Unalakleet River Test Net Project, 1997

by

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Regional Informational Report[1] No. 3A98-18

April 1998

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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 1996a, 1996b and 1997). This report presents test fishing results from the 1997 season and comparisons to historical data.

METHODS

Test Fishing

Test fishing began on 2 June and ended on 10 September in 1997. The same test fishing site, located on the north bank of the Unalakleet River approximately three miles upstream from the river mouth (Figure 1), has been used since 1981.

Since 1981 similar test fishing set gillnet gear has been used. The net fished this season had a 5.875 inch stretch mesh size and was 20 fathoms in length. The net was hung at a 2:1 ratio and was constructed using light green #63 (210/18) multifilament twine, braided 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. Beginning on 6 July, every Sunday was taken off for the rest of the season. Labor Day on 2 September was also taken off. 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 ADF&G office at least daily. During the season, the catch per unit effort (CPUE) was calculated for each species. Cumulative CPUE was calculated beginning with the first 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 150 coho salmon from the Unalakleet Subdistrict. The commercial catch sampling goal for chum salmon from the Unalakleet Subdistrict was 250 samples collected from 15 June to 31 July. Test fish catch sampling goals were to collect age, sex and length data for 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

Inseason surveys of the king salmon subsistence catch are used as a subjective tool by fishery managers. The numerous subsistence nets located in the Unalakleet River mouth and in the ocean near the village of Unalakleet were monitored as indicators of king salmon passage. To obtain an additional index of the king salmon return, subsistence fishermen were interviewed daily from 2 to 27 June. Fishers were chosen for reliability and willingness to share catch information. Mean daily catches and locations were compared inseason in an effort to track the movement and magnitude of the king salmon return.

Postseason Subsistence Survey

The Division of Subsistence has conducted in-depth post-season subsistence salmon surveys in Norton Sound every year since 1994. The communities of Unalakleet, Stebbins and St. Michael were surveyed in the Unalakleet subdistrict and Southern Norton Sound. In 1997, researchers attempted to conduct interviews of all the households in the surveyed communities. The survey project provides subsistence

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

Data Analysis

All historical and current year CPUE data were expanded after the 1994 season (Rob, 1996a). CPUE data for 1995 and 1996 were also expanded after each season (Rob, 1996b and 1997). The 1997 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 193 king salmon (51% female, 49% male), 168 coho salmon (48% female, 52% male), 453 pink salmon, and 743 chum salmon (38% female, 62% male) were caught in the test net from 5 June to 11 September. Daily peak CPUE's (for days with 24 hours of fishing) occurred on 1 and 7 July for king salmon, on 14 August for coho salmon, on 23 July for pink salmon, and on 15 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 1997 was 266% of the 15 year (1982-1996) average. The commercial cumulative CPUE was 257% of the average (Table 2). The coho salmon test fish cumulative CPUE in 1997 was 65% of the 15 year (1982-1996) average. The commercial cumulative CPUE was 71% of the average (Table 3). The chum salmon test fish cumulative CPUE in 1997 was 82% of the 15 year (1982-1996) average. There were no directed chum salmon commercial fishing openings in 1997 (Table 4). The pink salmon test fish cumulative CPUE in 1997 was 119% of the (1983-1995) odd year average (Appendix Table 3). The pink salmon commercial catch statistics from previous years are not compared because of highly variable market conditions and run sizes.

Catch Sampling

Readable scales were collected from 110 king salmon, 57% of the king salmon caught at the test fish site. Four year old, age-1.2, king salmon contributed 35% of the sample. Five year old, age-1.3, king salmon contributed 13% of the sample. Six year old, age-1.4, king salmon contributed 51% of the sample. Seven year old, age-1.5, king salmon contributed <1% of the sample (Table 8). Readable scales were collected from 146 king salmon from the Unalakleet subdistrict commercial fishery. Four year old, age-1.2, king salmon contributed 31% of the sample. Five year old, age-1.3, king salmon contributed 14% of the sample. Six year old, age-1.4, king salmon contributed 54% of the sample. Seven year old, age-1.5, king salmon contributed <1% of the sample. Seven year old, age-2.4, king salmon contributed <1% of the sample (Table 9).

Readable scales were collected from 73 coho salmon, 43% of the coho salmon caught at the test fish site. Three year old, age-1.1, coho salmon contributed 14% of the sample. Four year old, age-2.1, coho salmon contributed 81% of the sample. Five year old, age-3.1, coho salmon contributed 5% of the sample (Table 10). Readable scales were collected from 134 coho salmon from the Unalakleet subdistrict commercial fishery. Three year old, age-1.1, coho salmon contributed 10% of the sample. Four year old, age-2.1, coho salmon contributed 86% of the sample. Five year old, age-3.1, coho salmon contributed 4% of the sample (Table 11).

Readable scales were collected from 285 chum salmon, 38% of the chum salmon caught at the test fish site. Three year old, age-0.2, chum salmon contributed <1% of the sample. Four year old, age-0.3, chum salmon contributed 26% of the sample. Five year old, age-0.4, chum salmon contributed 67% of the sample. Six year old, age-0.5, chum salmon contributed 5% of the sample. Seven year old, age-0.6, chum salmon contributed 1% of the sample (Table 12). Readable scales were collected from 250 chum salmon from the Unalakleet subdistrict commercial fishery. Three year old, age-0.2, chum salmon contributed <1% of the sample. Four year old, age-0.3, chum salmon contributed 31% of

the sample. Five year old, age-0.4, chum salmon contributed 64% of the sample. Six year old, age-0.5, chum salmon contributed 5% of the sample. (Table 13).

King Salmon Subsistence Survey

Near the mouth of the Unalakleet River subsistence fishing timing was earlier than normal and effort and catch was above average (Appendix Table 5).

Postseason Subsistence Survey

The Division of Subsistence surveyed 95% of the households in the Unalakleet subdistrict and Southern Norton Sound. The total expanded subsistence harvest estimate for 1997 was 34,251 salmon. The expanded subsistence harvest for 1997 was about 59% of the 1996 harvest, 64% of the 1995 harvest and 52% of the 1994 harvest (Table 6).

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 15 year average for each species show a correlation between the commercial and test fisheries, with some exceptions (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. The North River tower was reestablished in 1996 and was operated again this year; this is still a developing project. A king salmon radio tagging and tracking project was conducted by the ADF&G Division of Sport Fish in 1997. This project estimated proportions of the escapement migrating up the main stem of the Unalakleet River and the North River. The proportions provided a basis for expanding the North River tower count to estimate total escapement. Approximately 18,000 king salmon were estimated to

have escaped into the Unalakleet River in 1997. Sport Fish Division plans to conduct the project again in 1998. If the relative proportions of king salmon using the two major portions of the Unalakleet drainage are found to be similar to those estimated in 1997, the North River tower will be assumed to be providing a reliable index of king salmon abundance for the entire Unalakleet River drainage, and the counts can be expanded to provide a drainage wide estimate of abundance (Alfred DeCicco, Alaska Department of Fish & Game, Sport Fish Division, personal communication). 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. 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.

ACKNOWLEDGEMENTS

Brooke Everest was the project leader and Thomas Sherman was the crewmember for the entire season. Cheryl Yamamoto and Elisabeth Brennan conducted the post season subsistence survey and Susan Georgette compiled and analyzed the data. A draft of this report was reviewed by Larry Buklis.

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Table 1. Commercial salmon harvest by fishing period, Unalakleet Subdistrict, Norton Sound, 1997.

				King Salmon				Coho Salmon				Pink Salmon[c]				Chum Salmon[d]			
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	# of Chums	CPUE	Cumul-ative CPUE	C
1	6/12-6/13	24	35	1,283	1.53	1.53	14.2%	0				0				22	0.03		
2	6/16-6/17	24	33	1,022	1.29	2.82	25.6%	0				0				38	0.05		
3	6/19-6/21	48	34	3,052	1.87	4.69	59.5%	0				0				221	0.14		
4	6/23-6/25	48	38	2,064	1.13	5.82	82.4%	0				0				206	0.11		
5	6/26-6/28	48	28	973	0.72	6.54	93.2%	0				0				724	0.54		
6	6/30-7/2	48	24	421	0.37	6.91	97.8%	0				0				1,756	1.52		
7	7/3-7/5	48	7	147	0.44	7.35	99.5%	0				0				2,188	6.51		
8	7/7-7/12	120	4	31	0.06	7.41	99.8%	0				0				737	1.54		
9	7/14-7/16	48	1	9	0.19	7.60	99.9%	0				0				0	0.00		
10	7/17-7/19	48	2	7	0.07	7.67	100.0%	11				0				674	7.02		
11	7/21-7/23	48	11	4				194	0.37	0.37	0.8%	0				1,330	2.52		
12	7/24-7/26	48	0	0				0				0				0			
13	7/28-7/30	48	26	10				1,330	1.07	1.07	5.9%	0				1,467	1.18		
14	7/31-8/2	48	32	18				2,760	1.80	2.86	16.5%	0				1,898	1.24		
15	8/4-8/6	48	38	6				6,957	3.81	6.68	43.1%	0				2,624	1.44		
16	8/7-8/9	48	36	8				4,429	2.56	9.24	60.1%	0				1,255	0.73		
17	8/11-8/13	48	15	1				1,031	1.43	10.67	64.1%	0				238	0.33		
18	8/14-8/16	48	26	3				2,879	2.31	12.98	75.1%	0				543	0.44		
19	8/18-8/20	48	32	3				3,050	1.99	14.96	86.8%	0				688	0.45		
20	8/21-8/23	48	28	5				3,438	2.56	17.52	100.0%	0				530	0.39		
Totals				9,067		7.67		26,079		17.52		0				17,139			

[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] There were no directed pink salmon fishing periods in 1997.

[d] There were no directed chum salmon fishing periods in 1997.

Table 2. King salmon commercial catch and escapement data, Unalakleet Subdistrict, Norton Sound, 1981-1997.

Year	Commercial Catch	Commercial Cumulative CPUE	Commercial Cumulative CPUE as % of 1982-1996	Test Net Catch	Test Net Cummulative CPUE	Test Net Cumulative CPUE as % of 1982-1996	North River Tower Counts	Nor River Aerial Survey
1981	6,157							
1982	3,768	1.65	55%	22	2.74	85%		8
1983	7,022	2.65	89%	18	2.55	79%		347
1984	6,804	4.44	149%	41	3.63	113%	2,844	51
1985	12,621	4.75	159%	171	9.93	309%	1,426	703
1986	4,494	1.98	66%	49	2.19	68%	1,613	
1987	3,246	2.77	93%	42	2.23	69%		445
1988	2,218	1.64	55%	13	0.67	21%		
1989	4,402	2.74	92%	45	2.03	63%		
1990	5,998	3.64	122%	41	1.82	57%		255
1991	4,534	2.63	88%	33	1.71	53%		256
1992	3,402	1.72	58%	23	1.18	37%		329
1993	5,944	4.08	137%	91	4.61	144%		900
1994	4,400	5.07	170%	35	1.53	48%		
1995	7,617	2.15	72%	85	4.79	149%		
1996	3,644	2.84	95%	139	6.53	203%	1,197	212
1997	9,067	7.67	257%	193	8.52	266%	4,185	1,585
Average 1982-1996	5,341	2.98		57	3.21			

Table 3. Coho salmon commercial catch and escapement data, Unalakleet Subdistrict, Norton Sound, 1981-1997.

Year	Commercial Catch	Commercial Cumulative CPUE	Commercial Cumulative CPUE as % of 1982-1996 Average	Test Net Catch	Test Net Cummulative CPUE	Test Net Cumulative CPUE as % of 1982-1996 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	198%		4,145
1983	36,098	19.05	77%	184	16.25	118%		
1984	47,904	24.44	99%	259	25.30	184%		152
1985	15,421	14.16	57%	172	11.56	84%	2,045	
1986	20,580	12.69	51%	134	9.01	65%		
1987	15,097	10.02	40%	128	6.58	48%		680
1988	24,265	11.17	45%	172	9.26	67%		
1989	36,025	20.03	81%	181	9.82	71%		
1990	52,015	34.75	140%	254	14.01	102%		
1991	52,033	27.65	112%	152	8.46	61%		2,510
1992	84,449	42.40	171%	421	24.92	181%		398
1993	26,290	21.28	86%	138	7.28	53%		1,397
1994	71,019	51.96	210%	276	14.13	102%		
1995	31,280	23.43	95%	188	9.13	66%		
1996	52,027	35.12	142%	609	35.88	260%	1,229	1,834
1997	26,079	17.52	71%	168	9.00	65%	5,768	
Average 1982-1996	41,723	24.76		234	13.78			

Table 4. Chum salmon commercial catch and escapement data, Unalakleet Subdistrict, Norton Sound, 1981-1997.

Year	Commercial Catch	Commercial Cumulative CPUE	Commercial Cumulative CPUE as % of 1982-1996 Average	Test Net Catch	Test Net Cummulative CPUE	Test Net Cumulative CPUE as % of 1982-1996 Average	North River Tower Counts	North River Aerial Survey Counts
1981	39,186			1,104	46.00			599
1982	44,520	15.66	80%	340	57.85	121%		4,135
1983	109,220	43.90	225%	547	79.29	165%		
1984	43,317	22.25	114%	608	55.65	116%	2,915	1,625
1985	25,111	20.20	103%	819	44.75	93%	4,567	
1986	29,136	16.69	85%	806	49.49	103%	3,738	
1987	17,525	10.94	56%	608	29.61	62%		392
1988	25,364	16.15	83%	488	30.17	63%		
1989	20,825	17.01	87%	730	40.76	85%		
1990	23,659	14.62	75%	331	19.08	40%		1,345
1991	39,609	21.46	110%	735	40.57	85%		2,435
1992	52,547	26.60	136%	926	44.97	94%		
1993	28,156	19.37	99%	637	32.27	67%		445
1994	12,288	[a]	[a]	891	48.75	102%		
1995	24,843	9.20	47%	1,101	58.29	122%		
1996	7,369	[b]	[b]	1,424	87.43	182%	9,789	540
1997	17,139	[c]	[c]	743	39.34	82%	6,904	9,045
Average 2-1996	33,566	19.54		733	47.93			

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

[b] There were no directed chum salmon openings in 1996, so CPUE was not calculated.

[c] There were no directed chum salmon openings in 1997, so CPUE was not calculated.

Table 5. Pink salmon commercial catch and escapement data, Unalakleet Subdistrict, Norton Sound, 1994-1997.[a]

Year	Commercial Catch	Commercial Cumulative CPUE	Test Net Catch	Test Net Cummulative CPUE	North River Tower Counts	North River Aerial Survey Counts
1994	480,158	68.28	3,816	264.59		
1995	37,009	0.00	221	13.57		
1996	0	0.00	2,122	115.52	332,539	251,000
1997	0	0.00	453	24.94	127,926	17,870

[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, 1961-1997.

	Commercial Catches						Subsistence Catches						Combined Catches					
Year	King	Sockeye	Coho	Pink	Chum	Total	King	Sockeye	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	24	5,808	5,750	4,235	16,686	7,026	71	35,653	128,983	43,421	215,154
1982	3,768	2	61,343	142,856	44,520	252,489	913	2	7,037	20,045	4,694	32,691	4,681	4	68,380	162,901	49,214	285,180
1983	7,022	13	36,098	26,198	109,220	178,551	1,868	33	6,888	13,808	4,401	26,998	8,890	46	42,986	40,006	113,621	205,549
1984	6,804	6	47,904		43,317	98,031	1,650	1	6,675	17,418	3,348	29,092	8,454	7	54,579	17,418	46,665	127,123
1985	12,621	21	15,421	1	25,111	53,175	1,397	3	2,244	55	1,968	5,667	14,018	24	17,665	56	27,079	58,842
1986	4,494	153	20,580		30,239	55,466						[d]	4,494	153	20,580	0	30,239	55,466
1987	3,246	141	15,097	97	17,525	36,106						[d]	3,246	141	15,097	97	17,525	36,106
1988	2,218	157	24,232	23,730	25,363	75,700						[d]	2,218	157	24,232	23,730	25,363	75,700
1989	4,402	222	36,025		20,825	61,474			4,681	17,500	1,388	23,569 [e]	4,402	222	40,706	17,500	22,213	85,043
1990	5,998	358	52,015		23,659	82,030	2,476					2,476 [e]	8,474	358	52,015		23,659	84,506
1991	4,534	147	52,033		39,609	96,323						[d]	4,534	147	52,033		39,609	96,323
1992	3,409	229	84,449	6,284	52,547	146,918						[d]	3,409	229	84,449	6,284	52,547	146,918
1993	5,944	251	26,290	42,061	28,156	102,702						[d]	5,944	251	26,290	42,061	28,156	102,702
1994	4,400	71	71,019	480,158	12,288	567,936	5,294	819	16,081	31,572	12,732	66,498 [e,f]	9,694	890	87,100	511,730	25,020	634,434
1995	7,617	78	31,280	37,009	24,843	100,827	5,504	843	14,450	17,553	15,162	53,512 [e,f]	13,121	921	45,730	54,562	40,005	154,339
1996	3,644	0	52,027	113,837	7,369	176,877	5,180	614	15,856	19,749	16,224	57,623 [e,f]	8,824	614	67,883	133,586	23,593	234,500
1997	9,067	159	26,079	0	17,139	52,444	6,325	353	9,120	10,804	7,649	34,251 [e,f]	15,392	512	35,199	10,804	24,788	86,695
5 Year Average[a]	5,003	126	53,013	135,870	25,041	219,052												
10 Year Average[b]	4,541	165	44,447	100,454	25,218	144,689												

[a] 1992-1996
[b] 1987-1996

[c] Subsistence catches 1966-1972 include fish taken at St. Michael.
[d] Subsistence surveys were not conducted.

[e] In-depth survey by the Subsistence Division.
[f] Subsistence catches 1994-1997 include fish taken at Stebbins and St. Michael.

Table 7. Dates of the commercial and test fish mean cumulative proportion, Unalakleet Subdistrict, Norton Sound, 1981-1997.

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

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

[b] There were no directed chum salmon openings in 1996 and 1997, so CPUE was not calculated.

Table 8. King salmon test fish age and sex composition and mean length, Unalakleet River, Norton Sound, 1997.

		Brood Year and (Age Group)					
		1994 (1.1)	1993 (1.2)	1992 (1.3)	1991 (1.4)	1990 (1.5)	Total
Stratum Dates:							
Sampling Dates:	6/06-7/06						
Sample Size:	110						
Female	Percent of Sample	0.0%	7.3%	6.4%	36.4%	0.9%	50.9%
	Number in Catch	0	8	7	40	1	56
	Mean length (mm) [a]		606.0	808.0	873.0	895.0	
Male	Percent of Sample	0.0%	28.2%	6.4%	14.5%	0.0%	49.1%
	Number in Catch	0	31	7	16	0	54
	Mean length (mm) [a]		621.0	735.0	839.0		
Total	Percent of Sample	0.0%	35.5%	12.7%	50.9%	0.9%	100.0%
	Number in Catch	0	39	14	56	1	110
	Standard Error	0	0	0	0	0	

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

Table 9. King salmon commercial catch age and sex composition and mean length, Unalakleet Subdistrict, Norton Sound, 1997.

		Brood Year and (Age Group)					
		1993 (1.2)	1992 (1.3)	1991 (1.4)	1990 (1.5)	(2.4)	Total
Stratum Dates:							
Sampling Dates:	6/17-6/24						
Sample Size:	146						
Female	Percent of Sample	4.8%	4.8%	37.0%	0.7%	0.7%	47.9%
	Number in Catch	7	7	54	1	1	70
	Mean length (mm) [a]	763.6	807.1	874.5	920.0	860.0	
Male	Percent of Sample	26.0%	8.9%	17.1%	0.0%	0.0%	52.1%
	Number in Catch	38	13	25	0	0	76
	Mean length (mm) [a]	607.5	724.6	824.8			
Total	Percent of Sample	30.8%	13.7%	54.1%	0.7%	0.7%	100.0%
	Number in Catch	45	20	79	1	1	146

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

Table 10. Coho salmon test fish age and sex composition and mean length, Unalakleet River, Norton Sound. 1997.

		Brood Year and (Age Group)			
		1994 (1.1)	1993 (2.1)	1992 (3.1)	Total
Stratum Dates:					
Sampling Dates:	8/4-8/29				
Sample Size:	73				
Female	Percent of Sample	6.8%	39.7%	1.4%	47.9%
	Number in Catch	5	29	1	35
	Mean length (mm) [a]	608.0	595.2	565.0	
Male	Percent of Sample	6.8%	41.1%	4.1%	52.1%
	Number in Catch	5	30	3	38
	Mean length (mm) [a]	596.2	588.5	578.3	
Total	Percent of Sample	13.7%	80.8%	5.5%	100.0%
	Number in Catch	10	59	4	73

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

Table 11. Coho salmon commercial catch age and sex composition and mean length, Unalakleet Subdistrict, Norton Sound, 1997.

		Brood Year and (Age Group)			
		1994 (1.1)	1993 (2.1)	1992 (3.1)	Total
Stratum Dates:					
Sampling Dates:	8/5-8/12/97				
Sample Size:	134				
Female	Percent of Sample	3.0%	48.5%	2.2%	53.7%
	Number in Catch	4	65	3	72
	Mean length (mm) a	571.3	573.6	586.7	
Male	Percent of Sample	7.5%	37.3%	1.5%	46.3%
	Number in Catch	10	50	2	62
	Mean length (mm) a	560.5	576.4	565.0	
Total	Percent of Sample	10.4%	85.8%	3.7%	100.0%
	Number in Catch	14	115	5	134

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

Table 12. Chum salmon test fish age and sex composition and mean length, Unalakleet River, Norton Sound, 1997.

		Brood Year and (Age Group)					
		1994 (0.2)	1993 (0.3)	1992 (0.4)	1991 (0.5)	1990 (0.6)	Total
Stratum Dates:							
Sampling Dates:	6/15-7/30						
Sample Size:	285						
Female	Percent of Sample	0.0%	8.4%	26.7%	1.4%	1.1%	37.5%
	Number in Catch	0	24	76	4	3	107
	Mean length (mm) a		588.1	603.8	603.8	598.3	
Male	Percent of Sample	0.4%	17.5%	40.7%	3.9%	0.0%	62.5%
	Number in Catch	1	50	116	11	0	178
	Mean length (mm) a	575.0	601.6	625.0	630.5		
Total	Percent of Sample	0.4%	26.0%	67.4%	5.3%	1.1%	100.0%
	Number in Catch	1	74	192	15	3	285

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

Table 13. Chum salmon commercial catch age and sex composition and mean length, Unalakleet Subdistrict, Norton Sound, 1997.

		Brood Year and (Age Group)					
		1994 (0.2)	1993 (0.3)	1992 (0.4)	1991 (0.5)	1990 (0.6)	Total
Stratum Dates:							
Sampling Dates:	7/1-8/1						
Sample Size:	250						
Female	Percent of Sample	0.0%	12.8%	26.4%	2.4%	0.0%	41.6%
	Number in Catch	0	32	66	6	0	104
	Mean length (mm) a		554.1	588.9	611.7		
Male	Percent of Sample	0.8%	18.0%	37.2%	2.4%	0.0%	58.4%
	Number in Catch	2	45	93	6	0	146
	Mean length (mm) a	563	568.8	590.5	612.5		
Total	Percent of Sample	0.8%	30.8%	63.6%	4.8%	0.0%	100.0%
	Number in Catch	2	77	159	12	0	250

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

Figure 1. Area location map of the Unalakleet River escapement projects, Norton Sound, 1997.

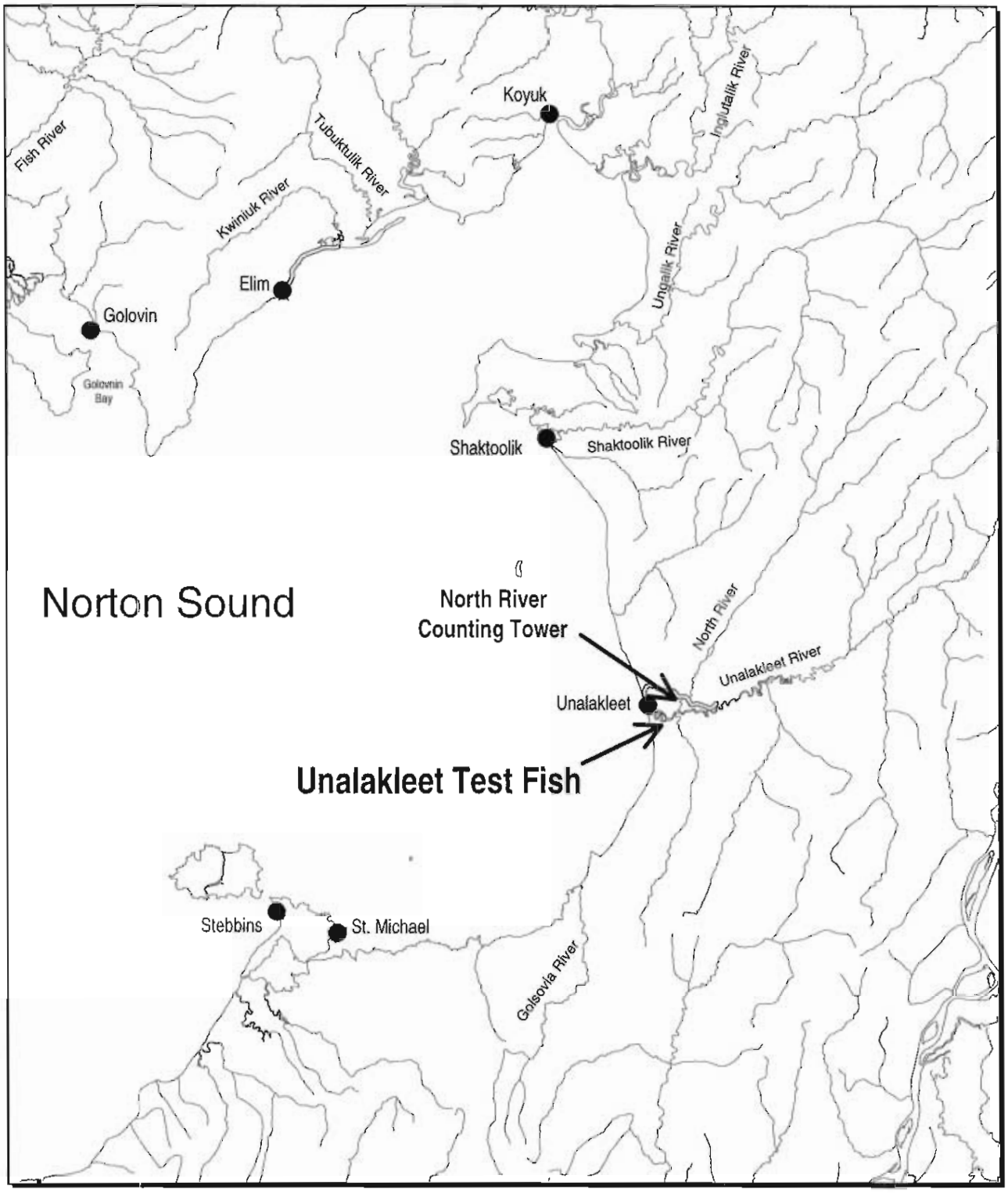


Figure 2. Comparison of king salmon commercial and test fish cumulative CPUE by year as a percentage of the 15 year average (1982-1996), Unalakleet Subdistrict, Norton Sound.

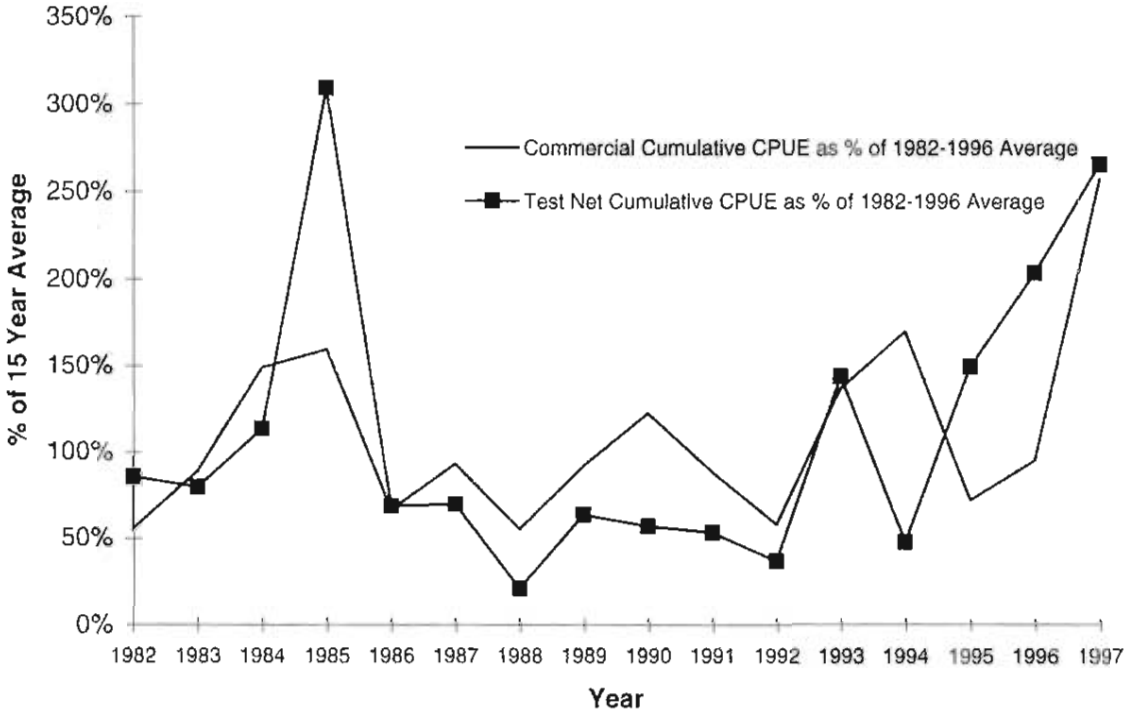


Figure 3. The 1997 cumulative king salmon test fishing CPUE compared to the previous 15 year average (1982-1996), Unalakleet River, Norton Sound.

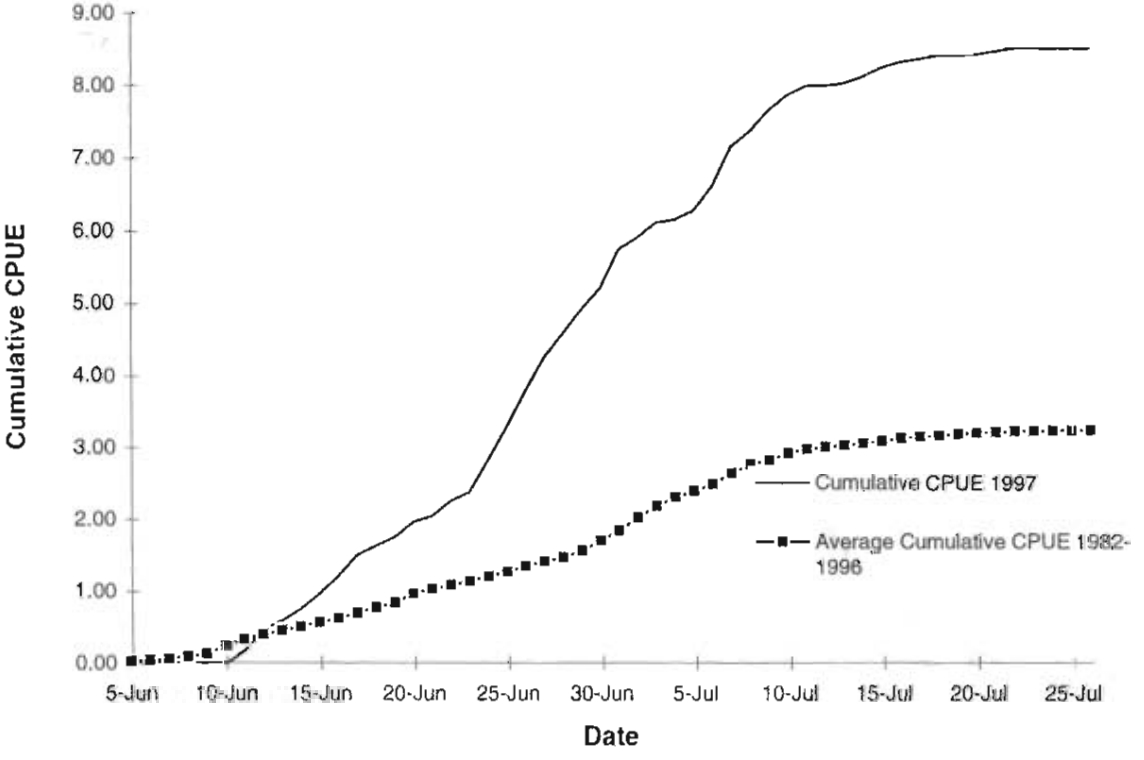


Figure 4. Comparison of coho salmon commercial and test fish cumulative CPUE by year as a percentage of the 15 year average (1982-1996), Unalakleet Subdistrict, Norton Sound.

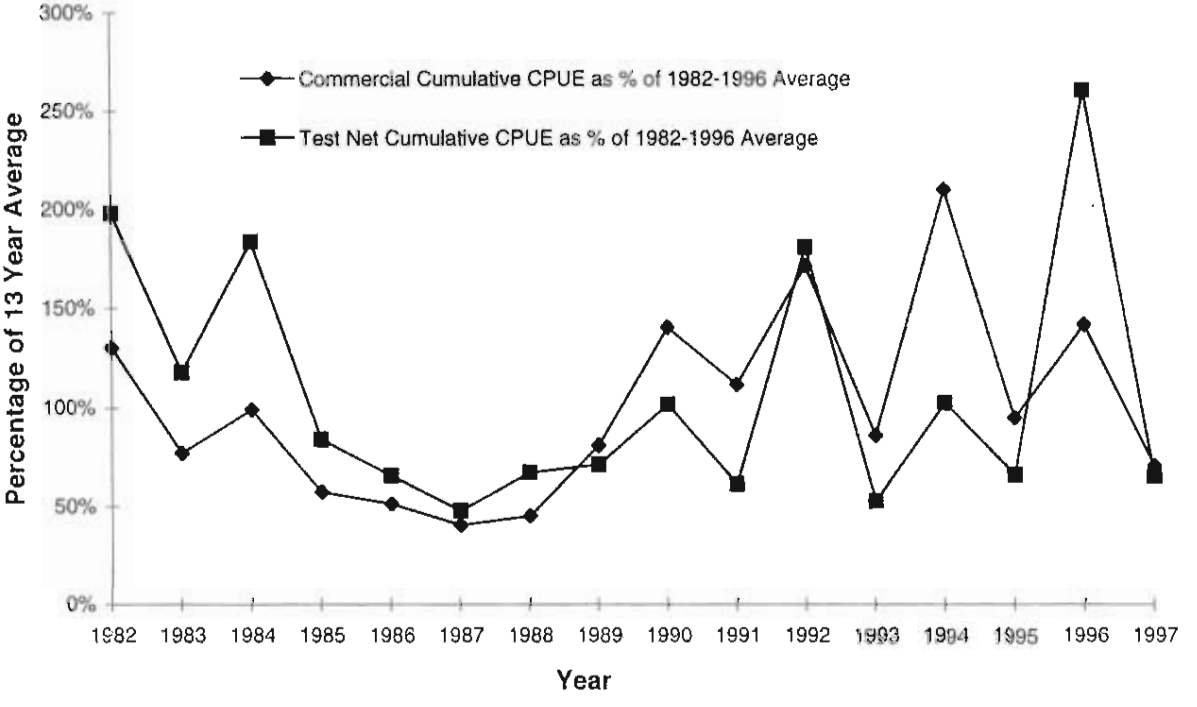
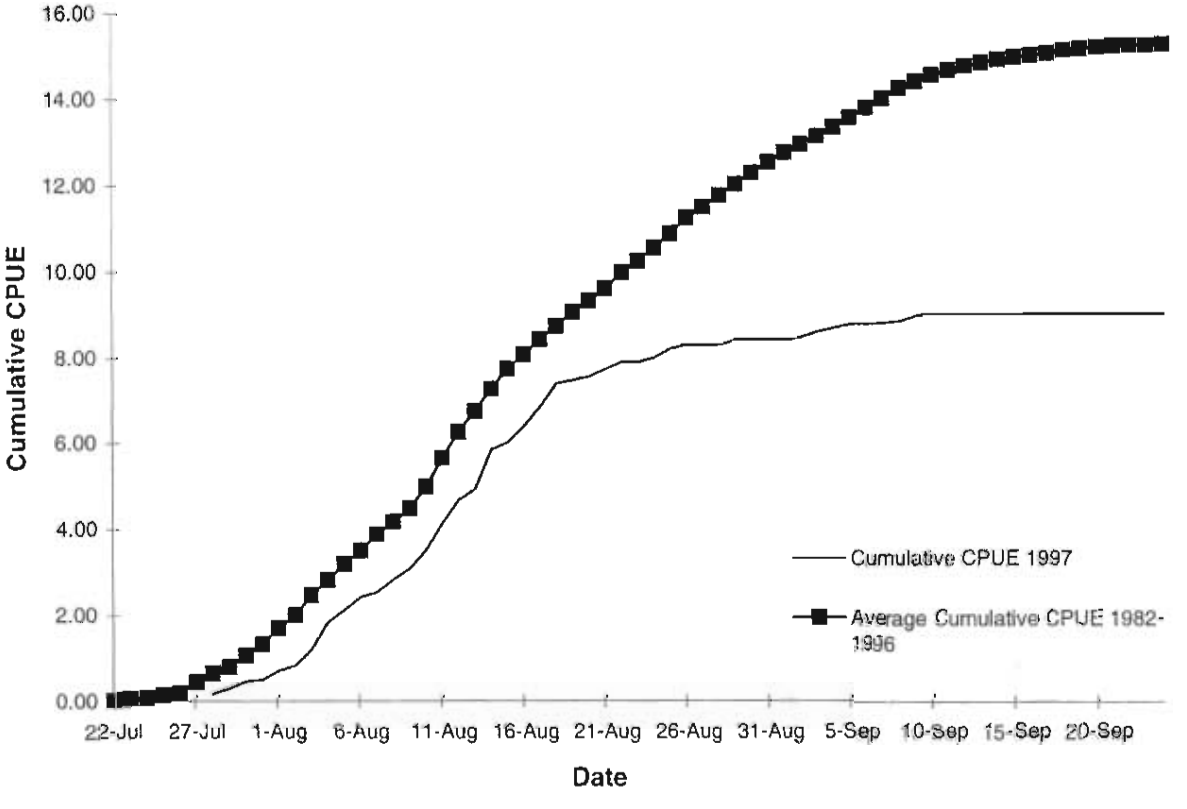


Figure 5. The 1997 cumulative coho salmon test fishing CPUE compared to the previous 15 year average (1982-1996), Unalakleet River, Norton Sound.



.gure 6. The 1997 cumulative pink salmon test fishing CPUE compared to the odd year average (1983-1995), Unalakleet River, Norton Sound.

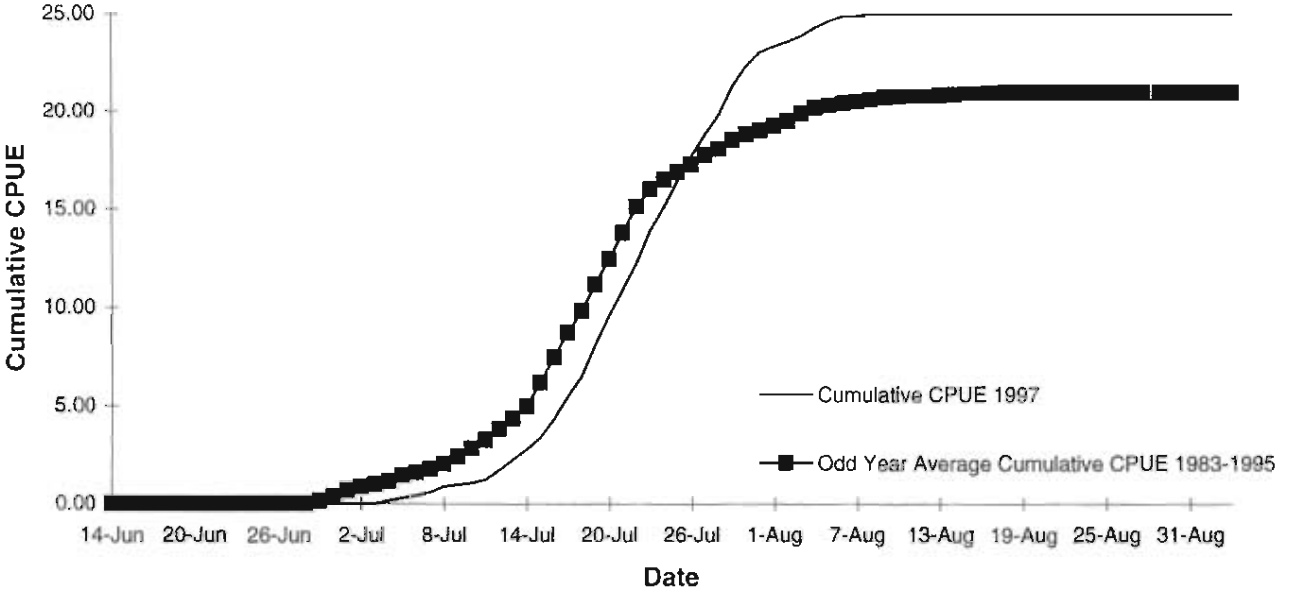
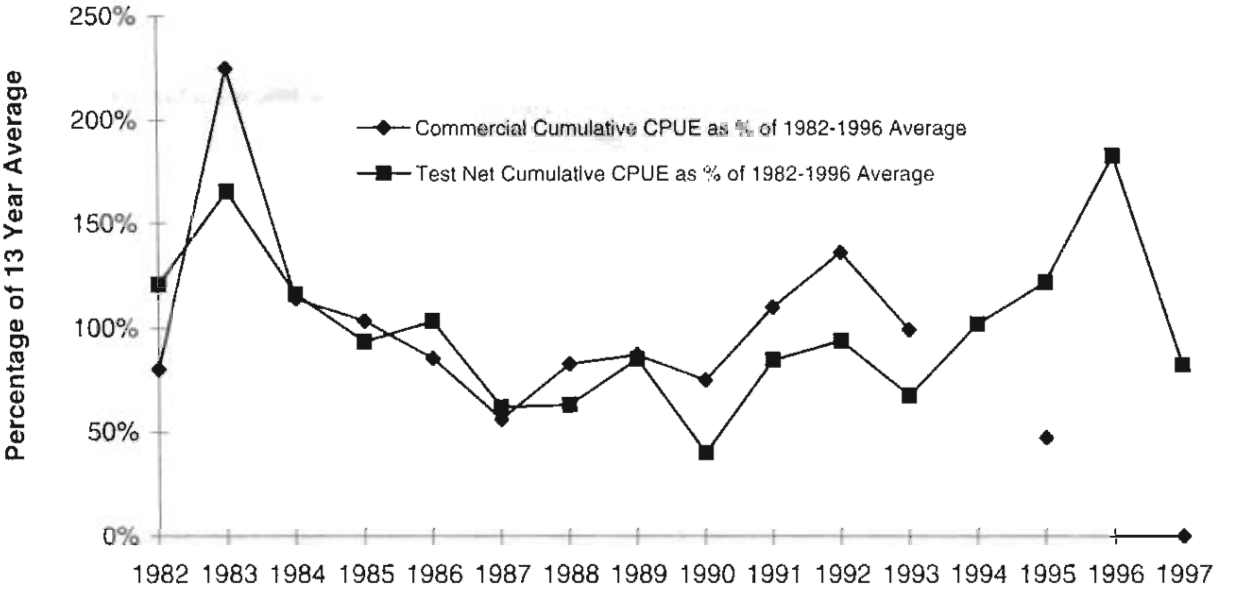


Figure 7. Comparison of chum salmon commercial and test fish cumulative CPUE[a] by year as a percentage of the 1982-1995 average (excluding 1994), Unalakleet Subdistrict, Norton Sound.



[a] Commercial CPUE was not calculated for 1994,1996 and 1997.

Figure 8. The 1997 cumulative chum salmon test fishing CPUE compared to the previous 15 year average (1982-1996), Unalakleet River, Norton Sound.

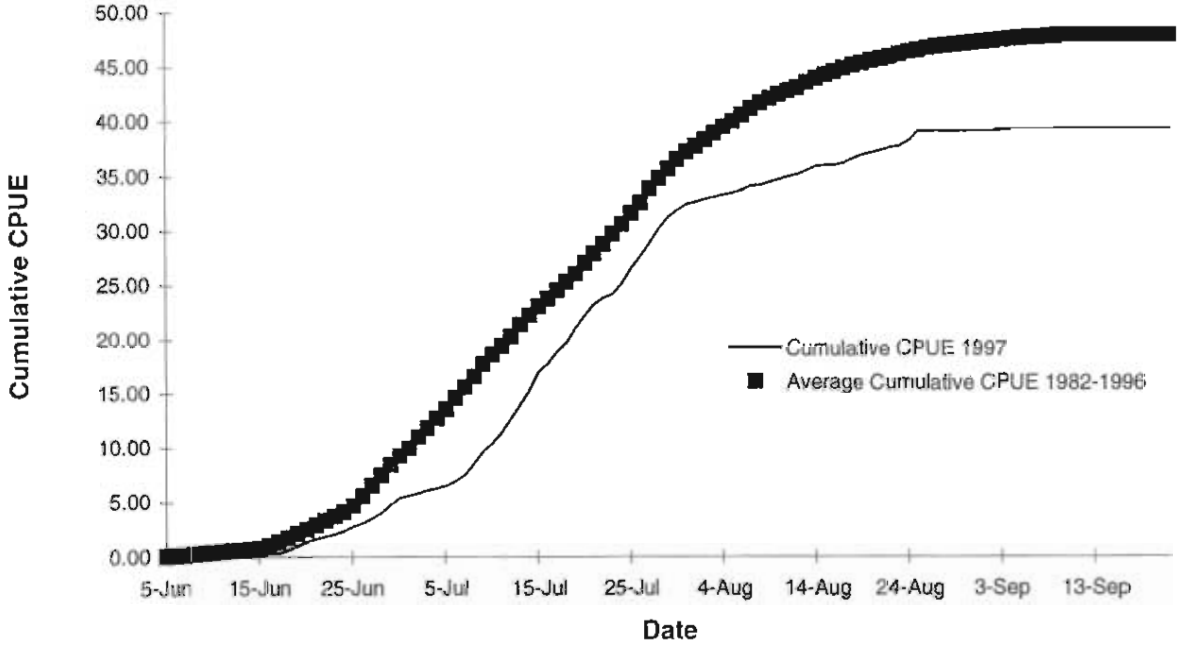


Figure 9. King salmon commercial and test fish cumulative proportion curves showing run- timing by date, Unalakleet Subdistrict, Norton Sound, 1997.

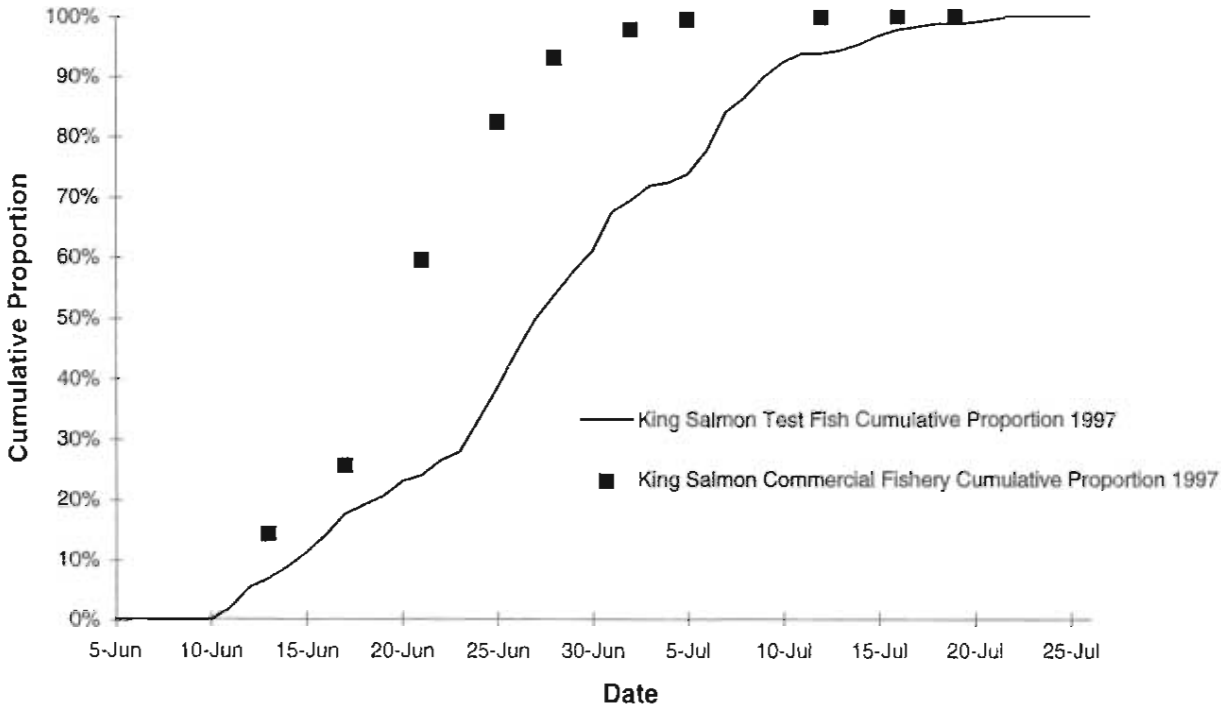


Figure 10. King salmon test fish cumulative proportion run-timing for 1997 compared with the previous 15 year average (1982-1996), Unalakleet River, Norton Sound.

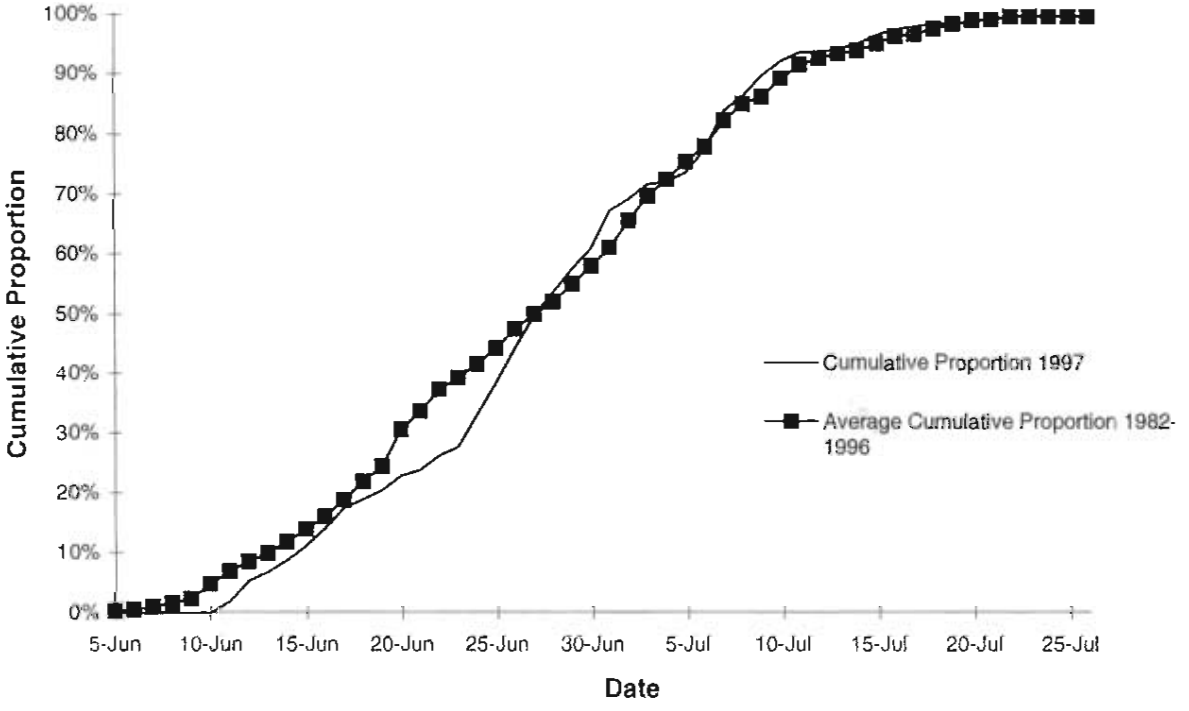


Figure 11. Coho salmon commercial and test fish cumulative proportion curves showing run-timing by date, Unalakleet Subdistrict, Norton Sound, 1997.

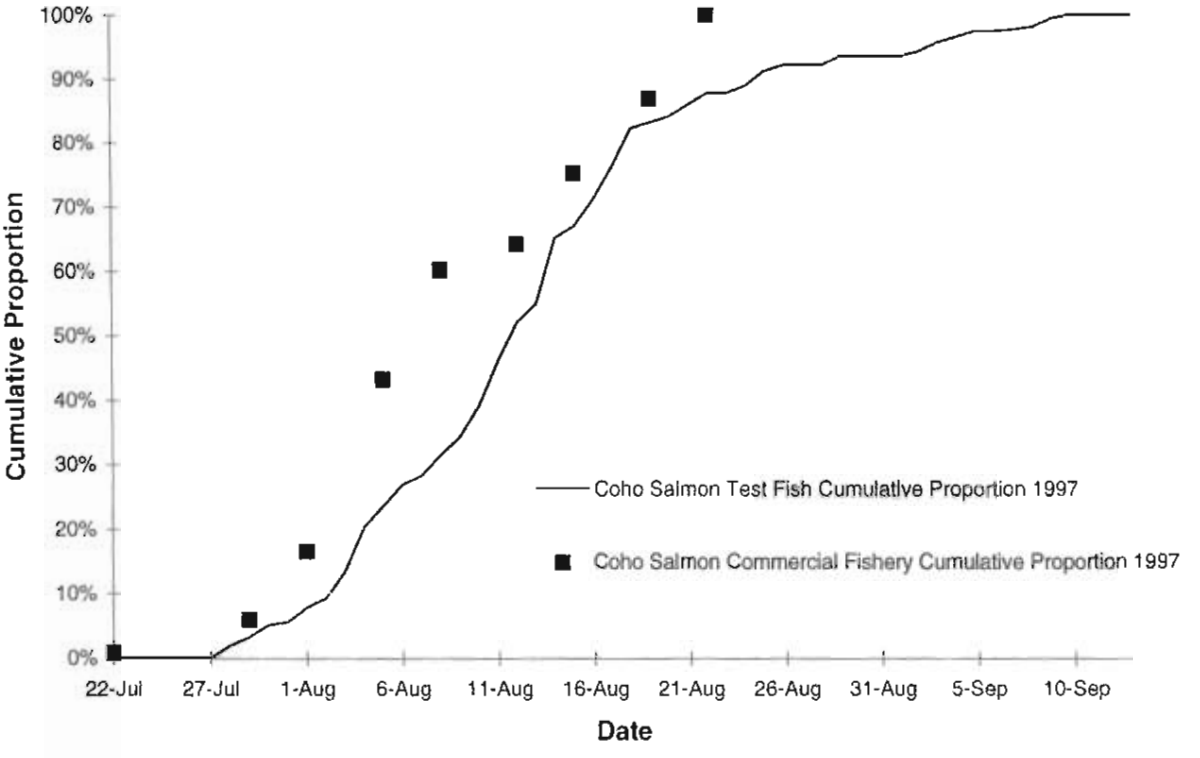


Figure 12. Coho salmon test fish cumulative proportion run-timing for 1997 compared with the 15 year average cumulative proportion (1982-1996), Unalakleet River, Norton Sound.

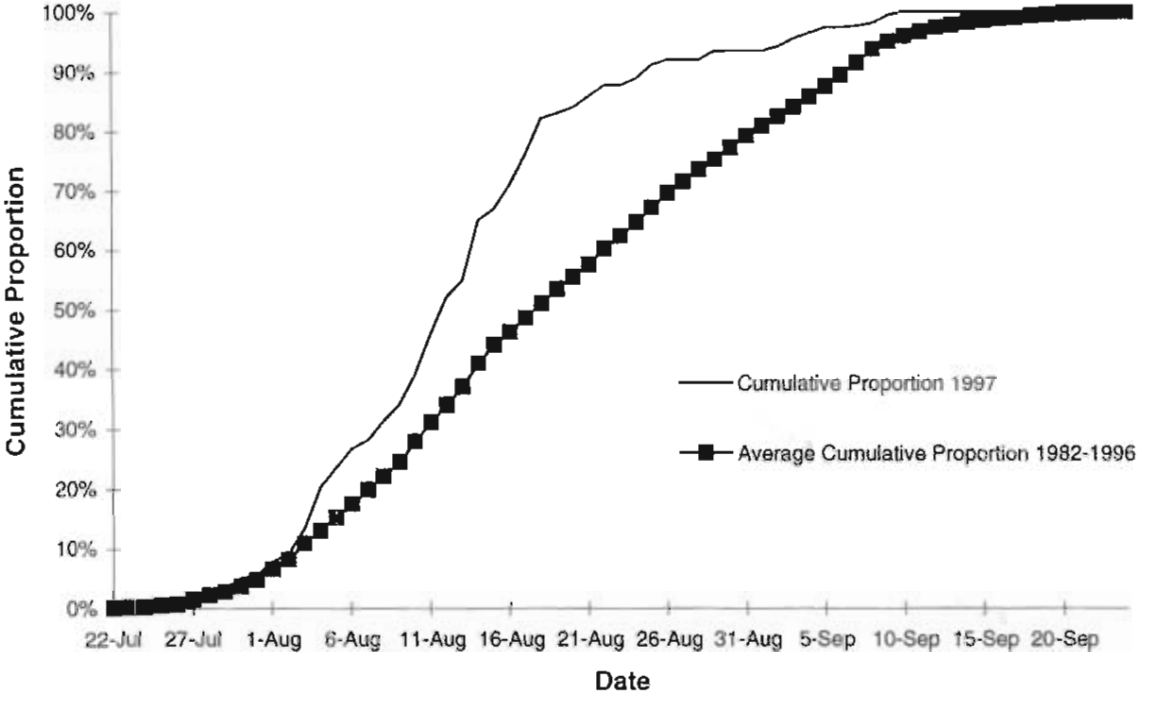


Figure 13. Chum salmon test fish cumulative proportion run-timing for 1997 compared with the 15 year average cumulative proportion (1982-1996), Unalakleet River, Norton Sound.

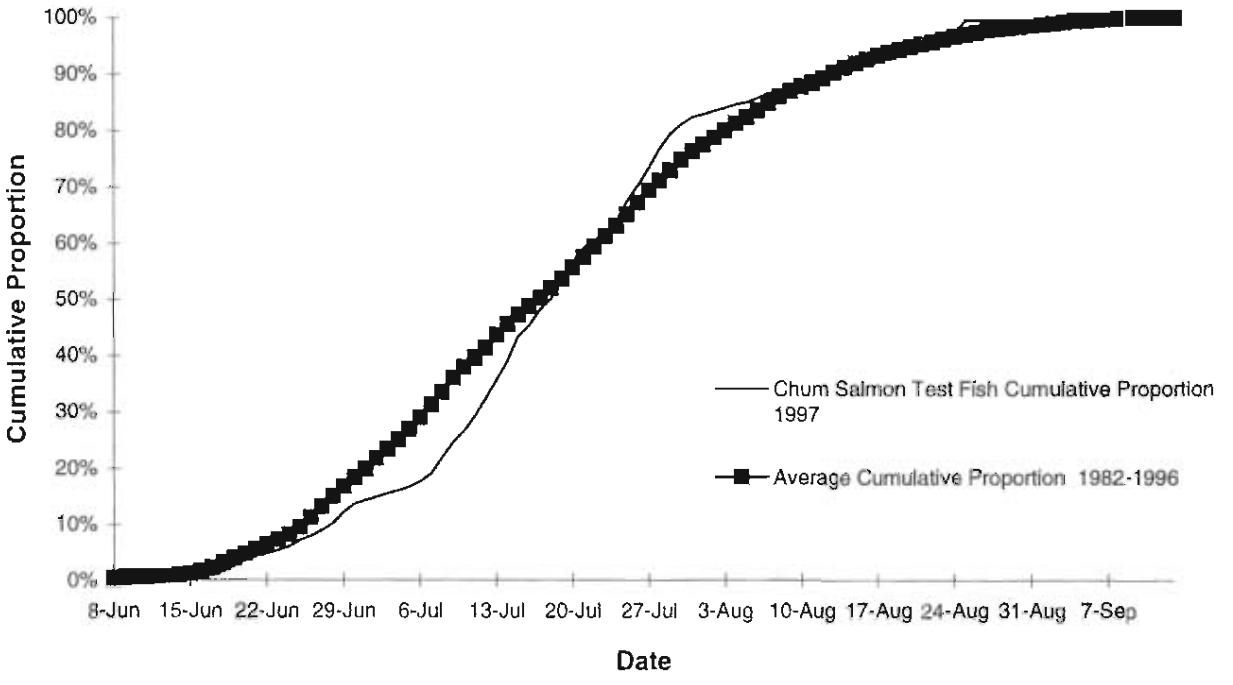
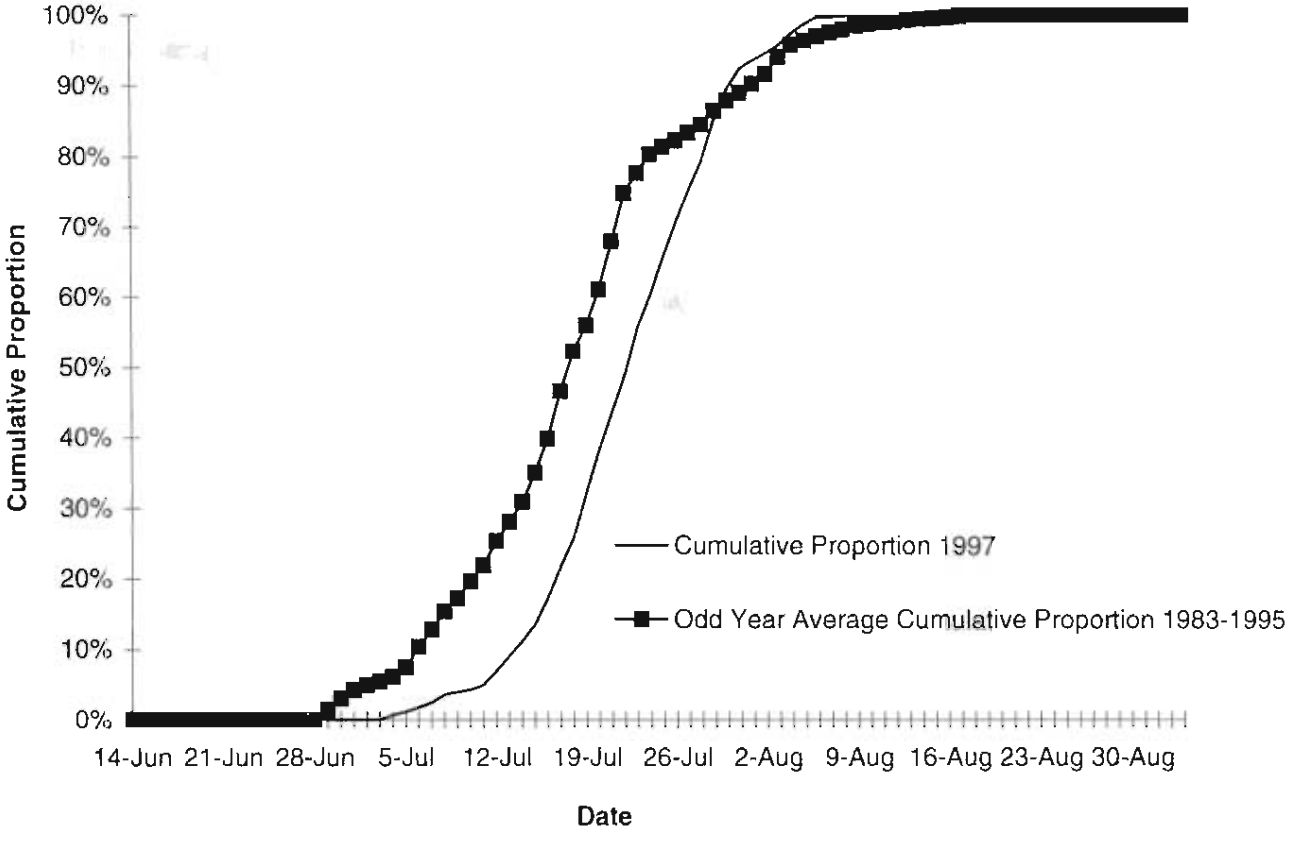


Figure 14. Pink salmon test fish cumulative proportion run-timing for 1997 compared with the odd yea average cumulative proportion (1983-1995), Unalakleet River, Norton Sound.



Appendix Table 1. Test fishing catches of king salmon in 5 7/8" mesh set gillnet,Unalakleet River, Norton Sound, 1982-1997.

1982 King Salmon[a]

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion
5-Jun			0.00	0.00	0%
6-Jun			0.00	0.00	0%
7-Jun			0.00	0.00	0%
8-Jun			0.00	0.00	0%
9-Jun			0.00	0.00	0%
10-Jun			0.00	0.00	0%
11-Jun			0.00	0.00	0%
12-Jun			0.00	0.00	0%
13-Jun			0.00	0.00	0%
14-Jun			0.00	0.00	0%
15-Jun			0.00	0.00	0%
16-Jun	24.0	1	0.04	0.04	2%
17-Jun	No Fishing		0.13	0.17	6%
18-Jun	24.0	5	0.21	0.38	14%
19-Jun	No Fishing		0.27	0.65	24%
20-Jun	12.0	4	0.33	0.98	36%
21-Jun	No Fishing		0.25	1.23	45%
22-Jun	12.0	2	0.17	1.40	51%
23-Jun	12.0	2	0.17	1.56	57%
24-Jun	No Fishing		0.13	1.69	62%
25-Jun	11.9	1	0.08	1.77	65%
26-Jun	No Fishing		0.13	1.90	69%
27-Jun	12.0	2	0.17	2.06	75%
28-Jun	No Fishing		0.12	2.19	80%
29-Jun	12.2	1	0.08	2.27	83%
30-Jun	13.5	2	0.15	2.42	88%
1-Jul	No Fishing		0.16	2.58	94%
2-Jul	12.0	2	0.17	2.74	100%
3-Jul			0.00	2.74	100%
4-Jul			0.00	2.74	100%
5-Jul			0.00	2.74	100%
6-Jul			0.00	2.74	100%
7-Jul			0.00	2.74	100%
8-Jul			0.00	2.74	100%
9-Jul			0.00	2.74	100%
10-Jul			0.00	2.74	100%
11-Jul			0.00	2.74	100%
12-Jul			0.00	2.74	100%
13-Jul			0.00	2.74	100%
14-Jul			0.00	2.74	100%
15-Jul			0.00	2.74	100%
16-Jul			0.00	2.74	100%
17-Jul			0.00	2.74	100%
18-Jul			0.00	2.74	100%
19-Jul			0.00	2.74	100%
20-Jul			0.00	2.74	100%
21-Jul			0.00	2.74	100%
22-Jul			0.00	2.74	100%
23-Jul			0.00	2.74	100%
24-Jul			0.00	2.74	100%
25-Jul			0.00	2.74	100%
26-Jul			0.00	2.74	100%
Totals	145.6	22			
	Mean cumulative proportion date				6/22/82

1983 King Salmon[a]

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion
		0.00	0.00	0%
		0.00	0.00	0%
12.6	1	0.08	0.08	3%
12.7	1	0.08	0.16	6%
No Fishing		0.04	0.20	8%
11.4	0	0.00	0.20	8%
No Fishing		0.09	0.29	11%
11.3	2	0.18	0.46	18%
No Fishing		0.17	0.64	25%
11.9	2	0.17	0.80	31%
11.6	1	0.09	0.89	35%
No Fishing		0.13	1.02	40%
11.6	2	0.17	1.19	47%
No Fishing		0.09	1.28	50%
11.8	0	0.00	1.28	50%
No Fishing		0.04	1.32	52%
11.8	1	0.08	1.40	55%
11.7	1	0.09	1.49	58%
No Fishing		0.04	1.53	60%
11.6	0	0.00	1.53	60%
No Fishing		0.08	1.62	63%
11.9	2	0.17	1.79	70%
No Fishing		0.13	1.91	75%
11.8	1	0.08	2.00	78%
11.5	2	0.17	2.17	85%
No Fishing		0.13	2.30	90%
11.9	1	0.08	2.38	93%
No Fishing		0.08	2.47	97%
11.9	1	0.08	2.55	100%
		0.00	2.55	100%
		0.00	2.55	100%
		0.00	2.55	100%
		0.00	2.55	100%
		0.00	2.55	100%
		0.00	2.55	100%
		0.00	2.55	100%
		0.00	2.55	100%
		0.00	2.55	100%
		0.00	2.55	100%
		0.00	2.55	100%
		0.00	2.55	100%
		0.00	2.55	100%
		0.00	2.55	100%
		0.00	2.55	100%
		0.00	2.55	100%
		0.00	2.55	100%
		0.00	2.55	100%
		0.00	2.55	100%
		0.00	2.55	100%
		0.00	2.55	100%
		0.00	2.55	100%
		0.00	2.55	100%
		0.00	2.55	100%
		0.00	2.55	100%
		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)	Cumul-ative CPUE	Cumulative Proportion
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		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%
169.1	41			
Mean cumulative proportion date				7/4/84

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

- continued -

Appendix Table 1. (page 2 of 6)

1985 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			0.00	0.00	0%
21-Jun			0.00	0.00	0%
22-Jun			0.00	0.00	0%
23-Jun			0.00	0.00	0%
24-Jun			0.00	0.00	0%
25-Jun			0.00	0.00	0%
26-Jun	23.0	1	0.04	0.04	0%
27-Jun	24.5	0	0.00	0.04	0%
28-Jun	23.7	0	0.00	0.04	0%
29-Jun	24.1	2	0.08	0.13	1%
30-Jun	23.7	18	0.76	0.89	9%
1-Jul	9.8	8	0.82	1.70	17%
2-Jul	7.0	10	1.43	3.13	32%
3-Jul	24.0	13	0.54	3.67	37%
4-Jul	23.0	14	0.61	4.28	43%
5-Jul	23.9	9	0.38	4.66	47%
6-Jul	9.2	2	0.22	4.88	49%
7-Jul	No Fishing		0.58	5.46	55%
8-Jul	23.2	22	0.95	6.41	65%
9-Jul	24.1	14	0.58	6.99	70%
10-Jul	23.9	13	0.54	7.53	76%
11-Jul	24.1	5	0.21	7.74	78%
12-Jul	24.4	5	0.20	7.94	80%
13-Jul	8.6	1	0.12	8.06	81%
14-Jul	No Fishing		0.20	8.26	83%
15-Jul	24.3	7	0.29	8.55	86%
16-Jul	23.9	8	0.33	8.88	90%
17-Jul	24.3	5	0.21	9.09	92%
18-Jul	33.8	3	0.09	9.18	92%
19-Jul	24.1	4	0.17	9.35	94%
20-Jul	No Fishing		0.14	9.49	96%
21-Jul	No Fishing		0.14	9.64	97%
22-Jul	24.2	3	0.12	9.76	98%
23-Jul	24.9	1	0.04	9.80	99%
24-Jul	23.1	2	0.09	9.89	100%
25-Jul	23.7	0	0.00	9.89	100%
26-Jul	24.6	1	0.04	9.93	100%
Totals	595.1	171			
	Mean cumulative proportion date				7/7/85

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%
		0.00	0.00	0%
		0.00	0.00	0%
23.9	1	0.04	0.04	2%
24.2	2	0.08	0.12	6%
24.1	3	0.12	0.25	11%
24.0	2	0.08	0.33	15%
23.9	2	0.08	0.42	19%
24.3	2	0.08	0.50	23%
23.9	2	0.08	0.58	27%
23.7	2	0.08	0.67	30%
24.0	4	0.17	0.83	38%
25.0	6	0.24	1.07	49%
24.0	1	0.04	1.11	51%
12.1	0	0.00	1.11	51%
No Fishing		0.00	1.11	51%
24.0	0	0.00	1.11	51%
24.1	0	0.00	1.11	51%
23.9	0	0.00	1.11	51%
24.1	0	0.00	1.11	51%
23.9	0	0.00	1.11	51%
12.2	1	0.08	1.20	55%
No Fishing		0.12	1.32	60%
24.4	4	0.16	1.48	68%
24.5	2	0.08	1.57	71%
23.8	2	0.08	1.65	75%
23.9	9	0.38	2.03	92%
24.2	3	0.12	2.15	98%
12.4	0	0.00	2.15	98%
No Fishing		0.00	2.15	98%
24.6	0	0.00	2.15	98%
23.0	1	0.04	2.19	100%
		0.00	2.19	100%
		0.00	2.19	100%
		0.00	2.19	100%
		0.00	2.19	100%
		0.00	2.19	100%
		0.00	2.19	100%
		0.00	2.19	100%
		0.00	2.19	100%
		0.00	2.19	100%
		0.00	2.19	100%
		0.00	2.19	100%
590.1	49			
Mean cumulative proportion date				6/27/86

1987 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%
11.8	1	0.08	0.08	4%
No Fishing		0.04	0.13	6%
23.6	0	0.00	0.13	6%
23.9	0	0.00	0.13	6%
24.0	0	0.00	0.13	6%
24.1	2	0.08	0.21	9%
24.2	0	0.00	0.21	9%
No Fishing		0.06	0.27	12%
48.0	6	0.13	0.40	18%
23.9	0	0.00	0.40	18%
24.1	0	0.00	0.40	18%
23.7	0	0.00	0.40	18%
24.0	4	0.17	0.56	25%
24.0	2	0.08	0.65	29%
No Fishing		0.07	0.72	32%
47.6	3	0.06	0.78	35%
24.5	0	0.00	0.78	35%
24.0	4	0.17	0.95	43%
24.1	2	0.08	1.03	46%
24.0	1	0.04	1.08	48%
24.3	6	0.25	1.32	59%
11.2	4	0.36	1.68	75%
No Fishing		0.20	1.88	84%
23.3	1	0.04	1.92	86%
23.9	3	0.13	2.05	92%
No Fishing		0.07	2.12	95%
48.4	1	0.02	2.14	96%
23.8	1	0.04	2.18	98%
10.9	0	0.00	2.18	98%
No Fishing		0.00	2.18	98%
24.2	0	0.00	2.18	98%
23.8	0	0.00	2.18	98%
24.0	1	0.04	2.23	100%
		0.00	2.23	100%
		0.00	2.23	100%
		0.00	2.23	100%
		0.00	2.23	100%
681.3	42			
Mean cumulative proportion date				7/10/87

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

- continued -

Appendix Table 1. (Page 3 of 6)

1988 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	24.3	1	0.04	0.04	6%
21-Jun	23.9	2	0.08	0.12	19%
22-Jun	24.0	3	0.13	0.25	37%
23-Jun	24.2	0	0.00	0.25	37%
24-Jun	23.7	1	0.04	0.29	43%
25-Jun	9.0	0	0.00	0.29	43%
26-Jun	No Fishing		0.02	0.31	46%
27-Jun	24.1	1	0.04	0.35	53%
28-Jun	No Fishing		0.03	0.38	57%
29-Jun	53.0	1	0.02	0.40	60%
30-Jun	19.1	0	0.00	0.40	60%
1-Jul	24.2	0	0.00	0.40	60%
2-Jul	10.3	1	0.10	0.50	74%
3-Jul	No Fishing		0.05	0.55	81%
4-Jul	24.2	0	0.00	0.55	81%
5-Jul	24.0	2	0.08	0.63	94%
6-Jul	24.0	0	0.00	0.63	94%
7-Jul	24.1	0	0.00	0.63	94%
8-Jul	23.9	1	0.04	0.67	100%
9-Jul	11.6	0	0.00	0.67	100%
10-Jul	No Fishing		0.00	0.67	100%
11-Jul	24.4	0	0.00	0.67	100%
12-Jul	23.9	0	0.00	0.67	100%
13-Jul	23.9	0	0.00	0.67	100%
14-Jul	23.9	0	0.00	0.67	100%
15-Jul	24.1	0	0.00	0.67	100%
16-Jul	10.8	0	0.00	0.67	100%
17-Jul	No Fishing		0.00	0.67	100%
18-Jul	24.1	0	0.00	0.67	100%
19-Jul	24.0	0	0.00	0.67	100%
20-Jul	24.0	0	0.00	0.67	100%
21-Jul	24.2	0	0.00	0.67	100%
22-Jul	24.0	0	0.00	0.67	100%
23-Jul	25.4	0	0.00	0.67	100%
24-Jul			0.00	0.67	100%
25-Jul			0.00	0.67	100%
26-Jul			0.00	0.67	100%
Totals	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%
		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%
		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%
		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%
22.9	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%
		0.00	1.82	100%
425.2	41			
Mean cumulative proportion date				6/20/90

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

- continued -

Appendix Table 1. (Page 4 of 6)

1991 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	22.0	4	0.18	0.18	11%
11-Jun	23.6	2	0.08	0.27	16%
12-Jun	24.0	1	0.04	0.31	18%
13-Jun	24.0	0	0.00	0.31	18%
14-Jun	24.0	1	0.04	0.35	21%
15-Jun	23.9	3	0.13	0.48	28%
16-Jun	24.0	0	0.00	0.48	28%
17-Jun	24.2	2	0.08	0.56	33%
18-Jun	23.5	2	0.09	0.64	38%
19-Jun	23.8	0	0.00	0.64	38%
20-Jun	24.0	0	0.00	0.64	38%
21-Jun	24.1	1	0.04	0.68	40%
22-Jun	24.1	0	0.00	0.68	40%
23-Jun	24.0	1	0.04	0.73	43%
24-Jun	23.9	4	0.17	0.89	52%
25-Jun	24.0	3	0.13	1.02	60%
26-Jun	24.0	1	0.04	1.06	62%
27-Jun	24.1	0	0.00	1.06	62%
28-Jun	24.0	1	0.04	1.10	65%
29-Jun	9.1	2	0.22	1.32	77%
30-Jun	No Fishing		0.17	1.50	88%
1-Jul	23.6	3	0.13	1.62	95%
2-Jul	24.0	1	0.04	1.66	98%
3-Jul	24.0	0	0.00	1.66	98%
4-Jul	24.0	0	0.00	1.66	98%
5-Jul	24.0	0	0.00	1.66	98%
6-Jul	8.7	0	0.00	1.66	98%
7-Jul	No Fishing		0.00	1.66	98%
8-Jul	24.0	0	0.00	1.66	98%
9-Jul	24.0	0	0.00	1.66	98%
10-Jul	24.0	1	0.04	1.71	100%
11-Jul			0.00	1.71	100%
12-Jul			0.00	1.71	100%
13-Jul			0.00	1.71	100%
14-Jul			0.00	1.71	100%
15-Jul			0.00	1.71	100%
16-Jul			0.00	1.71	100%
17-Jul			0.00	1.71	100%
18-Jul			0.00	1.71	100%
19-Jul			0.00	1.71	100%
20-Jul			0.00	1.71	100%
21-Jul			0.00	1.71	100%
22-Jul			0.00	1.71	100%
23-Jul			0.00	1.71	100%
24-Jul			0.00	1.71	100%
25-Jul			0.00	1.71	100%
26-Jul			0.00	1.71	100%
Totals	662.6	33			
	Mean cumulative proportion date				6/24/91

1992 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%
		0.00	0.00	0%
24.0	2	0.08	0.08	7%
24.2	1	0.04	0.12	11%
23.8	0	0.00	0.12	11%
24.0	0	0.00	0.12	11%
24.0	1	0.04	0.17	14%
24.0	0	0.00	0.17	14%
24.7	1	0.04	0.21	18%
23.3	0	0.00	0.21	18%
24.2	0	0.00	0.21	18%
24.1	0	0.00	0.21	18%
23.8	2	0.08	0.29	25%
24.0	1	0.04	0.33	28%
24.0	0	0.00	0.33	28%
25.0	1	0.04	0.37	32%
24.0	2	0.08	0.46	39%
23.0	1	0.04	0.50	42%
24.0	1	0.04	0.54	46%
24.0	0	0.00	0.54	46%
24.0	2	0.08	0.62	53%
24.0	4	0.17	0.79	67%
24.0	0	0.00	0.79	67%
6.8	1	0.15	0.94	80%
No Fishing		0.11	1.05	89%
24.3	2	0.08	1.14	96%
22.7	0	0.00	1.14	96%
24.0	1	0.04	1.18	100%
24.0	0	0.00	1.18	100%
24.0	0	0.00	1.18	100%
6.0	0	0.00	1.18	100%
		0.00	1.18	100%
635.9	23			
Mean cumulative proportion date				7/15/92

1993 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%
23.7	1	0.04	0.04	1%
24.0	1	0.04	0.08	2%
24.0	4	0.17	0.25	5%
24.0	3	0.13	0.38	8%
24.0	4	0.17	0.54	12%
24.0	3	0.13	0.67	14%
24.0	2	0.08	0.75	16%
24.0	1	0.04	0.79	17%
24.0	6	0.25	1.04	23%
24.3	3	0.12	1.17	25%
24.0	1	0.04	1.21	26%
24.0	1	0.04	1.25	27%
23.7	1	0.04	1.29	28%
24.0	3	0.13	1.42	31%
24.0	1	0.04	1.46	32%
24.0	3	0.13	1.58	34%
24.0	7	0.29	1.87	41%
24.0	1	0.04	1.92	42%
25.7	2	0.08	1.99	43%
22.6	6	0.27	2.26	49%
23.8	4	0.17	2.43	53%
24.0	4	0.17	2.59	56%
24.0	4	0.17	2.76	60%
24.0	4	0.17	2.93	63%
24.0	2	0.08	3.01	65%
8.5	6	0.71	3.72	81%
No Fishing		0.35	4.07	88%
23.7	0	0.00	4.07	88%
24.0	3	0.13	4.19	91%
24.0	7	0.29	4.49	97%
24.0	1	0.04	4.53	98%
24.0	1	0.04	4.57	99%
9.0	0	0.00	4.57	99%
No Fishing		0.00	4.57	99%
24.0	0	0.00	4.57	99%
24.0	1	0.04	4.61	100%
24.0	0	0.00	4.61	100%
24.0	0	0.00	4.61	100%
24.0	0	0.00	4.61	100%
		0.00	4.61	100%
		0.00	4.61	100%
		0.00	4.61	100%
		0.00	4.61	100%
		0.00	4.61	100%
		0.00	4.61	100%
		0.00	4.61	100%
		0.00	4.61	100%
		0.00	4.61	100%
857.0	91			
Mean cumulative proportion date				6/28/93

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

- continued -

Appendix Table 1. (Page 5 of 6)

1994 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	18.5	4	0.22	0.22	14%
17-Jun	24.0	2	0.08	0.30	20%
18-Jun	24.0	2	0.08	0.38	25%
19-Jun	24.0	2	0.08	0.47	30%
20-Jun	24.0	1	0.04	0.51	33%
21-Jun	24.0	3	0.13	0.63	41%
22-Jun	24.0	7	0.29	0.92	60%
23-Jun	24.0	3	0.13	1.05	68%
24-Jun	24.0	0	0.00	1.05	68%
25-Jun	24.0	2	0.08	1.13	74%
26-Jun	24.0	2	0.08	1.22	79%
27-Jun	24.0	0	0.00	1.22	79%
28-Jun	24.0	0	0.00	1.22	79%
29-Jun	24.0	0	0.00	1.22	79%
30-Jun	24.0	0	0.00	1.22	79%
1-Jul	24.0	0	0.00	1.22	79%
2-Jul	24.0	2	0.08	1.30	85%
3-Jul	24.0	0	0.00	1.30	85%
4-Jul	24.0	2	0.08	1.38	90%
5-Jul	24.0	1	0.04	1.42	93%
6-Jul	24.0	1	0.04	1.47	96%
7-Jul	15.0	0	0.00	1.47	96%
8-Jul	15.0	0	0.00	1.47	96%
9-Jul	9.0	0	0.00	1.47	96%
10-Jul	No Fishing		0.00	1.47	96%
11-Jul	23.5	0	0.00	1.47	96%
12-Jul	15.0	0	0.00	1.47	96%
13-Jul	15.0	1	0.07	1.53	100%
14-Jul	15.0	0	0.00	1.53	100%
15-Jul	15.0	0	0.00	1.53	100%
16-Jul	8.0	0	0.00	1.53	100%
17-Jul	No Fishing		0.00	1.53	100%
18-Jul	15.0	0	0.00	1.53	100%
19-Jul	15.0	0	0.00	1.53	100%
20-Jul	15.0	0	0.00	1.53	100%
21-Jul	15.0	0	0.00	1.53	100%
22-Jul	15.0	0	0.00	1.53	100%
23-Jul	8.0	0	0.00	1.53	100%
24-Jul	No Fishing		0.00	1.53	100%
25-Jul	15.0	0	0.00	1.53	100%
26-Jul	15.0	0	0.00	1.53	100%
Totals	742.0	35			
	Mean cumulative proportion date				6/22/94

1995 King Salmon[a]

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
17.0	3	0.18	0.18	4%
24.0	0	0.00	0.18	4%
23.0	0	0.00	0.18	4%
25.0	3	0.12	0.30	6%
24.0	1	0.04	0.34	7%
9.0	4	0.44	0.78	16%
No Fishing		0.35	1.13	24%
24.0	6	0.25	1.38	29%
24.0	0	0.00	1.38	29%
24.0	4	0.17	1.55	32%
24.0	6	0.25	1.80	38%
24.0	4	0.17	1.96	41%
24.0	7	0.29	2.25	47%
25.0	3	0.12	2.37	50%
23.0	1	0.04	2.42	50%
24.0	5	0.21	2.63	55%
24.0	1	0.04	2.67	56%
24.0	1	0.04	2.71	57%
24.0	3	0.13	2.83	59%
25.0	3	0.12	2.95	62%
23.0	1	0.04	3.00	63%
24.0	2	0.08	3.08	64%
24.0	1	0.04	3.12	65%
24.0	0	0.00	3.12	65%
24.0	5	0.21	3.33	70%
24.0	3	0.13	3.46	72%
9.0	1	0.11	3.57	74%
No Fishing		0.20	3.77	79%
24.0	7	0.29	4.06	85%
24.0	2	0.08	4.14	87%
24.0	3	0.13	4.27	89%
24.0	0	0.00	4.27	89%
24.0	4	0.17	4.44	93%
8.0	1	0.13	4.56	95%
No Fishing		0.10	4.67	97%
24.0	2	0.08	4.75	99%
24.0	1	0.04	4.79	100%
24.0	0	0.00	4.79	100%
24.0	0	0.00	4.79	100%
24.0	0	0.00	4.79	100%
8.5	0	0.00	4.79	100%
		0.00	4.79	100%
		0.00	4.79	100%
		0.00	4.79	100%
		0.00	4.79	100%
		0.00	4.79	100%
		0.00	4.79	100%
		0.00	4.79	100%
		0.00	4.79	100%
		0.00	4.79	100%
		0.00	4.79	100%
		0.00	4.79	100%
		0.00	4.79	100%
802.5	85			
Mean cumulative proportion date				6/18/95

1996 King Salmon[a]

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
20.0	1	0.05	0.05	1%
24.0	5	0.21	0.26	4%
24.0	6	0.25	0.51	8%
24.0	4	0.17	0.68	10%
24.0	10	0.42	1.09	17%
24.0	18	0.75	1.84	28%
24.0	17	0.71	2.55	39%
24.0	7	0.29	2.84	44%
24.0	7	0.29	3.13	48%
24.0	2	0.08	3.22	49%
24.0	2	0.08	3.30	51%
24.0	2	0.08	3.38	52%
24.0	0	0.00	3.38	52%
24.0	6	0.25	3.63	56%
24.0	4	0.17	3.80	58%
24.0	3	0.13	3.93	60%
24.0	5	0.21	4.13	63%
24.0	1	0.04	4.18	64%
24.0	3	0.13	4.30	66%
24.0	4	0.17	4.47	68%
24.0	5	0.21	4.68	72%
24.0	5	0.21	4.88	75%
24.0	2	0.08	4.97	76%
24.0	4	0.17	5.13	79%
8.0	2	0.25	5.38	82%
No Fishing		0.27	5.65	87%
24.0	7	0.29	5.95	91%
24.0	0	0.00	5.95	91%
24.0	2	0.08	6.03	92%
24.0	2	0.08	6.11	94%
24.0	1	0.04	6.15	94%
8.0	2	0.25	6.40	98%
No Fishing		0.13	6.53	100%
24.0	0	0.00	6.53	100%
24.0	0	0.00	6.53	100%
24.0	0	0.00	6.53	100%
24.0	0	0.00	6.53	100%
24.0	0	0.00	6.53	100%
8.0	0	0.00	6.53	100%
No Fishing		0.00	6.53	100%
24.0	0	0.00	6.53	100%
24.0	0	0.00	6.53	100%
24.0	0	0.00	6.53	100%
24.0	0	0.00	6.53	100%
24.0	0	0.00	6.53	100%
8.0	0	0.00	6.53	100%
No Fishing		0.00	6.53	100%
24.0	0	0.00	6.53	100%
24.0	0	0.00	6.53	100%
24.0	0	0.00	6.53	100%
24.0	0	0.00	6.53	100%
24.0	0	0.00	6.53	100%
1,084.0	139			
Mean cumulative proportion date				6/15/96

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

- continued -

Appendix Table 1. (Page 6 of 6)

1997 King Salmon[a,b]						King Salmon	
Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion	Average Cumulative CPUE 1982-1996	Average Cumulative Proportion 1982-1996
5-Jun			0.00	0.00	0%	0.02	0%
6-Jun			0.00	0.00	0%	0.03	1%
7-Jun			0.00	0.00	0%	0.05	1%
8-Jun			0.00	0.00	0%	0.08	2%
9-Jun			0.00	0.00	0%	0.12	2%
10-Jun			0.00	0.00	0%	0.23	5%
11-Jun	24.0	4	0.17	0.17	2%	0.33	7%
12-Jun	24.0	7	0.29	0.46	5%	0.40	9%
13-Jun	24.0	3	0.13	0.58	7%	0.45	10%
14-Jun	24.0	4	0.17	0.75	9%	0.50	12%
15-Jun	24.0	5	0.21	0.96	11%	0.56	14%
16-Jun	24.0	6	0.25	1.21	14%	0.62	16%
17-Jun	24.0	7	0.29	1.50	18%	0.69	19%
18-Jun	24.0	3	0.13	1.63	19%	0.77	22%
19-Jun	24.0	3	0.13	1.75	21%	0.83	25%
20-Jun	24.0	5	0.21	1.96	23%	0.96	31%
21-Jun	24.0	2	0.08	2.04	24%	1.03	34%
22-Jun	24.0	5	0.21	2.25	26%	1.08	38%
23-Jun	24.0	3	0.13	2.38	28%	1.14	39%
24-Jun	24.0	11	0.46	2.83	33%	1.20	42%
25-Jun	24.0	11	0.46	3.29	39%	1.27	44%
26-Jun	24.0	12	0.50	3.79	44%	1.35	48%
27-Jun	24.0	11	0.46	4.25	50%	1.41	50%
28-Jun	24.0	8	0.33	4.58	54%	1.47	52%
29-Jun	24.0	8	0.33	4.92	58%	1.56	55%
30-Jun	24.0	7	0.29	5.21	61%	1.70	58%
1-Jul	24.0	13	0.54	5.75	67%	1.84	61%
2-Jul	24.0	4	0.17	5.92	69%	2.02	66%
3-Jul	24.0	5	0.21	6.13	72%	2.18	70%
4-Jul	24.0	1	0.04	6.17	72%	2.30	73%
5-Jul	8.0	1	0.13	6.29	74%	2.39	76%
6-Jul	No Fishing		0.33	6.63	78%	2.49	78%
7-Jul	24.0	13	0.54	7.17	84%	2.65	82%
8-Jul	24.0	5	0.21	7.38	87%	2.76	85%
9-Jul	24.0	7	0.29	7.67	90%	2.83	86%
10-Jul	24.0	5	0.21	7.88	92%	2.93	90%
11-Jul	24.0	3	0.13	8.00	94%	2.98	92%
12-Jul	8.0	0	0.00	8.00	94%	3.02	93%
13-Jul	No Fishing		0.04	8.04	94%	3.04	94%
14-Jul	24.0	2	0.08	8.13	95%	3.06	94%
15-Jul	24.0	3	0.13	8.25	97%	3.10	95%
16-Jul	24.0	2	0.08	8.33	98%	3.13	97%
17-Jul	24.0	1	0.04	8.38	98%	3.15	97%
18-Jul	24.0	1	0.04	8.42	99%	3.17	98%
19-Jul	8.0	0	0.00	8.42	99%	3.19	99%
20-Jul	No Fishing		0.02	8.44	99%	3.21	99%
21-Jul	24.0	1	0.04	8.48	100%	3.22	99%
22-Jul	24.0	1	0.04	8.52	100%	3.23	100%
23-Jul	24.0	0	0.00	8.52	100%	3.23	100%
24-Jul	24.0	0	0.00	8.52	100%	3.24	100%
25-Jul	24.0	0	0.00	8.52	100%	3.24	100%
26-Jul	8.0	0	0.00	8.52	100%	3.24	100%
Totals	968.0	193					
	Mean cumulative proportion date				6/27/97		

[a]counts begin the day the first king salmon was caught.
[b]fishing began on 6/2/97

Appendix Table 2. Test fishing catches of coho salmon in 5 7/8" mesh set gillnet, Unalakleet River, Norton Sound, 1981-1997.

	1981 Coho Salmon[a]					1982 Coho Salmon[a]					1983 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
22-Jul			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%
24-Jul			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%
26-Jul			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%
28-Jul			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%
30-Jul	24.0	6	0.25	0.25	2%			0.00	0.00	0%			0.00	0.00	0%
31-Jul	24.0	6	0.25	0.50	4%			0.00	0.00	0%			0.00	0.00	0%
1-Aug	24.0	3	0.13	0.63	5%	3.0	9	3.00	3.00	11%			0.00	0.00	0%
2-Aug	24.0	0	0.00	0.63	5%	4.4	3	0.68	3.68	13%			0.00	0.00	0%
3-Aug	24.0	3	0.13	0.75	6%	No Fishing		0.64	4.33	16%			0.00	0.00	0%
4-Aug	24.0	0	0.00	0.75	6%	13.2	8	0.61	4.93	18%			0.00	0.00	0%
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%
6-Aug	24.0	0	0.00	0.75	6%	No Fishing		0.77	6.52	24%	No Fishing		0.20	0.28	2%
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%
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%
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%
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%
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%
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%
13-Aug	24.0	3	0.13	1.63	13%	No Fishing		1.41	11.76	43%	No Fishing		0.56	4.65	29%
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%
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%
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%
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%
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%
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%
20-Aug	24.0	10	0.42	6.92	55%	No Fishing		0.29	16.24	60%	No Fishing		0.31	7.77	48%
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%
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%
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%
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%
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%
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%
27-Aug	24.0	5	0.21	9.63	77%	No Fishing		0.44	18.09	66%	No Fishing		0.22	9.96	61%
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%
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%
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%
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%
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%
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%
3-Sep	24.0	2	0.08	10.17	81%	No Fishing		0.43	21.42	79%	No Fishing		0.36	11.56	71%
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%
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%
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%
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%
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%
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%
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%
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%
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%
13-Sep	24.0	6	0.25	12.29	98%	25.5	5	0.20	24.78	91%	No Fishing		0.47	14.61	90%
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%
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%
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%
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%
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%
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%
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%
21-Sep			0.00	12.54	100%	26.2	4	0.15	26.92	99%	24.0	3	0.13	16.20	100%
22-Sep			0.00	12.54	100%	27.6	6	0.22	27.14	99%	24.2	0	0.00	16.20	100%
23-Sep			0.00	12.54	100%	20.2	2	0.10	27.24	100%	23.4	1	0.04	16.25	100%
24-Sep			0.00	12.54	100%	23.8	1	0.04	27.28	100%			0.00	16.25	100%
Totals	1,272.0	301				623.2	235				656.3	184			
	Mean cumulative proportion date				8/19/81	Mean cumulative proportion date				8/15/82	Mean cumulative proportion date				8/21/83

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

- continued -

Appendix Table 2. (Page 2 of 6).

1984 Coho Salmon[a]

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

Mean cumulative proportion date 8/6/84

1985 Coho Salmon[a]

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
10.7	2	0.19	0.19	2%
No Fishing		0.16	0.34	3%
23.8	3	0.13	0.47	4%
24.3	2	0.08	0.55	5%
24.0	4	0.17	0.72	6%
24.0	3	0.13	0.84	7%
24.0	2	0.08	0.93	8%
11.0	0	0.00	0.93	8%
No Fishing		0.04	0.97	8%
24.2	2	0.08	1.05	9%
24.0	1	0.04	1.09	9%
29.2	10	0.34	1.43	12%
19.5	4	0.21	1.64	14%
23.5	6	0.26	1.90	16%
11.6	6	0.52	2.41	21%
No Fishing		0.80	3.21	28%
24.1	26	1.08	4.29	37%
23.8	5	0.21	4.50	39%
24.8	14	0.56	5.06	44%
23.8	6	0.25	5.32	46%
23.7	8	0.34	5.65	49%
9.1	2	0.22	5.87	51%
No Fishing		0.37	6.24	54%
23.0	12	0.52	6.77	59%
24.2	4	0.17	6.93	60%
24.2	8	0.33	7.26	63%
23.7	5	0.21	7.47	65%
24.2	2	0.08	7.56	65%
23.5	0	0.00	7.56	65%
No Fishing		0.06	7.62	66%
No Fishing		0.06	7.68	66%
24.4	3	0.12	7.80	68%
23.6	2	0.08	7.89	68%
24.0	3	0.13	8.01	69%
24.1	6	0.25	8.26	71%
11.8	5	0.42	8.68	75%
No Fishing		0.38	9.07	78%
5.8	2	0.34	9.41	81%
No Fishing		0.31	9.72	84%
No Fishing		0.31	10.02	87%
No Fishing		0.31	10.33	89%
26.2	7	0.27	10.60	92%
No Fishing		0.13	10.73	93%
No Fishing		0.13	10.87	94%
No Fishing		0.13	11.00	95%
No Fishing		0.13	11.13	96%
No Fishing		0.13	11.27	97%
24.0	0	0.00	11.27	97%
24.2	4	0.17	11.43	99%
24.1	3	0.12	11.56	100%
		0.00	11.56	100%
		0.00	11.56	100%
		0.00	11.56	100%
758.1	172			

Mean cumulative proportion date 8/24/85

1986 Coho Salmon[a]

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

Mean cumulative proportion date 8/6/86

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

- continued -

1987 Coho Salmon[a]

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
22-Jul			0.00	0.00	0%
23-Jul			0.00	0.00	0%
24-Jul			0.00	0.00	0%
25-Jul			0.00	0.00	0%
26-Jul			0.00	0.00	0%
27-Jul			0.00	0.00	0%
28-Jul			0.00	0.00	0%
29-Jul			0.00	0.00	0%
30-Jul			0.00	0.00	0%
31-Jul			0.00	0.00	0%
1-Aug			0.00	0.00	0%
2-Aug			0.00	0.00	0%
3-Aug			0.00	0.00	0%
4-Aug			0.00	0.00	0%
5-Aug			0.00	0.00	0%
6-Aug	24.3	8	0.33	0.33	5%
7-Aug	24.1	0	0.00	0.33	5%
8-Aug	10.4	0	0.00	0.33	5%
9-Aug	No Fishing		0.14	0.47	7%
10-Aug	24.2	7	0.29	0.76	12%
11-Aug	23.8	1	0.04	0.81	12%
12-Aug	23.9	1	0.04	0.85	13%
13-Aug	24.3	2	0.08	0.93	14%
14-Aug	23.9	5	0.21	1.14	17%
15-Aug	23.8	4	0.17	1.31	20%
16-Aug	24.8	2	0.08	1.39	21%
17-Aug	24.2	2	0.08	1.47	22%
18-Aug	23.8	1	0.04	1.51	23%
19-Aug	24.0	6	0.25	1.76	27%
20-Aug	24.2	7	0.29	2.05	31%
21-Aug	24.0	7	0.29	2.34	36%
22-Aug	24.0	5	0.21	2.55	39%
23-Aug	23.9	2	0.08	2.63	40%
24-Aug	23.9	2	0.08	2.72	41%
25-Aug	24.2	3	0.12	2.84	43%
26-Aug	24.1	4	0.17	3.01	46%
27-Aug	24.0	2	0.08	3.09	47%
28-Aug	23.9	1	0.04	3.13	48%
29-Aug	10.8	0	0.00	3.13	48%
30-Aug	No Fishing		0.31	3.44	52%
31-Aug	13.1	8	0.61	4.05	62%
1-Sep	24.2	7	0.29	4.34	66%
2-Sep	23.9	3	0.13	4.46	68%
3-Sep	23.9	3	0.13	4.59	70%
4-Sep	24.1	6	0.25	4.84	73%
5-Sep	24.8	4	0.16	5.00	76%
6-Sep	23.5	10	0.43	5.43	82%
7-Sep	No Fishing		0.53	5.95	90%
8-Sep	23.8	15	0.63	6.58	100%
9-Sep			0.00	6.58	100%
10-Sep			0.00	6.58	100%
11-Sep			0.00	6.58	100%
12-Sep			0.00	6.58	100%
13-Sep			0.00	6.58	100%
14-Sep			0.00	6.58	100%
15-Sep			0.00	6.58	100%
16-Sep			0.00	6.58	100%
17-Sep			0.00	6.58	100%
18-Sep			0.00	6.58	100%
19-Sep			0.00	6.58	100%
20-Sep			0.00	6.58	100%
21-Sep			0.00	6.58	100%
22-Sep			0.00	6.58	100%
23-Sep			0.00	6.58	100%
24-Sep			0.00	6.58	100%
Totals	707.8	128			

Mean cumulative proportion date 8/30/87

1988 Coho Salmon[a]

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
22-Jul			0.00	0.00	0%
23-Jul			0.00	0.00	0%
24-Jul			0.00	0.00	0%
25-Jul			0.00	0.00	0%
26-Jul			0.00	0.00	0%
27-Jul			0.00	0.00	0%
28-Jul			0.00	0.00	0%
29-Jul			0.00	0.00	0%
30-Jul			0.00	0.00	0%
31-Jul			0.00	0.00	0%
1-Aug			0.00	0.00	0%
2-Aug	24.0	5	0.21	0.21	2%
3-Aug	24.1	5	0.21	0.42	4%
4-Aug	23.9	8	0.33	0.75	8%
5-Aug	24.2	1	0.04	0.79	9%
6-Aug	10.2	2	0.20	0.99	11%
7-Aug	No Fishing		0.56	1.55	17%
8-Aug	23.9	22	0.92	2.47	27%
9-Aug	24.1	16	0.66	3.13	34%
10-Aug	No Fishing		0.50	3.63	39%
11-Aug	47.9	16	0.33	3.96	43%
12-Aug	23.9	7	0.29	4.26	46%
13-Aug	9.1	3	0.33	4.59	50%
14-Aug	No Fishing		0.29	4.88	53%
15-Aug	16.1	4	0.25	5.12	55%
16-Aug	12.9	0	0.00	5.12	55%
17-Aug	12.9	4	0.31	5.43	59%
18-Aug	12.9	2	0.16	5.59	60%
19-Aug	No Fishing		0.09	5.68	61%
20-Aug	33.9	1	0.03	5.71	62%
21-Aug	No Fishing		0.01	5.73	62%
22-Aug	24.0	0	0.00	5.73	62%
23-Aug	24.0	5	0.21	5.93	64%
24-Aug	24.5	11	0.45	6.38	69%
25-Aug	23.7	5	0.21	6.59	71%
26-Aug	23.7	4	0.17	6.76	73%
27-Aug	9.8	3	0.31	7.07	76%
28-Aug	No Fishing		0.22	7.28	79%
29-Aug	24.0	3	0.13	7.41	80%
30-Aug	24.0	2	0.08	7.49	81%
31-Aug	24.1	3	0.12	7.62	82%
1-Sep	24.1	5	0.21	7.82	85%
2-Sep	23.9	5	0.21	8.03	87%
3-Sep	10.2	0	0.00	8.03	87%
4-Sep	No Fishing		0.06	8.10	87%
5-Sep	23.9	3	0.13	8.22	89%
6-Sep	23.0	1	0.04	8.27	89%
7-Sep	25.0	1	0.04	8.31	90%
8-Sep	24.2	9	0.37	8.68	94%
9-Sep	24.2	5	0.21	8.88	96%
10-Sep	24.0	1	0.04	8.93	96%
11-Sep	No Fishing		0.13	9.05	98%
12-Sep	48.0	10	0.21	9.26	100%
13-Sep			0.00	9.26	100%
14-Sep			0.00	9.26	100%
15-Sep			0.00	9.26	100%
16-Sep			0.00	9.26	100%
17-Sep			0.00	9.26	100%
18-Sep			0.00	9.26	100%
19-Sep			0.00	9.26	100%
20-Sep			0.00	9.26	100%
21-Sep			0.00	9.26	100%
22-Sep			0.00	9.26	100%
23-Sep			0.00	9.26	100%
24-Sep			0.00	9.26	100%
Totals	776.3	172			

Mean cumulative proportion date 8/13/88

1989 Coho Salmon[a]

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
22-Jul			0.00	0.00	0%
23-Jul			0.00	0.00	0%
24-Jul			0.00	0.00	0%
25-Jul			0.00	0.00	0%
26-Jul			0.00	0.00	0%
27-Jul	24.5	5	0.20	0.20	2%
28-Jul	23.7	1	0.04	0.25	3%
29-Jul	10.2	2	0.20	0.44	5%
30-Jul	No Fishing		0.14	0.58	6%
31-Jul	24.3	2	0.08	0.66	7%
1-Aug	23.8	4	0.17	0.83	8%
2-Aug	24.5	5	0.20	1.04	11%
3-Aug	23.8	3	0.13	1.16	12%
4-Aug	24.0	5	0.21	1.37	14%
5-Aug	10.2	5	0.49	1.86	19%
6-Aug	No Fishing		0.27	2.13	22%
7-Aug	24.3	1	0.04	2.17	22%
8-Aug	23.9	4	0.17	2.33	24%
9-Aug	24.2	6	0.25	2.58	26%
10-Aug	23.8	6	0.25	2.83	29%
11-Aug	No Fishing		0.17	3.01	31%
12-Aug	33.8	3	0.09	3.09	32%
13-Aug	No Fishing		0.48	3.58	36%
14-Aug	24.0	21	0.88	4.45	45%
15-Aug	24.2	14	0.58	5.03	51%
16-Aug	24.2	10	0.41	5.44	55%
17-Aug	23.6	7	0.30	5.74	58%
18-Aug	No Fishing		0.30	6.04	62%
19-Aug	32.8	10	0.30	6.34	65%
20-Aug	No Fishing		0.19	6.54	67%
21-Aug	24.0	2	0.08	6.62	67%
22-Aug	24.0	4	0.17	6.79	69%
23-Aug	23.5	5	0.21	7.00	71%
24-Aug	No Fishing		0.18	7.18	73%
25-Aug	34.5	5	0.14	7.33	75%
26-Aug	25.0	4	0.16	7.49	76%
27-Aug	No Fishing		0.25	7.73	79%
28-Aug	24.0	8	0.33	8.07	82%
29-Aug	25.8	9	0.35	8.41	86%
30-Aug	22.8	4	0.18	8.59	87%
31-Aug	23.7	4	0.17	8.76	89%
1-Sep	23.8	6	0.25	9.01	92%
2-Sep	11.8	1	0.08	9.10	93%
3-Sep	No Fishing		0.09	9.18	93%
4-Sep	23.3	2	0.09	9.27	94%
5-Sep	24.0	2	0.08	9.35	95%
6-Sep	No Fishing		0.07	9.42	96%
7-Sep	48.3	3	0.06	9.48	97%
8-Sep	23.7	2	0.08	9.57	97%
9-Sep	24.0	2	0.08	9.65	98%
10-Sep	24.0	2	0.08	9.74	99%
11-Sep	23.8	0	0.00	9.74	99%
12-Sep	24.0	2	0.08	9.82	100%
13-Sep			0.00	9.82	100%
14-Sep			0.00	9.82	100%
15-Sep			0.00	9.82	100%
16-Sep			0.00	9.82	100%
17-Sep			0.00	9.82	100%
18-Sep			0.00	9.82	100%
19-Sep			0.00	9.82	100%
20-Sep			0.00	9.82	100%
21-Sep			0.00	9.82	100%
22-Sep			0.00	9.82	100%
23-Sep			0.00	9.82	100%
24-Sep			0.00	9.82	100%
Totals	925.8	181			

Mean cumulative proportion date 8/15/89

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

- continued -

1990 Coho Salmon[a]

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
22-Jul			0.00	0.00	0%
23-Jul			0.00	0.00	0%
24-Jul			0.00	0.00	0%
25-Jul			0.00	0.00	0%
26-Jul			0.00	0.00	0%
27-Jul			0.00	0.00	0%
28-Jul			0.00	0.00	0%
29-Jul			0.00	0.00	0%
30-Jul			0.00	0.00	0%
31-Jul			0.00	0.00	0%
1-Aug			0.00	0.00	0%
2-Aug			0.00	0.00	0%
3-Aug			0.00	0.00	0%
4-Aug	25.3	6	0.24	0.24	2%
5-Aug	7.5	0	0.00	0.24	2%
6-Aug	No Fishing		0.22	0.45	3%
7-Aug	23.2	10	0.43	0.88	6%
8-Aug	24.0	1	0.04	0.93	7%
9-Aug	24.0	8	0.33	1.26	9%
10-Aug	23.8	8	0.34	1.59	11%
11-Aug	23.8	3	0.13	1.72	12%
12-Aug	11.0	1	0.09	1.81	13%
13-Aug	No Fishing		0.34	2.15	15%
14-Aug	22.0	13	0.59	2.74	20%
15-Aug	24.0	17	0.71	3.45	25%
16-Aug	24.0	12	0.50	3.95	28%
17-Aug	24.0	23	0.96	4.91	35%
18-Aug	24.2	12	0.50	5.41	39%
19-Aug	9.4	5	0.53	5.94	42%
20-Aug	No Fishing		0.48	6.42	46%
21-Aug	23.5	10	0.43	6.84	49%
22-Aug	24.2	17	0.70	7.54	54%
23-Aug	24.6	15	0.61	8.15	58%
24-Aug	23.2	20	0.86	9.02	64%
25-Aug	24.2	8	0.33	9.35	67%
26-Aug	8.5	2	0.24	9.58	68%
27-Aug	No Fishing		0.65	10.23	73%
28-Aug	16.9	18	1.07	11.30	81%
29-Aug	24.0	11	0.46	11.76	84%
30-Aug	24.0	11	0.46	12.21	87%
31-Aug	24.1	5	0.21	12.42	89%
1-Sep	24.0	2	0.08	12.51	89%
2-Sep	9.0	0	0.00	12.51	89%
3-Sep	No Fishing		0.02	12.53	89%
4-Sep	23.7	1	0.04	12.57	90%
5-Sep	23.2	3	0.13	12.70	91%
6-Sep	33.0	6	0.18	12.88	92%
7-Sep	No Fishing		0.20	13.08	93%
8-Sep	No Fishing		0.20	13.27	95%
9-Sep	No Fishing		0.20	13.47	96%
10-Sep	No Fishing		0.20	13.67	98%
11-Sep	14.1	3	0.21	13.88	99%
12-Sep	23.5	2	0.09	13.97	100%
13-Sep	24.0	1	0.04	14.01	100%
14-Sep			0.00	14.01	100%
15-Sep			0.00	14.01	100%
16-Sep			0.00	14.01	100%
17-Sep			0.00	14.01	100%
18-Sep			0.00	14.01	100%
19-Sep			0.00	14.01	100%
20-Sep			0.00	14.01	100%
21-Sep			0.00	14.01	100%
22-Sep			0.00	14.01	100%
23-Sep			0.00	14.01	100%
24-Sep			0.00	14.01	100%
Totals	681.9	234			

Mean cumulative proportion date 8/22/90

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

1991 Coho Salmon[a]

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

- continued -

	1993 Coho Salmon[a]					1994 Coho Salmon[a]					1995 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
22-Jul			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%
24-Jul			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
25-Jul			0.00	0.00	0%	15.0	6	0.40	0.40	3%			0.00	0.00	0%
26-Jul			0.00	0.00	0%	15.0	2	0.13	0.53	4%			0.00	0.00	0%
27-Jul			0.00	0.00	0%	15.0	1	0.07	0.60	4%			0.00	0.00	0%
28-Jul			0.00	0.00	0%	15.0	4	0.27	0.87	6%			0.00	0.00	0%
29-Jul			0.00	0.00	0%	15.0	1	0.07	0.93	7%			0.00	0.00	0%
30-Jul			0.00	0.00	0%	8.5	1	0.12	1.05	7%			0.00	0.00	0%
31-Jul			0.00	0.00	0%	No Fishing		0.14	1.19	8%			0.00	0.00	0%
1-Aug			0.00	0.00	0%	23.5	4	0.17	1.37	10%			0.00	0.00	0%
2-Aug			0.00	0.00	0%	24.0	1	0.04	1.41	10%			0.00	0.00	0%
3-Aug			0.00	0.00	0%	24.0	7	0.29	1.70	12%	24.0	16	0.67	0.67	7%
4-Aug			0.00	0.00	0%	24.0	5	0.21	1.91	13%	24.0	6	0.25	0.92	10%
5-Aug			0.00	0.00	0%	24.0	4	0.17	2.07	15%	8.0	0	0.00	0.92	10%
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%
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%
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%
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%
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%
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%
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%
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%
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%
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%
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%
17-Aug	24.0	7	0.29	1.25	17%	Flooding		0.00	6.47	46%	24.0	2	0.08	5.83	64%
18-Aug	24.0	16	0.67	1.91	26%			0.00	6.47	46%	24.0	4	0.17	6.00	66%
19-Aug	24.0	6	0.25	2.16	30%			0.00	6.47	46%	8.0	1	0.13	6.13	67%
20-Aug	24.5	11	0.45	2.61	36%			0.00	6.47	46%	No Fishing		0.13	6.25	68%
21-Aug	8.0	1	0.13	2.74	38%			0.00	6.47	46%	24.0	3	0.13	6.38	70%
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%
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%
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%
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%
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%
27-Aug	24.5	9	0.37	4.57	63%	Flooding		0.00	11.37	80%	No Fishing		0.06	7.56	83%
28-Aug	7.5	3	0.40	4.97	68%	Flooding		0.00	11.37	80%	24.0	3	0.13	7.69	84%
29-Aug	No Fishing		0.24	5.21	72%	Flooding		0.00	11.37	80%	24.0	2	0.08	7.77	85%
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%
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%
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%
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%
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%
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%
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%
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%
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%
8-Sep	24.0	5	0.21	7.28	100%			0.00	14.13	100%	24.0	0	0.00	8.94	98%
9-Sep			0.00	7.28	100%			0.00	14.13	100%	8.0	0	0.00	8.94	98%
10-Sep			0.00	7.28	100%			0.00	14.13	100%	No Fishing		0.06	9.00	99%
11-Sep			0.00	7.28	100%			0.00	14.13	100%	24.0	3	0.13	9.13	100%
12-Sep			0.00	7.28	100%			0.00	14.13	100%			0.00	9.13	100%
13-Sep			0.00	7.28	100%			0.00	14.13	100%			0.00	9.13	100%
14-Sep			0.00	7.28	100%			0.00	14.13	100%			0.00	9.13	100%
15-Sep			0.00	7.28	100%			0.00	14.13	100%			0.00	9.13	100%
16-Sep			0.00	7.28	100%			0.00	14.13	100%			0.00	9.13	100%
17-Sep			0.00	7.28	100%			0.00	14.13	100%			0.00	9.13	100%
18-Sep			0.00	7.28	100%			0.00	14.13	100%			0.00	9.13	100%
19-Sep			0.00	7.28	100%			0.00	14.13	100%			0.00	9.13	100%
20-Sep			0.00	7.28	100%			0.00	14.13	100%			0.00	9.13	100%
21-Sep			0.00	7.28	100%			0.00	14.13	100%			0.00	9.13	100%
22-Sep			0.00	7.28	100%			0.00	14.13	100%			0.00	9.13	100%
23-Sep			0.00	7.28	100%			0.00	14.13	100%			0.00	9.13	100%
24-Sep			0.00	7.28	100%			0.00	14.13	100%			0.00	9.13	100%
Totals	617.2	158				600.0	276				720.0	188			
	Mean cumulative proportion date				8/25/93	Mean cumulative proportion date				8/22/94	Mean cumulative proportion date				8/24/95

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

- continued -

Appendix Table 2. (Page 6 of 6).

1996 Coho Salmon[a]						1997 Coho Salmon[a]					Coho Salmon	
Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion	Average Cumulative CPUE 1982-1996	Average Cumulative Proportion 1982-1996
22-Jul	24.0	9	0.38	0.38	1%						0.03	0%
23-Jul	24.0	13	0.54	0.92	3%						0.06	0%
24-Jul	24.0	4	0.17	1.08	3%						0.07	0%
25-Jul	24.0	16	0.67	1.75	5%						0.14	1%
26-Jul	24.0	12	0.50	2.25	6%						0.19	1%
27-Jul	8.0	27	3.38	5.63	16%						0.44	2%
28-Jul	No Fishing		2.65	8.27	23%	24.0	4	0.17	0.17	2%	0.65	2%
29-Jul	24.0	46	1.92	10.19	28%	24.0	3	0.13	0.29	3%	0.80	3%
30-Jul	24.0	69	2.88	13.06	36%	24.0	4	0.17	0.46	5%	1.06	4%
31-Jul	24.0	61	2.54	15.60	43%	24.0	1	0.04	0.50	6%	1.32	5%
1-Aug	24.0	6	0.25	15.85	44%	24.0	5	0.21	0.71	8%	1.70	7%
2-Aug	24.0	8	0.33	16.19	45%	8.0	1	0.13	0.83	9%	2.00	8%
3-Aug	No Fishing		0.54	16.73	47%	No Fishing		0.38	1.21	13%	2.46	11%
4-Aug	No Fishing		0.54	17.27	48%	24.0	15	0.63	1.83	20%	2.81	13%
5-Aug	24.0	18	0.75	18.02	50%	24.0	7	0.29	2.13	24%	3.19	15%
6-Aug	24.0	15	0.63	18.65	52%	24.0	7	0.29	2.42	27%	3.50	18%
7-Aug	24.0	22	0.92	19.56	55%	24.0	3	0.13	2.54	28%	3.89	20%
8-Aug	24.0	5	0.21	19.77	55%	24.0	7	0.29	2.83	31%	4.18	22%
9-Aug	24.0	20	0.83	20.60	57%	8.0	2	0.25	3.08	34%	4.50	25%
10-Aug	8.0	11	1.38	21.98	61%	No Fishing		0.44	3.52	39%	5.00	28%
11-Aug	No Fishing		1.02	23.00	64%	24.0	15	0.63	4.15	46%	5.66	31%
12-Aug	24.0	16	0.67	23.67	66%	24.0	13	0.54	4.69	52%	6.27	34%
13-Aug	24.0	16	0.67	24.33	68%	24.0	6	0.25	4.94	55%	6.75	37%
14-Aug	24.0	10	0.42	24.75	69%	24.0	22	0.92	5.85	65%	7.27	41%
15-Aug	24.0	23	0.96	25.71	72%	24.0	4	0.17	6.02	67%	7.74	44%
16-Aug	24.0	21	0.88	26.58	74%	8.0	3	0.38	6.40	71%	8.07	46%
17-Aug	8.0	3	0.38	26.96	75%	No Fishing		0.46	6.85	76%	8.43	49%
18-Aug	No Fishing		0.54	27.50	77%	24.0	13	0.54	7.40	82%	8.74	51%
19-Aug	24.0	17	0.71	28.21	79%	24.0	2	0.08	7.48	83%	9.06	53%
20-Aug	24.0	13	0.54	28.75	80%	24.0	2	0.08	7.56	84%	9.32	55%
21-Aug	24.0	14	0.58	29.33	82%	24.0	4	0.17	7.73	86%	9.61	57%
22-Aug	24.0	17	0.71	30.04	84%	24.0	4	0.17	7.90	88%	9.98	60%
23-Aug	24.0	7	0.29	30.33	85%	8.0	0	0.00	7.90	88%	10.25	62%
24-Aug	8.0	2	0.25	30.58	85%	No Fishing		0.10	8.00	89%	10.55	65%
25-Aug	No Fishing		0.79	31.38	87%	24.0	5	0.21	8.21	91%	10.88	67%
26-Aug	24.0	32	1.33	32.71	91%	24.0	2	0.08	8.29	92%	11.24	70%
27-Aug	24.0	10	0.42	33.13	92%	24.0	0	0.00	8.29	92%	11.50	72%
28-Aug	24.0	5	0.21	33.33	93%	24.0	0	0.00	8.29	92%	11.76	74%
29-Aug	24.0	14	0.58	33.92	95%	24.0	3	0.13	8.42	94%	12.03	75%
30-Aug	24.0	2	0.08	34.00	95%	8.0	0	0.00	8.42	94%	12.29	77%
31-Aug	8.0	5	0.63	34.63	97%	No Fishing		0.00	8.42	94%	12.54	79%
1-Sep	No Fishing		0.38	35.00	98%	16.0	0	0.00	8.42	94%	12.77	81%
2-Sep	24.0	3	0.13	35.13	98%	No Fishing		0.06	8.48	94%	12.96	82%
3-Sep	24.0	2	0.08	35.21	98%	16.0	2	0.13	8.60	96%	13.14	84%
4-Sep	24.0	0	0.00	35.21	98%	24.0	2	0.08	8.69	97%	13.35	86%
5-Sep	24.0	0	0.00	35.21	98%	24.0	2	0.08	8.77	97%	13.57	88%
6-Sep	24.0	1	0.04	35.25	98%	8.0	0	0.00	8.77	97%	13.79	89%
7-Sep	8.0	0	0.00	35.25	98%	No Fishing		0.02	8.79	98%	14.01	92%
8-Sep	No Fishing		0.04	35.29	98%	24.0	1	0.04	8.83	98%	14.24	94%
9-Sep	24.0	2	0.08	35.38	99%	24.0	3	0.13	8.96	100%	14.40	95%
10-Sep	24.0	6	0.25	35.63	99%	24.0	1	0.04	9.00	100%	14.54	96%
11-Sep	24.0	6	0.25	35.88	100%				9.00	100%	14.66	97%
12-Sep			0.00	35.88	100%				9.00	100%	14.76	97%
13-Sep			0.00	35.88	100%				9.00	100%	14.83	98%
14-Sep			0.00	35.88	100%				9.00	100%	14.90	98%
15-Sep			0.00	35.88	100%				9.00	100%	14.96	99%
16-Sep			0.00	35.88	100%				9.00	100%	15.00	99%
17-Sep			0.00	35.88	100%				9.00	100%	15.05	99%
18-Sep			0.00	35.88	100%				9.00	100%	15.13	99%
19-Sep			0.00	35.88	100%				9.00	100%	15.16	99%
20-Sep			0.00	35.88	100%				9.00	100%	15.19	100%
21-Sep			0.00	35.88	100%				9.00	100%	15.22	100%
22-Sep			0.00	35.88	100%				9.00	100%	15.24	100%
23-Sep			0.00	35.88	100%				9.00	100%	15.25	100%
24-Sep			0.00	35.88	100%				9.00	100%	15.26	100%
Totals	960.0	609				960.0	168					
	Mean cumulative proportion date				8/4/96	Mean cumulative proportion date				8/12/97		

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

Table 3. Test fishing catches of pink salmon in 5 7/8" mesh set gillnet, Unalakleet River, Norton Sound, 1981-1997.

1981 Pink Salmon*

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%
	24.0	51	2.13	5.38	36%
	24.0	55	2.29	7.67	51%
	24.0	28	1.17	8.83	59%
[illegible]	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%
			0.00	15.00	100%
			0.00	15.00	100%
	696.0	360			

Mean cumulative proportion date 7/22/81

1982 Pink Salmon*

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
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	57	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%
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		0.00	132.20	100%
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		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*

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
11.5	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%
		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*

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%
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	51	2.53	24.19	39%
No Fishing		2.96	27.15	44%
23.9	41	3.39	30.54	49%
No Fishing		3.71	34.25	55%
24.1	47	4.02	38.28	61%
No Fishing		3.01	41.29	66%
No Fishing		3.01	44.30	71%
24.0	48	2.00	46.30	74%
No Fishing		1.76	48.07	77%
24.2	37	1.53	49.59	80%
No Fishing		1.68	51.28	82%
24.0	44	1.83	53.11	85%
No Fishing		1.96	55.07	88%
No Fishing		1.96	57.03	92%
23.5	49	2.09	59.11	95%
No Fishing		1.29	60.41	97%
23.9	12	0.50	60.91	98%
24.0	15	0.63	61.53	99%
24.1	9	0.37	61.91	99%
11.4	0	0.00	61.91	99%
No Fishing		0.02	61.93	99%
24.6	1	0.04	61.97	100%
2.7	0	0.00	61.97	100%
23.3	2	0.09	62.05	100%
No Fishing		0.04	62.10	100%
4.6	0	0.00	62.10	100%
No Fishing		0.00	62.10	100%
24.0	0	0.00	62.10	100%
24.3	0	0.00	62.10	100%
No Fishing		0.00	62.10	100%
23.3	0	0.00	62.10	100%
No Fishing		0.00	62.10	100%
23.9	0	0.00	62.10	100%
No Fishing		0.04	62.14	100%
No Fishing		0.04	62.18	100%
24.0	2	0.08	62.26	100%
		0.00	62.26	100%
		0.00	62.26	100%
		0.00	62.26	100%
		0.00	62.26	100%
		0.00	62.26	100%
		0.00	62.26	100%
		0.00	62.26	100%
		0.00	62.26	100%
		0.00	62.26	100%
		0.00	62.26	100%
		0.00	62.26	100%
		0.00	62.26	100%
		0.00	62.26	100%
		0.00	62.26	100%
		0.00	62.26	100%
		0.00	62.26	100%
		0.00	62.26	100%
		0.00	62.26	100%
		0.00	62.26	100%
		0.00	62.26	100%
		0.00	62.26	100%
		0.00	62.26	100%
		0.00	62.26	100%
		0.00	62.26	100%
		0.00	62.26	100%
		0.00	62.26	100%
595.0	657.0			

Mean cumulative proportion date 7/12/84

*Counts begin the day the tenth pink was caught

- continued -

Table 3. (Page 2 of 5).

Date	1985 Pink Salmon[a]					1986 Pink Salmon[b]					1987 Pink Salmon[b]					1988 Pink Salmon[b]				
	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
14-Jun			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
15-Jun			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
16-Jun			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
17-Jun			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
18-Jun			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
19-Jun			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
20-Jun			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%	24.3	32	1.32	1.32	3%
21-Jun			0.00	0.00	0%	23.9	7	0.29	0.29	1%			0.00	0.00	0%	23.9	20	0.84	2.15	4%
22-Jun			0.00	0.00	0%	24.3	13	0.53	0.83	2%			0.00	0.00	0%	24.0	35	1.46	3.61	7%
23-Jun			0.00	0.00	0%	23.9	21	0.88	1.71	4%			0.00	0.00	0%	24.2	22	0.91	4.52	9%
24-Jun			0.00	0.00	0%	23.7	37	1.56	3.27	8%			0.00	0.00	0%	23.7	10	0.42	4.94	10%
25-Jun			0.00	0.00	0%	24.0	51	2.13	5.39	14%			0.00	0.00	0%	9.0	16	1.78	6.72	14%
26-Jun			0.00	0.00	0%	25.0	39	1.56	6.95	18%			0.00	0.00	0%	No Fishing		2.01	8.73	18%
27-Jun			0.00	0.00	0%	24.0	27	1.13	8.08	21%			0.00	0.00	0%	24.1	54	2.24	10.97	22%
28-Jun			0.00	0.00	0%	12.1	8	0.66	8.74	22%			0.00	0.00	0%	No Fishing		1.62	12.59	25%
29-Jun	24.1	1	0.04	0.04	6%	24.0	36	1.50	10.24	26%			0.00	0.00	0%	53.0	53	1.00	13.59	27%
30-Jun	23.7	1	0.04	0.08	12%	24.0	64	2.67	12.91	33%			0.00	0.00	0%	19.1	38	1.99	15.58	31%
1-Jul	9.8	0	0.00	0.08	12%	24.1	75	3.11	16.02	41%			0.00	0.00	0%	24.2	72	2.98	18.56	37%
2-Jul	7.0	0	0.00	0.08	12%	23.9	66	2.76	18.78	48%			0.00	0.00	0%	10.3	27	2.62	21.18	43%
3-Jul	24.0	0	0.00	0.08	12%	24.1	29	1.20	19.98	51%			0.00	0.00	0%	No Fishing		2.10	23.27	47%
4-Jul	23.8	0	0.00	0.08	12%	23.9	28	1.17	21.15	54%			0.00	0.00	0%	24.2	38	1.57	24.84	50%
5-Jul	23.9	0	0.00	0.08	12%	12.2	11	0.90	22.06	56%			0.00	0.00	0%	24.0	32	1.33	26.18	53%
6-Jul	9.2	1	0.11	0.19	28%	24.0	7	0.29	22.35	57%			0.00	0.00	0%	24.0	23	0.96	27.13	55%
7-Jul	No Fishing		0.08	0.27	40%	24.4	2	0.08	22.43	57%			0.00	0.00	0%	24.1	29	1.20	28.34	57%
8-Jul	23.2	1	0.04	0.31	46%	24.5	2	0.08	22.51	57%	24.1	2	0.08	0.08	2%	23.9	27	1.13	29.47	60%
9-Jul	24.1	0	0.00	0.31	46%	23.8	4	0.17	22.68	58%	24.0	1	0.04	0.12	3%	11.6	22	1.90	31.36	63%
10-Jul	23.9	0	0.00	0.31	46%	23.9	3	0.13	22.80	58%	24.3	5	0.21	0.33	8%	No Fishing		3.30	34.67	70%
11-Jul	24.1	0	0.00	0.31	46%	24.2	3	0.12	22.93	58%	11.2	1	0.09	0.42	10%	24.4	115	4.71	39.38	80%
12-Jul	24.4	0	0.00	0.31	46%	12.4	1	0.08	23.01	58%	No Fishing		0.07	0.49	12%	23.9	52	2.18	41.56	84%
13-Jul	8.6	0	0.00	0.31	46%	24.0	2	0.08	23.09	59%	23.3	1	0.04	0.53	13%	23.9	36	1.51	43.06	87%
14-Jul	No Fishing		0.00	0.31	46%	24.6	3	0.12	23.21	59%	23.9	0	0.00	0.53	13%	23.9	14	0.59	43.65	88%
15-Jul	24.3	0	0.00	0.31	46%	23.0	2	0.09	23.30	59%	No Fishing		0.10	0.63	15%	24.1	9	0.37	44.02	89%
16-Jul	23.9	0	0.00	0.31	46%	24.1	3	0.12	23.43	60%	48.4	10	0.21	0.84	20%	10.8	7	0.65	44.67	90%
17-Jul	24.3	3	0.12	0.43	64%	24.0	14	0.58	24.01	61%	23.8	2	0.08	0.92	22%	No Fishing		0.61	45.29	91%
18-Jul	33.8	4	0.12	0.55	81%	26.4	24	0.91	24.92	63%	10.9	0	0.00	0.92	22%	24.1	14	0.58	45.87	93%
19-Jul	24.1	0	0.00	0.55	81%	24.0	21	0.88	25.79	66%	No Fishing		0.39	1.32	32%	24.0	12	0.50	46.37	94%
20-Jul	No Fishing		0.02	0.57	84%	24.0	18	0.75	26.54	67%	24.2	19	0.79	2.10	51%	24.0	6	0.25	46.62	94%
21-Jul	No Fishing		0.02	0.59	88%	24.0	15	0.63	27.17	69%	23.8	22	0.92	3.02	74%	24.8	8	0.32	46.94	9[illegible]
22-Jul	24.2	1	0.04	0.64	94%	24.2	13	0.54	27.71	70%	24.0	18	0.75	3.77	92%	24.0	6	0.25	47.19	
23-Jul	24.9	0	0.00	0.64	94%	26.8	10	0.37	28.08	71%	24.3	3	0.12	3.90	95%	25.4	3	0.12	47.31	
24-Jul	23.1	1	0.04	0.68	100%	12.9	23	1.78	29.86	76%	23.8	4	0.17	4.07	99%	No Fishing		0.24	47.54	9[illegible]
25-Jul			0.00	0.68	100%	24.1	41	1.70	31.56	80%	10.3	0	0.00	4.07	99%	No Fishing		0.24	47.78	96%
26-Jul			0.00	0.68	100%	12.0	22	1.83	33.40	85%	No Fishing		0.00	4.07	99%	No Fishing		0.24	48.01	97%
27-Jul			0.00	0.68	100%	24.0	15	0.63	34.02	86%	23.4	0	0.00	4.07	99%	22.7	8	0.35	48.37	98%
28-Jul			0.00	0.68	100%	24.2	7	0.29	34.31	87%	24.3	1	0.04	4.11	100%	24.3	5	0.21	48.57	98%
29-Jul			0.00	0.68	100%	24.2	7	0.29	34.60	88%			0.00	4.11	100%	23.6	4	0.17	48.74	98%
30-Jul			0.00	0.68	100%	23.9	3	0.13	34.73	88%			0.00	4.11	100%	11.3	1	0.09	48.83	99%
31-Jul			0.00	0.68	100%	24.5	10	0.41	35.13	89%			0.00	4.11	100%	No Fishing		0.04	48.87	99%
1-Aug			0.00	0.68	100%	No Fishing		0.49	35.63	91%			0.00	4.11	100%	24.0	0	0.00	48.87	99%
2-Aug			0.00	0.68	100%	No Fishing		0.49	36.12	92%			0.00	4.11	100%	24.0	1	0.04	48.92	99%
3-Aug			0.00	0.68	100%	No Fishing		0.49	36.61	93%			0.00	4.11	100%	24.1	1	0.04	48.96	99%
4-Aug			0.00	0.68	100%	No Fishing		0.49	37.11	94%			0.00	4.11	100%	23.9	2	0.08	49.04	99%
5-Aug			0.00	0.68	100%	24.2	14	0.58	37.69	96%			0.00	4.11	100%	24.2	1	0.04	49.08	99%
6-Aug			0.00	0.68	100%	24.2	6	0.25	37.93	96%			0.00	4.11	100%	10.2	1	0.10	49.18	99%
7-Aug			0.00	0.68	100%	23.7	7	0.30	38.23	97%			0.00	4.11	100%	No Fishing		0.09	49.27	99%
8-Aug			0.00	0.68	100%	24.4	1	0.04	38.27	97%			0.00	4.11	100%	23.9	2	0.08	49.35	100%
9-Aug			0.00	0.68	100%	11.9	2	0.17	38.44	98%			0.00	4.11	100%	24.1	1	0.04	49.40	100%
10-Aug			0.00	0.68	100%	No Fishing		0.21	38.65	98%			0.00	4.11	100%	No Fishing		0.04	49.44	100%
11-Aug			0.00	0.68	100%	24.0	6	0.25	38.90	99%			0.00	4.11	100%	47.9	2	0.04	49.48	100%
12-Aug			0.00	0.68	100%	24.2	2	0.08	38.98	99%			0.00	4.11	100%	23.9	0	0.00	49.48	100%
13-Aug			0.00	0.68	100%	24.0	0	0.00	38.98	99%			0.00	4.11	100%	9.1	0	0.00	49.48	100%
14-Aug			0.00	0.68	100%	24.1	1	0.04	39.02	99%			0.00	4.11	100%	No Fishing		0.00	49.48	100%
15-Aug			0.00	0.68	100%	24.1	3	0.12	39.15	99%			0.00	4.11	100%	16.1	0	0.00	49.48	100%
16-Aug			0.00	0.68	100%	No Fishing		0.08	39.23	100%			0.00	4.11	100%	23.9	1	0.04	49.52	100%
17-Aug			0.00	0.68	100%	24.0	1	0.04	39.27	100%			0.00	4.11	100%	23.9	0	0.00	49.52	100%
18-Aug			0.00	0.68	100%	23.9	0	0.00	39.27	100%			0.00	4.11	100%	23.9	0	0.00	49.52	100%
19-Aug			0.00	0.68	100%	24.1	1	0.04	39.31	100%			0.00	4.11	100%	No Fishing		0.00	49.52	100%
20-Aug			0.00	0.68	100%	24.0	1	0.04	39.35	100%			0.00	4.11	100%	33.9	0	0.00	49.52	100%
21-Aug			0.00	0.68	100%			0.00	39.35	100%			0.00	4.11	100%			0.00	49.52	100%
22-Aug			0.00	0.68	100%			0.00	39.35	100%			0.00	4.11	100%			0.00	49.52	100%
23-Aug			0.00	0.68	100%			0.00	39.35	100%			0.00	4.11	100%			0.00	49.52	100%
24-Aug			0.00	0.68	100%			0.00	39.35	100%			0.00	4.11	100%			0.00	49.52	100%
25-Aug			0.00	0.68	100%			0.00	39.35	100%			0.00	4.11	100%			0.00	49.52	100%
26-Aug			0.00	0.68	100%			0.00	39.35	100%			0.00	4.11	100%			0.00	49.52	100%
27-Aug			0.00	0.68	100%			0.00	39.35	100%			0.00	4.11	100%			0.00	49.52	100%
28-Aug			0.00	0.68	100%			0.00	39.35	100%			0.00	4.11	100%			0.00	49.52	100%
29-Aug			0.00	0.68	100%			0.00	39.35	100%			0.00	4.11	100%			0.00	49.52	100%
30-Aug			0.00	0.68	100%			0.00	39.35	100%			0.00	4.11	100%			0.00	49.52	100%
31-Aug			0.00	0.68	100%			0.00	39.35	100%			0.00	4.11	100%			0.00	49.52	100%
1-Sep			0.00	0.68	100%			0.00	39.35	100%			0.00	4.11	100%			0.00	49.52	100%
2-Sep			0.00	0.68	100%			0.00	39.35	100%			0.00	4.11	100%			0.00	49.52	100%
3-Sep			0.00	0.68	100%			0.00	39.35	100%			0.00	4.11	100%			0.00	49.52	1[illegible]
Totals	470.4	13				1,258.0	832				392.2	89				1,131.8	862			

	1985	1986	1987	1988
Mean cumulative proportion date	7/17/85	7/3/86	7/20/87	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 5).

Date	1989 Pink Salmon[a]					1990 Pink Salmon[a]					1991 Pink Salmon[b]					1992 Pink Salmon[b]				
	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
14-Jun			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
15-Jun			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
16-Jun			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
17-Jun			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
18-Jun			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
19-Jun			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
20-Jun			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
21-Jun			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
22-Jun			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
23-Jun			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%	17.7	4	0.17	0.17	0%
24-Jun			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%	23.8	5	0.21	0.38	0%
25-Jun			0.00	0.00	0%	30.0	15	0.50	0.50	1%			0.00	0.00	0%	24.0	20	0.83	1.21	1%
26-Jun			0.00	0.00	0%	21.8	39	1.79	2.29	5%			0.00	0.00	0%	24.0	12	0.50	1.71	2%
27-Jun			0.00	0.00	0%	23.8	20	0.84	3.13	8%			0.00	0.00	0%	24.0	21	0.88	2.59	3%
28-Jun			0.00	0.00	0%	23.5	19	0.81	3.94	9%			0.00	0.00	0%	24.2	24	0.99	3.58	4%
29-Jun	24.0	7	0.29	0.29	0%	24.2	26	1.07	5.01	12%			0.00	0.00	0%	23.8	14	0.59	4.17	4%
30-Jun	No Fishing		0.36	0.65	1%	9.3	11	1.18	6.20	15%			0.00	0.00	0%	24.0	27	1.13	5.29	5%
1-Jul	34.8	15	0.43	1.08	1%	No Fishing		0.88	7.07	17%	23.6	5	0.21	0.21	1%	24.0	43	1.79	7.08	7%
2-Jul	No Fishing		0.24	1.32	2%	22.9	13	0.57	7.64	18%	24.0	1	0.04	0.25	1%	24.0	29	1.21	8.29	9%
3-Jul	24.1	1	0.04	1.36	2%	24.3	17	0.70	8.34	20%	24.0	7	0.29	0.55	3%	24.7	85	3.44	11.73	12%
4-Jul	24.0	2	0.08	1.45	2%	24.0	11	0.46	8.80	21%	24.0	2	0.08	0.63	3%	23.3	60	2.58	14.31	15%
5-Jul	23.9	3	0.13	1.57	2%	23.8	10	0.42	9.22	22%	24.0	12	0.50	1.13	6%	24.0	67	2.79	17.10	18%
6-Jul	24.1	5	0.21	1.78	2%	23.8	28	1.18	10.39	25%	8.7	3	0.34	1.47	8%	24.1	39	1.62	18.72	19%
7-Jul	24.0	2	0.08	1.86	3%	9.9	7	0.71	11.10	27%	No Fishing		0.34	1.81	9%	23.8	52	2.18	20.90	22%
8-Jul	10.0	0	0.00	1.86	3%	No Fishing		1.04	12.14	29%	24.0	8	0.33	2.15	11%	24.0	55	2.29	23.20	24%
9-Jul	No Fishing		0.25	2.11	3%	24.1	33	1.37	13.51	32%	24.0	17	0.71	2.85	15%	24.0	92	3.83	27.03	28%
10-Jul	24.1	12	0.50	2.61	4%	23.6	35	1.48	14.99	36%	24.0	26	1.08	3.94	20%	25.0	113	4.52	31.55	33%
11-Jul	23.9	12	0.50	3.11	4%	24.3	32	1.32	16.31	39%	23.9	7	0.29	4.23	22%	24.0	54	2.25	33.80	35%
12-Jul	24.0	16	0.67	3.78	5%	23.9	31	1.30	17.60	42%	24.1	4	0.17	4.40	22%	23.0	115	5.00	38.80	40%
13-Jul	24.0	16	0.67	4.44	6%	23.8	44	1.85	19.45	47%	8.5	5	0.59	4.98	25%	24.0	164	6.83	45.63	47%
14-Jul	24.0	34	1.42	5.86	8%	9.8	23	2.35	21.80	52%	No Fishing		0.36	5.34	27%	24.0	98	4.08	49.72	52%
15-Jul	10.2	36	3.49	11.35	16%	No Fishing		2.22	24.02	58%	23.9	3	0.13	5.47	28%	24.0	112	4.67	54.38	56%
16-Jul	No Fishing		5.60	16.95	23%	23.3	49	2.10	26.13	63%	24.0	5	0.21	5.68	29%	24.0	111	4.63	59.01	61%
17-Jul	14.0	80	5.71	22.67	31%	24.0	34	1.42	27.54	66%	24.2	16	0.66	6.34	32%	24.0	73	3.04	62.05	64%
18-Jul	24.2	117	4.83	27.50	38%	24.0	50	2.08	29.63	71%	24.0	22	0.92	7.25	37%	6.8	20	2.94	64.99	67%
19-Jul	24.1	191	7.93	35.43	49%	23.9	56	2.34	31.97	77%	24.0	4	0.17	7.42	38%	No Fishing		3.80	68.79	71%
20-Jul	24.1	189	7.84	43.27	59%	24.4	66	2.70	34.68	83%	8.9	0	0.00	7.42	38%	27.3	127	4.65	73.44	76%
	24.0	144	6.00	49.27	68%	9.7	33	3.40	38.08	91%	No Fishing		0.35	7.77	40%	22.7	78	3.44	76.87	80%
	10.0	54	5.40	54.67	75%	No Fishing		1.91	39.99	96%	24.0	17	0.71	8.48	43%	24.0	62	2.58	79.46	82%
	[illegible] Fishing		3.85	58.52	80%	23.7	10	0.42	40.41	97%	24.0	22	0.92	9.40	48%	24.0	48	2.00	81.46	84%
[illegible]	28.8	66	2.29	60.81	84%	23.8	7	0.29	40.71	98%	24.0	14	0.58	9.98	51%	24.4	44	1.80	83.26	86%
25-Jul	18.3	32	1.75	62.56	86%	24.3	4	0.16	40.87	98%	23.8	4	0.17	10.15	52%	6.0	16	2.67	85.93	89%
26-Jul	23.8	55	2.31	64.87	89%	23.4	3	0.13	41.00	98%	24.1	4	0.17	10.32	53%	No Fishing		1.96	87.89	91%
27-Jul	24.5	65	2.65	67.52	93%	24.4	3	0.12	41.12	99%	9.0	4	0.44	10.76	55%	23.8	30	1.26	89.15	92%
28-Jul	23.7	27	1.14	68.66	94%	7.9	0	0.00	41.12	99%	No Fishing		0.56	11.32	58%	23.9	22	0.92	90.07	93%
29-Jul	10.2	15	1.47	70.13	96%	No Fishing		0.06	41.18	99%	23.9	16	0.67	11.99	61%	24.0	18	0.75	90.82	94%
30-Jul	No Fishing		0.84	70.97	98%	24.3	3	0.12	41.31	99%	24.0	14	0.58	12.57	64%	24.0	8	0.33	91.16	94%
31-Jul	24.3	5	0.21	71.17	98%	24.0	2	0.08	41.39	99%	24.0	15	0.63	13.20	67%	24.0	12	0.50	91.66	95%
1-Aug	23.8	8	0.34	71.51	98%	23.7	2	0.08	41.47	100%	24.0	15	0.63	13.82	70%	6.2	3	0.48	92.14	95%
2-Aug	24.5	6	0.24	71.75	99%	23.9	0	0.00	41.47	100%	24.0	20	0.83	14.65	75%	No Fishing		0.28	92.42	96%
3-Aug	23.8	5	0.21	71.96	99%	25.3	0	0.00	41.47	100%	8.1	14	1.73	16.38	84%	23.8	2	0.08	92.51	96%
4-Aug	24.0	0	0.00	71.96	99%	7.5	0	0.00	41.47	100%	No Fishing		1.08	17.46	89%	23.9	1	0.04	92.55	96%
5-Aug	10.2	1	0.10	72.06	99%	No Fishing		0.00	41.47	100%	23.7	10	0.42	17.88	91%	24.0	1	0.04	92.59	96%
6-Aug	No Fishing		0.11	72.17	99%	23.2	0	0.00	41.47	100%	24.0	9	0.38	18.25	93%	24.0	4	0.17	92.76	96%
7-Aug	24.3	3	0.12	72.30	99%	24.0	3	0.13	41.60	100%	24.0	6	0.25	18.50	94%	24.0	1	0.04	92.80	96%
8-Aug	23.9	4	0.17	72.46	100%	24.0	0	0.00	41.60	100%	24.2	2	0.08	18.59	95%	6.8	1	0.15	92.95	96%
9-Aug	24.2	2	0.08	72.55	100%	23.8	0	0.00	41.60	100%	23.8	3	0.13	18.71	95%	No Fishing		0.20	93.15	97%
10-Aug	23.8	2	0.08	72.63	100%	23.8	1	0.04	41.64	100%	9.1	3	0.33	19.04	97%	23.6	6	0.25	93.40	97%
11-Aug	No Fishing		0.04	72.67	100%			0.00	41.64	100%	No Fishing		0.19	19.23	98%	24.0	9	0.38	93.78	97%
12-Aug	33.8	0	0.00	72.67	100%			0.00	41.64	100%	23.9	1	0.04	19.27	98%	7.8	6	0.77	94.55	98%
13-Aug	No Fishing		0.02	72.69	100%			0.00	41.64	100%	24.0	1	0.04	19.31	99%	15.6	3	0.19	94.74	98%
14-Aug	24.0	1	0.04	72.74	100%			0.00	41.64	100%	24.0	1	0.04	19.35	99%	23.9	4	0.17	94.91	98%
15-Aug			0.00	72.74	100%			0.00	41.64	100%	24.0	1	0.04	19.40	99%	6.8	1	0.15	95.05	98%
16-Aug			0.00	72.74	100%			0.00	41.64	100%	24.0	0	0.00	19.40	99%	No Fishing		0.22	95.27	99%
17-Aug			0.00	72.74	100%			0.00	41.64	100%	9.0	1	0.11	19.51	100%	23.8	7	0.29	95.57	99%
18-Aug			0.00	72.74	100%			0.00	41.64	100%	No Fishing		0.06	19.56	100%	24.3	3	0.12	95.69	99%
19-Aug			0.00	72.74	100%			0.00	41.64	100%	23.8	0	0.00	19.56	100%	23.8	2	0.08	95.77	99%
20-Aug			0.00	72.74	100%			0.00	41.64	100%	24.0	0	0.00	19.56	100%	24.0	2	0.08	95.86	99%
21-Aug			0.00	72.74	100%			0.00	41.64	100%	24.0	0	0.00	19.56	100%	24.0	1	0.04	95.90	99%
22-Aug			0.00	72.74	100%			0.00	41.64	100%	24.0	1	0.04	19.60	100%	7.5	0	0.00	95.90	99%
23-Aug			0.00	72.74	100%			0.00	41.64	100%	24.0	0	0.00	19.60	100%	No Fishing		0.04	95.94	99%
24-Aug			0.00	72.74	100%			0.00	41.64	100%	8.5	0	0.00	19.60	100%	24.1	2	0.08	96.02	100%
25-Aug			0.00	72.74	100%			0.00	41.64	100%			0.00	19.60	100%	24.0	1	0.04	96.07	100%
26-Aug			0.00	72.74	100%			0.00	41.64	100%			0.00	19.60	100%	24.0	1	0.04	96.11	100%
27-Aug			0.00	72.74	100%			0.00	41.64	100%			0.00	19.60	100%	24.0	1	0.04	96.15	100%
28-Aug			0.00	72.74	100%			0.00	41.64	100%			0.00	19.60	100%	24.0	1	0.04	96.19	100%
29-Aug			0.00	72.74	100%			0.00	41.64	100%			0.00	19.60	100%	7.2	1	0.14	96.33	100%
30-Aug			0.00	72.74	100%			0.00	41.64	100%			0.00	19.60	100%	No Fishing		0.09	96.42	100%
31-Aug			0.00	72.74	100%			0.00	41.64	100%			0.00	19.60	100%	23.5	1	0.04	96.46	100%
1-Sep			0.00	72.74	100%			0.00	41.64	100%			0.00	19.60	100%	23.7	0	0.00	96.46	100%
			0.00	72.74	100%			0.00	41.64	100%			0.00	19.60	100%	24.0	0	0.00	96.46	100%
			0.00	72.74	100%			0.00	41.64	100%			0.00	19.60	100%	24.0	1	0.04	96.50	100%
	533.4	1,253				895.1	740				1,028.7	345				1432.6	2,039			

Mean cumulative proportion date (1989)	7/20/89
Mean cumulative proportion date (1990)	7/14/90
Mean cumulative proportion date (1991)	7/24/91
Mean cumulative proportion date (1992)	7/14/92

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

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	1993 Pink Salmon[a]					1994 Pink Salmon[b]					1995 Pink Salmon[b]					1996 Pink Salmon[b,c]				
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
14-Jun			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
15-Jun			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
16-Jun			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
17-Jun			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%	24.0	3	0.13	0.13	0%
18-Jun			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%	24.0	3	0.13	0.25	0%
19-Jun			0.00	0.00	0%	24.0	2	0.08	0.08	0%			0.00	0.00	0%	24.0	1	0.04	0.29	0%
20-Jun			0.00	0.00	0%	24.0	1	0.04	0.13	0%			0.00	0.00	0%	24.0	2	0.08	0.38	0%
21-Jun			0.00	0.00	0%	24.0	17	0.71	0.83	0%			0.00	0.00	0%	24.0	0	0.00	0.38	0%
22-Jun			0.00	0.00	0%	24.0	39	1.63	2.46	1%			0.00	0.00	0%	24.0	1	0.04	0.42	0%
23-Jun			0.00	0.00	0%	24.0	44	1.83	4.29	2%			0.00	0.00	0%	24.0	12	0.50	0.92	1%
24-Jun			0.00	0.00	0%	24.0	32	1.33	5.63	2%			0.00	0.00	0%	24.0	18	0.75	1.67	1%
25-Jun	24.0	1	0.04	0.04	0%	24.0	44	1.83	7.46	3%			0.00	0.00	0%	24.0	24	1.00	2.67	2%
26-Jun	23.7	0	0.00	0.04	0%	24.0	52	2.17	9.63	4%			0.00	0.00	0%	24.0	26	1.08	3.75	3%
27-Jun	22.6	0	0.00	0.04	0%	24.0	70	2.92	12.54	5%			0.00	0.00	0%	24.0	66	2.75	6.50	6%
28-Jun	23.8	0	0.00	0.04	0%	24.0	47	1.96	14.50	5%			0.00	0.00	0%	24.0	49	2.04	8.54	7%
29-Jun	24.0	0	0.00	0.04	0%	24.0	69	2.88	17.38	7%			0.00	0.00	0%	8.0	10	1.25	9.79	8%
30-Jun	24.0	0	0.00	0.04	0%	24.0	116	4.83	22.21	8%			0.00	0.00	0%	No Fishing		0.83	10.63	9%
1-Jul	24.0	1	0.04	0.08	1%	24.0	87	3.63	25.83	10%			0.00	0.00	0%	24.0	10	0.42	11.04	10%
2-Jul	24.0	1	0.04	0.13	1%	24.0	82	3.42	29.25	11%			0.00	0.00	0%	24.0	19	0.79	11.83	10%
3-Jul	8.5	0	0.00	0.13	1%	24.0	93	3.88	33.13	13%			0.00	0.00	0%	24.0	34	1.42	13.25	11%
4-Jul	No Fishing		0.08	0.21	2%	24.0	106	4.42	37.54	14%			0.00	0.00	0%	24.0	42	1.75	15.00	13%
5-Jul	23.7	4	0.17	0.38	4%	24.0	155	6.46	44.00	17%			0.00	0.00	0%	24.0	53	2.21	17.21	15%
6-Jul	24.0	4	0.17	0.54	5%	24.0	200	8.33	52.33	20%			0.00	0.00	0%	8.0	38	4.75	21.96	19%
7-Jul	24.0	5	0.21	0.75	7%	15.0	116	7.73	60.07	23%			0.00	0.00	0%	No Fishing		4.04	26.00	23%
8-Jul	24.0	10	0.42	1.17	11%	15.0	140	9.33	69.40	26%			0.00	0.00	0%	24.0	80	3.33	29.33	25%
9-Jul	24.0	11	0.46	1.63	16%	9.0	95	10.56	79.96	30%			0.00	0.00	0%	24.0	98	4.08	33.42	29%
10-Jul	9.0	1	0.11	1.74	17%	No Fishing		11.13	91.08	34%			0.00	0.00	0%	24.0	153	6.38	39.79	34%
11-Jul	No Fishing		0.62	2.36	23%	23.5	275	11.70	102.79	39%	24.0	2	0.08	0.08	1%	24.0	95	3.96	43.75	38%
12-Jul	24.0	27	1.13	3.48	34%	15.0	196	13.07	115.85	44%	24.0	9	0.38	0.46	3%	24.0	96	4.00	47.75	41%
13-Jul	24.0	19	0.79	4.27	42%	15.0	187	12.47	128.32	48%	24.0	5	0.21	0.67	5%	8.0	37	4.63	52.38	45%
14-Jul	24.0	21	0.88	5.15	50%	15.0	296	19.73	148.05	56%	24.0	10	0.42	1.08	8%	No Fishing		4.50	56.88	49%
15-Jul	24.0	14	0.58	5.73	56%	15.0	182	12.13	160.19	61%	8.5	9	1.06	2.14	16%	24.0	105	4.38	61.25	53%
16-Jul	24.0	24	1.00	6.73	66%	8.0	114	14.25	174.44	66%	No Fishing		0.89	3.03	22%	24.0	103	4.29	65.54	57%
17-Jul	8.5	6	0.71	7.44	72%	No Fishing		10.23	184.66	70%	23.5	17	0.72	3.76	28%	24.0	66	2.75	68.29	59%
18-Jul	No Fishing		0.37	7.81	76%	15.0	93	6.20	190.86	72%	24.0	13	0.54	4.30	32%	24.0	90	3.75	72.04	62%
19-Jul	24.0	1	0.04	7.85	77%	15.0	88	5.87	196.73	74%	24.0	6	0.25	4.55	34%	24.0	98	4.08	76.13	66%
20-Jul	24.0	0	0.00	7.85	77%	15.0	112	7.47	204.19	77%	24.0	8	0.33	4.88	36%	8.0	20	2.50	78.63	68%
21-Jul	24.0	2	0.08	7.94	77%	15.0	102	6.80	210.99	80%	24.0	27	1.13	6.01	44%	No Fishing		2.42	81.04	[illegible]
22-Jul	24.0	0	0.00	7.94	77%	15.0	97	6.47	217.46	82%	8.0	7	0.88	6.88	51%	24.0	56	2.33	83.38	[illegible]
23-Jul	24.0	1	0.04	7.98	78%	8.0	100	12.50	229.96	87%	No Fishing		0.46	7.34	54%	24.0	47	1.96	85.33	[illegible]
24-Jul	8.5	1	0.12	8.10	79%	No Fishing		9.15	239.11	90%	24.0	1	0.04	7.38	54%	24.0	22	0.92	86.25	[illegible]
25-Jul	No Fishing		0.08	8.18	80%	15.0	87	5.80	244.91	93%	24.0	8	0.33	7.72	57%	24.0	39	1.63	87.88	76%
26-Jul	23.7	1	0.04	8.22	80%	15.0	58	3.87	248.78	94%	24.0	2	0.08	7.80	57%	24.0	17	0.71	88.58	77%
27-Jul	23.8	2	0.08	8.30	81%	15.0	73	4.87	253.64	96%	24.0	1	0.04	7.84	58%	8.0	15	1.88	90.46	78%
28-Jul	24.0	2	0.08	8.39	82%	15.0	47	3.13	256.78	97%	24.0	4	0.17	8.01	59%	No Fishing		1.96	92.42	80%
29-Jul	24.0	3	0.13	8.51	83%	15.0	38	2.53	259.31	98%	8.0	8	1.00	9.01	66%	24.0	49	2.04	94.46	82%
30-Jul	24.0	3	0.13	8.64	84%	8.5	23	1.53	260.84	99%	No Fishing		0.63	9.63	71%	24.0	43	1.79	96.25	83%
31-Jul	8.5	2	0.24	8.87	86%	No Fishing		1.42	262.27	99%	24.0	6	0.25	9.88	73%	24.0	152	6.33	102.58	89%
1-Aug	No Fishing		0.18	9.05	88%	23.5	31	1.32	263.58	100%	24.0	11	0.46	10.34	76%	24.0	21	0.88	103.46	90%
2-Aug	23.5	3	0.13	9.18	89%	24.0	11	0.46	264.04	100%	24.0	12	0.50	10.84	80%	24.0	12	0.50	103.96	90%
3-Aug	24.0	8	0.33	9.51	93%	24.0	1	0.04	264.08	100%	24.0	15	0.63	11.47	84%	No Fishing		0.96	104.92	91%
4-Aug	24.0	4	0.17	9.68	94%	24.0	1	0.04	264.13	100%	24.0	15	0.63	12.09	89%	No Fishing		0.96	105.88	92%
5-Aug	24.0	0	0.00	9.68	94%	24.0	0	0.00	264.13	100%	8.0	2	0.25	12.34	91%	24.0	34	1.42	107.29	93%
6-Aug	24.0	1	0.04	9.72	95%	8.5	0	0.00	264.13	100%	No Fishing		0.25	12.59	93%	24.0	72	3.00	110.29	95%
7-Aug	8.5	0	0.00	9.72	95%	No Fishing		0.02	264.15	100%	24.0	6	0.25	12.84	95%	24.0	41	1.71	112.00	97%
8-Aug	No Fishing		0.06	9.78	95%	23.5	1	0.04	264.19	100%	24.0	7	0.29	13.13	97%	24.0	3	0.13	112.13	97%
9-Aug	24.0	3	0.13	9.91	97%	24.0	2	0.08	264.27	100%	24.0	6	0.25	13.38	99%	24.0	12	0.50	112.63	97%
10-Aug	24.0	0	0.00	9.91	97%	24.0	2	0.08	264.36	100%	24.0	0	0.00	13.38	99%	8.0	7	0.88	113.50	98%
11-Aug	24.0	1	0.04	9.95	97%	24.0	1	0.04	264.40	100%	24.0	0	0.00	13.38	99%	No Fishing		0.67	114.17	99%
12-Aug	24.0	1	0.04	9.99	97%	24.0	0	0.00	264.40	100%	8.0	0	0.00	13.38	99%	24.0	11	0.46	114.63	99%
13-Aug	24.0	3	0.13	10.12	99%	8.0	3	0.13	264.52	100%	No Fishing		0.02	13.40	99%	24.0	2	0.08	114.71	99%
14-Aug	8.5	0	0.00	10.12	99%	No Fishing		0.06	264.59	100%	24.0	1	0.04	13.44	99%	24.0	0	0.00	114.71	99%
15-Aug	No Fishing		0.02	10.14	99%	23.5	0	0.00	264.59	100%	24.0	0	0.00	13.44	99%	24.0	2	0.08	114.79	99%
16-Aug	23.5	1	0.04	10.18	99%			0.00	264.59	100%	24.0	0	0.00	13.44	99%	24.0	2	0.08	114.88	99%
17-Aug	24.0	1	0.04	10.22	100%			0.00	264.59	100%	24.0	1	0.04	13.49	99%	8.0	1	0.13	115.00	100%
18-Aug	24.0	0	0.00	10.22	100%			0.00	264.59	100%	24.0	2	0.08	13.57	100%	No Fishing		0.06	115.06	100%
19-Aug	24.0	1	0.04	10.26	100%			0.00	264.59	100%			0.00	13.57	100%	24.0	0	0.00	115.06	100%
20-Aug			0.00	10.26	100%			0.00	264.59	100%			0.00	13.57	100%	24.0	0	0.00	115.06	100%
21-Aug			0.00	10.26	100%			0.00	264.59	100%			0.00	13.57	100%	24.0	2	0.08	115.15	100%
22-Aug			0.00	10.26	100%			0.00	264.59	100%			0.00	13.57	100%	24.0	1	0.04	115.19	100%
23-Aug			0.00	10.26	100%			0.00	264.59	100%			0.00	13.57	100%	24.0	2	0.08	115.27	100%
24-Aug			0.00	10.26	100%			0.00	264.59	100%			0.00	13.57	100%	8.0	0	0.00	115.27	100%
25-Aug			0.00	10.26	100%			0.00	264.59	100%			0.00	13.57	100%	No Fishing		0.02	115.29	100%
26-Aug			0.00	10.26	100%			0.00	264.59	100%			0.00	13.57	100%	24.0	1	0.04	115.33	100%
27-Aug			0.00	10.26	100%			0.00	264.59	100%			0.00	13.57	100%	24.0	0	0.00	115.33	100%
28-Aug			0.00	10.26	100%			0.00	264.59	100%			0.00	13.57	100%	24.0	2	0.08	115.42	100%
29-Aug			0.00	10.26	100%			0.00	264.59	100%			0.00	13.57	100%	24.0	0	0.00	115.42	100%
30-Aug			0.00	10.26	100%			0.00	264.59	100%			0.00	13.57	100%	24.0	0	0.00	115.42	100%
31-Aug			0.00	10.26	100%			0.00	264.59	100%			0.00	13.57	100%	8.0	0	0.00	115.42	100%
1-Sep			0.00	10.26	100%			0.00	264.59	100%			0.00	13.57	100%	No Fishing		0.02	115.44	100%
2-Sep			0.00	10.26	100%			0.00	264.59	100%			0.00	13.57	100%	24.0	1	0.04	115.48	100%
3-Sep			0.00	10.26	100%			0.00	264.59	100%			0.00	13.57	100%	24.0	1	0.04	115.52	
Totals	1,066.3	194				1,008.0	3,816				736.0	221				1,488.0	2,122			

	Mean cumulative proportion date
1993	7/14/93
1994	7/14/94
1995	7/22/95
1996	7/14/96

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

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

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

- continued -

Table 3. (Page 5 of 5).

1997 Pink Salmon

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	24.0	4	0.17	0.17	1%
5-Jul	8.0	1	0.13	0.29	1%
6-Jul	No Fishing		0.15	0.44	2%
7-Jul	24.0	4	0.17	0.60	2%
8-Jul	24.0	7	0.29	0.90	4%
9-Jul	24.0	2	0.08	0.98	4%
10-Jul	24.0	2	0.08	1.06	4%
11-Jul	24.0	4	0.17	1.23	5%
12-Jul	8.0	4	0.50	1.73	7%
13-Jul	No Fishing		0.52	2.25	9%
14-Jul	24.0	13	0.54	2.79	11%
15-Jul	24.0	14	0.58	3.38	14%
16-Jul	24.0	23	0.96	4.33	17%
17-Jul	24.0	27	1.13	5.46	22%
18-Jul	24.0	24	1.00	6.46	26%
19-Jul	8.0	13	1.63	8.08	32%
20-Jul	No Fishing		1.48	9.56	38%
	24.0	32	1.33	10.89	44%
	24.0	32	1.33	12.23	49%
	24.0	40	1.67	13.90	56%
[illegible]	24.0	28	1.17	15.06	60%
25-Jul	24.0	32	1.33	16.40	66%
26-Jul	8.0	10	1.25	17.65	71%
27-Jul	No Fishing		1.13	18.77	75%
28-Jul	24.0	24	1.00	19.77	79%
29-Jul	24.0	36	1.50	21.27	85%
30-Jul	24.0	25	1.04	22.31	89%
31-Jul	24.0	17	0.71	23.02	92%
1-Aug	24.0	7	0.29	23.31	93%
2-Aug	8.0	2	0.25	23.56	94%
3-Aug	No Fishing		0.29	23.85	96%
4-Aug	24.0	10	0.42	24.27	97%
5-Aug	24.0	8	0.33	24.60	99%
6-Aug	24.0	6	0.25	24.85	100%
7-Aug	24.0	0	0.00	24.85	100%
8-Aug	24.0	1	0.04	24.90	100%
9-Aug	8.0	0	0.00	24.90	100%
10-Aug	No Fishing		0.00	24.90	100%
11-Aug	24.0	0	0.00	24.90	100%
12-Aug	24.0	0	0.00	24.90	100%
13-Aug	24.0	0	0.00	24.90	100%
14-Aug	24.0	1	0.04	24.94	100%
15-Aug	24.0	0	0.00	24.94	100%
16-Aug	8.0	0	0.00	24.94	100%
17-Aug	No Fishing		0.00	24.94	100%
18-Aug	24.0	0	0.00	24.94	100%
19-Aug	24.0	0	0.00	24.94	100%
20-Aug	24.0	0	0.00	24.94	100%
21-Aug	24.0	0	0.00	24.94	100%
22-Aug	24.0	0	0.00	24.94	100%
23-Aug	8.0	0	0.00	24.94	100%
24-Aug	No Fishing		0.00	24.94	100%
25-Aug	24.0	0	0.00	24.94	100%
26-Aug	24.0	0	0.00	24.94	100%
27-Aug	24.0	0	0.00	24.94	100%
28-Aug	24.0	0	0.00	24.94	100%
29-Aug	24.0	0	0.00	24.94	100%
30-Aug	8.0	0	0.00	24.94	100%
31-Aug	No Fishing		0.00	24.94	100%
1-Sep	16.0	0	0.00	24.94	100%
	No Fishing		0.00	24.94	100%
	16.0	0	0.00	24.94	100%
	888.0	453			

Mean cumulative proportion date 7/23/97

*counts begin the day the tenth pink was caught

Pink Salmon

Even Year Average Cumulative CPUE 1982-1996	Odd Year Average Cumulative CPUE 1983-1995	Even Year Average Cumulative Proportion 1982-1996	Odd Year Average Cumulative Proportion 1983-1995
0.00	0.00	0%	0%
0.00	0.00	0%	0%
0.00	0.00	0%	0%
0.10	0.00	0%	0%
0.22	0.00	0%	0%
0.33	0.00	0%	0%
0.66	0.00	1%	0%
0.94	0.00	1%	0%
1.42	0.00	2%	0%
1.99	0.00	3%	0%
2.78	0.00	4%	0%
4.17	0.01	6%	0%
5.72	0.01	9%	0%
7.44	0.01	11%	0%
8.84	0.01	13%	0%
10.07	0.15	14%	1%
11.63	0.37	17%	3%
13.79	0.70	20%	4%
16.21	0.90	24%	5%
18.53	1.02	26%	5%
20.44	1.18	29%	6%
22.47	1.47	31%	7%
24.75	1.61	34%	10%
27.88	1.80	37%	13%
30.23	2.06	40%	15%
32.40	2.42	42%	17%
35.31	2.84	46%	20%
37.83	3.26	50%	22%
40.57	3.84	53%	25%
43.85	4.35	57%	28%
46.57	4.96	61%	31%
49.38	6.17	64%	35%
52.13	7.44	67%	40%
54.45	8.71	70%	47%
57.08	9.79	73%	52%
59.61	11.15	77%	56%
62.04	12.44	80%	61%
64.37	13.76	83%	68%
65.95	15.10	85%	75%
67.10	15.99	87%	78%
68.15	16.48	88%	80%
69.23	16.84	90%	81%
70.07	17.25	91%	82%
70.79	17.73	93%	83%
71.33	18.03	93%	84%
71.87	18.50	94%	86%
72.26	18.81	95%	88%
73.34	18.99	96%	89%
73.66	19.22	96%	90%
73.86	19.47	97%	92%
74.09	19.88	97%	94%
74.32	20.15	97%	96%
74.62	20.27	98%	96%
75.12	20.39	98%	97%
75.44	20.48	98%	97%
75.50	20.57	99%	98%
75.63	20.65	99%	98%
75.83	20.71	99%	99%
76.03	20.75	99%	99%
76.22	20.76	99%	99%
76.28	20.80	99%	99%
76.31	20.83	100%	99%
76.37	20.85	100%	99%
76.43	20.87	100%	100%
76.49	20.89	100%	100%
76.52	20.91	100%	100%
76.54	20.92	100%	100%
76.56	20.92	100%	100%
76.57	20.92	100%	100%
76.58	20.93	100%	100%
76.60	20.93	100%	100%
76.61	20.93	100%	100%
76.62	20.93	100%	100%
76.63	20.93	100%	100%
76.64	20.93	100%	100%
76.66	20.93	100%	100%
76.68	20.93	100%	100%
76.69	20.93	100%	100%
76.69	20.93	100%	100%
76.70	20.93	100%	100%
76.70	20.93	100%	100%
76.71	20.93	100%	100%

Appendix Table 4. Test fishing catches of chum salmon in 5 7/8" mesh set gillnet, Unalakleet River, Norton Sound, 1981-1997.

1981 Chum Salmon[a]

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
5-Jun					
6-Jun					
7-Jun					
8-Jun			0.00	0.00	0%
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			0.00	0.00	0%
28-Jun			0.00	0.00	0%
29-Jun			0.00	0.00	0%
30-Jun			0.00	0.00	0%
1-Jul			0.00	0.00	0%
2-Jul			0.00	0.00	0%
3-Jul			0.00	0.00	0%
4-Jul			0.00	0.00	0%
5-Jul			0.00	0.00	0%
6-Jul			0.00	0.00	0%
7-Jul			0.00	0.00	0%
8-Jul			0.00	0.00	0%
9-Jul			0.00	0.00	0%
10-Jul			0.00	0.00	0%
11-Jul			0.00	0.00	0%
12-Jul			0.00	0.00	0%
13-Jul			0.00	0.00	0%
14-Jul			0.00	0.00	0%
15-Jul			0.00	0.00	0%
16-Jul			0.00	0.00	0%
17-Jul	24.0	20	0.83	0.83	2%
18-Jul	24.0	48	2.00	2.83	6%
19-Jul	24.0	36	1.50	4.33	9%
20-Jul	24.0	60	2.50	6.83	15%
21-Jul	24.0	48	2.00	8.83	19%
22-Jul	24.0	12	0.50	9.33	20%
23-Jul	24.0	21	0.88	10.21	22%
24-Jul	24.0	36	1.50	11.71	25%
25-Jul	24.0	33	1.38	13.08	28%
26-Jul	24.0	60	2.50	15.58	34%
27-Jul	24.0	63	2.63	18.21	40%
28-Jul	24.0	52	2.17	20.38	44%
29-Jul	24.0	111	4.63	25.00	54%
30-Jul	24.0	66	2.75	27.75	60%
31-Jul	24.0	36	1.50	29.25	64%
1-Aug	24.0	9	0.38	29.63	64%
2-Aug	24.0	0	0.00	29.63	64%

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

1982 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%
24.0	9	0.38	0.38	1%
No Fishing		0.60	0.98	2%
12.0	10	0.83	1.81	3%
No Fishing		0.75	2.56	4%
12.0	8	0.67	3.23	6%
12.0	2	0.17	3.40	6%
No Fishing		0.21	3.61	6%
11.9	3	0.25	3.86	7%
No Fishing		1.08	4.93	9%
12.1	23	1.90	6.83	12%
No Fishing		1.40	8.24	14%
12.2	11	0.90	9.14	16%
13.5	13	0.96	10.10	17%
No Fishing		1.19	11.29	20%
12.0	17	1.42	12.71	22%
No Fishing		1.45	14.16	24%
13.5	20	1.48	15.64	27%
No Fishing		0.91	16.54	29%
12.0	4	0.33	16.88	29%
5.5	12	2.18	19.06	33%
No Fishing		1.59	20.65	36%
No Fishing		1.59	22.24	38%
9.0	9	1.00	23.24	40%
No Fishing		1.73	24.97	43%
6.5	16	2.46	27.43	47%
No Fishing		1.56	28.99	50%
12.2	8	0.66	29.65	51%
9.0	8	0.89	30.54	53%
No Fishing		0.57	31.11	54%
11.8	3	0.25	31.36	54%
No Fishing		0.46	31.82	55%
12.0	8	0.67	32.49	56%
12.0	19	1.58	34.07	59%
No Fishing		1.13	35.20	61%
11.8	8	0.68	35.88	62%
24.5	38	1.55	37.43	65%
No Fishing		1.69	39.12	68%
No Fishing		1.69	40.81	71%
12.6	23	1.83	42.64	74%
2.5	3	1.20	43.84	76%
No Fishing		1.47	45.30	78%
4.6	8	1.74	47.04	81%
No Fishing		1.37	48.41	84%
3.0	3	1.00	49.41	85%
4.4	1	0.23	49.64	86%
No Fishing		0.68	50.32	87%

1983 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%
11.6	4	0.34	0.34	0%
No Fishing		0.30	0.65	1%
11.6	3	0.26	0.91	1%
No Fishing		0.38	1.29	2%
11.8	6	0.51	1.80	2%
No Fishing		0.25	2.05	3%
11.8	0	0.00	2.05	3%
11.7	10	0.85	2.91	4%
No Fishing		0.56	3.46	4%
11.6	3	0.26	3.72	5%
No Fishing		0.59	4.31	5%
11.9	11	0.92	5.24	7%
No Fishing		0.89	6.12	8%
11.8	10	0.85	6.97	9%
11.5	13	1.13	8.10	10%
No Fishing		0.90	9.00	11%
11.9	8	0.67	9.67	12%
No Fishing		1.05	10.73	14%
11.9	17	1.43	12.15	15%
No Fishing		1.26	13.41	17%
11.9	13	1.09	14.51	18%
12.0	17	1.42	15.92	20%
No Fishing		1.00	16.92	21%
12.1	7	0.58	17.50	22%
No Fishing		1.08	18.58	23%
11.4	18	1.58	20.16	25%
No Fishing		1.31	21.47	27%
11.5	12	1.04	22.51	28%
11.6	37	3.19	25.70	32%
No Fishing		2.28	27.98	35%
11.7	16	1.37	29.35	37%
No Fishing		2.00	31.34	40%
11.8	31	2.63	33.97	43%
No Fishing		2.08	36.05	45%
11.8	18	1.53	37.57	47%
11.5	29	2.52	40.10	51%
No Fishing		1.96	42.05	53%
12.2	17	1.39	43.45	55%
No Fishing		1.74	45.19	57%
11.5	24	2.09	47.27	60%
No Fishing		1.84	49.11	62%
12.0	19	1.58	50.69	64%
11.4	11	0.96	51.66	65%
No Fishing		1.08	52.74	67%
11.7	14	1.20	53.93	68%
No Fishing		1.37	55.31	70%
11.6	18	1.55	56.86	72%
No Fishing		1.15	58.01	73%
12.1	9	0.74	58.75	74%

1984 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%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	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	17	0.70	0.70	1%
No Fishing		0.94	1.65	3%
24.5	29	1.18	2.83	5%
No Fishing		1.15	3.97	7%
24.4	27	1.11	5.08	9%
No Fishing		1.37	6.45	12%
No Fishing		1.37	7.83	14%
23.8	39	1.64	9.46	17%
No Fishing		1.47	10.93	20%
24.0	31	1.29	12.22	22%
No Fishing		1.81	14.03	25%
24.1	56	2.32	16.35	29%
No Fishing		2.20	18.55	33%
No Fishing		2.20	20.75	37%
24.1	50	2.07	22.83	41%
No Fishing		1.64	24.47	44%
23.9	29	1.21	25.68	46%
No Fishing		1.15	26.83	48%
24.1	26	1.08	27.91	50%
No Fishing		1.00	28.91	52%
No Fishing		1.00	29.90	54%
24.0	22	0.92	30.82	55%
No Fishing		0.91	31.73	57%
24.2	22	0.91	32.64	59%
No Fishing		1.04	33.68	61%
24.0	38	1.17	34.85	63%
No Fishing		0.90	35.75	64%
No Fishing		0.90	36.65	66%
23.5	15	0.64	37.29	67%
No Fishing		0.44	37.73	68%
23.9	6	0.25	37.99	68%
No Fishing		0.46	38.44	69%
24.1	16	0.66	39.11	70%
11.4	3	0.26	39.37	71%
No Fishing		0.74	40.11	72%
24.6	30	1.22	41.33	74%
No Fishing		0.76	42.09	76%
23.3	7	0.30	42.39	76%
No Fishing		0.58	42.98	77%

1985 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%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	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	17	0.71	0.71	2%
25.3	22	0.87	1.58	4%
23.0	32	1.39	2.97	7%
25.5	22	0.86	3.83	9%
23.7	19	0.80	4.64	10%
24.1	29	1.20	5.84	13%
23.7	37	1.56	7.40	17%
9.8	20	2.04	9.44	21%
7.0	34	4.86	14.30	32%
24.0	38	1.58	15.88	35%
23.8	36	1.51	17.39	39%
23.9	19	0.79	18.19	41%
9.2	7	0.76	18.95	42%
No Fishing		1.20	20.15	45%
23.2	38	1.64	21.79	49%
24.1	58	2.41	24.19	54%
23.9	34	1.42	25.62	57%
24.1	38	1.58	27.19	61%
24.4	22	0.90	28.10	63%
8.6	9	1.05	29.14	65%
No Fishing		1.04	30.18	67%
24.3	25	1.03	31.21	70%
23.9	3	0.13	31.33	70%
24.3	11	0.45	31.79	71%
33.8	20	0.59	32.38	72%
24.1	8	0.33	32.71	73%
No Fishing		0.60	33.31	74%
No Fishing		0.60	33.91	76%
24.2	21	0.87	34.78	78%
24.9	13	0.52	35.30	79%
23.1	10	0.43	35.73	80%
23.7	19	0.80	36.53	82%
24.6	8	0.33	36.86	82%
7.4	1	0.14	37.00	83%
No Fishing		0.53	37.52	84%
23.8	22	0.92	38.45	86%
23.9	6	0.25	38.70	86%
23.8	7	0.29	38.99	87%
24.2	7	0.29	39.28	88%
24.3	3	0.12	39.41	88%

Appendix Table 4. (Page 2 of 8)

1981 Chum Salmon*

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

*counts begin the day the tenth chum was caught

1982 Chum Salmon*

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*

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*

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*

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

Mean cumulative proportion date 7/9/85

- continued -

Appendix Table 4. (Page 3 of 8).

1986 Chum Salmon[a]

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion
5-Jun					
6-Jun					
7-Jun					
8-Jun			0.00	0.00	0%
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%

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

1987 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%
24.2	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)	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%
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)	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%
24.0	10	0.42	0.42	1%
23.9	5	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)	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%
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%

Appendix Table 4. (Page 4 of 8).

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	37.55	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%
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	16.53	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	351			

Mean cumulative proportion date 7/13/90

- continued -

Appendix Table 4. (Page 5 of 8).

1991 Chum Salmon[a]

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
5-Jun					
6-Jun					
7-Jun					
8-Jun			0.00	0.00	0%
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%

[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
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	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)	Cumulative 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)	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%
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)	Cumulative CPUE	Cumulative Proportion
25.0	7	0.28	0.28	0%
24.0	1	0.04	0.32	1%
9.0	1	0.11	0.43	1%
No Fishing		0.16	0.59	1%
24.0	5	0.21	0.80	1%
24.0	3	0.13	0.93	2%
24.0	4	0.17	1.09	2%
24.0	7	0.29	1.38	2%
24.0	12	0.50	1.88	3%
24.0	12	0.50	2.38	4%
25.0	17	0.68	3.06	5%
23.0	13	0.57	3.63	6%
24.0	18	0.75	4.38	8%
24.0	21	0.88	5.25	9%
24.0	21	0.88	6.13	11%
24.0	22	0.92	7.05	12%
25.0	29	1.16	8.21	14%
23.0	35	1.52	9.73	17%
24.0	54	2.25	11.98	21%
24.0	31	1.29	13.27	23%
24.0	28	1.17	14.44	25%
24.0	20	0.83	15.27	26%
24.0	18	0.63	15.89	27%
9.0	2	0.22	16.12	28%
No Fishing		0.72	16.83	29%
24.0	29	1.21	18.04	31%
24.0	31	1.29	19.33	33%
24.0	41	1.71	21.04	36%
24.0	21	0.88	21.92	38%
24.0	21	0.88	22.79	39%
8.0	10	1.25	24.04	41%
No Fishing		1.08	25.12	43%
24.0	22	0.92	26.04	45%
24.0	21	0.88	26.92	46%
24.0	19	0.79	27.71	48%
24.0	13	0.54	28.25	48%
24.0	11	0.46	28.71	49%
8.5	8	0.94	29.65	51%
No Fishing		0.87	30.52	52%
23.5	19	0.81	31.33	54%
24.0	17	0.71	32.04	55%
24.0	20	0.83	32.87	56%
24.0	18	0.75	33.62	58%
24.0	24	1.00	34.62	59%
8.0	9	1.13	35.75	61%
No Fishing		0.90	36.64	63%
24.0	16	0.67	37.31	64%
24.0	8	0.33	37.64	65%
24.0	9	0.38	38.02	65%
24.0	3	0.13	38.14	65%
24.0	11	0.46	38.60	66%
8.0	14	1.75	40.35	69%
No Fishing		1.50	41.85	72%
24.0	30	1.25	43.10	74%
24.0	17	0.71	43.81	75%
24.0	18	0.75	44.56	76%

Appendix Table 4. (Page 6 of 8).

1991 Chum Salmon[a]

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion
3-Aug	8.1	10	1.23	29.26	72%
4-Aug	No Fishing		1.31	30.57	75%
5-Aug	23.7	33	1.39	31.96	79%
6-Aug	24.0	24	1.00	32.96	81%
7-Aug	24.0	37	1.54	34.50	85%
8-Aug	24.2	19	0.79	35.29	87%
9-Aug	23.8	11	0.46	35.75	88%
10-Aug	9.1	2	0.22	35.97	89%
11-Aug	No Fishing		0.28	36.25	89%
12-Aug	23.9	8	0.33	36.58	90%
13-Aug	24.0	5	0.21	36.79	91%
14-Aug	24.0	5	0.21	37.00	91%
15-Aug	24.0	6	0.25	37.25	92%
16-Aug	24.0	4	0.17	37.42	92%
17-Aug	9.0	3	0.33	37.75	93%
18-Aug	No Fishing		0.23	37.98	94%
19-Aug	23.8	3	0.13	38.11	94%
20-Aug	24.0	6	0.25	38.36	95%
21-Aug	24.0	11	0.46	38.81	96%
22-Aug	24.0	10	0.42	39.23	97%
23-Aug	24.0	6	0.25	39.48	97%
24-Aug	8.5	1	0.12	39.60	98%
25-Aug	No Fishing		0.08	39.68	98%
26-Aug	23.5	1	0.04	39.72	98%
27-Aug	24.0	3	0.13	39.85	98%
28-Aug	24.3	2	0.08	39.93	98%
29-Aug	25.6	3	0.12	40.04	99%
30-Aug	22.5	1	0.04	40.09	99%
31-Aug	8.4	0	0.00	40.09	99%
1-Sep	No Fishing		0.02	40.11	99%
2-Sep	23.4	1	0.04	40.15	99%
3-Sep	24.0	5	0.21	40.36	99%
4-Sep	24.2	1	0.04	40.40	100%
5-Sep	24.0	2	0.08	40.49	100%
6-Sep	23.9	2	0.08	40.57	100%
7-Sep	8.3	0	0.00	40.57	100%
8-Sep	No Fishing		0.00	40.57	100%
9-Sep	24.2	0	0.00	40.57	100%
10-Sep	23.7	0	0.00	40.57	100%
11-Sep			0.00	40.57	100%
12-Sep			0.00	40.57	100%
13-Sep			0.00	40.57	100%
14-Sep			0.00	40.57	100%
15-Sep			0.00	40.57	100%
16-Sep			0.00	40.57	100%
17-Sep			0.00	40.57	100%
18-Sep			0.00	40.57	100%
19-Sep			0.00	40.57	100%
20-Sep			0.00	40.57	100%
21-Sep			0.00	40.57	100%
Totals	1,701.4	735			

Mean cumulative proportion date 7/27/91

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

1992 Chum Salmon[a]

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

Mean cumulative proportion date 7/14/92

1993 Chum Salmon[a]

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

Mean cumulative proportion date 7/30/93

1994 Chum Salmon[a]

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion
24.0	4	0.17	42.90	88%
24.0	1	0.04	42.94	88%
24.0	2	0.08	43.02	88%
8.5	1	0.12	43.14	88%
No Fishing		0.19	43.33	89%
23.5	6	0.26	43.58	89%
24.0	11	0.46	44.04	90%
24.0	14	0.58	44.62	92%
24.0	7	0.29	44.92	92%
24.0	6	0.25	45.17	93%
8.0	4	0.50	45.67	94%
No Fishing		0.44	46.11	95%
23.5	9	0.38	46.49	95%
24.0	10	0.42	46.91	96%
Flooding		0.00	46.91	96%
		0.00	46.91	96%
		0.00	46.91	96%
		0.00	46.91	96%
		0.00	46.91	96%
17.5	0	0.00	46.91	96%
23.5	4	0.17	47.08	97%
24.0	4	0.17	47.24	97%
24.0	2	0.08	47.33	97%
25.0	0	0.00	47.33	97%
		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)	Cumul-ative CPUE	Cumulative Proportion
24.0	19	0.79	45.35	78%
24.0	18	0.75	46.10	79%
8.0	11	1.38	47.48	81%
No Fishing		1.06	48.54	83%
24.0	18	0.75	49.29	85%
24.0	21	0.88	50.16	86%
24.0	28	1.17	51.33	88%
24.0	9	0.38	51.71	89%
24.0	10	0.42	52.12	89%
8.0	4	0.50	52.62	90%
No Fishing		0.63	53.25	91%
24.0	18	0.75	54.00	93%
24.0	6	0.25	54.25	93%
24.0	8	0.33	54.58	94%
24.0	5	0.21	54.79	94%
24.0	7	0.29	55.08	94%
8.0	2	0.25	55.33	95%
No Fishing		0.19	55.52	95%
24.0	3	0.13	55.64	95%
24.0	8	0.33	55.98	96%
24.0	9	0.38	56.35	97%
24.0	7	0.29	56.64	97%
24.0	4	0.17	56.81	97%
8.0	1	0.13	56.94	98%
No Fishing		0.17	57.10	98%
24.0	5	0.21	57.31	98%
24.0	6	0.25	57.56	99%
24.0	5	0.21	57.77	99%
24.0	0	0.00	57.77	99%
24.0	3	0.13	57.89	99%
8.0	0	0.00	57.89	99%
No Fishing		0.00	57.89	99%
24.0	0	0.00	57.89	99%
24.0	4	0.17	58.06	100%
24.0	1	0.04	58.10	100%
24.0	0	0.00	58.10	100%
24.0	0	0.00	58.10	100%
24.0	0	0.00	58.10	100%
No Fishing		0.06	58.16	100%
24.0	3	0.13	58.29	100%
		0.00	58.29	100%
		0.00	58.29	100%
		0.00	58.29	100%
		0.00	58.29	100%
		0.00	58.29	100%
		0.00	58.29	100%
		0.00	58.29	100%
		0.00	58.29	100%
		0.00	58.29	100%
		0.00	58.29	100%
		0.00	58.29	100%
		0.00	58.29	100%
		0.00	58.29	100%
1,843.0	1,101			

Mean cumulative proportion date 7/14/95

- continued -

Appendix Table 4. (Page 7 of 8).

	1996 Chum Salmon[a]					1997 Chum Salmon[a]					Chum Salmon		
Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion	Average CPUE 1982-1996	Average Cumulative CPUE 1982-1996	Average Cumulative Proportion 1982-1996
5-Jun	20.0	14	0.70	0.70	1%			0.00	0.00	0%	0.05	0.05	0%
6-Jun	24.0	23	0.96	1.66	2%			0.00	0.00	0%	0.06	0.11	0%
7-Jun	24.0	19	0.79	2.45	3%			0.00	0.00	0%	0.05	0.16	0%
8-Jun	24.0	28	1.17	3.62	4%			0.00	0.00	0%	0.10	0.26	0%
9-Jun	24.0	23	0.96	4.58	5%			0.00	0.00	0%	0.07	0.33	0%
10-Jun	24.0	19	0.79	5.37	6%			0.00	0.00	0%	0.06	0.39	0%
11-Jun	24.0	28	1.17	6.53	7%			0.00	0.00	0%	0.09	0.48	1%
12-Jun	24.0	23	0.96	7.49	9%			0.00	0.00	0%	0.09	0.56	1%
13-Jun	24.0	9	0.38	7.87	9%			0.00	0.00	0%	0.05	0.61	1%
14-Jun	24.0	8	0.33	8.20	9%			0.00	0.00	0%	0.06	0.67	1%
15-Jun	24.0	9	0.38	8.58	10%			0.00	0.00	0%	0.13	0.80	1%
16-Jun	24.0	31	1.29	9.87	11%	24.0	8	0.33	0.33	1%	0.25	1.04	2%
17-Jun	24.0	27	1.13	10.99	13%	24.0	0	0.00	0.33	1%	0.33	1.37	2%
18-Jun	24.0	20	0.83	11.83	14%	24.0	7	0.29	0.63	2%	0.38	1.75	3%
19-Jun	24.0	18	0.75	12.58	14%	24.0	9	0.38	1.00	3%	0.39	2.14	4%
20-Jun	24.0	30	1.25	13.83	16%	24.0	9	0.38	1.38	3%	0.36	2.50	5%
21-Jun	24.0	12	0.50	14.33	16%	24.0	7	0.29	1.67	4%	0.37	2.87	5%
22-Jun	24.0	11	0.46	14.78	17%	24.0	5	0.21	1.88	5%	0.43	3.30	6%
23-Jun	24.0	17	0.71	15.49	18%	24.0	5	0.21	2.08	5%	0.42	3.71	7%
24-Jun	24.0	20	0.83	16.33	19%	24.0	7	0.29	2.38	6%	0.38	4.10	8%
25-Jun	24.0	21	0.88	17.20	20%	24.0	10	0.42	2.79	7%	0.58	4.68	9%
26-Jun	24.0	44	1.83	19.03	22%	24.0	7	0.29	3.08	8%	0.88	5.56	11%
27-Jun	24.0	55	2.29	21.33	24%	24.0	10	0.42	3.50	9%	0.99	6.55	13%
28-Jun	24.0	49	2.04	23.37	27%	24.0	12	0.50	4.00	10%	0.93	7.47	15%
29-Jun	8.0	34	4.25	27.62	32%	24.0	19	0.79	4.79	12%	0.95	8.42	17%
30-Jun	No Fishing		2.65	30.26	35%	24.0	14	0.58	5.38	14%	0.83	9.25	18%
1-Jul	24.0	25	1.04	31.30	36%	24.0	6	0.25	5.63	14%	0.70	9.96	20%
2-Jul	24.0	63	2.63	33.93	39%	24.0	5	0.21	5.83	15%	1.03	10.99	22%
3-Jul	24.0	43	1.79	35.72	41%	24.0	6	0.25	6.08	15%	0.85	11.84	23%
4-Jul	24.0	38	1.58	37.30	43%	24.0	5	0.21	6.29	16%	0.88	12.71	25%
5-Jul	24.0	26	1.08	38.39	44%	8.0	2	0.25	6.54	17%	0.88	13.60	27%
6-Jul	8.0	19	2.38	40.76	47%	No Fishing		0.40	6.94	18%	1.02	14.62	29%
7-Jul	No Fishing		1.29	42.05	48%	24.0	13	0.54	7.48	19%	0.99	15.61	31%
8-Jul	24.0	5	0.21	42.26	48%	24.0	27	1.13	8.60	22%	0.98	16.59	33%
9-Jul	24.0	6	0.25	42.51	49%	24.0	26	1.08	9.69	25%	1.11	17.71	36%
10-Jul	24.0	10	0.42	42.93	49%	24.0	18	0.75	10.44	27%	0.90	18.61	38%
11-Jul	24.0	11	0.46	43.39	50%	24.0	25	1.04	11.48	29%	0.80	19.41	39%
12-Jul	24.0	22	0.92	44.30	51%	8.0	10	1.25	12.73	32%	0.82	20.25	41%
13-Jul	8.0	11	1.38	45.68	52%	No Fishing		1.29	14.02	36%	1.08	21.33	44%
14-Jul	No Fishing		1.10	46.78	54%	24.0	32	1.33	15.35	39%	0.88	22.21	45%
15-Jul	24.0	20	0.83	47.62	54%	24.0	41	1.71	17.06	43%	0.79	23.00	47%
16-Jul	24.0	30	1.25	48.87	56%	24.0	18	0.75	17.81	45%	0.75	23.75	49%
17-Jul	24.0	29	1.21	50.08	57%	24.0	27	1.13	18.94	48%	0.73	24.48	50%
18-Jul	24.0	28	1.17	51.24	59%	24.0	18	0.75	19.69	50%	0.79	25.27	52%
19-Jul	24.0	17	0.71	51.95	59%	8.0	11	1.38	21.06	54%	0.75	26.02	54%
20-Jul	8.0	8	1.00	52.95	61%	No Fishing		1.19	22.25	57%	0.98	27.00	56%
21-Jul	No Fishing		1.23	54.18	62%	24.0	24	1.00	23.25	59%	0.88	27.88	57%
22-Jul	24.0	35	1.46	55.64	64%	24.0	14	0.58	23.83	61%	0.86	28.74	59%
23-Jul	24.0	59	2.46	58.10	66%	24.0	8	0.33	24.17	61%	0.96	29.70	61%
24-Jul	24.0	37	1.54	59.64	68%	24.0	24	1.00	25.17	64%	0.92	30.62	63%
25-Jul	24.0	54	2.25	61.89	71%	24.0	33	1.38	26.54	67%	0.98	31.61	65%
26-Jul	24.0	40	1.67	63.55	73%	8.0	9	1.13	27.67	70%	0.94	32.54	67%
27-Jul	8.0	72	9.00	72.55	83%	No Fishing		1.23	28.90	73%	1.31	33.85	69%
28-Jul	No Fishing		5.02	77.58	89%	24.0	32	1.33	30.23	77%	0.96	34.81	71%
29-Jul	24.0	25	1.04	78.62	90%	24.0	25	1.04	31.27	79%	0.86	35.67	73%
30-Jul	24.0	6	0.25	78.87	90%	24.0	16	0.67	31.94	81%	0.83	36.50	75%
31-Jul	24.0	12	0.50	79.37	91%	24.0	12	0.50	32.44	82%	0.72	37.22	76%
1-Aug	24.0	4	0.17	79.53	91%	24.0	5	0.21	32.65	83%	0.53	37.75	78%
2-Aug	24.0	9	0.38	79.91	91%	8.0	2	0.25	32.90	84%	0.56	38.31	79%

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

Appendix Table 4. (Page 8 of 8).

1996 Chum Salmon[a]						1997 Chum Salmona						Chum Salmon		
Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion		Average CPUE 1982-1996	Average Cumulative Catch 1982-1996	Average Cumulative Proportion 1982-1996
3-Aug	No Fishing		0.40	80.30	92%	No Fishing		0.21	33.10	84%		0.60	38.91	80%
4-Aug	No Fishing		0.40	80.70	92%	24.0	5	0.21	33.31	85%		0.59	39.50	81%
5-Aug	24.0	10	0.42	81.12	93%	24.0	4	0.17	33.48	85%		0.52	40.02	82%
6-Aug	24.0	12	0.50	81.62	93%	24.0	7	0.29	33.77	86%		0.55	40.57	84%
7-Aug	24.0	8	0.33	81.95	94%	24.0	9	0.38	34.15	87%		0.59	41.17	85%
8-Aug	24.0	3	0.13	82.08	94%	24.0	2	0.08	34.23	87%		0.50	41.67	86%
9-Aug	24.0	7	0.29	82.37	94%	8.0	2	0.25	34.48	88%		0.43	42.09	87%
10-Aug	8.0	2	0.25	82.62	94%	No Fishing		0.25	34.73	88%		0.38	42.47	88%
11-Aug	No Fishing		0.19	82.80	95%	24.0	6	0.25	34.98	89%		0.31	42.78	89%
12-Aug	24.0	3	0.13	82.93	95%	24.0	5	0.21	35.19	89%		0.32	43.10	89%
13-Aug	24.0	4	0.17	83.10	95%	24.0	8	0.33	35.52	90%		0.44	43.55	90%
14-Aug	24.0	5	0.21	83.30	95%	24.0	10	0.42	35.94	91%		0.38	43.93	91%
15-Aug	24.0	6	0.25	83.55	96%	24.0	2	0.08	36.02	92%		0.32	44.25	92%
16-Aug	24.0	6	0.25	83.80	96%	8.0	0	0.00	36.02	92%		0.30	44.55	93%
17-Aug	8.0	2	0.25	84.05	96%	No Fishing		0.21	36.23	92%		0.31	44.87	93%
18-Aug	No Fishing		0.23	84.28	96%	24.0	10	0.42	36.65	93%		0.28	45.14	94%
19-Aug	24.0	5	0.21	84.49	97%	24.0	7	0.29	36.94	94%		0.22	45.37	94%
20-Aug	24.0	4	0.17	84.66	97%	24.0	5	0.21	37.15	94%		0.22	45.59	95%
21-Aug	24.0	3	0.13	84.78	97%	24.0	5	0.21	37.35	95%		0.17	45.76	95%
22-Aug	24.0	6	0.25	85.03	97%	24.0	7	0.29	37.65	96%		0.19	45.95	96%
23-Aug	24.0	5	0.21	85.24	97%	8.0	1	0.13	37.77	96%		0.22	46.17	96%
24-Aug	8.0	3	0.38	85.62	98%	No Fishing		0.48	38.25	97%		0.24	46.41	97%
25-Aug	No Fishing		0.31	85.93	98%	24.0	20	0.83	39.08	99%		0.15	46.56	97%
26-Aug	24.0	6	0.25	86.18	99%	24.0	1	0.04	39.13	99%		0.16	46.72	97%
27-Aug	24.0	4	0.17	86.35	99%	24.0	0	0.00	39.13	99%		0.16	46.89	98%
28-Aug	24.0	2	0.08	86.43	99%	24.0	0	0.00	39.13	99%		0.09	46.97	98%
29-Aug	24.0	4	0.17	86.60	99%	24.0	0	0.00	39.13	99%		0.09	47.06	98%
30-Aug	24.0	0	0.00	86.60	99%	8.0	0	0.00	39.13	99%		0.09	47.15	98%
31-Aug	8.0	0	0.00	86.60	99%	No Fishing		0.00	39.13	99%		0.08	47.23	99%
1-Sep	No Fishing		0.06	86.66	99%	16.0	0	0.00	39.13	99%		0.08	47.30	99%
2-Sep	24.0	3	0.13	86.78	99%	No Fishing		0.03	39.16	100%		0.09	47.39	99%
3-Sep	24.0	0	0.00	86.78	99%	16.0	1	0.06	39.22	100%		0.12	47.51	99%
4-Sep	24.0	2	0.08	86.87	99%	24.0	2	0.08	39.30	100%		0.07	47.58	99%
5-Sep	24.0	3	0.13	86.99	99%	24.0	0	0.00	39.30	100%		0.06	47.64	99%
6-Sep	24.0	2	0.08	87.08	100%	8.0	0	0.00	39.30	100%		0.05	47.70	100%
7-Sep	8.0	1	0.13	87.20	100%	No Fishing		0.00	39.30	100%		0.05	47.75	100%
8-Sep	No Fishing		0.10	87.30	100%	24.0	0	0.00	39.30	100%		0.06	47.81	100%
9-Sep	24.0	2	0.08	87.39	100%	24.0	0	0.00	39.30	100%		0.03	47.83	100%
10-Sep	24.0	0	0.00	87.39	100%	24.0	1	0.04	39.34	100%		0.02	47.85	100%
11-Sep	24.0	1	0.04	87.43	100%			0.00	39.34	100%		0.01	47.87	100%
12-Sep			0.00	87.43	100%			0.00	39.34	100%		0.02	47.88	100%
13-Sep			0.00	87.43	100%			0.00	39.34	100%		0.01	47.89	100%
14-Sep			0.00	87.43	100%			0.00	39.34	100%		0.01	47.90	100%
15-Sep			0.00	87.43	100%			0.00	39.34	100%		0.00	47.90	100%
16-Sep			0.00	87.43	100%			0.00	39.34	100%		0.00	47.91	100%
17-Sep			0.00	87.43	100%			0.00	39.34	100%		0.01	47.92	100%
18-Sep			0.00	87.43	100%			0.00	39.34	100%		0.00	47.92	100%
19-Sep			0.00	87.43	100%			0.00	39.34	100%		0.00	47.92	100%
20-Sep			0.00	87.43	100%			0.00	39.34	100%		0.00	47.92	100%
21-Sep			0.00	87.43	100%			0.00	39.34	100%		0.01	47.93	100%
Totals	1,924.0	1,424				1,648.0	743							
	Mean cumulative proportion date				7/11/96	Mean cumulative proportion date				7/18/97				

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

Appendix Table 5. Subsistence king salmon catch and effort, Unalakleet River and Unalakleet Subdistrict, Norton Sound 1982-1997

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

* 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).

	1988				1989 River				1989 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
2-Jun											
3-Jun											
4-Jun											
5-Jun											
6-Jun	3	5	1.7	10					1	6	6.0
7-Jun									1	1	1.0
8-Jun	3	0	0.0	9					4	23	5.8
9-Jun	1	0	0.0	10					4	54	13.5
10-Jun				10							
11-Jun	4	6	1.5	12					1	35	35.0
12-Jun								5	3	43	14.3
13-Jun	2	0	0.0	5	1	0	0.0	5	3	14	4.7
14-Jun	1	0	0.0	7				6	6	113	18.8
15-Jun	1	0	0.0	15				5	1	30	30.0
16-Jun	2	1	0.5	15				7			
17-Jun	2	1	0.5	15							
18-Jun	1	5	5.0	14							
19-Jun											
20-Jun	2	3	1.5	10	3	22	7.3	7	1	1	1.0
21-Jun	4	24	6.0	10	3	7	2.3	7			
22-Jun	3	37	12.3	12	2	2	1.0	8			
23-Jun	1	6	6.0	15	3	18	6.0	12			
24-Jun				15	4	27	6.8	14			
25-Jun	1	9	9.0	13							
26-Jun											
27-Jun				14	1	7	7.0	5			
28-Jun					1	1	1.0	8			
29-Jun								10			
30-Jun											
1-Jul								9			
2-Jul											
3-Jul											
4-Jul								4			
5-Jul								3			
6-Jul								4			
7-Jul								7			
8-Jul								0			
9-Jul											
10-Jul											
11-Jul								1			
12-Jul								1			
13-Jul								1			
14-Jul								1			
15-Jul								1			
16-Jul											
17-Jul											
18-Jul											
19-Jul											
20-Jul											
21-Jul											
22-Jul											
23-Jul											

	1990				1991				1992			
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
2-Jun												
3-Jun												
4-Jun												
5-Jun												
6-Jun												
7-Jun												
8-Jun												
9-Jun												
10-Jun												
11-Jun					2	0	0.0	5				
12-Jun					6	27	4.5	7				
13-Jun					2	6	3.0	9				
14-Jun	4	44	11.0	8	4	11	2.8	9				
15-Jun				6	5	34	6.8	11				
16-Jun					1	10	10.0	7				
17-Jun					1	6	6.0	7				
18-Jun	2	11	5.5	1	1	4	4.0	4				
19-Jun	4	7	1.8	7	3	1	0.3	12				
20-Jun	2	5	2.5	9	6	13	2.2					
21-Jun	4	36	9.0		4	4	1.0	8				
22-Jun	2	25	12.5	9	5	12	2.4	10				
23-Jun	1	2	2.0	9				0				
24-Jun					1	0	0.0					
25-Jun	1	3	3.0	2	2	7	3.5	10	2	1	0.5	6
26-Jun	1	0	0.0	7	3	14	4.7		5	0	0.0	13
27-Jun	3	2	0.7	6	3	5	1.7	10	9	2	0.2	16
28-Jun	3	1	0.3	8	1	0	0.0	7	4	1	0.3	9
29-Jun	2	8	4.0	8	3	31	10.3	5	2	5	2.5	10
30-Jun	2	5	2.5	11					2	2	1.0	18
1-Jul								0	1	4	4.0	11
2-Jul				0				3	1	4	4.0	5
3-Jul				1					2	1	0.5	5
4-Jul	1	2	2.0	4					2	0	0.0	3
5-Jul				2					1	8	8.0	2
6-Jul				0					4	13	3.3	3
7-Jul				0					5	6	1.2	5
8-Jul									1	0	0.0	2
9-Jul				2					1	0	0.0	2
10-Jul				2					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

-continued-

Appendix Table 5. Page (3 of 3).

Date	1993				1994 River				1994 Ocean			1995 River				1995 Ocean			1996[b]	1997 River			1997 Ocean		
	# 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	# of Fishers	# of Kings	Daily Mean Catch	# of Fishers	# of Kings	Daily Mean Catch
2-Jun																				11	11	1.0	5	6	1.2
3-Jun																				1	1	1.0	3	9	3.0
4-Jun												1	2	2.0		1	3	3.0		2	2	1.0	3	10	3.3
5-Jun												1	4	4.0		1	7	7.0		2	2	1.0	5	23	4.6
6-Jun	1	1	1.0												11				14						
7-Jun	2	11	5.5												11				19	2	4	2.0	3	19	6.3
8-Jun	6	31	5.2												12				20	1	7	7.0	8	83	10.4
9-Jun	7	31	4.4												10				20	2	9	4.5	9	135	15.0
10-Jun	8	55	6.9																18	2	6	3.0	4	43	10.8
11-Jun	4	32	8.0																23	4	16	4.0	6	169	28.2
12-Jun	2	28	14.0						1	5	5.0				12				22	2	7	3.5	3	37	12.3
13-Jun	2	14	7.0						2	10	5.0				11				22						
14-Jun	6	57	9.5						2	23	11.5	2	24	12.0	12				24						
15-Jun	2	20	10.0		2	11	5.5	10	11	158	14.4	1	9	9.0									5	222	44.4
16-Jun	6	25	4.2		4	43	10.8	10	4	74	18.5	2	5	2.5		1	3	3.0		1	47	47.0			
17-Jun	3	35	11.7	15	6	50	8.3	15	3	45	15.0	2	4	2.0	13	1	40	40.0		2	55	27.5			
18-Jun	4	20	5.0	10	7	17	2.4	7				4	2	0.5	3	1	30	30.0	9						
19-Jun	3	17	5.7	9	2	9	4.5	5				4	24	6.0	4	1	56	56.0	8	3	31	10.3	1	58	58.0
20-Jun				1	3	43	14.3	3	1	26	26.0	6	18	3.0	10				9	2	5	2.5			
21-Jun				1	2	33	16.5	2				4	18	4.5	10				9	1	37	37.0			
22-Jun	6	68	11.3	9	4	47	11.8	5				5	32	6.4	10	1	75	75.0	9						
23-Jun	5	25	5.0	12	4	26	6.5	6				2	14	7.0	10				9						
24-Jun	6	56	9.3	13	4	13	3.3	7				1	8	8.0	8	1	12	12.0	9						
25-Jun	8	51	6.4	14	3	11	3.7	2								1	14	14.0	9						
26-Jun	3	12	4.0	10				2							1				9						
27-Jun				0				4							3				7	1	3	3.0			
28-Jun	2	13	6.5	3	1	3	3.0	6							4										
29-Jun	2	14	7.0	3	3	22	7.3	5				1	10	10.0	8				5						
30-Jun	2	8	4.0	5	1	0	0.0	4				1	4	4.0	7										
1-Jul	2	5	2.5	8	2	1	0.5	4							1										
2-Jul				4	1	2	2.0																		
3-Jul				2																					
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[b] Net oberservations weere the only data collected in 1996.