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Unalakleet River Test Net Project, 1996

by

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INTRODUCTION

The Unalakleet River system drains an area of 1,087 square miles. The drainage extends westward from the Nulato Hills approximately 130 miles to the Bering Sea. The Unalakleet River and it's five major tributaries all support spawning salmon. The Unalakleet River is the largest producer of salmon in Norton Sound and the town of Unalakleet is situated at the mouth of the river. Historically, the people of the area have depended on the salmon runs as the basis of their cash economy and for subsistence needs.

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

METHODS

Test Fishing

Test fishing began on 5 June and ended on 11 September in 1996. 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 30 June, every Sunday was taken off for the rest of the season. The gillnet was picked twice daily, except for those occasional days when it was picked

more often to prevent fish or debris saturation. All fish caught in the test net were delivered to a local subsistence fisher, per an agreement for the use of her family's traditional setnet site. When this person did not want fish, she would decide who to give them to among the village elders. The catch of each species and the hours fished were communicated to the Nome office at least daily. During the season, the catch per unit effort (CPUE) was calculated for each species. Cumulative CPUE was calculated beginning with the first king salmon. Cumulative CPUE was calculated beginning with the tenth pink, chum and coho salmon caught to discount the first early return before the main return began.

Catch Sampling

Commercial catch sampling goals were 150 king salmon from both the Unalakleet and Shaktoolik Subdistricts and 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

The number of nets observed fishing in the mouth of the Unalakleet River was recorded. In past years, subsistence fishermen were interviewed daily 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. In 1996, researchers attempted to conduct interviews of all the households in the surveyed communities. The survey collected 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, personal communication).

Data Analysis

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

RESULTS

Test Fishing

A total of 139 king salmon (60% female, 40% male), 609 coho salmon (41% female, 59% male), 2,122 pink salmon, and 1,424 chum salmon (39% female, 61% 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 10 June for king salmon, on 30 July for coho salmon, on 10 July for pink salmon, and on 2 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 1996 was 220% of the 14 year average (1982-1995). The king salmon commercial cumulative CPUE in 1996 was 95% of the 14 year average (1982-1995), (Table 2). The coho salmon test fish cumulative CPUE in 1996 was 260% of the 14 year average (1982-1995). The coho salmon commercial

cumulative CPUE in 1996 was 142% of the 14 year average (1982-1995), (Table 3). The chum salmon test fish cumulative CPUE in 1996 was 194% of the 14 year average (1982-1995). There were no directed chum salmon commercial fishing openings in 1996 (Table 4). The pink salmon test fish cumulative CPUE in 1996 was 164% of the even year average (1982-1994), (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 118 king salmon, 85% of the king salmon caught at the test fish site. Three year old, age-1.1, king salmon contributed 1% of the sample. Four year old, age-1.2, king salmon contributed 8% of the sample. Five year old, age-1.3, king salmon contributed 78% of the sample. Six year old, age-1.4, king salmon contributed 12% of the sample. Seven year old, age-1.5, king salmon contributed 1% of the sample (Table 8). Readable scales were collected from 128 king salmon from the Unalakleet subdistrict commercial fishery. Three year old, age-1.1, king salmon contributed 3% of the sample. Four year old, age-1.2, king salmon contributed 3% of the sample. Five year old, age-1.3, king salmon contributed 47% of the sample. Six year old, age-1.4 and age-2.3, king salmon contributed 41% of the sample. Seven year old, age-1.5 and age-2.4, king salmon contributed 6% of the sample (Table 9).

Readable scales were collected from 174 coho salmon, 29% of the coho salmon caught at the test fish site. Three year old, age-1.1, coho salmon contributed 11% of the sample. Four year old, age-2.1, coho salmon contributed 87% of the sample. Five year old, age-3.1, coho salmon contributed 2% of the sample (Table 10). Readable scales were collected from 150 coho salmon from the Unalakleet subdistrict commercial fishery. Three year old, age-1.1, coho salmon contributed 3% of the sample. Four year old, age-2.1, coho salmon contributed 92% of the sample. Five year old, age-3.1, coho salmon contributed 5% of the sample (Table 11).

Readable scales were collected from 503 chum salmon, 35% 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 20% of the sample. Five year old, age-0.4, chum salmon contributed 52% of the sample. Six year old, age-0.5, chum salmon contributed 27% of the sample. Seven year old, age-0.6, chum salmon contributed 1% of the sample (Table 12). Readable scales were collected from 152 chum salmon from the Unalakleet subdistrict commercial fishery. Four year old, age-0.3, chum salmon contributed 24% of the sample. Five year old, age-0.4, chum salmon contributed 56% of the sample. Six year old, age-0.5, chum salmon contributed 17% of the sample. Seven year old, age-0.6, chum salmon contributed 3% of the sample (Table 13). Readable scales were collected from 115 chum salmon from the Shaktoolik subdistrict commercial fishery. Four year old, age-0.3, chum salmon contributed 45% of the sample. Five year old, age-0.4, chum salmon contributed 48% of the sample. Six year old, age-0.5, chum

salmon contributed 7% of the sample. The sample from Shaktoolik was collected on one day and is not comparable to the other samples (Table 14).

King Salmon Subsistence Survey

Near the mouth of the Unalakleet River subsistence fishing timing was earlier than normal and effort was above average (Appendix Table 5). Fishermen were not interviewed by the test fishing crew on an in-season basis this year.

Postseason Subsistence Survey

The Division of Subsistence surveyed 90% of the households in the Unalakleet subdistrict. The expanded subsistence salmon harvest estimate for 1996 was 57,623. The expanded subsistence harvest for 1995 was about 8% less than the 1996 harvest and the expanded harvest for 1994 was about 15% greater than that for 1996 (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 13 year average for each species show a correlation between the commercial and test fisheries, with some exceptions. These exceptions include the 1994 king salmon commercial CPUE which was much greater than that for the test fishery, the 1985, 1995 and 1996 king salmon commercial CPUEs which were much smaller than those for the test fishery, the 1994 coho salmon commercial CPUE which was much greater than that for the test fishery, the 1984 and 1996 coho salmon commercial CPUEs which were much smaller than those for the test fishery and for the 1996 chum salmon commercial CPUE which was smaller than that for the test fishery (Figures 2, 4, and 7). Both commercial and test fish CPUE indices are useful management tools when combined with run-timing data (Tables 1-7, Appendix Tables 1-4 and Figures 9-15). An example would be the 1985 coho run when it became evident from the comparison of catch rates with those of previous years that the run was weak. Commercial fishing time was reduced which resulted in a near average test fish CPUE by the end of the season.

Currently an escapement index has not yet been fully developed for the Unalakleet River system. Tower counts and aerial surveys for the North River are too few and inconsistent to provide an adequate data base for annual comparisons or comparisons with other

indices (Tables 2-4) and it is not known how the North River compares to the entire system. The North River tower was reestablished this year. Presently the test fishing project is thought to be the best index of escapement for the Unalakleet River system as the relative size of the returns of each species can be evaluated.

Commercial catch sampling goals were met for all categories except Shaktoolik Subdistrict king salmon catches and Unalakleet Subdistrict chum salmon. Shaktoolik Subdistrict king salmon were flown from Shaktoolik to Unalakleet already packed in ice and were stored at the Unalakleet airport until they could be shipped out, consequently there was little opportunity to collect the desired number of samples. The goals for the number and timing of Unalakleet Subdistrict chum salmon samples were not met. There were no directed chum salmon openings in 1996, and chum salmon catches were only incidental and difficult to sample (Table 1).

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

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Table 1. Commercial salmon harvest by fishing period, Unalakleet Subdistrict, Norton Sound, 1996.

				King Salmon				Coho Salmon				Pink Salmon				Chum Salmon			
Period	Dates	Hours Fished	# of Fish-ermen	# of Kings	CPUE	Cumul-ative CPUE[a]	C[a]	# of Coho	CPUE	Cumul-ative CPUE[b]	C[b]	# of Pinks	CPUE	Cumul-ative CPUE[c]	C[c]	# of Chums	CPUE	Cumul-ative CPUE[d]	C[d]
1 King	6/13-6/15	48	27	545	0.42	0.42	15.0%	0				0				243	0.19		
2 King	6/17-6/19	48	26	770	0.62	1.04	36.1%	0				0				355	0.28		
3 King	6/20-6/22	48	31	862	0.58	1.62	59.7%	0				0				595	0.40		
1 Pink	6/24-6/25	24	7	0				0				5,489	32.67	32.67	2.4%	0			
4 King	6/24-6/26	48	32	825	0.54	2.15	82.4%	0				0				1,235	0.80		
2 Pink	6/26-6/28	35	1	0				0				1,166	33.31	65.99	2.9%	0			
5 King	6/27-6/29	48	18	432	0.50	2.65	94.2%	0				0				547	0.63		
3 Pink	6/28-6/29	24	2	0				0				2,247	46.81	112.80	3.9%	0			
6 King	7/1-7/3	48	24	210	0.18	2.84	100.0%	0				0				735	0.64		
4 Pink	7/1-7/3	51	13	0				0				20,100	30.32	143.12	12.7%	0			
5 Pink	7/3-7/4	24	13	0				0				16,872	54.08	197.19	20.1%	0			
6 Pink	7/5-7/6	12	7	0				0				17,802	211.93	409.12	28.0%	0			
7 Pink	7/7-7/7	12	12	0				0				25,347	176.02	585.14	39.1%	0			
8 Pink	7/8-7/9	10	12	0				0				9,088	75.73	660.88	43.1%	0			
9 Pink	7/9-7/10	10	6	0				0				4,845	80.75	741.63	45.2%	0			
10 Pink	7/10-7/11	16	8	0				0				5,064	39.56	781.19	47.4%	0			
11 Pink	7/11-7/12	12	6	0				0				5,817	80.79	861.98	50.0%	0			
12 Pink	7/12-7/13	30	0	0				0				0		861.98	50.0%	0			
13 Pink	7/13-7/14	16	0	0				0				0		861.98	50.0%	0			
14 Pink	7/15-7/16	40	0	0				0				0		861.98	100.0%	0			
15 Pink	7/16-7/18	48	0	0				0				0		861.98	50.0%	0			
1 Coho	7/25-7/27	48	13	0				3,749	6.01	6.01	7.2%	0				679	1.09		
2 Coho	7/29-7/31	48	38	0				10,113	5.54	11.55	26.6%	0				729	0.40		
3 Coho	8/1-8/3	48	5	0				1,508	6.28	17.84	29.5%	0				59	0.25		
4 Coho	8/5-8/7	54	34	0				11,594	6.31	24.15	51.8%	0				469	0.26		
5 Coho	8/8-8/10	66	25	0				5,287	3.20	27.35	62.0%	0				326	0.20		
6 Coho	8/12-8/17	120	31	0				7,922	2.13	29.48	77.2%	0				850	0.23		
7 Coho	8/19-8/24	120	29	0				8,927	2.57	32.05	94.4%	0				422	0.12		
8 Coho	8/26-8/31	120	21	0				2,396	0.95	33.00	99.0%	0				125	0.05		
9 Coho	9/2-9/7	120	6	0				447	0.62	33.62	99.8%	0				0	0.00		
10 Coho	9/8-9/10	56	1	0				84	1.50	35.12	100.0%	0				0	0.00		
Totals				3,644		2.84		52,027		35.12		113,837		861.98		7,369			

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

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

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

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

Table 2. King salmon commercial catch and escapement data, Unalakleet Subdistrict, Norton Sound, 1981-1996.

Year	Commercial Catch	Commercial Cumulative CPUE	Commercial Cumulative CPUE as % of 1982-1995 Average	Test Net Catch	Test Net Cummulative CPUE	Test Net Cumulative CPUE as % of 1982-1995 Average	North River Tower Counts	North River Aerial Survey Counts
1981	6,157							
1982	3,768	1.65	55%	22	2.74	92%		8
1983	7,022	2.65	89%	18	2.55	86%		347
1984	6,804	4.44	148%	41	3.63	122%	2,844	51
1985	12,621	4.75	159%	171	9.93	334%	1,426	703
1986	4,494	1.98	66%	49	2.19	74%	1,613	
1987	3,246	2.77	93%	42	2.23	75%		445
1988	2,218	1.64	55%	13	0.67	23%		
1989	4,402	2.74	92%	45	2.03	68%		
1990	5,998	3.64	122%	41	1.82	61%		255
1991	4,534	2.63	88%	33	1.71	57%		256
1992	3,402	1.72	57%	23	1.18	40%		329
1993	5,944	4.08	136%	91	4.61	155%		900
1994	4,400	5.07	169%	35	1.53	52%		
1995	7,617	2.15	72%	85	4.79	161%		
1996	3,644	2.84	95%	139	6.53	220%	1,197	212
1982-1995	5,462	2.99		51	2.97			

Table 3. Coho salmon commercial catch and escapement data, Unalakleet Subdistrict, Norton Sound, 1981-1996.

Year	Commercial Catch	Commercial Cumulative CPUE	Commercial Cumulative CPUE as % of 1982-1995 Average	Test Net Catch	Test Net Cummulative CPUE	Test Net Cumulative CPUE as % of 1982-1995 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
Average 1982-1995	41,734	24.76		207	13.78			

Table 4. Chum salmon commercial catch and escapement data, Unalakleet Subdistrict, Norton Sound, 1981-1996.

Year	Commercial Catch	Commercial Cumulative CPUE	Commercial Cumulative CPUE as % of 1982-1995 Average	Test Net Catch	Test Net Cummulative CPUE	Test Net Cumulative CPUE as % of 1982-1995 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	128%		4,135
1983	109,220	43.90	225%	547	79.29	176%		
1984	43,317	22.25	114%	608	55.65	123%	2,915	1,625
1985	25,111	20.20	103%	819	44.75	99%	4,567	
1986	29,136	16.69	85%	806	49.49	110%	3,738	
1987	17,525	10.94	56%	608	29.61	66%		392
1988	25,364	16.15	83%	488	30.17	67%		
1989	20,825	17.01	87%	730	40.76	90%		
1990	23,659	14.62	75%	331	19.08	42%		1,345
1991	39,609	21.46	110%	735	40.57	90%		2,435
1992	52,547	26.60	136%	926	44.97	100%		
1993	28,156	19.37	99%	637	32.27	72%		445
1994	12,288	[a]	[a]	891	48.75	108%		
1995	24,843	9.20	47%	1,101	58.29	129%		
1996	7,369	[b]	[b]	1,424	87.43	194%	9,789	540
Average 1982-1995	35,437	19.54		683	45.11			

[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.

Table 5. Pink salmon commercial catch and escapement data, Unalakleet Subdistrict, Norton Sound, 1994-1996.[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	409.12	221	13.57		
1996	113,837	861.98	2,122	115.52	332,539	251,000

[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, 1961-1996.

	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
5 Year Average[a]	5,181	155	53,014	141,378	31,489	202,941												
10 Year Average[b]	4,626	181	41,302	98,223	27,505	132,548												

[a] 1991-1995
[b] 1986-1995
[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 1994-1996 include fish taken at Stebbins and St. Michael.

Table 7. Dates of the commercial and test fish mean cumulative proportion, Unalakleet Subdistrict, Norton Sound, 1981-1996.

	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		
Average 1982-1995	6/26	6/27	8/12	8/18	7/13	7/17	7/12	7/9	7/12	7/17

[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.

Table 8. King salmon test fish age and sex composition and mean length, Unalakleet River, Norton Sound, 1996.

		Brood Year and (Age Group)					
		1993 (1.1)	1992 (1.2)	1991 (1.3)	1990 (1.4)	1989 (1.5)	Total
Stratum Dates:							
Sampling Dates:	6/06-7/06						
Sample Size:	118						
Female	Percent of Sample	0.0	3.4	47.9	7.7	0.9	59.8
	Number in Catch	0	4	56	9	1	71
	Mean length (mm) [a]		618.8	702.6	816.1	855.0	
Male	Percent of Sample	0.9	5.1	29.9	4.3	0.0	40.2
	Number in Catch	1	6	35	5	0	47
	Mean length (mm) [a]	645.0	536.0	718.0	704.0		
Total	Percent of Sample	0.9	8.5	77.8	12.0	0.9	100.0
	Number in Catch	1	10	92	14	1	118
	Standard Error	1	3	5	4	1	

[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, 1996.

		Brood Year and (Age Group)							
		1993	1992	1991	1990		1989		
		(1.1)	(1.2)	(1.3)	(1.4)	(2.3)	(1.5)	(2.4)	Total
Stratum Dates:									
Sampling Dates:	6/15-6/21								
Sample Size:	128								
Female	Percent of Sample	0.0	0.8	11.8	20.5	0.8	3.9	0.8	38.6
	Number in Catch	0	1	15	26	1	5	1	49
	Mean length (mm) [a]		810.0	815.3	852.5	800.0	906.0	820.0	
Male	Percent of Sample	3.1	2.4	34.6	19.7	0.0	1.6	0.0	61.4
	Number in Catch	4	3	44	25	0	2	0	79
	Mean length (mm) [a]	402.5	600.0	746.7	814.6		1,035.0		
Total	Percent of Sample	3.1	3.1	46.5	40.2	0.8	5.5	0.8	100.0
	Number in Catch	4	4	59	51	1	7	1	128
	Standard Error	2	2	6	6	1	3	1	

[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, 1996.

		Brood Year and (Age Group)			
		1993 (1.1)	1992 (2.1)	1991 (3.1)	Total
Stratum Dates:					
Sampling Dates:	7/16-8/26				
Sample Size:	174				
Female	Percent of Sample	4.0	36.2	0.6	40.8
	Number in Catch	7	63	1	71
	Mean length (mm) [a]	588.6	609.7	630.0	
Male	Percent of Sample	6.9	50.6	1.7	59.2
	Number in Catch	12	88	3	103
	Mean length (mm) [a]	612.5	616.0	638.3	
Total	Percent of Sample	10.9	86.8	2.3	100.0
	Number in Catch	19	151	4	174
	Standard Error	4	4	2	

[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, 1996.

		Brood Year and (Age Group)			
		1993 (1.1)	1992 (2.1)	1991 (3.1)	Total
Stratum Dates:					
Sampling Dates:	7/31-8/03				
Sample Size:	150				
Female	Percent of Sample	2.0	56.7	2.7	61.3
	Number in Catch	3	85	4	92
	Mean length (mm) [a]	620.0	576.4	593.8	
Male	Percent of Sample	1.3	35.3	2.0	38.7
	Number in Catch	2	53	3	58
	Mean length (mm) [a]	602.5	586.2	590.0	
Total	Percent of Sample	3.3	92.0	4.7	100.0
	Number in Catch	5	138	7	150
	Standard Error	2	3	3	

[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, 1996.

		Brood Year and (Age Group)					
		1993 (0.2)	1992 (0.3)	1991 (0.4)	1990 (0.5)	1989 (0.6)	Total
Stratum Dates:							
Sampling Dates:	6/05-7/29						
Sample Size:	503						
Female	Percent of Sample	0.2	6.8	19.8	11.3	0.6	38.8
	Number in Catch	1	34	100	57	3	195
	Mean length (mm) [a]	560.0	600.0	609.4	623.9	610.0	
Male	Percent of Sample	0.2	12.8	31.8	15.9	0.6	61.2
	Number in Catch	1	64	160	80	3	308
	Mean length (mm) [a]	625.0	619.6	634.7	625.8	643.3	
Total	Percent of Sample	0.4	19.6	51.5	27.2	1.2	100.0
	Number in Catch	2	99	259	137	6	503
	Standard Error	1	9	11	10	2	

[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, 1996.

		Brood Year and (Age Group)				
		1992 (0.3)	1991 (0.4)	1990 (0.5)	1989 (0.6)	Total
Stratum Dates:						
Sampling Dates:	7/03-7/31					
Sample Size:	152					
Female	Percent of Sample	9.2	11.8	3.3	0.0	24.3
	Number in Catch	14	18	5	0	37
	Mean length (mm) [a]	567.9	596.4	606.0		
Male	Percent of Sample	14.5	44.7	13.8	2.6	75.7
	Number in Catch	22	68	21	4	115
	Mean length (mm) [a]	619.8	642.7	634.0	620.0	
Total	Percent of Sample	23.7	56.6	17.1	2.6	100.0
	Number in Catch	36	86	26	4	152
	Standard Error	5	6	5	2	

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

Table 14. Chum salmon commercial catch age and sex composition and mean length, Shaktoolik Subdistrict, Norton Sound, 1996.

		Brood Year and (Age Group)			
		1992 (0.3)	1991 (0.4)	1990 (0.5)	Total
Stratum Dates:					
Sampling Dates:	6/25				
Sample Size:	115				
Female	Percent of Sample	24.3	27.8	5.2	57.4
	Number in Catch	28	32	6	66
	Mean length (mm) [a]	559.1	575.3	568.3	
Male	Percent of Sample	20.9	20.0	1.7	42.6
	Number in Catch	24	23	2	49
	Mean length (mm) [a]	604.8	611.7	600.0	
Total	Percent of Sample	45.2	47.8	7.0	100.0
	Number in Catch	52	55	8	115
	Standard Error	5	5	3	

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

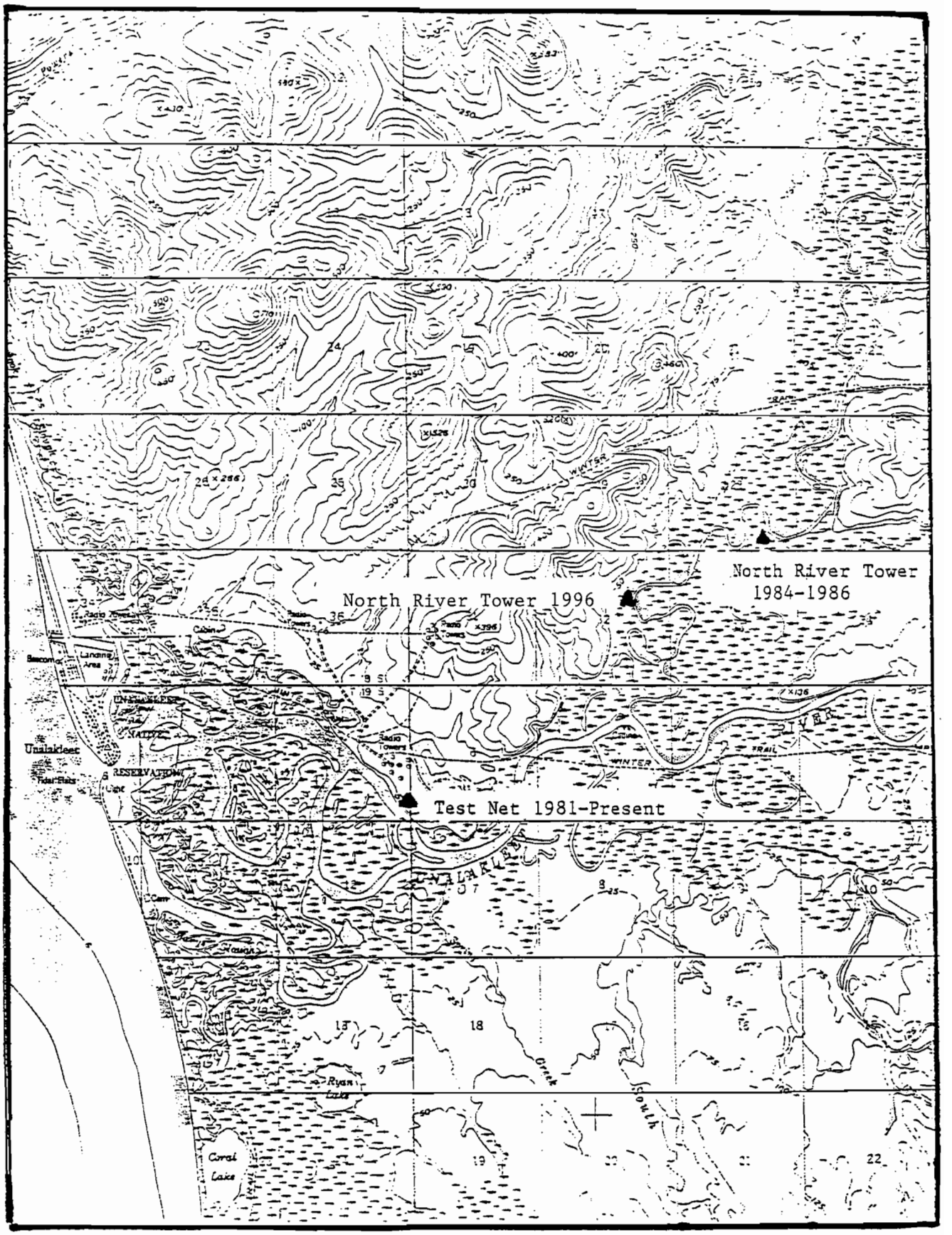


Figure 1. Area location map of the Unalakleet River escapement projects, Norton Sound, 1996.

Figure 2. Comparison of king salmon commercial and test fish cumulative CPUE by year as a percentage of the 14 year average (1982-1995), Unalakleet Subdistrict, Norton Sound.

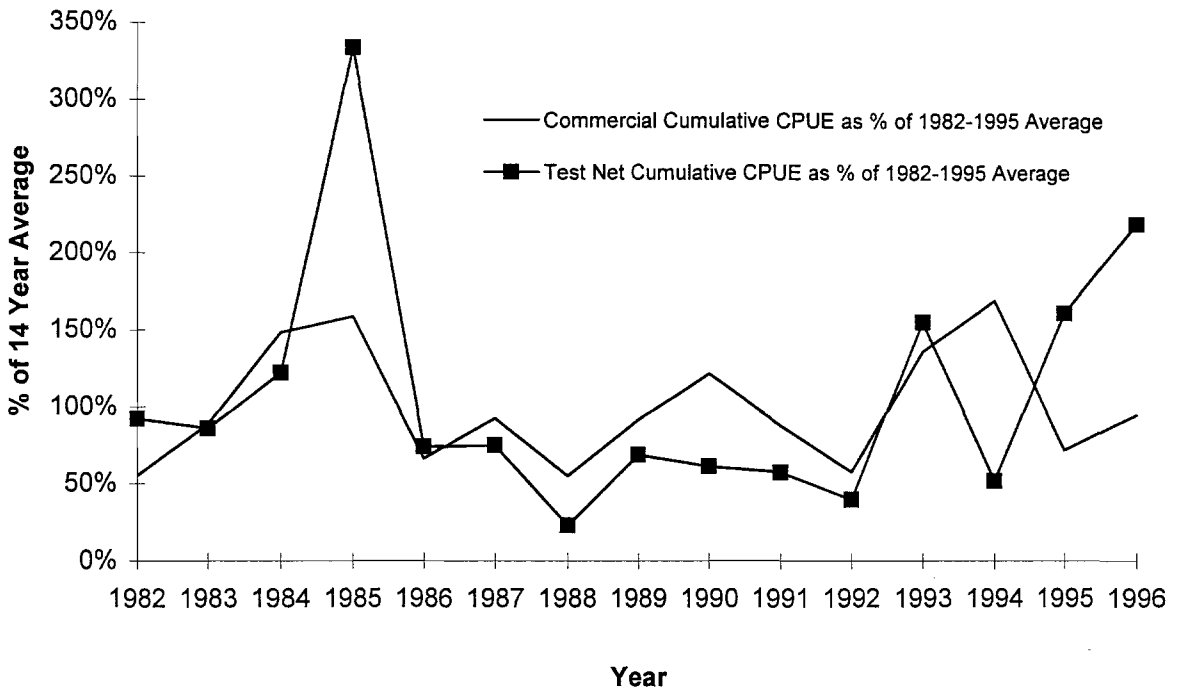


Figure 3. The 1996 cumulative king salmon test fishing CPUE compared to the previous 14 year average (1982-1995), Unalakleet River, Norton Sound.

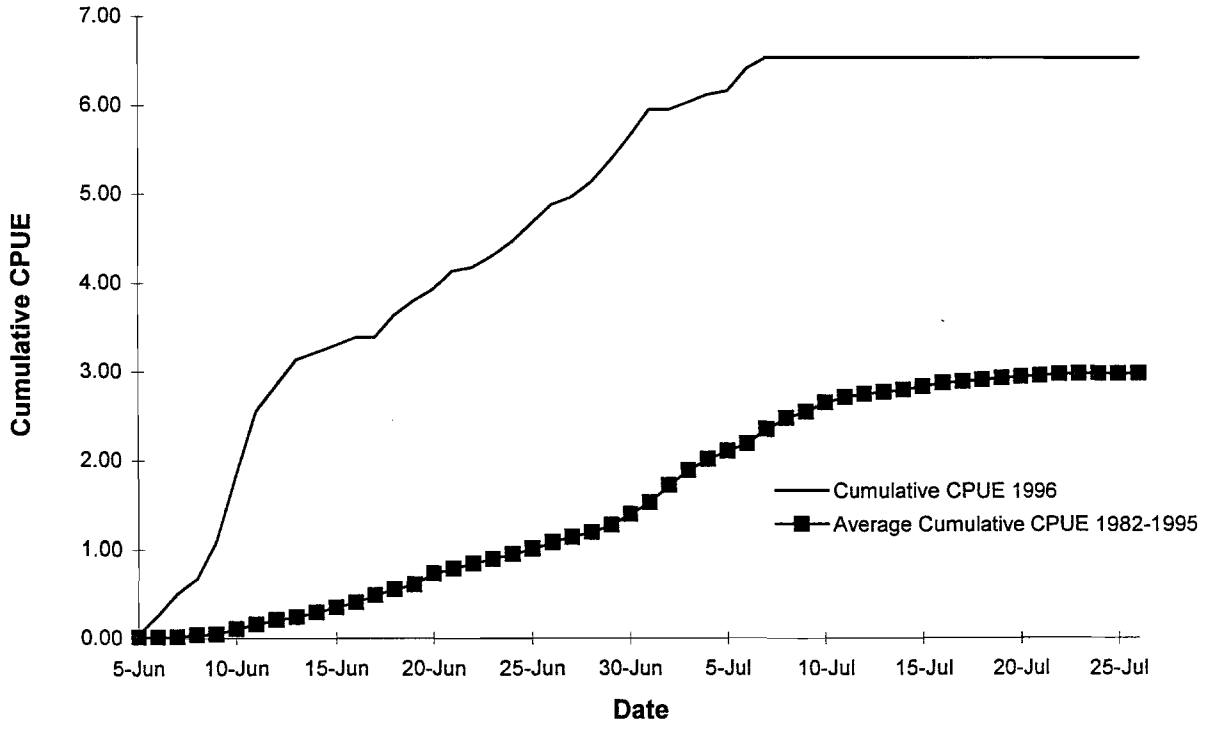


Figure 4. Comparison of coho salmon commercial and test fish cumulative CPUE by year as a percentage of the 14 year average (1982-1995), Unalakleet Subdistrict, Norton Sound.

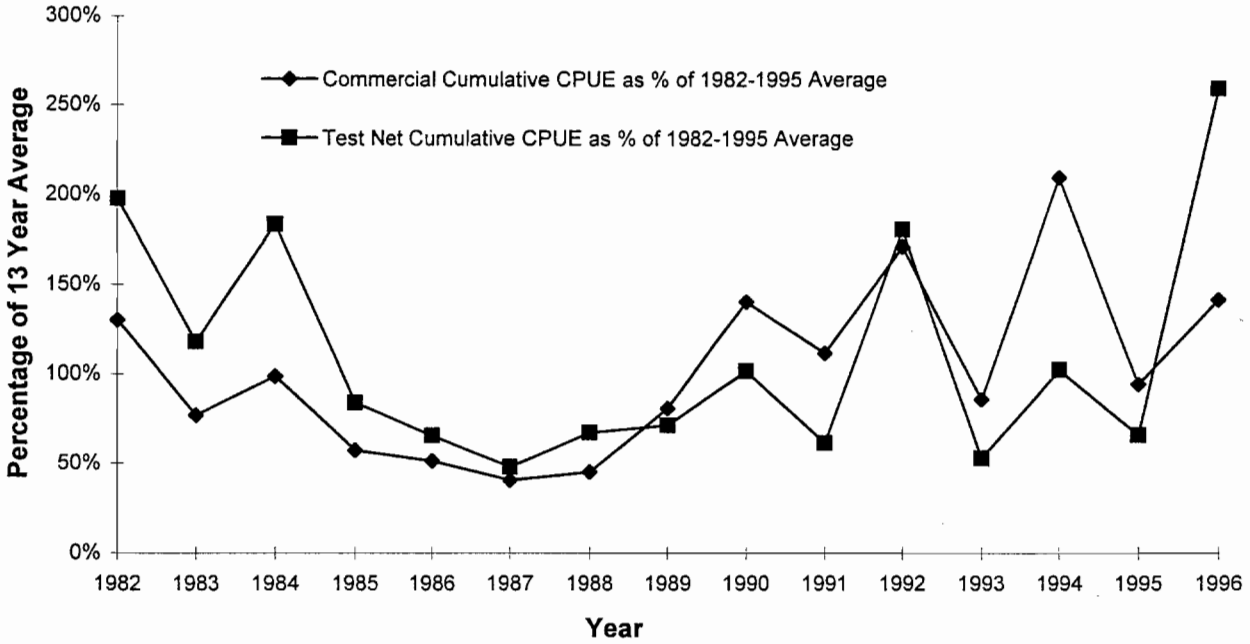


Figure 5. The 1996 cumulative coho salmon test fishing CPUE compared to the previous 14 year average (1982-1995), Unalakleet River, Norton Sound.

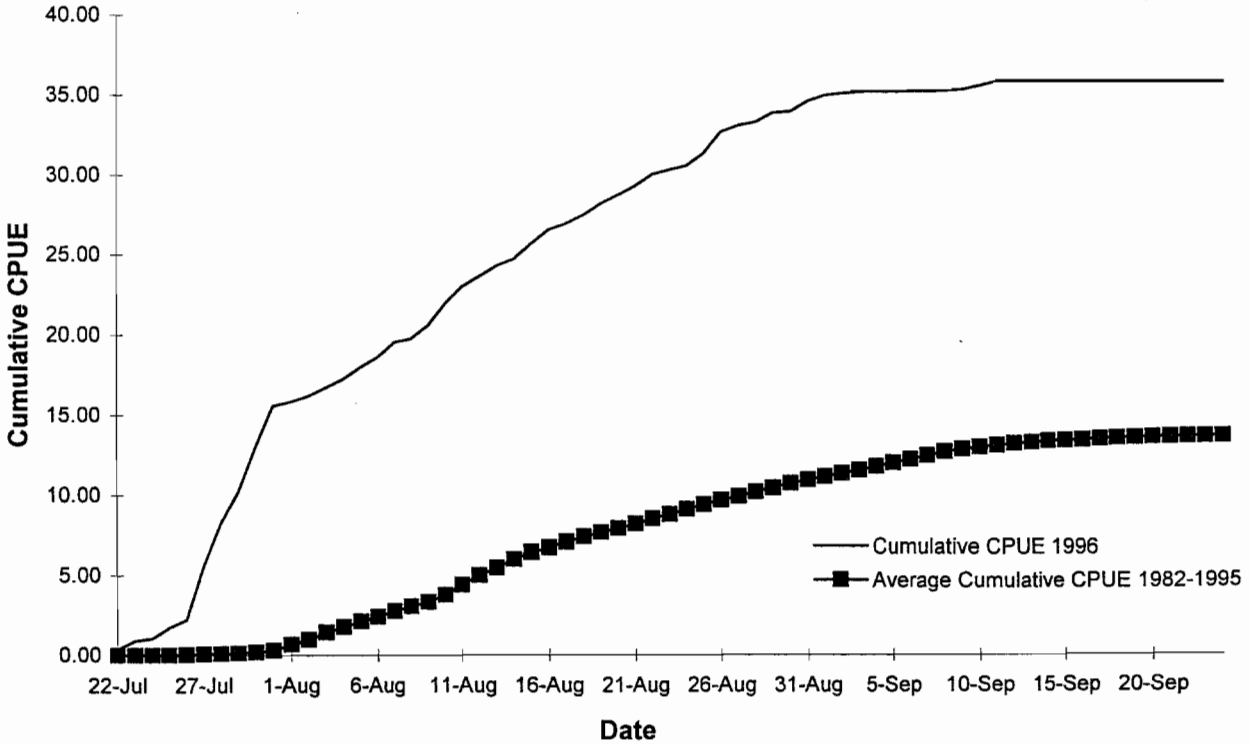


Figure 6. The 1996 cumulative pink salmon test fishing CPUE compared to the even year average (1982-1994), Unalakleet River, Norton Sound.

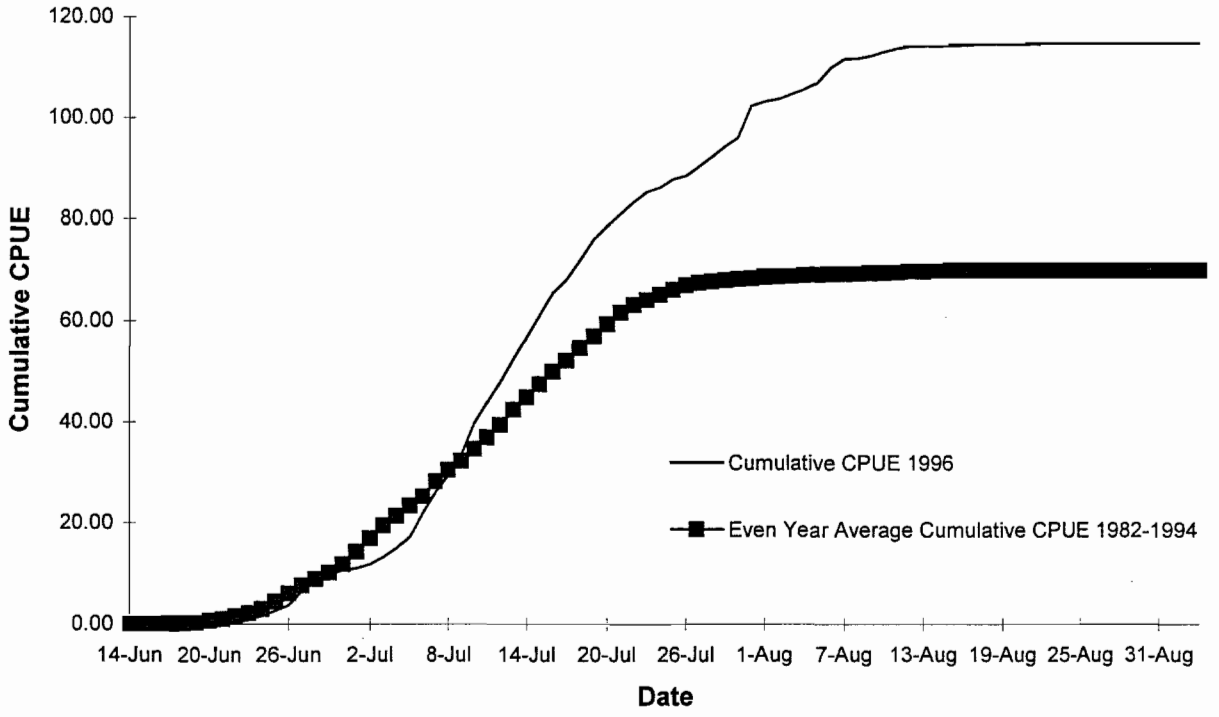
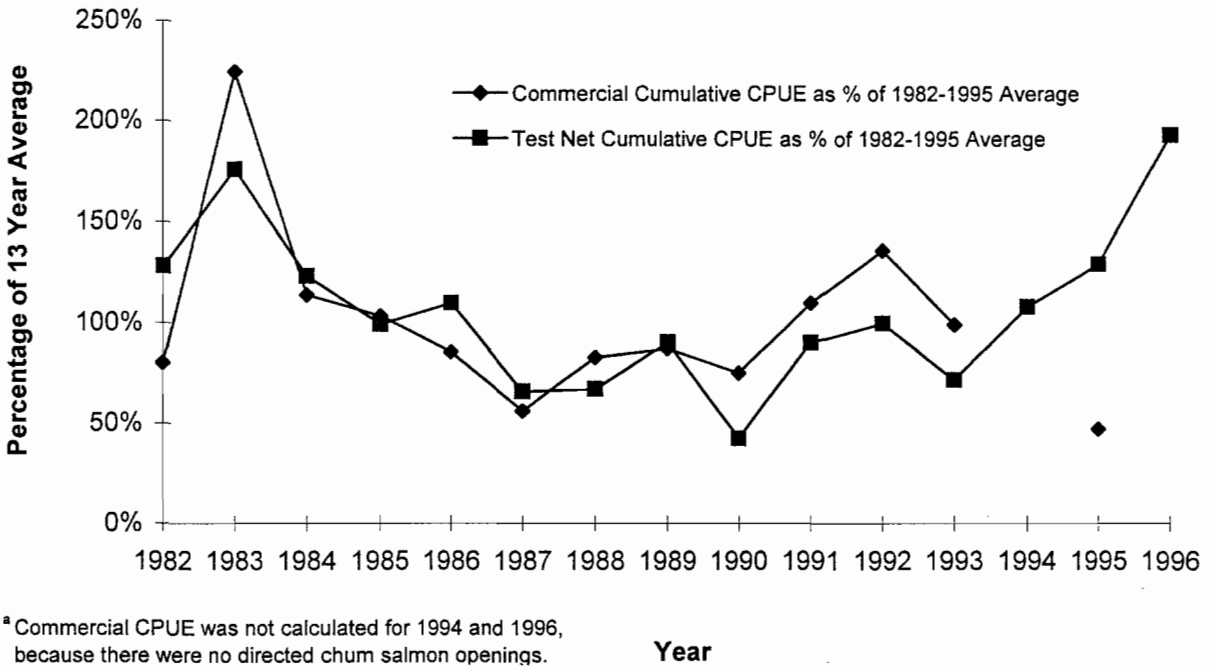


Figure 7. Comparison of chum salmon commercial and test fish cumulative CPUE[a] by year as a percentage of the 14 year average (1982-1995), Unalakleet Subdistrict, Norton Sound.



[a] Commercial CPUE was not calculated for 1994 and 1996, because there were no directed chum salmon openings.

Figure 8. The 1996 cumulative chum salmon test fishing CPUE compared to the previous 15 year average (1981-1995), Unalakleet River, Norton Sound.

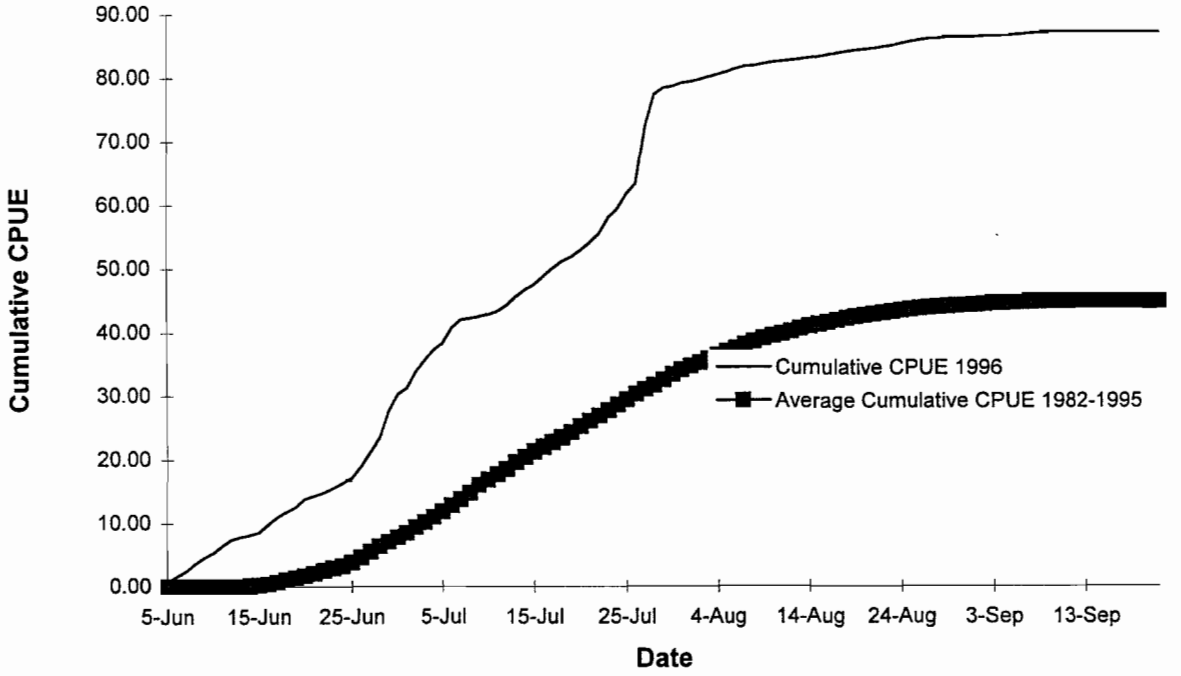


Figure 9. King salmon commercial and test fish cumulative proportion curves showing run- timing by date, Unalakleet Subdistrict, Norton Sound, 1996.

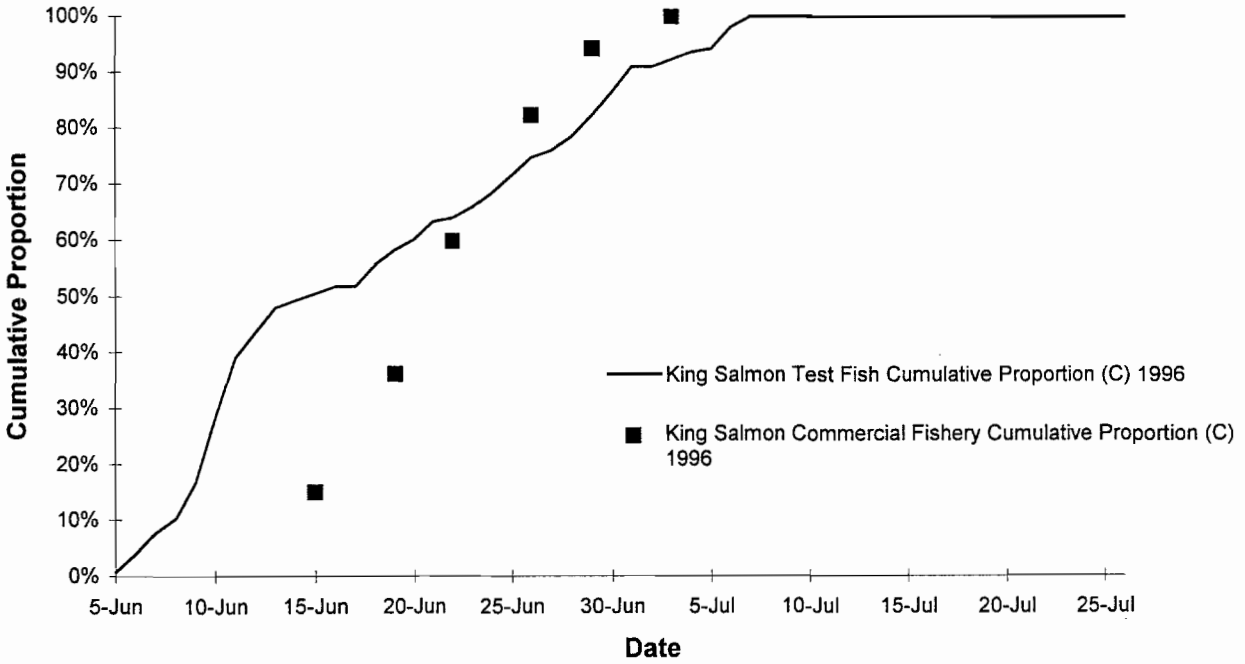


Figure 10. King salmon test fish cumulative proportion run-timing for 1996 compared with the previous 14 year average (1982-1995), Unalakleet River, Norton Sound.

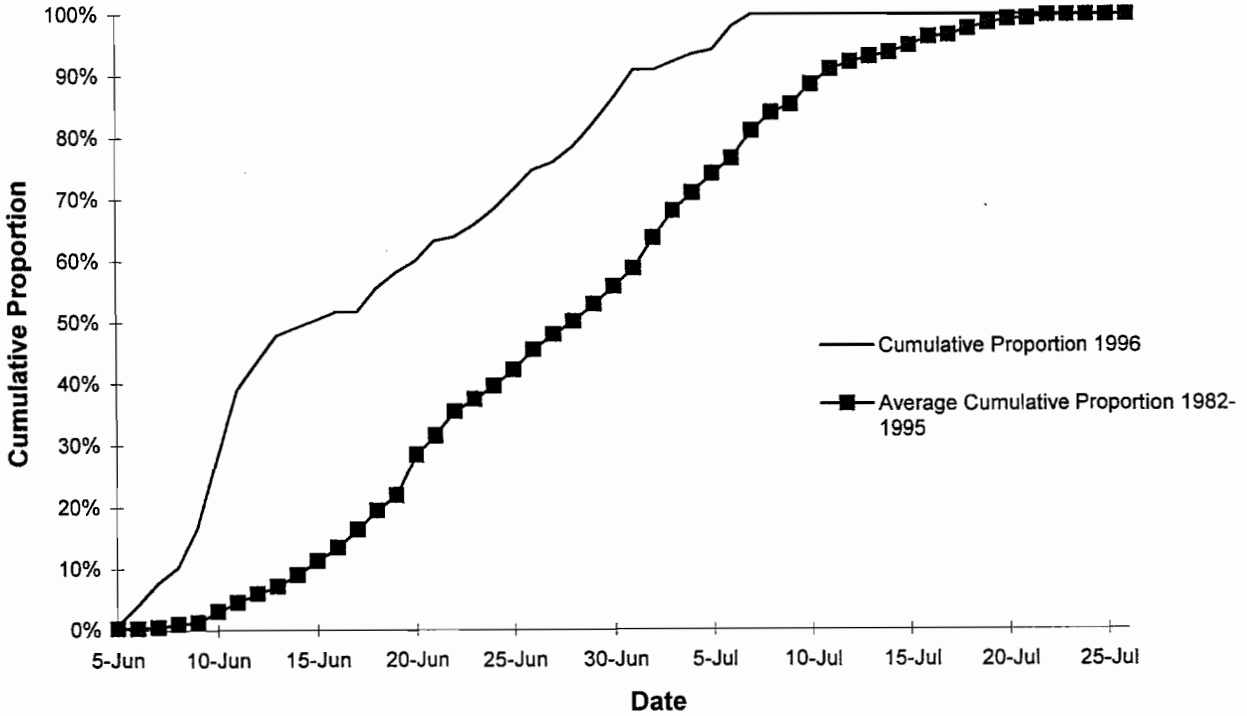


Figure 11. Coho salmon commercial and test fish cumulative proportion curves showing run-timing by date, Unalakleet Subdistrict, Norton Sound, 1996.

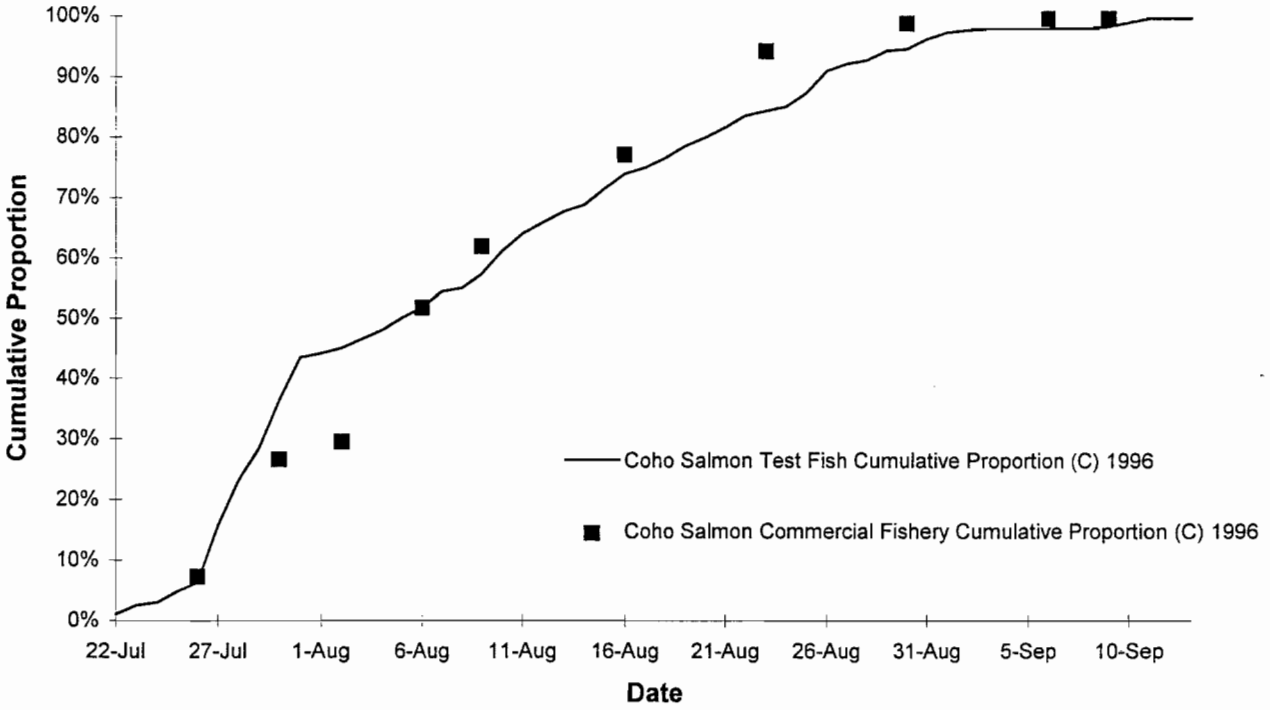


Figure 12. Coho salmon test fish cumulative proportion run-timing for 1996 compared with the 14 year average cumulative proportion (1982-1995), Unalakleet River, Norton Sound.

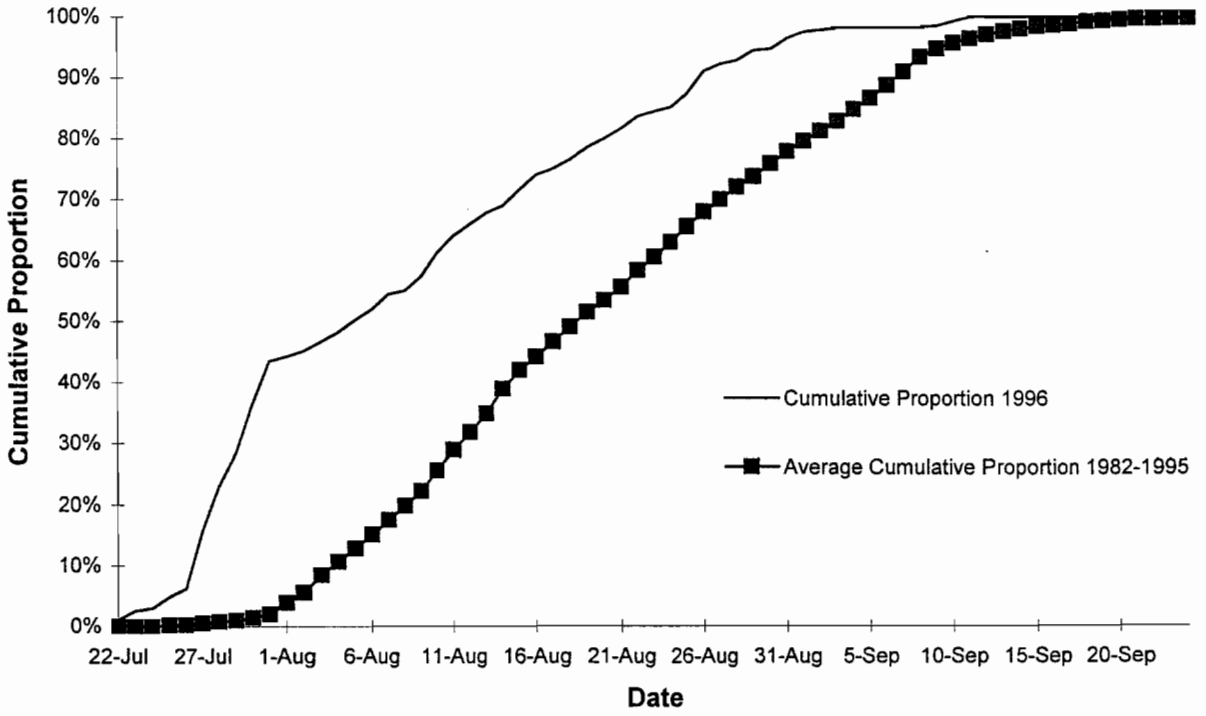


Figure 13. Chum salmon test fish cumulative proportion run-timing for 1996 compared with the 14 year average cumulative proportion (1982-1995), Unalakleet River, Norton Sound.

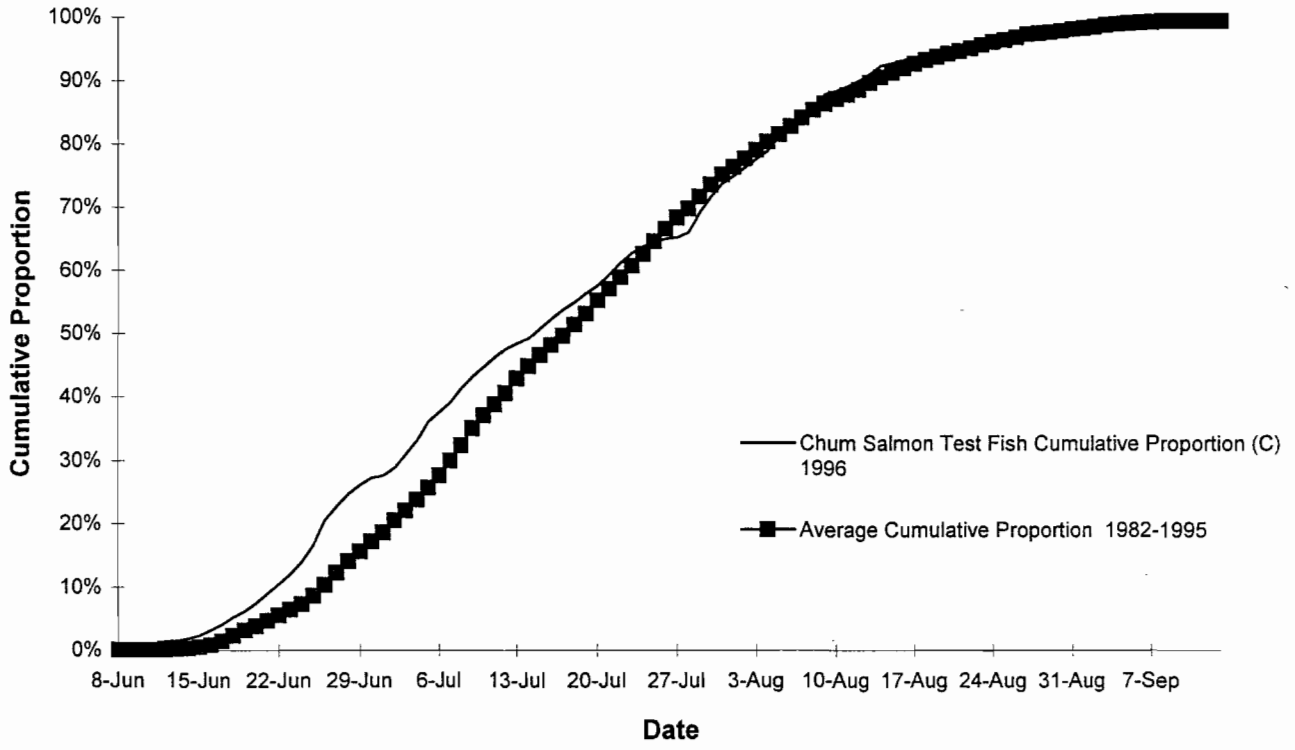


Figure 14. Pink salmon test fish cumulative proportion run-timing for 1996 compared with the even year average cumulative proportion (1982-1994), Unalakleet River, Norton Sound.

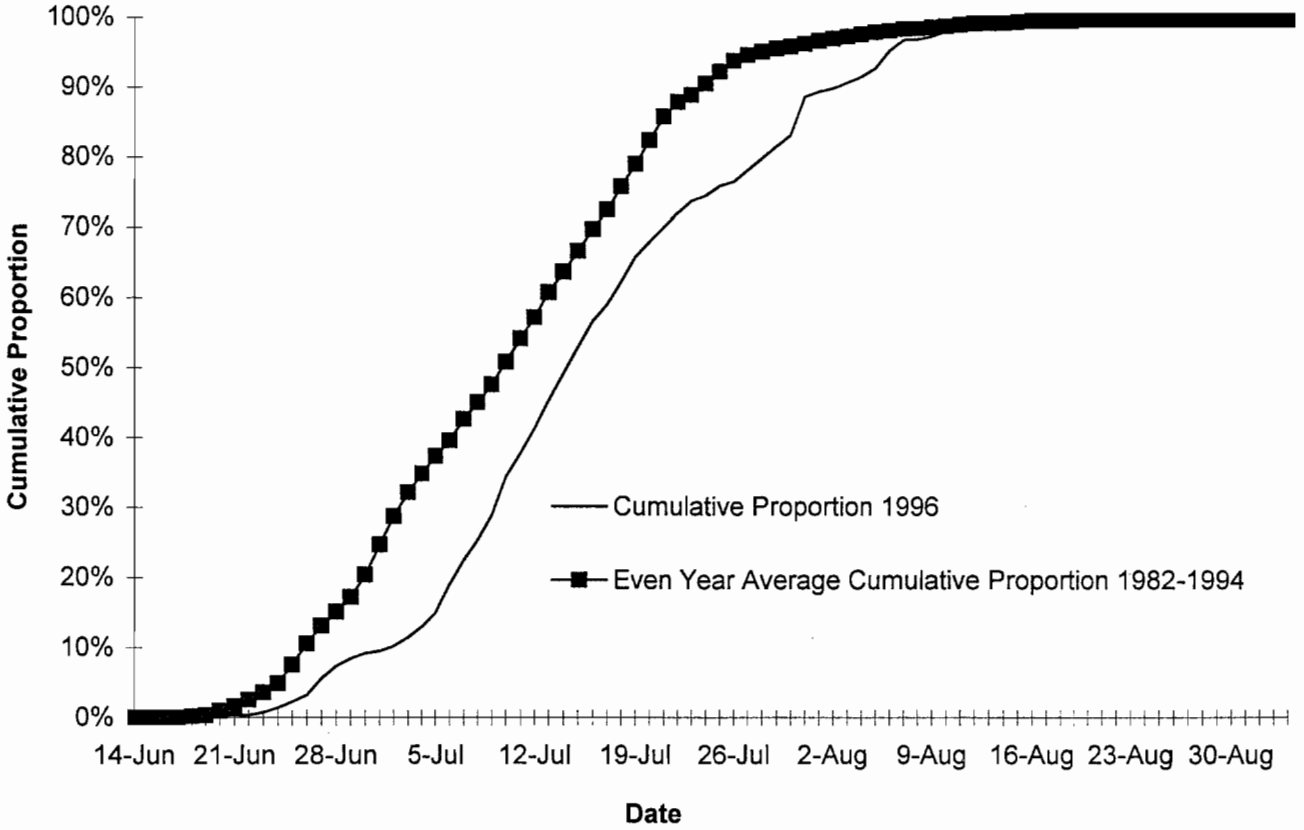
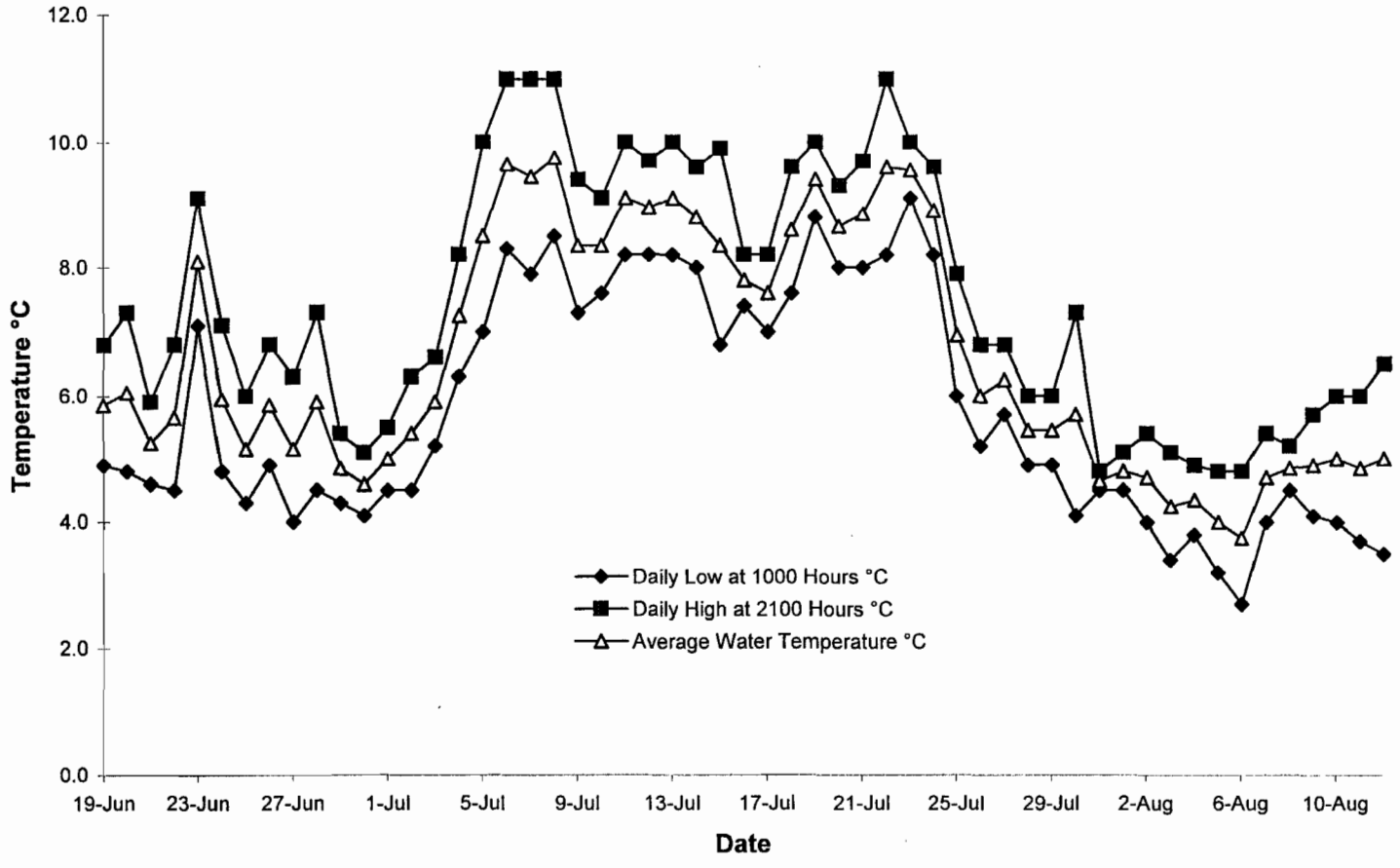


Figure 15. Daily high, low and average water temperatures for the Unlalakleet River, Norton Sound, 19 June to 13 August, 1996.



Appendix Table 1. Test fishing catches of king salmon in 5 7/8" mesh set gillnet,Unalakleet River, Norton Sound, 1982-1996.

1982 King Salmon[a]

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

Mean cumulative proportion date 6/22/82

1983 King Salmon[a]

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
		0.00	0.00	0%
		0.00	0.00	0%
12.6	1	0.08	0.08	3%
12.7	1	0.08	0.16	6%
No Fishing		0.04	0.20	8%
11.4	0	0.00	0.20	8%
No Fishing		0.09	0.29	11%
11.3	2	0.18	0.46	18%
No Fishing		0.17	0.64	25%
11.9	2	0.17	0.80	31%
11.6	1	0.09	0.89	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%
		0.00	2.55	100%
		0.00	2.55	100%
189.0	18			

Mean cumulative proportion date 6/18/83

1984 King Salmon[a]

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

Mean cumulative proportion date 7/4/84

1985 King Salmon[a]

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

Mean cumulative proportion date 7/7/85

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

- continued -

Appendix Table 1. (page 2 of 4)

1986 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			0.00	0.00	0%
17-Jun	23.9	1	0.04	0.04	2%
18-Jun	24.2	2	0.08	0.12	6%
19-Jun	24.1	3	0.12	0.25	11%
20-Jun	24.0	2	0.08	0.33	15%
21-Jun	23.9	2	0.08	0.42	19%
22-Jun	24.3	2	0.08	0.50	23%
23-Jun	23.9	2	0.08	0.58	27%
24-Jun	23.7	2	0.08	0.67	30%
25-Jun	24.0	4	0.17	0.83	38%
26-Jun	25.0	6	0.24	1.07	49%
27-Jun	24.0	1	0.04	1.11	51%
28-Jun	12.1	0	0.00	1.11	51%
29-Jun	No Fishing		0.00	1.11	51%
30-Jun	24.0	0	0.00	1.11	51%
1-Jul	24.1	0	0.00	1.11	51%
2-Jul	23.9	0	0.00	1.11	51%
3-Jul	24.1	0	0.00	1.11	51%
4-Jul	23.9	0	0.00	1.11	51%
5-Jul	12.2	1	0.08	1.20	55%
6-Jul	No Fishing		0.12	1.32	60%
7-Jul	24.4	4	0.16	1.48	68%
8-Jul	24.5	2	0.08	1.57	71%
9-Jul	23.8	2	0.08	1.65	75%
10-Jul	23.9	9	0.38	2.03	92%
11-Jul	24.2	3	0.12	2.15	98%
12-Jul	12.4	0	0.00	2.15	98%
13-Jul	No Fishing		0.00	2.15	98%
14-Jul	24.6	0	0.00	2.15	98%
15-Jul	23.0	1	0.04	2.19	100%
16-Jul			0.00	2.19	100%
17-Jul			0.00	2.19	100%
18-Jul			0.00	2.19	100%
19-Jul			0.00	2.19	100%
20-Jul			0.00	2.19	100%
21-Jul			0.00	2.19	100%
22-Jul			0.00	2.19	100%
23-Jul			0.00	2.19	100%
24-Jul			0.00	2.19	100%
25-Jul			0.00	2.19	100%
26-Jul			0.00	2.19	100%
Totals	590.1	49			
Mean cumulative proportion date					6/27/86

1987 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%
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

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

1989 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%
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%
558.1	45			
Mean cumulative proportion date				6/19/89

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

- continued -

Appendix Table 1. (Page 3 of 4)

1990 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	24.1	2	0.08	0.08	5%
16-Jun	10.1	0	0.00	0.08	5%
17-Jun	No Fishing		0.04	0.13	7%
18-Jun	23.7	2	0.08	0.21	12%
19-Jun	23.8	6	0.25	0.46	25%
20-Jun	24.2	26	1.07	1.54	85%
21-Jun	23.8	1	0.04	1.58	87%
22-Jun	24.2	1	0.04	1.62	89%
23-Jun	10.0	0	0.00	1.62	89%
24-Jun	No Fishing		0.02	1.64	90%
25-Jun	30.0	1	0.03	1.67	92%
26-Jun	21.8	1	0.05	1.72	94%
27-Jun	23.8	0	0.00	1.72	94%
28-Jun	23.5	0	0.00	1.72	94%
29-Jun	24.2	0	0.00	1.72	94%
30-Jun	9.3	0	0.00	1.72	94%
1-Jul	No Fishing		0.00	1.72	94%
2-Jul	22.9	0	0.00	1.72	94%
3-Jul	24.3	0	0.00	1.72	94%
4-Jul	24.0	0	0.00	1.72	94%
5-Jul	23.8	0	0.00	1.72	94%
6-Jul	23.8	0	0.00	1.72	94%
7-Jul	9.9	1	0.10	1.82	100%
8-Jul			0.00	1.82	100%
9-Jul			0.00	1.82	100%
10-Jul			0.00	1.82	100%
11-Jul			0.00	1.82	100%
12-Jul			0.00	1.82	100%
13-Jul			0.00	1.82	100%
14-Jul			0.00	1.82	100%
15-Jul			0.00	1.82	100%
16-Jul			0.00	1.82	100%
17-Jul			0.00	1.82	100%
18-Jul			0.00	1.82	100%
19-Jul			0.00	1.82	100%
20-Jul			0.00	1.82	100%
21-Jul			0.00	1.82	100%
22-Jul			0.00	1.82	100%
23-Jul			0.00	1.82	100%
24-Jul			0.00	1.82	100%
25-Jul			0.00	1.82	100%
26-Jul			0.00	1.82	100%
Totals	425.2	41			
	Mean cumulative proportion date				6/20/90

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

1992 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%
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)	Cumul-ative CPUE	Cumulative Proportion
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
23.7	1	0.04	0.04	1%
24.0	1	0.04	0.08	2%
24.0	4	0.17	0.25	5%
24.0	3	0.13	0.38	8%
24.0	4	0.17	0.54	12%
24.0	3	0.13	0.67	14%
24.0	2	0.08	0.75	16%
24.0	1	0.04	0.79	17%
24.0	6	0.25	1.04	23%
24.3	3	0.12	1.17	25%
24.0	1	0.04	1.21	26%
24.0	1	0.04	1.25	27%
23.7	1	0.04	1.29	28%
24.0	3	0.13	1.42	31%
24.0	1	0.04	1.46	32%
24.0	3	0.13	1.58	34%
24.0	7	0.29	1.87	41%
24.0	1	0.04	1.92	42%
25.7	2	0.08	1.99	43%
22.6	6	0.27	2.26	49%
23.8	4	0.17	2.43	53%
24.0	4	0.17	2.59	56%
24.0	4	0.17	2.76	60%
24.0	4	0.17	2.93	63%
24.0	2	0.08	3.01	65%
8.5	6	0.71	3.72	81%
No Fishing		0.35	4.07	88%
23.7	0	0.00	4.07	88%
24.0	3	0.13	4.19	91%
24.0	7	0.29	4.49	97%
24.0	1	0.04	4.53	98%
24.0	1	0.04	4.57	99%
9.0	0	0.00	4.57	99%
No Fishing		0.00	4.57	99%
24.0	0	0.00	4.57	99%
24.0	1	0.04	4.61	100%
24.0	0	0.00	4.61	100%
24.0	0	0.00	4.61	100%
24.0	0	0.00	4.61	100%
		0.00	4.61	100%
		0.00	4.61	100%
		0.00	4.61	100%
		0.00	4.61	100%
		0.00	4.61	100%
		0.00	4.61	100%
		0.00	4.61	100%
		0.00	4.61	100%
		0.00	4.61	100%
857.0	91			
Mean cumulative proportion date				6/28/93

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

- continued -

Appendix Table 1. (Page 4 of 4)

1994 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	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

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

1995 King Salmon[a]

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion
17.0	3	0.18	0.18	4%
24.0	0	0.00	0.18	4%
23.0	0	0.00	0.18	4%
25.0	3	0.12	0.30	6%
24.0	1	0.04	0.34	7%
9.0	4	0.44	0.78	16%
No Fishing		0.35	1.13	24%
24.0	6	0.25	1.38	29%
24.0	0	0.00	1.38	29%
24.0	4	0.17	1.55	32%
24.0	6	0.25	1.80	38%
24.0	4	0.17	1.96	41%
24.0	7	0.29	2.25	47%
25.0	3	0.12	2.37	50%
23.0	1	0.04	2.42	50%
24.0	5	0.21	2.63	55%
24.0	1	0.04	2.67	56%
24.0	1	0.04	2.71	57%
24.0	3	0.13	2.83	59%
25.0	3	0.12	2.95	62%
23.0	1	0.04	3.00	63%
24.0	2	0.08	3.08	64%
24.0	1	0.04	3.12	65%
24.0	0	0.00	3.12	65%
24.0	5	0.21	3.33	70%
24.0	3	0.13	3.46	72%
9.0	1	0.11	3.57	74%
No Fishing		0.20	3.77	79%
24.0	7	0.29	4.06	85%
24.0	2	0.08	4.14	87%
24.0	3	0.13	4.27	89%
24.0	0	0.00	4.27	89%
24.0	4	0.17	4.44	93%
8.0	1	0.13	4.56	95%
No Fishing		0.10	4.67	97%
24.0	2	0.08	4.75	99%
24.0	1	0.04	4.79	100%
24.0	0	0.00	4.79	100%
24.0	0	0.00	4.79	100%
24.0	0	0.00	4.79	100%
8.5	0	0.00	4.79	100%
		0.00	4.79	100%
		0.00	4.79	100%
		0.00	4.79	100%
		0.00	4.79	100%
		0.00	4.79	100%
		0.00	4.79	100%
		0.00	4.79	100%
		0.00	4.79	100%
		0.00	4.79	100%
		0.00	4.79	100%
		0.00	4.79	100%
		0.00	4.79	100%
		0.00	4.79	100%
		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)	Cumul-ative CPUE	Cumulative Proportion
20.0	1	0.05	0.05	1%
24.0	5	0.21	0.26	4%
24.0	6	0.25	0.51	8%
24.0	4	0.17	0.68	10%
24.0	10	0.42	1.09	17%
24.0	18	0.75	1.84	28%
24.0	17	0.71	2.55	39%
24.0	7	0.29	2.84	44%
24.0	7	0.29	3.13	48%
24.0	2	0.08	3.22	49%
24.0	2	0.08	3.30	51%
24.0	2	0.08	3.38	52%
24.0	0	0.00	3.38	52%
24.0	6	0.25	3.63	56%
24.0	4	0.17	3.80	58%
24.0	3	0.13	3.93	60%
24.0	5	0.21	4.13	63%
24.0	1	0.04	4.18	64%
24.0	3	0.13	4.30	66%
24.0	4	0.17	4.47	68%
24.0	5	0.21	4.68	72%
24.0	5	0.21	4.88	75%
24.0	2	0.08	4.97	76%
24.0	4	0.17	5.13	79%
8.0	2	0.25	5.38	82%
No Fishing		0.27	5.65	87%
24.0	7	0.29	5.95	91%
24.0	0	0.00	5.95	91%
24.0	2	0.08	6.03	92%
24.0	2	0.08	6.11	94%
24.0	1	0.04	6.15	94%
8.0	2	0.25	6.40	98%
No Fishing		0.13	6.53	100%
24.0	0	0.00	6.53	100%
24.0	0	0.00	6.53	100%
24.0	0	0.00	6.53	100%
24.0	0	0.00	6.53	100%
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%
1084.0	139			
Mean cumulative proportion date				6/18/95

King Salmon

Average Cumulative CPUE 1982-1995	Average Cumulative Proportion 1982-1995
0.01	0%
0.01	0%
0.02	1%
0.04	1%
0.05	1%
0.11	3%
0.16	5%
0.21	6%
0.24	7%
0.29	9%
0.35	11%
0.41	13%
0.49	16%
0.55	19%
0.60	22%
0.73	28%
0.79	32%
0.84	35%
0.89	37%
0.95	40%
1.00	42%
1.08	46%
1.14	48%
1.19	50%
1.27	53%
1.40	56%
1.52	59%
1.72	64%
1.89	68%
2.01	71%
2.10	74%
2.19	77%
2.35	81%
2.47	84%
2.54	85%
2.65	89%
2.71	91%
2.75	92%
2.77	93%
2.80	94%
2.83	95%
2.87	96%
2.89	97%
2.91	98%
2.93	99%
2.95	99%
2.96	99%
2.98	100%
2.98	100%
2.99	100%
2.99	100%
2.99	100%

Appendix Table 2. Test fishing catches of coho salmon in 5 7/8" mesh set gillnet, Unalakleet River, Norton Sound, 1981-1996.

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

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

- continued -

Appendix Table 2. (Page 2 of 5).

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

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

- continued -

	1989 Coho Salmon[a]					1990 Coho Salmon[a]					1991 Coho Salmon[a]					1992 Coho Salmon[a]				
Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion
22-Jul			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
23-Jul			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
24-Jul			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
25-Jul			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
26-Jul			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
27-Jul	24.5	5	0.20	0.20	2%			0.00	0.00	0%			0.00	0.00	0%	23.8	5	0.21	0.21	1%
28-Jul	23.7	1	0.04	0.25	3%			0.00	0.00	0%			0.00	0.00	0%	23.9	2	0.08	0.29	1%
29-Jul	10.2	2	0.20	0.44	5%			0.00	0.00	0%			0.00	0.00	0%	24.0	2	0.08	0.38	2%
30-Jul	No Fishing		0.14	0.58	6%			0.00	0.00	0%			0.00	0.00	0%	24.0	1	0.04	0.42	2%
31-Jul	24.3	2	0.08	0.66	7%			0.00	0.00	0%			0.00	0.00	0%	24.0	1	0.04	0.46	2%
1-Aug	23.8	4	0.17	0.83	8%			0.00	0.00	0%			0.00	0.00	0%	6.2	2	0.32	0.78	3%
2-Aug	24.5	5	0.20	1.04	11%			0.00	0.00	0%			0.00	0.00	0%	No Fishing		0.18	0.97	4%
3-Aug	23.8	3	0.13	1.16	12%			0.00	0.00	0%	8.1	1	0.12	0.12	1%	23.8	1	0.04	1.01	4%
4-Aug	24.0	5	0.21	1.37	14%	25.3	6	0.24	0.24	2%	No Fishing		0.08	0.21	2%	23.9	2	0.08	1.09	4%
5-Aug	10.2	5	0.49	1.86	19%	7.5	0	0.00	0.24	2%	23.7	1	0.04	0.25	3%	24.0	4	0.17	1.26	5%
6-Aug	No Fishing		0.27	2.13	22%	No Fishing		0.22	0.45	3%	24.0	3	0.13	0.37	4%	24.0	14	0.58	1.84	7%
7-Aug	24.3	1	0.04	2.17	22%	23.2	10	0.43	0.88	6%	24.0	3	0.13	0.50	6%	24.0	11	0.46	2.30	9%
8-Aug	23.9	4	0.17	2.33	24%	24.0	1	0.04	0.93	7%	24.2	12	0.50	0.99	12%	6.8	0	0.00	2.30	9%
9-Aug	24.2	6	0.25	2.58	26%	24.0	8	0.33	1.26	9%	23.8	3	0.13	1.12	13%	No Fishing		0.25	2.55	10%
######	23.8	6	0.25	2.83	29%	23.8	8	0.34	1.59	11%	9.1	1	0.11	1.23	15%	23.6	12	0.51	3.06	12%
######	No Fishing		0.17	3.01	31%	23.8	3	0.13	1.72	12%	No Fishing		0.20	1.43	17%	24.0	135	5.63	8.69	35%
######	33.8	3	0.09	3.09	32%	11.0	1	0.09	1.81	13%	23.9	7	0.29	1.72	20%	7.8	45	5.77	14.46	58%
######	No Fishing		0.48	3.58	36%	No Fishing		0.34	2.15	15%	24.0	1	0.04	1.77	21%	15.6	27	1.73	16.19	65%
######	24.0	21	0.88	4.45	45%	22.0	13	0.59	2.74	20%	24.0	1	0.04	1.81	21%	23.9	12	0.50	16.69	67%
######	24.2	14	0.58	5.03	51%	24.0	17	0.71	3.45	25%	24.0	3	0.13	1.93	23%	6.8	3	0.44	17.13	69%
######	24.2	10	0.41	5.44	55%	24.0	12	0.50	3.95	28%	24.0	0	0.00	1.93	23%	No Fishing		0.83	17.96	72%
######	23.6	7	0.30	5.74	58%	24.0	23	0.96	4.91	35%	9.0	0	0.00	1.93	23%	23.8	29	1.22	19.18	77%
######	No Fishing		0.30	6.04	62%	24.2	12	0.50	5.41	39%	No Fishing		0.11	2.04	24%	24.3	8	0.33	19.51	78%
######	32.8	10	0.30	6.34	65%	9.4	5	0.53	5.94	42%	23.8	5	0.21	2.25	27%	23.8	14	0.59	20.10	81%
######	No Fishing		0.19	6.54	67%	No Fishing		0.48	6.42	46%	24.0	2	0.08	2.33	28%	24.0	9	0.38	20.47	82%
######	24.0	2	0.08	6.62	67%	23.5	10	0.43	6.84	49%	24.0	10	0.42	2.75	32%	24.0	9	0.38	20.85	84%
######	24.0	4	0.17	6.79	69%	24.2	17	0.70	7.54	54%	24.0	8	0.33	3.08	36%	7.5	1	0.13	20.98	84%
######	23.5	5	0.21	7.00	71%	24.6	15	0.61	8.15	58%	24.0	5	0.21	3.29	39%	No Fishing		0.19	21.17	85%
######	No Fishing		0.18	7.18	73%	23.2	20	0.86	9.02	64%	8.5	1	0.12	3.41	40%	24.1	6	0.25	21.42	86%
######	34.5	5	0.14	7.33	75%	24.2	8	0.33	9.35	67%	No Fishing		0.25	3.66	43%	24.0	4	0.17	21.59	87%
######	25.0	4	0.16	7.49	76%	8.5	2	0.24	9.58	68%	23.5	9	0.38	4.04	48%	24.0	5	0.21	21.79	87%
######	No Fishing		0.25	7.73	79%	No Fishing		0.65	10.23	73%	24.0	4	0.17	4.21	50%	24.0	11	0.46	22.25	89%
######	24.0	8	0.33	8.07	82%	16.9	18	1.07	11.30	81%	24.3	1	0.04	4.25	50%	24.0	5	0.21	22.46	90%
######	25.8	9	0.35	8.41	86%	24.0	11	0.46	11.76	84%	25.6	1	0.04	4.29	51%	7.2	2	0.28	22.74	91%
######	22.8	4	0.18	8.59	87%	24.0	11	0.46	12.21	87%	22.5	4	0.18	4.47	53%	No Fishing		0.27	23.01	92%
######	23.7	4	0.17	8.76	89%	24.1	5	0.21	12.42	89%	8.4	0	0.00	4.47	53%	23.5	6	0.26	23.26	93%
1-Sep	23.8	6	0.25	9.01	92%	24.0	2	0.08	12.51	89%	No Fishing		0.24	4.70	56%	23.7	7	0.30	23.56	95%
2-Sep	11.8	1	0.08	9.10	93%	9.0	0	0.00	12.51	89%	23.4	11	0.47	5.17	61%	24.0	4	0.17	23.72	95%
3-Sep	No Fishing		0.09	9.18	93%	No Fishing		0.02	12.53	89%	24.0	10	0.42	5.59	66%	24.0	2	0.08	23.81	96%
4-Sep	23.3	2	0.09	9.27	94%	23.7	1	0.04	12.57	90%	24.2	13	0.54	6.12	72%	24.1	8	0.33	24.14	97%
5-Sep	24.0	2	0.08	9.35	95%	23.2	3	0.13	12.70	91%	24.0	5	0.21	6.33	75%	7.0	1	0.14	24.28	97%
6-Sep	No Fishing		0.07	9.42	96%	33.0	6	0.18	12.88	92%	23.9	8	0.33	6.67	79%	No Fishing		0.18	24.46	98%
7-Sep	48.3	3	0.06	9.48	97%	No Fishing		0.20	13.08	93%	8.3	6	0.72	7.39	87%	23.6	5	0.21	24.67	99%
8-Sep	23.7	2	0.08	9.57	97%	No Fishing		0.20	13.27	95%	No Fishing		0.53	7.92	94%	24.2	6	0.25	24.92	100%
9-Sep	24.0	2	0.08	9.65	98%	No Fishing		0.20	13.47	96%	24.2	8	0.33	8.25	98%			0.00	24.92	100%
10-Sep	24.0	2	0.08	9.74	99%	No Fishing		0.20	13.67	98%	23.7	5	0.21	8.46	100%			0.00	24.92	100%
11-Sep	23.8	0	0.00	9.74	99%	14.1	3	0.21	13.88	99%			0.00	8.46	100%			0.00	24.92	100%
12-Sep	24.0	2	0.08	9.82	100%	23.5	2	0.09	13.97	100%			0.00	8.46	100%			0.00	24.92	100%
13-Sep			0.00	9.82	100%	24.0	1	0.04	14.01	100%			0.00	8.46	100%			0.00	24.92	100%
14-Sep			0.00	9.82	100%			0.00	14.01	100%			0.00	8.46	100%			0.00	24.92	100%
15-Sep			0.00	9.82	100%			0.00	14.01	100%			0.00	8.46	100%			0.00	24.92	100%
16-Sep			0.00	9.82	100%			0.00	14.01	100%			0.00	8.46	100%			0.00	24.92	100%
17-Sep			0.00	9.82	100%			0.00	14.01	100%			0.00	8.46	100%			0.00	24.92	100%
18-Sep			0.00	9.82	100%			0.00	14.01	100%			0.00	8.46	100%			0.00	24.92	100%
19-Sep			0.00	9.82	100%			0.00	14.01	100%			0.00	8.46	100%			0.00	24.92	100%
20-Sep			0.00	9.82	100%			0.00	14.01	100%			0.00	8.46	100%			0.00	24.92	100%
21-Sep			0.00	9.82	100%			0.00	14.01	100%			0.00	8.46	100%			0.00	24.92	100%
22-Sep			0.00	9.82	100%			0.00	14.01	100%			0.00	8.46	100%			0.00	24.92	100%
23-Sep			0.00	9.82	100%			0.00	14.01	100%			0.00	8.46	100%			0.00	24.92	100%
24-Sep			0.00	9.82	100%			0.00	14.01	100%			0.00	8.46	100%			0.00	24.92	100%
Totals	925.8	181				681.9	254				698.1	152				782.9	421			
	Mean cumulative proportion date				8/15/89	Mean cumulative proportion date				8/22/90	Mean cumulative proportion date				8/27/91	Mean cumulative proportion date				8/12/92

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

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	1993 Coho Salmon[a]					1994 Coho Salmon[a]					1995 Coho Salmon[a]					1996 Coho Salmon[a]				
Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion
22-Jul			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%	24.0	9	0.38	0.38	1%
23-Jul			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%	24.0	13	0.54	0.92	3%
24-Jul			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%	24.0	4	0.17	1.08	3%
25-Jul			0.00	0.00	0%	15.0	6	0.40	0.40	3%			0.00	0.00	0%	24.0	16	0.67	1.75	5%
26-Jul			0.00	0.00	0%	15.0	2	0.13	0.53	4%			0.00	0.00	0%	24.0	12	0.50	2.25	6%
27-Jul			0.00	0.00	0%	15.0	1	0.07	0.60	4%			0.00	0.00	0%	8.0	27	3.38	5.63	16%
28-Jul			0.00	0.00	0%	15.0	4	0.27	0.87	6%			0.00	0.00	0%	No Fishing		2.65	8.27	23%
29-Jul			0.00	0.00	0%	15.0	1	0.07	0.93	7%			0.00	0.00	0%	24.0	46	1.92	10.19	28%
30-Jul			0.00	0.00	0%	8.5	1	0.12	1.05	7%			0.00	0.00	0%	24.0	69	2.88	13.06	36%
31-Jul			0.00	0.00	0%	No Fishing		0.14	1.19	8%			0.00	0.00	0%	24.0	61	2.54	15.60	43%
1-Aug			0.00	0.00	0%	23.5	4	0.17	1.37	10%			0.00	0.00	0%	24.0	6	0.25	15.85	44%
2-Aug			0.00	0.00	0%	24.0	1	0.04	1.41	10%			0.00	0.00	0%	24.0	8	0.33	16.19	45%
3-Aug			0.00	0.00	0%	24.0	7	0.29	1.70	12%	24.0	16	0.67	0.67	7%	No Fishing		0.54	16.73	47%
4-Aug			0.00	0.00	0%	24.0	5	0.21	1.91	13%	24.0	6	0.25	0.92	10%	No Fishing		0.54	17.27	48%
5-Aug			0.00	0.00	0%	24.0	4	0.17	2.07	15%	8.0	0	0.00	0.92	10%	24.0	18	0.75	18.02	50%
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%	24.0	15	0.63	18.65	52%
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%	24.0	22	0.92	19.56	55%
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%	24.0	5	0.21	19.77	55%
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%	24.0	20	0.83	20.60	57%
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%	8.0	11	1.38	21.98	61%
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%	No Fishing		1.02	23.00	64%
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%	24.0	16	0.67	23.67	66%
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%	24.0	16	0.67	24.33	68%
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%	24.0	10	0.42	24.75	69%
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%	24.0	23	0.96	25.71	72%
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%	24.0	21	0.88	26.58	74%
17-Aug	24.0	7	0.29	1.25	17%			0.00	6.47	46%	24.0	2	0.08	5.83	64%	8.0	3	0.38	26.96	75%
18-Aug	24.0	16	0.67	1.91	26%	Flooding		0.00	6.47	46%	24.0	4	0.17	6.00	66%	No Fishing		0.54	27.50	77%
19-Aug	24.0	6	0.25	2.16	30%			0.00	6.47	46%	8.0	1	0.13	6.13	67%	24.0	17	0.71	28.21	79%
20-Aug	24.5	11	0.45	2.61	36%			0.00	6.47	46%	No Fishing		0.13	6.25	68%	24.0	13	0.54	28.75	80%
21-Aug	8.0	1	0.13	2.74	38%			0.00	6.47	46%	24.0	3	0.13	6.38	70%	24.0	14	0.58	29.33	82%
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%	24.0	17	0.71	30.04	84%
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%	24.0	7	0.29	30.33	85%
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%	8.0	2	0.25	30.58	85%
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%	No Fishing		0.79	31.38	87%
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%	24.0	32	1.33	32.71	91%
27-Aug	24.5	9	0.37	4.57	63%			0.00	11.37	80%	No Fishing		0.06	7.56	83%	24.0	10	0.42	33.13	92%
28-Aug	7.5	3	0.40	4.97	68%	Flooding		0.00	11.37	80%	24.0	3	0.13	7.69	84%	24.0	5	0.21	33.33	93%
29-Aug	No Fishing		0.24	5.21	72%	Flooding		0.00	11.37	80%	24.0	2	0.08	7.77	85%	24.0	14	0.58	33.92	95%
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%	24.0	2	0.08	34.00	95%
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%	8.0	5	0.63	34.63	97%
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%	No Fishing		0.38	35.00	98%
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%	24.0	3	0.13	35.13	98%
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%	24.0	2	0.08	35.21	98%
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%	24.0	0	0.00	35.21	98%
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%	24.0	0	0.00	35.21	98%
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%	24.0	1	0.04	35.25	98%
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%	8.0	0	0.00	35.25	98%
8-Sep	24.0	5	0.21	7.28	100%			0.00	14.13	100%	24.0	0	0.00	8.94	98%	No Fishing		0.04	35.29	98%
9-Sep			0.00	7.28	100%			0.00	14.13	100%	8.0	0	0.00	8.94	98%	24.0	2	0.08	35.38	99%
10-Sep			0.00	7.28	100%			0.00	14.13	100%	No Fishing		0.06	9.00	99%	24.0	6	0.25	35.63	99%
11-Sep			0.00	7.28	100%			0.00	14.13	100%	24.0	3	0.13	9.13	100%	24.0	6	0.25	35.88	100%
12-Sep			0.00	7.28	100%			0.00	14.13	100%			0.00	9.13	100%			0.00	35.88	100%
13-Sep			0.00	7.28	100%			0.00	14.13	100%			0.00	9.13	100%			0.00	35.88	100%
14-Sep			0.00	7.28	100%			0.00	14.13	100%			0.00	9.13	100%			0.00	35.88	100%
15-Sep			0.00	7.28	100%			0.00	14.13	100%			0.00	9.13	100%			0.00	35.88	100%
16-Sep			0.00	7.28	100%			0.00	14.13	100%			0.00	9.13	100%			0.00	35.88	100%
17-Sep			0.00	7.28	100%			0.00	14.13	100%			0.00	9.13	100%			0.00	35.88	100%
18-Sep			0.00	7.28	100%			0.00	14.13	100%			0.00	9.13	100%			0.00	35.88	100%
19-Sep			0.00	7.28	100%			0.00	14.13	100%			0.00	9.13	100%			0.00	35.88	100%
20-Sep			0.00	7.28	100%			0.00	14.13	100%			0.00	9.13	100%			0.00	35.88	100%
21-Sep			0.00	7.28	100%			0.00	14.13	100%			0.00	9.13	100%			0.00	35.88	100%
22-Sep			0.00	7.28	100%			0.00	14.13	100%			0.00	9.13	100%			0.00	35.88	100%
23-Sep			0.00	7.28	100%			0.00	14.13	100%			0.00	9.13	100%			0.00	35.88	100%
24-Sep			0.00	7.28	100%			0.00	14.13	100%			0.00	9.13	100%			0.00	35.88	100%
Totals	617.2	138				669.0	276				720.0	188				960.0	609			
	Mean cumulative proportion date				8/25/93	Mean cumulative proportion date				8/22/94	Mean cumulative proportion date				8/14/95	Mean cumulative proportion date				8/4/96

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

- continued -

Appendix Table 2. (Page 5 of 5).

Coho Salmon

Average Cumulative CPUE 1982-1995	Average Cumulative Proportion 1982-1995
0.00	0%
0.00	0%
0.00	0%
0.03	0%
0.04	0%
0.07	1%
0.11	1%
0.13	1%
0.21	1%
0.30	2%
0.69	4%
0.99	6%
1.44	8%
1.78	11%
2.13	13%
2.42	15%
2.77	17%
3.07	20%
3.34	22%
3.79	26%
4.42	29%
5.03	32%
5.50	35%
6.02	39%
6.46	42%
6.75	44%
7.10	47%
7.40	49%
7.70	52%
7.93	54%
8.20	56%
8.55	58%
8.81	61%
9.12	63%
9.42	66%
9.70	68%
9.96	70%
10.22	72%
10.46	74%
10.74	76%
10.97	78%
11.18	80%
11.37	81%
11.57	83%
11.79	85%
12.02	87%
12.26	89%
12.49	91%
12.73	93%
12.90	95%
13.03	96%
13.14	96%
13.25	97%
13.33	98%
13.41	98%
13.47	98%
13.51	99%
13.57	99%
13.64	99%
13.68	99%
13.71	100%
13.74	100%
13.76	100%
13.77	100%
13.78	100%

Table 3. Test fishing catches of pink salmon in 5 7/8" mesh set gillnet, Unalakleet River, Norton Sound, 1981-1996.

1981 Pink Salmon[a]

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

Mean cumulative proportion date 7/22/81

1982 Pink Salmon[a]

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

Mean cumulative proportion date 7/7/82

1983 Pink Salmon[a]

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

Mean cumulative proportion date 7/12/83

1984 Pink Salmon[a]

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
14-Jun			0.00	0.00	0%
15-Jun			0.00	0.00	0%
16-Jun			0.00	0.00	0%
17-Jun			0.00	0.00	0%
18-Jun			0.00	0.00	0%
19-Jun			0.00	0.00	0%
20-Jun			0.00	0.00	0%
21-Jun			0.00	0.00	0%
22-Jun	24.1	11	0.46	0.46	1%
23-Jun	No Fishing		0.48	0.93	1%
24-Jun	No Fishing		0.48	1.41	2%
25-Jun	24.2	12	0.50	1.90	3%
26-Jun	No Fishing		0.84	2.74	4%
27-Jun	24.5	29	1.18	3.93	6%
28-Jun	No Fishing		1.19	5.11	8%
29-Jun	24.4	29	1.19	6.30	10%
30-Jun	No Fishing		1.46	7.76	12%
1-Jul	No Fishing		1.46	9.21	15%
2-Jul	23.8	41	1.72	10.94	18%
3-Jul	No Fishing		1.53	12.46	20%
4-Jul	24.0	32	1.33	13.80	22%
5-Jul	No Fishing		1.60	15.40	25%
6-Jul	24.1	45	1.87	17.27	28%
7-Jul	No Fishing		2.20	19.46	31%
8-Jul	No Fishing		2.20	21.66	35%
9-Jul	24.1	61	2.53	24.19	39%
10-Jul	No Fishing		2.96	27.15	44%
11-Jul	23.9	81	3.39	30.54	49%
12-Jul	No Fishing		3.71	34.25	55%
13-Jul	24.1	97	4.02	38.28	61%
14-Jul	No Fishing		3.01	41.29	66%
15-Jul	No Fishing		3.01	44.30	71%
16-Jul	24.0	48	2.00	46.30	74%
17-Jul	No Fishing		1.76	48.07	77%
18-Jul	24.2	37	1.53	49.59	80%
19-Jul	No Fishing		1.68	51.28	82%
20-Jul	24.0	44	1.83	53.11	85%
21-Jul	No Fishing		1.96	55.07	88%
22-Jul	No Fishing		1.96	57.03	92%
23-Jul	23.5	49	2.09	59.11	95%
24-Jul	No Fishing		1.29	60.41	97%
25-Jul	23.9	12	0.50	60.91	98%
26-Jul	24.0	15	0.63	61.53	99%
27-Jul	24.1	9	0.37	61.91	99%
28-Jul	11.4	0	0.00	61.91	99%
29-Jul	No Fishing		0.02	61.93	99%
30-Jul	24.6	1	0.04	61.97	100%
31-Jul	2.7	0	0.00	61.97	100%
1-Aug	23.3	2	0.09	62.05	100%
2-Aug	No Fishing		0.04	62.10	100%
3-Aug	4.6	0	0.00	62.10	100%
4-Aug	No Fishing		0.00	62.10	100%
5-Aug	24.0	0	0.00	62.10	100%
6-Aug	24.3	0	0.00	62.10	100%
7-Aug	No Fishing		0.00	62.10	100%
8-Aug	23.3	0	0.00	62.10	100%
9-Aug	No Fishing		0.00	62.10	100%
10-Aug	23.9	0	0.00	62.10	100%
11-Aug	No Fishing		0.04	62.14	100%
12-Aug	No Fishing		0.04	62.18	100%
13-Aug	24.0	2	0.08	62.26	100%
14-Aug			0.00	62.26	100%
15-Aug			0.00	62.26	100%
16-Aug			0.00	62.26	100%
17-Aug			0.00	62.26	100%
18-Aug			0.00	62.26	100%
19-Aug			0.00	62.26	100%
20-Aug			0.00	62.26	100%
21-Aug			0.00	62.26	100%
22-Aug			0.00	62.26	100%
23-Aug			0.00	62.26	100%
24-Aug			0.00	62.26	100%
25-Aug			0.00	62.26	100%
26-Aug			0.00	62.26	100%
27-Aug			0.00	62.26	100%
28-Aug			0.00	62.26	100%
29-Aug			0.00	62.26	100%
30-Aug			0.00	62.26	100%
31-Aug			0.00	62.26	100%
1-Sep			0.00	62.26	100%
2-Sep			0.00	62.26	100%
3-Sep			0.00	62.26	100%
Totals	595.0	657			

Mean cumulative proportion date 7/12/84

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

- continued -

Table 3. (Page 2 of 5).

	1985 Pink Salmon[b]					1986 Pink Salmon[a]					1987 Pink Salmon[a]					1988 Pink Salmon[a]				
Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion
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	95%
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	95%
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	96%
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	96%
25-Jul			0.00	0.68	100%	24.1	41	1.70	31.56	80%	10.5	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	100%
Totals	476.4	13				1258.0	832				392.2	89				1131.8	862			
	Mean cumulative proportion date				7/17/85	Mean cumulative proportion date				7/3/86	Mean cumulative proportion date				7/20/87	Mean cumulative proportion date				7/4/88

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

- continued -

Table 3. (Page 3 of 5).

1989 Pink Salmon[a]

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
14-Jun			0.00	0.00	0%
15-Jun			0.00	0.00	0%
16-Jun			0.00	0.00	0%
17-Jun			0.00	0.00	0%
18-Jun			0.00	0.00	0%
19-Jun			0.00	0.00	0%
20-Jun			0.00	0.00	0%
21-Jun			0.00	0.00	0%
22-Jun			0.00	0.00	0%
23-Jun			0.00	0.00	0%
24-Jun			0.00	0.00	0%
25-Jun			0.00	0.00	0%
26-Jun			0.00	0.00	0%
27-Jun			0.00	0.00	0%
28-Jun			0.00	0.00	0%
29-Jun	24.0	7	0.29	0.29	0%
30-Jun	No Fishing		0.36	0.65	1%
1-Jul	34.8	15	0.43	1.08	1%
2-Jul	No Fishing		0.24	1.32	2%
3-Jul	24.1	1	0.04	1.36	2%
4-Jul	24.0	2	0.08	1.45	2%
5-Jul	23.9	3	0.13	1.57	2%
6-Jul	24.1	5	0.21	1.78	2%
7-Jul	24.0	2	0.08	1.86	3%
8-Jul	10.0	0	0.00	1.86	3%
9-Jul	No Fishing		0.25	2.11	3%
10-Jul	24.1	12	0.50	2.61	4%
11-Jul	23.9	12	0.50	3.11	4%
12-Jul	24.0	16	0.67	3.78	5%
13-Jul	24.0	16	0.67	4.44	6%
14-Jul	24.0	34	1.42	5.86	8%
15-Jul	10.2	56	5.49	11.35	16%
16-Jul	No Fishing		5.60	16.95	23%
17-Jul	14.0	80	5.71	22.67	31%
18-Jul	24.2	117	4.83	27.50	38%
19-Jul	24.1	191	7.93	35.43	49%
20-Jul	24.1	189	7.84	43.27	59%
21-Jul	24.0	144	6.00	49.27	68%
22-Jul	10.0	54	5.40	54.67	75%
23-Jul	No Fishing		3.85	58.52	80%
24-Jul	28.8	66	2.29	60.81	84%
25-Jul	18.3	32	1.75	62.56	86%
26-Jul	23.8	55	2.31	64.87	89%
27-Jul	24.5	65	2.65	67.52	93%
28-Jul	23.7	27	1.14	68.66	94%
29-Jul	10.2	15	1.47	70.13	96%
30-Jul	No Fishing		0.84	70.97	98%
31-Jul	24.3	5	0.21	71.17	98%
1-Aug	23.8	8	0.34	71.51	98%
2-Aug	24.5	6	0.24	71.75	99%
3-Aug	23.8	5	0.21	71.96	99%
4-Aug	24.0	0	0.00	71.96	99%
5-Aug	10.2	1	0.10	72.06	99%
6-Aug	No Fishing		0.11	72.17	99%
7-Aug	24.3	3	0.12	72.30	99%
8-Aug	23.9	4	0.17	72.46	100%
9-Aug	24.2	2	0.08	72.55	100%
10-Aug	23.8	2	0.08	72.63	100%
11-Aug	No Fishing		0.04	72.67	100%
12-Aug	33.8	0	0.00	72.67	100%
13-Aug	No Fishing		0.02	72.69	100%
14-Aug	24.0	1	0.04	72.74	100%
15-Aug			0.00	72.74	100%
16-Aug			0.00	72.74	100%
17-Aug			0.00	72.74	100%
18-Aug			0.00	72.74	100%
19-Aug			0.00	72.74	100%
20-Aug			0.00	72.74	100%
21-Aug			0.00	72.74	100%
22-Aug			0.00	72.74	100%
23-Aug			0.00	72.74	100%
24-Aug			0.00	72.74	100%
25-Aug			0.00	72.74	100%
26-Aug			0.00	72.74	100%
27-Aug			0.00	72.74	100%
28-Aug			0.00	72.74	100%
29-Aug			0.00	72.74	100%
30-Aug			0.00	72.74	100%
31-Aug			0.00	72.74	100%
1-Sep			0.00	72.74	100%
2-Sep			0.00	72.74	100%
3-Sep			0.00	72.74	100%
Totals	853.4	1,253			

Mean cumulative proportion date 7/20/89

1990 Pink Salmon[a]

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

Mean cumulative proportion date 7/14/90

1991 Pink Salmon[b]

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
23.6	5	0.21	0.21	1%
24.0	1	0.04	0.25	1%
24.0	7	0.29	0.55	3%
24.0	2	0.08	0.63	3%
24.0	12	0.50	1.13	6%
8.7	3	0.34	1.47	8%
No Fishing		0.34	1.81	9%
24.0	8	0.33	2.15	11%
24.0	17	0.71	2.85	15%
24.0	26	1.08	3.94	20%
23.9	7	0.29	4.23	22%
24.1	4	0.17	4.40	22%
8.5	5	0.59	4.98	25%
No Fishing		0.36	5.34	27%
23.9	3	0.13	5.47	28%
24.0	5	0.21	5.68	29%
24.2	16	0.66	6.34	32%
24.0	22	0.92	7.25	37%
24.0	4	0.17	7.42	38%
8.9	0	0.00	7.42	38%
No Fishing		0.35	7.77	40%
24.0	17	0.71	8.48	43%
24.0	22	0.92	9.40	48%
24.0	14	0.58	9.98	51%
23.8	4	0.17	10.15	52%
24.1	4	0.17	10.32	53%
9.0	4	0.44	10.76	55%
No Fishing		0.56	11.32	58%
23.9	16	0.67	11.99	61%
24.0	14	0.58	12.57	64%
24.0	15	0.63	13.20	67%
24.0	15	0.63	13.82	70%
24.0	20	0.83	14.65	75%
8.1	14	1.73	16.38	84%
No Fishing		1.08	17.46	89%
23.7	10	0.42	17.88	91%
24.0	9	0.38	18.25	93%
24.0	6	0.25	18.50	94%
24.2	2	0.08	18.59	95%
23.8	3	0.13	18.71	95%
9.1	3	0.33	19.04	97%
No Fishing		0.19	19.23	98%
23.9	1	0.04	19.27	98%
24.0	1	0.04	19.31	99%
24.0	1	0.04	19.35	99%
24.0	1	0.04	19.40	99%
24.0	0	0.00	19.40	99%
9.0	1	0.11	19.51	100%
No Fishing		0.06	19.56	100%
23.8	0	0.00	19.56	100%
24.0	0	0.00	19.56	100%
24.0	0	0.00	19.56	100%
24.0	1	0.04	19.60	100%
24.0	0	0.00	19.60	100%
8.5	0	0.00	19.60	100%
		0.00	19.60	100%
		0.00	19.60	100%
		0.00	19.60	100%
		0.00	19.60	100%
		0.00	19.60	100%
		0.00	19.60	100%
		0.00	19.60	100%
		0.00	19.60	100%
		0.00	19.60	100%
		0.00	19.60	100%
		0.00	19.60	100%
		0.00	19.60	100%
		0.00	19.60	100%
1028.7	345			

Mean cumulative proportion date 7/24/91

1992 Pink Salmon[b]

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
17.7	3	0.17	0.17	0%
23.8	5	0.21	0.38	0%
24.0	20	0.83	1.21	1%
24.0	12	0.50	1.71	2%
24.0	21	0.88	2.59	3%
24.2	24	0.99	3.58	4%
23.8	14	0.59	4.17	4%
24.0	27	1.13	5.29	5%
24.0	43	1.79	7.08	7%
24.0	29	1.21	8.29	9%
24.7	85	3.44	11.73	12%
23.3	60	2.58	14.31	15%
24.0	67	2.79	17.10	18%
24.1	39	1.62	18.72	19%
23.8	52	2.18	20.90	22%
24.0	55	2.29	23.20	24%
24.0	92	3.83	27.03	28%
25.0	113	4.52	31.55	33%
24.0	54	2.25	33.80	35%
23.0	115	5.00	38.80	40%
24.0	164	6.83	45.63	47%
24.0	98	4.08	49.72	52%
24.0	112	4.67	54.38	56%
24.0	111	4.63	59.01	61%
24.0	73	3.04	62.05	64%
6.8	20	2.94	64.99	67%
No Fishing		3.80	68.79	71%
27.3	127	4.65	73.44	76%
22.7	78	3.44	76.87	80%
24.0	62	2.58	79.46	82%
24.0	48	2.00	81.46	84%
24.4	44	1.80	83.26	86%
6.0	16	2.67	85.93	89%
No Fishing		1.96	87.89	91%
23.8	30	1.26	89.15	92%
23.9	22	0.92	90.07	93%
24.0	18	0.75	90.82	94%
24.0	8	0.33	91.16	94%
24.0	12	0.50	91.66	95%
6.2	3	0.48	92.14	95%
No Fishing		0.28	92.42	96%
23.8	2	0.08	92.51	96%
23.9	1	0.04	92.55	96%
24.0	1	0.04	92.59	96%
24.0	4	0.17	92.76	96%
24.0	1	0.04	92.80	96%
6.8	1	0.15	92.95	96%
No Fishing		0.20	93.15	97%
23.6	6	0.25	93.40	97%
24.0	9	0.38	93.78	97%
7.8	6	0.77	94.55	98%
15.6	3	0.19	94.74	98%
23.9	4	0.17	94.91	98%
6.8	1	0.15	95.05	98%
No Fishing		0.22	95.27	99%
23.8	7	0.29	95.57	99%
24.3	3	0.12	95.69	99%
23.8	2	0.08	95.77	99%
24.0	2	0.08	95.86	99%
24.0	1	0.04	95.90	99%
7.5	0	0.00	95.90	99%
No Fishing		0.04	95.94	99%
24.1	2	0.08	96.02	100%
24.0	1	0.04	96.07	100%
24.0	1	0.04	96.11	100%
24.0	1	0.04	96.15	100%
24.0	1	0.04	96.19	100%
7.2	1	0.14	96.33	100%
No Fishing		0.09	96.42	100%
23.5	1	0.04	96.46	100%
23.7	0	0.00	96.46	100%
24.0	0	0.00	96.46	100%
24.0	1	0.04	96.50	100%
1432.6	2,039			

Mean cumulative proportion date 7/14/92

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

- continued -

Table 3. (Page 4 of 5).

1993 Pink Salmon[b]

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

Mean cumulative proportion date 7/14/93

1994 Pink Salmon[a]

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

Mean cumulative proportion date 7/14/94

1995 Pink Salmon[a]

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
14-Jun			0.00	0.00	0%
15-Jun			0.00	0.00	0%
16-Jun			0.00	0.00	0%
17-Jun			0.00	0.00	0%
18-Jun			0.00	0.00	0%
19-Jun			0.00	0.00	0%
20-Jun			0.00	0.00	0%
21-Jun			0.00	0.00	0%
22-Jun			0.00	0.00	0%
23-Jun			0.00	0.00	0%
24-Jun			0.00	0.00	0%
25-Jun			0.00	0.00	0%
26-Jun			0.00	0.00	0%
27-Jun			0.00	0.00	0%
28-Jun			0.00	0.00	0%
29-Jun			0.00	0.00	0%
30-Jun			0.00	0.00	0%
1-Jul			0.00	0.00	0%
2-Jul			0.00	0.00	0%
3-Jul			0.00	0.00	0%
4-Jul			0.00	0.00	0%
5-Jul			0.00	0.00	0%
6-Jul			0.00	0.00	0%
7-Jul			0.00	0.00	0%
8-Jul			0.00	0.00	0%
9-Jul			0.00	0.00	0%
10-Jul			0.00	0.00	0%
11-Jul	24.0	2	0.08	0.08	1%
12-Jul	24.0	9	0.38	0.46	3%
13-Jul	24.0	5	0.21	0.67	5%
14-Jul	24.0	10	0.42	1.08	8%
15-Jul	8.5	9	1.06	2.14	16%
16-Jul	No Fishing		0.89	3.03	22%
17-Jul	23.5	17	0.72	3.76	28%
18-Jul	24.0	13	0.54	4.30	32%
19-Jul	24.0	6	0.25	4.55	34%
20-Jul	24.0	8	0.33	4.88	36%
21-Jul	24.0	27	1.13	6.01	44%
22-Jul	8.0	7	0.88	6.88	51%
23-Jul	No Fishing		0.46	7.34	54%
24-Jul	24.0	1	0.04	7.38	54%
25-Jul	24.0	8	0.33	7.72	57%
26-Jul	24.0	2	0.08	7.80	57%
27-Jul	24.0	1	0.04	7.84	58%
28-Jul	24.0	4	0.17	8.01	59%
29-Jul	8.0	8	1.00	9.01	66%
30-Jul	No Fishing		0.63	9.63	71%
31-Jul	24.0	6	0.25	9.88	73%
1-Aug	24.0	11	0.46	10.34	76%
2-Aug	24.0	12	0.50	10.84	80%
3-Aug	24.0	15	0.63	11.47	84%
4-Aug	24.0	15	0.63	12.09	89%
5-Aug	8.0	2	0.25	12.34	91%
6-Aug	No Fishing		0.25	12.59	93%
7-Aug	24.0	6	0.25	12.84	95%
8-Aug	24.0	7	0.29	13.13	97%
9-Aug	24.0	6	0.25	13.38	99%
10-Aug	24.0	0	0.00	13.38	99%
11-Aug	24.0	0	0.00	13.38	99%
12-Aug	8.0	0	0.00	13.38	99%
13-Aug	No Fishing		0.02	13.40	99%
14-Aug	24.0	1	0.04	13.44	99%
15-Aug	24.0	0	0.00	13.44	99%
16-Aug	24.0	0	0.00	13.44	99%
17-Aug	24.0	1	0.04	13.49	99%
18-Aug	24.0	2	0.08	13.57	100%
19-Aug			0.00	13.57	100%
20-Aug			0.00	13.57	100%
21-Aug			0.00	13.57	100%
22-Aug			0.00	13.57	100%
23-Aug			0.00	13.57	100%
24-Aug			0.00	13.57	100%
25-Aug			0.00	13.57	100%
26-Aug			0.00	13.57	100%
27-Aug			0.00	13.57	100%
28-Aug			0.00	13.57	100%
29-Aug			0.00	13.57	100%
30-Aug			0.00	13.57	100%
31-Aug			0.00	13.57	100%
1-Sep			0.00	13.57	100%
2-Sep			0.00	13.57	100%
3-Sep			0.00	13.57	100%
Totals	736.0	221			

Mean cumulative proportion date 7/22/95

1996 Pink Salmon[a,c]

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	24.0	3	0.13	0.13	0%
18-Jun	24.0	3	0.13	0.25	0%
19-Jun	24.0	1	0.04	0.29	0%
20-Jun	24.0	2	0.08	0.38	0%
21-Jun	24.0	0	0.00	0.38	0%
22-Jun	24.0	1	0.04	0.42	0%
23-Jun	24.0	12	0.50	0.92	1%
24-Jun	24.0	18	0.75	1.67	1%
25-Jun	24.0	24	1.00	2.67	2%
26-Jun	24.0	26	1.08	3.75	3%
27-Jun	24.0	66	2.75	6.50	6%
28-Jun	24.0	49	2.04	8.54	7%
29-Jun	8.0	10	1.25	9.79	8%
30-Jun	No Fishing		0.83	10.63	9%
1-Jul	24.0	10	0.42	11.04	10%
2-Jul	24.0	19	0.79	11.83	10%
3-Jul	24.0	34	1.42	13.25	11%
4-Jul	24.0	42	1.75	15.00	13%
5-Jul	24.0	53	2.21	17.21	15%
6-Jul	8.0	38	4.75	21.96	19%
7-Jul	No Fishing		4.04	26.00	23%
8-Jul	24.0	80	3.33	29.33	25%
9-Jul	24.0	98	4.08	33.42	29%
10-Jul	24.0	153	6.38	39.79	34%
11-Jul	24.0	95	3.96	43.75	38%
12-Jul	24.0	96	4.00	47.75	41%
13-Jul	8.0	37	4.63	52.38	45%
14-Jul	No Fishing		4.50	56.88	49%
15-Jul	24.0	105	4.38	61.25	53%
16-Jul	24.0	103	4.29	65.54	57%
17-Jul	24.0	66	2.75	68.29	59%
18-Jul	24.0	90	3.75	72.04	62%
19-Jul	24.0	98	4.08	76.13	66%
20-Jul	8.0	20	2.50	78.63	68%
21-Jul	No Fishing		2.42	81.04	70%
22-Jul	24.0	56	2.33	83.38	72%
23-Jul	24.0	47	1.96	85.33	74%
24-Jul	24.0	22	0.92	86.25	75%
25-Jul	24.0	39	1.63	87.88	76%
26-Jul	24.0	17	0.71	88.58	77%
27-Jul	8.0	15	1.88	90.46	78%
28-Jul	No Fishing		1.96	92.42	80%
29-Jul	24.0	49	2.04	94.46	82%
30-Jul	24.0	43	1.79	96.25	83%
31-Jul	24.0	152	6.33	102.58	89%
1-Aug	24.0	21	0.88	103.46	90%
2-Aug	24.0	12	0.50	103.96	90%
3-Aug	No Fishing		0.96	104.92	91%
4-Aug	No Fishing		0.96	105.88	92%
5-Aug	24.0	34	1.42	107.29	93%
6-Aug	24.0	72	3.00	110.29	95%
7-Aug	24.0	41	1.71	112.00	97%
8-Aug	24.0	3	0.13	112.13	97%
9-Aug	24.0	12	0.50	112.63	97%
10-Aug	8.0	7	0.88	113.50	98%
11-Aug	No Fishing		0.67	114.17	99%
12-Aug	24.0	11	0.46	114.63	99%
13-Aug	24.0	2	0.08	114.71	99%
14-Aug	24.0	0	0.00	114.71	99%
15-Aug	24.0	2	0.08	114.79	99%
16-Aug	24.0	2	0.08	114.88	99%
17-Aug	8.0	1	0.13	115.00	100%
18-Aug	No Fishing		0.06	115.06	100%
19-Aug	24.0	0	0.00	115.06	100%
20-Aug	24.0	0	0.00	115.06	100%
21-Aug	24.0	2	0.08	115.15	100%
22-Aug	24.0	1	0.04	115.19	100%
23-Aug	24.0	2	0.08	115.27	100%
24-Aug	8.0	0	0.00	115.27	100%
25-Aug	No Fishing		0.02	115.29	100%
26-Aug	24.0	1	0.04	115.33	100%
27-Aug	24.0	0	0.00	115.33	100%
28-Aug	24.0	2	0.08	115.42	100%
29-Aug	24.0	0	0.00	115.42	100%
30-Aug	24.0	0	0.00	115.42	100%
31-Aug	8.0	0	0.00	115.42	100%
1-Sep	No Fishing		0.02	115.44	100%
2-Sep	24.0	1	0.04	115.48	100%
3-Sep	24.0	1	0.04	115.52	100%
Totals	1488.0	2,122			

Mean cumulative proportion date 7/14/96

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

- continued -

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

Table 3. (Page 5 of 5).

Pink Salmon

Even Year Average Cumulative CPUE 1982-1994	Odd Year Average Cumulative CPUE 1983-1995	Odd Year Average Cumulative Proportion 1983-1995	Even Year Average Cumulative Proportion 1982-1994
0.00	0.00	0%	0%
0.00	0.00	0%	0%
0.00	0.00	0%	0%
0.09	0.00	0%	0%
0.21	0.00	0%	0%
0.33	0.00	0%	0%
0.71	0.00	0%	1%
1.04	0.00	0%	2%
1.59	0.00	0%	3%
2.17	0.00	0%	4%
2.96	0.00	0%	5%
4.42	0.01	0%	8%
6.04	0.01	0%	11%
7.60	0.01	0%	13%
8.89	0.01	0%	15%
10.11	0.15	1%	17%
11.80	0.37	3%	20%
14.25	0.70	4%	25%
16.94	0.90	5%	29%
19.41	1.02	5%	32%
21.35	1.18	6%	35%
23.35	1.47	7%	37%
25.22	1.61	10%	40%
28.19	1.80	13%	43%
30.38	2.06	15%	45%
32.24	2.42	17%	48%
34.57	2.84	20%	51%
36.84	3.26	22%	54%
39.37	3.84	25%	57%
42.42	4.35	28%	61%
44.86	4.96	31%	64%
47.41	6.17	35%	67%
49.89	7.44	40%	70%
52.14	8.71	47%	73%
54.59	9.79	52%	76%
56.86	11.15	56%	79%
59.27	12.44	61%	83%
61.59	13.76	68%	86%
63.05	15.10	75%	88%
64.06	15.99	78%	89%
65.14	16.48	80%	91%
66.12	16.84	81%	92%
66.99	17.25	82%	94%
67.51	17.73	83%	95%
67.82	18.03	84%	95%
68.10	18.50	86%	96%
68.26	18.81	88%	96%
68.47	18.99	89%	96%
68.70	19.22	90%	97%
68.84	19.47	92%	97%
68.95	19.88	94%	97%
69.06	20.15	96%	98%
69.17	20.27	96%	98%
69.26	20.39	97%	98%
69.35	20.48	97%	99%
69.40	20.57	98%	99%
69.47	20.65	98%	99%
69.56	20.71	99%	99%
69.68	20.75	99%	99%
69.82	20.76	99%	99%
69.87	20.80	99%	99%
69.90	20.83	99%	99%
69.96	20.85	99%	100%
70.02	20.87	100%	100%
70.08	20.89	100%	100%
70.10	20.91	100%	100%
70.12	20.92	100%	100%
70.14	20.92	100%	100%
70.15	20.92	100%	100%
70.15	20.93	100%	100%
70.15	20.93	100%	100%
70.17	20.93	100%	100%
70.17	20.93	100%	100%
70.18	20.93	100%	100%
70.19	20.93	100%	100%
70.19	20.93	100%	100%
70.22	20.93	100%	100%
70.23	20.93	100%	100%
70.24	20.93	100%	100%
70.24	20.93	100%	100%
70.24	20.93	100%	100%
70.25	20.93	100%	100%

Appendix Table 4. Test fishing catches of chum salmon in 5 7/8" mesh set gillnet, Unalakleet River, Norton Sound, 1981-1996.

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

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

- continued -

Appendix Table 4. (Page 2 of 8)

1981 Chum Salmon[a]

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion
3-Aug	24.0	12	0.50	30.13	65%
4-Aug	24.0	21	0.88	31.00	67%
5-Aug	24.0	33	1.38	32.38	70%
6-Aug	24.0	24	1.00	33.38	73%
7-Aug	24.0	33	1.38	34.75	76%
8-Aug	24.0	33	1.38	36.13	79%
9-Aug	24.0	27	1.13	37.25	81%
10-Aug	24.0	18	0.75	38.00	83%
11-Aug	24.0	27	1.13	39.13	85%
12-Aug	24.0	21	0.88	40.00	87%
13-Aug	24.0	3	0.13	40.13	87%
14-Aug	24.0	25	1.04	41.17	89%
15-Aug	24.0	30	1.25	42.42	92%
16-Aug	24.0	14	0.58	43.00	93%
17-Aug	24.0	9	0.38	43.38	94%
18-Aug	24.0	14	0.58	43.96	96%
19-Aug	24.0	8	0.33	44.29	96%
20-Aug	24.0	6	0.25	44.54	97%
21-Aug	24.0	7	0.29	44.83	97%
22-Aug	24.0	1	0.04	44.88	98%
23-Aug	24.0	1	0.04	44.92	98%
24-Aug	24.0	2	0.08	45.00	98%
25-Aug	24.0	2	0.08	45.08	98%
26-Aug	24.0	2	0.08	45.17	98%
27-Aug	24.0	7	0.29	45.46	99%
28-Aug	24.0	2	0.08	45.54	99%
29-Aug	24.0	1	0.04	45.58	99%
30-Aug	24.0	0	0.00	45.58	99%
31-Aug	24.0	2	0.08	45.67	99%
1-Sep	24.0	2	0.08	45.75	99%
2-Sep	24.0	0	0.00	45.75	99%
3-Sep	24.0	0	0.00	45.75	99%
4-Sep	24.0	0	0.00	45.75	99%
5-Sep	24.0	1	0.04	45.79	100%
6-Sep	24.0	1	0.04	45.83	100%
7-Sep	24.0	2	0.08	45.92	100%
8-Sep	24.0	2	0.08	46.00	100%
9-Sep			0.00	46.00	100%
10-Sep			0.00	46.00	100%
11-Sep			0.00	46.00	100%
12-Sep			0.00	46.00	100%
13-Sep			0.00	46.00	100%
14-Sep			0.00	46.00	100%
15-Sep			0.00	46.00	100%
16-Sep			0.00	46.00	100%
17-Sep			0.00	46.00	100%
18-Sep			0.00	46.00	100%
19-Sep			0.00	46.00	100%
20-Sep			0.00	46.00	100%
21-Sep			0.00	46.00	100%
Totals	1,296.0	1,104			

Mean cumulative proportion date 7/29/81

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

1982 Chum Salmon[a]

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

Mean cumulative proportion date 7/13/82

1983 Chum Salmon[a]

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

Mean cumulative proportion date 7/20/83

1984 Chum Salmon[a]

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

Mean cumulative proportion date 7/13/84

1985 Chum Salmon[a]

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

Mean cumulative proportion date 7/9/85

- continued -

Date	1986 Chum Salmon[a] Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion	1987 Chum Salmon[a] Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion	1988 Chum Salmon[a] Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion	1989 Chum Salmon[a] Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion	1990 Chum Salmon[a] Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
5-Jun																									
6-Jun																									
7-Jun																									
8-Jun			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
9-Jun			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
10-Jun			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
11-Jun			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
12-Jun			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
13-Jun			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
14-Jun			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
15-Jun			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%	24.0	10	0.42	0.42	1%			0.00	0.00	0%
16-Jun			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%	23.9	3	0.13	0.54	1%			0.00	0.00	0%
17-Jun			0.00	0.00	0%	24.3	9	0.37	0.37	1%	24.2	4	0.17	0.17	1%	24.0	6	0.25	0.79	2%			0.00	0.00	0%
18-Jun	24.2	11	0.45	0.45	1%	23.7	2	0.08	0.45	2%	10.5	1	0.10	0.26	1%	24.0	21	0.88	1.67	4%	23.7	12	0.51	0.51	3%
19-Jun	24.1	4	0.17	0.62	1%	23.6	2	0.08	0.54	2%	No Fishing		0.23	0.49	2%	24.8	17	0.69	2.35	6%	23.8	6	0.25	0.76	4%
20-Jun	24.0	3	0.13	0.75	2%	11.8	0	0.00	0.54	2%	24.3	9	0.37	0.86	3%	22.3	9	0.40	2.76	7%	24.2	3	0.12	0.88	5%
21-Jun	23.9	9	0.38	1.12	2%	No Fishing		0.06	0.60	2%	23.9	11	0.46	1.32	4%	22.8	25	1.10	3.85	9%	23.8	2	0.08	0.97	5%
22-Jun	24.3	9	0.37	1.49	3%	23.6	3	0.13	0.73	2%	24.0	11	0.46	1.78	6%	24.0	19	0.79	4.64	11%	24.2	3	0.12	1.09	6%
23-Jun	23.9	14	0.59	2.08	4%	23.9	2	0.08	0.81	3%	24.2	10	0.41	2.20	7%	24.0	10	0.42	5.06	12%	10.0	3	0.30	1.39	7%
24-Jun	23.7	2	0.08	2.16	4%	24.0	7	0.29	1.11	4%	23.7	7	0.30	2.49	8%	11.0	7	0.64	5.70	14%	No Fishing		0.35	1.74	9%
25-Jun	24.0	5	0.21	2.37	5%	24.1	11	0.46	1.56	5%	9.0	6	0.67	3.16	10%	No Fishing		0.82	6.52	16%	30.0	12	0.40	2.14	11%
26-Jun	25.0	5	0.20	2.57	5%	24.2	10	0.41	1.98	7%	No Fishing		0.54	3.70	12%	24.8	25	1.01	7.53	18%	21.8	5	0.23	2.37	12%
27-Jun	24.0	10	0.42	2.99	6%	No Fishing		0.38	2.36	8%	24.1	10	0.41	4.11	14%	24.0	29	1.21	8.74	21%	23.8	7	0.29	2.66	14%
28-Jun	12.1	13	1.07	4.06	8%	48.0	17	0.35	2.71	9%	No Fishing		0.26	4.38	15%	24.0	21	0.88	9.61	24%	23.5	6	0.26	2.92	15%
29-Jun	No Fishing		0.72	4.79	10%	24.9	12	0.48	3.19	11%	53.0	6	0.11	4.49	15%	24.0	17	0.71	10.32	25%	24.2	4	0.17	3.08	16%
30-Jun	24.0	9	0.38	5.16	10%	24.1	9	0.37	3.57	12%	19.1	0	0.00	4.49	15%	No Fishing		0.53	10.85	27%	9.3	3	0.32	3.41	18%
1-Jul	24.1	9	0.37	5.54	11%	23.7	6	0.25	3.82	13%	24.2	2	0.08	4.57	15%	34.8	12	0.34	11.19	27%	No Fishing		0.20	3.61	19%
2-Jul	23.9	6	0.25	5.79	12%	24.0	7	0.29	4.11	14%	10.3	0	0.00	4.57	15%	No Fishing		0.69	11.88	29%	22.9	2	0.09	3.70	19%
3-Jul	23.9	8	0.33	6.12	12%	24.0	2	0.08	4.20	14%	No Fishing		0.19	4.76	16%	24.1	25	1.04	12.92	32%	24.3	4	0.16	3.86	20%
4-Jul	24.1	10	0.41	6.54	13%	No Fishing		0.31	4.51	15%	24.2	9	0.37	5.13	17%	24.0	17	0.71	13.63	33%	24.0	3	0.13	3.99	21%
5-Jul	23.9	8	0.33	6.87	14%	27.6	15	0.54	5.05	17%	24.0	9	0.38	5.51	18%	23.9	14	0.59	14.21	35%	23.8	4	0.17	4.16	22%
6-Jul	12.2	11	0.90	7.77	16%	24.5	9	0.37	5.42	18%	24.0	7	0.29	5.80	19%	24.1	18	0.75	14.96	37%	23.8	13	0.55	4.70	25%
7-Jul	No Fishing		0.68	8.45	17%	24.0	0	0.00	5.42	18%	24.1	7	0.29	6.09	20%	24.0	12	0.50	15.46	38%	9.9	15	1.52	6.22	33%
8-Jul	24.4	11	0.45	8.90	18%	24.1	6	0.25	5.67	19%	23.9	10	0.42	6.51	22%	10.0	12	1.20	16.66	41%	No Fishing		1.15	7.37	39%
9-Jul	24.5	11	0.45	9.35	19%	24.0	18	0.75	6.42	22%	11.6	4	0.34	6.85	23%	No Fishing		1.14	17.80	44%	24.1	19	0.79	8.16	43%
10-Jul	23.8	14	0.59	9.94	20%	24.3	27	1.11	7.53	25%	No Fishing		0.27	7.13	24%	24.1	26	1.08	18.88	46%	23.6	3	0.13	8.29	43%
11-Jul	23.9	10	0.42	10.35	21%	24.2	15	0.62	8.15	28%	24.4	5	0.20	7.33	24%	23.9	16	0.67	19.55	48%	24.3	3	0.12	8.41	44%
12-Jul	24.2	12	0.50	10.85	22%	No Fishing		0.80	8.95	30%	23.9	8	0.33	7.67	25%	24.0	16	0.67	20.21	50%	23.9	12	0.50	8.91	47%
13-Jul	12.4	10	0.81	11.66	24%	23.3	23	0.99	9.94	34%	23.9	16	0.67	8.34	28%	24.0	18	0.75	20.96	51%	23.8	18	0.76	9.67	51%
14-Jul	17.0	24	1.41	13.07	26%	23.9	10	0.42	10.36	35%	23.9	20	0.84	9.17	30%	24.0	26	1.08	22.05	54%	9.8	4	0.41	10.08	53%
15-Jul	24.6	23	0.93	14.00	28%	No Fishing		0.42	10.78	36%	24.1	13	0.54	9.71	32%	10.2	9	0.88	22.93	56%	No Fishing		0.42	10.49	55%
16-Jul	23.0	20	0.87	14.87	30%	48.4	20	0.41	11.19	38%	10.8	8	0.74	10.45	35%	No Fishing		0.83	23.76	58%	23.3	10	0.43	10.92	57%
17-Jul	24.1	17	0.71	15.58	31%	23.8	5	0.21	11.40	39%	No Fishing		0.72	11.18	37%	14.0	11	0.79	24.55	60%	24.0	7	0.29	11.22	59%
18-Jul	24.0	23	0.96	16.54	33%	10.9	1	0.09	11.49	39%	24.1	17	0.71	11.88	39%	24.2	23	0.95	25.50	63%	24.0	19	0.79	12.01	63%
19-Jul	26.4	40	1.52	18.05	36%	No Fishing		0.25	11.74	40%	24.0	8	0.33	12.21	40%	24.1	12	0.50	26.00	64%	23.9	18	0.75	12.76	67%
20-Jul	No Fishing		1.67	19.72	40%	24.2	10	0.41	12.16	41%	24.0	7	0.29	12.51	41%	24.1	9	0.37	26.37	65%	24.4	20	0.82	13.58	71%
21-Jul	No Fishing		1.67	21.39	43%	23.8	18	0.76	12.91	44%	24.2	7	0.29	12.80	42%	24.0	11	0.46	26.83	66%	9.7	5	0.52	14.10	74%
22-Jul	No Fishing		1.67	23.05	47%	24.0	24	1.00	13.91	47%	24.0	9	0.38	13.17	44%	10.0	12	1.20	28.03	69%	No Fishing		0.38	14.48	76%
23-Jul	24.2	44	1.82	24.87	50%	24.3	21	0.86	14.78	50%	25.4	6	0.24	13.41	44%	No Fishing		1.21	29.24	72%	23.7	6	0.25	14.73	77%
24-Jul	26.8	49	1.83	26.70	54%	23.8	23	0.97	15.74	53%	No Fishing		0.89	14.30	47%	28.8	35	1.22	30.45	75%	23.8	2	0.08	14.82	78%
25-Jul	12.9	26	2.02	28.71	58%	10.5	13	1.24	16.98	57%	No Fishing		0.89	15.18	50%	18.3	23	1.26	31.71	78%	24.3	7	0.29	15.10	79%
26-Jul	24.1	44	1.83	30.54	62%	No Fishing		0.79	17.77	60%	No Fishing		0.89	16.07	53%	13.8	24	1.74	33.45	82%	23.4	4	0.17	15.28	80%
27-Jul	12.0	30	2.50	33.04	67%	23.4	8	0.34	18.11	61%	22.7	35	1.54	17.62	58%	24.5	16	0.65	34.10	84%	24.4	3	0.12	15.40	81%
28-Jul	No Fishing		1.95	34.99	71%	24.3	4	0.16	18.28	62%	24.3	14	0.58	18.19	60%	23.7	0	0.00	34.10	84%	7.9	0	0.00	15.40	81%
29-Jul	24.2	34	1.40	36.40	74%	23.9	3	0.13	18.40	62%	23.6	28	1.19	19.38	64%	10.2	5	0.49	34.59	85%	No Fishing		0.14	15.54	81%
30-Jul	24.2	32	1.32	37.72	76%	23.7	10	0.42	18.83	64%	10.3	16	1.55	20.93	69%	No Fishing		0.62	35.21	86%	24.3	7	0.29	15.83	83%
31-Jul	23.9	36	1.51	39.23	79%	23.9	5	0.21	19.03	64%	No Fishing		1.05	21.98	73%	24.3	18	0.74	35.95	88%	24.0	4	0.17	16.00	84%
1-Aug	24.5	41	1.67	40.90	83%	No Fishing		0.29	19.33	65%	24.0	13	0.54	22.52	75%	23.8	12	0.50	36.45	89%	23.7	4	0.17	16.17	85%
2-Aug	No Fishing		1.11	42.00	85%	47.6	18	0.38	19.71	67%	24.8	9	0.36	22.88	76%	24.5	12	0.49	36.94	91%	23.9	3	0.13	16.29	85%

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

- continued -

Appendix Table 4. (Page 4 of 8).

1986 Chum Salmon[a]

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

Mean cumulative proportion date 7/23/86

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

Mean cumulative proportion date 7/25/88

1989 Chum Salmon[a]

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

Mean cumulative proportion date 7/12/89

1990 Chum Salmon[a]

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

Mean cumulative proportion date 7/13/90

- continued -

Appendix Table 4. (Page 5 of 8).

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

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

- continued -

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

1992 Chum Salmon[a]

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

Mean cumulative proportion date 7/14/92

1993 Chum Salmon[a]

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

Mean cumulative proportion date 7/30/93

1994 Chum Salmon[a]

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

Mean cumulative proportion date 7/7/94

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%
1,843.0	1,101			

Mean cumulative proportion date 7/14/95

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

- continued -

1996 Chum Salmon[a]						Chum Salmon		
Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion		Average Cumulative CPUE 1982-1995	Average Cumulative Proportion 1982-1995
5-Jun	20.0	14	0.70	0.70	1%		0.00	0%
6-Jun	24.0	23	0.96	1.66	2%		0.00	0%
7-Jun	24.0	19	0.79	2.45	3%		0.00	0%
8-Jun	24.0	28	1.17	3.62	4%		0.02	0%
9-Jun	24.0	23	0.96	4.58	5%	0.00	0.02	0%
10-Jun	24.0	19	0.79	5.37	6%	0.01	0.03	0%
11-Jun	24.0	28	1.17	6.53	7%	0.01	0.04	0%
12-Jun	24.0	23	0.96	7.49	9%	0.03	0.07	0%
13-Jun	24.0	9	0.38	7.87	9%	0.02	0.09	0%
14-Jun	24.0	8	0.33	8.20	9%	0.04	0.13	0%
15-Jun	24.0	9	0.38	8.58	10%	0.11	0.24	1%
16-Jun	24.0	31	1.29	9.87	11%	0.17	0.41	1%
17-Jun	24.0	27	1.13	10.99	13%	0.27	0.68	1%
18-Jun	24.0	20	0.83	11.83	14%	0.35	1.04	2%
19-Jun	24.0	18	0.75	12.58	14%	0.36	1.40	3%
20-Jun	24.0	30	1.25	13.83	16%	0.30	1.69	4%
21-Jun	24.0	12	0.50	14.33	16%	0.36	2.05	5%
22-Jun	24.0	11	0.46	14.78	17%	0.42	2.48	6%
23-Jun	24.0	17	0.71	15.49	18%	0.39	2.87	6%
24-Jun	24.0	20	0.83	16.33	19%	0.35	3.22	7%
25-Jun	24.0	21	0.88	17.20	20%	0.56	3.78	9%
26-Jun	24.0	44	1.83	19.03	22%	0.81	4.59	10%
27-Jun	24.0	55	2.29	21.33	24%	0.90	5.49	12%
28-Jun	24.0	49	2.04	23.37	27%	0.85	6.34	14%
29-Jun	8.0	34	4.25	27.62	32%	0.71	7.05	16%
30-Jun	No Fishing		2.65	30.26	35%	0.70	7.75	17%
1-Jul	24.0	25	1.04	31.30	36%	0.68	8.43	19%
2-Jul	24.0	63	2.63	33.93	39%	0.92	9.35	20%
3-Jul	24.0	43	1.79	35.72	41%	0.78	10.13	22%
4-Jul	24.0	38	1.58	37.30	43%	0.83	10.96	24%
5-Jul	24.0	26	1.08	38.39	44%	0.87	11.83	26%
6-Jul	8.0	19	2.38	40.76	47%	0.92	12.75	28%
7-Jul	No Fishing		1.29	42.05	48%	0.97	13.72	30%
8-Jul	24.0	5	0.21	42.26	48%	1.04	14.76	32%
9-Jul	24.0	6	0.25	42.51	49%	1.18	15.94	35%
10-Jul	24.0	10	0.42	42.93	49%	0.94	16.87	37%
11-Jul	24.0	11	0.46	43.39	50%	0.83	17.70	39%
12-Jul	24.0	22	0.92	44.30	51%	0.83	18.53	41%
13-Jul	8.0	11	1.38	45.68	52%	1.06	19.59	43%
14-Jul	No Fishing		1.10	46.78	54%	0.87	20.46	45%
15-Jul	24.0	20	0.83	47.62	54%	0.78	21.24	47%
16-Jul	24.0	30	1.25	48.87	56%	0.72	21.96	48%
17-Jul	24.0	29	1.21	50.08	57%	0.70	22.66	50%
18-Jul	24.0	28	1.17	51.24	59%	0.76	23.42	51%
19-Jul	24.0	17	0.71	51.95	59%	0.75	24.17	53%
20-Jul	8.0	8	1.00	52.95	61%	0.98	25.15	55%
21-Jul	No Fishing		1.23	54.18	62%	0.86	26.01	57%
22-Jul	24.0	35	1.46	55.64	64%	0.82	26.82	59%
23-Jul	24.0	59	2.46	58.10	66%	0.86	27.68	61%
24-Jul	24.0	37	1.54	59.64	68%	0.87	28.55	63%
25-Jul	24.0	54	2.25	61.89	71%	0.89	29.44	65%
26-Jul	24.0	40	1.67	63.55	73%	0.88	30.33	67%
27-Jul	8.0	72	9.00	72.55	83%	0.76	31.08	68%
28-Jul	No Fishing		5.02	77.58	89%	0.67	31.76	70%
29-Jul	24.0	25	1.04	78.62	90%	0.85	32.60	72%
30-Jul	24.0	6	0.25	78.87	90%	0.87	33.47	74%
31-Jul	24.0	12	0.50	79.37	91%	0.74	34.21	75%
1-Aug	24.0	4	0.17	79.53	91%	0.56	34.77	77%
2-Aug	24.0	9	0.38	79.91	91%	0.58	35.34	78%

- continued -

Appendix Table 4. (Page 8 of 8).

1996 Chum Salmon[a]						Chum Salmon	
Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion	Average Cumulative Catch 1982-1995	Average Cumulative Proportion 1982-1995
3-Aug	No Fishing		0.40	80.30	92%	35.96	79%
4-Aug	No Fishing		0.40	80.70	92%	36.56	81%
5-Aug	24.0	10	0.42	81.12	93%	37.08	82%
6-Aug	24.0	12	0.50	81.62	93%	37.64	83%
7-Aug	24.0	8	0.33	81.95	94%	38.25	84%
8-Aug	24.0	3	0.13	82.08	94%	38.78	86%
9-Aug	24.0	7	0.29	82.37	94%	39.21	87%
10-Aug	8.0	2	0.25	82.62	94%	39.60	87%
11-Aug	No Fishing		0.19	82.80	95%	39.92	88%
12-Aug	24.0	3	0.13	82.93	95%	40.26	89%
13-Aug	24.0	4	0.17	83.10	95%	40.72	90%
14-Aug	24.0	5	0.21	83.30	95%	41.11	91%
15-Aug	24.0	6	0.25	83.55	96%	41.44	92%
16-Aug	24.0	6	0.25	83.80	96%	41.75	92%
17-Aug	8.0	2	0.25	84.05	96%	42.07	93%
18-Aug	No Fishing		0.23	84.28	96%	42.35	94%
19-Aug	24.0	5	0.21	84.49	97%	42.57	94%
20-Aug	24.0	4	0.17	84.66	97%	42.80	95%
21-Aug	24.0	3	0.13	84.78	97%	42.97	95%
22-Aug	24.0	6	0.25	85.03	97%	43.15	95%
23-Aug	24.0	5	0.21	85.24	97%	43.38	96%
24-Aug	8.0	3	0.38	85.62	98%	43.60	96%
25-Aug	No Fishing		0.31	85.93	98%	43.75	97%
26-Aug	24.0	6	0.25	86.18	99%	43.90	97%
27-Aug	24.0	4	0.17	86.35	99%	44.07	98%
28-Aug	24.0	2	0.08	86.43	99%	44.16	98%
29-Aug	24.0	4	0.17	86.60	99%	44.24	98%
30-Aug	24.0	0	0.00	86.60	99%	44.33	98%
31-Aug	8.0	0	0.00	86.60	99%	44.41	98%
1-Sep	No Fishing		0.06	86.66	99%	44.49	99%
2-Sep	24.0	3	0.13	86.78	99%	44.58	99%
3-Sep	24.0	0	0.00	86.78	99%	44.71	99%
4-Sep	24.0	2	0.08	86.87	99%	44.78	99%
5-Sep	24.0	3	0.13	86.99	99%	44.83	99%
6-Sep	24.0	2	0.08	87.08	100%	44.89	100%
7-Sep	8.0	1	0.13	87.20	100%	44.93	100%
8-Sep	No Fishing		0.10	87.30	100%	44.98	100%
9-Sep	24.0	2	0.08	87.39	100%	45.01	100%
10-Sep	24.0	0	0.00	87.39	100%	45.03	100%
11-Sep	24.0	1	0.04	87.43	100%	45.04	100%
12-Sep			0.00	87.43	100%	45.06	100%
13-Sep			0.00	87.43	100%	45.07	100%
14-Sep			0.00	87.43	100%	45.08	100%
15-Sep			0.00	87.43	100%	45.08	100%
16-Sep			0.00	87.43	100%	45.09	100%
17-Sep			0.00	87.43	100%	45.09	100%
18-Sep			0.00	87.43	100%	45.10	100%
19-Sep			0.00	87.43	100%	45.10	100%
20-Sep			0.00	87.43	100%	45.10	100%
21-Sep			0.00	87.43	100%	45.11	100%
Totals	1,924.0	1,424					

Mean cumulative proportion date 7/11/96

Appendix Table 5. Subsistence king salmon catch and effort, Unalakleet River and Unalakleet Subdistrict, Norton Sound 1982-1996.

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

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

-continued-

Appendix Table 5. Page (2 of 3).

	1987				1988				1989 River				1989 Ocean			1990				1991			
Date	# of Fishers	# of Kings	Daily Mean Catch	# of Nets Observed	# of Fishers	# of Kings	Daily Mean Catch	# of Nets Observed	# of Fishers	# of Kings	Daily Mean Catch	# of Nets Observed	# of Fishers	# of Kings	Daily Mean Catch	# of Fishers	# of Kings	Daily Mean Catch	# of Nets Observed	# of Fishers	# of Kings	Daily Mean Catch	# of Nets Observed
4-Jun																							
5-Jun																							
6-Jun					3	5	1.7	10					1	6	6.0								
7-Jun													1	1	1.0								
8-Jun					3	0	0.0	9					4	23	5.8								
9-Jun					1	0	0.0	10					4	54	13.5								
10-Jun								10															
11-Jun					4	6	1.5	12					1	35	35.0					2	0	0.0	5
12-Jun												5	3	43	14.3					6	27	4.5	7
13-Jun					2	0	0.0	5	1	0	0.0	5	3	14	4.7					2	6	3.0	9
14-Jun					1	0	0.0	7				6	6	113	18.8	4	44	11.0	8	4	11	2.8	9
15-Jun					1	0	0.0	15				5	1	30	30.0				6	5	34	6.8	11
16-Jun					2	1	0.5	15				7								1	10	10.0	7
17-Jun				7	2	1	0.5	15												1	6	6.0	7
18-Jun	1	0	0.0	10	1	5	5.0	14								2	11	5.5	1	1	4	4.0	4
19-Jun	2	1	0.5	14												4	7	1.8	7	3	1	0.3	12
20-Jun	2	2	1.0	16	2	3	1.5	10	3	22	7.3	7	1	1	1.0	2	5	2.5	9	6	13	2.2	
21-Jun	3	7	2.3		4	24	6.0	10	3	7	2.3	7				4	36	9.0		4	4	1.0	8
22-Jun	3	3	1.0	17	3	37	12.3	12	2	2	1.0	8				2	25	12.5	9	5	12	2.4	10
23-Jun	5	3	0.6	18	1	6	6.0	15	3	18	6.0	12				1	2	2.0	9				0
24-Jun	3	4	1.3	19				15	4	27	6.8	14								1	0	0.0	
25-Jun	3	8	2.7	20	1	9	9.0	13								1	3	3.0	2	2	7	3.5	10
26-Jun	1	1	1.0	22												1	0	0.0	7	3	14	4.7	
27-Jun	4	12	3.0	22				14	1	7	7.0	5				3	2	0.7	6	3	5	1.7	10
28-Jun	5	56	11.2	21					1	1	1.0	8				3	1	0.3	8	1	0	0.0	7
29-Jun	7	60	8.6	22								10				2	8	4.0	8	3	31	10.3	5
30-Jun	6	29	4.8	15												2	5	2.5	11				
1-Jul	7	57	8.1	23								9											0
2-Jul	6	8	1.3	26															0				3
3-Jul	4	9	2.3	22															1				
4-Jul	3	2	0.7	22								4				1	2	2.0	4				
5-Jul												3							2				
6-Jul	4	11	2.8	17								4							0				
7-Jul	2	5	2.5	19								7							0				
8-Jul	2	4	2.0	17								0											
9-Jul	2	1	0.5	18															2				
10-Jul	2	0	0.0	9															2				
11-Jul	1	5	5.0	13								1											
12-Jul	1	6	6.0									1											
13-Jul	1	0	0.0	9								1											
14-Jul				10								1											
15-Jul	1	0	0.0	10								1											
16-Jul																							
17-Jul																							
18-Jul																							
19-Jul																							
20-Jul																							
21-Jul																							
22-Jul																							
23-Jul																							

-continued-

Appendix Table 5. Page (3 of 3).

	1992				1993				1994 River				1994 Ocean			1995 River				1995 Ocean			1996[b]
Date	# of Fishers	# of Kings	Daily Mean Catch	# of Nets Observed	# of Fishers	# of Kings	Daily Mean Catch	# of Nets Observed	# of Fishers	# of Kings	Daily Mean Catch	# of Nets Observed	# of Fishers	# of Kings	Daily Mean Catch	# of Fishers	# of Kings	Daily Mean Catch	# of Nets Observed	# of Fishers	# of Kings	Daily Mean Catch	# of Nets Observed
4-Jun																1	2	2.0		1	3	3.0	
5-Jun																1	4	4.0		1	7	7.0	
6-Jun					1	1	1.0												11				14
7-Jun					2	11	5.5												11				19
8-Jun					6	31	5.2												12				20
9-Jun					7	31	4.4												10				20
10-Jun					8	55	6.9																18
11-Jun					4	32	8.0																23
12-Jun					2	28	14.0						1	5	5.0				12				22
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					
16-Jun					6	25	4.2		4	43	10.8	10	4	74	18.5	2	5	2.5		1	3	3.0	
17-Jun					3	35	11.7	15	6	50	8.3	15	3	45	15.0	2	4	2.0	13	1	40	40.0	
18-Jun					4	20	5.0	10	7	17	2.4	7				4	2	0.5	3	1	30	30.0	9
19-Jun					3	17	5.7	9	2	9	4.5	5				4	24	6.0	4	1	56	56.0	8
20-Jun								1	3	43	14.3	3	1	26	26.0	6	18	3.0	10				9
21-Jun								1	2	33	16.5	2				4	18	4.5	10				9
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	2	1	0.5	6	8	51	6.4	14	3	11	3.7	2								1	14	14.0	9
26-Jun	5	0	0.0	13	3	12	4.0	10				2							1				9
27-Jun	9	2	0.2	16				0				4							3				7
28-Jun	4	1	0.3	9	2	13	6.5	3	1	3	3.0	6							4				
29-Jun	2	5	2.5	10	2	14	7.0	3	3	22	7.3	5				1	10	10.0	8				5
30-Jun	2	2	1.0	18	2	8	4.0	5	1	0	0.0	4				1	4	4.0	7				
1-Jul	1	4	4.0	11	2	5	2.5	8	2	1	0.5	4							1				
2-Jul	1	4	4.0	5				4	1	2	2.0												
3-Jul	2	1	0.5	5				2															
4-Jul	2	0	0.0	3																			
5-Jul	1	8	8.0	2																			
6-Jul	4	13	3.3	3																			
7-Jul	5	6	1.2	5																			
8-Jul	1	0	0.0	2																			
9-Jul	1	0	0.0	2																			
10-Jul	1	0	0.0	4																			
11-Jul				3																			
12-Jul				2																			
13-Jul				2																			
14-Jul				2																			
15-Jul				2																			
16-Jul	1	6	6	7																			
17-Jul				6																			
18-Jul				2																			
19-Jul																							
20-Jul				0																			
21-Jul				1																			
22-Jul				1																			
23-Jul				1																			

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

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