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Unalakleet River Test Net Project, 1995

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 operated on the important North River tributary for three years (Lean 1985a, 1986b, 1987b). Hydroacoustic counting techniques were used unsuccessfully in three prior years (Lean and Peterson 1983, 1984; Lean 1985b). Since 1981 test fishing in the river with set gillnets has provided an index of return strength by species (Lean and Peterson 1982, 1983, 1984, 1985; Lean 1986a, 1987a, 1989, 1991, Bue and Lean 1988, 1990; Bue 1994a, 1994b, 1995; Rob 1996). This report presents test fishing results from the 1995 season and comparisons to historical data.

METHODS

Test Fishing

Test fishing began on 5 June and ended on 11 September in 1995. 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 nets was hung at a 2:1 ratio and was constructed using light green #63 (210/18) multifilament twine, braided ½" nylon cork lines with "Spongex" floats at 30 inch 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. Sunday 11 June was taken off and then beginning on 2 July, every Sunday was taken off for the rest of the season. The gillnet was picked twice daily, except for those occasional days when it was picked more often to prevent fish or debris saturation. All fish caught in the test net were delivered to a local subsistence fisher, per an agreement for the use of her family's traditional setnet site. When this person did not want fish, she 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) 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 15 June to 31 July, in three strata 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. 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

All historical and current year CPUE data were expanded after the 1994 season (Rob, 1996). This years' CPUE data were also expanded to compensate for days not fished. On days when no fishing occurred the expanded CPUE was calculated by summing the CPUE for the last day before and the first day after no fishing occurred and dividing by two.

RESULTS

Test Fishing

A total of 85 king salmon (30% female, 70% male), 188 coho salmon (53% female, 47% male), 221 pink salmon, and 1,101 chum salmon (33% female, 67% male) were caught in the test net from 16 June to 8 September. Daily peak CPUE's occurred on 10 June for king salmon, on 14 August for coho salmon, on 15 and 29 July for pink salmon, and on 29 July for chum salmon. The current year and historical catch data is presented in Appendix Tables 1-4 and the sex composition data is presented in Tables 8, 10 and 12. King salmon data was not collected in 1981 and catch and CPUE data for the other species are not comparable to subsequent years because of fishing site conflicts with the local family during July and August of that year.

Commercial and Subsistence Harvests

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

Comparative Catch Statistics

The king salmon test fish cumulative CPUE in 1995 was 169% of the 13 year average (1982-1994). The king salmon commercial cumulative CPUE in 1995 was 141% of the 13 year average (1982-1994), (Table 2). The coho salmon test fish cumulative CPUE in 1995 was 65% of the 13 year average (1982-1994). The coho salmon commercial cumulative CPUE in 1995 was 95% of the 13 year

average (1982-1994), (Table 3). The chum salmon test fish cumulative CPUE in 1995 was 132% of the 13 year average (1982-1994). The chum salmon commercial cumulative CPUE in 1995 was 45% of the 13 year average (1982-1994), (Table 4). 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 74 king salmon at the test fish site. Four year old, age-1.2, king salmon contributed 43.2% of the sample. Five year old, age-1.3, king salmon contributed 13.5% of the sample. Six year old, age-1.4, king salmon contributed 41.9% of the sample. Seven year old, age-1.5, king salmon contributed 1.4% of the sample (Table 8). Readable scales were collected from 231 king salmon from the Unalakleet subdistrict commercial fishery. Three year old, age-1.1, king salmon contributed 0.9% of the sample. Four year old, age-1.2, king salmon contributed 13.9% of the sample. Five year old, age-1.3 and age-2.2, king salmon contributed 13.4% of the sample. Six year old, age-1.4, king salmon contributed 70.4% of the sample. Seven year old, age-1.5, king salmon contributed 1.3% of the sample (Table 9). The average length of sampled king salmon increased with age except the average for seven year old females in the test fishery was smaller than for six year olds. Females were larger on average than males, except four year old males were larger than females on average in the test fishery (Tables 8 and 9).

Readable scales were collected from 77 coho salmon at the test fish site. Three year old, age-1.1, coho salmon contributed 14.5% of the sample. Four year old, age-2.1, coho salmon contributed 76.3% of the sample. Five year old, age-3.1, coho salmon contributed 9.2% of the sample (Table 10). Readable scales were collected from 176 coho salmon from the Unalakleet subdistrict commercial fishery. Three year old, age-1.1, coho salmon contributed 4.0% of the sample. Four year old, age-2.1, coho salmon contributed 76.1% of the sample. Five year old, age-3.1, coho salmon contributed 19.9% of the sample (Table 11). The average length of sampled female coho salmon decreased with age, the average length of sampled males in the test fishery was essentially the same for all ages, and the average length of five year old male coho salmon in the commercial fishery was smaller than four and three year olds. Sampled male coho salmon were larger than females, except that three year old females were larger than males in the commercial fishery (Tables 10 and 11).

Readable scales were collected from 502 chum salmon at the test fish site. Three year old, age-0.2, chum salmon contributed 24.2% of the sample. Four year old, age-0.3, chum salmon contributed 63.8% of the sample. Five year old, age-0.4, chum salmon contributed 12.0% of the sample (Table 12). Readable scales were collected from 199 chum salmon from the Unalakleet subdistrict

commercial fishery. Three year old, age-0.2, chum salmon contributed 0.5% 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 57.8% of the sample. Six year old, age-0.5, chum salmon contributed 11.1% of the sample (Table 13). The average length of sampled chum salmon increased with age and males were larger than females, except 5 year old female chum salmon were smaller than 4 year old females and 4 year old male chum salmon were smaller on average than 3 year old males in the commercial fishery (Tables 12 and 13).

King Salmon Subsistence Survey

Near the mouth of the Unalakleet River subsistence fishing timing was normal, effort was slightly below average, and catch was about 1/3 below average. In comparison to 1994, there was about one third of the ocean subsistence fishing effort and about one third less catch in 1995, (Appendix Table 5).

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" 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 previous 13 year average for each species show a correlation between the commercial and test fisheries, with some exceptions. These exceptions include the 1994 king salmon commercial CPUE which was much greater than that for the test fishery, the 1985 king salmon commercial CPUE which was much smaller than that for the test fishery, and for the 1995 chum salmon commercial CPUE which was smaller than that for the test fishery (Figures 2, 4, and 7). Both commercial and test fish CPUE indices are useful management tools when combined with run-timing data (Tables 1-7, Appendix Tables 1-4 and Figures 9-15). 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 2-4) 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 Subdistrict chum salmon. Shaktoolik Subdistrict 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 goals for the number and timing of Unalakleet Subdistrict chum salmon samples were not met. There were three directed chum salmon openings from 29 June to 8 July, and during the rest of the sampling period chum salmon catches were only incidental and difficult to sample (Table 1).

For the second year in a row, the Division of Subsistence conducted an in depth subsistence survey. The results of these surveys were expanded to account for all households in the village. The expanded subsistence salmon harvest estimate for 1995 of 34,008 was about 7% less than that for 1994 (Table 6).

Unalakleet River water temperature data collected by the U.S. Weather Service is presented in Figure 16.

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LITERATURE CITED

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Table 1. Commercial salmon harvest by fishing period, Unalakleet Subdistrict, Norton Sound, 1995.

				King Salmon				Coho Salmon				Pink Salmon				Chum Salmon			
Period	Dates	Hours Fished	# of Fish-ermen	# of Kings	CPUE	Cumul-ative CPUE[a]	C[a]	# of Coho	CPUE	Cumul-ative CPUE[b]	C[b]	# of Pinks	CPUE	Cumul-ative CPUE[c]	C[c]	# of Chums	CPUE	Cumul-ative CPUE[d]	C[d]
1 King	6/12-6/13	24	38	812	0.89	0.89	12.2%	0				0				11	0.01		
2 King	6/15-6/16	24	33	477	0.60	1.49	19.3%	0				0				22	0.03		
3 King	6/19-6/21	48	46	2,555	1.16	2.65	57.6%	0				0				293	0.13		
4 King	6/22-6/24	48	32	1,838	1.20	3.85	85.2%	0				0				496	0.32		
5 King	6/26-6/28	48	44	988	0.47	4.31	100.0%	0				0				940	0.45		
6 Chum	6/29-7/1	48	28	405	0.30			0				0				1,197	0.89	0.89	10.7%
7 Chum	7/3-7/5	48	23	326	0.30			0				0				5,318	4.82	5.71	58.1%
8 Chum	7/6/-7/8	48	28	125	0.09			0				500	0.37			4,697	3.49	9.20	100.0%
9 Pink	7/10-7/11	24	12	5	0.02			1	0.00			8,307	28.84	28.84	22.8%	146	0.51		
10 Pink	7/12-7/13	24	14	27	0.08			8	0.02			11,459	34.10	62.95	54.1%	410	1.22		
11 Pink	7/14-7/15	36	16	14	0.02			13	0.02			15,718	27.29	90.24	97.2%	484	0.84		
12 Coho	7/24-26	48	24	5	0.00			907	0.79	0.79	2.9%	1,025	0.89	91.13	100.0%	3,894	3.38		
13 Coho	7/31-8/2	48	32	7	0.00			3,002	1.95	2.74	12.5%	0				2,667	1.74		
14 Coho	8/3-8/5	48	12	1	0.00			2,016	3.50	6.24	19.0%	0				761	1.32		
15 Coho	8/7-8/9	48	34	6	0.00			4,640	2.84	9.08	33.8%	0				961	0.59		
16 Coho	8/10-8/12	48	34	2	0.00			5,624	3.45	12.53	51.8%	0				784	0.48		
17 Coho	8/14-8/16	48	33	2	0.00			6,355	4.01	16.54	72.1%	0				540	0.34		
18 Coho	8/17-8/19	48	24	8	0.01			2,618	2.27	18.82	80.5%	0				401	0.35		
19 Coho	8/21-8/23	48	28	10	0.01			3,144	2.34	21.15	90.6%					469	0.35		
20 Coho	8/24-8/26	48	27	4	0.00			2,952	2.28	23.43	100.0%					352	0.27		

[a] The king salmon cumulative CPUE and cumulative proportion (C) were computed using data from king salmon fishing periods only.

[b] The coho salmon cumulative CPUE and cumulative proportion (C) were computed using data from coho salmon fishing periods only.

[c] The pink salmon cumulative CPUE and cumulative proportion (C) were computed using data from pink salmon fishing periods only.

[d] The chum salmon cumulative CPUE and cumulative proportion (C) were computed using data from chum salmon fishing periods only.

Table 2. King salmon commercial catch and escapement data, Unalakleet Subdistrict, Norton Sound, 1981-1995.

Year	Commercial Catch	Commercial Cumulative CPUE	Commercial Cumulative CPUE as % of 1982-1994 Average	Test Net Catch	Test Net Cummulative CPUE	Test Net Cumulative CPUE as % of 1982-1994 Average	North River Tower Counts	North River Aerial Survey Counts
1981	6,157							
1982	3,768	1.65	54%	22	2.74	97%		8
1983	7,022	2.65	87%	18	2.55	90%		347
1984	6,804	4.44	145%	41	3.63	128%	2,844	51
1985	12,621	4.75	155%	171	9.93	350%	1,426	703
1986	4,494	1.98	65%	49	2.19	77%	1,613	
1987	3,246	2.77	91%	42	2.23	79%		445
1988	2,218	1.64	54%	13	0.67	24%		
1989	4,402	2.74	90%	45	2.03	72%		
1990	5,998	3.64	119%	41	1.82	64%		255
1991	4,534	2.63	86%	33	1.71	60%		256
1992	3,402	1.72	56%	23	1.18	42%		329
1993	5,944	4.08	133%	91	4.61	163%		900
1994	4,400	5.07	166%	35	1.53	54%		
1995	7,617	4.31	141%	85	4.79	169%		
Average 1982-1994	5,296	3.06		48	2.83			

Table 3. Coho salmon commercial catch and escapement data, Unalakleet Subdistrict, Norton Sound, 1981-1995.

Year	Commercial Catch	Commercial Cumulative CPUE	Commercial Cumulative CPUE as % of 1982-1994 Average	Test Net Catch	Test Net cummulative CPUE	Test Net Cumulative CPUE as % of 1982-1994 Average	North River Tower Counts	North River Aerial Survey Counts
1981	29,845			301	12.54			263
1982	61,343	32.23	130%	235	27.28	193%		4,145
1983	36,098	19.05	77%	184	16.25	115%		
1984	47,904	24.44	99%	259	25.30	179%		152
1985	15,421	14.16	57%	172	11.56	82%	2,045	
1986	20,580	12.69	51%	134	9.01	64%		
1987	15,097	10.02	40%	128	6.58	47%		680
1988	24,265	11.17	45%	172	9.26	65%		
1989	36,025	20.03	81%	181	9.82	69%		
1990	52,015	34.75	140%	254	14.01	99%		
1991	52,033	27.65	112%	152	8.46	60%		2,510
1992	84,449	42.40	171%	421	24.92	176%		398
1993	26,290	21.28	86%	138	7.28	51%		1,397
1994	71,019	51.96	210%	276	14.13	100%		
1995	31,280	23.43	95%	188	9.13	65%		
Average 1982-1994	41,734	24.76		208	14.14			

Table 4. Chum salmon commercial catch and escapement data, Unalakleet Subdistrict, Norton Sound, 1981-1995.

Year	Commercial Catch	Commercial Cumulative CPUE	Commercial Cumulative CPUE as % of 1982-1994 Average	Test Net Catch	Test Net Cummulative CPUE	Test Net Cumulative CPUE as % of 1982-1994 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	131%		4,135
1983	109,220	43.90	215%	547	79.29	180%		
1984	43,317	22.25	109%	608	55.65	126%	2,915	1,625
1985	25,111	20.20	99%	819	44.75	101%	4,567	
1986	29,136	16.69	82%	806	49.49	112%	3,738	
1987	17,525	10.94	54%	608	29.61	67%		392
1988	25,364	16.15	79%	488	30.17	68%		
1989	20,825	17.01	83%	730	40.76	92%		
1990	23,659	14.62	72%	331	19.08	43%		1,345
1991	39,609	21.46	105%	735	40.57	92%		2,435
1992	52,547	26.60	130%	926	44.97	102%		
1993	28,156	19.37	95%	637	32.27	73%		445
1994	12,288	[a]	[a]	891	48.75	111%		
1995	24,843	9.20	45%	1,101	58.29	132%		
Average 1982-1994	36,252	20.40		651	44.09			

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

Table 5. Pink salmon commercial catch and escapement data, Unalakleet Subdistrict, Norton Sound, 1994-1995.[a]

Year	Commercial Catch	Commercial Cumulative CPUE	Test Net Catch	Test Net Cummulative CPUE
1994	480,158	68.28	3,816	264.59
1995	37,009	91.13	221	13.57

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

Table 6. Commercial and subsistence salmon catches by species, Unalakleet Subdistrict, Norton Sound, 1961-1995.

	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
1995	7,617	78	31,280	37,009	24,843	100,827	3,026	9,645	16,404	4,342	34,008 [lm]	10,643	78	40,925	53,413	29,185	134,244
5 Year Average[a]	4,857	211	57,161	176,168	31,252	199,182											
10 Year Average[b]	5,127	175	39,716	92,055	27,532	127,783											

[a] 1990-1994

[b] 1985-1994

[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 644 sockeye salmon.

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

[m] Includes 591 sockeye salmon.

Table 7. Dates of the commercial and test fish mean cumulative proportion, Unalakleet Subdistrict, Norton Sound, 1981-1995.

	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	6/26	8/13	8/6	7/16	7/24		7/3
1987	6/26	7/10	8/15	8/30	7/11	7/23		7/20
1988	6/24	6/27	8/13	8/13	7/13	7/25		7/4
1989	6/20	6/19	8/9	8/15	7/12	7/12		7/20
1990	6/23	6/20	8/11	8/22	7/7	7/13		7/14
1991	6/26	6/24	8/10	8/27	7/17	7/27		7/23
1992	7/8	7/15	8/12	8/12	7/8	7/14		7/13
1993	6/26	6/28	8/17	8/25	7/10	7/30		7/14
1994	6/23	6/22	8/4	8/22	7/28	7/6	7/12	7/13
1995	6/20	6/18	8/11	8/14	7/4	7/14	7/12	7/22
Average 1982-1994	6/26	6/27	8/12	8/18	7/15	7/17		7/13

Table 8. King salmon test fish age and sex composition and mean length, Unalakleet River, Norton Sound, 1995.

		Brood Year and (Age Group)				
		1991 (1.2)	1990 (1.3)	1989 (1.4)	1988 (1.5)	Total
Stratum Dates:	6/5-7/11					
Sampling Dates:	6/5-7/11					
Sample Size:	74					
Female	Percent of Sample	5.4%	4.1%	18.9%	1.4%	29.7%
	Number in Catch	4	3	14	1	22
	Mean Length (mm)[a]	535	743	903	830	
Male	Percent of Sample	37.8%	9.5%	23.0%	0.0%	70.3%
	Number in Catch	28	7	17	0	15
	Mean Length (mm)[a]	580	721	850		
Total	Percent of Sample	43.2%	13.5%	41.9%	1.4%	100.0%
	Number in Catch	32	10	31	1	74
	Standard Error	6	4	6	1	

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

Table 9. King salmon commercial catch age and sex composition and mean length, Unalakleet Subdistrict, Norton Sound, 1995.

		Brood Year and (Age Group)						
		1992	1991	1990		1989	1988	
		(1.1)	(1.2)	(1.3)	(2.2)	(1.4)	(1.5)	Total
Stratum Dates:	6/12-8/26							
Sampling Dates:	6/13-6/30							
Sample Size:	231							
Female	Percent of Sample	0.0%	0.4%	3.9%	0.0%	43.0%	0.9%	48.3%
	Number in Catch	0	33	298	0	3,279	66	3,676
	Mean Length (mm)[a]			813		885	905	
Male	Percent of Sample	0.9%	13.5%	9.1%	0.4%	27.4%	0.4%	51.7%
	Number in Catch	66	1,027	695	33	2,086	33	3,941
	Mean Length (mm)[a]	513	562	731	570	856	835	
Total	Percent of Sample	0.9%	13.9%	13.0%	0.4%	70.4%	1.3%	100.0%
	Number in Catch	66	1,060	994	33	5,365	99	7,617
	Standard Error	47	174	169	33	229	57	

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

Table 10. Coho salmon test fish age and sex composition and mean length, Unalakleet River, Norton Sound, 1995.

		Brood Year and (Age Group)			
		1992 (1.1)	1991 (2.1)	1990 (3.1)	Total
Stratum Dates:	7/24-9/11				
Sampling Dates:	7/24-9/11				
Sample Size:	77				
Female	Percent of Sample	6.6%	40.8%	5.3%	52.6%
	Number in Catch	5	31	4	41
	Mean Length (mm)[a]	583	576	548	
Male	Percent of Sample	7.9%	35.5%	3.9%	47.4%
	Number in Catch	6	27	3	36
	Mean Length (mm)[a]	593	592	593	
Total	Percent of Sample	14.5%	76.3%	9.2%	100.0%
	Number in Catch	11	59	7	77
	Standard Error	4	5	3	

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

Table 11. Coho salmon commercial catch age and sex composition and mean length, Unalakleet Subdistrict, Norton Sound, 1995.

		Brood Year and (Age Group)			
		1992 (1.1)	1991 (2.1)	1990 (3.1)	Total
Stratum Dates:	7/10-8/26				
Sampling Dates:	8/2-8/9				
Sample Size:	176				
Female	Percent of Sample	1.1%	34.1%	10.8%	46.0%
	Number in Catch	355	10,664	3,377	14,396
	Mean Length (mm)[a]	590	568	558	
Male	Percent of Sample	2.8%	42.0%	9.1%	54.0%
	Number in Catch	889	13,152	2,844	16,884
	Mean Length (mm)[a]	574	578	565	
Total	Percent of Sample	4.0%	76.1%	19.9%	100.0%
	Number in Catch	1,244	23,815	6,220	31,280
	Standard Error	462	1,008	944	

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

Table 12. Chum salmon test fish age and sex composition and mean length, Unalakleet River, Norton Sound, 1995.

		Brood Year and (Age Group)			
		1991 (0.2)	1990 (0.3)	1989 (0.4)	Total
Stratum Dates:	6/5-8/30				
Sampling Dates:	6/5-8/30				
Sample Size:	502				
Female	Percent of Sample	6.0%	23.0%	4.0%	33.0%
	Number in Catch	337	1,290	224	1,851
	Mean Length (mm)[a]	580	593	612	
Male	Percent of Sample	18.2%	40.8%	8.0%	67.0%
	Number in Catch	1,021	2,289	449	3,759
	Mean Length (mm)[a]	603	615	612	
Total	Percent of Sample	24.2%	63.8%	12.0%	100.0%
	Number in Catch	1,358	3,579	673	5,610
	Standard Error	107	120	81	

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

Table 13. Chum salmon commercial catch age and sex composition and mean length, Unalakleet Subdistrict, Norton Sound, 1995.

		Brood Year and (Age Group)				
		1992 (0.2)	1991 (0.3)	1990 (0.4)	1989 (0.5)	Total
Stratum Dates:	6/12-8/26					
Sampling Dates:	7/4-8/2					
Sample Size:	199					
Female	Percent of Sample	0.0%	11.1%	33.2%	5.0%	49.2%
	Number in Catch	0	2,746	8,239	1,248	12,234
	Mean Length (mm)[a]		579	575	593	
Male	Percent of Sample	0.5%	19.6%	24.6%	6.0%	50.8%
	Number in Catch	125	4,869	6,117	1,498	12,609
	Mean Length (mm)[a]	590	589	602	617	
Total	Percent of Sample	0.5%	30.7%	57.8%	11.1%	100.0%
	Number in Catch	125	7,615	14,357	2,746	24,843
	Standard Error	125	814	872	554	

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

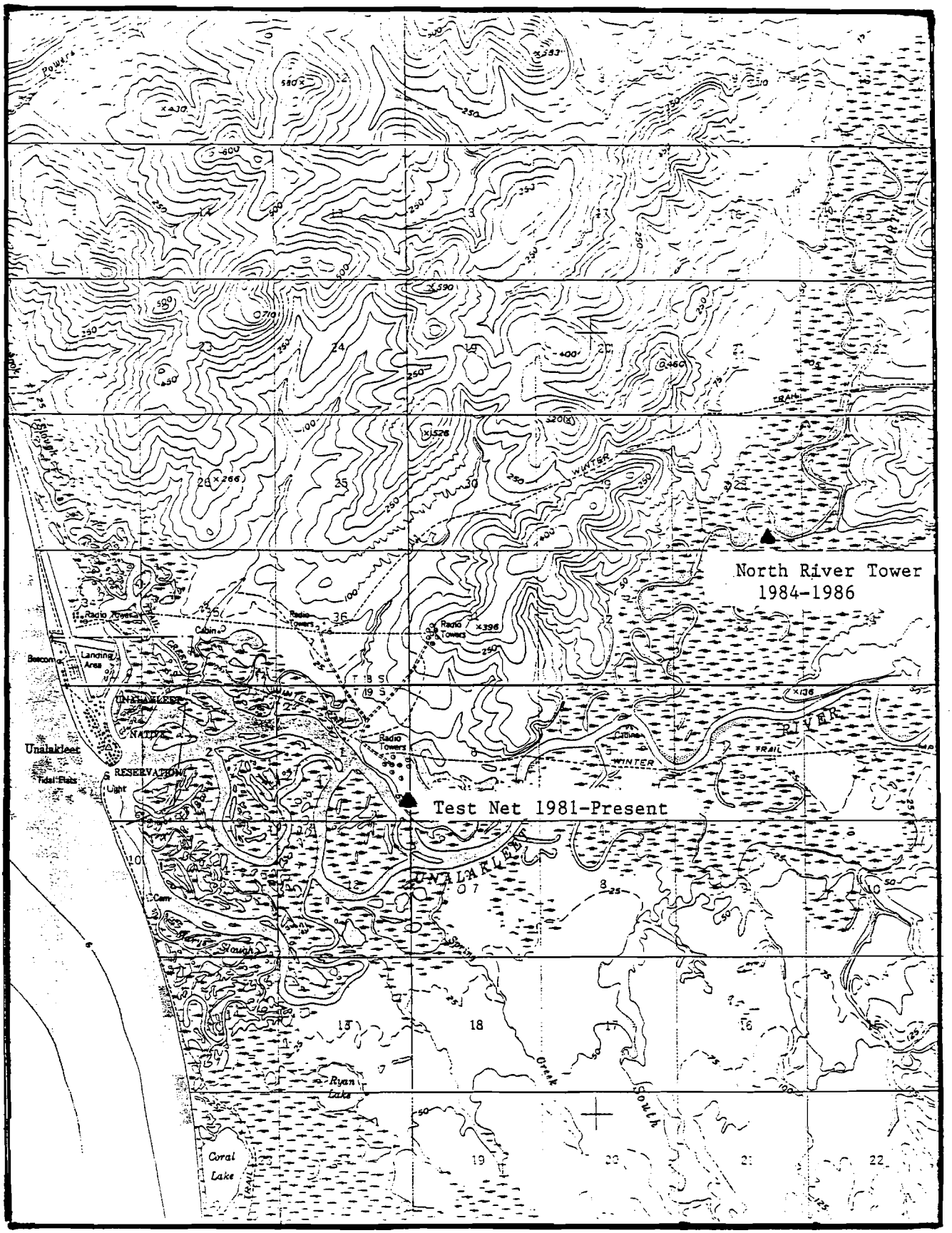


Figure 1. Area location map of the Unalakleet River escapement projects, Norton Sound 1995.

Figure 2. Comparison of king salmon commercial and test fish cumulative CPUE by year as a percentage of the 13 year average (1982-1994), Unalakleet Subdistrict, Norton Sound.

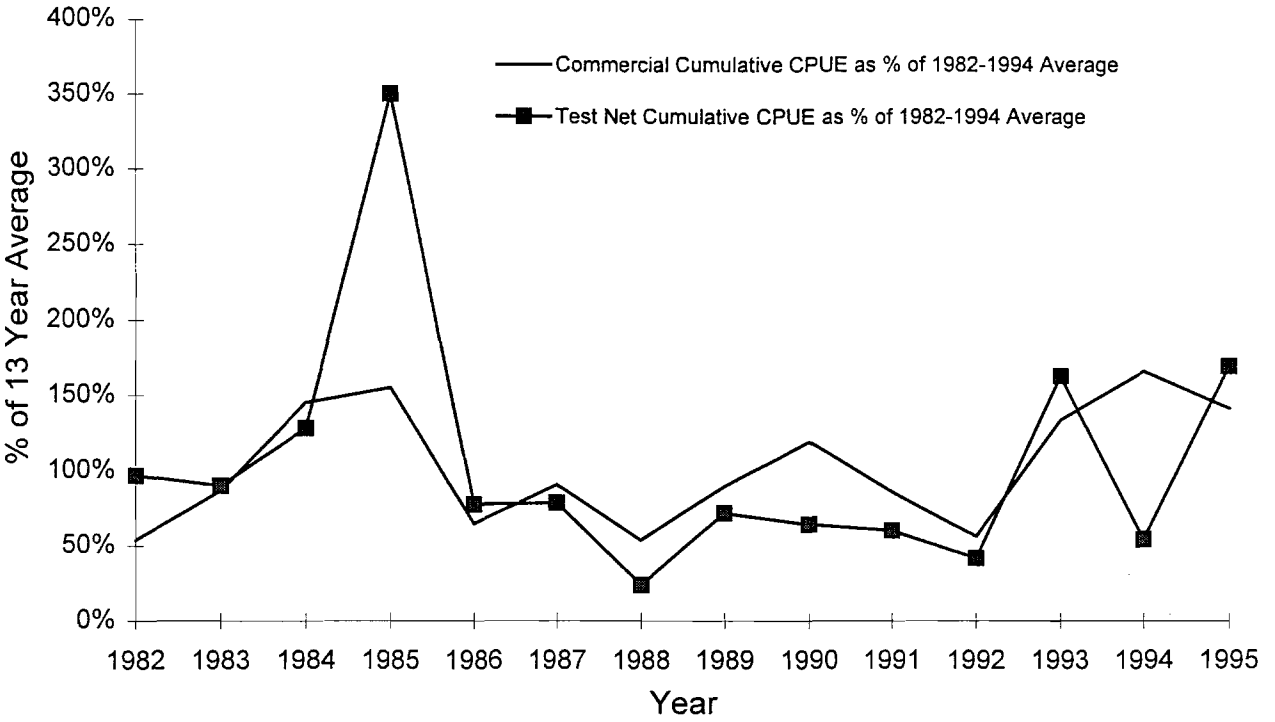


Figure 3. The 1995 cumulative king salmon test fishing CPUE compared to the previous 13 year average (1982-1994), Unalakleet River, Norton Sound.

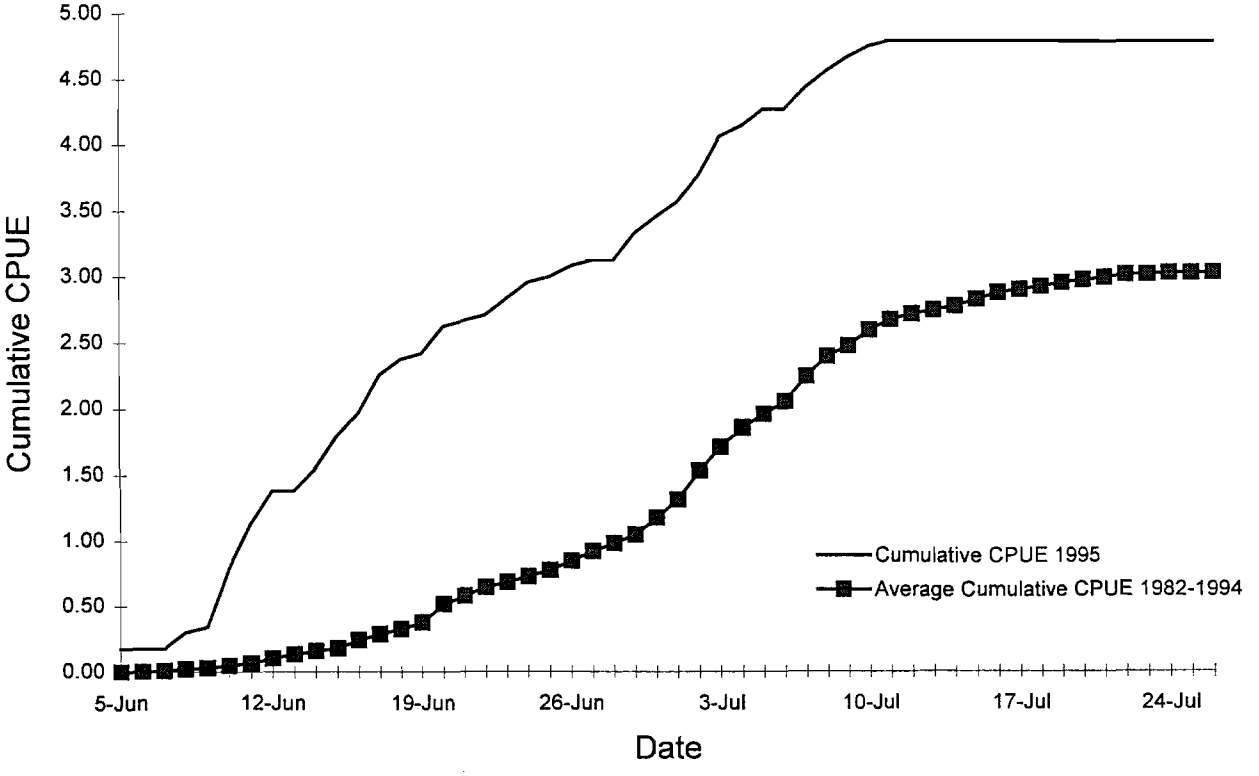


Figure 4. Comparison of coho salmon commercial and test fish cumulative CPUE by year as a percentage of the 13 year average (1982-1994), Unalakleet Subdistrict, Norton Sound.

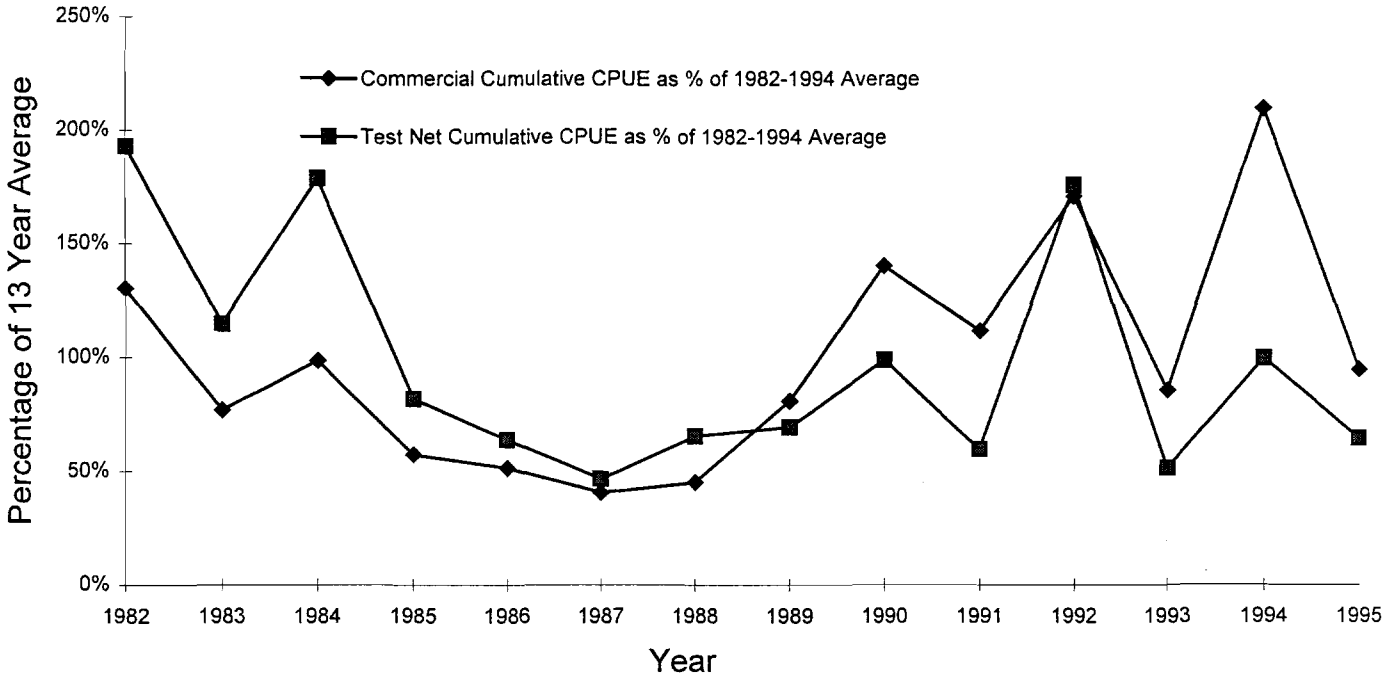


Figure 5. The 1995 cumulative coho salmon test fishing CPUE compared to the previous 13 year average (1982-1994), Unalakleet River, Norton Sound.

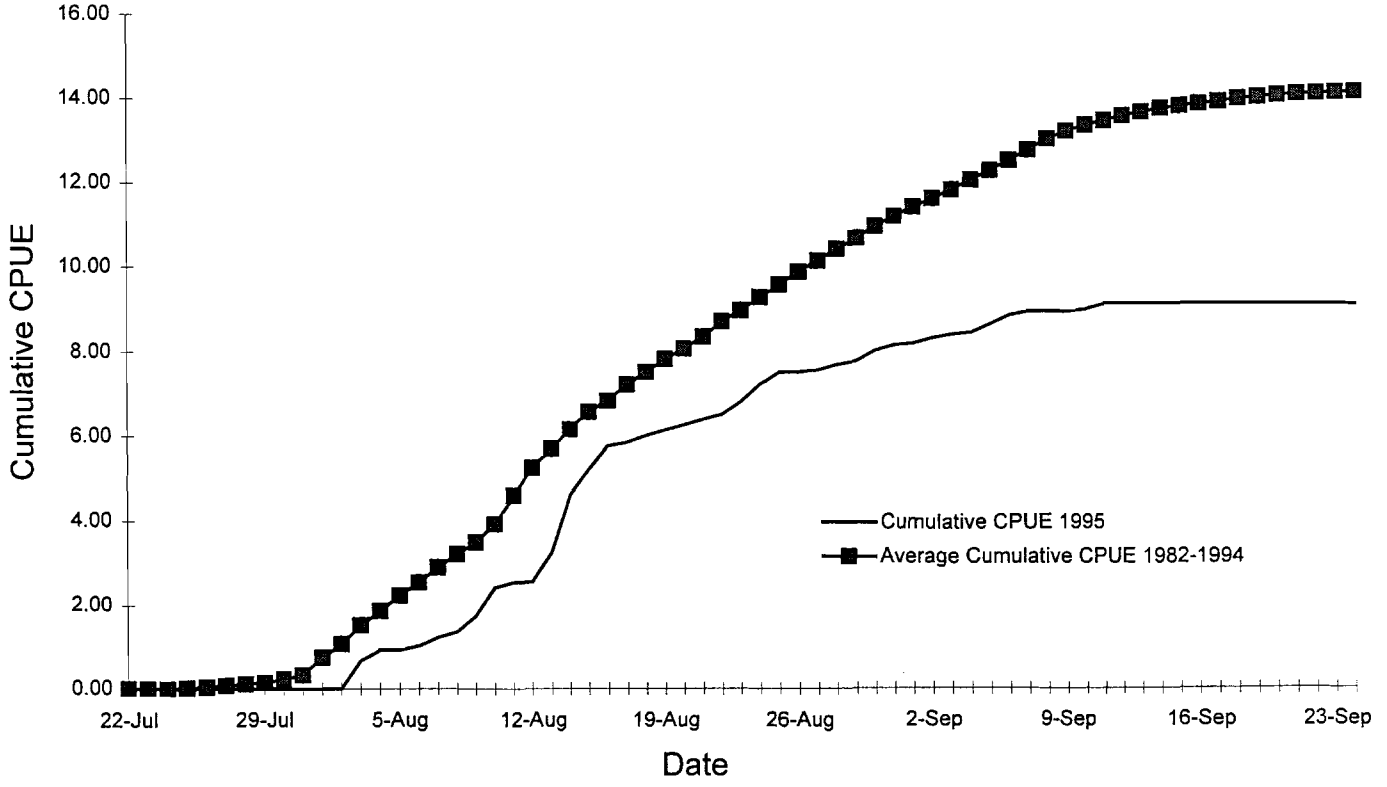


Figure 6. The 1995 cumulative pink salmon test fishing CPUE compared to the odd year average (1983-1993), Unalakleet River, Norton Sound.

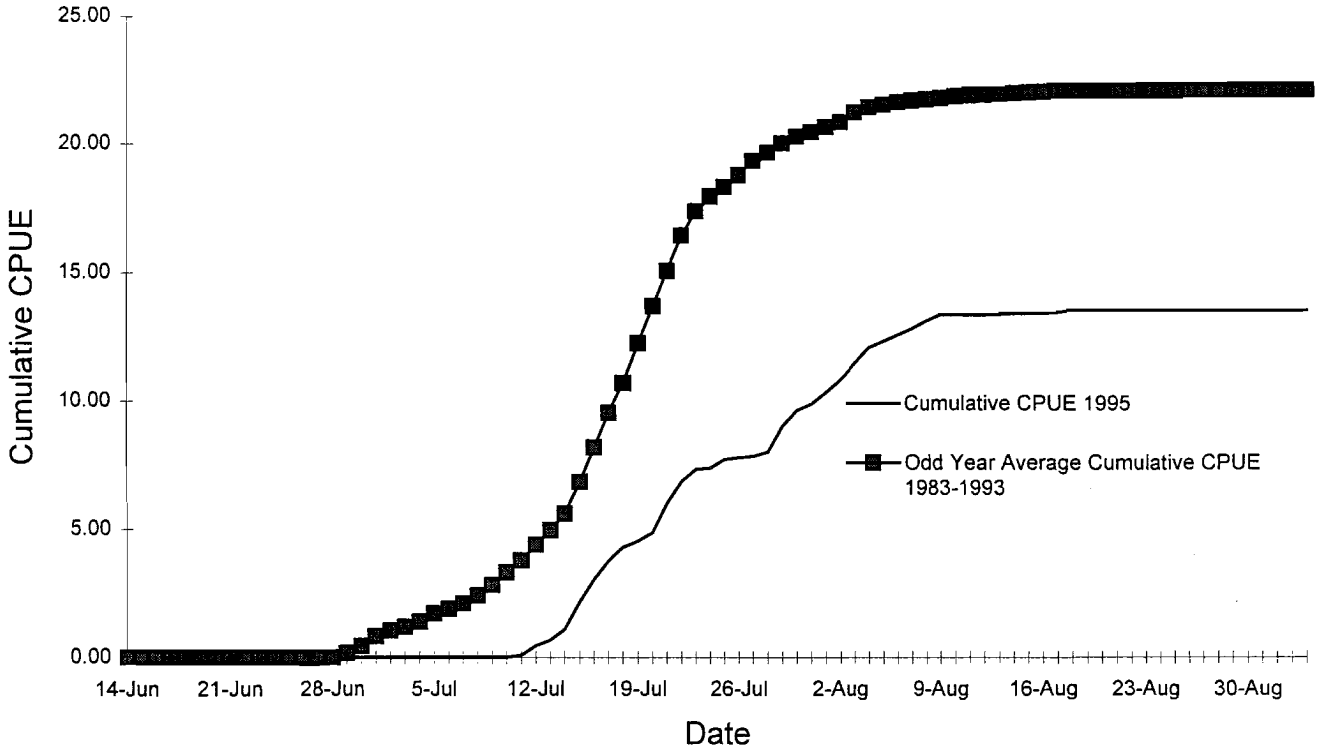
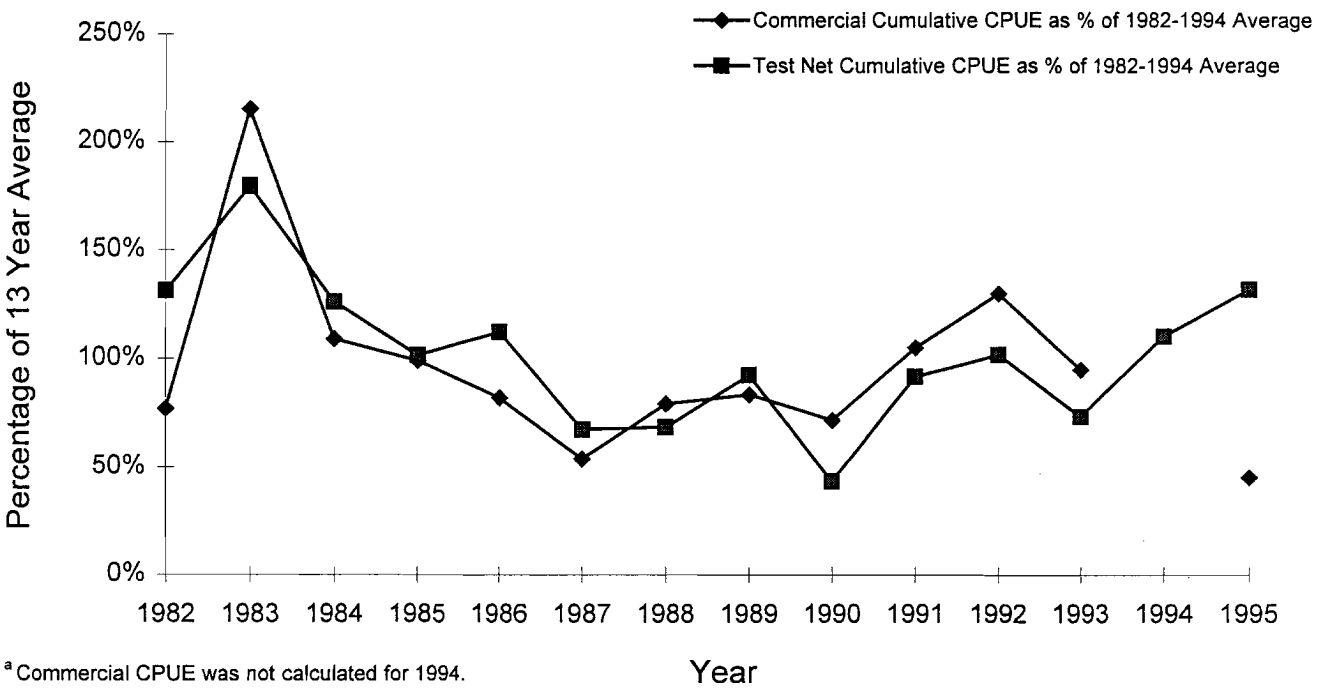


Figure 7. Comparison of chum salmon commercial and test fish cumulative CPUEa by year as a percentage of the 13 year average (1982-1994), Unalakleet Subdistrict, Norton Sound, 1995.



[a] Commercial CPUE was not calculated for 1994.

Figure 8. The 1995 cumulative chum salmon test fishing CPUE compared to the previous 14 year average (1981-1994), Unalakleet River, Norton Sound.

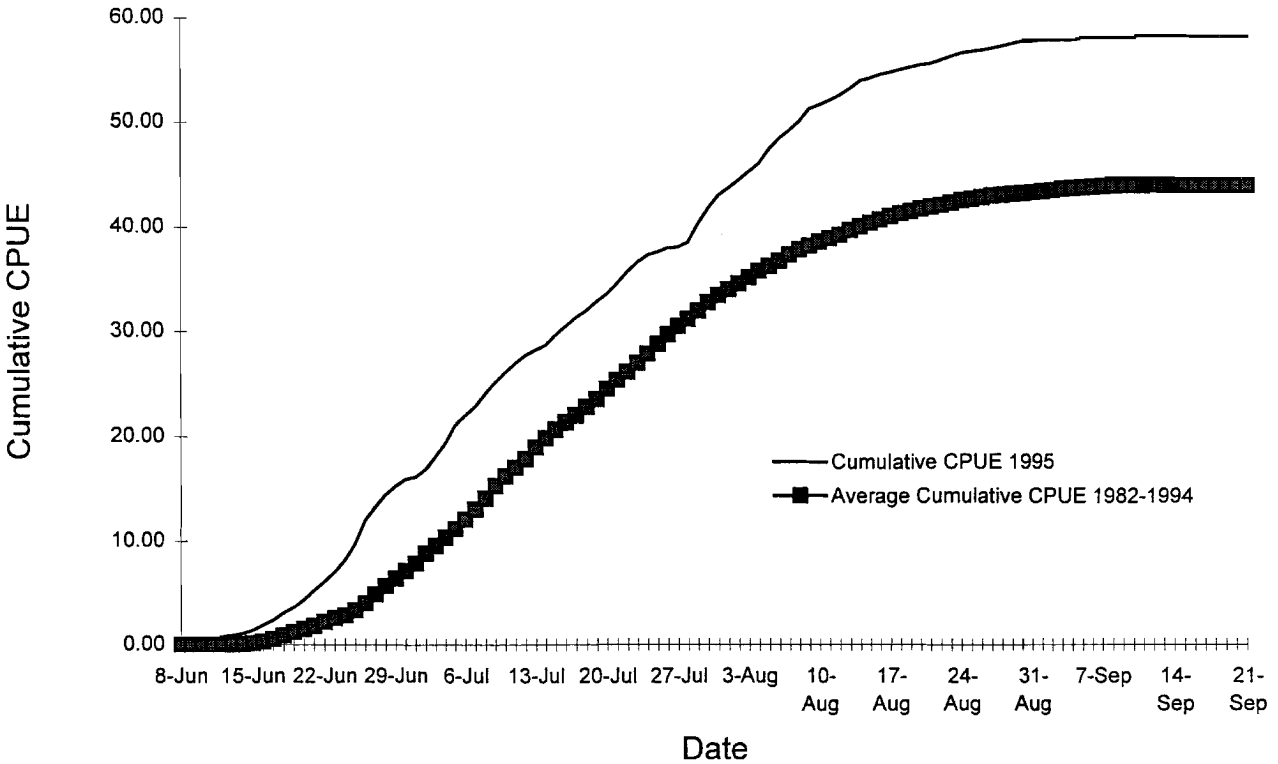


Figure 9. King salmon commercial and test fish cumulative proportion curves showing run-timing by date, Unalakleet Subdistrict, Norton Sound, 1995.

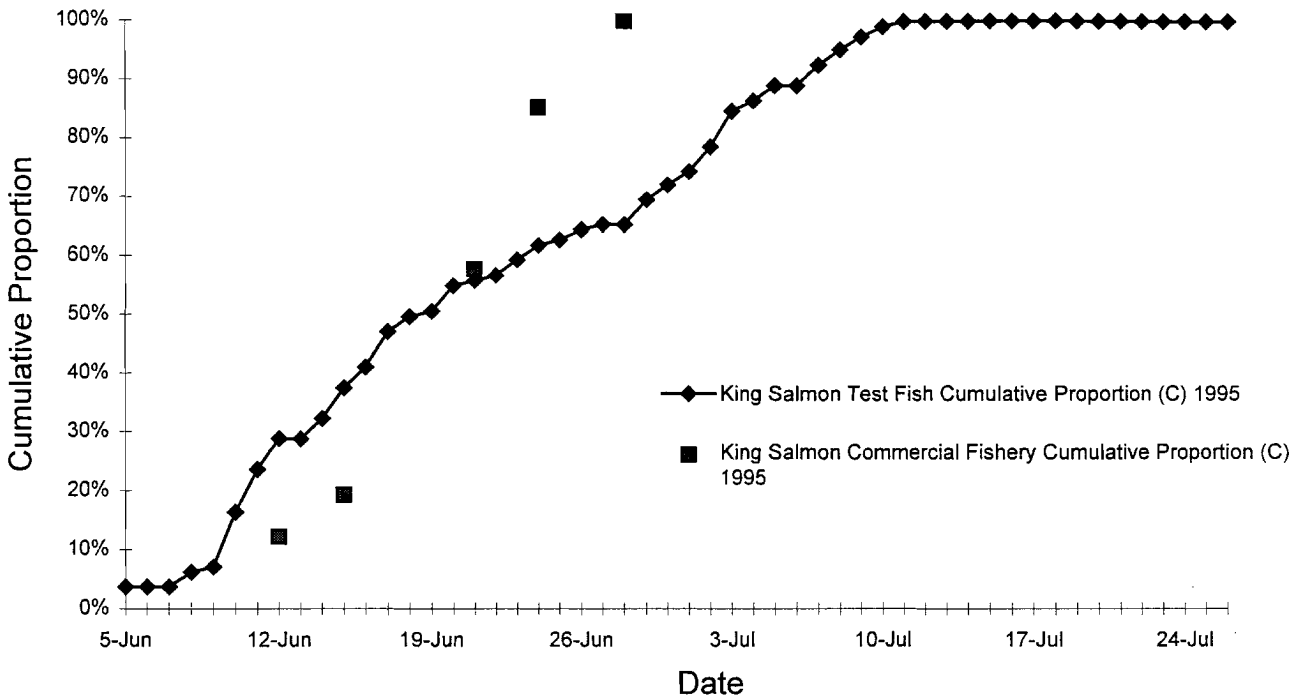


Figure 10. King salmon test fish cumulative proportion run-timing for 1995 compared with the previous 13 year average (1982-1994), Unalakleet River, Norton Sound.

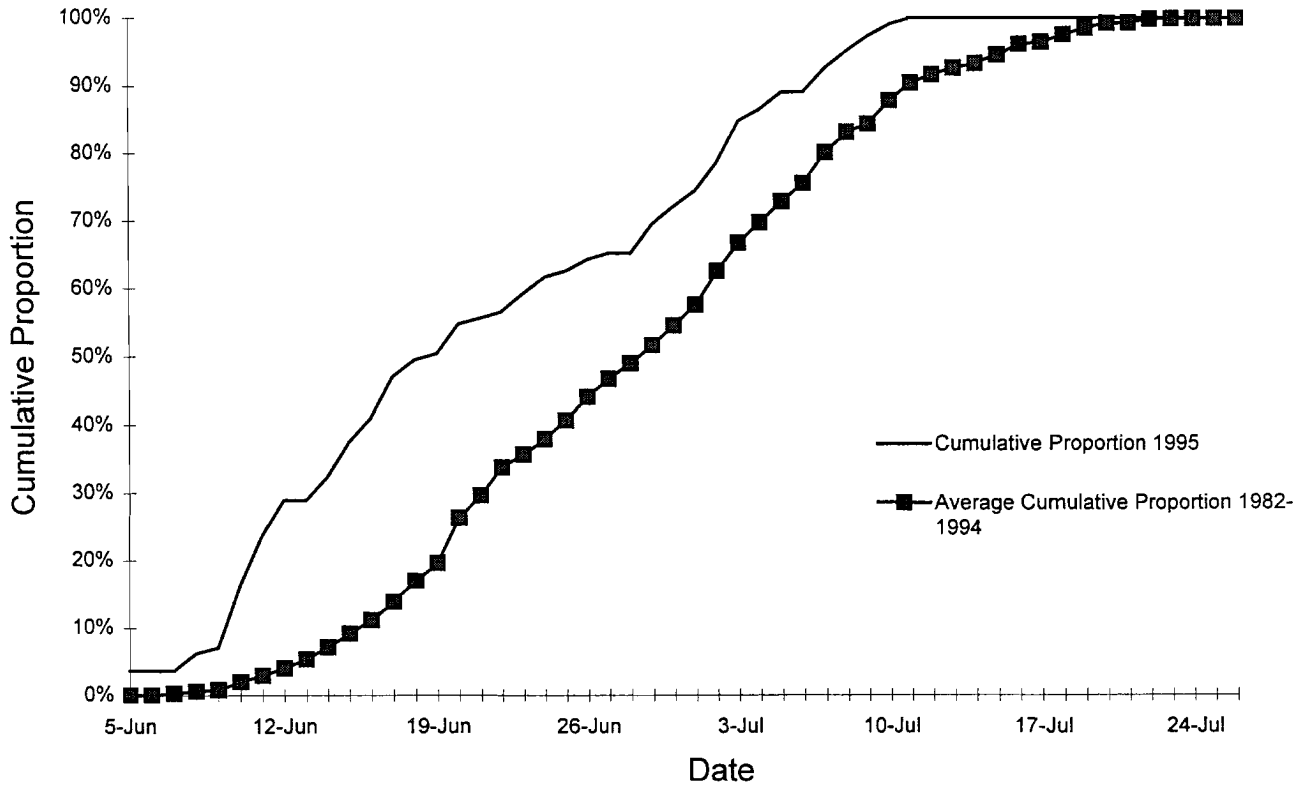


Figure 11. Coho salmon commercial and test fish cumulative proportion curves showing run-timing by date, Unalakleet Subdistrict, Norton Sound, 1995.

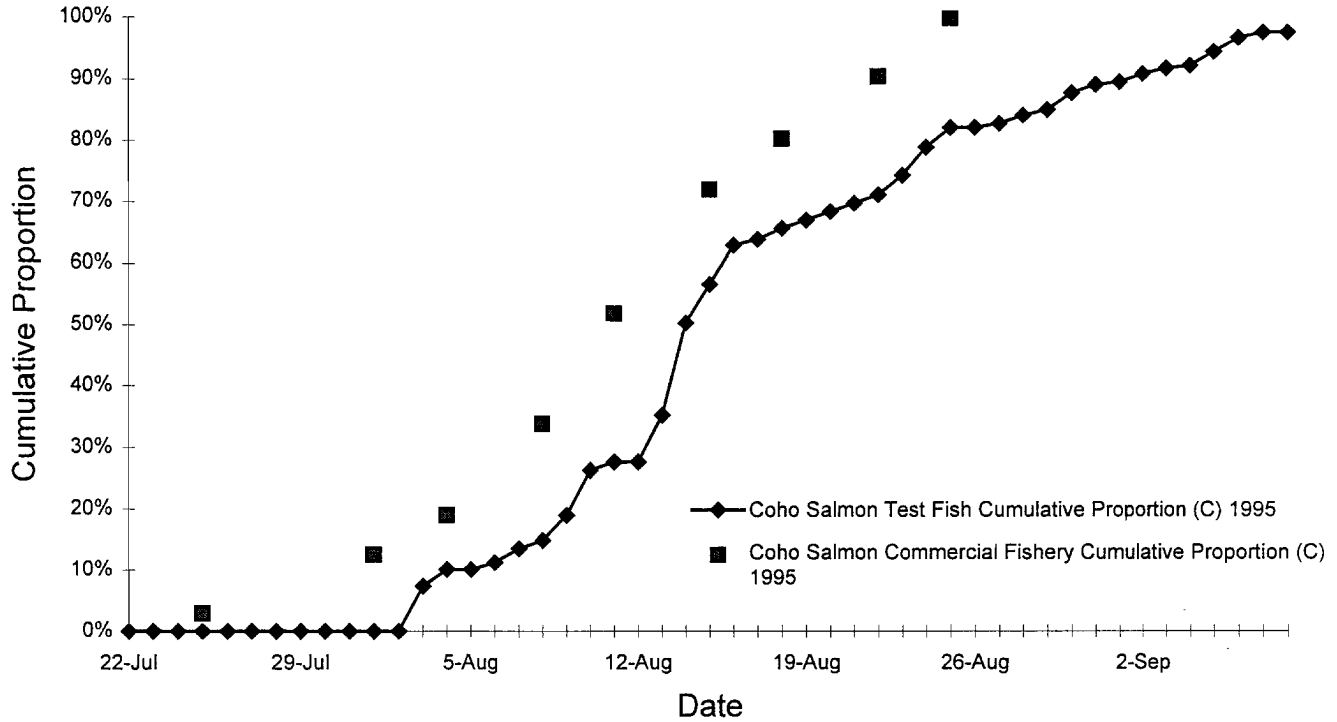


Figure 12. Coho salmon test fish cumulative proportion run-timing for 1995 compared with the 13 year average cumulative proportion (1982-1994), Unalakleet River, Norton Sound.

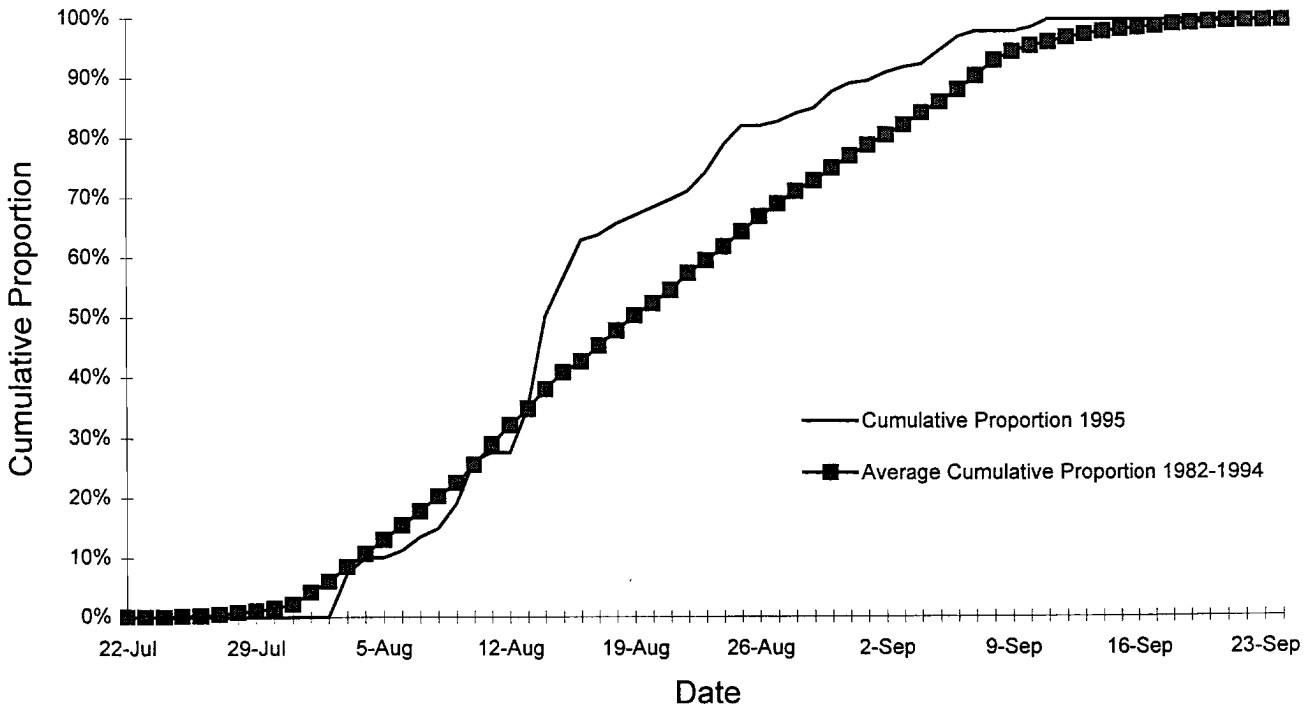


Figure 13. Chum salmon commercial and test fish cumulative proportion curves showing run-timing by date, Unalakleet Subdistrict, Norton Sound, 1995.

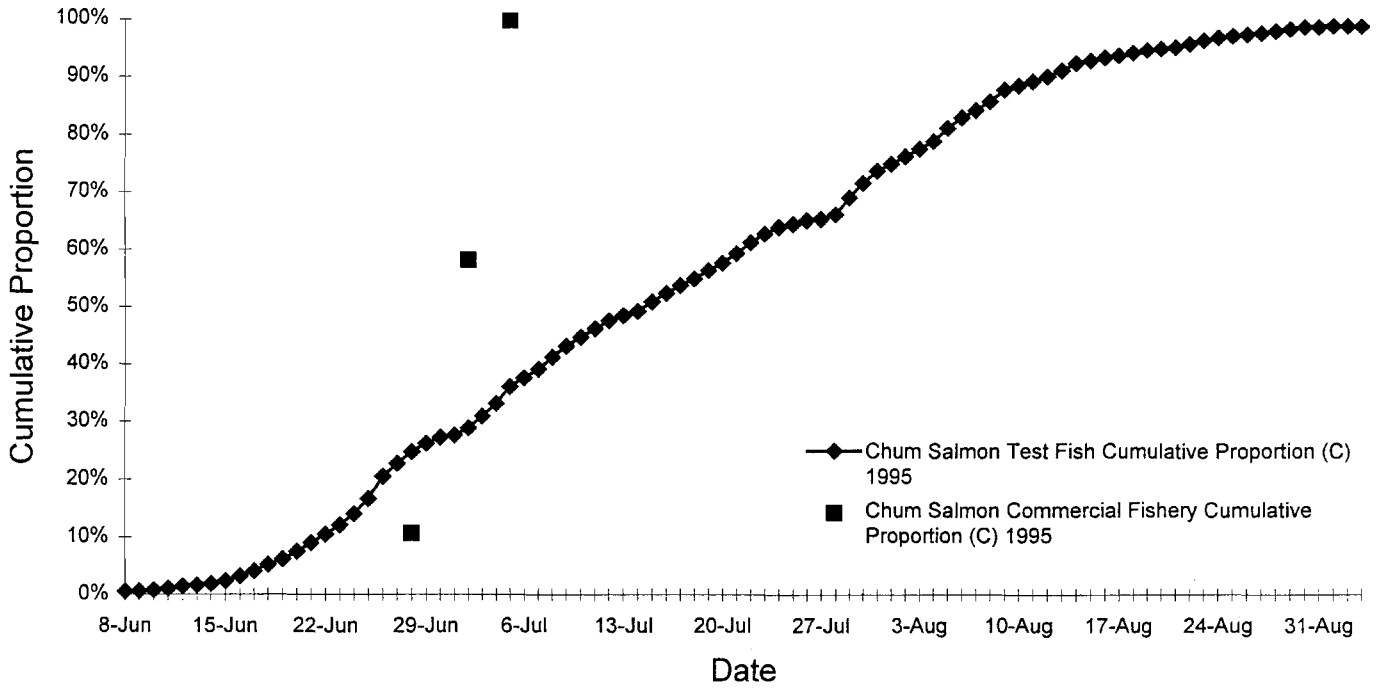


Figure 14. Chum salmon test fish cumulative proportion run-timing for 1995 compared with the 13 year average cumulative proportion (1982-1994), Unalakleet River, Norton Sound.

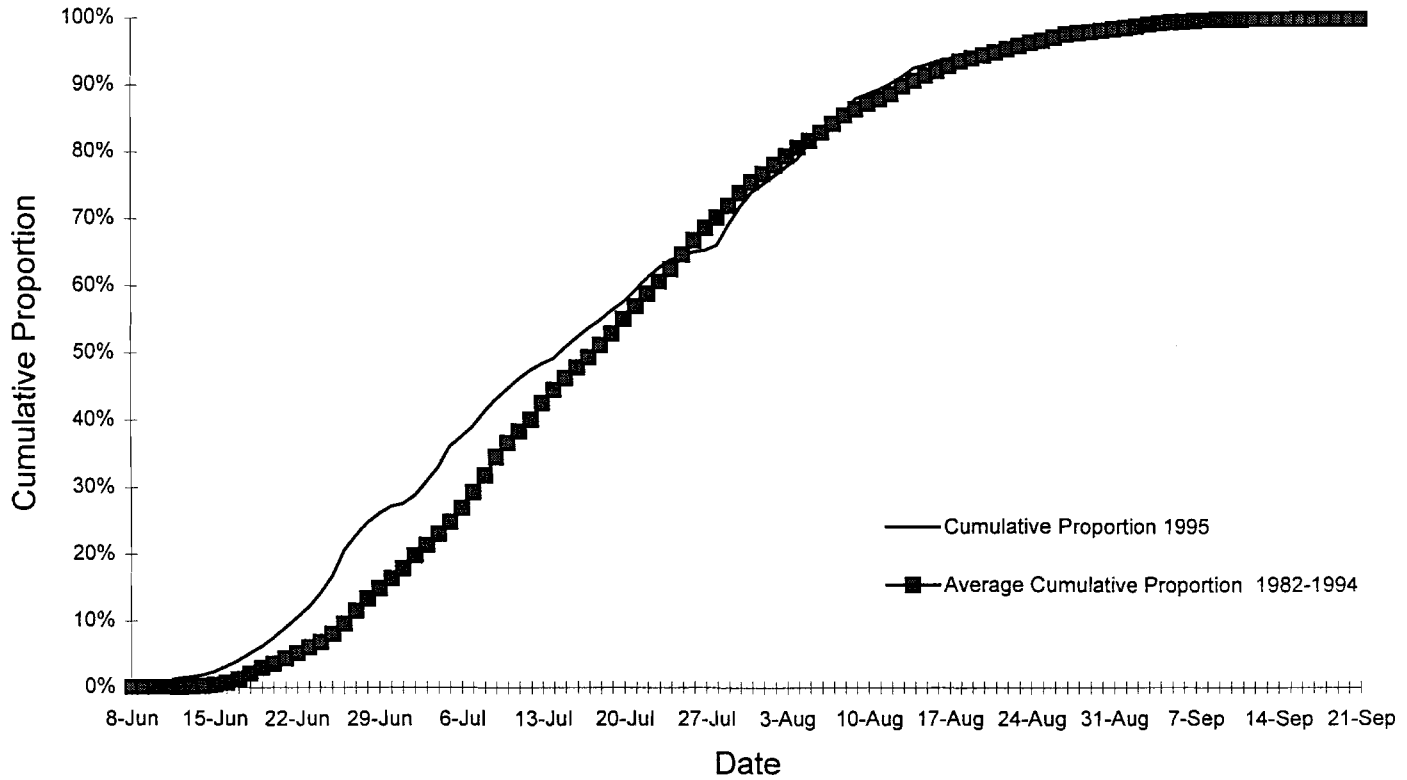


Figure 15. Pink salmon test fish cumulative proportion run-timing for 1995 compared with the odd year average cumulative proportion (1983-1993), Unalakleet River, Norton Sound.

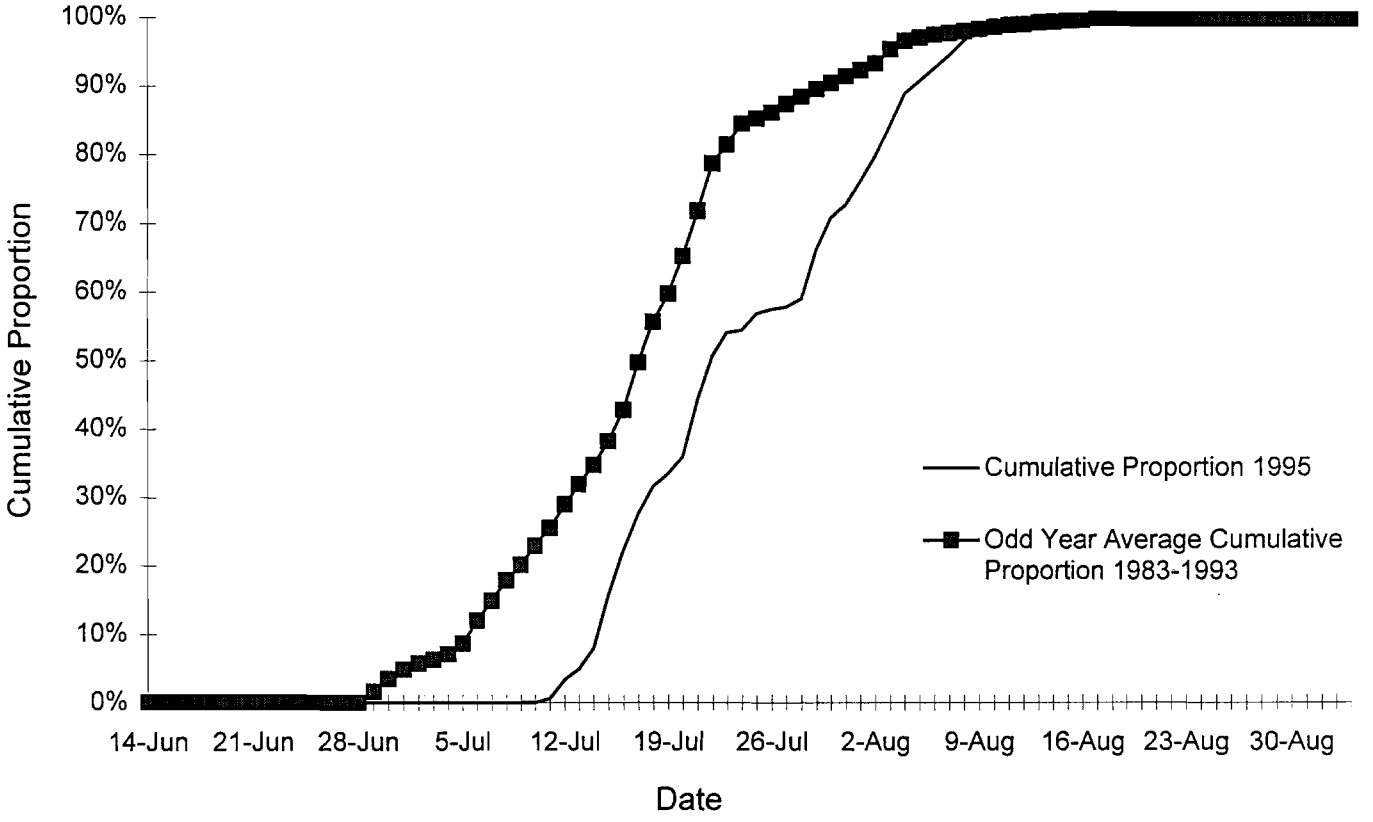
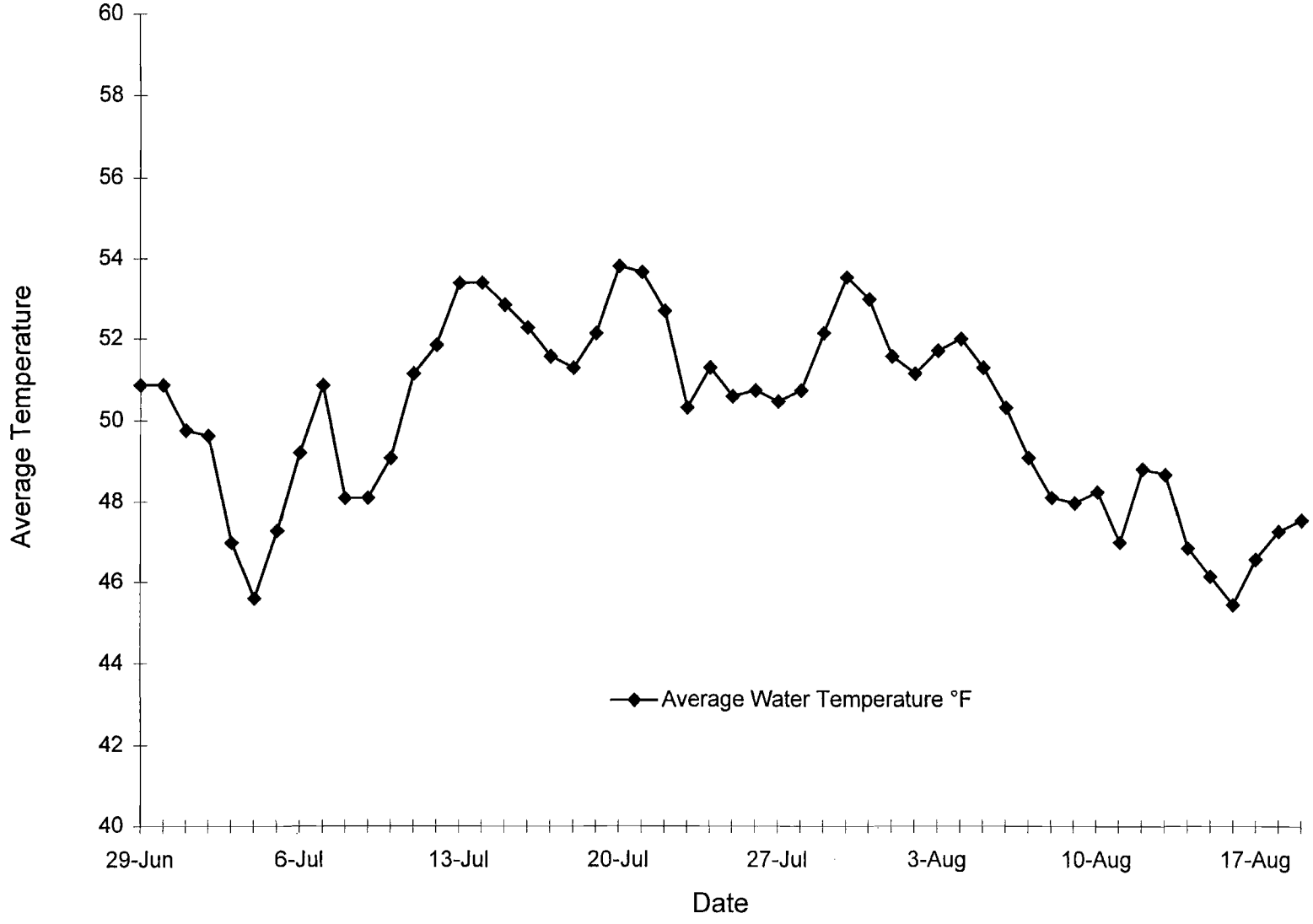


Figure 16. Average daily water temperatures, Unalakleet River, Norton Sound, 1995.



Appendix Table 1. Test fishing catches of king salmon in 5 7/8" mesh set gillnet,Unalakleet River, Norton Sound, 1982-1995.

1982 King Salmon[a]

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

Mean cumulative proportion date 6/22/82

1983 King Salmon[a]

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
		0.00	0.00	0%
		0.00	0.00	0%
12.6	1	0.08	0.08	3%
12.7	1	0.08	0.16	6%
No Fishing		0.04	0.20	8%
11.4	0	0.00	0.20	8%
No Fishing		0.09	0.29	11%
11.3	2	0.18	0.46	18%
No Fishing		0.17	0.64	25%
11.9	2	0.17	0.80	31%
11.6	1	0.09	0.89	33%
No Fishing		0.13	1.02	40%
11.6	2	0.17	1.19	47%
No Fishing		0.09	1.28	50%
11.8	0	0.00	1.28	50%
No Fishing		0.04	1.32	52%
11.8	1	0.08	1.40	55%
11.7	1	0.09	1.49	58%
No Fishing		0.04	1.53	60%
11.6	0	0.00	1.53	60%
No Fishing		0.08	1.62	63%
11.9	2	0.17	1.79	70%
No Fishing		0.13	1.91	75%
11.8	1	0.08	2.00	78%
11.5	2	0.17	2.17	85%
No Fishing		0.13	2.30	90%
11.9	1	0.08	2.38	93%
No Fishing		0.08	2.47	97%
11.9	1	0.08	2.55	100%
		0.00	2.55	100%
		0.00	2.55	100%
		0.00	2.55	100%
		0.00	2.55	100%
		0.00	2.55	100%
		0.00	2.55	100%
		0.00	2.55	100%
		0.00	2.55	100%
		0.00	2.55	100%
		0.00	2.55	100%
		0.00	2.55	100%
		0.00	2.55	100%
		0.00	2.55	100%
		0.00	2.55	100%
		0.00	2.55	100%
		0.00	2.55	100%
		0.00	2.55	100%
		0.00	2.55	100%
		0.00	2.55	100%
		0.00	2.55	100%
		0.00	2.55	100%
		0.00	2.55	100%
189.0	18			

Mean cumulative proportion date 6/18/83

1984 King 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%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
24.2	1	0.04	0.04	1%
No Fishing		0.10	0.14	4%
24.5	4	0.16	0.31	8%
No Fishing		0.20	0.51	14%
24.4	6	0.25	0.76	21%
No Fishing		0.27	1.03	28%
No Fishing		0.27	1.30	36%
23.8	7	0.29	1.59	44%
No Fishing		0.33	1.93	53%
24.0	9	0.38	2.30	63%
No Fishing		0.46	2.76	76%
24.1	13	0.54	3.30	91%
No Fishing		0.29	3.59	99%
24.1	1	0.04	3.63	100%
		0.00	3.63	100%
		0.00	3.63	100%
		0.00	3.63	100%
		0.00	3.63	100%
		0.00	3.63	100%
		0.00	3.63	100%
		0.00	3.63	100%
		0.00	3.63	100%
		0.00	3.63	100%
		0.00	3.63	100%
		0.00	3.63	100%
		0.00	3.63	100%
		0.00	3.63	100%
		0.00	3.63	100%
		0.00	3.63	100%
		0.00	3.63	100%
		0.00	3.63	100%
		0.00	3.63	100%
		0.00	3.63	100%
		0.00	3.63	100%
169.1	41			

Mean cumulative proportion date 7/4/84

1985 King 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%
		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%
23.0	1	0.04	0.04	0%
24.5	0	0.00	0.04	0%
23.7	0	0.00	0.04	0%
24.1	2	0.08	0.13	1%
23.7	18	0.76	0.89	9%
9.8	8	0.82	1.70	17%
7.0	10	1.43	3.13	32%
24.0	13	0.54	3.67	37%
23.0	14	0.61	4.28	43%
23.9	9	0.38	4.66	47%
9.2	2	0.22	4.88	49%
No Fishing		0.58	5.46	55%
23.2	22	0.95	6.41	65%
24.1	14	0.58	6.99	70%
23.9	13	0.54	7.53	76%
24.1	5	0.21	7.74	78%
24.4	5	0.20	7.94	80%
8.6	1	0.12	8.06	81%
No Fishing		0.20	8.26	83%
24.3	7	0.29	8.55	86%
23.9	8	0.33	8.88	90%
24.3	5	0.21	9.09	92%
33.8	3	0.09	9.18	92%
24.1	4	0.17	9.35	94%
No Fishing		0.14	9.49	96%
No Fishing		0.14	9.64	97%
24.2	3	0.12	9.76	98%
24.9	1	0.04	9.80	99%
23.1	2	0.09	9.89	100%
23.7	0	0.00	9.89	100%
24.6	1	0.04	9.93	100%
595.1	171			

Mean cumulative proportion date 7/7/85

1986 King 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%
23.9	1	0.04	0.04	2%
24.2	2	0.08	0.12	6%
24.1	3	0.12	0.25	11%
24.0	2	0.08	0.33	15%
23.9	2	0.08	0.42	19%
24.3	2	0.08	0.50	23%
23.9	2	0.08	0.58	27%
23.7	2	0.08	0.67	30%
24.0	4	0.17	0.83	38%
25.0	6	0.24	1.07	49%
24.0	1	0.04	1.11	51%
12.1	0	0.00	1.11	51%
No Fishing		0.00	1.11	51%
24.0	0	0.00	1.11	51%
24.1	0	0.00	1.11	51%
23.9	0	0.00	1.11	51%
24.1	0	0.00	1.11	51%
23.9	0	0.00	1.11	51%
12.2	1	0.08	1.20	55%
No Fishing		0.12	1.32	60%
24.4	4	0.16	1.48	68%
24.5	2	0.08	1.57	71%
23.8	2	0.08	1.65	75%
23.9	9	0.38	2.03	92%
24.2	3	0.12	2.15	98%
12.4	0	0.00	2.15	98%
No Fishing		0.00	2.15	98%
24.6	0	0.00	2.15	98%
23.0	1	0.04	2.19	100%
		0.00	2.19	100%
		0.00	2.19	100%
		0.00	2.19	100%
		0.00	2.19	100%
		0.00	2.19	100%
		0.00	2.19	100%
		0.00	2.19	100%
		0.00	2.19	100%
		0.00	2.19	100%
		0.00	2.19	100%
590.1	49			

Mean cumulative proportion date 6/27/86

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

- continued -

Appendix Table 1. (page 2 of 3)

1987 King Salmon[a]

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
5-Jun			0.00	0.00	0%
6-Jun			0.00	0.00	0%
7-Jun			0.00	0.00	0%
8-Jun			0.00	0.00	0%
9-Jun			0.00	0.00	0%
10-Jun			0.00	0.00	0%
11-Jun			0.00	0.00	0%
12-Jun			0.00	0.00	0%
13-Jun			0.00	0.00	0%
14-Jun			0.00	0.00	0%
15-Jun			0.00	0.00	0%
16-Jun			0.00	0.00	0%
17-Jun			0.00	0.00	0%
18-Jun			0.00	0.00	0%
19-Jun			0.00	0.00	0%
20-Jun	11.8	1	0.08	0.08	4%
21-Jun	No Fishing		0.04	0.13	6%
22-Jun	23.6	0	0.00	0.13	6%
23-Jun	23.9	0	0.00	0.13	6%
24-Jun	24.0	0	0.00	0.13	6%
25-Jun	24.1	2	0.08	0.21	9%
26-Jun	24.2	0	0.00	0.21	9%
27-Jun	No Fishing		0.06	0.27	12%
28-Jun	48.0	6	0.13	0.40	18%
29-Jun	23.9	0	0.00	0.40	18%
30-Jun	24.1	0	0.00	0.40	18%
1-Jul	23.7	0	0.00	0.40	18%
2-Jul	24.0	4	0.17	0.56	25%
3-Jul	24.0	2	0.08	0.65	29%
4-Jul	No Fishing		0.07	0.72	32%
5-Jul	47.6	3	0.06	0.78	35%
6-Jul	24.5	0	0.00	0.78	35%
7-Jul	24.0	4	0.17	0.95	43%
8-Jul	24.1	2	0.08	1.03	46%
9-Jul	24.0	1	0.04	1.08	48%
10-Jul	24.3	6	0.25	1.32	59%
11-Jul	11.2	4	0.36	1.68	75%
12-Jul	No Fishing		0.20	1.88	84%
13-Jul	23.3	1	0.04	1.92	86%
14-Jul	23.9	3	0.13	2.05	92%
15-Jul	No Fishing		0.07	2.12	95%
16-Jul	48.4	1	0.02	2.14	96%
17-Jul	23.8	1	0.04	2.18	98%
18-Jul	10.9	0	0.00	2.18	98%
19-Jul	No Fishing		0.00	2.18	98%
20-Jul	24.2	0	0.00	2.18	98%
21-Jul	23.8	0	0.00	2.18	98%
22-Jul	24.0	1	0.04	2.23	100%
23-Jul			0.00	2.23	100%
24-Jul			0.00	2.23	100%
25-Jul			0.00	2.23	100%
26-Jul			0.00	2.23	100%
Totals	681.3	42			
Mean cumulative proportion date					7/10/87

1988 King 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%
24.3	1	0.04	0.04	6%
23.9	2	0.08	0.12	19%
24.0	3	0.13	0.25	37%
24.2	0	0.00	0.25	37%
23.7	1	0.04	0.29	43%
9.0	0	0.00	0.29	43%
No Fishing		0.02	0.31	46%
24.1	1	0.04	0.35	53%
No Fishing		0.03	0.38	57%
53.0	1	0.02	0.40	60%
19.1	0	0.00	0.40	60%
24.2	0	0.00	0.40	60%
10.3	1	0.10	0.50	74%
No Fishing		0.05	0.55	81%
24.2	0	0.00	0.55	81%
24.0	2	0.08	0.63	94%
24.0	0	0.00	0.63	94%
24.1	0	0.00	0.63	94%
23.9	1	0.04	0.67	100%
11.6	0	0.00	0.67	100%
No Fishing		0.00	0.67	100%
24.4	0	0.00	0.67	100%
23.9	0	0.00	0.67	100%
23.9	0	0.00	0.67	100%
23.9	0	0.00	0.67	100%
24.1	0	0.00	0.67	100%
10.8	0	0.00	0.67	100%
No Fishing		0.00	0.67	100%
24.1	0	0.00	0.67	100%
24.0	0	0.00	0.67	100%
24.0	0	0.00	0.67	100%
24.2	0	0.00	0.67	100%
24.0	0	0.00	0.67	100%
25.4	0	0.00	0.67	100%
		0.00	0.67	100%
		0.00	0.67	100%
		0.00	0.67	100%
		0.00	0.67	100%
668.3	13			
Mean cumulative proportion date				6/27/88

1989 King 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%
23.5	3	0.13	0.13	6%
24.0	5	0.21	0.34	17%
24.0	4	0.17	0.50	25%
23.9	0	0.00	0.50	25%
24.0	4	0.17	0.67	33%
24.0	7	0.29	0.96	47%
24.8	3	0.12	1.08	53%
22.3	1	0.04	1.13	55%
23.8	1	0.04	1.17	57%
24.0	1	0.04	1.21	60%
24.0	2	0.08	1.29	64%
11.0	0	0.00	1.29	64%
No Fishing		0.06	1.36	67%
23.8	3	0.13	1.48	73%
24.0	0	0.00	1.48	73%
24.0	0	0.00	1.48	73%
24.0	0	0.00	1.48	73%
No Fishing		0.03	1.51	74%
34.8	2	0.06	1.57	77%
No Fishing		0.07	1.64	81%
24.1	2	0.08	1.72	85%
24.0	2	0.08	1.81	89%
23.9	1	0.04	1.85	91%
24.1	3	0.12	1.97	97%
24.0	0	0.00	1.97	97%
10.0	0	0.00	1.97	97%
No Fishing		0.02	1.99	98%
24.1	1	0.04	2.03	100%
		0.00	2.03	100%
		0.00	2.03	100%
		0.00	2.03	100%
		0.00	2.03	100%
		0.00	2.03	100%
		0.00	2.03	100%
		0.00	2.03	100%
		0.00	2.03	100%
		0.00	2.03	100%
		0.00	2.03	100%
		0.00	2.03	100%
		0.00	2.03	100%
		0.00	2.03	100%
		0.00	2.03	100%
		0.00	2.03	100%
		0.00	2.03	100%
		0.00	2.03	100%
		0.00	2.03	100%
558.1	45			
Mean cumulative proportion date				6/19/89

1990 King 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	2	0.08	0.08	5%
10.1	0	0.00	0.08	5%
No Fishing		0.04	0.13	7%
23.7	2	0.08	0.21	12%
23.8	6	0.25	0.46	25%
24.2	26	1.07	1.54	85%
23.8	1	0.04	1.58	87%
24.2	1	0.04	1.62	89%
10.0	0	0.00	1.62	89%
No Fishing		0.02	1.64	90%
30.0	1	0.03	1.67	92%
21.8	1	0.05	1.72	94%
23.8	0	0.00	1.72	94%
23.5	0	0.00	1.72	94%
24.2	0	0.00	1.72	94%
9.3	0	0.00	1.72	94%
No Fishing		0.00	1.72	94%
21.9	0	0.00	1.72	94%
24.3	0	0.00	1.72	94%
24.0	0	0.00	1.72	94%
23.8	0	0.00	1.72	94%
23.8	0	0.00	1.72	94%
9.9	1	0.10	1.82	100%
		0.00	1.82	100%
		0.00	1.82	100%
		0.00	1.82	100%
		0.00	1.82	100%
		0.00	1.82	100%
		0.00	1.82	100%
		0.00	1.82	100%
		0.00	1.82	100%
		0.00	1.82	100%
		0.00	1.82	100%
		0.00	1.82	100%
		0.00	1.82	100%
		0.00	1.82	100%
		0.00	1.82	100%
		0.00	1.82	100%
		0.00	1.82	100%
		0.00	1.82	100%
		0.00	1.82	100%
425.2	41			
Mean cumulative proportion date				6/20/90

1991 King 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%
22.0	4	0.18	0.18	11%
23.6	2	0.08	0.27	16%
24.0	1	0.04	0.31	18%
24.0	0	0.00	0.31	18%
24.0	1	0.04	0.35	21%
23.9	3	0.13	0.48	28%
24.0	0	0.00	0.48	28%
24.2	2	0.08	0.56	33%
23.5	2	0.09	0.64	38%
23.8	0	0.00	0.64	38%
24.0	0	0.00	0.64	38%
24.1	1	0.04	0.68	40%
24.0	1	0.04	0.73	43%
23.9	4	0.17	0.89	52%
24.0	3	0.13	1.02	60%
24.0	1	0.04	1.06	62%
24.1	0	0.00	1.06	62%
24.0	1	0.04	1.10	65%
9.1	2	0.22	1.32	77%
No Fishing		0.17	1.50	88%
23.6	3	0.13	1.62	95%
24.0	1	0.04	1.66	98%
24.0	0	0.00	1.66	98%
24.0	0	0.00	1.66	98%
24.0	0	0.00	1.66	98%
8.7	0	0.00	1.66	98%
No Fishing		0.00	1.66	98%
24.0	0	0.00	1.66	98%
24.0	0	0.00	1.66	98%
24.0	1	0.04	1.71	100%
		0.00	1.71	100%
		0.00	1.71	100%
		0.00	1.71	100%
		0.00	1.71	100%
		0.00	1.71	100%
		0.00	1.71	100%
		0.00	1.71	100%
		0.00	1.71	100%
		0.00	1.71	100%
		0.00	1.71	100%
		0.00	1.71	100%
		0.00	1.71	100%
		0.00	1.71	100%
		0.00	1.71	100%
		0.00	1.71	100%
		0.00	1.71	100%
662.6	33			
Mean cumulative proportion date				6/24/91

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

- continued -

Appendix Table 1. (Page 3 of 3)

1992 King Salmon*

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
5-Jun			0.00	0.00	0%
6-Jun			0.00	0.00	0%
7-Jun			0.00	0.00	0%
8-Jun			0.00	0.00	0%
9-Jun			0.00	0.00	0%
10-Jun			0.00	0.00	0%
11-Jun			0.00	0.00	0%
12-Jun			0.00	0.00	0%
13-Jun			0.00	0.00	0%
14-Jun			0.00	0.00	0%
15-Jun			0.00	0.00	0%
16-Jun			0.00	0.00	0%
17-Jun			0.00	0.00	0%
18-Jun			0.00	0.00	0%
19-Jun			0.00	0.00	0%
20-Jun			0.00	0.00	0%
21-Jun			0.00	0.00	0%
22-Jun			0.00	0.00	0%
23-Jun			0.00	0.00	0%
24-Jun			0.00	0.00	0%
25-Jun			0.00	0.00	0%
26-Jun			0.00	0.00	0%
27-Jun	24.0	2	0.08	0.08	7%
28-Jun	24.2	1	0.04	0.12	11%
29-Jun	23.8	0	0.00	0.12	11%
30-Jun	24.0	0	0.00	0.12	11%
1-Jul	24.0	1	0.04	0.17	14%
2-Jul	24.0	0	0.00	0.17	14%
3-Jul	24.7	1	0.04	0.21	18%
4-Jul	23.3	0	0.00	0.21	18%
5-Jul	24.2	0	0.00	0.21	18%
6-Jul	24.1	0	0.00	0.21	18%
7-Jul	23.8	2	0.08	0.29	25%
8-Jul	24.0	1	0.04	0.33	28%
9-Jul	24.0	0	0.00	0.33	28%
10-Jul	25.0	1	0.04	0.37	32%
11-Jul	24.0	2	0.08	0.46	39%
12-Jul	23.0	1	0.04	0.50	42%
13-Jul	24.0	1	0.04	0.54	46%
14-Jul	24.0	0	0.00	0.54	46%
15-Jul	24.0	2	0.08	0.62	53%
16-Jul	24.0	4	0.17	0.79	67%
17-Jul	24.0	0	0.00	0.79	67%
18-Jul	6.8	1	0.15	0.94	80%
19-Jul	No Fishing		0.11	1.05	89%
20-Jul	24.3	2	0.08	1.14	96%
21-Jul	22.7	0	0.00	1.14	96%
22-Jul	24.0	1	0.04	1.18	100%
23-Jul	24.0	0	0.00	1.18	100%
24-Jul	24.0	0	0.00	1.18	100%
25-Jul	6.0	0	0.00	1.18	100%
26-Jul			0.00	1.18	100%
Totals	635.9	23			

Mean cumulative proportion date 7/15/92

1993 King Salmon*

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

Mean cumulative proportion date 6/28/93

1994 King Salmon*

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
18.5	4	0.22	0.22	14%
24.0	2	0.08	0.30	20%
24.0	2	0.08	0.38	25%
24.0	2	0.08	0.47	30%
24.0	1	0.04	0.51	33%
24.0	3	0.13	0.63	41%
24.0	7	0.29	0.92	60%
24.0	3	0.13	1.05	68%
24.0	0	0.00	1.05	68%
24.0	2	0.08	1.13	74%
24.0	2	0.08	1.22	79%
24.0	0	0.00	1.22	79%
24.0	0	0.00	1.22	79%
24.0	0	0.00	1.22	79%
24.0	0	0.00	1.22	79%
24.0	0	0.00	1.22	79%
24.0	2	0.08	1.30	85%
24.0	0	0.00	1.30	85%
24.0	2	0.08	1.38	90%
24.0	1	0.04	1.42	93%
24.0	1	0.04	1.47	96%
15.0	0	0.00	1.47	96%
15.0	0	0.00	1.47	96%
9.0	0	0.00	1.47	96%
No Fishing		0.00	1.47	96%
23.5	0	0.00	1.47	96%
15.0	0	0.00	1.47	96%
15.0	1	0.07	1.53	100%
15.0	0	0.00	1.53	100%
15.0	0	0.00	1.53	100%
8.0	0	0.00	1.53	100%
No Fishing		0.00	1.53	100%
15.0	0	0.00	1.53	100%
15.0	0	0.00	1.53	100%
15.0	0	0.00	1.53	100%
15.0	0	0.00	1.53	100%
15.0	0	0.00	1.53	100%
8.0	0	0.00	1.53	100%
No Fishing		0.00	1.53	100%
15.0	0	0.00	1.53	100%
15.0	0	0.00	1.53	100%
742.0	35			

Mean cumulative proportion date 6/22/94

1995 King Salmon*

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion	Average Cumulative CPUE 1982-1994	Average Cumulative Proportion 1982-1994
17.0	3	0.18	0.18	4%	0.00	0%
24.0	0	0.00	0.18	4%	0.00	0%
23.0	0	0.00	0.18	4%	0.01	0%
25.0	3	0.12	0.30	6%	0.02	1%
24.0	1	0.04	0.34	7%	0.03	1%
9.0	4	0.44	0.78	16%	0.04	2%
No Fishing		0.35	1.13	24%	0.07	3%
24.0	6	0.25	1.38	29%	0.10	4%
24.0	0	0.00	1.38	29%	0.13	5%
24.0	4	0.17	1.55	32%	0.16	7%
24.0	6	0.25	1.80	38%	0.18	9%
24.0	4	0.17	1.96	41%	0.24	11%
24.0	7	0.29	2.25	47%	0.28	14%
25.0	3	0.12	2.37	50%	0.32	17%
23.0	1	0.04	2.42	50%	0.37	20%
24.0	5	0.21	2.63	55%	0.51	26%
24.0	1	0.04	2.67	56%	0.57	30%
24.0	1	0.04	2.71	57%	0.64	34%
24.0	3	0.13	2.83	59%	0.67	36%
25.0	3	0.12	2.95	62%	0.72	38%
23.0	1	0.04	3.00	63%	0.77	41%
24.0	2	0.08	3.08	64%	0.84	44%
24.0	1	0.04	3.12	65%	0.91	47%
24.0	0	0.00	3.12	65%	0.97	49%
24.0	5	0.21	3.33	70%	1.04	52%
24.0	3	0.13	3.46	72%	1.17	55%
9.0	1	0.11	3.57	74%	1.31	58%
No Fishing		0.20	3.77	79%	1.53	63%
24.0	7	0.29	4.06	85%	1.71	67%
24.0	2	0.08	4.14	87%	1.85	70%
24.0	3	0.13	4.27	89%	1.95	73%
24.0	0	0.00	4.27	89%	2.05	76%
24.0	4	0.17	4.44	93%	2.24	80%
8.0	1	0.13	4.56	95%	2.40	83%
No Fishing		0.10	4.67	97%	2.48	84%
24.0	2	0.08	4.75	99%	2.60	88%
24.0	1	0.04	4.79	100%	2.67	90%
24.0	0	0.00	4.79	100%	2.72	92%
24.0	0	0.00	4.79	100%	2.75	93%
24.0	0	0.00	4.79	100%	2.78	93%
8.5	0	0.00	4.79	100%	2.83	95%
		0.00	4.79	100%	2.88	96%
		0.00	4.79	100%	2.91	96%
		0.00	4.79	100%	2.93	98%
		0.00	4.79	100%	2.96	98%
		0.00	4.79	100%	2.98	99%
		0.00	4.79	100%	3.00	99%
		0.00	4.79	100%	3.02	100%
		0.00	4.79	100%	3.02	100%
		0.00	4.79	100%	3.03	100%
		0.00	4.79	100%	3.03	100%
		0.00	4.79	100%	3.03	100%
802.5	85					

Mean cumulative proportion date 6/18/95

*counts begin the day the first king salmon was caught

Appendix Table 2. Test fishing catches of coho salmon in 5 7/8" mesh set gillnet, Unalakleet River, Norton Sound, 1981-1995.

	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)	Cumulative CPUE	Cumulative Proportion	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
22-Jul			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 -

Appendix Table 2. (Page 2 of 4).

	1985 Coho Salmon[a]					1986 Coho Salmon[a]					1987 Coho Salmon[a]					1988 Coho 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
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%	24.2	2	0.08	0.08	1%			0.00	0.00	0%			0.00	0.00	0%
29-Jul			0.00	0.00	0%	24.2	1	0.04	0.12	1%			0.00	0.00	0%			0.00	0.00	0%
30-Jul			0.00	0.00	0%	23.9	2	0.08	0.21	2%			0.00	0.00	0%			0.00	0.00	0%
31-Jul			0.00	0.00	0%	24.5	7	0.29	0.49	5%			0.00	0.00	0%			0.00	0.00	0%
1-Aug			0.00	0.00	0%	No Fishing		0.62	1.11	12%			0.00	0.00	0%			0.00	0.00	0%
2-Aug			0.00	0.00	0%	No Fishing		0.62	1.73	19%			0.00	0.00	0%	24.0	5	0.21	0.21	2%
3-Aug	10.7	2	0.19	0.19	2%	No Fishing		0.62	2.35	26%			0.00	0.00	0%	24.1	5	0.21	0.42	4%
4-Aug	No Fishing		0.16	0.34	3%	No Fishing		0.62	2.97	33%			0.00	0.00	0%	23.9	8	0.33	0.75	8%
5-Aug	23.8	3	0.13	0.47	4%	24.2	23	0.95	3.92	43%			0.00	0.00	0%	24.2	1	0.04	0.79	9%
6-Aug	24.3	2	0.08	0.55	5%	24.2	15	0.62	4.54	50%	24.3	8	0.33	0.33	5%	10.2	2	0.20	0.99	11%
7-Aug	24.0	4	0.17	0.72	6%	23.7	8	0.34	4.87	54%	24.1	0	0.00	0.33	5%	No Fishing		0.56	1.55	17%
8-Aug	24.0	3	0.13	0.84	7%	24.4	1	0.04	4.91	55%	10.4	0	0.00	0.33	5%	23.9	22	0.92	2.47	27%
9-Aug	24.0	2	0.08	0.93	8%	11.9	3	0.25	5.17	57%	No Fishing		0.14	0.47	7%	24.1	16	0.66	3.13	34%
10-Aug	11.0	0	0.00	0.93	8%	No Fishing		0.21	5.38	60%	24.2	7	0.29	0.76	12%	No Fishing		0.50	3.63	39%
11-Aug	No Fishing		0.04	0.97	8%	24.0	4	0.17	5.54	61%	23.8	1	0.04	0.81	12%	47.9	16	0.33	3.96	43%
12-Aug	24.2	2	0.08	1.05	9%	24.2	2	0.08	5.63	62%	23.9	1	0.04	0.85	13%	23.9	7	0.29	4.26	46%
13-Aug	24.0	1	0.04	1.09	9%	24.0	5	0.21	5.83	65%	24.3	2	0.08	0.93	14%	9.1	3	0.33	4.59	50%
14-Aug	29.2	10	0.34	1.43	12%	24.1	2	0.08	5.92	66%	23.9	5	0.21	1.14	17%	No Fishing		0.29	4.88	53%
15-Aug	19.5	4	0.21	1.64	14%	24.1	0	0.00	5.92	66%	23.8	4	0.17	1.31	20%	16.1	4	0.25	5.12	55%
16-Aug	23.5	6	0.26	1.90	16%	12.0	0	0.00	5.92	66%	24.8	2	0.08	1.39	21%	12.9	0	0.00	5.12	55%
17-Aug	11.6	6	0.52	2.41	21%	No Fishing		0.10	6.02	67%	24.2	2	0.08	1.47	22%	12.9	4	0.31	5.43	59%
18-Aug	No Fishing		0.80	3.21	28%	23.9	5	0.21	6.23	69%	23.8	1	0.04	1.51	23%	12.9	2	0.16	5.59	60%
19-Aug	24.1	26	1.08	4.29	37%	24.1	0	0.00	6.23	69%	24.0	6	0.25	1.76	27%	No Fishing		0.09	5.68	61%
20-Aug	23.8	5	0.21	4.50	39%	24.0	1	0.04	6.27	70%	24.2	7	0.29	2.05	31%	33.9	1	0.03	5.71	62%
21-Aug	24.8	14	0.56	5.06	44%	24.0	4	0.17	6.44	71%	24.0	7	0.29	2.34	36%	No Fishing		0.01	5.73	62%
22-Aug	23.8	6	0.25	5.32	46%	23.9	1	0.04	6.48	72%	24.0	5	0.21	2.55	39%	24.0	0	0.00	5.73	62%
23-Aug	23.7	8	0.34	5.65	49%	11.8	1	0.08	6.57	73%	23.9	2	0.08	2.63	40%	24.0	5	0.21	5.93	64%
24-Aug	9.1	2	0.22	5.87	51%	No Fishing		0.06	6.63	74%	23.9	2	0.08	2.72	41%	24.5	11	0.45	6.38	69%
25-Aug	No Fishing		0.37	6.24	54%	23.9	1	0.04	6.67	74%	24.2	3	0.12	2.84	43%	23.7	5	0.21	6.59	71%
26-Aug	23.0	12	0.52	6.77	59%	24.0	3	0.13	6.80	75%	24.1	4	0.17	3.01	46%	23.7	4	0.17	6.76	73%
27-Aug	24.2	4	0.17	6.93	60%	24.0	2	0.08	6.88	76%	24.0	2	0.08	3.09	47%	9.8	3	0.31	7.07	76%
28-Aug	24.2	8	0.33	7.26	63%	No Fishing		0.11	6.99	78%	23.9	1	0.04	3.13	48%	No Fishing		0.22	7.28	79%
29-Aug	23.7	5	0.21	7.47	65%	48.0	7	0.15	7.14	79%	10.8	0	0.00	3.13	48%	24.0	3	0.13	7.41	80%
30-Aug	24.2	2	0.08	7.56	65%	11.8	0	0.00	7.14	79%	No Fishing		0.31	3.44	52%	24.0	2	0.08	7.49	81%
31-Aug	23.5	0	0.00	7.56	65%	No Fishing		0.08	7.22	80%	13.1	8	0.61	4.05	62%	24.1	3	0.12	7.62	82%
1-Sep	No Fishing		0.06	7.62	66%	No Fishing		0.08	7.31	81%	24.2	7	0.29	4.34	66%	24.1	5	0.21	7.82	85%
2-Sep	No Fishing		0.06	7.68	66%	24.0	4	0.17	7.47	83%	23.9	3	0.13	4.46	68%	23.9	5	0.21	8.03	87%
3-Sep	24.4	3	0.12	7.80	68%	24.1	9	0.37	7.85	87%	23.9	3	0.13	4.59	70%	10.2	0	0.00	8.03	87%
4-Sep	23.6	2	0.08	7.89	68%	23.9	6	0.25	8.10	90%	24.1	6	0.25	4.84	73%	No Fishing		0.06	8.10	87%
5-Sep	24.0	3	0.13	8.01	69%	23.9	4	0.17	8.26	92%	24.8	4	0.16	5.00	76%	23.9	3	0.13	8.22	89%
6-Sep	24.1	6	0.25	8.26	71%	24.1	1	0.04	8.31	92%	23.5	10	0.43	5.43	82%	23.0	1	0.04	8.27	89%
7-Sep	11.8	5	0.42	8.68	75%	No Fishing		0.15	8.45	94%	No Fishing		0.53	5.95	90%	25.0	1	0.04	8.31	90%
8-Sep	No Fishing		0.38	9.07	78%	No Fishing		0.15	8.60	95%	23.8	15	0.63	6.58	100%	24.2	9	0.37	8.68	94%
9-Sep	5.8	2	0.34	9.41	81%	24.0	6	0.25	8.85	98%			0.00	6.58	100%	24.2	5	0.21	8.88	96%
10-Sep	No Fishing		0.31	9.72	84%	23.9	4	0.17	9.01	100%			0.00	6.58	100%	24.0	1	0.04	8.93	96%
11-Sep	No Fishing		0.31	10.02	87%			0.00	9.01	100%			0.00	6.58	100%	No Fishing		0.13	9.05	98%
12-Sep	No Fishing		0.31	10.33	89%			0.00	9.01	100%			0.00	6.58	100%	48.0	10	0.21	9.26	100%
13-Sep	26.2	7	0.27	10.60	92%			0.00	9.01	100%			0.00	6.58	100%			0.00	9.26	100%
14-Sep	No Fishing		0.13	10.73	93%			0.00	9.01	100%			0.00	6.58	100%			0.00	9.26	100%
15-Sep	No Fishing		0.13	10.87	94%			0.00	9.01	100%			0.00	6.58	100%			0.00	9.26	100%
16-Sep	No Fishing		0.13	11.00	95%			0.00	9.01	100%			0.00	6.58	100%			0.00	9.26	100%
17-Sep	No Fishing		0.13	11.13	96%			0.00	9.01	100%			0.00	6.58	100%			0.00	9.26	100%
18-Sep	No Fishing		0.13	11.27	97%			0.00	9.01	100%			0.00	6.58	100%			0.00	9.26	100%
19-Sep	24.0	0	0.00	11.27	97%			0.00	9.01	100%			0.00	6.58	100%			0.00	9.26	100%
20-Sep	24.2	4	0.17	11.43	99%			0.00	9.01	100%			0.00	6.58	100%			0.00	9.26	100%
21-Sep	24.1	3	0.12	11.56	100%			0.00	9.01	100%			0.00	6.58	100%			0.00	9.26	100%
22-Sep			0.00	11.56	100%			0.00	9.01	100%			0.00	6.58	100%			0.00	9.26	100%
23-Sep			0.00	11.56	100%			0.00	9.01	100%			0.00	6.58	100%			0.00	9.26	100%
24-Sep			0.00	11.56	100%			0.00	9.01	100%			0.00	6.58	100%			0.00	9.26	100%
Totals	758.1	172				768.9	134				707.8	128				776.3	172			
	Mean cumulative proportion date				8/24/85	Mean cumulative proportion date				8/6/86	Mean cumulative proportion date				8/30/87	Mean cumulative proportion date				8/13/88

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

- continued -

Appendix Table 2. (Page 3 of 4).

1989 Coho Salmon[a]

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative 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]

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

Mean cumulative proportion date 8/22/90

1991 Coho Salmon[a]

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

Mean cumulative proportion date 8/27/91

1992 Coho Salmon[a]

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

Mean cumulative proportion date 8/12/92

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

- continued -

Appendix Table 2. (Page 4 of 4).

	1993 Coho Salmon[a]					1994 Coho Salmon[a]					1995 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	Average Cumulative CPUE 1982 1994	Average Cumulative Proportion 1982-1994
22-Jul			0.00	0.00	0%			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	0.00	0%	0.00	0%
24-Jul			0.00	0.00	0%			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	0.00	0%	0.03	0%
26-Jul			0.00	0.00	0%	15.0	2	0.13	0.53	4%			0.00	0.00	0%	0.04	0%
27-Jul			0.00	0.00	0%	15.0	1	0.07	0.60	4%			0.00	0.00	0%	0.08	1%
28-Jul			0.00	0.00	0%	15.0	4	0.27	0.87	6%			0.00	0.00	0%	0.11	1%
29-Jul			0.00	0.00	0%	15.0	1	0.07	0.93	7%			0.00	0.00	0%	0.14	1%
30-Jul			0.00	0.00	0%	8.5	1	0.12	1.05	7%			0.00	0.00	0%	0.22	2%
31-Jul			0.00	0.00	0%	No Fishing		0.14	1.19	8%			0.00	0.00	0%	0.32	2%
1-Aug			0.00	0.00	0%	23.5	4	0.17	1.37	10%			0.00	0.00	0%	0.74	4%
2-Aug			0.00	0.00	0%	24.0	1	0.04	1.41	10%			0.00	0.00	0%	1.06	6%
3-Aug			0.00	0.00	0%	24.0	7	0.29	1.70	12%	24.0	16	0.67	0.67	7%	1.50	8%
4-Aug			0.00	0.00	0%	24.0	5	0.21	1.91	13%	24.0	6	0.25	0.92	10%	1.85	11%
5-Aug			0.00	0.00	0%	24.0	4	0.17	2.07	15%	8.0	0	0.00	0.92	10%	2.22	13%
6-Aug	24.0	3	0.13	0.13	2%	8.5	1	0.12	2.19	16%	No Fishing		0.10	1.02	11%	2.53	15%
7-Aug	8.5	1	0.12	0.24	3%	No Fishing		0.36	2.55	18%	24.0	5	0.21	1.23	13%	2.88	18%
8-Aug	No Fishing		0.10	0.34	5%	23.5	14	0.60	3.14	22%	24.0	3	0.13	1.35	15%	3.20	20%
9-Aug	24.0	2	0.08	0.43	6%	24.0	9	0.38	3.52	25%	24.0	9	0.38	1.73	19%	3.47	22%
10-Aug	24.0	1	0.04	0.47	6%	24.0	22	0.92	4.44	31%	24.0	16	0.67	2.40	26%	3.89	26%
11-Aug	24.0	1	0.04	0.51	7%	24.0	6	0.25	4.69	33%	24.0	3	0.13	2.52	28%	4.57	29%
12-Aug	24.0	0	0.00	0.51	7%	24.0	4	0.17	4.85	34%	8.0	0	0.00	2.52	28%	5.22	32%
13-Aug	24.0	3	0.13	0.63	9%	8.0	2	0.25	5.10	36%	No Fishing		0.69	3.21	35%	5.67	35%
14-Aug	8.5	0	0.00	0.63	9%	No Fishing		0.40	5.50	39%	24.0	33	1.38	4.58	50%	6.14	38%
15-Aug	No Fishing		0.11	0.74	10%	23.5	13	0.55	6.06	43%	24.0	14	0.58	5.17	57%	6.55	41%
16-Aug	23.5	5	0.21	0.95	13%	24.0	10	0.42	6.47	46%	24.0	14	0.58	5.75	63%	6.82	43%
17-Aug	24.0	7	0.29	1.25	17%	Flooding		0.00	6.47	46%	24.0	2	0.08	5.83	64%	7.20	45%
18-Aug	24.0	16	0.67	1.91	26%			0.00	6.47	46%	24.0	4	0.17	6.00	66%	7.51	48%
19-Aug	24.0	6	0.25	2.16	30%			0.00	6.47	46%	8.0	1	0.13	6.13	67%	7.82	50%
20-Aug	24.5	11	0.45	2.61	36%			0.00	6.47	46%	No Fishing		0.13	6.25	68%	8.06	52%
21-Aug	8.0	1	0.13	2.74	38%			0.00	6.47	46%	24.0	3	0.13	6.38	70%	8.34	55%
22-Aug	No Fishing		0.21	2.95	40%	17.5	30	1.71	8.19	58%	24.0	3	0.13	6.50	71%	8.71	57%
23-Aug	23.7	7	0.30	3.24	45%	23.5	13	0.55	8.74	62%	24.0	7	0.29	6.79	74%	8.97	60%
24-Aug	24.0	5	0.21	3.45	47%	24.0	18	0.75	9.49	67%	24.0	10	0.42	7.21	79%	9.27	62%
25-Aug	24.0	11	0.46	3.91	54%	24.0	22	0.92	10.41	74%	24.0	7	0.29	7.50	82%	9.57	64%
26-Aug	24.0	7	0.29	4.20	58%	25.0	24	0.96	11.37	80%	8.0	0	0.00	7.50	82%	9.87	67%
27-Aug	24.5	9	0.37	4.57	63%			0.00	11.37	80%	No Fishing		0.06	7.56	83%	10.14	69%
28-Aug	7.5	3	0.40	4.97	68%	Flooding		0.00	11.37	80%	24.0	3	0.13	7.69	84%	10.42	71%
29-Aug	No Fishing		0.24	5.21	72%	Flooding		0.00	11.37	80%	24.0	2	0.08	7.77	85%	10.67	73%
30-Aug	23.8	2	0.08	5.29	73%	17.0	18	1.06	12.43	88%	24.0	6	0.25	8.02	88%	10.95	75%
31-Aug	24.0	6	0.25	5.54	76%	24.0	13	0.54	12.97	92%	24.0	3	0.13	8.15	89%	11.18	77%
1-Sep	24.0	4	0.17	5.71	78%	23.5	6	0.26	13.22	94%	24.0	1	0.04	8.19	90%	11.41	79%
2-Sep	24.0	5	0.21	5.92	81%	24.0	6	0.25	13.47	95%	8.0	1	0.13	8.31	91%	11.61	81%
3-Sep	24.0	5	0.21	6.13	84%	8.0	1	0.13	13.60	96%	No Fishing		0.08	8.40	92%	11.81	82%
4-Sep	9.0	2	0.22	6.35	87%	No Fishing		0.19	13.79	98%	24.0	1	0.04	8.44	92%	12.05	84%
5-Sep	No Fishing		0.30	6.65	91%	23.5	6	0.26	14.04	99%	24.0	5	0.21	8.65	95%	12.28	86%
6-Sep	23.7	9	0.38	7.03	97%	24.0	1	0.04	14.09	100%	24.0	5	0.21	8.85	97%	12.52	88%
7-Sep	24.0	1	0.04	7.07	97%	24.5	1	0.04	14.13	100%	24.0	2	0.08	8.94	98%	12.77	91%
8-Sep	24.0	5	0.21	7.28	100%			0.00	14.13	100%	24.0	0	0.00	8.94	98%	13.02	93%
9-Sep			0.00	7.28	100%			0.00	14.13	100%	8.0	0	0.00	8.94	98%	13.21	95%
10-Sep			0.00	7.28	100%			0.00	14.13	100%	No Fishing		0.06	9.00	99%	13.35	96%
11-Sep			0.00	7.28	100%			0.00	14.13	100%	24.0	3	0.13	9.13	100%	13.45	96%
12-Sep			0.00	7.28	100%			0.00	14.13	100%			0.00	9.13	100%	13.56	97%
13-Sep			0.00	7.28	100%			0.00	14.13	100%			0.00	9.13	100%	13.65	97%
14-Sep			0.00	7.28	100%			0.00	14.13	100%			0.00	9.13	100%	13.74	98%
15-Sep			0.00	7.28	100%			0.00	14.13	100%			0.00	9.13	100%	13.80	98%
16-Sep			0.00	7.28	100%			0.00	14.13	100%			0.00	9.13	100%	13.85	99%
17-Sep			0.00	7.28	100%			0.00	14.13	100%			0.00	9.13	100%	13.91	99%
18-Sep			0.00	7.28	100%			0.00	14.13	100%			0.00	9.13	100%	13.99	99%
19-Sep			0.00	7.28	100%			0.00	14.13	100%			0.00	9.13	100%	14.03	99%
20-Sep			0.00	7.28	100%			0.00	14.13	100%			0.00	9.13	100%	14.07	100%
21-Sep			0.00	7.28	100%			0.00	14.13	100%			0.00	9.13	100%	14.10	100%
22-Sep			0.00	7.28	100%			0.00	14.13	100%			0.00	9.13	100%	14.12	100%
23-Sep			0.00	7.28	100%			0.00	14.13	100%			0.00	9.13	100%	14.13	100%
24-Sep			0.00	7.28	100%			0.00	14.13	100%			0.00	9.13	100%	14.14	100%
Totals	617.2	138				669.0	276				720.0	188					
	Mean cumulative proportion date				8/25/93	Mean cumulative proportion date				8/22/94	Mean cumulative proportion date				8/14/95		

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)	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			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)	Cumul-ative 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%
392.6	851			

Mean cumulative proportion date 7/7/82

1983 Pink Salmon[a]

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
11.5	8	0.70	0.70	3%
No Fishing		1.15	1.84	7%
11.9	19	1.60	3.44	13%
No Fishing		1.05	4.49	18%
11.9	6	0.50	4.99	20%
No Fishing		0.88	5.88	23%
11.9	15	1.26	7.14	28%
12.0	2	0.17	7.30	29%
No Fishing		0.58	7.88	31%
12.1	12	0.99	8.87	35%
No Fishing		1.02	9.90	39%
11.4	12	1.05	10.95	43%
No Fishing		1.35	12.30	48%
11.5	19	1.65	13.95	55%
11.6	15	1.29	15.25	60%
No Fishing		1.20	16.45	64%
11.7	13	1.11	17.56	69%
No Fishing		0.98	18.54	73%
11.8	10	0.85	19.39	76%
No Fishing		0.81	20.19	79%
11.8	9	0.76	20.95	82%
11.5	0	0.00	20.95	82%
No Fishing		0.78	21.73	85%
12.2	19	1.56	23.29	91%
No Fishing		0.87	24.16	95%
11.5	2	0.17	24.33	95%
No Fishing		0.21	24.54	96%
12.0	3	0.25	24.79	97%
11.7	2	0.17	24.96	98%
No Fishing		0.09	25.05	98%
11.7	0	0.00	25.05	98%
No Fishing		0.00	25.05	98%
11.6	0	0.00	25.05	98%
No Fishing		0.00	25.05	98%
12.1	0	0.00	25.05	98%
12.2	0	0.00	25.05	98%
No Fishing		0.04	25.09	98%
11.8	1	0.08	25.17	99%
No Fishing		0.04	25.22	99%
12.8	0	0.00	25.22	99%
No Fishing		0.00	25.22	99%
25.7	0	0.00	25.22	99%
12.5	0	0.00	25.22	99%
No Fishing		0.00	25.22	99%
1.3	0	0.00	25.22	99%
No Fishing		0.05	25.26	99%
10.7	1	0.09	25.36	99%
No Fishing		0.09	25.45	100%
12.2	1	0.08	25.53	100%
		0.00	25.53	100%
		0.00	25.53	100%
		0.00	25.53	100%
		0.00	25.53	100%
		0.00	25.53	100%
		0.00	25.53	100%
		0.00	25.53	100%
		0.00	25.53	100%
		0.00	25.53	100%
		0.00	25.53	100%
		0.00	25.53	100%
		0.00	25.53	100%
		0.00	25.53	100%
		0.00	25.53	100%
		0.00	25.53	100%
		0.00	25.53	100%
		0.00	25.53	100%
		0.00	25.53	100%
		0.00	25.53	100%
		0.00	25.53	100%
		0.00	25.53	100%
		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)	Cumul-ative CPUE	Cumulative Proportion
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
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%
595.0	657			

Mean cumulative proportion date 7/12/84

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

- continued -

Table 3. (Page 2 of 4).

1985 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			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)	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	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	100%
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)	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	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)	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	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	100%
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)	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	24.0	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	10.0	54	5.40	54.67	75%
23-Jul	No Fishing		3.85	58.52	80%
24-Jul	28.8	66	2.29	60.81	84%
25-Jul	18.3	32	1.75	62.56	86%
26-Jul	23.8	55	2.31	64.87	89%
27-Jul	24.5	65	2.65	67.52	93%
28-Jul	23.7	27	1.14	68.66	94%
29-Jul	10.2	15	1.47	70.13	96%
30-Jul	No Fishing		0.84	70.97	98%
31-Jul	24.3	5	0.21	71.17	98%
1-Aug	23.8	8	0.34	71.51	98%
2-Aug	24.5	6	0.24	71.75	99%
3-Aug	23.8	5	0.21	71.96	99%
4-Aug	24.0	0	0.00	71.96	99%
5-Aug	10.2	1	0.10	72.06	99%
6-Aug	No Fishing		0.11	72.17	99%
7-Aug	24.3	3	0.12	72.30	99%
8-Aug	23.9	4	0.17	72.46	100%
9-Aug	24.2	2	0.08	72.55	100%
10-Aug	23.8	2	0.08	72.63	100%
11-Aug	No Fishing		0.04	72.67	100%
12-Aug	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)	Cumul-ative CPUE	Cumulative Proportion
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
30.0	15	0.50	0.50	1%
21.8	39	1.79	2.29	5%
23.8	20	0.84	3.13	8%
23.5	19	0.81	3.94	9%
24.2	26	1.07	5.01	12%
9.3	11	1.18	6.20	15%
No Fishing		0.88	7.07	17%
22.9	13	0.57	7.64	18%
24.3	17	0.70	8.34	20%
24.0	11	0.46	8.80	21%
23.8	10	0.42	9.22	22%
23.8	28	1.18	10.39	25%
9.9	7	0.71	11.10	27%
No Fishing		1.04	12.14	29%
24.1	33	1.37	13.51	32%
23.6	35	1.48	14.99	36%
24.3	32	1.32	16.31	39%
23.9	31	1.30	17.60	42%
23.8	44	1.85	19.45	47%
9.8	23	2.35	21.80	52%
No Fishing		2.22	24.02	58%
23.3	49	2.10	26.13	63%
24.0	34	1.42	27.54	66%
24.0	50	2.08	29.63	71%
23.9	56	2.34	31.97	77%
24.4	66	2.70	34.68	83%
9.7	33	3.40	38.08	91%
No Fishing		1.91	39.99	96%
23.7	10	0.42	40.41	97%
23.8	7	0.29	40.71	98%
24.3	4	0.16	40.87	98%
23.4	3	0.13	41.00	98%
24.4	3	0.12	41.12	99%
7.9	0	0.00	41.12	99%
No Fishing		0.06	41.18	99%
24.3	3	0.12	41.31	99%
24.0	2	0.08	41.39	99%
23.7	2	0.08	41.47	100%
23.9	0	0.00	41.47	100%
25.3	0	0.00	41.47	100%
7.5	0	0.00	41.47	100%
No Fishing		0.00	41.47	100%
23.2	0	0.00	41.47	100%
24.0	3	0.13	41.60	100%
24.0	0	0.00	41.60	100%
23.8	0	0.00	41.60	100%
23.8	1	0.04	41.64	100%
		0.00	41.64	100%
		0.00	41.64	100%
		0.00	41.64	100%
		0.00	41.64	100%
		0.00	41.64	100%
		0.00	41.64	100%
		0.00	41.64	100%
		0.00	41.64	100%
		0.00	41.64	100%
		0.00	41.64	100%
		0.00	41.64	100%
		0.00	41.64	100%
		0.00	41.64	100%
		0.00	41.64	100%
		0.00	41.64	100%
		0.00	41.64	100%
		0.00	41.64	100%
		0.00	41.64	100%
		0.00	41.64	100%
		0.00	41.64	100%
		0.00	41.64	100%
		0.00	41.64	100%
895.1	740			

Mean cumulative proportion date 7/14/90

1991 Pink Salmon[b]

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
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		0.06	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%
1028.7	345			

Mean cumulative proportion date 7/24/91

1992 Pink Salmon[b]

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
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 7/14/92

[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
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
24.0	2	0.08	0.08	0%
24.0	1	0.04	0.13	0%
24.0	17	0.71	0.83	0%
24.0	39	1.63	2.46	1%
24.0	44	1.83	4.29	2%
24.0	32	1.33	5.63	2%
24.0	44	1.83	7.46	3%
24.0	52	2.17	9.63	4%
24.0	70	2.92	12.54	5%
24.0	47	1.96	14.50	5%
24.0	69	2.88	17.38	7%
24.0	116	4.83	22.21	8%
24.0	87	3.63	25.83	10%
24.0	82	3.42	29.25	11%
24.0	93	3.88	33.13	13%
24.0	106	4.42	37.54	14%
24.0	155	6.46	44.00	17%
24.0	200	8.33	52.33	20%
15.0	116	7.73	60.07	23%
15.0	140	9.33	69.40	26%
9.0	95	10.56	79.96	30%
No Fishing		11.13	91.08	34%
23.5	275	11.70	102.79	39%
15.0	196	13.07	115.85	44%
15.0	187	12.47	128.32	48%
15.0	296	19.73	148.05	56%
15.0	182	12.13	160.19	61%
8.0	114	14.25	174.44	66%
No Fishing		10.23	184.66	70%
15.0	93	6.20	190.86	72%
15.0	88	5.87	196.73	74%
15.0	112	7.47	204.19	77%
15.0	102	6.80	210.99	80%
15.0	97	6.47	217.46	82%
8.0	100	12.50	229.96	87%
No Fishing		9.15	239.11	90%
15.0	87	5.80	244.91	93%
15.0	58	3.87	248.78	94%
15.0	73	4.87	253.64	96%
15.0	47	3.13	256.78	97%
15.0	38	2.53	259.31	98%
8.5	13	1.53	260.84	99%
No Fishing		1.42	262.27	99%
23.5	31	1.32	263.58	100%
24.0	11	0.46	264.04	100%
24.0	1	0.04	264.08	100%
24.0	1	0.04	264.13	100%
24.0	0	0.00	264.13	100%
8.5	0	0.00	264.13	100%
No Fishing		0.02	264.15	100%
23.5	1	0.04	264.19	100%
24.0	2	0.08	264.27	100%
24.0	2	0.08	264.36	100%
24.0	1	0.04	264.40	100%
24.0	0	0.00	264.40	100%
8.0	1	0.13	264.52	100%
No Fishing		0.06	264.59	100%
23.5	0	0.00	264.59	100%
		0.00	264.59	100%
		0.00	264.59	100%
		0.00	264.59	100%
		0.00	264.59	100%
		0.00	264.59	100%
		0.00	264.59	100%
		0.00	264.59	100%
		0.00	264.59	100%
		0.00	264.59	100%
		0.00	264.59	100%
		0.00	264.59	100%
		0.00	264.59	100%
		0.00	264.59	100%
		0.00	264.59	100%
		0.00	264.59	100%
		0.00	264.59	100%
		0.00	264.59	100%
		0.00	264.59	100%
1008.0	3,816			

Mean cumulative proportion date 7/14/94

1995 Pink Salmon[a]

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion	Even Year Average Cumulative CPUE 1982-1994	Odd Year Average Cumulative CPUE 1983-1993	Odd Year Average Cumulative Proportion 1983-1993	Even Year Average Cumulative Proportion 1982-1994
		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%
		0.00	0.00	0%	0.33	0.00	0%	0%
		0.00	0.00	0%	0.71	0.00	0%	1%
		0.00	0.00	0%	1.04	0.00	0%	2%
		0.00	0.00	0%	1.59	0.00	0%	3%
		0.00	0.00	0%	2.17	0.00	0%	4%
		0.00	0.00	0%	2.96	0.00	0%	5%
		0.00	0.00	0%	4.42	0.01	0%	8%
		0.00	0.00	0%	6.04	0.01	0%	11%
		0.00	0.00	0%	7.60	0.01	0%	13%
		0.00	0.00	0%	8.89	0.01	0%	15%
		0.00	0.00	0%	10.11	0.18	2%	17%
		0.00	0.00	0%	11.80	0.44	3%	20%
		0.00	0.00	0%	14.25	0.82	5%	25%
		0.00	0.00	0%	16.94	1.05	6%	29%
		0.00	0.00	0%	19.41	1.18	6%	32%
		0.00	0.00	0%	21.35	1.37	7%	35%
		0.00	0.00	0%	23.35	1.72	9%	37%
		0.00	0.00	0%	25.22	1.88	12%	40%
		0.00	0.00	0%	28.19	2.10	15%	43%
		0.00	0.00	0%	30.38	2.41	18%	45%
		0.00	0.00	0%	32.24	2.82	20%	48%
		0.00	0.00	0%	34.57	3.31	23%	51%
24.0	2	0.08	0.08	1%	36.84	3.79	26%	54%
24.0	9	0.38	0.46	3%	39.37	4.40	29%	57%
24.0	5	0.21	0.67	5%	42.42	4.96	32%	61%
24.0	10	0.42	1.08	8%	44.86	5.61	35%	64%
8.5	9	1.06	2.14	16%	47.41	6.84	38%	67%
No Fishing		0.89	3.03	22%	49.89	8.17	43%	70%
23.5	17	0.72	3.76	28%	52.14	9.53	50%	73%
24.0	13	0.54	4.30	32%	54.59	10.71	56%	76%
24.0	6	0.25	4.55	34%	56.86	12.25	60%	79%
24.0	8	0.33	4.88	36%	59.27	13.70	65%	83%
24.0	27	1.13	6.01	44%	61.59	15.06	72%	86%
8.0	7	0.88	6.88	51%	63.05	16.46	79%	88%
No Fishing		0.46	7.34	54%	64.06	17.43	82%	89%
24.0	1	0.04	7.38	54%	65.14	17.99	85%	91%
24.0	8	0.33	7.72	57%	66.12	18.36	85%	92%
24.0	2	0.08	7.80	57%	66.99	18.82	86%	94%
24.0	1	0.04	7.84	58%	67.51	19.38	88%	95%
24.0	4	0.17	8.01	59%	67.82	19.70	89%	95%
8.0	8	1.00	9.01	66%	68.10	20.08	90%	96%
No Fishing		0.63	9.63	71%	68.26	20.33	91%	96%
24.0	6	0.25	9.88	73%	68.47	20.51	92%	96%
24.0	11	0.46	10.34	76%	68.70	20.70	93%	97%
24.0	12	0.50	10.84	80%	68.84	20.90	93%	97%
24.0	15	0.63	11.47	84%	68.95	21.28	96%	97%
24.0	15	0.63	12.09	89%	69.06	21.50	97%	98%
8.0	2	0.25	12.34	91%	69.17	21.60	97%	98%
No Fishing		0.25	12.59	93%	69.26	21.69	98%	98%
24.0	6	0.25	12.84	95%	69.35	21.75	98%	99%
24.0	7	0.29	13.13	97%	69.40	21.81	98%	99%
24.0	6	0.25	13.38	99%	69.47	21.86	98%	99%
24.0	0	0.00	13.38	99%	69.56	21.93	99%	99%
24.0	0	0.00	13.38	99%	69.68	21.98	99%	99%
8.0	0	0.00	13.38	99%	69.82	21.99	99%	99%
No Fishing		0.02	13.40	99%	69.87	22.03	99%	99%
24.0	1	0.04	13.44	99%	69.90	22.06	99%	99%
24.0	0	0.00	13.44	99%	69.96	22.08	100%	100%
24.0	0	0.00	13.44	99%	70.02	22.10	100%	100%
24.0	1	0.04	13.49	99%	70.08	22.13	100%	100%
24.0	2	0.08	13.57	100%	70.10	22.14	100%	100%
		0.00	13.57	100%	70.12	22.15	100%	100%
		0.00	13.57	100%	70.14	22.15	100%	100%
		0.00	13.57	100%	70.15	22.15	100%	100%
		0.00	13.57	100%	70.15	22.15	100%	100%
		0.00	13.57	100%	70.15	22.15	100%	100%
		0.00	13.57	100%	70.17	22.15	100%	100%
		0.00	13.57	100%	70.17	22.15	100%	100%
		0.00	13.57	100%	70.18	22.15	100%	100%
		0.00	13.57	100%	70.19	22.15	100%	100%
		0.00	13.57	100%	70.19	22.15	100%	100%
		0.00	13.57	100%	70.22	22.15	100%	100%
		0.00	13.57	100%	70.23	22.15	100%	100%
		0.00	13.57	100%	70.24	22.15	100%	100%
		0.00	13.57	100%	70.24	22.15	100%	100%
		0.00	13.57	100%	70.24	22.15	100%	100%
		0.00	13.57	100%	70.25	22.15	100%	100%
736.0	221							

Mean cumulative proportion date 7/22/95

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

Appendix Table 4. Test fishing catches of chum salmon in 5 7/8" mesh set gillnet, Unalakleet River, Norton Sound, 1981-1995.

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

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

- continued -

Appendix Table 4. (Page 2 of 6)

1981 Chum Salmon[a]

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion
3-Aug	24.0	12	0.50	30.13	65%
4-Aug	24.0	21	0.88	31.00	67%
5-Aug	24.0	33	1.38	32.38	70%
6-Aug	24.0	24	1.00	33.38	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

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

1982 Chum Salmon[a]

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

Mean cumulative proportion date 7/13/82

1983 Chum Salmon[a]

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

Mean cumulative proportion date 7/20/83

1984 Chum Salmon[a]

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

Mean cumulative proportion date 7/13/84

1985 Chum Salmon[a]

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

Mean cumulative proportion date 7/9/85

- continued -

1986 Chum Salmon[a]

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
8-Jun			0.00	0.00	0%
9-Jun			0.00	0.00	0%
10-Jun			0.00	0.00	0%
11-Jun			0.00	0.00	0%
12-Jun			0.00	0.00	0%
13-Jun			0.00	0.00	0%
14-Jun			0.00	0.00	0%
15-Jun			0.00	0.00	0%
16-Jun			0.00	0.00	0%
17-Jun			0.00	0.00	0%
18-Jun	24.2	11	0.45	0.45	1%
19-Jun	24.1	4	0.17	0.62	1%
20-Jun	24.0	3	0.13	0.75	2%
21-Jun	23.9	9	0.38	1.12	2%
22-Jun	24.3	9	0.37	1.49	3%
23-Jun	23.9	14	0.59	2.08	4%
24-Jun	23.7	2	0.08	2.16	4%
25-Jun	24.0	5	0.21	2.37	5%
26-Jun	25.0	5	0.20	2.57	5%
27-Jun	24.0	10	0.42	2.99	6%
28-Jun	12.1	13	1.07	4.06	8%
29-Jun	No Fishing		0.72	4.79	10%
30-Jun	24.0	9	0.38	5.16	10%
1-Jul	24.1	9	0.37	5.54	11%
2-Jul	23.9	6	0.25	5.79	12%
3-Jul	23.9	8	0.33	6.12	12%
4-Jul	24.1	10	0.41	6.54	13%
5-Jul	23.9	8	0.33	6.87	14%
6-Jul	12.2	11	0.90	7.77	16%
7-Jul	No Fishing		0.68	8.45	17%
8-Jul	24.4	11	0.45	8.90	18%
9-Jul	24.5	11	0.45	9.35	19%
10-Jul	23.8	14	0.59	9.94	20%
11-Jul	23.9	10	0.42	10.35	21%
12-Jul	24.2	12	0.50	10.85	22%
13-Jul	12.4	10	0.81	11.66	24%
14-Jul	17.0	24	1.41	13.07	26%
15-Jul	24.6	23	0.93	14.00	28%
16-Jul	23.0	20	0.87	14.87	30%
17-Jul	24.1	17	0.71	15.58	31%
18-Jul	24.0	23	0.96	16.54	33%
19-Jul	26.4	40	1.52	18.05	36%
20-Jul	No Fishing		1.67	19.72	40%
21-Jul	No Fishing		1.67	21.39	43%
22-Jul	No Fishing		1.67	23.05	47%
23-Jul	24.2	44	1.82	24.87	50%
24-Jul	26.8	49	1.83	26.70	54%
25-Jul	12.9	26	2.02	28.71	58%
26-Jul	24.1	44	1.83	30.54	62%
27-Jul	12.0	30	2.50	33.04	67%
28-Jul	No Fishing		1.95	34.99	71%
29-Jul	24.2	34	1.40	36.40	74%
30-Jul	24.2	32	1.32	37.72	76%
31-Jul	23.9	36	1.51	39.23	79%
1-Aug	24.5	41	1.67	40.90	83%
2-Aug	No Fishing		1.11	42.00	85%

1987 Chum 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%
24.3	9	0.37	0.37	1%
23.7	2	0.08	0.45	2%
23.6	2	0.08	0.54	2%
11.8	0	0.00	0.54	2%
No Fishing		0.06	0.60	2%
23.6	3	0.13	0.73	2%
23.9	2	0.08	0.81	3%
24.0	7	0.29	1.11	4%
24.1	11	0.46	1.56	5%
24.2	10	0.41	1.98	7%
No Fishing		0.38	2.36	8%
48.0	17	0.35	2.71	9%
24.9	12	0.48	3.19	11%
24.1	9	0.37	3.57	12%
23.7	6	0.25	3.82	13%
24.0	7	0.29	4.11	14%
24.0	2	0.08	4.20	14%
No Fishing		0.31	4.51	15%
27.6	15	0.54	5.05	17%
24.5	9	0.37	5.42	18%
24.0	0	0.00	5.42	18%
24.1	6	0.25	5.67	19%
24.0	18	0.75	6.42	22%
24.3	27	1.11	7.53	25%
24.2	15	0.62	8.15	28%
No Fishing		0.80	8.95	30%
23.3	23	0.99	9.94	34%
23.9	10	0.42	10.36	35%
No Fishing		0.42	10.78	36%
48.4	20	0.41	11.19	38%
23.8	5	0.21	11.40	39%
10.9	1	0.09	11.49	39%
No Fishing		0.25	11.74	40%
24.2	10	0.41	12.16	41%
23.8	18	0.76	12.91	44%
24.0	24	1.00	13.91	47%
24.3	21	0.86	14.78	50%
23.8	23	0.97	15.74	53%
10.5	13	1.24	16.98	57%
No Fishing		0.79	17.77	60%
23.4	8	0.34	18.11	61%
24.3	4	0.16	18.28	62%
23.9	3	0.13	18.40	62%
23.7	10	0.42	18.83	64%
23.9	5	0.21	19.03	64%
No Fishing		0.29	19.33	65%
47.6	18	0.38	19.71	67%

1988 Chum 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%
24.2	4	0.17	0.17	1%
10.5	1	0.10	0.26	1%
No Fishing		0.23	0.49	2%
24.3	9	0.37	0.86	3%
23.9	11	0.46	1.32	4%
24.0	11	0.46	1.78	6%
24.2	10	0.41	2.20	7%
23.7	7	0.30	2.49	8%
9.0	6	0.67	3.16	10%
No Fishing		0.54	3.70	12%
24.1	10	0.41	4.11	14%
No Fishing		0.26	4.38	15%
53.0	6	0.11	4.49	15%
19.1	0	0.00	4.49	15%
24.2	2	0.08	4.57	15%
10.3	0	0.00	4.57	15%
No Fishing		0.19	4.76	16%
24.2	9	0.37	5.13	17%
24.0	9	0.38	5.51	18%
24.0	7	0.29	5.80	19%
24.1	7	0.29	6.09	20%
23.9	10	0.42	6.51	22%
11.6	4	0.34	6.85	23%
No Fishing		0.27	7.13	24%
24.4	5	0.20	7.33	24%
23.9	8	0.33	7.67	25%
23.9	16	0.67	8.34	28%
23.9	20	0.84	9.17	30%
24.1	13	0.54	9.71	32%
10.8	8	0.74	10.45	35%
No Fishing		0.72	11.18	37%
24.1	17	0.71	11.88	39%
24.0	8	0.33	12.21	40%
24.0	7	0.29	12.51	41%
24.2	7	0.29	12.80	42%
24.0	9	0.38	13.17	44%
25.4	6	0.24	13.41	44%
No Fishing		0.89	14.30	47%
No Fishing		0.89	15.18	50%
No Fishing		0.89	16.07	53%
22.7	35	1.54	17.62	58%
24.3	14	0.58	18.19	60%
23.6	28	1.19	19.38	64%
10.3	16	1.55	20.93	69%
No Fishing		1.05	21.98	73%
24.0	13	0.54	22.52	75%
24.8	9	0.36	22.88	76%

1989 Chum Salmon[a]

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
24.0	10	0.42	0.42	1%
23.9	3	0.13	0.54	1%
24.0	6	0.25	0.79	2%
24.0	21	0.88	1.67	4%
24.8	17	0.69	2.35	6%
22.3	9	0.40	2.76	7%
22.8	25	1.10	3.85	9%
24.0	19	0.79	4.64	11%
24.0	10	0.42	5.06	12%
11.0	7	0.64	5.70	14%
No Fishing		0.82	6.52	16%
24.8	25	1.01	7.53	18%
24.0	29	1.21	8.74	21%
24.0	21	0.88	9.61	24%
24.0	17	0.71	10.32	25%
No Fishing		0.53	10.85	27%
34.8	12	0.34	11.19	27%
No Fishing		0.69	11.88	29%
24.1	25	1.04	12.92	32%
24.0	17	0.71	13.63	33%
23.9	14	0.59	14.21	35%
24.1	18	0.75	14.96	37%
24.0	12	0.50	15.46	38%
10.0	12	1.20	16.66	41%
No Fishing		1.14	17.80	44%
24.1	26	1.08	18.88	46%
23.9	16	0.67	19.55	48%
24.0	16	0.67	20.21	50%
24.0	18	0.75	20.96	51%
24.0	26	1.08	22.05	54%
10.2	9	0.88	22.93	56%
No Fishing		0.83	23.76	58%
14.0	11	0.79	24.55	60%
24.2	23	0.95	25.50	63%
24.1	12	0.50	26.00	64%
24.1	9	0.37	26.37	65%
24.0	11	0.46	26.83	66%
10.0	12	1.20	28.03	69%
No Fishing		1.21	29.24	72%
28.8	35	1.22	30.45	75%
18.3	23	1.26	31.71	78%
13.8	24	1.74	33.45	82%
24.5	16	0.65	34.10	84%
23.7	0	0.00	34.10	84%
10.2	5	0.49	34.59	85%
No Fishing		0.62	35.21	86%
24.3	18	0.74	35.95	88%
23.8	12	0.50	36.45	89%
24.5	12	0.49	36.94	91%

1990 Chum 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%
23.7	12	0.51	0.51	3%
23.8	6	0.25	0.76	4%
24.2	3	0.12	0.88	5%
23.8	2	0.08	0.97	5%
24.2	3	0.12	1.09	6%
10.0	3	0.30	1.39	7%
No Fishing		0.35	1.74	9%
30.0	12	0.40	2.14	11%
21.8	5	0.23	2.37	12%
23.8	7	0.29	2.66	14%
23.5	6	0.26	2.92	15%
24.2	4	0.17	3.08	16%
9.3	3	0.32	3.41	18%
No Fishing		0.20	3.61	19%
22.9	2	0.09	3.70	19%
24.3	4	0.16	3.86	20%
24.0	3	0.13	3.99	21%
23.8	4	0.17	4.16	22%
23.8	13	0.55	4.70	25%
9.9	15	1.52	6.22	33%
No Fishing		1.15	7.37	39%
24.1	19	0.79	8.16	43%
23.6	3	0.13	8.29	43%
24.3	3	0.12	8.41	44%
23.9	12	0.50	8.91	47%
23.8	18	0.76	9.67	51%
9.8	4	0.41	10.08	53%
No Fishing		0.42	10.49	55%
23.3	10	0.43	10.92	57%
24.0	7	0.29	11.22	59%
24.0	19	0.79	12.01	63%
23.9	18	0.75	12.76	67%
24.4	20	0.82	13.58	71%
9.7	5	0.52	14.10	74%
No Fishing		0.38	14.48	76%
23.7	6	0.25	14.73	77%
23.8	2	0.08	14.82	78%
24.3	7	0.29	15.10	79%
23.4	4	0.17	15.28	80%
24.4	3	0.12	15.40	81%
7.9	0	0.00	15.40	81%
No Fishing		0.14	15.54	81%
24.3	7	0.29	15.83	83%
24.0	4	0.17	16.00	84%
23.7	4	0.17	16.17	85%
23.9	3	0.13	16.29	85%

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

- continued -

Appendix Table 4. (Page 4 of 6).

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

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

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%
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%
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%
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

- continued -

Appendix Table 4. (Page 5 of 6).

1991 Chum Salmon[a]

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion
8-Jun			0.00	0.00	0%
9-Jun			0.00	0.00	0%
10-Jun			0.00	0.00	0%
11-Jun			0.00	0.00	0%
12-Jun			0.00	0.00	0%
13-Jun			0.00	0.00	0%
14-Jun	24.0	5	0.21	0.21	1%
15-Jun	23.9	1	0.04	0.25	1%
16-Jun	24.0	4	0.17	0.42	1%
17-Jun	24.2	5	0.21	0.62	2%
18-Jun	23.5	3	0.13	0.75	2%
19-Jun	23.8	3	0.13	0.88	2%
20-Jun	24.0	0	0.00	0.88	2%
21-Jun	24.1	0	0.00	0.88	2%
22-Jun	24.1	3	0.12	1.00	2%
23-Jun	24.0	10	0.42	1.42	3%
24-Jun	23.9	4	0.17	1.59	4%
25-Jun	24.0	1	0.04	1.63	4%
26-Jun	24.0	4	0.17	1.79	4%
27-Jun	24.1	4	0.17	1.96	5%
28-Jun	24.0	1	0.04	2.00	5%
29-Jun	9.1	2	0.22	2.22	5%
30-Jun	No Fishing		0.36	2.59	6%
1-Jul	23.6	12	0.51	3.09	8%
2-Jul	24.0	1	0.04	3.14	8%
3-Jul	24.0	8	0.33	3.47	9%
4-Jul	24.0	13	0.54	4.01	10%
5-Jul	24.0	1	0.04	4.05	10%
6-Jul	8.7	1	0.11	4.17	10%
7-Jul	No Fishing		0.24	4.41	11%
8-Jul	24.0	9	0.38	4.79	12%
9-Jul	24.0	3	0.13	4.91	12%
10-Jul	24.0	3	0.13	5.04	12%
11-Jul	23.9	12	0.50	5.54	14%
12-Jul	24.1	8	0.33	5.87	14%
13-Jul	8.5	5	0.59	6.46	16%
14-Jul	No Fishing		0.78	7.23	18%
15-Jul	23.9	23	0.96	8.20	20%
16-Jul	24.0	17	0.71	8.91	22%
17-Jul	24.2	16	0.66	9.57	24%
18-Jul	24.0	26	1.08	10.65	26%
19-Jul	24.0	31	1.29	11.94	29%
20-Jul	8.9	15	1.69	13.63	34%
21-Jul	No Fishing		1.43	15.05	37%
22-Jul	24.0	28	1.17	16.22	40%
23-Jul	24.0	24	1.00	17.22	42%
24-Jul	24.0	19	0.79	18.01	44%
25-Jul	23.8	20	0.84	18.85	46%
26-Jul	24.1	22	0.91	19.76	49%
27-Jul	9.0	14	1.56	21.32	53%
28-Jul	No Fishing		1.32	22.64	56%
29-Jul	23.9	26	1.09	23.73	58%
30-Jul	24.0	21	0.88	24.60	61%
31-Jul	24.0	25	1.04	25.65	63%
1-Aug	24.0	22	0.92	26.56	65%
2-Aug	24.0	35	1.46	28.02	69%

1992 Chum Salmon[a]

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
24.0	5	0.21	0.21	0%
24.0	14	0.58	0.79	2%
24.0	34	1.42	2.21	5%
24.2	36	1.49	3.70	8%
23.8	24	1.01	4.70	10%
24.0	32	1.33	6.04	13%
24.0	26	1.08	7.12	16%
24.0	18	0.75	7.87	18%
24.7	16	0.65	8.52	19%
23.3	17	0.73	9.25	21%
24.2	44	1.82	11.07	25%
24.1	72	2.99	14.05	31%
23.8	47	1.97	16.03	36%
24.0	36	1.50	17.53	39%
24.0	20	0.83	18.36	41%
25.0	17	0.68	19.04	42%
24.0	20	0.83	19.88	44%
23.0	24	1.04	20.92	47%
24.0	26	1.08	22.00	49%
24.0	25	1.04	23.04	51%
24.0	23	0.96	24.00	53%
24.0	15	0.63	24.63	55%
24.0	11	0.46	25.09	56%
6.8	5	0.74	25.82	57%
No Fishing		0.88	26.70	59%
24.3	25	1.03	27.73	62%
22.7	8	0.35	28.08	62%
24.0	3	0.13	28.21	63%
24.0	12	0.50	28.71	64%
24.4	8	0.33	29.04	65%
6.0	0	0.00	29.04	65%
No Fishing		0.27	29.31	65%
23.8	13	0.55	29.86	66%
23.9	12	0.50	30.36	68%
24.0	8	0.33	30.69	68%
24.0	12	0.50	31.19	69%
24.0	4	0.17	31.36	70%
6.2	2	0.32	31.68	70%
No Fishing		0.25	31.93	71%

1993 Chum Salmon[a]

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
24.0	4	0.17	0.17	1%
24.0	5	0.21	0.38	1%
24.0	4	0.17	0.54	2%
24.0	10	0.42	0.96	3%
24.0	1	0.04	1.00	3%
24.3	4	0.16	1.16	4%
24.0	7	0.29	1.46	5%
24.0	22	0.92	2.37	7%
23.7	15	0.63	3.01	9%
24.0	8	0.33	3.34	10%
24.0	1	0.04	3.38	10%
24.0	4	0.17	3.55	11%
24.0	5	0.21	3.76	12%
24.0	4	0.17	3.92	12%
25.7	2	0.08	4.00	12%
22.6	8	0.35	4.35	13%
23.8	18	0.76	5.11	16%
24.0	8	0.33	5.44	17%
24.0	1	0.04	5.49	17%
24.0	3	0.13	5.61	17%
24.0	3	0.13	5.74	18%
8.5	3	0.35	6.09	19%
No Fishing		0.51	6.60	20%
23.7	16	0.68	7.28	23%
24.0	6	0.25	7.53	23%
24.0	9	0.38	7.90	24%
24.0	18	0.75	8.65	27%
24.0	11	0.46	9.11	28%
9.0	2	0.22	9.33	29%
No Fishing		0.15	9.49	29%
24.0	2	0.08	9.57	30%
24.0	8	0.33	9.90	31%
24.0	11	0.46	10.36	32%
24.0	5	0.21	10.57	33%
24.0	8	0.33	10.90	34%
8.5	4	0.47	11.37	35%
No Fishing		0.40	11.78	36%
24.0	8	0.33	12.11	38%
24.0	6	0.25	12.36	38%
24.0	2	0.08	12.44	39%
24.0	5	0.21	12.65	39%
24.0	3	0.13	12.78	40%
8.5	2	0.24	13.01	40%
No Fishing		0.52	13.53	42%
23.7	19	0.80	14.33	44%
23.8	3	0.13	14.46	45%
24.0	18	0.75	15.21	47%
24.0	18	0.75	15.96	49%
24.0	15	0.63	16.58	51%
8.5	3	0.35	16.93	52%
No Fishing		0.56	17.49	54%
23.5	18	0.77	18.26	57%

1994 Chum Salmon[a]

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
18.5	24	1.30	1.30	3%
24.0	45	1.88	3.17	7%
24.0	25	1.04	4.21	9%
24.0	22	0.92	5.13	11%
24.0	16	0.67	5.80	12%
24.0	24	1.00	6.80	14%
24.0	36	1.50	8.30	17%
24.0	36	1.50	9.80	20%
24.0	13	0.54	10.34	21%
24.0	23	0.96	11.30	23%
24.0	36	1.50	12.80	26%
24.0	43	1.79	14.59	30%
24.0	33	1.38	15.96	33%
24.0	25	1.04	17.01	35%
24.0	26	1.08	18.09	37%
24.0	25	1.04	19.13	39%
24.0	23	0.96	20.09	41%
24.0	16	0.67	20.76	43%
24.0	24	1.00	21.76	45%
24.0	31	1.29	23.05	47%
24.0	24	1.00	24.05	49%
15.0	9	0.60	24.65	51%
15.0	18	1.20	25.85	53%
9.0	30	3.33	29.18	60%
No Fishing		2.35	31.53	65%
23.5	32	1.36	32.89	67%
15.0	15	1.00	33.89	70%
15.0	22	1.47	35.36	73%
15.0	4	0.27	35.62	73%
15.0	6	0.40	36.02	74%
8.0	5	0.63	36.65	75%
No Fishing		0.41	37.06	76%
15.0	3	0.20	37.26	76%
15.0	4	0.27	37.53	77%
24.0	13	0.54	38.07	78%
15.0	13	0.87	38.94	80%
15.0	5	0.33	39.27	81%
8.0	5	0.63	39.89	82%
No Fishing		0.58	40.47	83%
15.0	8	0.53	41.01	84%
15.0	6	0.40	41.41	85%
15.0	2	0.13	41.54	85%
15.0	5	0.33	41.87	86%
15.0	0	0.00	41.87	86%
8.5	2	0.24	42.11	86%
No Fishing		0.20	42.31	87%
23.5	4	0.17	42.48	87%
24.0	6	0.25	42.73	88%

1995 Chum Salmon[a]

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion	Average Cumulative CPUE 1982-1994	Average Cumulative Proportion 1982-1994
25.0	7	0.28	0.28	0%	0.00	0%
24.0	1	0.04	0.32	1%	0.00	0%
9.0	1	0.11	0.43	1%	0.00	0%
No Fishing		0.16	0.59	1%	0.00	0%
24.0	5	0.21	0.80	1%	0.01	0%
24.0	3	0.13	0.93	2%	0.03	0%
24.0	4	0.17	1.09	2%	0.06	0%
24.0	7	0.29	1.38	2%	0.15	0%
24.0	12	0.50	1.88	3%	0.30	1%
24.0	12	0.50	2.38	4%	0.55	1%
25.0	17	0.68	3.06	5%	0.88	2%
23.0	13	0.57	3.63	6%	1.22	3%
24.0	18	0.75	4.38	8%	1.49	4%
24.0	21	0.88	5.25	9%	1.81	4%
24.0	21	0.88	6.13	11%	2.20	5%
24.0	22	0.92	7.05	12%	2.55	6%
25.0	29	1.16	8.21	14%	2.84	7%
23.0	35	1.52	9.73	17%	3.33	8%
24.0	54	2.25	11.98	21%	4.02	10%
24.0	31	1.29	13.27	23%	4.89	11%
24.0	28	1.17	14.44	25%	5.71	13%
24.0	20	0.83	15.27	26%	6.42	15%
24.0	15	0.63	15.89	27%	7.13	16%
9.0	2	0.22	16.12	28%	7.84	18%
No Fishing		0.72	16.83	29%	8.78	20%
24.0	29	1.21	18.04	31%	9.52	21%
24.0	31	1.29	19.33	33%	10.31	23%
24.0	41	1.71	21.04	36%	11.12	25%
24.0	21	0.88	21.92	38%	12.04	27%
24.0	21	0.88	22.79	39%	13.02	29%
8.0	10	1.25	24.04	41%	14.05	32%
No Fishing		1.08	25.12	43%	15.23	34%
24.0	22	0.92	26.04	45%	16.17	36%
24.0	21	0.88	26.92	46%	16.99	38%
24.0	19	0.79	27.71	48%	17.82	40%
24.0	13	0.54	28.25	48%	18.93	43%
24.0	11	0.46	28.71	49%	19.82	45%
8.5	8	0.94	29.65	51%	20.59	46%
No Fishing		0.87	30.52	52%	21.30	48%
23.5	19	0.81	31.33	54%	21.99	49%
24.0	17	0.71	32.04	55%	22.76	51%
24.0	20	0.83	32.87	56%	23.50	53%
24.0	18	0.75	33.62	58%	24.50	55%
24.0	24	1.00	34.62	59%	25.34	57%
8.0	9	1.13	35.75	61%	26.13	59%
No Fishing		0.90	36.64	63%	26.99	61%
24.0	16	0.67	37.31	64%	27.88	63%
24.0	8	0.33	37.64	65%	28.81	65%
24.0	9	0.38	38.02	65%	29.73	67%
24.0	3	0.13	38.14	65%	30.54	69%
24.0	11	0.46	38.60	66%	31.23	70%
8.0	14	1.75	40.35	69%	32.01	72%
No Fishing		1.50	41.85	72%	32.83	74%
24.0	30	1.25	43.10	74%	33.52	75%
24.0	17	0.71	43.81	75%	34.07	77%
24.0	18	0.75	44.56	76%	34.63	78%

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

- continued -

Appendix Table 4. (Page 6 of 6).

1991 Chum Salmon[a]

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative 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

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

1992 Chum Salmon[a]

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative 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%
1,467.2	926			

Mean cumulative proportion date 7/14/92

1993 Chum Salmon[a]

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative 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%
1,738.5	637			

Mean cumulative proportion date 7/30/93

1994 Chum Salmon[a]

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

Mean cumulative proportion date 7/7/94

1995 Chum Salmon[a]

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion	Average Cumulative Catch 1982-1993	Average Cumulative Proportion 1982-1993
24.0	19	0.79	45.35	78%	35.24	79%
24.0	18	0.75	46.10	79%	35.83	81%
8.0	11	1.38	47.48	81%	36.29	82%
No Fishing		1.06	48.54	83%	36.81	83%
24.0	18	0.75	49.29	85%	37.40	84%
24.0	21	0.88	50.16	86%	37.90	86%
24.0	28	1.17	51.33	88%	38.28	86%
24.0	9	0.38	51.71	89%	38.67	87%
24.0	10	0.42	52.12	89%	38.98	88%
8.0	4	0.50	52.62	90%	39.31	89%
No Fishing		0.63	53.25	91%	39.76	90%
24.0	18	0.75	54.00	93%	40.12	91%
24.0	6	0.25	54.25	93%	40.46	91%
24.0	8	0.33	54.58	94%	40.76	92%
24.0	5	0.21	54.79	94%	41.09	93%
24.0	7	0.29	55.08	94%	41.37	94%
8.0	2	0.25	55.33	95%	41.59	94%
No Fishing		0.19	55.52	95%	41.82	95%
24.0	3	0.13	55.64	95%	41.99	95%
24.0	8	0.33	55.98	96%	42.17	95%
24.0	9	0.38	56.35	97%	42.38	96%
24.0	7	0.29	56.64	97%	42.60	96%
24.0	4	0.17	56.81	97%	42.74	97%
8.0	1	0.13	56.94	98%	42.90	97%
No Fishing		0.17	57.10	98%	43.06	98%
24.0	5	0.21	57.31	98%	43.14	98%
24.0	6	0.25	57.56	99%	43.21	98%
24.0	5	0.21	57.77	99%	43.29	98%
24.0	0	0.00	57.77	99%	43.39	98%
24.0	3	0.13	57.89	99%	43.46	99%
8.0	0	0.00	57.89	99%	43.56	99%
No Fishing		0.00	57.89	99%	43.69	99%
24.0	0	0.00	57.89	99%	43.77	99%
24.0	4	0.17	58.06	100%	43.82	99%
24.0	1	0.04	58.10	100%	43.87	100%
24.0	0	0.00	58.10	100%	43.92	100%
24.0	0	0.00	58.10	100%	43.98	100%
24.0	0	0.00	58.10	100%	44.00	100%
No Fishing		0.06	58.16	100%	44.02	100%
24.0	3	0.13	58.29	100%	44.02	100%
		0.00	58.29	100%	44.04	100%
		0.00	58.29	100%	44.05	100%
		0.00	58.29	100%	44.06	100%
		0.00	58.29	100%	44.06	100%
		0.00	58.29	100%	44.07	100%
		0.00	58.29	100%	44.08	100%
		0.00	58.29	100%	44.08	100%
		0.00	58.29	100%	44.08	100%
		0.00	58.29	100%	44.08	100%
		0.00	58.29	100%	44.09	100%
1,843.0	1,101					

Date of the mean cumulative p 7/14/95

Appendix Table 5. Subsistence king salmon catch and effort, Unalakleet River and Unalakleet Subdistrict, Norton Sound 1982-1995.

	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
4-Jun																	
5-Jun																	
6-Jun																	
7-Jun																	
8-Jun				4	3	0.8											
9-Jun				4	1	0.3											
10-Jun				4	7	1.8											
11-Jun				4	2	0.5											
12-Jun				4	2	0.5											
13-Jun				4	0	0.0											
14-Jun	2	4	2.0	4	1	0.3											
15-Jun	3	0	0.0	4	23	5.8											
16-Jun	4	5	1.3	4	37	9.3											
17-Jun	3	5	1.7	4	25	6.3											
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-

Appendix Table 5. Page (2 of 3).

	1987				1988				1989 River				1989 Ocean			1990				1991			
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	# of Fishers	# of Kings	Daily Mean Catch	# of Nets Observed
4-Jun																							
5-Jun																							
6-Jun					3	5	1.7	10					1	6	6.0								
7-Jun													1	1	1.0								
8-Jun					3	0	0.0	9					4	23	5.8								
9-Jun					1	0	0.0	10					4	54	13.5								
10-Jun								10															
11-Jun					4	6	1.5	12					1	35	35.0					2	0	0.0	5
12-Jun												5	3	43	14.3					6	27	4.5	7
13-Jun					2	0	0.0	5	1	0	0.0	5	3	14	4.7					2	6	3.0	9
14-Jun					1	0	0.0	7				6	6	113	18.8	4	44	11.0	8	4	11	2.8	9
15-Jun					1	0	0.0	15				5	1	30	30.0				6	5	34	6.8	11
16-Jun					2	1	0.5	15				7								1	10	10.0	7
17-Jun				7	2	1	0.5	15												1	6	6.0	7
18-Jun	1	0	0.0	10	1	5	5.0	14								2	11	5.5	1	1	4	4.0	4
19-Jun	2	1	0.5	14												4	7	1.8	7	3	1	0.3	12
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	6	13	2.2	
21-Jun	3	7	2.3		4	24	6.0	10	3	7	2.3	7				4	36	9.0		4	4	1.0	8
22-Jun	3	3	1.0	17	3	37	12.3	12	2	2	1.0	8				2	25	12.5	9	5	12	2.4	10
23-Jun	5	3	0.6	18	1	6	6.0	15	3	18	6.0	12				1	2	2.0	9				0
24-Jun	3	4	1.3	19				15	4	27	6.8	14								1	0	0.0	
25-Jun	3	8	2.7	20	1	9	9.0	13								1	3	3.0	2	2	7	3.5	10
26-Jun	1	1	1.0	22												1	0	0.0	7	3	14	4.7	
27-Jun	4	12	3.0	22				14	1	7	7.0	5				3	2	0.7	6	3	5	1.7	10
28-Jun	5	56	11.2	21					1	1	1.0	8				3	1	0.3	8	1	0	0.0	7
29-Jun	7	60	8.6	22								10				2	8	4.0	8	3	31	10.3	5
30-Jun	6	29	4.8	15												2	5	2.5	11				
1-Jul	7	57	8.1	23								9											0
2-Jul	6	8	1.3	26															0				3
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-

Appendix Table 5. Page (3 of 3).

	1992				1993				1994 River				1994 Ocean			1995 River				1995 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 Fishers	# of Kings	Daily Mean Catch	# of Nets Observed	# of Fishers	# of Kings	Daily Mean Catch
4-Jun																1	2	2.0		1	3	3.0
5-Jun																1	4	4.0		1	7	7.0
6-Jun					1	1	1.0												11			
7-Jun					2	11	5.5												11			
8-Jun					6	31	5.2												12			
9-Jun					7	31	4.4												10			
10-Jun					8	55	6.9															
11-Jun					4	32	8.0															
12-Jun					2	28	14.0						1	5	5.0				12			
13-Jun					2	14	7.0						2	10	5.0				11			
14-Jun					6	57	9.5						2	23	11.5	2	24	12.0	12			
15-Jun					2	20	10.0		2	11	5.5	10	11	158	14.4	1	9	9.0				
16-Jun					6	25	4.2		4	43	10.8	10	4	74	18.5	2	5	2.5		1	3	3.0
17-Jun					3	35	11.7	15	6	50	8.3	15	3	45	15.0	2	4	2.0	13	1	40	40.0
18-Jun					4	20	5.0	10	7	17	2.4	7				4	2	0.5	3	1	30	30.0
19-Jun					3	17	5.7	9	2	9	4.5	5				4	24	6.0	4	1	56	56.0
20-Jun								1	3	43	14.3	3	1	26	26.0	6	18	3.0	10			
21-Jun								1	2	33	16.5	2				4	18	4.5	10			
22-Jun					6	68	11.3	9	4	47	11.8	5				5	32	6.4	10	1	75	75.0
23-Jun					5	25	5.0	12	4	26	6.5	6				2	14	7.0	10			
24-Jun					6	56	9.3	13	4	13	3.3	7				1	8	8.0	8	1	12	12.0
25-Jun	2	1	0.5	6	8	51	6.4	14	3	11	3.7	2								1	14	14.0
26-Jun	5	0	0.0	13	3	12	4.0	10				2							1			
27-Jun	9	2	0.2	16				0				4							3			
28-Jun	4	1	0.3	9	2	13	6.5	3	1	3	3.0	6							4			
29-Jun	2	5	2.5	10	2	14	7.0	3	3	22	7.3	5				1	10	10.0	8			
30-Jun	2	2	1.0	18	2	8	4.0	5	1	0	0.0	4				1	4	4.0	7			
1-Jul	1	4	4.0	11	2	5	2.5	8	2	1	0.5	4							1			
2-Jul	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																		

* 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.