul	No Fishing		1.00	16.92	21%
8-Jul	12.1	7	0.58	17.50	22%
9-Jul	No Fishing		1.08	18.58	23%
10-Jul	11.4	18	1.58	20.16	25%
11-Jul	No Fishing		1.31	21.47	27%
12-Jul	11.5	12	1.04	22.51	28%
13-Jul	11.6	37	3.19	25.70	32%
14-Jul	No Fishing		2.28	27.98	35%
15-Jul	11.7	16	1.37	29.35	37%
16-Jul	No Fishing		2.00	31.34	40%
17-Jul	11.8	31	2.63	33.97	43%
18-Jul	No Fishing		2.08	36.05	45%
19-Jul	11.8	18	1.53	37.57	47%
20-Jul	11.5	29	2.52	40.10	51%
21-Jul	No Fishing		1.96	42.05	53%
22-Jul	12.2	17	1.39	43.45	55%
23-Jul	No Fishing		1.74	45.19	57%
24-Jul	11.5	24	2.09	47.27	60%
25-Jul	No Fishing		1.84	49.11	62%
26-Jul	12.0	19	1.58	50.69	64%
27-Jul	11.4	11	0.96	51.66	65%
28-Jul	No Fishing		1.08	52.74	67%
29-Jul	11.7	14	1.20	53.93	68%
30-Jul	No Fishing		1.37	55.31	70%
31-Jul	11.6	18	1.55	56.86	72%
1-Aug	No Fishing		1.15	58.01	73%
2-Aug	12.1	9	0.74	58.75	74%

1984 Chum Salmon[a]

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
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	24.2	17	0.70	0.70	1%
26-Jun	No Fishing		0.94	1.65	3%
27-Jun	24.5	29	1.18	2.83	5%
28-Jun	No Fishing		1.15	3.97	7%
29-Jun	24.4	27	1.11	5.08	9%
30-Jun	No Fishing		1.37	6.45	12%
1-Jul	No Fishing		1.37	7.83	14%
2-Jul	23.8	39	1.64	9.46	17%
3-Jul	No Fishing		1.47	10.93	20%
4-Jul	24.0	31	1.29	12.22	22%
5-Jul	No Fishing		1.81	14.03	25%
6-Jul	24.1	56	2.32	16.35	29%
7-Jul	No Fishing		2.20	18.55	33%
8-Jul	No Fishing		2.20	20.75	37%
9-Jul	24.1	50	2.07	22.83	41%
10-Jul	No Fishing		1.64	24.47	44%
11-Jul	23.9	29	1.21	25.68	46%
12-Jul	No Fishing		1.15	26.83	48%
13-Jul	24.1	26	1.08	27.91	50%
14-Jul	No Fishing		1.00	28.91	52%
15-Jul	No Fishing		1.00	29.90	54%
16-Jul	24.0	22	0.92	30.82	55%
17-Jul	No Fishing		0.91	31.73	57%
18-Jul	24.2	22	0.91	32.64	59%
19-Jul	No Fishing		1.04	33.68	61%
20-Jul	24.0	28	1.17	34.85	63%
21-Jul	No Fishing		0.90	35.75	64%
22-Jul	No Fishing		0.90	36.65	66%
23-Jul	23.5	15	0.64	37.29	67%
24-Jul	No Fishing		0.44	37.73	68%
25-Jul	23.9	6	0.25	37.99	68%
26-Jul	No Fishing		0.46	38.44	69%
27-Jul	24.1	16	0.66	39.11	70%
28-Jul	11.4	3	0.26	39.37	71%
29-Jul	No Fishing		0.74	40.11	72%
30-Jul	24.6	30	1.22	41.33	74%
31-Jul	No Fishing		0.76	42.09	76%
1-Aug	23.3	7	0.30	42.39	76%
2-Aug	No Fishing		0.58	42.98	77%

1985 Chum Salmon

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
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	23.9	17	0.71	0.71	2%
25-Jun	25.3	22	0.87	1.58	4%
26-Jun	23.0	32	1.39	2.97	7%
27-Jun	25.5	22	0.86	3.83	9%
28-Jun	23.7	19	0.80	4.64	10%
29-Jun	24.1	29	1.20	5.84	13%
30-Jun	23.7	37	1.56	7.40	17%
1-Jul	9.8	20	2.04	9.44	21%
2-Jul	7.0	34	4.86	14.30	32%
3-Jul	24.0	38	1.58	15.88	35%
4-Jul	23.8	36	1.51	17.39	39%
5-Jul	23.9	19	0.79	18.19	41%
6-Jul	9.2	7	0.76	18.95	42%
7-Jul	No Fishing		1.20	20.15	45%
8-Jul	23.2	38	1.64	21.79	49%
9-Jul	24.1	58	2.41	24.19	54%
10-Jul	23.9	34	1.42	25.62	57%
11-Jul	24.1	38	1.58	27.19	61%
12-Jul	24.4	22	0.90	28.10	63%
13-Jul	8.6	9	1.05	29.14	65%
14-Jul	No Fishing		1.04	30.18	67%
15-Jul	24.3	25	1.03	31.21	70%
16-Jul	23.9	3	0.13	31.33	70%
17-Jul	24.3	11	0.45	31.79	71%
18-Jul	33.8	20	0.59	32.38	72%
19-Jul	24.1	8	0.33	32.71	73%
20-Jul	No Fishing		0.60	33.31	74%
21-Jul	No Fishing		0.60	33.91	76%
22-Jul	24.2	21	0.87	34.78	78%
23-Jul	24.9	13	0.52	35.30	79%
24-Jul	23.1	10	0.43	35.73	80%
25-Jul	23.7	19	0.80	36.53	82%
26-Jul	24.6	8	0.33	36.86	82%
27-Jul	7.4	1	0.14	37.00	83%
28-Jul	No Fishing		0.53	37.52	84%
29-Jul	23.8	22	0.92	38.45	86%
30-Jul	23.9	6	0.25	38.70	86%
31-Jul	23.8	7	0.29	38.99	87%
1-Aug	24.2	7	0.29	39.28	88%
2-Aug	24.3	3	0.12	39.41	88%

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

- continued -

1981 Chum Salmon[a]

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative 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	73%
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 7/29/81

1982 Chum Salmon[a]

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative 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%
845.0	340			

Mean cumulative proportion date 7/13/82

1983 Chum Salmon[a]

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative 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%
938.8	547			

Mean cumulative proportion date 7/20/83

1984 Chum Salmon[a]

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative 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%
1,095.8	608			

Mean cumulative proportion date 7/13/84

1985 Chum Salmon[a]

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative 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%
1,427.2	819			

Mean cumulative proportion date 7/9/85

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

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	1986 Chum Salmon[a]					1987 Chum Salmon[a]					1988 Chum Salmon[a]					1989 Chum Salmon[a]					1990 Chum 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	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
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	4.79	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	22.05	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%

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

- continued -

1986 Chum Salmon[a]

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative 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 7/23/86

1987 Chum Salmon[a]

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative 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 7/23/87

1988 Chum Salmon[a]

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative 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 7/25/88

1989 Chum Salmon[a]

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative 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%
1,723.8	730			

Mean cumulative proportion date 7/12/89

1990 Chum Salmon[a]

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative 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%
1,555.1	331			

Mean cumulative proportion date 7/13/90

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

- continued -

Table 4. (Page 5 of 6).

1991 Chum Salmon[a]						1992 Chum Salmon[a]					1993 Chum Salmon[a]					1994 Chum Salmon[a]						
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	Average Cumulative CPUE 1982-1993	Average Cumulative Proportion 1982 1993
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%	0.01	0%
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%	0.03	0%
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%	0.06	0%
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%	0.16	0%
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%	0.22	1%
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%	0.34	1%
18-Jun	23.5	3	0.13	0.75	2%			0.00	0.00	0%	24.0	7	0.29	1.46	5%	24.0	25	1.04	4.21	9%	0.60	2%
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%	0.90	2%
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%	1.13	3%
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%	1.39	4%
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%	1.69	4%
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%	1.95	5%
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%	2.21	6%
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%	2.66	7%
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%	3.29	8%
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%	4.08	10%
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%	4.86	12%
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%	5.53	13%
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%	6.21	15%
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%	6.90	16%
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%	7.83	18%
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%	8.59	20%
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%	9.36	21%
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%	10.12	23%
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%	11.04	25%
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%	12.06	27%
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%	13.06	30%
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%	14.07	32%
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%	14.89	34%
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%	15.67	36%
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%	16.49	38%
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%	17.56	40%
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%	18.51	42%
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%	19.31	44%
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%	20.02	46%
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%	20.73	47%
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%	21.55	49%
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%	22.33	51%
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%	23.36	53%
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%	24.21	55%
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%	25.04	57%
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%	25.91	59%
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%	26.83	61%
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%	27.80	63%
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%	28.76	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%	29.62	67%
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%	30.34	69%
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%	31.19	71%
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%	32.05	73%
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%	32.79	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%	33.37	76%
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%	33.96	77%

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

- continued -

Table 4. (Page 6 of 6).

1991 Chum Salmon[a]

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	35.29	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 7/27/91

1992 Chum Salmon[a]

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%
		0.00	44.97	100%
1,467.2	926			

Mean cumulative proportion date 7/14/92

1993 Chum Salmon[a]

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%
		0.00	32.27	100%
1,738.5	637			

Mean cumulative proportion date 7/30/93

1994 Chum Salmon[a]

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%
Flooding		0.00	46.91	96%
		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%
Flooding		0.00	47.33	97%
		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	894			

Mean cumulative proportion date 7/7/94

Average Cumulative Catch 1982-1993	Average Cumulative Proportion 1982-1993
34.60	79%
35.23	80%
35.72	81%
36.28	83%
36.91	84%
37.43	85%
37.80	86%
38.17	87%
38.49	88%
38.82	88%
39.26	90%
39.62	90%
39.95	91%
40.25	92%
40.60	93%
40.91	93%
41.15	94%
41.40	94%
41.58	95%
41.77	95%
41.99	96%
42.21	96%
42.36	97%
42.53	97%
42.71	98%
42.79	98%
42.87	98%
42.96	98%
43.05	99%
43.13	99%
43.21	99%
43.32	99%
43.38	99%
43.42	99%
43.47	100%
43.52	100%
43.58	100%
43.61	100%
43.62	100%
43.63	100%
43.65	100%
43.66	100%
43.67	100%
43.67	100%
43.68	100%
43.69	100%
43.69	100%
43.69	100%
43.69	100%
43.70	100%

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

Table 5. Commercial salmon harvest by fishing period, Unalakleet Subdistrict, Norton Sound, 1994

				King Salmon				Coho Salmon				Pink Salmon				Chum Salmon			
Period[a]	Dates	Hours Fished	# of Fish-ermen	# of Kings	CPUE	Cumul-ative CPUE[b]	C[b]	# of Coho	CPUE	Cumul-ative CPUE[c]	C[c]	# of Pinks	CPUE	Cumul-ative CPUE[d]	C[d]	# of Chums	CPUE[e]	Cumul-ative CPUE[e]	C[e]
1 King	6/20-21	24	42	1,173	1.16	1.16	39.1%	1				0				118			
2 King	6/23-24	24	47	1,323	1.17	2.34	59.8%					0				200			
Pink 1	6/26-27	18	32	154								60,526	105.08	105.08	13%	155			
3 King	6/27-28	24	22	947	1.79	4.13	82.5%									284			
Pink 2	6/29	18	10	2								10,471	58.17	163.25	15%	8			
Pink 3	6/30	24	11	8								18,822	71.30	234.55	19%	11			
4 King	6/30-7/1	24	40	446	0.46	4.59	93.2%					85			19%	256			
Pink 4	7/1	24	4	0								3,922	40.85	275.40	20%	0			
Pink 5	7/2	24	17	0								25,869	63.40	338.81	25%	48			
Pink 6	7/3	24	No One Fished																
Pink 7	7/4	24	22	1								34,838	65.98	404.79	32%	7			
5 King	7/4-5	24	25	285	0.48	5.07	100.0%	1								242			
Pink 8	7/5	24	8	2								18,756	97.69	502.47	36%	157			
Pink 9	7/6	24	No One Fished																
Pink 10	7/7	24	No One Fished																
6 Chum	7/7	48	No One Fished																
Pink 11	7/8	24	No One Fished																
Pink 12	7/9	24	6	1								11,675	81.08	583.55	39%	8			
Pink 13	7/10	24	15	0								26,919	74.78	658.33	44%	7			
Pink 14	7/11	24	14	1								23,911	71.16	729.49	49%	2			
Pink 15	7/12	24	30	0				1				41,616	57.80	787.29	58%	27			
Pink 16	7/13	24	No One Fished																
Pink 17	7/14	24	25	1				17				48,337	80.56	867.85	68%	30			
Pink 18	7/15	24	No One Fished																
Pink 19	7/16	24	30	0				2				45,978	63.86	931.71	77%	24			
Pink 20	7/17	24	22	0				7				34,688	65.70	997.41	85%	14			
Pink 21	7/18	24	19	1				48				32,184	70.58	1067.99	91%	323			
Pink 22	7/19	24	No One Fished																
Pink 23	7/20	24	17	3				299				20,266	49.67	1117.66	96%	124			
Pink 24	7/21	24	17	0				163				17,798	43.62	1161.28	99%	103			
Pink 25	7/22	24	No One Fished																
Pink 26	7/23	18	6	4				139				3,497	32.38	1193.66	100%	66			
7 Coho	7/25-27	48	44	12				9,306	4.41	4.41	13%					2,636			
8 Coho	7/28-31	48	47	14				8,405	3.73	8.13	25%					1,382			
9 Coho	8/1-3	48	48	7				12,495	5.42	13.56	43%					2,173			
10 Coho	8/4-6	48	52	6				12,256	4.91	18.47	60%					1,402			
11 Coho	8/8-10	48	50	2				4,120	1.72	20.18	66%					734			
12 Coho	8/11-13	48	25	4				5,210	4.34	24.52	74%					642			
13 Coho	8/15-17	48	30	2				2,458	1.71	26.23	77%					150			
14 Coho	8/18-20	48	17	0				1,153	1.41	27.64	79%					45			
15 Coho	8/22-24	48	24	0				4,185	3.63	31.28	85%					212			
16 Coho	8/25-27	48	16	0				1,224	1.59	32.87	86%					43			
17 Coho	8/29-30	54	16	0				2,339	2.71	35.58	90%					155			
18 Coho	9/1	24	16	0				1,594	4.15	39.73	92%					98			
19 Coho	9/2	24	24	0				1,839	3.19	42.92	95%					153			
20 Coho	9/3	24	22	0				1,241	2.35	45.27	96%					67			
21 Coho	9/4	24	18	0				786	1.82	47.09	98%					50			
22 Coho	9/5	24	16	0				628	1.64	48.73	98%					49			
23 Coho	9/6	24	17	0				583	1.43	50.16	99%					49			
24 Coho	9/7	18	16	1				519	1.80	51.96	100%					34			

[a] Periods are denoted by target species.

[b] The king salmon cumulative CPUE and cumulative proportion were computed using data from king salmon fishing periods only.

[c] The coho salmon cumulative CPUE and cumulative proportion were computed using data from coho salmon fishing periods only.

[d] The pink salmon cumulative CPUE and cumulative proportion were computed using data from pink salmon fishing periods only.

[e] There were no chum salmon periods fished in 1994. Therefore, no commercial CPUE was calculated.

Table 6. King salmon commercial catch and escapement data, Unalakleet Subdistrict, Norton Sound, 1981-1994.

Year	Commercial Catch	Commercial Cumulative CPUE	Commercial Cumulative CPUE as % of 1981-1993 Average	Test Net Catch	Test Net Cummulative CPUE	Test Net Cumulative CPUE as % of 1981-1993 Average	North River Tower Counts	North River Aerial Survey Counts
1981	6,157							
1982	3,768	1.65	57%	22	2.74	93%		8
1983	7,022	2.65	92%	18	2.55	87%		347
1984	6,804	4.44	154%	41	3.63	123%	2,844	51
1985	12,621	4.75	164%	171	9.93	338%	1,426	703
1986	4,494	1.98	69%	49	2.19	75%	1,613	
1987	3,246	2.77	96%	42	2.23	76%		445
1988	2,218	1.64	57%	13	0.67	23%		
1989	4,402	2.74	95%	45	2.03	69%		
1990	5,998	3.64	126%	41	1.82	62%		255
1991	4,534	2.63	91%	33	1.71	58%		256
1992	3,402	1.72	60%	23	1.18	40%		329
1993	5,944	4.08	141%	91	4.61	157%		900
1994	4,400	5.07	175%	35	1.53	52%		
Average 1982-1993	5,371	2.89		49	2.94			

Table 7. Coho salmon commercial catch and escapement data, Unalakleet Subdistrict, Norton Sound, 1981-1994.

Year	Commercial Catch	Commercial Cumulative CPUE	Commercial Cumulative CPUE as % of 1982-1993 Average	Test Net Catch	Test Net cummulative CPUE	Test Net Cumulative CPUE as % of 1982-1993 Average	North River Tower Counts	North River Aerial Survey Counts
1981	29,845			301	12.54			263
1982	61,343	32.23	143%	235	27.28	193%		4,145
1983	36,098	19.05	85%	184	16.25	115%		
1984	47,904	24.44	109%	259	25.30	179%		152
1985	15,421	14.16	63%	172	11.56	82%	2,045	
1986	20,580	12.69	56%	134	9.01	64%		
1987	15,097	10.02	45%	128	6.58	47%		680
1988	24,265	11.17	50%	172	9.26	65%		
1989	36,025	20.03	89%	181	9.82	69%		
1990	52,015	34.75	155%	254	14.01	99%		
1991	52,033	27.65	123%	152	8.46	60%		2,510
1992	84,449	42.40	189%	421	24.92	176%		398
1993	26,290	21.28	95%	138	7.28	51%		1,397
1994	71,019	51.96	231%	276	14.13	100%		
Average 1982-1993	39,293	22.49		203	14.14			

Table 8. Chum salmon commercial catch and escapement data, Unalakleet Subdistrict, Norton Sound, 1981-1994.

Year	Commercial Catch	Commercial Cumulative CPUE	Commercial Cumulative CPUE as % of 1982-1993 Average	Test Net Catch	Test Net Cummulative CPUE	Test Net Cumulative CPUE as % of 1982-1993 Average	North River Tower Counts	North River Aerial Survey Counts
1981	39,186			1,104	46.00			599
1982	44,520	15.66	77%	340	57.85	132%		4,135
1983	109,220	43.90	215%	547	79.29	181%		
1984	43,317	22.25	109%	608	55.65	127%	2,915	1,625
1985	25,111	20.20	99%	819	44.75	102%	4,567	
1986	29,136	16.69	82%	806	49.49	113%	3,738	
1987	17,525	10.94	54%	608	29.61	68%		392
1988	25,364	16.15	79%	488	30.17	69%		
1989	20,825	17.01	83%	730	40.76	93%		
1990	23,659	14.62	72%	331	19.08	44%		1,345
1991	39,609	21.46	105%	735	40.57	93%		2,435
1992	52,547	26.60	130%	926	44.97	103%		
1993	28,156	19.37	95%	637	32.27	74%		445
1994	12,288	-[a]	-[a]	891	48.75	112%		
Average 1982-1993	38,249	20.40		631	43.70			

[a] There were no directed chum salmon openings in 1994 so CPUE was not calculated.

Table 9. Pink salmon commercial catch and escapement data, Unalakleet Subdistrict, Norton Sound, 1994.[a]

Year	Commercial Catch	Commercial Cumulative CPUE	Test Net Catch	Test Net cummulative CPUE
1994	480,158	68.28	3,816	264.59

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

Table 10. Commercial and subsistence salmon catches by species, Unalakleet Subdistrict, Norton Sound, 1961-1994.

	Commercial Catches						Subsistence Catches					Combined Catches					
Year	King	Sockeye	Coho	Pink	Chum	Total	King	Coho	Pink	Chum	Total	King	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	48,880
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	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	5,808	5,750	4,235	16,686 [d]	7,026	47	35,653	128,983	43,421	215,130
1982	3,768	2	61,343	142,856	44,520	252,489	913	7,037	20,045	4,694	32,691 [e]	4,681	2	68,380	162,901	49,214	285,178
1983	7,022	13	36,098	26,198	109,220	178,551	1,868	6,888	13,808	4,401	26,998 [f]	8,890	13	42,986	40,006	113,621	205,516
1984	6,804	6	47,904		43,317	98,031	1,650	6,675	17,418	3,348	29,092 [g]	8,454	6	54,579	17,418	46,665	127,122
1985	12,621	21	15,421	1	25,111	53,175	1,397	2,244	55	1,968	5,664 [h]	14,018	21	17,665	56	27,079	58,839
1986	4,494	153	20,580		30,239	55,466					[i]	4,494	153	20,580	0	30,239	55,466
1987	3,246	141	15,097	97	17,525	36,106					[i]	3,246	141	15,097	97	17,525	36,106
1988	2,218	157	24,232	23,730	25,363	75,700					[i]	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 [j]	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 [j]	8,474	358	52,015		23,659	84,506
1991	4,534	147	52,033		39,609	96,323					[i]	4,534	147	52,033		39,609	96,323
1992	3,409	229	84,449	6,284	52,547	146,918					[i]	3,409	229	84,449	6,284	52,547	146,918
1993	5,944	251	26,290	42,061	28,156	102,702					[i]	5,944	251	26,290	42,061	28,156	102,702
1994	4,400	71	71,019	480,158	12,288	567,936	2,719	10,047	21,160	2,210	36,503 [kl]	7,119	71	81,066	501,318	14,498	604,072
5 Year Average[a]	4,857	241	50,162	24,173	32,959	97,889											
10 Year Average[b]	5,367	169	37,405	14,435	30,635	80,793											

[a] 1989-1993

[b] 1984-1993

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

[d] Includes 24 sockeye salmon.

[e] Includes 2 sockeye salmon.

[f] Includes 33 sockeye salmon.

[g] Includes 1 sockeye salmon.

[h] Includes 3 sockeye salmon.

[i] Subsistence surveys were not conducted.

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

[k] Includes 367 sockeye salmon.

[l] In-depth survey by the Subsistence Division expanded to all households.

Table 11. Subsistence king salmon catch and effort, Unalakleet River and Unalakleet Subdistrict, Norton Sound 1982-1994.

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

[a] 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-

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	1987				1988				1989 River				1989 Ocean			1990			
Date	# of Fishers	# of Kings	Daily Mean Catch	# of Nets Observed	# of Fishers	# of Kings	Daily Mean Catch	# of Nets Observed	# of Fishers	# of Kings	Daily Mean Catch	# of Nets Observed	# of Fishers	# of Kings	Daily Mean Catch	# of Fishers	# of Kings	Daily Mean Catch	# of Nets Observed
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				
12-Jun												5	3	43	14.3				
13-Jun					2	0	0.0	5	1	0	0.0	5	3	14	4.7				
14-Jun					1	0	0.0	7				6	6	113	18.8	4	44	11.0	8
15-Jun					1	0	0.0	15				5	1	30	30.0				6
16-Jun					2	1	0.5	15				7							
17-Jun				7	2	1	0.5	15											
18-Jun	1	0	0.0	10	1	5	5.0	14								2	11	5.5	1
19-Jun	2	1	0.5	14												4	7	1.8	7
20-Jun	2	2	1.0	16	2	3	1.5	10	3	22	7.3	7	1	1	1.0	2	5	2.5	9
21-Jun	3	7	2.3		4	24	6.0	10	3	7	2.3	7				4	36	9.0	
22-Jun	3	3	1.0	17	3	37	12.3	12	2	2	1.0	8				2	25	12.5	9
23-Jun	5	3	0.6	18	1	6	6.0	15	3	18	6.0	12				1	2	2.0	9
24-Jun	3	4	1.3	19				15	4	27	6.8	14							
25-Jun	3	8	2.7	20	1	9	9.0	13								1	3	3.0	2
26-Jun	1	1	1.0	22												1	0	0.0	7
27-Jun	4	12	3.0	22				14	1	7	7.0	5				3	2	0.7	6
28-Jun	5	56	11.2	21					1	1	1.0	8				3	1	0.3	8
29-Jun	7	60	8.6	22								10				2	8	4.0	8
30-Jun	6	29	4.8	15												2	5	2.5	11
1-Jul	7	57	8.1	23								9							
2-Jul	6	8	1.3	26															0
3-Jul	4	9	2.3	22															1
4-Jul	3	2	0.7	22								4				1	2	2.0	4
5-Jul												3							2
6-Jul	4	11	2.8	17								4							0
7-Jul	2	5	2.5	19								7							0
8-Jul	2	4	2.0	17								0							
9-Jul	2	1	0.5	18															2
10-Jul	2	0	0.0	9															2
11-Jul	1	5	5.0	13								1							
12-Jul	1	6	6.0									1							
13-Jul	1	0	0.0	9								1							
14-Jul				10								1							
15-Jul	1	0	0.0	10								1							
16-Jul																			
17-Jul																			
18-Jul																			
19-Jul																			
20-Jul																			
21-Jul																			
22-Jul																			
23-Jul																			

-continued-

Table 11. Page (3 of 3).

	1991				1992				1993				1994 River				1994 Ocean		
Date	# of Fishers	# of Kings	Daily Mean Catch	# of Nets Observed	# of Fishers	# of Kings	Daily Mean Catch	# of Nets Observed	# of Fishers	# of Kings	Daily Mean Catch	# of Nets Observed	# of Fishers	# of Kings	Daily Mean Catch	# of Nets Observed	# of Fishers	# of Kings	Daily Mean Catch
6-Jun									1	1	1.0								
7-Jun									2	11	5.5								
8-Jun									6	31	5.2								
9-Jun									7	31	4.4								
10-Jun									8	55	6.9								
11-Jun	2	0	0.0	5					4	32	8.0								
12-Jun	6	27	4.5	7					2	28	14.0						1	5	5.0
13-Jun	2	6	3.0	9					2	14	7.0						2	10	5.0
14-Jun	4	11	2.8	9					6	57	9.5						2	23	11.5
15-Jun	5	34	6.8	11					2	20	10.0		2	11	5.5	10	11	158	14.4
16-Jun	1	10	10.0	7					6	25	4.2		4	43	10.8	10	4	74	18.5
17-Jun	1	6	6.0	7					3	35	11.7	15	6	50	8.3	15	3	45	15.0
18-Jun	1	4	4.0	4					4	20	5.0	10	7	17	2.4	7			
19-Jun	3	1	0.3	12					3	17	5.7	9	2	9	4.5	5			
20-Jun	6	13	2.2									1	3	43	14.3	3	1	26	26.0
21-Jun	4	4	1.0	8								1	2	33	16.5	2			
22-Jun	5	12	2.4	10					6	68	11.3	9	4	47	11.8	5			
23-Jun				0					5	25	5.0	12	4	26	6.5	6			
24-Jun	1	0	0.0						6	56	9.3	13	4	13	3.3	7			
25-Jun	2	7	3.5	10	2	1	0.5	6	8	51	6.4	14	3	11	3.7	2			
26-Jun	3	14	4.7		5	0	0.0	13	3	12	4.0	10				2			
27-Jun	3	5	1.7	10	9	2	0.2	16				0				4			
28-Jun	1	0	0.0	7	4	1	0.3	9	2	13	6.5	3	1	3	3.0	6			
29-Jun	3	31	10.3	5	2	5	2.5	10	2	14	7.0	3	3	22	7.3	5			
30-Jun					2	2	1.0	18	2	8	4.0	5	1	0	0.0	4			
1-Jul				0	1	4	4.0	11	2	5	2.5	8	2	1	0.5	4			
2-Jul				3	1	4	4.0	5				4	1	2	2.0				
3-Jul					2	1	0.5	5				2							
4-Jul					2	0	0.0	3											
5-Jul					1	8	8.0	2											
6-Jul					4	13	3.3	3											
7-Jul					5	6	1.2	5											
8-Jul					1	0	0.0	2											
9-Jul					1	0	0.0	2											
10-Jul					1	0	0.0	4											
11-Jul								3											
12-Jul								2											
13-Jul								2											
14-Jul								2											
15-Jul								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											

Table 12. Dates of the commercial and test fish mean cumulative proportion, Unalakleet Subdistrict, Norton Sound, 1981-1994.

	King Salmon		Coho Salmon		Chum Salmon		Pink Salmon	
Year	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	6/27	8/13	8/6	7/16	7/23		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	7/28	7/6	7/12	7/14
Average 1982-1993	6/26	6/28	8/13	8/18	7/13	7/18		7/13

Table 13. King salmon test fish age and sex composition and mean length, Unalakleet River, Norton Sound, 1994.

		Brood Year and (Age Group)				
		1990 (1.2)	1989 (1.3)	1988 (1.4)	1987 (1.5)	Total
Stratum Dates:	6/16-7/13					
Sampling Dates:	6/16-7/13					
Sample Size:	32					
Female	Percent of Sample	0.0%	34.4%	15.6%	3.1%	53.1%
	Number in Catch	0	11	5	1	17
	Mean Length (mm)[a]		743.2	866.0	940.0	
	Standard Error		17.7	24.6	0.0	
Male	Percent of Sample	6.3%	37.5%	3.1%	0.0%	46.9%
	Number in Catch	2	12	1	0	15
	Mean Length (mm)[a]	552.5	715.0	765.0		
	Standard Error	17.5	5.6	0.0		
Total	Percent of Sample	6.3%	71.9%	18.8%	3.1%	100.0%
	Number in Catch	2	23	6	1	32
	Standard Error	1	3	2	1	

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

Table 14. King salmon commercial catch age and sex composition and mean length, Unalakleet Subdistrict, Norton Sound, 1994.

		Brood Year and (Age Group)					
		1990	1989	1988		1987	
		(1.2)	(1.3)	(1.4)	(2.3)	(1.5)	Total
Stratum Dates:	6/20-7/1						
Sampling Dates:	6/20-7/1						
Sample Size:	240						
Female	Percent of Sample	0.4%	23.3%	26.3%	0.4%	0.0%	50.4%
	Number in Catch	18	1,027	1,155	18	0	2,218
	Mean Length (mm)[a]	515.0	798.8	875.4	865.0	940.0	
	Standard Error	0.0	7.0	5.3	0.0	0.0	
Male	Percent of Sample	0.8%	37.9%	10.0%	0.4%	0.4%	49.6%
	Number in Catch	37	1,668	440	18	18	2,182
	Mean Length (mm)[a]	587.5	768.6	853.5	830.0	1,020.0	
	Standard Error	17.5	5.6	0.0	0.0	0.0	
Total	Percent of Sample	1.3%	61.3%	36.3%	0.8%	0.4%	100.0%
	Number in Catch	55	2,695	1,595	37	18	4,400
	Standard Error	32	139	137	26	18	

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

Table 15. Coho salmon test fish age and sex composition and mean length, Unalakleet River, Norton Sound, 1994.

		Brood Year and (Age Group)			
		1991 (1.1)	1990 (2.1)	1989 (3.1)	Total
Stratum Dates:	7/11-9/7				
Sampling Dates:	7/11-9/7				
Sample Size:	183				
Female	Percent of Sample	7.7%	29.5%	2.2%	39.3%
	Number in Catch	14	54	4	72
	Mean Length (mm)[a]	590.4	592.1	580.0	
	Standard Error	5.8	4.6	17.7	
Male	Percent of Sample	9.8%	49.2%	1.6%	60.7%
	Number in Catch	18	90	3	111
	Mean Length (mm)[a]	602.2	593.3	586.7	
	Standard Error	7.2	3.4	17.4	
Total	Percent of Sample	17.5%	78.7%	3.8%	100.0%
	Number in Catch	32	144	7	183
	Standard Error	5	6	3	

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

Table 16. Coho salmon commercial catch age and sex composition and mean length, Unalakleet Subdistrict, Norton Sound, 1994.

		Brood Year and (Age Group)			
		1991 (1.1)	1990 (2.1)	1989 (3.1)	Total
Stratum Dates:	7/25-9/7				
Sampling Dates:	8/2-8/30				
Sample Size:	258				
Female	Percent of Sample	10.5%	35.3%	3.9%	49.6%
	Number in Catch	7,432	25,049	2,753	35,234
	Mean Length (mm)[a]	584.4	583.3	587.0	
	Standard Error	5.3	3.2	14.9	
Male	Percent of Sample	12.0%	36.8%	1.6%	50.4%
	Number in Catch	8,533	26,150	1,101	35,785
	Mean Length (mm)[a]	594.8	582.5	602.5	
	Standard Error	8.7	4.3	13.2	
Total	Percent of Sample	22.5%	72.1%	5.4%	100.0%
	Number in Catch	15,966	51,200	3,854	4,400
	Standard Error	1,849	1,987	1,004	

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

Table 17. Chum salmon test fish age and sex composition and mean length, Unalakleet River, Norton Sound, 1994.

		Brood Year and (Age Group)				
		1991 (0.2)	1990 (0.3)	1989 (0.4)	1988 (0.5)	Total
Stratum Dates:	6/16-9/1					
Sampling Dates:	6/16-9/1					
Sample Size:	475					
Female	Percent of Sample	0.2%	10.3%	22.1%	2.1%	34.7%
	Number in Catch	1	49	105	10	165
	Mean Length (mm)[a]	575.0	579.9	592.9	601.0	
	Standard Error	0.0	3.9	2.4	8.7	
Male	Percent of Sample	0.0%	20.4%	40.6%	3.4%	64.4%
	Number in Catch	0	97	193	16	306
	Mean Length (mm)[a]		589.5	604.0	614.0	
	Standard Error		2.9	1.8	6.7	
Total	Percent of Sample	0.2%	30.7%	63.2%	5.9%	100.0%
	Number in Catch	1	146	300	28	475
	Standard Error	1	10	11	5	
	Mean Length (mm)[a]	575.0	586.3	600.1	609.2	
	Standard Error	0.0	2.3	1.5	5.3	

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

Table 18. Chum salmon commercial catch age and sex composition and mean length, Unalakleet Subdistrict, Norton Sound, 1994.

		Brood Year and (Age Group)				
		1991 (0.2)	1990 (0.3)	1989 (0.4)	1988 (0.5)	Total
Stratum Dates:	6/20-9/7					
Sampling Dates:	7/26-8/5					
Sample Size:	437					
Female	Percent of Sample	0.0%	26.8%	22.4%	0.7%	49.9%
	Number in Catch	0	3,290	2,756	84	6,130
	Mean Length (mm)[a]		557.1	564.4	555.0	
	Standard Error		2.1	2.4	13.2	
Male	Percent of Sample	0.2%	27.2%	20.8%	1.8%	50.1%
	Number in Catch	28	3,346	2,559	225	6,158
	Mean Length (mm)[a]	570.0	571.1	583.6	601.3	
	Standard Error	0.0	2.6	3.3	17.1	
Total	Percent of Sample	0.2%	54.0%	43.2%	2.5%	100.0%
	Number in Catch	28	6,636	5,314	309	12,288
	Standard Error	28	293	292	92	

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

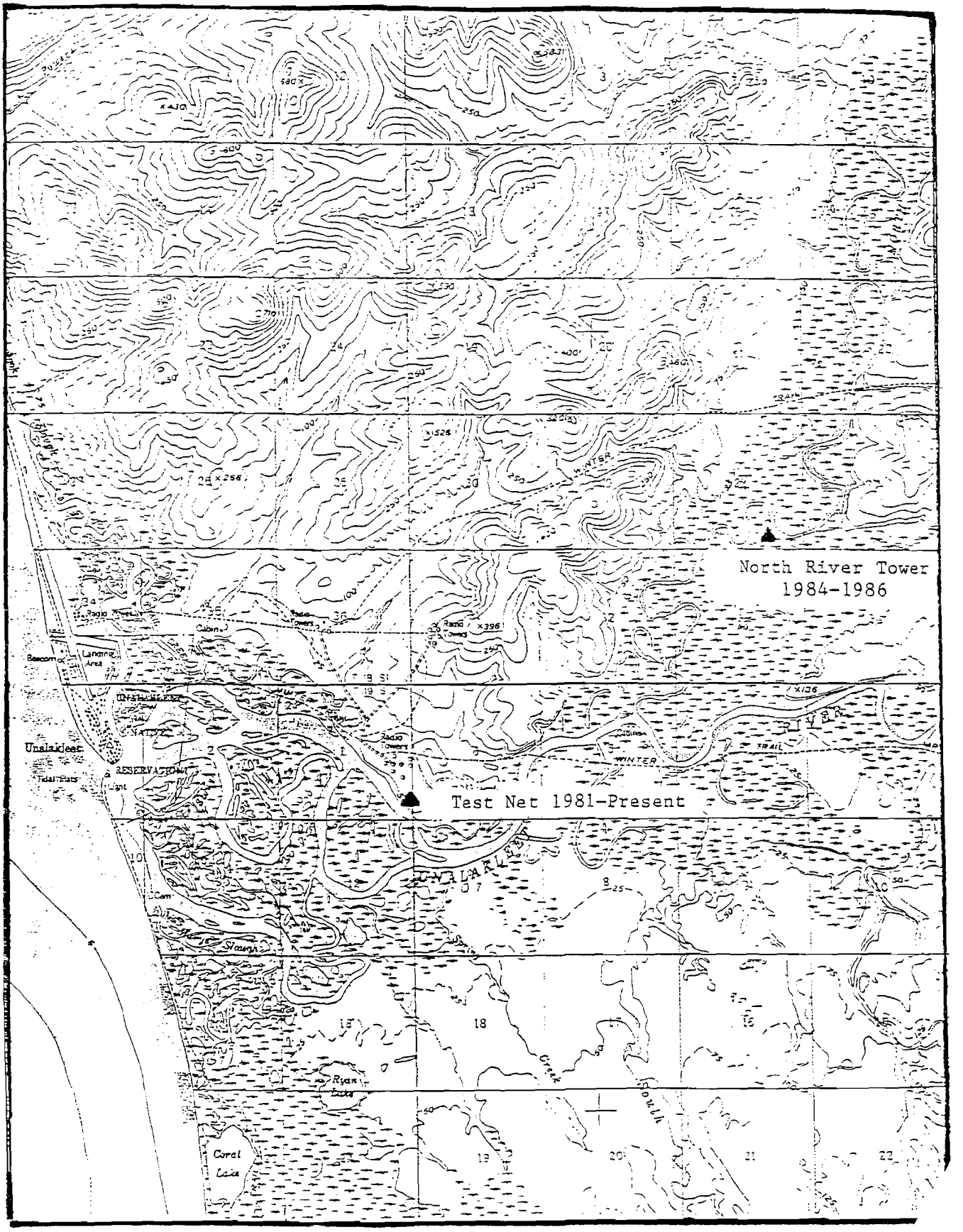


Figure 1. Area Location map of the Unalakleet River escapement projects, Norton Sound

Figure 2. Comparison of king salmon commercial and test fish CPUE by year as a percentage of the 12 year average (1982-1993), Unalakleet Subdistrict, Norton Sound.

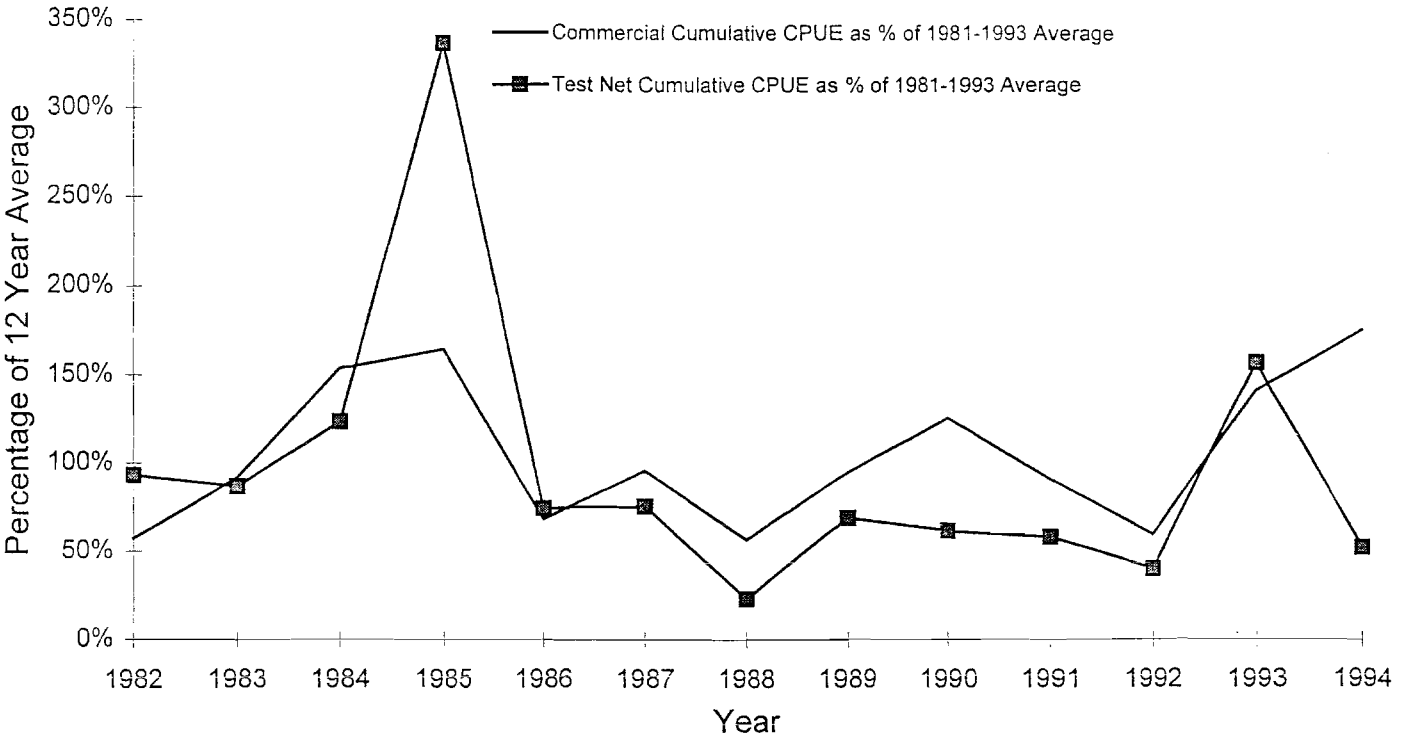


Figure 3. The 1994 cumulative king salmon test fishing CPUE compared to the previous 12 year average (1982-1993), Unalakleet River, Norton Sound.

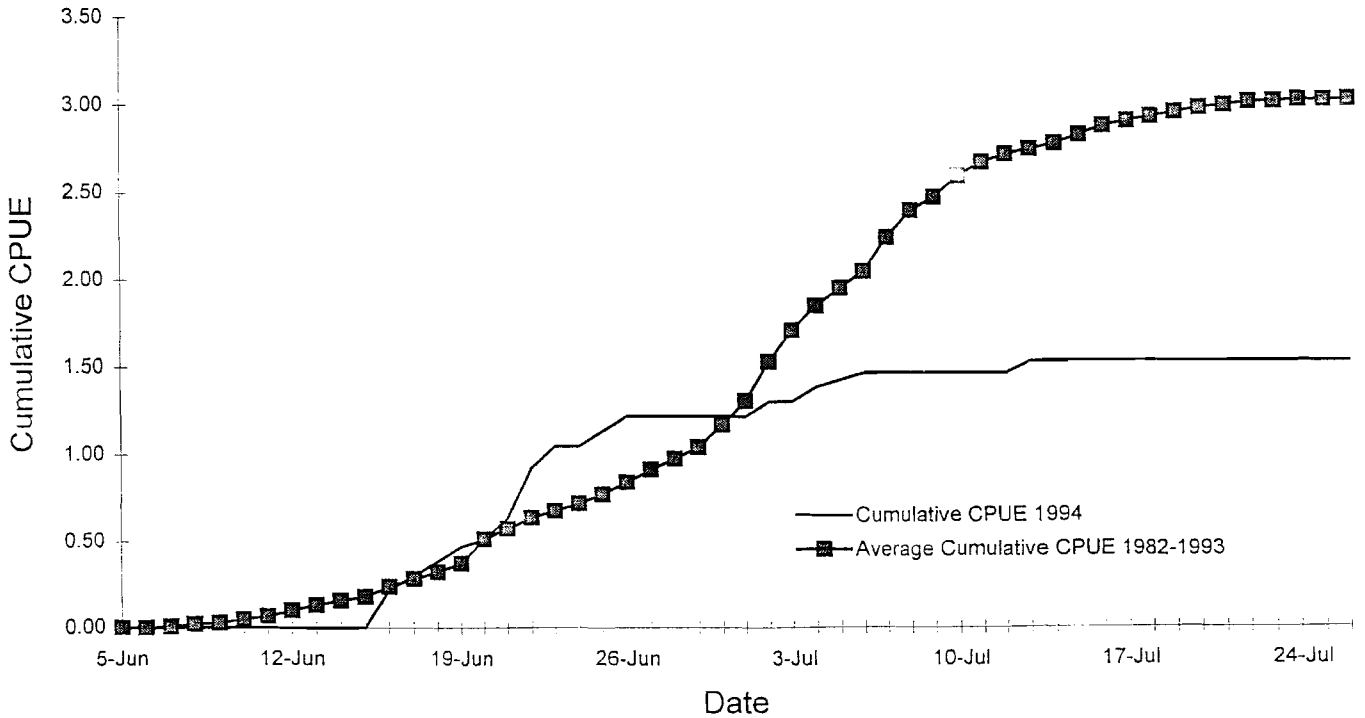


Figure 4. Comparison of coho salmon commercial and test fish CPUE by year as a percentage of the 12 year average (1982-1993), Unalakleet Subdistrict, Norton Sound.

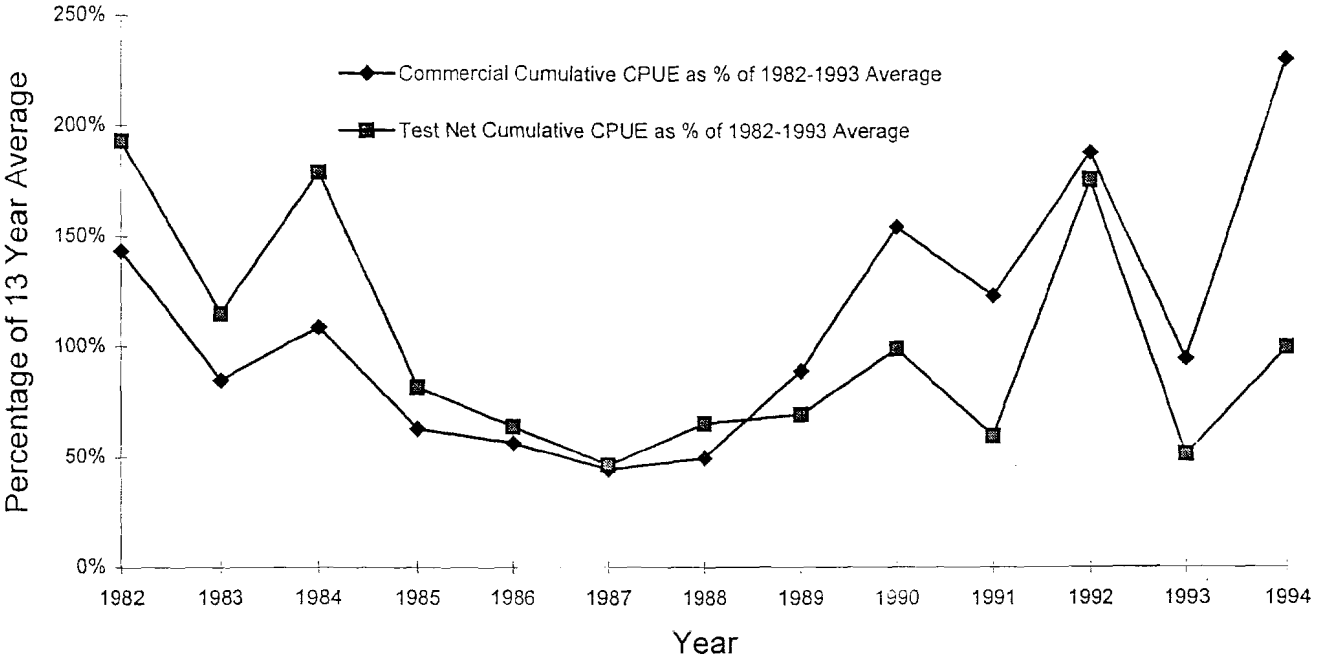


Figure 5. The 1994 cumulative coho salmon test fishing CPUE compared to the previous 12 year average (1992-1993), Unalakleet River, Norton Sound.

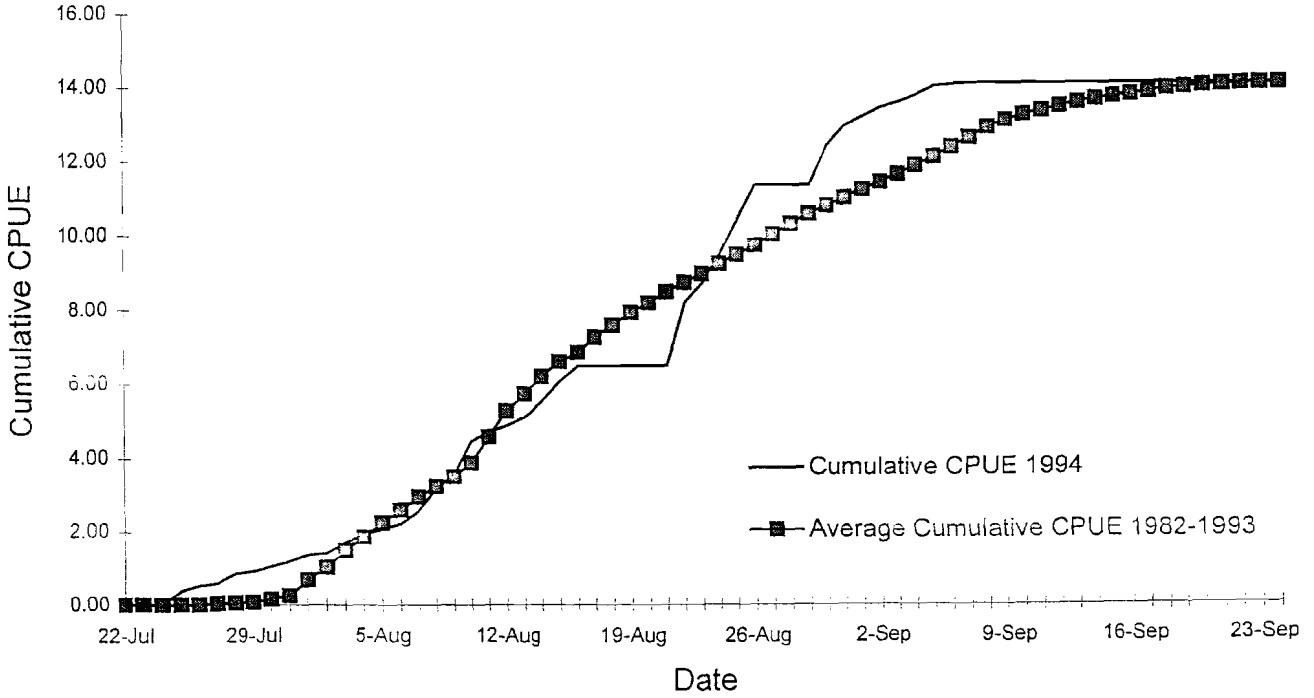


Figure 6. The 1994 cumulative pink salmon test fishing CPUE compared to the even year average (1982-1992), Unalakleet River, Norton Sound.

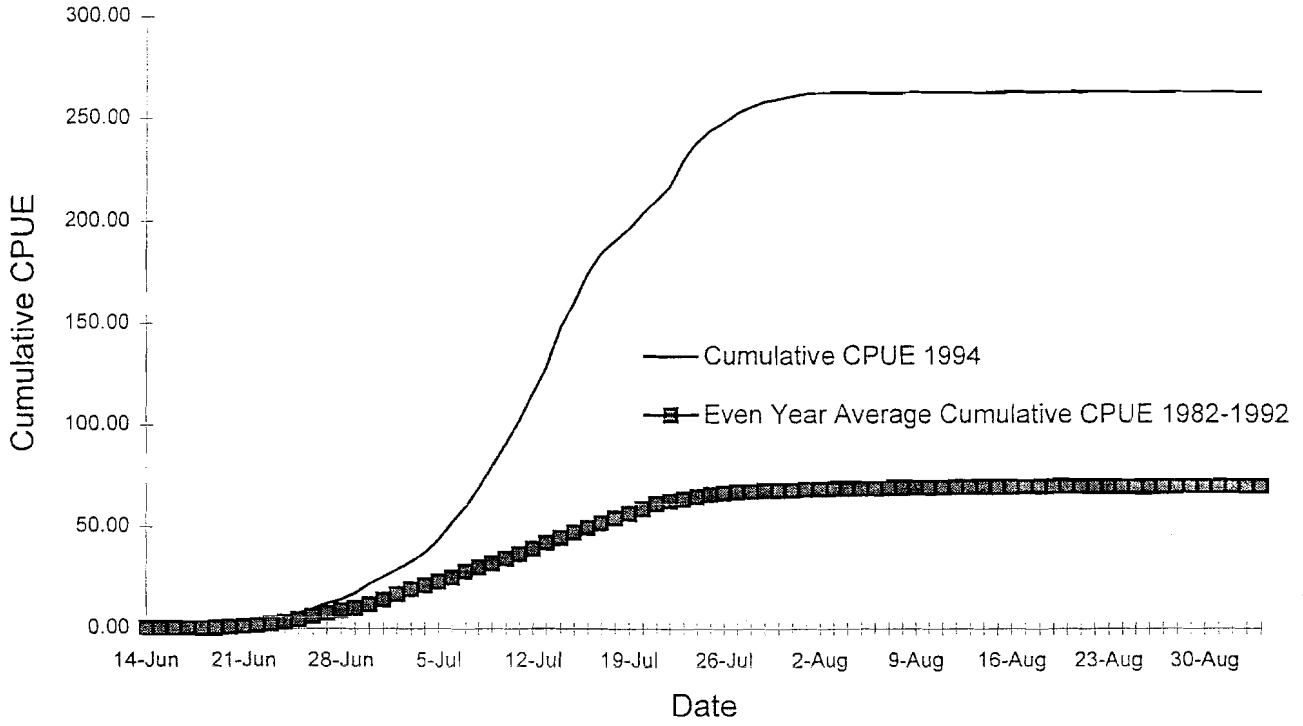
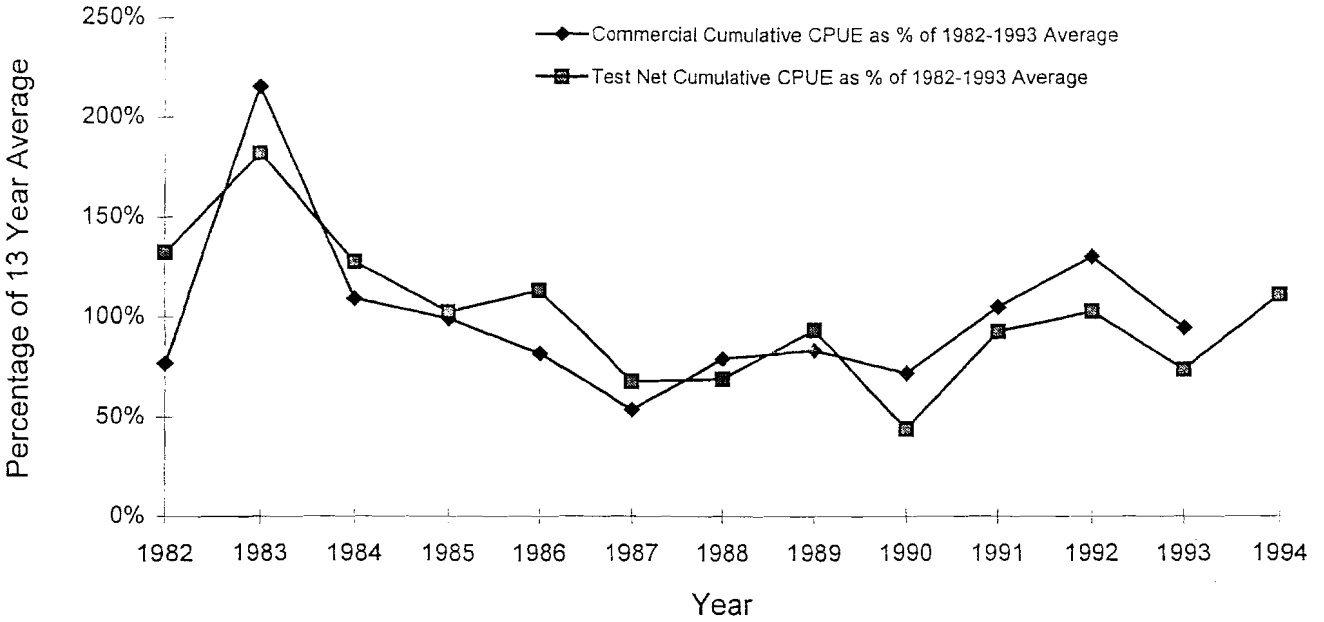


Figure 7. Comparison of chum salmon commercial and test fish CPUE[a] by year as a percentage of the 12 year average (1982-1993), Unalakleet Subdistrict, Norton Sound.



[a] Commercial CPUE was not calculated for 1994.

Figure 8. The 1994 cumulative chum salmon test fishing CPUE compared to the previous 13 year average (1981-1993), Unalakleet River, Norton Sound.

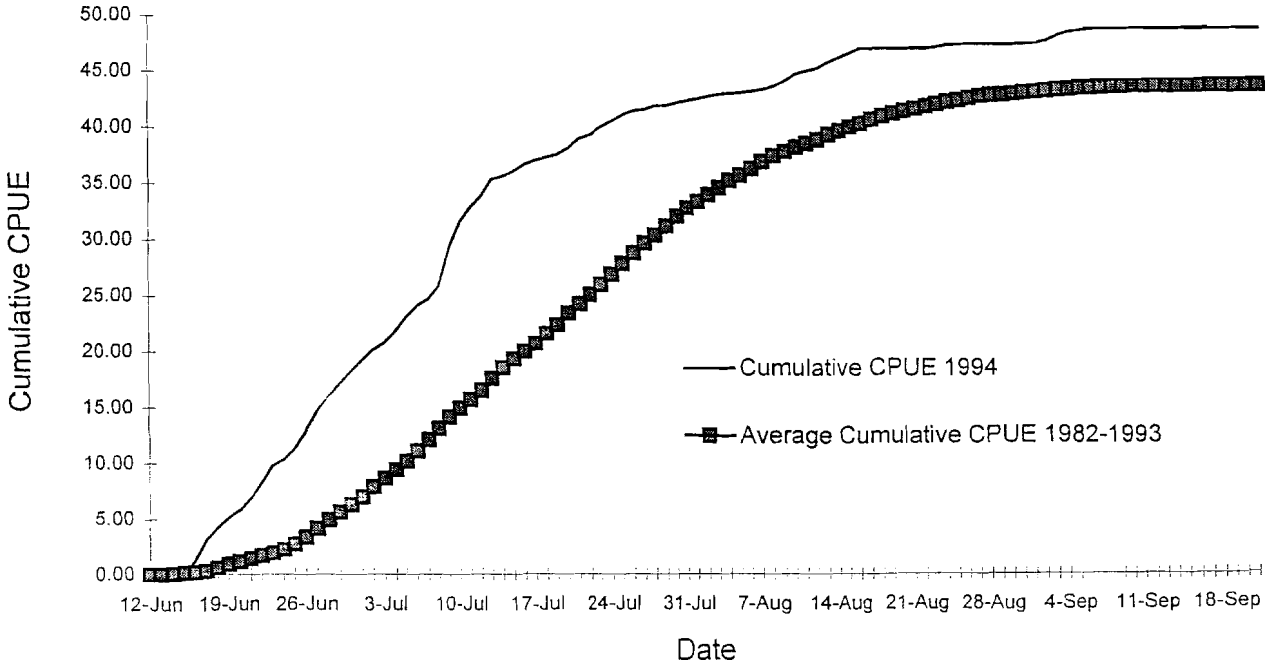


Figure 9. King salmon commercial and test fish cumulative proportion curves showing run-timing by date, Unalakleet Subdistrict, Norton Sound, 1994.

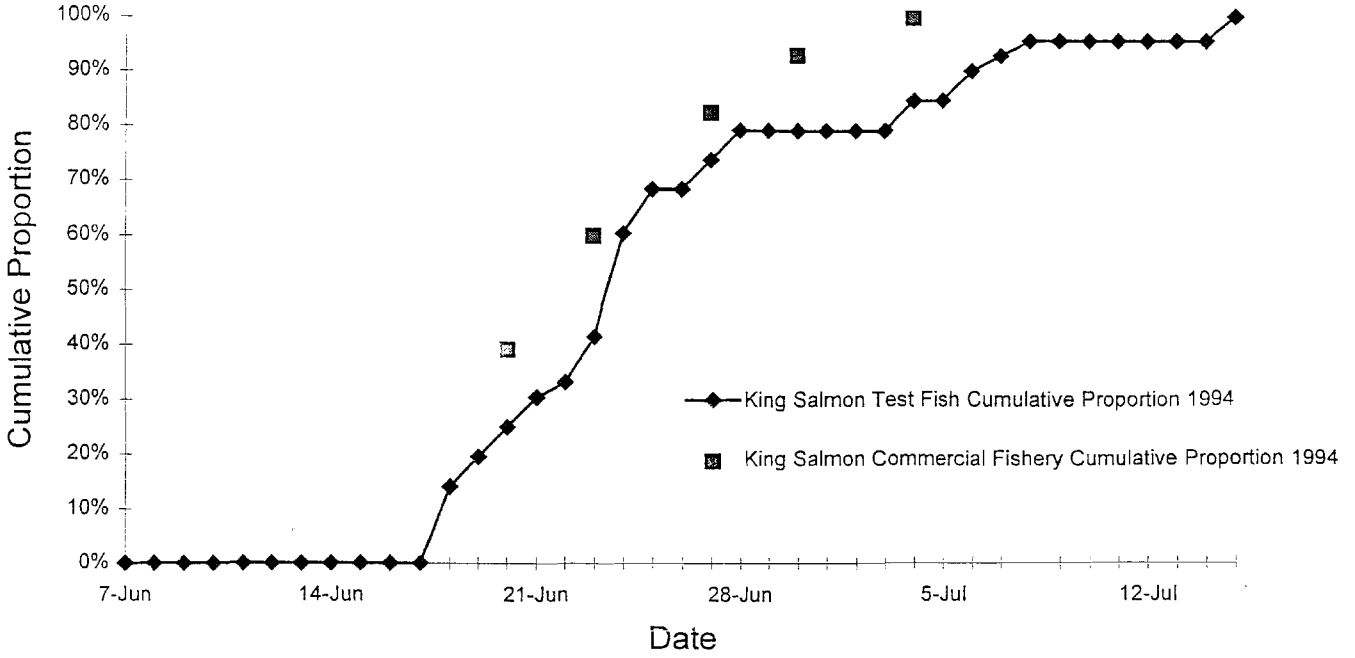


Figure 10. King salmon test fish cumulative proportion run-timing for 1994 compared with the previous 12 year average cumulative proportion (1982-1993), Unalakleet River, Norton Sound.

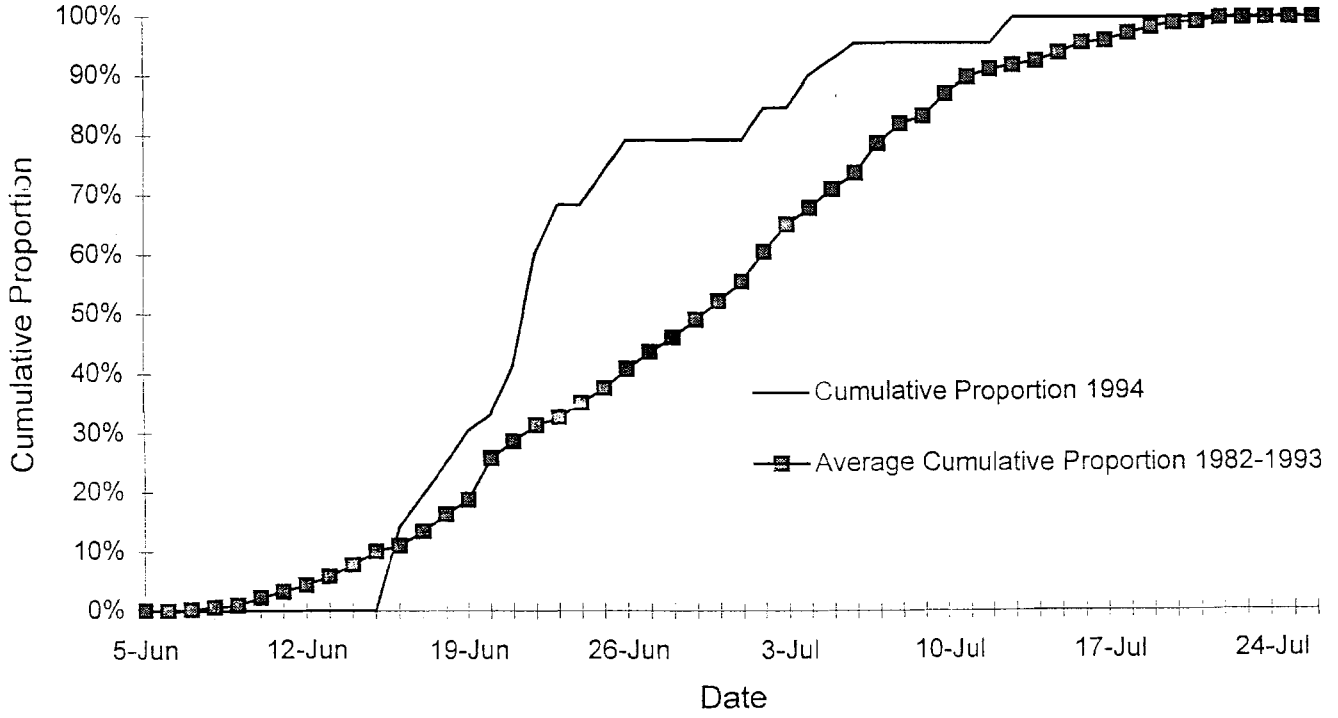


Figure 11. Coho salmon commmercial and test fish cumulative proportion curves showing run-timing by date, Unalakleet Subdistrict, Norton Sound, 1994.

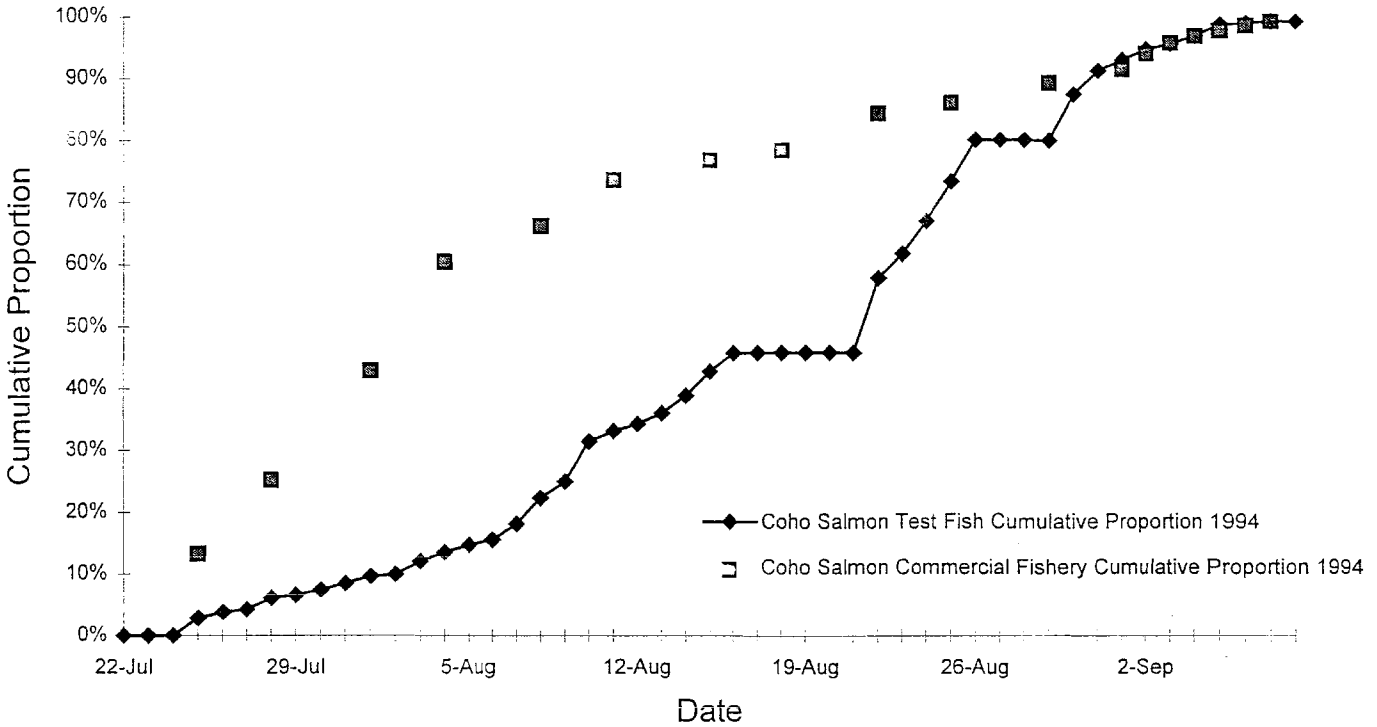


Figure 12. Coho salmon test fish cumulative proportion run-timing for 1994 compared with the 12 year average cumulative proportion (1982-1993), Unalakleet River, Norton Sound.

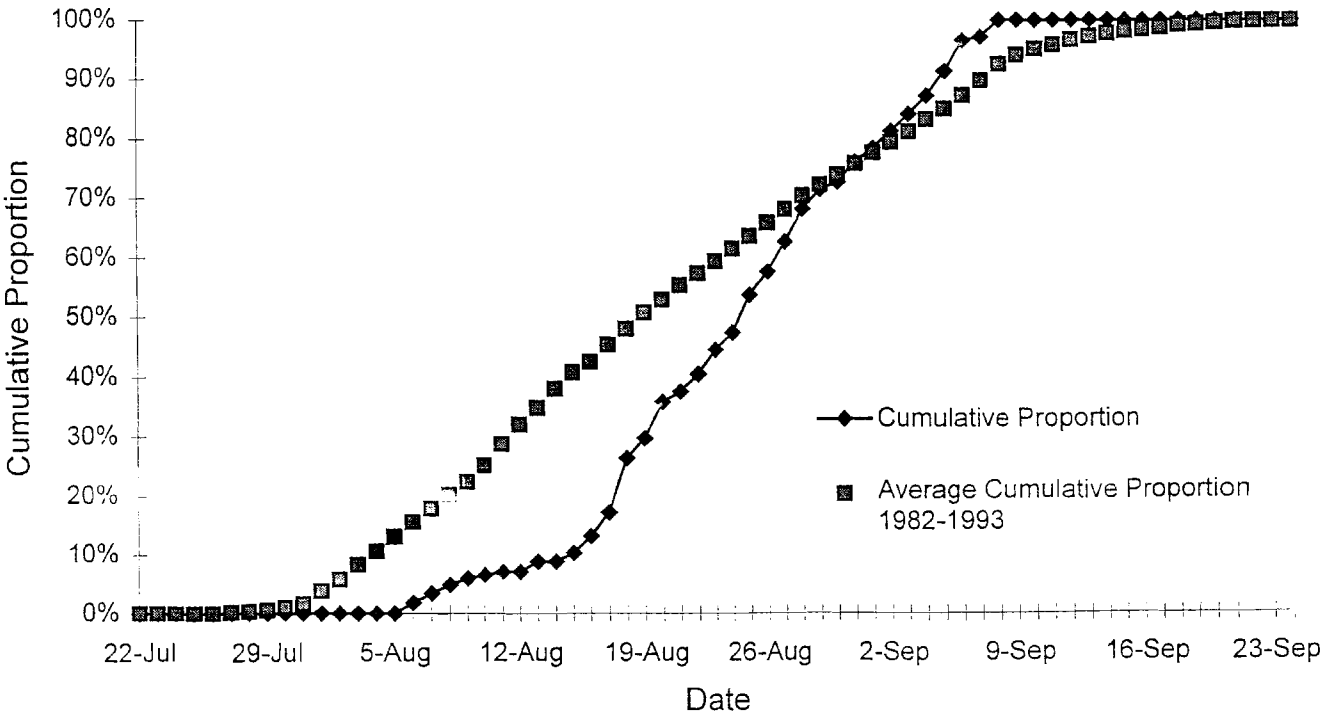


Figure 13. Chum salmon test fish cumulative proportion run-timing for 1994 compared with the 12 year average cumulative proportion (1982-1993), Unalakleet River, Norton Sound.

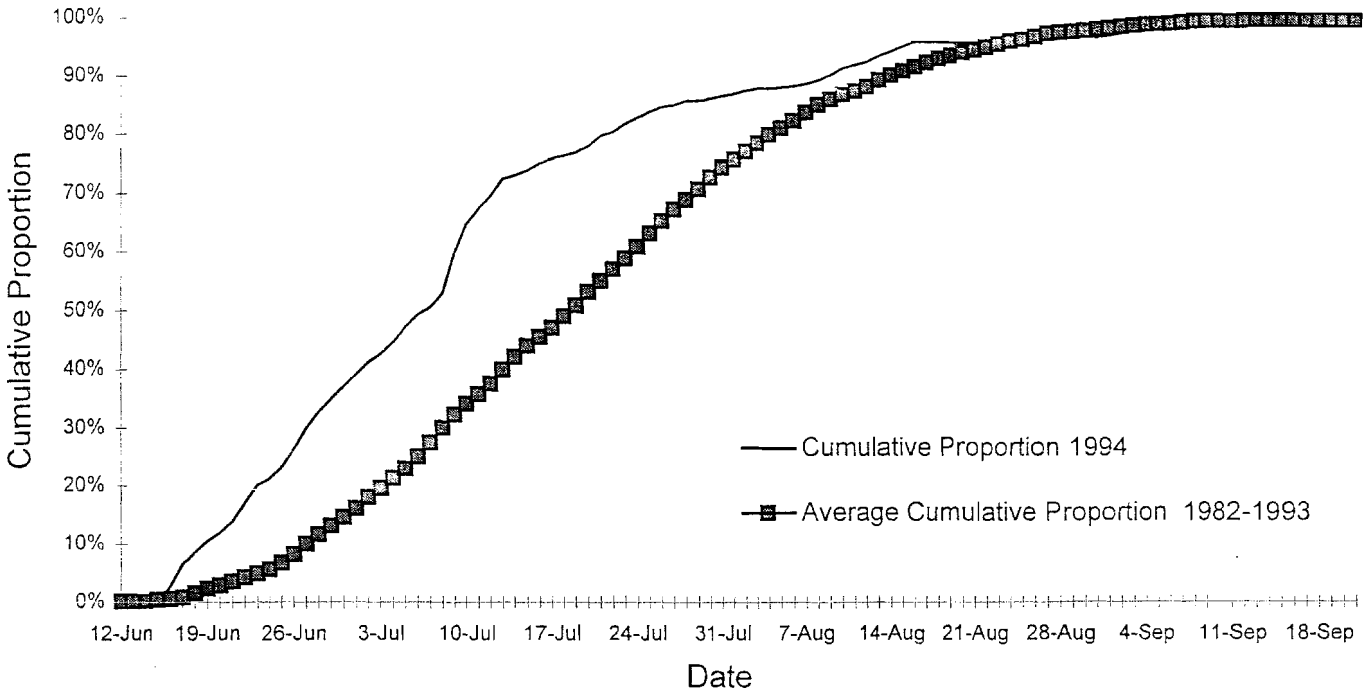
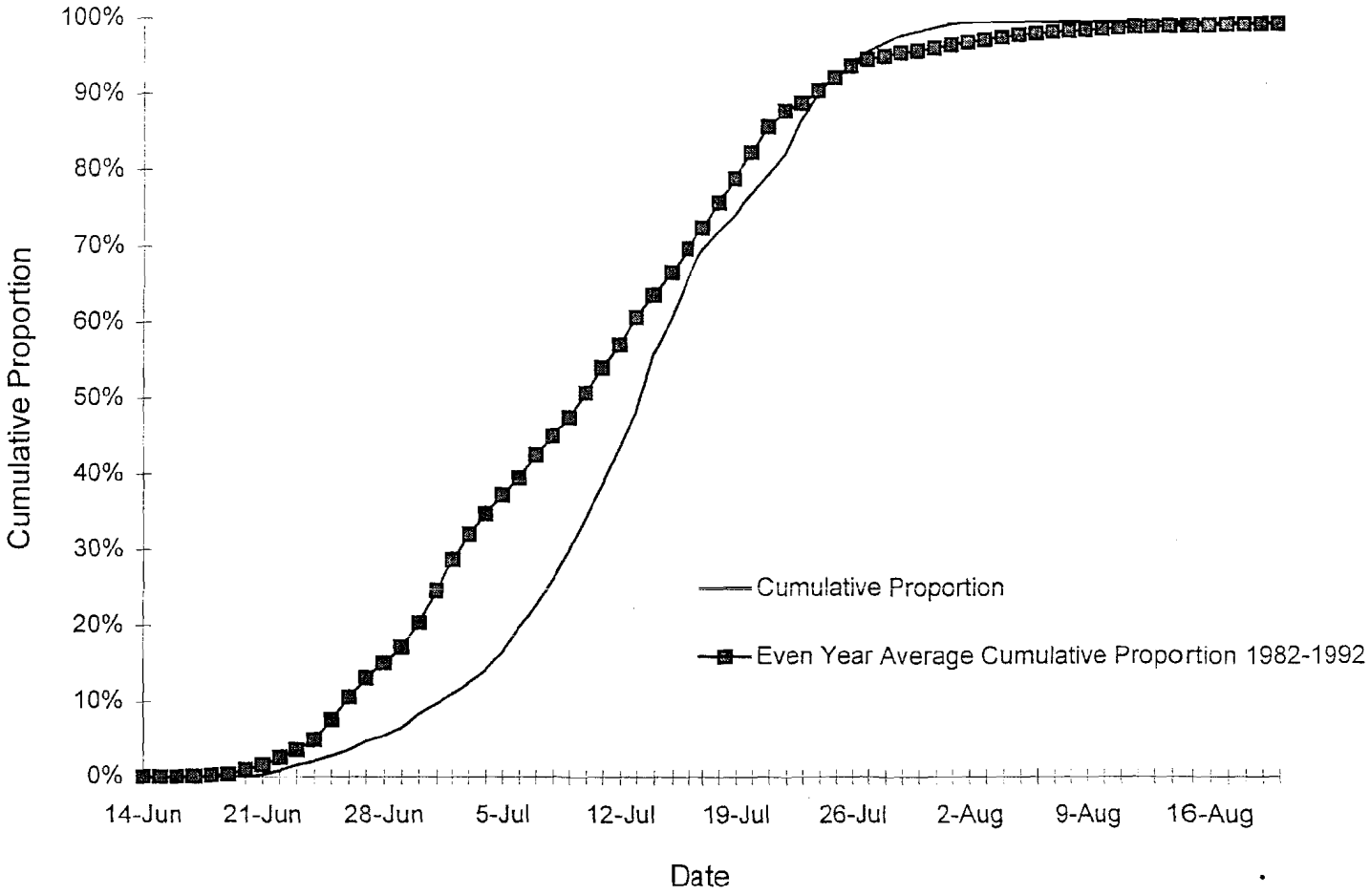



Figure 14. Pink salmon test fish cumulative proportion run-timing for 1994 compared with the 5 year even year average cumulative proportion (1982-1992), Unalakleet River, Norton Sound.