Unalakleet River Test Net Project, 1999

by

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Regional Informational Report[1] No. 3A00-20

April 2000

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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 from 1972 through 1974 (Regnart and Trasky 1973, and Cunningham 1974 and 1975), from 1984 through 1986, (Lean 1985a, 1986b, 1987b) and since 1996 (Rob 1997,1998, and1999). Hydroacoustic counting techniques were used unsuccessfully in three prior years (Lean and Peterson 1983, 1984; Lean 1985b). Since 1981 test fishing in the river with set gillnets has provided an index of return strength by species (Lean and Peterson 1982, 1983, 1984, 1985; Lean 1986a, 1987a, 1989, 1991, Bue and Lean 1988, 1990; Bue 1994a, 1994b, 1995; Rob 1996a, 1996b, 1997, 1998 and 1999). This report presents test fishing results from the 1999 season and comparisons to historical data.

METHODS

Test Fishing

Test fishing began on 21 June and ended on 8 September in 1999. 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 5-7/8 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 18 July, every Sunday was taken off for the rest of the season. The gillnet was picked twice daily, except for those occasional days when it was picked more often to prevent fish or debris saturation. All fish caught in the test net were

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

Catch Sampling

Commercial catch sampling goals were 150 king salmon and 150 coho salmon from the Unalakleet Subdistrict, and 250 chum salmon 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 the author in Nome 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. The fish were distributed to subsistence users after sampling was completed.

King Salmon Subsistence Survey

Inseason surveys of the king salmon subsistence catch are used as a subjective tool by fishery managers. The numerous subsistence nets located in the Unalakleet River mouth and in the marine waters near the village of Unalakleet were monitored as indicators of king salmon passage. To obtain an additional index of the king salmon return, subsistence fishermen were interviewed from 21 June to 17 July. Fishers were chosen for reliability and willingness to share catch information. Mean daily catches and locations were compared inseason in an effort to track the movement and magnitude of the king salmon return.

Postseason Subsistence Survey

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

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

Data Analysis

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

RESULTS

Test Fishing

A total of 61 king salmon (50% female, 50% male), 187 coho salmon (34% female, 66% male), 360 pink salmon, and 956 chum salmon (72% female, 28% male) were caught in the test net from 21 June to 8 September. Daily peak CPUE's (for days with 24 hours of fishing) occurred on 20 July for king salmon, on 8 September for coho salmon, on 20 July for pink salmon, and on 20 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, 11 and 13. 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 1999 was 80% of the 17 year (1982-1998) average. The commercial cumulative CPUE was 90% of the average (Table 2). The coho salmon test fish cumulative CPUE in 1999 was 70% of the 17 year (1982-1998) average. The commercial cumulative CPUE was 11% of the average (Table 3). The chum salmon test fish cumulative CPUE in 1999 was 108% of the 17 year (1982-1998) average. There were no directed chum salmon commercial fishing openings in 1999 (Table 4). The pink salmon test fish cumulative CPUE in 1999 was 77% of the (1983-1997) odd year average (Appendix Table 3). The pink salmon commercial catch statistics from previous years are not compared because of highly variable market conditions and run sizes.

Catch Sampling

Readable scales were collected from 51 king salmon, 84% of the king salmon caught at the test fish site. Age-1.2 contributed 12% of the sample, age-1.3 contributed 14%, age-1.4 contributed 71%, age-2.3 contributed 2%, and age-1.5 contributed 2% (Table 8). Readable scales were collected from 140 king salmon from the Unalakleet subdistrict commercial fishery. Age-1.2 contributed 3%, age-1.3 contributed 9% of the sample, age-1.4 contributed 81%, age-2.3 contributed 1%, age-1.5 contributed 4%, and age-2.4 contributed 2% (Table 9). No scales were collected from king salmon from the Shaktoolik subdistrict commercial fishery in 1999.

Readable scales were collected from 103 coho salmon, 55% of the coho salmon caught at the test fish site. Age-2.1 contributed 92% of the sample and age-3.1 contributed 8% of the sample (Table 10). Readable scales were collected from 186 coho salmon from the Unalakleet subdistrict commercial fishery. Age-2.1 contributed 94% and age-3.1 contributed 6% of the sample (Table 11).

Readable scales were collected from 339 chum salmon, 35% of the chum salmon caught at the test fish site. Age-0.3 contributed 58% of the sample, age-0.4 contributed 40%, and age-0.5 contributed 1% of the sample (Table 12). Readable scales were collected from 288 chum salmon from the Unalakleet subdistrict commercial fishery. Age-0.2 contributed 1% of the sample, age-0.3 contributed 64%, age-0.4 contributed 34%, and age-0.5 contributed 1% of the sample (Table 13).

King Salmon Subsistence Survey

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

Postseason Subsistence Survey

The Division of Subsistence surveyed 87% of the households in the Unalakleet subdistrict and Southern Norton Sound. The total expanded subsistence harvest estimate for 1999 was 36,533 salmon. The expanded subsistence harvest for 1999 was about 84% of the 1998 harvest, 107% of the 1997 harvest, 63% of the 1996 harvest and 68% of the 1995 harvest (Table 6).

DISCUSSION

The 1984 project report presented all the annual test fishing catches to that time. This project now serves as an index of escapement so only a 5.875" gill net is used and only historic data from that mesh size is presented here for comparison. The other mesh sizes have been dropped since the test net catches are no longer used to apportion sonar counts by species.

Comparisons of cumulative CPUE by year as a percentage of the previous 17 year average for each species show a correlation between the commercial and test fisheries, with some exceptions (Figures 2, 4, and 7). Both commercial and test fish CPUE indices are useful management tools when combined with run-timing data (Tables 1-7, Appendix Tables 1-4 and Figures 9-15). An example would be the 1985 coho run when it became evident from the comparison of catch rates with those of previous years that the run was weak. Commercial fishing time was reduced which resulted in a near average test fish CPUE by the end of the season.

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

communication). The test fishing project provides a useful inseason index of escapement for fisheries management.

Commercial catch sampling goals were met for all categories.

ACKNOWLEDGEMENTS

Brooke Everest was the project leader and Alex Ivanoff was the crewmember for the entire season. Art Ivanoff and Louisa Paniptchuk conducted the post season subsistence survey and Susan Georgette compiled and analyzed the data. A draft of this report was reviewed by Larry Buklis.

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Table 1. Commercial salmon harvest by fishing period, Unalakleet Subdistrict, Norton Sound, 1999.

			King Salmon				Coho Salmon				Chum Salmon[a]			
Dates	Hours Fished	# of Fish-ermen	# of Kings	CPUE	Cumul-ative CPUE	Cum CPUE %	# of Coho	CPUE	Cumul-ative CPUE	Cum CPUE %	# of Chums	CPUE	Cumul-ative CPUE	Cum CPUE %
7/2-7/3	24	38	1,039	1.14	1.14	53.9%	0	0.00	0.00	0.0%	786	0.86	0.86	13.8%
7/5-7/6	24	16	235	0.61	1.75	66.1%	0	0.00	0.00	0.0%	579	1.51	2.37	23.9%
7/8-7/9	24	26	523	0.84	2.59	93.3%	0	0.00	0.00	0.0%	1,109	1.78	4.15	43.4%
7/12-7/13	24	20	80	0.17	2.76	97.4%	0	0.00	0.00	0.0%	757	1.58	5.72	56.7%
7/15-7/16	24	12	42	0.15	2.90	99.6%	0	0.00	0.00	0.0%	1,300	4.51	10.24	79.5%
7/29-7/30	24	2	0	0.00	2.90	99.6%	12	0.25	0.25	0.1%	61	1.27	11.51	80.6%
8/2-8/3	24	14	0	0.00	2.90	99.6%	281	0.84	1.09	2.9%	236	0.36	11.87	84.7%
8/5-8/6	24	12	3	0.01	2.91	99.7%	633	2.20	3.28	9.0%	122	0.74	12.61	86.8%
8/9-8/10	24	18	1	0.00	2.91	99.8%	1,303	3.02	6.30	21.7%	214	0.14	12.75	90.6%
8/12-8/13	24	14	0	0.00	2.91	99.8%	910	2.71	9.01	30.6%	59	0.46	13.21	91.6%
8/16-8/17	24	21	0	0.00	2.91	99.8%	2,397	4.76	13.76	53.9%	154	0.18	13.39	94.3%
8/19-8/20	24	19	2	0.00	2.92	99.9%	846	1.86	15.62	62.2%	92	0.27	13.66	95.9%
8/26-8/27	24	15	1	0.00	2.92	99.9%	1,319	3.66	19.28	75.0%	124	0.09	13.75	98.1%
8/30-8/31	24	15	1	0.00	2.92	100.0%	372	1.03	20.32	78.7%	31	0.21	13.96	98.7%
9/2-9/4	48	16	0	0.00	2.92	100.0%	2,191	2.85	23.17	100.0%	76	7.42	21.38	100.0%
Totals	384		1,927		2.92		10,264		23.17		5,700		21.38	

[a] Cumulative CPUE proportions

[b] There were no directed pink salmon fishing periods in 1999.

Table 2. King salmon commercial catch and escapement data, Unalakleet Subdistrict, Norton Sound, 1981-1999.

Year	Commercial Catch	Commercial Cumulative CPUE	Commercial Cumulative CPUE as % of 1982-1998 Average	Test Net Catch	Test Net Cummulative CPUE	Test Net Cumulative CPUE as % of 1982-1998 Average	North River Tower Counts	North River Aerial Survey Counts
1981	6,157							
1982	3,768	1.65	49%	22	2.74	77%		8
1983	7,022	2.65	79%	18	2.55	72%		347
1984	6,804	4.44	132%	41	3.63	102%	2844[a]	51[b]
1985	12,621	4.75	141%	171	9.93	280%	1,426	873
1986	4,494	1.98	59%	49	2.19	62%	1,613	382
1987	3,246	2.77	82%	42	2.23	63%		445
1988	2,218	1.64	49%	13	0.67	19%		202
1989	4,402	2.74	81%	45	2.03	57%		
1990	5,998	3.64	108%	41	1.82	51%		255
1991	4,534	2.63	78%	33	1.71	48%		661
1992	3,402	1.72	51%	23	1.18	33%		329
1993	5,944	4.08	121%	91	4.61	130%		900
1994	4,400	5.07	151%	35	1.53	43%		
1995	7,617	2.15	64%	85	4.79	135%		
1996	3,644	2.84	84%	139	6.53	184%	1,197	106
1997	9,067	7.67	228%	193	8.52	266%	4,185	1605[a]
1998	6,228	4.84	144%	103	4.94	139%	2,100	591
1999	1,927	2.92	87%	61	2.85	80%	2,263	18[a]
Average 1982-1998	5,612	3.37		67	3.54			

Table 3. Coho salmon commercial catch and escapement data, Unalakleet Subdistrict, Norton Sound, 1981-1999.

Year	Commercial Catch	Commercial Cumulative CPUE	Commercial Cumulative CPUE as % of 1982-1998 Average	Test Net Catch	Test Net Cummulative CPUE	Test Net Cumulative CPUE as % of 1982-1998 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	184%		4,145
1983	36,098	19.05	77%	184	16.25	109%		
1984	47,904	24.44	98%	259	25.30	170%	95[a]	152[b]
1985	15,421	14.16	57%	172	11.56	78%	2045[a]	
1986	20,580	12.69	51%	134	9.01	61%		
1987	15,097	10.02	40%	128	6.58	44%		680
1988	24,265	11.17	45%	172	9.26	62%		
1989	36,025	20.03	81%	181	9.82	66%		
1990	52,015	34.75	140%	254	14.01	94%		263
1991	52,033	27.65	111%	152	8.46	57%		2,510
1992	84,449	42.40	170%	421	24.92	168%		398
1993	26,290	21.28	86%	138	7.28	49%		1,397
1994	71,019	51.96	209%	276	14.13	95%		
1995	31,280	23.43	94%	188	9.13	61%		
1996	52,027	35.12	141%	609	35.88	241%	1,229	1,834
1997	26,079	17.52	70%	168	9.00	65%	5,768	
1998	24,534	33.56	135%	186	11.27	76%	3,361	233
1999	10,264	2.64	11%	187	10.46	70%	4,792	533
Average 1982-1998	40,745	24.87		227	14.87			

[a] Poor counting conditions

[b] Early, late, or poor survey conditions

Table 4. Chum salmon commercial catch and escapement data, Unalakleet Subdistrict, Norton Sound, 1981-1999.

Year	Commercial Catch	Commercial Cumulative CPUE	Commercial Cumulative CPUE as % of 1982-1995 Average (excl 1994)	Test Net Catch	Test Net Cummulative CPUE	Test Net Cumulative CPUE as % of 1982-1995 Average (excl 1994)	North River Tower Counts	North River Aerial Survey Counts
1981	39,186			1,104	46.00			599
1982	44,520	15.66	80%	340	57.85	125%		4,135
1983	109,220	43.90	225%	547	79.29	172%		
1984	43,317	22.25	114%	608	55.65	121%	2915[b]	1625[c]
1985	25,111	20.20	103%	819	44.75	97%	4,567	1,625
1986	29,136	16.69	85%	806	49.49	107%	3,738	
1987	17,525	10.94	56%	608	29.61	64%		392
1988	25,364	16.15	83%	488	30.17	65%		
1989	20,825	17.01	87%	730	40.76	88%		
1990	23,659	14.62	75%	331	19.08	41%		1,345
1991	39,609	21.46	110%	735	40.57	88%		2,435
1992	52,547	26.60	136%	926	44.97	98%		
1993	28,156	19.37	99%	637	32.27	70%		445
1994	12,288	[a]	[a]	891	48.75	106%		
1995	24,843	9.20	47%	1,101	58.29	126%		
1996	7,369	[a]	[a]	1,424	87.43	190%	9,789	540
1997	17,139	[a]	[a]	743	39.34	85%	6,904	9,045
1998	6,210	[a]	[a]	492	25.44	55%	1,526	
1999	5,700	[a]	[a]	956	49.90	108%	5,600	1,480
Average 1982-1998	30,990	19.54		719	46.10			

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

[b] Poor counting conditions

[c] Early, late, or poor survey conditions

Table 5. Pink salmon commercial catch and escapement data, Unalakleet Subdistrict, Norton Sound, 1994-1999.[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	304.17	221	13.57		
1996	113,837	861.98	2,122	115.52	332,539	251,000
1997	0	0.00	453	24.94	127,926	17,870
1998	99,412	681.54	481	25.79	74,045	153,150
1999	0	0.00	360	16.40	48,993	3,790

[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, 1961-1999.

	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	15,706 [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]	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]	13,121	921	45,730	54,562	40,005	154,338
1996	3,644	0	52,027	113,837	7,369	176,877	5,180	614	15,856	19,749	16,224	57,623 [e]	8,824	614	67,883	133,586	23,593	234,500
1997	9,067	159	26,079	0	17,139	52,444	6,325	353	9,120	10,804	7,649	34,251 [e]	15,392	512	35,199	10,804	24,788	86,695
1998	6,413	7	24,534	99,412	6,210	136,576	5,915	639	11,825	17,259	7,962	43,600 [e]	12,328	646	36,359	116,671	14,172	180,176
1999	1,927	0	10,264	0	5,700	17,891	4,504	848	10,250	10,891	10,040	36,533 [e]	6,431	848	20,514	10,891	15,740	54,424
5 Year Average[a]	6,228	63	40,988	146,083	13,570	206,932	5,544	654	13,466	19,387	11,946	51,097	11,872	717	54,454	165,471	25,516	258,029
10 Year Average[b]	5,543	152	45,575	111,252	23,265	152,411							6,612	479	52,776	111,650	29,376	180,564

[a] 1994-1998
[b] 1989-1998

[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 1994-1999 include fish taken at Stebbins and St. Michael.

Table 7. Dates of the commercial and test fish mean cumulative proportion, Unalakleet Subdistrict, Norton Sound, 1981-1999.

	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	[a]	7/11	7/11	7/15		
1997	6/19	6/27	8/7	8/12	[a]	7/18				7/23
1998	6/25	7/10	8/10	8/16	[a]	7/19	7/10	7/12		
1999	7/3	7/9	8/17	8/23	7/13	7/28			[b]	7/22
Average 1982-1998	6/24	6/27	8/9	8/15	7/7	7/16	7/11	7/13	7/12	7/19

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

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

Table 8. King salmon test fish sample age and sex composition and mean length, Unalakleet River, Norton Sound, 1999.

		Brood Year and (Age Group)					
		1996 (1.2)	1995 (1.3)	1994 (1.4)	1994 (2.3)	1993 (1.5)	Total
Sampling Dates:	7/1 - 7/21						
Sample Size:	51						
Female	Percent of Sample		2.0%	47.1%			49.0%
	Number in Catch		1	24			25
	Mean length (mm) [a]		870	855			
Male	Percent of Sample	11.8%	11.8%	23.5%	2.0%	2.0%	51.0%
	Number in Catch	6	6	12	1	1	26
	Mean length (mm) [a]	579	576	768	700	900	
Total	Percent of Sample	11.8%	13.7%	70.6%	2.0%	2.0%	100.0%
	Number in Catch	6	7	36	1	1	51

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

Table 9. King salmon commercial catch sample age and sex composition and mean length, Unalakleet Subdistrict, Norton Sound, 1999.

		Brood Year and (Age Group)						
		1995 (1.2)	1994 (1.3)	1993 (1.4)	1993 (2.3)	1992 (1.5)	1992 (2.4)	Total
Sampling Dates:	7/3 -7/6							
Sample Size:	139							
Female	Percent of Sample		0.7%	53.2%		2.9%		56.8%
	Number in Catch		1	74	0	4	0	79
	Mean length (mm) [a]		875	872		918		
Male	Percent of Sample	2.9%	8.6%	28.1%	0.7%	0.7%	2.2%	43.2%
	Number in Catch	4	12	39	1	1	3	60
	Mean length (mm) [a]	564	626	815	710	920	900	
Totals	Percent of Sample	2.9%	9.4%	81.3%	0.7%	3.6%	2.2%	100%
	Number in Catch	4	13	113	1	5	3	139

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

Table 10. Coho salmon test fish sample age and sex composition and mean length, Unalakleet River, Norton Sound, 1999.

		Brood Year and (Age Group)		
		1995 (2.1)	1994 (3.1)	Total
Sampling Dates:	7/30 - 9/2			
Sample Size:	103			
Male	Percent of Sample	61.1%	4.9%	66.0%
	Number	63	5	68
	Mean length (mm) [a]	585	575	
Female	Percent of Sample	31.1%	2.9%	34.0%
	Number	32	3	35
	Mean length (mm) [a]	585	603	
Total	Percent of Sample	92.2%	7.8%	100.0%
	Number	95	8	103

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

Table 11. Coho salmon commercial catch sample age and sex composition and mean length, Unalakleet Subdistrict, Norton Sound, 1999.

		Brood Year and (Age Group)		
		1995 (2.1)	1994 (3.1)	Total
Sampling Dates:	8/3 - 8/17			
Sample Size:	186			
Male	Percent of Sample	54.8%	2.1%	56.9%
	Number	102	4	106
	Mean length (mm) [a]	571	563	
Female	Percent of Sample	39.3%	3.8%	43.1%
	Number	73	7	80
	Mean length (mm) [a]	567	569	
Totals	Percent of Sample	94.1%	5.9%	100.0%
	Number	175	11	186

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

Table 12. Chum salmon test fish sample age and sex composition and mean length, Unalakleet River, Norton Sound, 1999.

		Brood Year and (Age Group)			
		1995 (0.3)	1994 (0.4)	1993 (0.5)	Total
Sampling Dates:	6/27 - 8/23				
Sample Size:	339				
Male	Percent of Sample	38.6%	25.1%	0.9%	27.9%
	Number	131	85	3	219
	Mean length (mm) [a]	605	630	632	
Female	Percent of Sample	19.8%	15.3%	0.3%	72.1%
	Number	67	52	1	120
	Mean length (mm) [a]	584	601	625	
Totals	Percent of Sample	58.4%	40.4%	1.2%	100.0%
	Number	198	137	4	339

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

Table 13. Chum salmon commercial catch sample age and sex composition and mean length, Unalakleet Subdistrict, Norton Sound, 1999.

		Brood Year and (Age Group)				
		1996 (0.2)	1995 (0.3)	1994 (0.4)	1993 (0.5)	Total
Sampling Dates:	7/9 - 7/16					
Sample Size:	288					
Male	Percent of Sample	0.7%	22.6%	14.2%	0.3%	52.2%
	Number	2	65	41	1	109
	Mean length (mm) [a]	598	591	611	550	
Female	Percent of Sample	0.3%	41.3%	19.8%	0.7%	47.8%
	Number	1	119	57	2	179
	Mean length (mm) [a]	580	574	581	583	
Totals	Percent of Sample	1.0%	63.9%	34.0%	1.0%	100.0%
	Number	3	184	98	3	288

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

Figure 1. Area location map of the Unalakleet River escapement projects, Norton Sound, 1999.

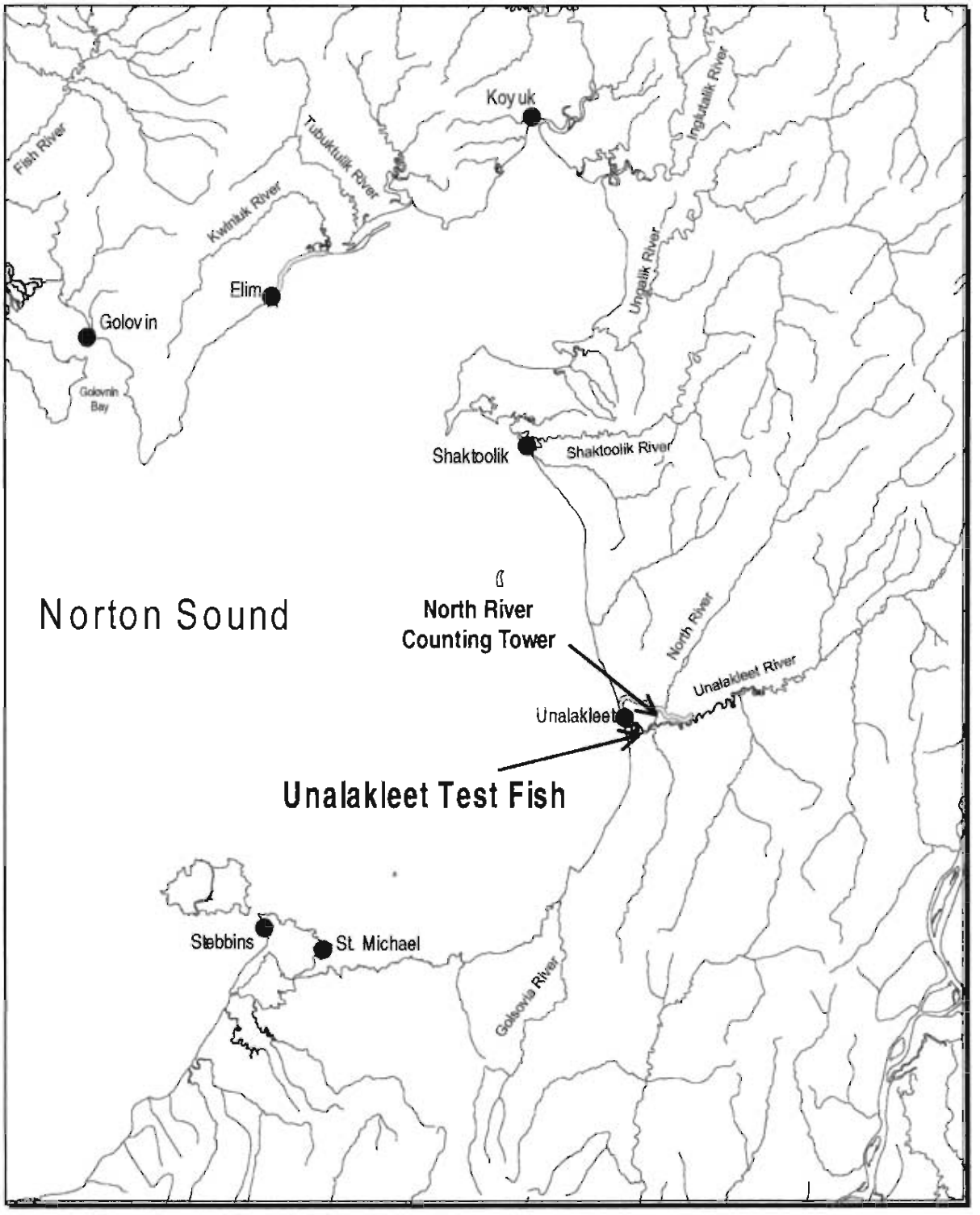


Figure 2. Comparison of king salmon commercial and test fish cumulative CPUE by year as a percentage of the 17 year average (1982-1998), Unalakleet Subdistrict, Norton Sound.

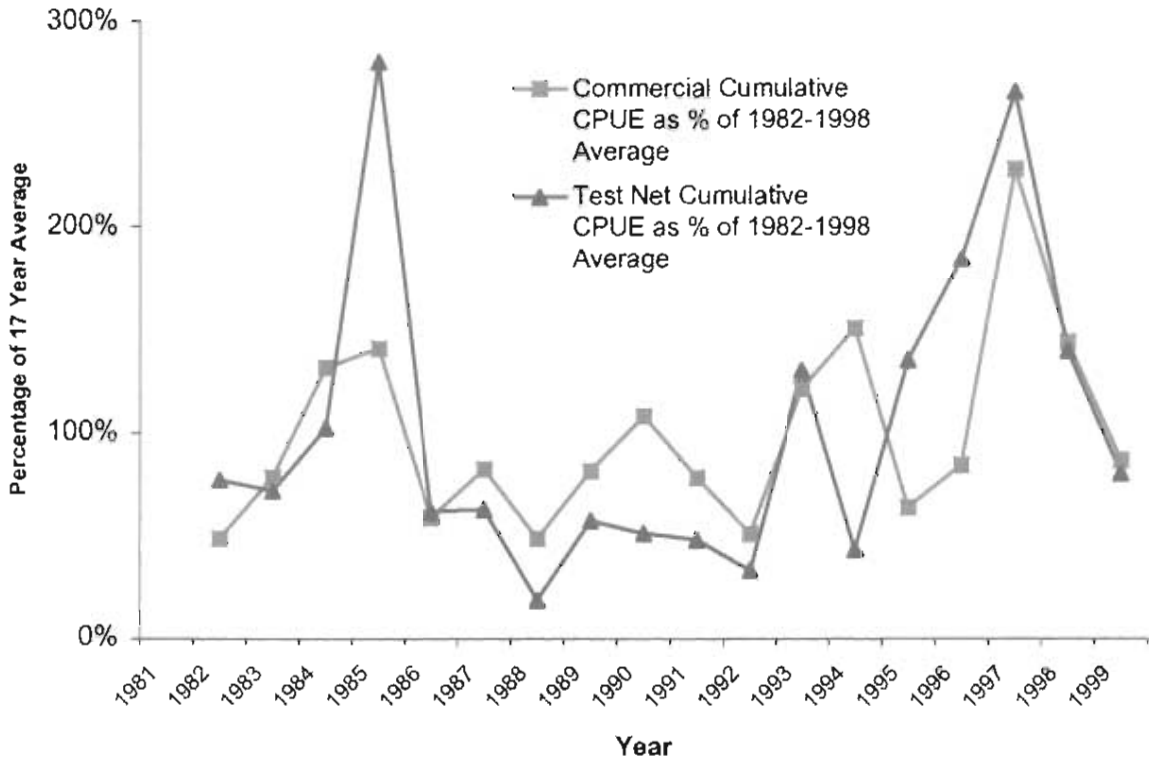


Figure 3. The 1999 cumulative king salmon test fishing CPUE compared to the previous 17 year average (1982-1998), Unalakleet River, Norton Sound.

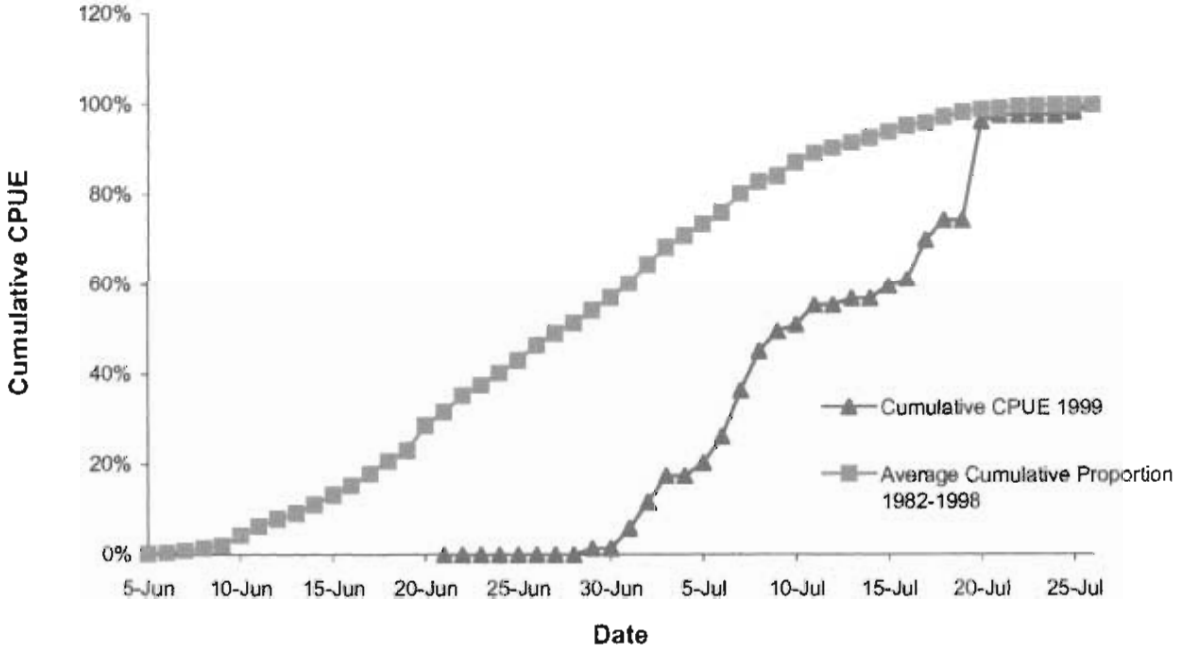


Figure 4. Comparison of coho salmon commercial and test fish cumulative CPUE by year as a pertcentage of the 17 year average (1982-1998), Unalakleet Subdistrict, Norton Sound.

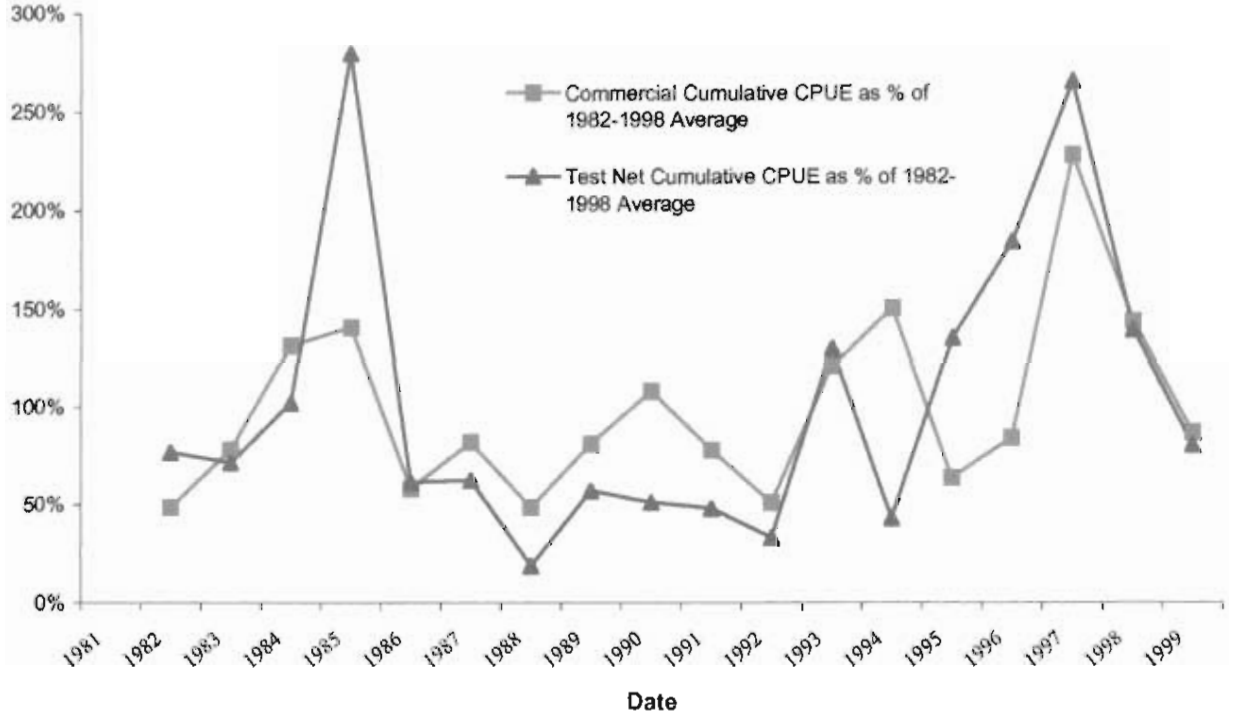


Figure 5. The 1999 cumulative coho salmon test fishing CPUE compared to the previous 17 year average (1982-1998), Unalakleet River, Norton Sound.

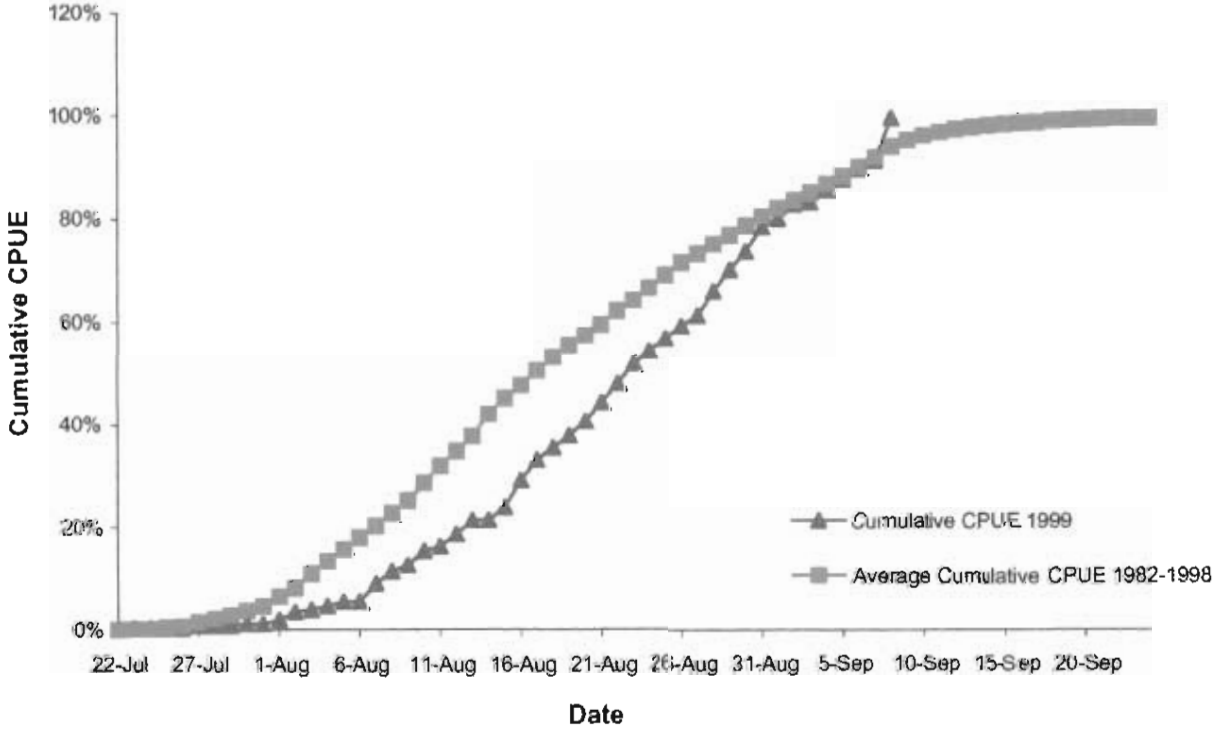


Figure 6. The 1999 cumulative pink salmon test fishing CPUE compared to the odd year average (1983-1997), Unalakleet River, Norton Sound.

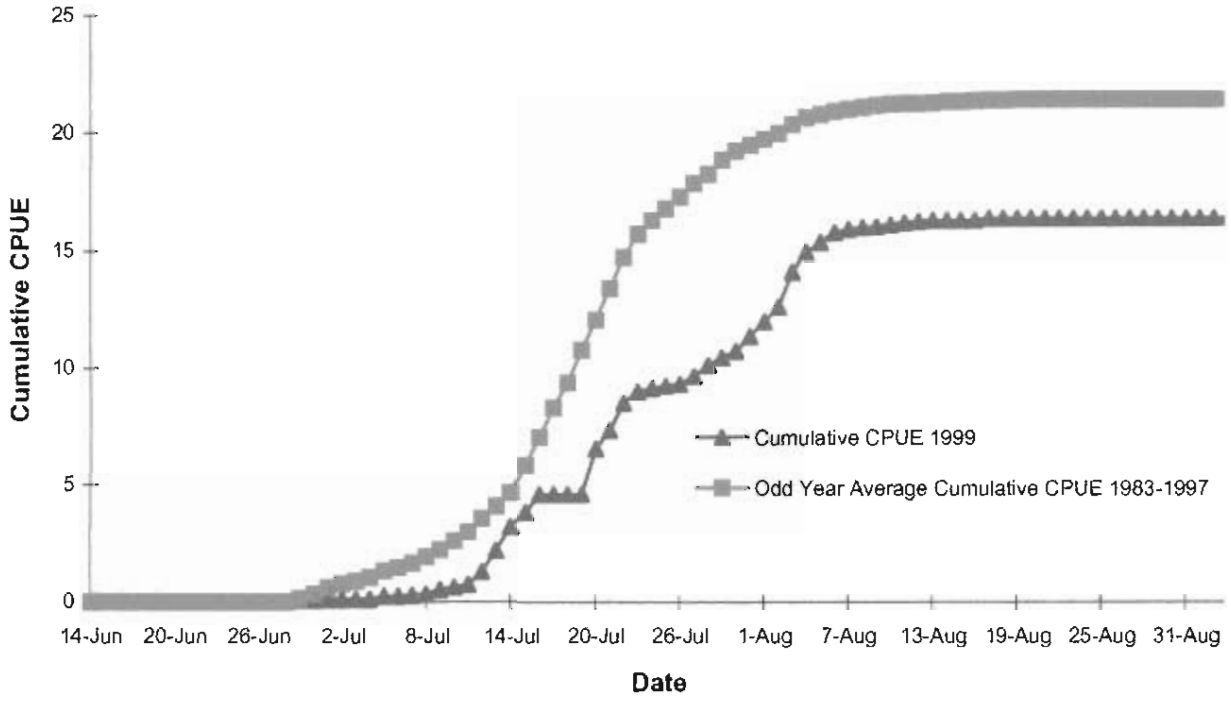


Figure 7. Comparison of chum salmon commercial test fish cumulative CPUE[a] by year as a percentage of the 1982-1995 average (excluding 1994), Unalakleet Subdistrict, Norton Sound.

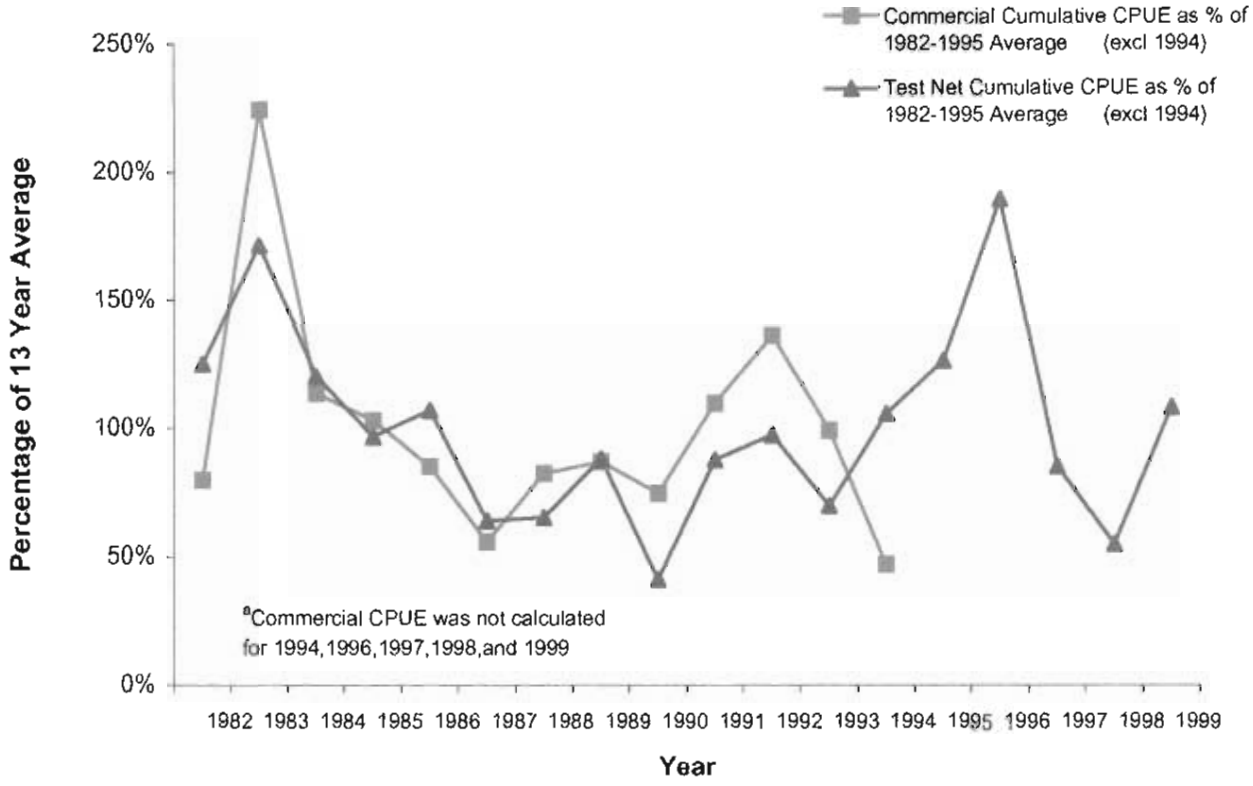


Figure 8. The 1999 cumulative chum salmon test fishing CPUE compared to the previous 17 year average (1982-1998), Unalakleet River, Norton Sound.

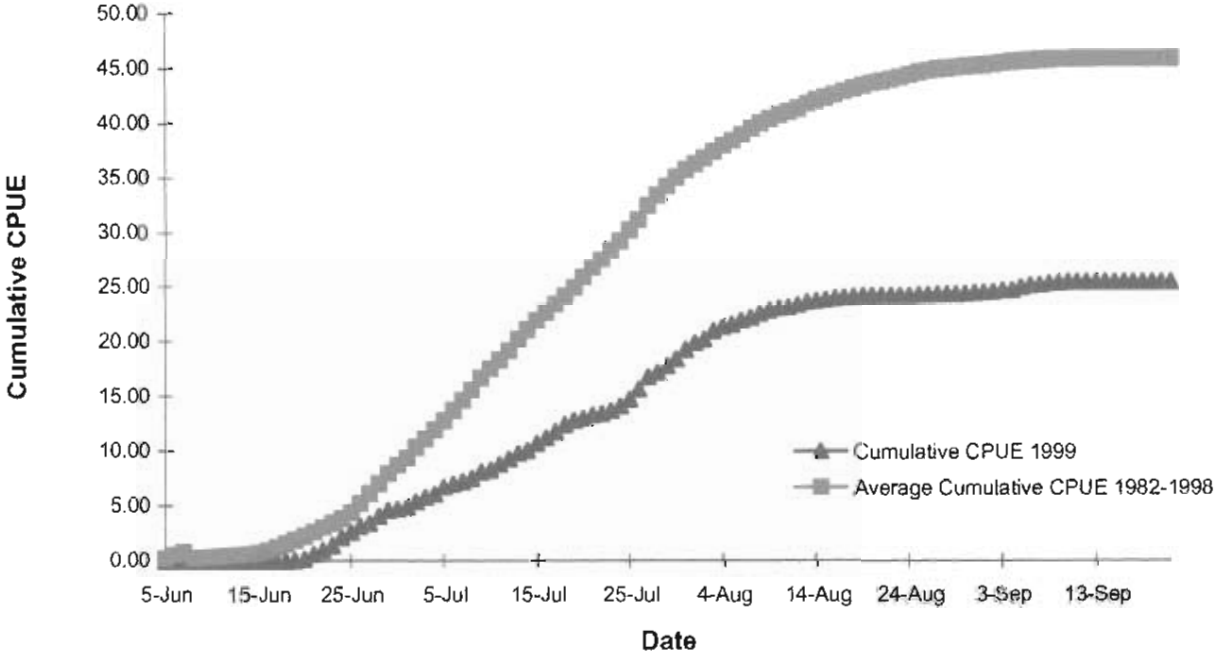


Figure 9. King salmon commercial and test fish cumulative proportion curves showing run- timing by date, Unalakleet Subdistrict, Norton Sound, 1999.

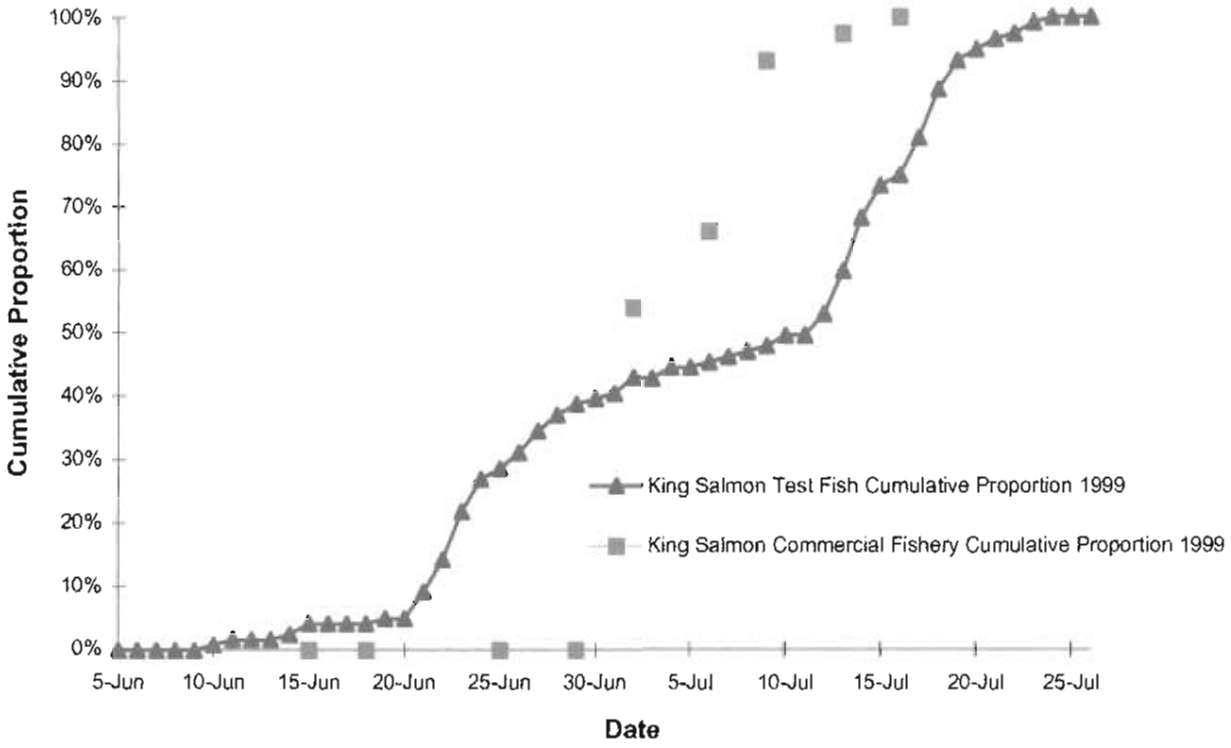


Figure 10. King salmon test fish cumulative proportion run-timing for 1999 compared with the previous 17 year average (1982-1998), Unalakleet River, Norton Sound.

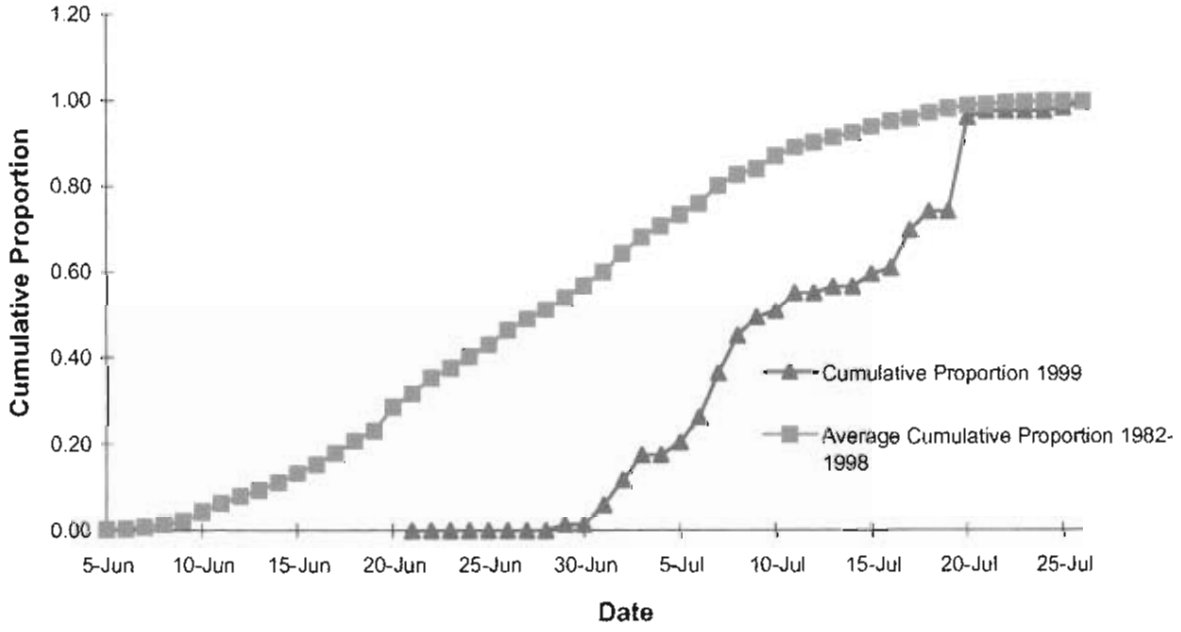


Figure 11. Coho salmon commercial and test fish cumulative proportion curves showing run-timing by date, Unalakleet Subdistrict, Norton Sound, 1999

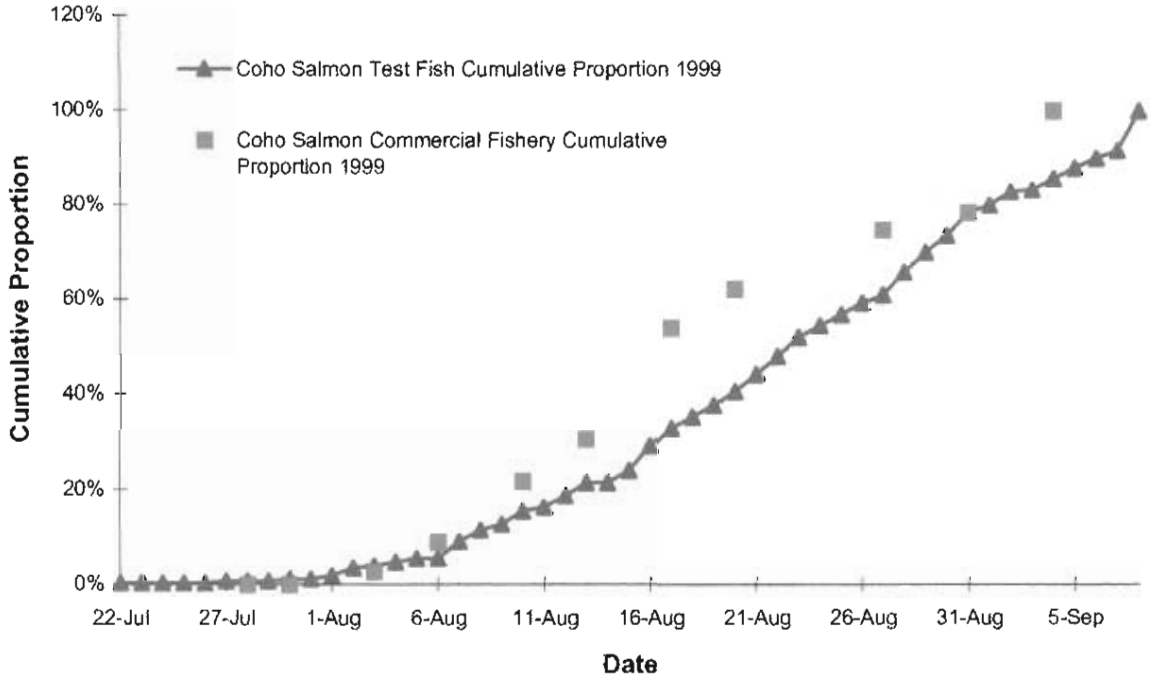


Figure 12. Coho salmon test fish cumulative proportion run-timing for 1999 compared with the 17 year average cumulative proportion (1982-1998), Unalakleet River, Norton Sound.

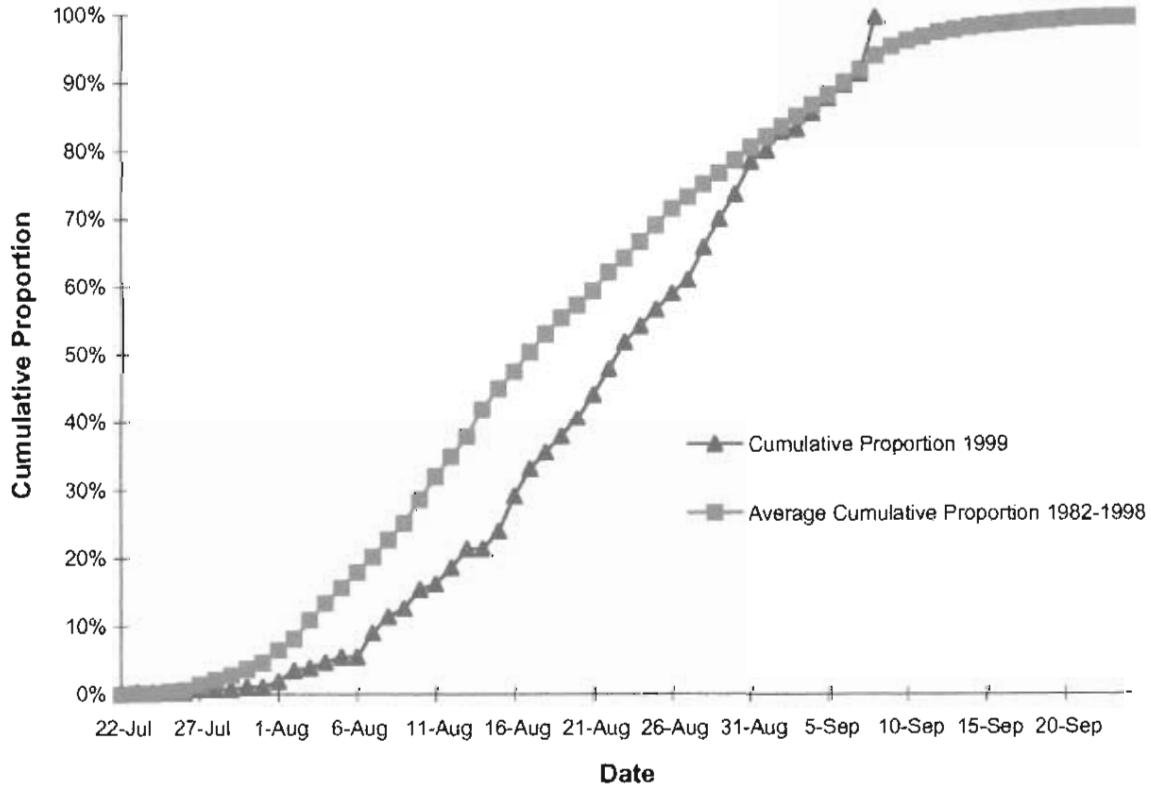


Figure 13. Chum salmon test fish cumulative proportion run-timing for 1999 compared with the 17 year average cumulative proportion (1982-1998), Unalakleet River, Norton Sound.

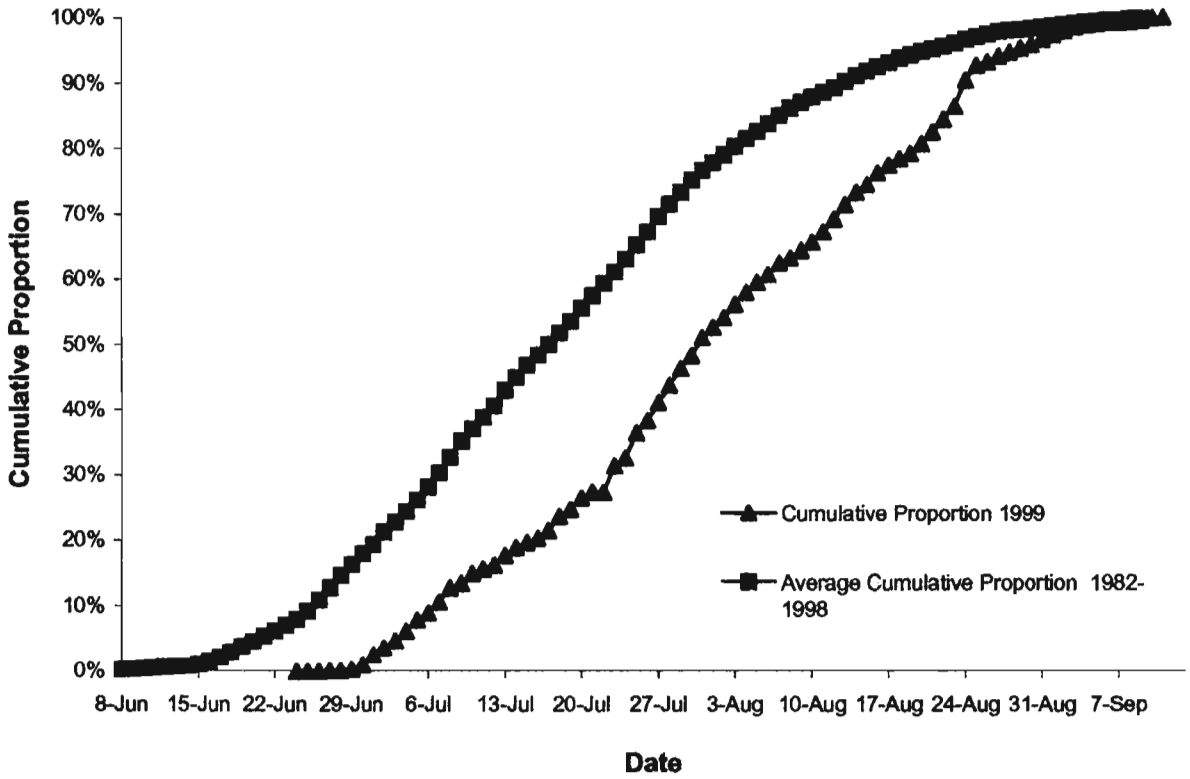
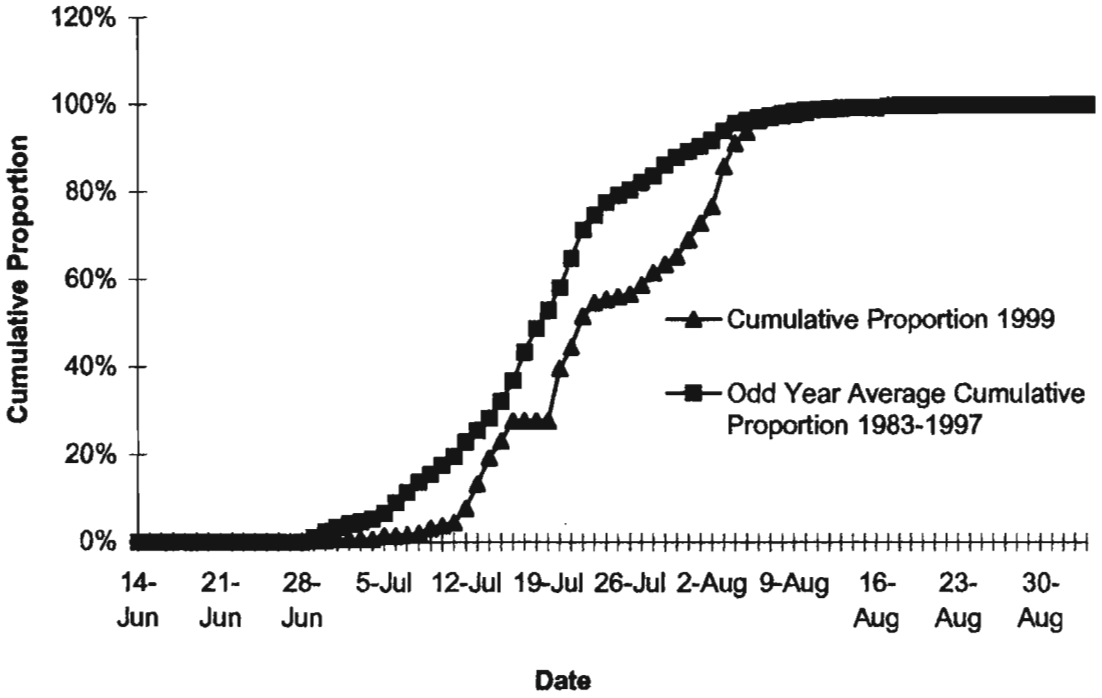


Figure 14. Pink salmon test fish cumulative proportion run-timing for 1999 compared with the odd ye average cumulative proportion (1983-1997), Unalakleet River, Norton Sound.



Appendix Table 1. Test fishing catches of king salmon in 5 7/8" mesh set gillnet, Unalakleet River, Norton Sound, 1982-1999.

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				6/16/83

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%
24.2	1	0.04	0.04	1%
No Fishing		0.10	0.14	4%
24.5	4	0.16	0.31	8%
No Fishing		0.20	0.51	14%
24.4	6	0.25	0.76	21%
No Fishing		0.27	1.03	28%
No Fishing		0.27	1.30	36%
23.8	7	0.29	1.59	44%
No Fishing		0.33	1.93	53%
24.0	9	0.38	2.30	63%
No Fishing		0.46	2.76	76%
24.1	13	0.54	3.30	91%
No Fishing		0.29	3.59	99%
24.1	1	0.04	3.63	100%
		0.00	3.63	100%
		0.00	3.63	100%
		0.00	3.63	100%
		0.00	3.63	100%
		0.00	3.63	100%
		0.00	3.63	100%
		0.00	3.63	100%
		0.00	3.63	100%
		0.00	3.63	100%
		0.00	3.63	100%
		0.00	3.63	100%
		0.00	3.63	100%
		0.00	3.63	100%
		0.00	3.63	100%
		0.00	3.63	100%
		0.00	3.63	100%
		0.00	3.63	100%
		0.00	3.63	100%
		0.00	3.63	100%
		0.00	3.63	100%
169.1	41			
Mean cumulative proportion date				7/4/84

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

- continued -

Appendix Table 1. (page 2 of 6)

1985 King Salmon[a]

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

1986 King Salmon[a]

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

1987 King Salmon[a]

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

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

- continued -

Appendix Table 1. (Page 3 of 6)

1988 King Salmon[a]

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion
5-Jun			0.00	0.00	0%
6-Jun			0.00	0.00	0%
7-Jun			0.00	0.00	0%
8-Jun			0.00	0.00	0%
9-Jun			0.00	0.00	0%
10-Jun			0.00	0.00	0%
11-Jun			0.00	0.00	0%
12-Jun			0.00	0.00	0%
13-Jun			0.00	0.00	0%
14-Jun			0.00	0.00	0%
15-Jun			0.00	0.00	0%
16-Jun			0.00	0.00	0%
17-Jun			0.00	0.00	0%
18-Jun			0.00	0.00	0%
19-Jun			0.00	0.00	0%
20-Jun	24.3	1	0.04	0.04	6%
21-Jun	23.9	2	0.08	0.12	19%
22-Jun	24.0	3	0.13	0.25	37%
23-Jun	24.2	0	0.00	0.25	37%
24-Jun	23.7	1	0.04	0.29	43%
25-Jun	9.0	0	0.00	0.29	43%
26-Jun	No Fishing		0.02	0.31	46%
27-Jun	24.1	1	0.04	0.35	53%
28-Jun	No Fishing		0.03	0.38	57%
29-Jun	53.0	1	0.02	0.40	60%
30-Jun	19.1	0	0.00	0.40	60%
1-Jul	24.2	0	0.00	0.40	60%
2-Jul	10.3	1	0.10	0.50	74%
3-Jul	No Fishing		0.05	0.55	81%
4-Jul	24.2	0	0.00	0.55	81%
5-Jul	24.0	2	0.08	0.63	94%
6-Jul	24.0	0	0.00	0.63	94%
7-Jul	24.1	0	0.00	0.63	94%
8-Jul	23.9	1	0.04	0.67	100%
9-Jul	11.6	0	0.00	0.67	100%
10-Jul	No Fishing		0.00	0.67	100%
11-Jul	24.4	0	0.00	0.67	100%
12-Jul	23.9	0	0.00	0.67	100%
13-Jul	23.9	0	0.00	0.67	100%
14-Jul	23.9	0	0.00	0.67	100%
15-Jul	24.1	0	0.00	0.67	100%
16-Jul	10.8	0	0.00	0.67	100%
17-Jul	No Fishing		0.00	0.67	100%
18-Jul	24.1	0	0.00	0.67	100%
19-Jul	24.0	0	0.00	0.67	100%
20-Jul	24.0	0	0.00	0.67	100%
21-Jul	24.2	0	0.00	0.67	100%
22-Jul	24.0	0	0.00	0.67	100%
23-Jul	25.4	0	0.00	0.67	100%
24-Jul			0.00	0.67	100%
25-Jul			0.00	0.67	100%
26-Jul			0.00	0.67	100%
Totals	668.3	13			
Mean cumulative proportion date					6/27/88

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

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

1990 King Salmon[a]

Hours Fished	Catch	Catch per Unit Effort (CPUE)	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%
24.1	2	0.08	0.08	5%
10.1	0	0.00	0.08	5%
No Fishing		0.04	0.13	7%
23.7	2	0.08	0.21	12%
23.8	6	0.25	0.46	25%
24.2	26	1.07	1.54	85%
23.8	1	0.04	1.58	87%
24.2	1	0.04	1.62	89%
10.0	0	0.00	1.62	89%
No Fishing		0.02	1.64	90%
30.0	1	0.03	1.67	92%
21.8	1	0.05	1.72	94%
23.8	0	0.00	1.72	94%
23.5	0	0.00	1.72	94%
24.2	0	0.00	1.72	94%
9.3	0	0.00	1.72	94%
No Fishing		0.00	1.72	94%
22.9	0	0.00	1.72	94%
24.3	0	0.00	1.72	94%
24.0	0	0.00	1.72	94%
23.8	0	0.00	1.72	94%
23.8	0	0.00	1.72	94%
9.9	1	0.10	1.82	100%
		0.00	1.82	100%
		0.00	1.82	100%
		0.00	1.82	100%
		0.00	1.82	100%
		0.00	1.82	100%
		0.00	1.82	100%
		0.00	1.82	100%
		0.00	1.82	100%
		0.00	1.82	100%
		0.00	1.82	100%
		0.00	1.82	100%
		0.00	1.82	100%
		0.00	1.82	100%
		0.00	1.82	100%
		0.00	1.82	100%
		0.00	1.82	100%
		0.00	1.82	100%
		0.00	1.82	100%
		0.00	1.82	100%
		0.00	1.82	100%
425.2	41			
Mean cumulative proportion date				6/20/90

- continued -

Appendix Table 1. (Page 4 of 6)

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

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

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%
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%
25.0	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		0.13	1.08	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%
857.0	91			
Mean cumulative proportion date				6/28/93

- continued -

Appendix Table 1. (Page 5 of 6)

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%
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%
24.0	0	0.00	6.53	100%
8.0	0	0.00	6.53	100%
No Fishing		0.00	6.53	100%
24.0	0	0.00	6.53	100%
24.0	0	0.00	6.53	100%
24.0	0	0.00	6.53	100%
24.0	0	0.00	6.53	100%
24.0	0	0.00	6.53	100%
8.0	0	0.00	6.53	100%
No Fishing		0.00	6.53	100%
24.0	0	0.00	6.53	100%
24.0	0	0.00	6.53	100%
24.0	0	0.00	6.53	100%
24.0	0	0.00	6.53	100%
24.0	0	0.00	6.53	100%
1,084.0	139			
Mean cumulative proportion date				6/15/96

- continued -

Appendix Table 1. (Page 6 of 6)

	1997 King Salmon[ab]					1998 King Salmon[a]					1999 King Salmon[a]					
Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion	Average Cumulative Proportion 1982-1998
5-Jun			0.00	0.00	0%			0.00	0.00	0%						0%
6-Jun			0.00	0.00	0%	24.0		0.00	0.00	0%						0%
7-Jun			0.00	0.00	0%	24.0		0.00	0.00	0%						1%
8-Jun			0.00	0.00	0%	24.0		0.00	0.00	0%						1%
9-Jun			0.00	0.00	0%	24.0		0.00	0.00	0%						2%
10-Jun			0.00	0.00	0%	24.0	1	0.04	0.04	1%						4%
11-Jun	24.0	4	0.17	0.17	2%	24.0	1	0.04	0.08	2%						6%
12-Jun	24.0	7	0.29	0.46	5%	24.0	0	0.00	0.08	2%						8%
13-Jun	24.0	3	0.13	0.58	7%	24.0	0	0.00	0.08	2%						9%
14-Jun	24.0	4	0.17	0.75	9%	24.0	1	0.04	0.13	3%						11%
15-Jun	24.0	5	0.21	0.96	11%	24.0	2	0.08	0.21	4%						13%
16-Jun	24.0	6	0.25	1.21	14%	24.0	0	0.00	0.21	4%						15%
17-Jun	24.0	7	0.29	1.50	18%	24.0	0	0.00	0.21	4%						18%
18-Jun	24.0	3	0.13	1.63	19%	24.0	0	0.00	0.21	4%						21%
19-Jun	24.0	3	0.13	1.75	21%	24.0	1	0.04	0.25	5%						23%
20-Jun	24.0	5	0.21	1.96	23%	24.0	0	0.00	0.25	5%						29%
21-Jun	24.0	2	0.08	2.04	24%	24.0	5	0.21	0.46	9%	19	0	0.00	0.00	0%	32%
22-Jun	24.0	5	0.21	2.25	26%	24.0	6	0.25	0.71	14%	24	0	0.00	0.00	0%	35%
23-Jun	24.0	3	0.13	2.38	28%	24.0	9	0.38	1.08	22%	24	0	0.00	0.00	0%	38%
24-Jun	24.0	11	0.46	2.83	33%	24.0	6	0.25	1.33	27%	24	0	0.00	0.00	0%	40%
25-Jun	24.0	11	0.46	3.29	39%	24.0	2	0.08	1.42	29%	24	0	0.00	0.00	0%	43%
26-Jun	24.0	12	0.50	3.79	44%	24.0	3	0.13	1.54	31%	24	0	0.00	0.00	0%	46%
27-Jun	24.0	11	0.46	4.25	50%	24.0	4	0.17	1.71	35%	24	0	0.00	0.00	0%	49%
28-Jun	24.0	8	0.33	4.58	54%	24.0	3	0.13	1.83	37%	24	0	0.00	0.00	0%	51%
29-Jun	24.0	8	0.33	4.92	58%	24.0	2	0.08	1.92	39%	24	1	0.04	0.04	1%	54%
30-Jun	24.0	7	0.29	5.21	61%	24.0	1	0.04	1.96	40%	24	0	0.00	0.04	1%	57%
1-Jul	24.0	13	0.54	5.75	67%	24.0	1	0.04	2.00	41%	24	3	0.13	0.17	6%	60%
2-Jul	24.0	4	0.17	5.92	69%	24.0	3	0.13	2.13	43%	24	4	0.17	0.33	12%	65%
3-Jul	24.0	5	0.21	6.13	72%	24.0	0	0.00	2.13	43%	24	4	0.17	0.50	18%	68%
4-Jul	24.0	1	0.04	6.17	72%	24.0	2	0.08	2.21	45%	24	0	0.00	0.50	18%	71%
5-Jul	8.0	1	0.13	6.29	74%	24.0	0	0.00	2.21	45%	24	2	0.08	0.58	20%	74%
6-Jul	No Fishing		0.33	6.63	78%	24.0	1	0.04	2.25	46%	24	4	0.17	0.75	26%	76%
7-Jul	24.0	13	0.54	7.17	84%	24.0	1	0.04	2.29	46%	24	7	0.29	1.04	36%	80%
8-Jul	24.0	5	0.21	7.38	87%	24.0	1	0.04	2.33	47%	24	6	0.25	1.29	45%	83%
9-Jul	24.0	7	0.29	7.67	90%	24.0	1	0.04	2.38	48%	24	3	0.13	1.42	50%	84%
10-Jul	24.0	5	0.21	7.88	92%	24.0	2	0.08	2.46	50%	24	1	0.04	1.46	51%	87%
11-Jul	24.0	3	0.13	8.00	94%	8.0	0	0.00	2.46	50%	24	3	0.13	1.58	55%	89%
12-Jul	8.0	0	0.00	8.00	94%	No Fishing		0.17	2.63	53%	24	0	0.00	1.58	55%	90%
13-Jul	No Fishing		0.04	8.04	94%	24.0	8	0.33	2.96	60%	24	1	0.04	1.63	57%	92%
14-Jul	24.0	2	0.08	8.13	95%	24.0	10	0.42	3.38	68%	24	0	0.00	1.63	57%	93%
15-Jul	24.0	3	0.13	8.25	97%	24.0	6	0.25	3.63	73%	24	2	0.08	1.71	60%	94%
16-Jul	24.0	2	0.08	8.33	98%	24.0	2	0.08	3.71	75%	24	1	0.04	1.75	61%	95%
17-Jul	24.0	1	0.04	8.38	98%	24.0	7	0.29	4.00	81%	8	2	0.25	2.00	70%	96%
18-Jul	24.0	1	0.04	8.42	99%	8.0	3	0.38	4.38	89%	No Fishing		0.13	2.13	74%	97%
19-Jul	8.0	0	0.00	8.42	99%	No Fishing		0.23	4.60	93%	24	0	0.00	2.13	74%	98%
20-Jul	No Fishing		0.02	8.44	99%	24.0	2	0.08	4.69	95%	24	15	0.63	2.75	96%	99%
21-Jul	24.0	1	0.04	8.48	100%	24.0	2	0.08	4.77	97%	24	1	0.04	2.79	98%	99%
22-Jul	24.0	1	0.04	8.52	100%	24.0	1	0.04	4.81	97%	24	0	0.00	2.79	98%	100%
23-Jul	24.0	0	0.00	8.52	100%	24.0	2	0.08	4.90	99%	24	0	0.00	2.79	98%	100%
24-Jul	24.0	0	0.00	8.52	100%	24.0	1	0.04	4.94	100%	8	0	0.00	2.79	98%	100%
25-Jul	24.0	0	0.00	8.52	100%	8.0	0	0.00	4.94	100%	No Fishing		0.02	2.81	99%	100%
26-Jul	8.0	0	0.00	8.52	100%	No Fishing		0.00	4.94	100%	24	1	0.04	2.85	100%	100%
Totals	968.0	103				1,104.0	103				779.0	61				
	Mean cumulative proportion date				6/27/97	Mean cumulative proportion date				7/10/98	Mean cumulative proportion date				7/9/99	

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

[b]fishing began on 6/2/97

Appendix Table 2. Test fishing catches of coho salmon in 5 7/8" mesh set gillnet, Unalakleet River, Norton Sound, 1981-1999.

	1981 Coho Salmon*					1982 Coho Salmon*					1983 Coho Salmon*				
Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion	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%
23-Jul			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
24-Jul			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
25-Jul			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
26-Jul			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
27-Jul			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
28-Jul			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
29-Jul			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
30-Jul	24.0	6	0.25	0.25	2%			0.00	0.00	0%			0.00	0.00	0%
31-Jul	24.0	6	0.25	0.50	4%			0.00	0.00	0%			0.00	0.00	0%
1-Aug	24.0	3	0.13	0.63	5%	3.0	9	3.00	3.00	11%			0.00	0.00	0%
2-Aug	24.0	0	0.00	0.63	5%	4.4	3	0.68	3.68	13%			0.00	0.00	0%
3-Aug	24.0	3	0.13	0.75	6%	No Fishing		0.64	4.33	16%			0.00	0.00	0%
4-Aug	24.0	0	0.00	0.75	6%	13.2	8	0.61	4.93	18%			0.00	0.00	0%
5-Aug	24.0	0	0.00	0.75	6%	7.3	6	0.82	5.75	21%	11.8	1	0.08	0.08	1%
6-Aug	24.0	0	0.00	0.75	6%	No Fishing		0.77	6.52	24%	No Fishing		0.20	0.28	2%
7-Aug	24.0	3	0.13	0.88	7%	No Fishing		0.77	7.29	27%	12.8	4	0.31	0.60	4%
8-Aug	24.0	0	0.00	0.88	7%	12.6	9	0.71	8.00	29%	No Fishing		0.43	1.02	6%
9-Aug	24.0	9	0.38	1.25	10%	12.9	0	0.00	8.00	29%	25.7	14	0.54	1.57	10%
10-Aug	24.0	3	0.13	1.38	11%	No Fishing		0.33	8.33	31%	12.5	21	1.68	3.25	20%
11-Aug	24.0	0	0.00	1.38	11%	12.2	8	0.66	8.99	33%	No Fishing		0.84	4.09	25%
12-Aug	24.0	3	0.13	1.50	12%	12.5	17	1.36	10.35	38%	1.3	0	0.00	4.09	25%
13-Aug	24.0	3	0.13	1.63	13%	No Fishing		1.41	11.76	43%	No Fishing		0.56	4.65	29%
14-Aug	24.0	5	0.21	1.83	15%	No Fishing		1.41	13.17	48%	10.7	12	1.12	5.77	36%
15-Aug	24.0	17	0.71	2.54	20%	12.3	18	1.46	14.63	54%	No Fishing		0.64	6.41	39%
16-Aug	24.0	36	1.50	4.04	32%	12.2	5	0.41	15.04	55%	12.2	2	0.16	6.58	40%
17-Aug	24.0	27	1.13	5.17	41%	No Fishing		0.41	15.46	57%	12.3	6	0.49	7.07	43%
18-Aug	24.0	12	0.50	5.67	45%	12.0	5	0.42	15.87	58%	11.8	1	0.08	7.15	44%
19-Aug	24.0	20	0.83	6.50	52%	12.2	1	0.08	15.96	58%	No Fishing		0.31	7.46	46%
20-Aug	24.0	10	0.42	6.92	55%	No Fishing		0.29	16.24	60%	No Fishing		0.31	7.77	48%
21-Aug	24.0	17	0.71	7.63	61%	No Fishing		0.29	16.53	61%	11.2	6	0.54	8.31	51%
22-Aug	24.0	10	0.42	8.04	64%	12.2	6	0.49	17.02	62%	No Fishing		0.35	8.66	53%
23-Aug	24.0	13	0.54	8.58	68%	11.8	2	0.17	17.19	63%	12.0	2	0.17	8.82	54%
24-Aug	24.0	2	0.08	8.67	69%	No Fishing		0.21	17.40	64%	11.5	2	0.17	9.00	55%
25-Aug	24.0	5	0.21	8.88	71%	12.1	3	0.25	17.65	65%	No Fishing		0.30	9.30	57%
26-Aug	24.0	13	0.54	9.42	75%	12.2	0	0.00	17.65	65%	11.5	5	0.43	9.74	60%
27-Aug	24.0	5	0.21	9.63	77%	No Fishing		0.44	18.09	66%	No Fishing		0.22	9.96	61%
28-Aug	24.0	4	0.17	9.79	78%	No Fishing		0.44	18.53	68%	11.9	0	0.00	9.96	61%
29-Aug	24.0	1	0.04	9.83	78%	12.5	11	0.88	19.41	71%	No Fishing		0.17	10.12	62%
30-Aug	24.0	0	0.00	9.83	78%	11.3	5	0.44	19.85	73%	11.9	4	0.34	10.46	64%
31-Aug	24.0	3	0.13	9.96	79%	No Fishing		0.47	20.32	74%	11.7	1	0.09	10.54	65%
1-Sep	24.0	2	0.08	10.04	80%	12.2	6	0.49	20.81	76%	No Fishing		0.25	10.79	66%
2-Sep	24.0	1	0.04	10.08	80%	11.5	2	0.17	20.98	77%	12.3	5	0.41	11.20	69%
3-Sep	24.0	2	0.08	10.17	81%	No Fishing		0.43	21.42	79%	No Fishing		0.36	11.56	71%
4-Sep	24.0	3	0.13	10.29	82%	No Fishing		0.43	21.85	80%	47.9	15	0.31	11.87	73%
5-Sep	24.0	6	0.25	10.54	84%	11.6	8	0.69	22.54	83%	No Fishing		0.39	12.26	75%
6-Sep	24.0	6	0.25	10.79	86%	9.8	3	0.31	22.84	84%	23.8	11	0.46	12.72	78%
7-Sep	24.0	3	0.13	10.92	87%	No Fishing		0.15	23.00	84%	23.7	5	0.21	12.93	80%
8-Sep	24.0	6	0.25	11.17	89%	11.8	0	0.00	23.00	84%	23.8	6	0.25	13.18	81%
9-Sep	24.0	6	0.25	11.42	91%	No Fishing		0.23	23.22	85%	24.2	10	0.41	13.60	84%
10-Sep	24.0	9	0.38	11.79	94%	28.5	13	0.46	23.68	87%	24.2	3	0.12	13.72	84%
11-Sep	24.0	3	0.13	11.92	95%	23.5	14	0.60	24.28	89%	24.2	2	0.08	13.80	85%
12-Sep	24.0	3	0.13	12.04	96%	25.6	8	0.31	24.59	90%	24.1	8	0.33	14.14	87%
13-Sep	24.0	6	0.25	12.29	98%	25.6	5	0.20	24.78	91%	No Fishing		0.47	14.61	90%
14-Sep	24.0	0	0.00	12.29	98%	21.3	6	0.28	25.07	92%	22.7	14	0.62	15.23	94%
15-Sep	24.0	0	0.00	12.29	98%	26.7	7	0.26	25.33	93%	24.2	9	0.37	15.60	96%
16-Sep	24.0	3	0.13	12.42	99%	22.2	5	0.23	25.55	94%	21.0	3	0.14	15.74	97%
17-Sep	24.0	0	0.00	12.42	99%	24.8	10	0.40	25.96	95%	23.9	2	0.08	15.82	97%
18-Sep	24.0	0	0.00	12.42	99%	22.1	15	0.68	26.63	98%	23.0	2	0.09	15.91	98%
19-Sep	24.0	0	0.00	12.42	99%	30.2	4	0.13	26.77	98%	No Fishing		0.08	16.00	98%
20-Sep	24.0	3	0.13	12.54	100%	19.1	0	0.00	26.77	98%	48.9	4	0.08	16.08	99%
21-Sep			0.00	12.54	100%	26.2	4	0.15	26.92	99%	24.0	3	0.13	16.20	100%
22-Sep			0.00	12.54	100%	27.6	6	0.22	27.14	99%	24.2	0	0.00	16.20	100%
23-Sep			0.00	12.54	100%	20.2	2	0.10	27.24	100%	23.4	1	0.04	16.25	100%
24-Sep			0.00	12.54	100%	23.8	1	0.04	27.28	100%			0.00	16.25	100%
Totals	1,272.0	301				623.3	235				656.3	184			
	Mean cumulative proportion date				8/19/81	Mean cumulative proportion date				8/15/82	Mean cumulative proportion date				8/21/83

*counts begin the day the tenth coho was caught

- continued -

Appendix Table 2. (Page 2 of 7).

1984 Coho Salmon*

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

Mean cumulative proportion date 8/6/84

*counts begin the day the tenth coho was caught

1985 Coho Salmon*

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

Mean cumulative proportion date 8/24/85

1986 Coho Salmon*

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

Mean cumulative proportion date 8/6/86

- continued -

Appendix Table 2. (Page 3 of 7).

1987 Coho Salmon[a]						1988 Coho Salmon[a]					1989 Coho Salmon[a]				
Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
22-Jul			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
23-Jul			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
24-Jul			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
25-Jul			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
26-Jul			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
27-Jul			0.00	0.00	0%			0.00	0.00	0%	24.5	5	0.20	0.20	2%
28-Jul			0.00	0.00	0%			0.00	0.00	0%	23.7	1	0.04	0.25	3%
29-Jul			0.00	0.00	0%			0.00	0.00	0%	10.2	2	0.20	0.44	5%
30-Jul			0.00	0.00	0%			0.00	0.00	0%	No Fishing		0.14	0.58	6%
31-Jul			0.00	0.00	0%			0.00	0.00	0%	24.3	2	0.08	0.66	7%
1-Aug			0.00	0.00	0%			0.00	0.00	0%	23.8	4	0.17	0.83	8%
2-Aug			0.00	0.00	0%	24.0	5	0.21	0.21	2%	24.5	5	0.20	1.04	11%
3-Aug			0.00	0.00	0%	24.1	5	0.21	0.42	4%	23.8	3	0.13	1.16	12%
4-Aug			0.00	0.00	0%	23.9	8	0.33	0.75	8%	24.0	5	0.21	1.37	14%
5-Aug			0.00	0.00	0%	24.2	1	0.04	0.79	9%	10.2	5	0.49	1.86	19%
6-Aug	24.3	8	0.33	0.33	5%	10.2	2	0.20	0.99	11%	No Fishing		0.27	2.13	22%
7-Aug	24.1	0	0.00	0.33	5%	No Fishing		0.56	1.55	17%	24.3	1	0.04	2.17	22%
8-Aug	10.4	0	0.00	0.33	5%	23.9	22	0.92	2.47	27%	23.9	4	0.17	2.33	24%
9-Aug	No Fishing		0.14	0.47	7%	24.1	16	0.66	3.13	34%	24.2	6	0.25	2.58	26%
10-Aug	24.2	7	0.29	0.76	12%	No Fishing		0.50	3.63	39%	23.8	6	0.25	2.83	29%
11-Aug	23.8	1	0.04	0.81	12%	47.9	16	0.33	3.96	43%	No Fishing		0.17	3.01	31%
12-Aug	23.9	1	0.04	0.85	13%	23.9	7	0.29	4.26	46%	33.8	3	0.09	3.09	32%
13-Aug	24.3	2	0.08	0.93	14%	9.1	3	0.33	4.59	50%	No Fishing		0.48	3.58	36%
14-Aug	23.9	5	0.21	1.14	17%	No Fishing		0.29	4.88	53%	24.0	21	0.88	4.45	45%
15-Aug	23.8	4	0.17	1.31	20%	16.1	4	0.25	5.12	55%	24.2	14	0.58	5.03	51%
16-Aug	24.8	2	0.08	1.39	21%	12.9	0	0.00	5.12	55%	24.2	10	0.41	5.44	55%
17-Aug	24.2	2	0.08	1.47	22%	12.9	4	0.31	5.43	59%	23.6	7	0.30	5.74	58%
18-Aug	23.8	1	0.04	1.51	23%	12.9	2	0.16	5.59	60%	No Fishing		0.30	6.04	62%
19-Aug	24.0	6	0.25	1.76	27%	No Fishing		0.09	5.68	61%	32.8	10	0.30	6.34	65%
20-Aug	24.2	7	0.29	2.05	31%	33.9	1	0.03	5.71	62%	No Fishing		0.19	6.54	67%
21-Aug	24.0	7	0.29	2.34	36%	No Fishing		0.01	5.73	62%	24.0	2	0.08	6.62	67%
22-Aug	24.0	5	0.21	2.55	39%	24.0	0	0.00	5.73	62%	24.0	4	0.17	6.79	69%
23-Aug	23.9	2	0.08	2.63	40%	24.0	5	0.21	5.93	64%	23.5	5	0.21	7.00	71%
24-Aug	23.9	2	0.08	2.72	41%	24.5	11	0.45	6.38	69%	No Fishing		0.18	7.18	73%
25-Aug	24.2	3	0.12	2.84	43%	23.7	5	0.21	6.59	71%	34.5	5	0.14	7.33	75%
26-Aug	24.1	4	0.17	3.01	46%	23.7	4	0.17	6.76	73%	25.0	4	0.16	7.49	76%
27-Aug	24.0	2	0.08	3.09	47%	9.8	3	0.31	7.07	76%	No Fishing		0.25	7.73	79%
28-Aug	23.9	1	0.04	3.13	48%	No Fishing		0.22	7.28	79%	24.0	8	0.33	8.07	82%
29-Aug	10.8	0	0.00	3.13	48%	24.0	3	0.13	7.41	80%	25.8	9	0.35	8.41	86%
30-Aug	No Fishing		0.31	3.44	52%	24.0	2	0.08	7.49	81%	22.8	4	0.18	8.59	87%
31-Aug	13.1	8	0.61	4.05	62%	24.1	3	0.12	7.62	82%	23.7	4	0.17	8.76	89%
1-Sep	24.2	7	0.29	4.34	66%	24.1	5	0.21	7.82	85%	23.8	6	0.25	9.01	92%
2-Sep	23.9	3	0.13	4.46	68%	23.9	5	0.21	8.03	87%	11.8	1	0.08	9.10	93%
3-Sep	23.9	3	0.13	4.59	70%	10.2	0	0.00	8.03	87%	No Fishing		0.09	9.18	93%
4-Sep	24.1	6	0.25	4.84	73%	No Fishing		0.06	8.10	87%	23.3	2	0.09	9.27	94%
5-Sep	24.8	4	0.16	5.00	76%	23.9	3	0.13	8.22	89%	24.0	2	0.08	9.35	95%
6-Sep	23.5	10	0.43	5.43	82%	23.0	1	0.04	8.27	89%	No Fishing		0.07	9.42	96%
7-Sep	No Fishing		0.53	5.95	90%	25.0	1	0.04	8.31	90%	48.3	3	0.06	9.48	97%
8-Sep	23.8	15	0.63	6.58	100%	24.2	9	0.37	8.68	94%	23.7	2	0.08	9.57	97%
9-Sep			0.00	6.58	100%	24.2	5	0.21	8.88	96%	24.0	2	0.08	9.65	98%
10-Sep			0.00	6.58	100%	24.0	1	0.04	8.93	96%	24.0	2	0.08	9.74	99%
11-Sep			0.00	6.58	100%	No Fishing		0.13	9.05	98%	23.8	0	0.00	9.74	99%
12-Sep			0.00	6.58	100%	48.0	10	0.21	9.26	100%	24.0	2	0.08	9.82	100%
13-Sep			0.00	6.58	100%			0.00	9.26	100%			0.00	9.82	100%
14-Sep			0.00	6.58	100%			0.00	9.26	100%			0.00	9.82	100%
15-Sep			0.00	6.58	100%			0.00	9.26	100%			0.00	9.82	100%
16-Sep			0.00	6.58	100%			0.00	9.26	100%			0.00	9.82	100%
17-Sep			0.00	6.58	100%			0.00	9.26	100%			0.00	9.82	100%
18-Sep			0.00	6.58	100%			0.00	9.26	100%			0.00	9.82	100%
19-Sep			0.00	6.58	100%			0.00	9.26	100%			0.00	9.82	100%
20-Sep			0.00	6.58	100%			0.00	9.26	100%			0.00	9.82	100%
21-Sep			0.00	6.58	100%			0.00	9.26	100%			0.00	9.82	100%
22-Sep			0.00	6.58	100%			0.00	9.26	100%			0.00	9.82	100%
23-Sep			0.00	6.58	100%			0.00	9.26	100%			0.00	9.82	100%
24-Sep			0.00	6.58	100%			0.00	9.26	100%			0.00	9.82	100%
Totals	707.8	128				776.3	172				935.8	151			
	Mean cumulative proportion date				8/30/87	Mean cumulative proportion date				8/13/88	Mean cumulative proportion date				8/15/89

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

- continued -

Appendix Table 2. (Page 4 of 7).

1990 Coho Salmon*

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
22-Jul			0.00	0.00	0%
23-Jul			0.00	0.00	0%
24-Jul			0.00	0.00	0%
25-Jul			0.00	0.00	0%
26-Jul			0.00	0.00	0%
27-Jul			0.00	0.00	0%
28-Jul			0.00	0.00	0%
29-Jul			0.00	0.00	0%
30-Jul			0.00	0.00	0%
31-Jul			0.00	0.00	0%
1-Aug			0.00	0.00	0%
2-Aug			0.00	0.00	0%
3-Aug			0.00	0.00	0%
4-Aug	25.3	6	0.24	0.24	2%
5-Aug	7.5	0	0.00	0.24	2%
6-Aug	No Fishing		0.22	0.45	3%
7-Aug	23.2	10	0.43	0.88	6%
8-Aug	24.0	1	0.04	0.93	7%
9-Aug	24.0	8	0.33	1.26	9%
10-Aug	23.8	8	0.34	1.59	11%
11-Aug	23.8	3	0.13	1.72	12%
12-Aug	11.0	1	0.09	1.81	13%
13-Aug	No Fishing		0.34	2.15	15%
14-Aug	22.0	13	0.59	2.74	20%
15-Aug	24.0	17	0.71	3.45	25%
16-Aug	24.0	12	0.50	3.95	28%
17-Aug	24.0	23	0.96	4.91	35%
18-Aug	24.2	12	0.50	5.41	39%
19-Aug	9.4	5	0.53	5.94	42%
20-Aug	No Fishing		0.48	6.42	46%
21-Aug	23.5	10	0.43	6.84	49%
22-Aug	24.2	17	0.70	7.54	54%
23-Aug	24.6	15	0.61	8.15	58%
24-Aug	23.2	20	0.86	9.02	64%
25-Aug	24.2	8	0.33	9.35	67%
26-Aug	8.5	2	0.24	9.58	68%
27-Aug	No Fishing		0.65	10.23	73%
28-Aug	16.9	18	1.07	11.30	81%
29-Aug	24.0	11	0.46	11.76	84%
30-Aug	24.0	11	0.46	12.21	87%
31-Aug	24.1	5	0.21	12.42	89%
1-Sep	24.0	2	0.08	12.51	89%
2-Sep	9.0	0	0.00	12.51	89%
3-Sep	No Fishing		0.02	12.53	89%
4-Sep	23.7	1	0.04	12.57	90%
5-Sep	23.2	3	0.13	12.70	91%
6-Sep	33.0	6	0.18	12.88	92%
7-Sep	No Fishing		0.20	13.08	93%
8-Sep	No Fishing		0.20	13.27	95%
9-Sep	No Fishing		0.20	13.47	96%
10-Sep	No Fishing		0.20	13.67	98%
11-Sep	14.1	3	0.21	13.88	99%
12-Sep	23.5	2	0.09	13.97	100%
13-Sep	24.0	1	0.04	14.01	100%
14-Sep			0.00	14.01	100%
15-Sep			0.00	14.01	100%
16-Sep			0.00	14.01	100%
17-Sep			0.00	14.01	100%
18-Sep			0.00	14.01	100%
19-Sep			0.00	14.01	100%
20-Sep			0.00	14.01	100%
21-Sep			0.00	14.01	100%
22-Sep			0.00	14.01	100%
23-Sep			0.00	14.01	100%
24-Sep			0.00	14.01	100%
Totals	985.9	254			

Mean cumulative proportion date 8/22/90

*counts begin the day the tenth coho was caught

1991 Coho Salmon*

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
8.1	1	0.12	0.12	1%
No Fishing		0.08	0.21	2%
23.7	1	0.04	0.25	3%
24.0	3	0.13	0.37	4%
24.0	3	0.13	0.50	6%
24.2	12	0.50	0.99	12%
23.8	3	0.13	1.12	13%
9.1	1	0.11	1.23	15%
No Fishing		0.20	1.43	17%
23.9	7	0.29	1.72	20%
24.0	1	0.04	1.77	21%
24.0	1	0.04	1.81	21%
24.0	3	0.13	1.93	23%
24.0	0	0.00	1.93	23%
9.0	0	0.00	1.93	23%
No Fishing		0.11	2.04	24%
23.8	5	0.21	2.25	27%
24.0	2	0.08	2.33	28%
24.0	10	0.42	2.75	32%
24.0	8	0.33	3.08	36%
24.0	5	0.21	3.29	39%
8.5	1	0.12	3.41	40%
No Fishing		0.25	3.66	43%
23.5	9	0.38	4.04	48%
24.0	4	0.17	4.21	50%
24.3	1	0.04	4.25	50%
25.6	1	0.04	4.29	51%
22.5	4	0.18	4.47	53%
8.4	0	0.00	4.47	53%
No Fishing		0.24	4.70	56%
23.4	11	0.47	5.17	61%
24.0	10	0.42	5.59	66%
24.2	13	0.54	6.12	72%
24.0	5	0.21	6.33	75%
23.9	8	0.33	6.67	79%
8.3	6	0.72	7.39	87%
No Fishing		0.53	7.92	94%
24.2	8	0.33	8.25	98%
23.7	5	0.21	8.46	100%
		0.00	8.46	100%
		0.00	8.46	100%
		0.00	8.46	100%
		0.00	8.46	100%
		0.00	8.46	100%
		0.00	8.46	100%
		0.00	8.46	100%
		0.00	8.46	100%
		0.00	8.46	100%
		0.00	8.46	100%
		0.00	8.46	100%
		0.00	8.46	100%
		0.00	8.46	100%
		0.00	8.46	100%
		0.00	8.46	100%
898.5	352			

Mean cumulative proportion date 8/27/91

1992 Coho Salmon*

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
23.8	5	0.21	0.21	1%
23.9	2	0.08	0.29	1%
24.0	2	0.08	0.38	2%
24.0	1	0.04	0.42	2%
24.0	1	0.04	0.46	2%
6.2	2	0.32	0.78	3%
No Fishing		0.18	0.97	4%
23.8	1	0.04	1.01	4%
23.9	2	0.08	1.09	4%
24.0	4	0.17	1.26	5%
24.0	14	0.58	1.84	7%
24.0	11	0.46	2.30	9%
6.8	0	0.00	2.30	9%
No Fishing		0.25	2.55	10%
23.6	12	0.51	3.06	12%
24.0	135	5.63	8.69	35%
7.8	45	5.77	14.46	58%
15.6	27	1.73	16.19	65%
23.9	12	0.50	16.69	67%
6.8	3	0.44	17.13	69%
No Fishing		0.83	17.96	72%
23.8	29	1.22	19.18	77%
24.3	8	0.33	19.51	78%
23.8	14	0.59	20.10	81%
24.0	9	0.38	20.47	82%
24.0	9	0.38	20.85	84%
7.5	1	0.13	20.98	84%
No Fishing		0.19	21.17	85%
24.1	6	0.25	21.42	86%
24.0	4	0.17	21.59	87%
24.0	5	0.21	21.79	87%
24.0	11	0.46	22.25	89%
24.0	5	0.21	22.46	90%
7.2	2	0.28	22.74	91%
No Fishing		0.27	23.01	92%
23.5	6	0.26	23.26	93%
23.7	7	0.30	23.56	95%
24.0	4	0.17	23.72	95%
24.0	2	0.08	23.81	96%
24.1	8	0.33	24.14	97%
7.0	1	0.14	24.28	97%
No Fishing		0.18	24.46	98%
23.6	5	0.21	24.67	99%
24.2	6	0.25	24.92	100%
		0.00	24.92	100%
		0.00	24.92	100%
		0.00	24.92	100%
		0.00	24.92	100%
		0.00	24.92	100%
		0.00	24.92	100%
		0.00	24.92	100%
		0.00	24.92	100%
		0.00	24.92	100%
		0.00	24.92	100%
		0.00	24.92	100%
		0.00	24.92	100%
		0.00	24.92	100%
		0.00	24.92	100%
783.9	425			

Mean cumulative proportion date 8/12/92

- continued -

Appendix Table 2. (Page 5 of 7).

	1993 Coho Salmon*					1994 Coho Salmon*					1995 Coho Salmon*				
Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumul-ative CPUE	Cumulative Proportion	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%
23-Jul			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
24-Jul			0.00	0.00	0%			0.00	0.00	0%			0.00	0.00	0%
25-Jul			0.00	0.00	0%	15.0	6	0.40	0.40	3%			0.00	0.00	0%
26-Jul			0.00	0.00	0%	15.0	2	0.13	0.53	4%			0.00	0.00	0%
27-Jul			0.00	0.00	0%	15.0	1	0.07	0.60	4%			0.00	0.00	0%
28-Jul			0.00	0.00	0%	15.0	4	0.27	0.87	6%			0.00	0.00	0%
29-Jul			0.00	0.00	0%	15.0	1	0.07	0.93	7%			0.00	0.00	0%
30-Jul			0.00	0.00	0%	8.5	1	0.12	1.05	7%			0.00	0.00	0%
31-Jul			0.00	0.00	0%	No Fishing		0.14	1.19	8%			0.00	0.00	0%
1-Aug			0.00	0.00	0%	23.5	4	0.17	1.37	10%			0.00	0.00	0%
2-Aug			0.00	0.00	0%	24.0	1	0.04	1.41	10%			0.00	0.00	0%
3-Aug			0.00	0.00	0%	24.0	7	0.29	1.70	12%	24.0	16	0.67	0.67	7%
4-Aug			0.00	0.00	0%	24.0	5	0.21	1.91	13%	24.0	6	0.25	0.92	10%
5-Aug			0.00	0.00	0%	24.0	4	0.17	2.07	15%	8.0	0	0.00	0.92	10%
6-Aug	24.0	3	0.13	0.13	2%	8.5	1	0.12	2.19	16%	No Fishing		0.10	1.02	11%
7-Aug	8.5	1	0.12	0.24	3%	No Fishing		0.36	2.55	18%	24.0	5	0.21	1.23	13%
8-Aug	No Fishing		0.10	0.34	5%	23.5	14	0.60	3.14	22%	24.0	3	0.13	1.35	15%
9-Aug	24.0	2	0.08	0.43	6%	24.0	9	0.38	3.52	25%	24.0	9	0.38	1.73	19%
10-Aug	24.0	1	0.04	0.47	6%	24.0	22	0.92	4.44	31%	24.0	16	0.67	2.40	26%
11-Aug	24.0	1	0.04	0.51	7%	24.0	6	0.25	4.69	33%	24.0	3	0.13	2.52	28%
12-Aug	24.0	0	0.00	0.51	7%	24.0	4	0.17	4.85	34%	8.0	0	0.00	2.52	28%
13-Aug	24.0	3	0.13	0.63	9%	8.0	2	0.25	5.10	36%	No Fishing		0.69	3.21	35%
14-Aug	8.5	0	0.00	0.63	9%	No Fishing		0.40	5.50	39%	24.0	33	1.38	4.58	50%
15-Aug	No Fishing		0.11	0.74	10%	23.5	13	0.55	6.06	43%	24.0	14	0.58	5.17	57%
16-Aug	23.5	5	0.21	0.95	13%	24.0	10	0.42	6.47	46%	24.0	14	0.58	5.75	63%
17-Aug	24.0	7	0.29	1.25	17%	Flooding		0.00	6.47	46%	24.0	2	0.08	5.83	64%
18-Aug	24.0	16	0.67	1.91	26%			0.00	6.47	46%	24.0	4	0.17	6.00	66%
19-Aug	24.0	6	0.25	2.16	30%			0.00	6.47	46%	8.0	1	0.13	6.13	67%
20-Aug	24.5	11	0.45	2.61	36%			0.00	6.47	46%	No Fishing		0.13	6.25	68%
21-Aug	8.0	1	0.13	2.74	38%			0.00	6.47	46%	24.0	3	0.13	6.38	70%
22-Aug	No Fishing		0.21	2.95	40%	17.5	30	1.71	8.19	58%	24.0	3	0.13	6.50	71%
23-Aug	23.7	7	0.30	3.24	45%	23.5	13	0.55	8.74	62%	24.0	7	0.29	6.79	74%
24-Aug	24.0	5	0.21	3.45	47%	24.0	18	0.75	9.49	67%	24.0	10	0.42	7.21	79%
25-Aug	24.0	11	0.46	3.91	54%	24.0	22	0.92	10.41	74%	24.0	7	0.29	7.50	82%
26-Aug	24.0	7	0.29	4.20	58%	25.0	24	0.96	11.37	80%	8.0	0	0.00	7.50	82%
27-Aug	24.5	9	0.37	4.57	63%	Flooding		0.00	11.37	80%	No Fishing		0.06	7.56	83%
28-Aug	7.5	3	0.40	4.97	68%	Flooding		0.00	11.37	80%	24.0	3	0.13	7.69	84%
29-Aug	No Fishing		0.24	5.21	72%	Flooding		0.00	11.37	80%	24.0	2	0.08	7.77	85%
30-Aug	23.8	2	0.08	5.29	73%	17.0	18	1.06	12.43	88%	24.0	6	0.25	8.02	88%
31-Aug	24.0	6	0.25	5.54	76%	24.0	13	0.54	12.97	92%	24.0	3	0.13	8.15	89%
1-Sep	24.0	4	0.17	5.71	78%	23.5	6	0.26	13.22	94%	24.0	1	0.04	8.19	90%
2-Sep	24.0	5	0.21	5.92	81%	24.0	6	0.25	13.47	95%	8.0	1	0.13	8.31	91%
3-Sep	24.0	5	0.21	6.13	84%	8.0	1	0.13	13.60	96%	No Fishing		0.08	8.40	92%
4-Sep	9.0	2	0.22	6.35	87%	No Fishing		0.19	13.79	98%	24.0	1	0.04	8.44	92%
5-Sep	No Fishing		0.30	6.65	91%	23.5	6	0.26	14.04	99%	24.0	5	0.21	8.65	95%
6-Sep	23.7	9	0.38	7.03	97%	24.0	1	0.04	14.09	100%	24.0	5	0.21	8.85	97%
7-Sep	24.0	1	0.04	7.07	97%	24.5	1	0.04	14.13	100%	24.0	2	0.08	8.94	98%
8-Sep	24.0	5	0.21	7.28	100%			0.00	14.13	100%	24.0	0	0.00	8.94	98%
9-Sep			0.00	7.28	100%			0.00	14.13	100%	8.0	0	0.00	8.94	98%
10-Sep			0.00	7.28	100%			0.00	14.13	100%	No Fishing		0.06	9.00	99%
11-Sep			0.00	7.28	100%			0.00	14.13	100%	24.0	3	0.13	9.13	100%
12-Sep			0.00	7.28	100%			0.00	14.13	100%			0.00	9.13	100%
13-Sep			0.00	7.28	100%			0.00	14.13	100%			0.00	9.13	100%
14-Sep			0.00	7.28	100%			0.00	14.13	100%			0.00	9.13	100%
15-Sep			0.00	7.28	100%			0.00	14.13	100%			0.00	9.13	100%
16-Sep			0.00	7.28	100%			0.00	14.13	100%			0.00	9.13	100%
17-Sep			0.00	7.28	100%			0.00	14.13	100%			0.00	9.13	100%
18-Sep			0.00	7.28	100%			0.00	14.13	100%			0.00	9.13	100%
19-Sep			0.00	7.28	100%			0.00	14.13	100%			0.00	9.13	100%
20-Sep			0.00	7.28	100%			0.00	14.13	100%			0.00	9.13	100%
21-Sep			0.00	7.28	100%			0.00	14.13	100%			0.00	9.13	100%
22-Sep			0.00	7.28	100%			0.00	14.13	100%			0.00	9.13	100%
23-Sep			0.00	7.28	100%			0.00	14.13	100%			0.00	9.13	100%
24-Sep			0.00	7.28	100%			0.00	14.13	100%			0.00	9.13	100%
Totals	617.2	138				669.0	276				730.0	188			
	Mean cumulative proportion date				8/25/93	Mean cumulative proportion date				8/22/94	Mean cumulative proportion date				8/14/95

*counts begin the day the tenth coho was caught

- continued -

Appendix Table 2. (Page 6 of 7).

	1996 Coho Salmon[a]					1997 Coho Salmon[a]					1998 Coho Salmon[a]				
Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
22-Jul	24.0	9	0.38	0.38	1%										
23-Jul	24.0	13	0.54	0.92	3%										
24-Jul	24.0	4	0.17	1.08	3%										
25-Jul	24.0	16	0.67	1.75	5%										
26-Jul	24.0	12	0.50	2.25	6%										
27-Jul	8.0	27	3.38	5.63	16%										
28-Jul	No Fishing		2.65	8.27	23%	24.0	4	0.17	0.17	2%	24.0	4	0.17	0.17	1%
29-Jul	24.0	46	1.92	10.19	28%	24.0	3	0.13	0.29	3%	24.0	5	0.21	0.38	3%
30-Jul	24.0	69	2.88	13.06	36%	24.0	4	0.17	0.46	5%	24.0	0	0.00	0.38	3%
31-Jul	24.0	61	2.54	15.60	43%	24.0	1	0.04	0.50	6%	24.0	0	0.00	0.38	3%
1-Aug	24.0	6	0.25	15.85	44%	24.0	5	0.21	0.71	8%	8.0	2	0.25	0.63	6%
2-Aug	24.0	8	0.33	16.19	45%	8.0	1	0.13	0.83	9%	No Fishing		0.25	0.88	8%
3-Aug	No Fishing		0.54	16.73	47%	No Fishing		0.38	1.21	13%	24.0	6	0.25	1.13	10%
4-Aug	No Fishing		0.54	17.27	48%	24.0	15	0.63	1.83	20%	24.0	6	0.25	1.38	12%
5-Aug	24.0	18	0.75	18.02	50%	24.0	7	0.29	2.13	24%	24.0	7	0.29	1.67	15%
6-Aug	24.0	15	0.63	18.65	52%	24.0	7	0.29	2.42	27%	24.0	6	0.25	1.92	17%
7-Aug	24.0	22	0.92	19.56	55%	24.0	3	0.13	2.54	28%	24.0	4	0.17	2.08	18%
8-Aug	24.0	5	0.21	19.77	55%	24.0	7	0.29	2.83	31%	8.0	5	0.63	2.71	24%
9-Aug	24.0	20	0.83	20.60	57%	8.0	2	0.25	3.08	34%	No Fishing		0.44	3.15	28%
10-Aug	8.0	11	1.38	21.98	61%	No Fishing		0.44	3.52	39%	24.0	6	0.25	3.40	30%
11-Aug	No Fishing		1.02	23.00	64%	24.0	15	0.63	4.15	46%	24.0	2	0.08	3.48	31%
12-Aug	24.0	16	0.67	23.67	66%	24.0	13	0.54	4.69	52%	24.0	2	0.08	3.56	32%
13-Aug	24.0	16	0.67	24.33	68%	24.0	6	0.25	4.94	55%	24.0	6	0.25	3.81	34%
14-Aug	24.0	10	0.42	24.75	69%	24.0	22	0.92	5.85	65%	24.0	14	0.58	4.40	39%
15-Aug	24.0	23	0.96	25.71	72%	24.0	4	0.17	6.02	67%	8.0	4	0.50	4.90	43%
16-Aug	24.0	21	0.88	26.58	74%	8.0	3	0.38	6.40	71%	No Fishing		0.69	5.58	50%
17-Aug	8.0	3	0.38	26.96	75%	No Fishing		0.46	6.85	76%	24.0	21	0.88	6.46	57%
18-Aug	No Fishing		0.54	27.50	77%	24.0	13	0.54	7.40	82%	24.0	6	0.25	6.71	60%
19-Aug	24.0	17	0.71	28.21	79%	24.0	2	0.08	7.48	83%	24.0	8	0.33	7.04	62%
20-Aug	24.0	13	0.54	28.75	80%	24.0	2	0.08	7.56	84%	24.0	8	0.33	7.38	65%
21-Aug	24.0	14	0.58	29.33	82%	24.0	4	0.17	7.73	86%	24.0	4	0.17	7.54	67%
22-Aug	24.0	17	0.71	30.04	84%	24.0	4	0.17	7.90	88%	8.0	4	0.50	8.04	71%
23-Aug	24.0	7	0.29	30.33	85%	8.0	0	0.00	7.90	88%	No Fishing		0.44	8.48	75%
24-Aug	8.0	2	0.25	30.58	85%	No Fishing		0.10	8.00	89%	24.0	9	0.38	8.85	79%
25-Aug	No Fishing		0.79	31.38	87%	24.0	5	0.21	8.21	91%	24.0	5	0.21	9.06	80%
26-Aug	24.0	32	1.33	32.71	91%	24.0	2	0.08	8.29	92%	24.0	7	0.29	9.35	83%
27-Aug	24.0	10	0.42	33.13	92%	24.0	0	0.00	8.29	92%	24.0	2	0.08	9.44	84%
28-Aug	24.0	5	0.21	33.33	93%	24.0	0	0.00	8.29	92%	24.0	3	0.13	9.56	85%
29-Aug	24.0	14	0.58	33.92	95%	24.0	3	0.13	8.42	94%	8.0	2	0.25	9.81	87%
30-Aug	24.0	2	0.08	34.00	95%	8.0	0	0.00	8.42	94%	No Fishing		0.21	10.02	89%
31-Aug	8.0	5	0.63	34.63	97%	No Fishing		0.00	8.42	94%	24.0	4	0.17	10.19	90%
1-Sep	No Fishing		0.38	35.00	98%	16.0	0	0.00	8.42	94%	24.0	2	0.08	10.27	91%
2-Sep	24.0	3	0.13	35.13	98%	No Fishing		0.06	8.48	94%	24.0	4	0.17	10.44	93%
3-Sep	24.0	2	0.08	35.21	98%	16.0	2	0.13	8.60	96%	24.0	3	0.13	10.56	94%
4-Sep	24.0	0	0.00	35.21	98%	24.0	2	0.08	8.69	97%	24.0	4	0.17	10.73	95%
5-Sep	24.0	0	0.00	35.21	98%	24.0	2	0.08	8.77	97%	8.0	0	0.00	10.73	95%
6-Sep	24.0	1	0.04	35.25	98%	8.0	0	0.00	8.77	97%	No Fishing		0.08	10.81	96%
7-Sep	8.0	0	0.00	35.25	98%	No Fishing		0.02	8.79	98%	24.0	4	0.17	10.98	97%
8-Sep	No Fishing		0.04	35.29	98%	24.0	1	0.04	8.83	98%	24.0	2	0.08	11.06	98%
9-Sep	24.0	2	0.08	35.38	99%	24.0	3	0.13	8.96	100%	24.0	5	0.21	11.27	100%
10-Sep	24.0	6	0.25	35.63	99%	24.0	1	0.04	9.00	100%				11.27	100%
11-Sep	24.0	6	0.25	35.88	100%				9.00	100%				11.27	100%
12-Sep			0.00	35.88	100%				9.00	100%				11.27	100%
13-Sep			0.00	35.88	100%				9.00	100%				11.27	100%
14-Sep			0.00	35.88	100%				9.00	100%				11.27	100%
15-Sep			0.00	35.88	100%				9.00	100%				11.27	100%
16-Sep			0.00	35.88	100%				9.00	100%				11.27	100%
17-Sep			0.00	35.88	100%				9.00	100%				11.27	100%
18-Sep			0.00	35.88	100%				9.00	100%				11.27	100%
19-Sep			0.00	35.88	100%				9.00	100%				11.27	100%
20-Sep			0.00	35.88	100%				9.00	100%				11.27	100%
21-Sep			0.00	35.88	100%				9.00	100%				11.27	100%
22-Sep			0.00	35.88	100%				9.00	100%				11.27	100%
23-Sep			0.00	35.88	100%				9.00	100%				11.27	100%
24-Sep			0.00	35.88	100%				9.00	100%				11.27	100%
Totals	960.0	609				960.0	168				960.0	186			
	Mean cumulative proportion date				8/4/96	Mean cumulative proportion date				8/12/97	Mean cumulative proportion date				8/16/98

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

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Appendix Table 2. (Page 7 of 7)

1999 Coho Salmon[a]						Coho Salmon	
Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion	Average Cumulative CPUE 1982-1998	Average Cumulative Proportion 1982-1998
22-Jul	24	1	0.04	0.04	0%	0.03	0%
23-Jul	24	0	0.00	0.04	0%	0.06	0%
24-Jul	8	0	0.00	0.04	0%	0.07	0%
25-Jul	No Fishing		0.00	0.04	0%	0.14	1%
26-Jul	24	0	0.00	0.04	0%	0.19	1%
27-Jul	24	1	0.04	0.08	1%	0.44	2%
28-Jul	24	0	0.00	0.08	1%	0.59	2%
29-Jul	24	0	0.00	0.08	1%	0.75	3%
30-Jul	24	1	0.04	0.13	1%	0.99	4%
31-Jul	8	0	0.00	0.13	1%	1.22	5%
1-Aug	No Fishing		0.08	0.21	2%	1.58	7%
2-Aug	24	4	0.17	0.38	4%	1.87	8%
3-Aug	24	1	0.04	0.42	4%	2.31	11%
4-Aug	24	2	0.08	0.50	5%	2.67	13%
5-Aug	24	2	0.08	0.58	6%	3.03	16%
6-Aug	24	0	0.00	0.58	6%	3.35	18%
7-Aug	8	3	0.38	0.96	9%	3.70	20%
8-Aug	No Fishing		0.25	1.21	12%	4.01	23%
9-Aug	24	3	0.13	1.33	13%	4.33	25%
10-Aug	24	7	0.29	1.63	16%	4.82	29%
11-Aug	24	2	0.08	1.71	16%	5.44	32%
12-Aug	24	6	0.25	1.96	19%	6.02	35%
13-Aug	24	7	0.29	2.25	22%	6.47	38%
14-Aug	8	0	0.00	2.25	22%	7.02	42%
15-Aug	No Fishing		0.27	2.52	24%	7.47	45%
16-Aug	24	13	0.54	3.06	29%	7.82	48%
17-Aug	24	10	0.42	3.48	33%	8.22	51%
18-Aug	24	6	0.25	3.73	36%	8.54	53%
19-Aug	24	6	0.25	3.98	38%	8.85	56%
20-Aug	24	7	0.29	4.27	41%	9.10	58%
21-Aug	8	3	0.38	4.65	44%	9.38	60%
22-Aug	No Fishi		0.40	5.04	48%	9.75	62%
23-Aug	24	10	0.42	5.46	52%	10.00	65%
24-Aug	24	6	0.25	5.71	55%	10.30	67%
25-Aug	24	6	0.25	5.96	57%	10.62	69%
26-Aug	24	6	0.25	6.21	59%	10.95	72%
27-Aug	24	5	0.21	6.42	61%	11.19	73%
28-Aug	8	4	0.50	6.92	66%	11.43	75%
29-Aug	No Fishing		0.44	7.35	70%	11.68	77%
30-Aug	24	9	0.38	7.73	74%	11.93	79%
31-Aug	24	12	0.50	8.23	79%	12.16	81%
1-Sep	24	4	0.17	8.40	80%	12.36	82%
2-Sep	24	7	0.29	8.69	83%	12.54	84%
3-Sep	24	1	0.04	8.73	83%	12.73	85%
4-Sep	8	2	0.25	8.98	86%	12.92	87%
5-Sep	No Fishing		0.23	9.21	88%	13.12	89%
6-Sep	24	5	0.21	9.42	90%	13.32	90%
7-Sep	24	4	0.17	9.58	92%	13.52	92%
8-Sep	24	21	0.88	10.46	100%	13.73	94%
9-Sep						13.90	96%
10-Sep						14.02	96%
11-Sep						14.13	97%
12-Sep						14.21	98%
13-Sep						14.28	98%
14-Sep						14.34	98%
15-Sep						14.39	99%
16-Sep						14.43	99%
17-Sep						14.48	99%
18-Sep						14.54	99%
19-Sep						14.58	100%
20-Sep						14.60	100%
21-Sep						14.62	100%
22-Sep						14.64	100%
23-Sep						14.65	100%
24-Sep						14.66	100%
Totals	896	187					

Mean cumulative proportion date 8/23/99

Appendix Table 3. Test fishing catches of pink salmon in 5 7/8" mesh set gillnet, Unalakleet River, Norton Sound, 1981-1999.

1981 Pink Salmon*

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
14-Jun			0.00	0.00	0%
15-Jun			0.00	0.00	0%
16-Jun			0.00	0.00	0%
17-Jun			0.00	0.00	0%
18-Jun			0.00	0.00	0%
19-Jun			0.00	0.00	0%
20-Jun			0.00	0.00	0%
21-Jun			0.00	0.00	0%
22-Jun			0.00	0.00	0%
23-Jun			0.00	0.00	0%
24-Jun			0.00	0.00	0%
25-Jun			0.00	0.00	0%
26-Jun			0.00	0.00	0%
27-Jun			0.00	0.00	0%
28-Jun			0.00	0.00	0%
29-Jun			0.00	0.00	0%
30-Jun			0.00	0.00	0%
1-Jul			0.00	0.00	0%
2-Jul			0.00	0.00	0%
3-Jul			0.00	0.00	0%
4-Jul			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	13	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	95%
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

*counts begin the day the tenth pink was caught

1982 Pink Salmon*

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
24.0	13	0.54	0.54	0%
No Fishing		0.73	1.27	1%
No Fishing		0.73	2.00	2%
12.0	11	0.92	2.92	2%
No Fishing		0.88	3.79	3%
12.0	10	0.83	4.63	3%
12.0	13	1.08	5.71	4%
No Fishing		2.05	7.76	6%
11.9	36	3.03	10.79	8%
No Fishing		3.04	13.83	10%
12.1	37	3.06	16.89	13%
No Fishing		2.51	19.40	15%
12.2	24	1.97	21.37	16%
12.5	21	1.70	23.07	17%
No Fishing		4.48	27.55	21%
12.0	87	7.25	34.80	26%
No Fishing		5.88	40.68	31%
13.5	61	4.52	45.20	34%
No Fishing		4.93	50.13	38%
12.0	64	5.33	55.46	42%
5.5	63	11.45	66.91	51%
No Fishing		6.39	73.31	55%
9.0	52	5.78	79.09	60%
No Fishing		1.39	76.23	58%
6.5	52	8.00	78.08	59%
No Fishing		2.93	81.01	61%
12.2	49	4.02	85.02	64%
9.0	40	4.44	89.47	68%
No Fishing		4.93	94.40	71%
11.8	64	5.42	99.83	76%
No Fishing		6.05	105.87	80%
12.0	80	6.67	112.54	85%
12.0	53	4.42	116.96	88%
No Fishing		4.28	121.24	92%
11.8	49	4.15	125.39	95%
24.5	37	1.51	126.90	96%
No Fishing		1.07	127.98	97%
No Fishing		1.07	129.05	98%
12.6	8	0.63	129.68	98%
2.5	1	0.40	130.08	98%
No Fishing		0.42	130.50	99%
No Fishing		0.42	130.92	99%
4.6	2	0.43	131.35	99%
No Fishing		0.22	131.57	100%
No Fishing		0.22	131.79	100%
No Fishing		0.22	132.00	100%
4.4	0	0.00	132.00	100%
No Fishing		0.04	132.04	100%
13.2	1	0.08	132.12	100%
7.3	0	0.00	132.12	100%
No Fishing		0.00	132.12	100%
No Fishing		0.00	132.12	100%
12.6	0	0.00	132.12	100%
12.9	0	0.00	132.12	100%
No Fishing		0.00	132.12	100%
12.2	0	0.00	132.12	100%
12.5	0	0.00	132.12	100%
12.0	0	0.00	132.12	100%
12.0	0	0.00	132.12	100%
12.9	1	0.08	132.20	100%
		0.00	132.20	100%
		0.00	132.20	100%
		0.00	132.20	100%
		0.00	132.20	100%
		0.00	132.20	100%
		0.00	132.20	100%
		0.00	132.20	100%
		0.00	132.20	100%
		0.00	132.20	100%
		0.00	132.20	100%
		0.00	132.20	100%
		0.00	132.20	100%
		0.00	132.20	100%
		0.00	132.20	100%
		0.00	132.20	100%
		0.00	132.20	100%
		0.00	132.20	100%
		0.00	132.20	100%
		0.00	132.20	100%
		0.00	132.20	100%
		0.00	132.20	100%
		0.00	132.20	100%
		0.00	132.20	100%
		0.00	132.20	100%
		0.00	132.20	100%
		0.00	132.20	100%
392.6	851			

Mean cumulative proportion date 7/7/82

1983 Pink Salmon*

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
11.5	8	0.70	0.70	1%
No Fishing		1.11	1.81	3%
11.9	19	1.60	3.44	11%
No Fishing		1.05	4.49	16%
11.9	6	0.50	4.99	20%
No Fishing		0.88	5.88	23%
11.9	15	1.26	7.14	28%
12.0	2	0.17	7.30	29%
No Fishing		0.58	7.88	31%
12.1	12	0.99	8.87	35%
No Fishing		1.02	9.90	39%
11.4	12	1.05	10.95	43%
No Fishing		1.35	12.30	48%
11.5	19	1.65	13.95	55%
11.6	15	1.29	15.25	60%
No Fishing		1.20	16.45	64%
11.7	13	1.11	17.56	69%
No Fishing		0.95	18.54	73%
11.8	10	0.85	19.38	76%
No Fishing		0.81	20.19	79%
11.8	9	0.76	20.95	82%
11.5	0	0.00	20.95	82%
No Fishing		0.78	21.71	85%
12.2	19	1.56	23.29	91%
No Fishing		0.87	24.16	95%
11.5	2	0.17	24.33	95%
No Fishing		0.21	24.54	96%
12.0	3	0.25	24.79	97%
11.7	2	0.17	24.96	98%
No Fishing		0.09	25.05	98%
11.7	0	0.00	25.05	98%
No Fishing		0.00	25.05	98%
11.6	0	0.00	25.05	98%
No Fishing		0.00	25.05	98%
12.1	0	0.00	25.05	98%
12.2	0	0.00	25.05	98%
No Fishing		0.04	25.09	98%
11.8	1	0.08	25.17	98%
No Fishing		0.04	25.22	99%
12.8	0	0.00	25.22	99%
No Fishing		0.00	25.22	99%
25.7	0	0.00	25.22	99%
12.5	0	0.00	25.22	99%
No Fishing		0.00	25.22	99%
5.3	0	0.00	25.22	99%
No Fishing		0.03	25.26	99%
10.7	1	0.09	25.36	99%
No Fishing		0.09	25.45	100%
12.2	1	0.08	25.53	100%
		0.00	25.53	100%
		0.00	25.53	100%
		0.00	25.53	100%
		0.00	25.53	100%
		0.00	25.53	100%
		0.00	25.53	100%
		0.00	25.53	100%
		0.00	25.53	100%
		0.00	25.53	100%
		0.00	25.53	100%
		0.00	25.53	100%
		0.00	25.53	100%
		0.00	25.53	100%
		0.00	25.53	100%
		0.00	25.53	100%
		0.00	25.53	100%
		0.00	25.53	100%
		0.00	25.53	100%
		0.00	25.53	100%
		0.00	25.53	100%
		0.00	25.53	100%
		0.00	25.53	100%
		0.00	25.53	100%
334.6	369			

Mean cumulative proportion date 7/12/83

1984 Pink Salmon*

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
24.1	11	0.46	0.46	1%
No Fishing		0.48	0.93	1%
No Fishing		0.48	1.41	2%
24.2	12	0.50	1.90	3%
No Fishing		0.84	2.74	4%
24.5	29	1.18	3.92	6%
No Fishing		1.19	5.11	8%
24.4	29	1.19	6.30	10%
No Fishing		1.46	7.76	12%
No Fishing		1.46	9.21	15%
23.8	41	1.72	10.94	18%
No Fishing		1.53	12.46	20%
24.0	32	1.33	13.80	22%
No Fishing		1.60	15.40	25%
24.1	45	1.87	17.27	28%
No Fishing		2.20	19.46	31%
No Fishing		2.20	21.66	35%
24.1	61	2.53	24.19	39%
No Fishing		2.94	27.13	44%
23.9	81	3.39	30.54	49%
No Fishing		3.71	34.25	55%
24.1	97	4.02	38.28	61%
No Fishing		3.01	41.29	66%
No Fishing		3.01	44.30	71%
24.0	48	2.00	46.30	74%
No Fishing		1.76	48.07	77%
24.2	31	1.53	49.59	80%
No Fishing		1.68	51.28	82%
24.0	44	1.83	53.11	85%
No Fishing		1.96	55.07	88%
No Fishing		1.96	57.03	92%
23.5	49	2.09	59.11	95%
No Fishing		1.29	60.41	97%
23.9	12	0.50	60.91	98%
24.0	15	0.63	61.53	99%
24.1	9	0.37	61.91	99%
11.4	0	0.00	61.91	99%
No Fishing		0.02	61.93	99%
24.6	1	0.04	61.97	100%
2.7	0	0.00	61.97	100%
23.3	2	0.09	62.05	100%
No Fishing		0.04	62.10	100%
4.6	0	0.00	62.10	100%
No Fishing		0.00	62.10	100%
24.0	0	0.00	62.10	100%
24.3	0	0.00	62.10	100%
No Fishing		0.00	62.10	100%
23.3	0	0.00	62.10	100%
No Fishing		0.00	62.10	100%
23.9	0	0.00	62.10	100%
No Fishing		0.00	62.10	100%
No Fishing		0.00	62.10	100%
24.0	2	0.08	62.26	100%
		0.00	62.26	100%
		0.00	62.26	100%
		0.00	62.26	100%
		0.00	62.26	100%
		0.00	62.26	100%
		0.00	62.26	100%
		0.00	62.26	100%
		0.00	62.26	100%
		0.00	62.26	100%
		0.00	62.26	100%
		0.00	62.26	100%
		0.00	62.26	100%
		0.00	62.26	100%
		0.00	62.26	100%
		0.00	62.26	100%
		0.00	62.26	100%
		0.00	62.26	100%
		0.00	62.26	100%
		0.00	62.26	100%
		0.00	62.26	100%
		0.00	62.26	100%
		0.00	62.26	100%
395.0	657.0			

Mean cumulative proportion date 7/12/84

- continued -

Appendix Table 3. (Page 2 of 5).

1985 Pink Salmon[b]

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

Mean cumulative proportion date 7/17/85

1986 Pink Salmon[a]

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
14-Jun			0.00	0.00	0%
15-Jun			0.00	0.00	0%
16-Jun			0.00	0.00	0%
17-Jun			0.00	0.00	0%
18-Jun			0.00	0.00	0%
19-Jun			0.00	0.00	0%
20-Jun			0.00	0.00	0%
21-Jun	23.9	7	0.29	0.29	1%
22-Jun	24.3	13	0.53	0.83	2%
23-Jun	23.9	21	0.88	1.71	4%
24-Jun	23.7	37	1.56	3.27	8%
25-Jun	24.0	51	2.13	5.39	14%
26-Jun	25.0	39	1.56	6.95	18%
27-Jun	24.0	27	1.13	8.08	21%
28-Jun	12.1	8	0.66	8.74	22%
29-Jun	24.0	36	1.50	10.24	26%
30-Jun	24.0	64	2.67	12.91	33%
1-Jul	24.1	75	3.11	16.02	41%
2-Jul	23.9	66	2.76	18.78	48%
3-Jul	24.1	29	1.20	19.98	51%
4-Jul	23.9	28	1.17	21.15	54%
5-Jul	12.2	11	0.90	22.06	56%
6-Jul	24.0	7	0.29	22.35	57%
7-Jul	24.4	2	0.08	22.43	57%
8-Jul	24.5	2	0.08	22.51	57%
9-Jul	23.8	4	0.17	22.68	58%
10-Jul	23.9	3	0.13	22.80	58%
11-Jul	24.2	3	0.12	22.93	58%
12-Jul	12.4	1	0.08	23.01	58%
13-Jul	24.0	2	0.08	23.09	59%
14-Jul	24.6	3	0.12	23.21	59%
15-Jul	23.0	2	0.09	23.30	59%
16-Jul	24.1	3	0.12	23.43	60%
17-Jul	24.0	14	0.58	24.01	61%
18-Jul	26.4	24	0.91	24.92	63%
19-Jul	24.0	21	0.88	25.79	66%
20-Jul	24.0	18	0.75	26.54	67%
21-Jul	24.0	15	0.63	27.17	69%
22-Jul	24.2	13	0.54	27.71	70%
23-Jul	26.0	10	0.37	28.08	71%
24-Jul	12.9	23	1.78	29.86	76%
25-Jul	24.1	41	1.70	31.56	80%
26-Jul	12.0	22	1.83	33.40	85%
27-Jul	24.0	15	0.63	34.02	86%
28-Jul	24.2	7	0.29	34.31	87%
29-Jul	24.2	7	0.29	34.60	88%
30-Jul	23.9	3	0.13	34.73	88%
31-Jul	24.3	10	0.41	35.13	89%
1-Aug	No Fishing		0.49	35.63	91%
2-Aug	No Fishing		0.49	36.12	92%
3-Aug	No Fishing		0.49	36.61	93%
4-Aug	No Fishing		0.49	37.11	94%
5-Aug	24.2	14	0.58	37.69	96%
6-Aug	24.2	6	0.25	37.93	96%
7-Aug	23.7	7	0.30	38.23	97%
8-Aug	24.4	1	0.04	38.27	97%
9-Aug	11.9	2	0.17	38.44	98%
10-Aug	No Fishing		0.21	38.65	98%
11-Aug	24.0	6	0.25	38.90	99%
12-Aug	24.2	2	0.08	38.98	99%
13-Aug	24.0	0	0.00	38.98	99%
14-Aug	24.1	1	0.04	39.02	99%
15-Aug	24.1	3	0.12	39.15	99%
16-Aug	No Fishing		0.08	39.23	100%
17-Aug	24.0	1	0.04	39.27	100%
18-Aug	23.9	0	0.00	39.27	100%
19-Aug	24.1	1	0.04	39.31	100%
20-Aug	24.0	1	0.04	39.35	100%
21-Aug			0.00	39.35	100%
22-Aug			0.00	39.35	100%
23-Aug			0.00	39.35	100%
24-Aug			0.00	39.35	100%
25-Aug			0.00	39.35	100%
26-Aug			0.00	39.35	100%
27-Aug			0.00	39.35	100%
28-Aug			0.00	39.35	100%
29-Aug			0.00	39.35	100%
30-Aug			0.00	39.35	100%
31-Aug			0.00	39.35	100%
1-Sep			0.00	39.35	100%
2-Sep			0.00	39.35	100%
3-Sep			0.00	39.35	100%
Totals	1,258.0	832			

Mean cumulative proportion date 7/3/86

1987 Pink Salmon[a]

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
14-Jun			0.00	0.00	0%
15-Jun			0.00	0.00	0%
16-Jun			0.00	0.00	0%
17-Jun			0.00	0.00	0%
18-Jun			0.00	0.00	0%
19-Jun			0.00	0.00	0%
20-Jun			0.00	0.00	0%
21-Jun			0.00	0.00	0%
22-Jun			0.00	0.00	0%
23-Jun			0.00	0.00	0%
24-Jun			0.00	0.00	0%
25-Jun			0.00	0.00	0%
26-Jun			0.00	0.00	0%
27-Jun			0.00	0.00	0%
28-Jun			0.00	0.00	0%
29-Jun			0.00	0.00	0%
30-Jun			0.00	0.00	0%
1-Jul			0.00	0.00	0%
2-Jul			0.00	0.00	0%
3-Jul			0.00	0.00	0%
4-Jul			0.00	0.00	0%
5-Jul			0.00	0.00	0%
6-Jul			0.00	0.00	0%
7-Jul			0.00	0.00	0%
8-Jul	24.1	2	0.08	0.08	2%
9-Jul	24.0	1	0.04	0.12	3%
10-Jul	24.3	5	0.21	0.33	8%
11-Jul	11.2	1	0.09	0.42	10%
12-Jul	No Fishing		0.07	0.49	12%
13-Jul	23.7	1	0.04	0.53	13%
14-Jul	23.9	0	0.00	0.53	13%
15-Jul	No Fishing		0.10	0.63	15%
16-Jul	48.4	10	0.21	0.84	20%
17-Jul	23.8	2	0.08	0.92	22%
18-Jul	10.9	0	0.00	0.92	22%
19-Jul	No Fishing		0.39	1.32	32%
20-Jul	24.2	19	0.79	2.10	51%
21-Jul	23.8	22	0.92	3.02	74%
22-Jul	24.0	18	0.75	3.77	92%
23-Jul	24.3	3	0.12	3.90	95%
24-Jul	23.8	4	0.17	4.07	99%
25-Jul	10.5	0	0.00	4.07	99%
26-Jul	No Fishing		0.00	4.07	99%
27-Jul	23.4	0	0.00	4.07	99%
28-Jul	24.3	1	0.04	4.11	100%
29-Jul			0.00	4.11	100%
30-Jul			0.00	4.11	100%
31-Jul			0.00	4.11	100%
1-Aug			0.00	4.11	100%
2-Aug			0.00	4.11	100%
3-Aug			0.00	4.11	100%
4-Aug			0.00	4.11	100%
5-Aug			0.00	4.11	100%
6-Aug			0.00	4.11	100%
7-Aug			0.00	4.11	100%
8-Aug			0.00	4.11	100%
9-Aug			0.00	4.11	100%
10-Aug			0.00	4.11	100%
11-Aug			0.00	4.11	100%
12-Aug			0.00	4.11	100%
13-Aug			0.00	4.11	100%
14-Aug			0.00	4.11	100%
15-Aug			0.00	4.11	100%
16-Aug			0.00	4.11	100%
17-Aug			0.00	4.11	100%
18-Aug			0.00	4.11	100%
19-Aug			0.00	4.11	100%
20-Aug			0.00	4.11	100%
21-Aug			0.00	4.11	100%
22-Aug			0.00	4.11	100%
23-Aug			0.00	4.11	100%
24-Aug			0.00	4.11	100%
25-Aug			0.00	4.11	100%
26-Aug			0.00	4.11	100%
27-Aug			0.00	4.11	100%
28-Aug			0.00	4.11	100%
29-Aug			0.00	4.11	100%
30-Aug			0.00	4.11	100%
31-Aug			0.00	4.11	100%
1-Sep			0.00	4.11	100%
2-Sep			0.00	4.11	100%
3-Sep			0.00	4.11	100%
Totals	392.2	89			

Mean cumulative proportion date 7/20/87

1988 Pink Salmon[a]

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
14-Jun			0.00	0.00	0%
15-Jun			0.00	0.00	0%
16-Jun			0.00	0.00	0%
17-Jun			0.00	0.00	0%
18-Jun			0.00	0.00	0%
19-Jun			0.00	0.00	0%
20-Jun	24.3	32	1.32	1.32	3%
21-Jun	23.9	20	0.84	2.15	4%
22-Jun	24.0	35	1.46	3.61	7%
23-Jun	24.2	22	0.91	4.52	9%
24-Jun	23.7	10	0.42	4.94	10%
25-Jun	9.0	16	1.78	6.72	14%
26-Jun	No Fishing		2.01	8.73	18%
27-Jun	24.1	54	2.24	10.97	22%
28-Jun	No Fishing		1.62	12.59	25%
29-Jun	53.0	53	1.00	13.59	27%
30-Jun	19.1	38	1.99	15.58	31%
1-Jul	24.2	72	2.98	18.56	37%
2-Jul	10.3	27	2.62	21.18	43%
3-Jul	No Fishing		2.10	23.27	47%
4-Jul	24.2	38	1.57	24.84	50%
5-Jul	24.0	32	1.33	26.18	53%
6-Jul	24.0	23	0.96	27.13	55%
7-Jul	24.1	29	1.20	28.34	57%
8-Jul	23.9	27	1.13	29.47	60%
9-Jul	11.6	22	1.90	31.36	63%
10-Jul	No Fishing		3.30	34.67	70%
11-Jul	24.4	115	4.71	39.38	80%
12-Jul	23.9	52	2.18	41.56	84%
13-Jul	23.9	36	1.51	43.06	87%
14-Jul	23.9	14	0.59	43.65	88%
15-Jul	24.1	9	0.37	44.02	89%
16-Jul	10.8	7	0.65	44.67	90%
17-Jul	No Fishing		0.61	45.29	91%
18-Jul	24.1	14	0.58	45.87	93%
19-Jul	24.0	12	0.50	46.37	94%
20-Jul	24.0	6	0.25	46.62	94%
21-Jul	24.0	8	0.32	46.94	95%
22-Jul	24.0	6	0.25	47.19	95%
23-Jul	25.4	3	0.12	47.31	96%
24-Jul	No Fishing		0.24	47.54	96%
25-Jul	No Fishing		0.24	47.78	96%
26-Jul	No Fishing		0.24	48.01	97%
27-Jul	22.7	8	0.35	48.37	98%
28-Jul	24.3	5	0.21	48.57	98%
29-Jul	23.6	4	0.17	48.74	98%
30-Jul	11.3	1	0.09	48.83	99%
31-Jul	No Fishing		0.04	48.87	99%
1-Aug	24.0	0	0.00	48.87	99%
2-Aug	24.0	1	0.04	48.92	99%
3-Aug	24.1	1	0.04	48.96	99%
4-Aug	23.9	2	0.08	49.04	99%
5-Aug	24.2	1	0.04	49.08	99%
6-Aug	10.2	1	0.10	49.18	99%
7-Aug	No Fishing		0.09	49.27	99%
8-Aug	23.9	2	0.08	49.35	100%
9-Aug	24.1	1	0.04	49.40	100%
10-Aug	No Fishing		0.04	49.44	100%
11-Aug	47.9	2	0.04	49.48	100%
12-Aug	23.9	0	0.00	49.48	100%
13-Aug	9.1	0	0.00	49.48	100%
14-Aug	No Fishing		0.00	49.48	100%
15-Aug	16.1	0	0.00	49.48	100%
16-Aug	23.9	1	0.04	49.52	100%
17-Aug	23.9	0	0.00	49.52	100%
18-Aug	23.9	0	0.00	49.52	100%
19-Aug	No Fishing		0.00	49.52	100%
20-Aug	33.9	0	0.00	49.52	100%
21-Aug			0.00	49.52	100%
22-Aug			0.00	49.52	100%
23-Aug			0.00	49.52	100%
24-Aug			0.00	49.52	100%
25-Aug			0.00	49.52	100%
26-Aug			0.00	49.52	100%
27-Aug			0.00	49.52	100%
28-Aug			0.00	49.52	100%
29-Aug			0.00	49.52	100%
30-Aug			0.00	49.52	100%
31-Aug			0.00	49.52	100%
1-Sep			0.00	49.52	100%
2-Sep			0.00	49.52	100%
3-Sep			0.00	49.52	100%
Totals	1,131.8	882			

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 -

Appendix 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	24.2	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	24.1	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	13%
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%
23.3	0	0.00	41.47	100%
7.3	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	749			

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%
23.6	5	0.21	0.21	1%
24.0	1	0.04	0.25	1%
24.0	7	0.29	0.53	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%
8.3	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	18.73	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	2	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%
1,028.7	545			

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%
23.7	5	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	2.58	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%
24.3	85	3.44	11.73	12%
23.3	60	2.58	14.31	15%
24.0	67	2.79	17.10	18%
24.1	59	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	75	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	5	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%
7.3	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%
1412.6	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 -

Appendix 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	23.7	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	1,066.3	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	1,008.0	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	1,408.0	2,132			

Mean cumulative proportion date 7/14/96

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

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

- continued -

Appendix Table 3. (Page 5 of 5).

1997 Pink Salmon*						1998 Pink Salmon* 1999 Pink Salmon*									Pink Salmon			
Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion	Even Year Average Cumulative CPUE 1982-1996	Odd Year Average Cumulative CPUE 1983-1997	Even Year Average Cumulative Proportion 1982-1996	Odd Year Average Cumulative Proportion 1983-1997
14-Jun			0.00	0.00	0%			0.00	0.00	0%						0.00	0.00	0%	0%
15-Jun			0.00	0.00	0%			0.00	0.00	0%						0.00	0.00	0%	0%
16-Jun			0.00	0.00	0%			0.00	0.00	0%						0.00	0.00	0%	0%
17-Jun			0.00	0.00	0%			0.00	0.00	0%						0.08	0.00	0%	0%
18-Jun			0.00	0.00	0%			0.00	0.00	0%						0.19	0.00	0%	0%
19-Jun			0.00	0.00	0%			0.00	0.00	0%						0.29	0.00	0%	0%
20-Jun			0.00	0.00	0%			0.00	0.00	0%						0.38	0.00	1%	0%
21-Jun			0.00	0.00	0%			0.00	0.00	0%	19	0	0.00	0.00	0%	0.83	0.00	1%	0%
22-Jun			0.00	0.00	0%			0.00	0.00	0%	24	0	0.00	0.00	0%	1.24	0.00	2%	0%
23-Jun			0.00	0.00	0%			0.00	0.00	0%	24	0	0.00	0.00	0%	1.74	0.00	3%	0%
24-Jun			0.00	0.00	0%			0.00	0.00	0%	24	0	0.00	0.00	0%	2.43	0.00	4%	0%
25-Jun			0.00	0.00	0%			0.00	0.00	0%	24	0	0.00	0.00	0%	3.45	0.01	5%	0%
26-Jun			0.00	0.00	0%			0.00	0.00	0%	24	0	0.00	0.00	0%	5.00	0.01	7%	0%
27-Jun			0.00	0.00	0%	24.0	3	0.13	0.13	0%	24	0	0.00	0.00	0%	6.53	0.01	10%	0%
28-Jun			0.00	0.00	0%	24.0	8	0.33	0.46	2%	24	0	0.00	0.00	0%	7.88	0.01	11%	0%
29-Jun			0.00	0.00	0%	24.0	6	0.25	0.71	3%	24	2	0.08	0.08	1%	8.90	0.13	13%	1%
30-Jun			0.00	0.00	0%	24.0	12	0.50	1.21	5%	24	0	0.00	0.08	1%	10.33	0.33	16%	3%
1-Jul			0.00	0.00	0%	24.0	17	0.71	1.92	7%	24	1	0.04	0.13	1%	12.31	0.61	19%	4%
2-Jul			0.00	0.00	0%	24.0	34	0.58	2.50	10%	24	0	0.00	0.13	1%	14.49	0.78	22%	4%
3-Jul			0.00	0.00	0%	24.0	17	0.71	3.21	12%	24	0	0.00	0.13	1%	16.62	0.89	25%	5%
4-Jul	24.0	4	0.17	0.17	1%	24.0	16	0.67	3.88	15%	24	0	0.00	0.13	1%	18.37	1.05	27%	5%
5-Jul	8.0	1	0.13	0.29	1%	24.0	23	0.96	4.83	19%	24	3	0.13	0.25	2%	20.26	1.32	30%	7%
6-Jul	No Fishing		0.15	0.44	2%	24.0	41	1.71	6.54	25%	24	0	0.00	0.25	2%	22.48	1.47	33%	9%
7-Jul	24.0	4	0.17	0.60	2%	24.0	20	0.83	7.38	29%	24	1	0.04	0.29	2%	23.32	1.65	36%	11%
8-Jul	24.0	7	0.29	0.90	4%	24.0	15	0.63	8.00	32%	24	1	0.04	0.33	2%	27.45	1.92	38%	14%
9-Jul	24.0	2	0.08	0.98	4%	24.0	13	0.54	8.54	33%	24	5	0.21	0.54	3%	29.42	2.24	41%	16%
10-Jul	24.0	2	0.08	1.06	4%	24.0	39	1.63	10.17	39%	24	2	0.08	0.63	4%	32.17	2.62	43%	18%
11-Jul	24.0	4	0.17	1.23	5%	8.0	19	2.38	12.54	49%	24	3	0.13	0.75	5%	34.67	3.01	50%	20%
12-Jul	8.0	4	0.50	1.73	7%	No Fishing		1.92	14.46	56%	24	13	0.54	1.29	8%	37.30	3.57	53%	23%
13-Jul	No Fishing		0.52	2.25	9%	24.0	35	1.46	15.92	62%	24	22	0.92	2.21	13%	40.35	4.09	57%	26%
14-Jul	24.0	13	0.54	2.79	11%	24.0	20	0.83	16.75	65%	24	24	1.00	3.21	20%	42.83	4.69	61%	28%
15-Jul	24.0	14	0.58	3.38	14%	24.0	19	0.79	17.54	68%	24	15	0.63	3.83	23%	45.40	5.42	64%	32%
16-Jul	24.0	23	0.96	4.33	17%	24.0	26	1.08	18.63	72%	24	18	0.75	4.58	28%	47.94	7.05	68%	37%
17-Jul	24.0	27	1.13	5.46	22%	24.0	15	0.63	19.25	75%	8	0	0.00	4.58	28%	50.05	8.30	71%	43%
18-Jul	24.0	24	1.00	6.46	26%	8.0	6	1.00	20.25	79%	No Fishing		0.00	4.58	28%	52.48	9.37	74%	49%
19-Jul	8.0	13	1.63	8.08	32%	No Fishing		0.83	21.08	82%	24	0	0.00	4.58	28%	54.79	10.77	77%	53%
20-Jul	No Fishing		1.48	9.56	38%	24.0	16	0.67	21.75	84%	24	47	1.96	6.54	40%	57.00	12.08	80%	58%
21-Jul	24.0	32	1.33	10.90	44%	24.0	8	0.33	22.08	86%	24	19	0.79	7.33	45%	59.08	13.40	83%	65%
22-Jul	24.0	32	1.33	12.23	49%	24.0	5	0.21	22.29	88%	24	28	1.17	8.50	52%	60.49	14.74	85%	72%
23-Jul	24.0	40	1.67	13.90	56%	24.0	3	0.13	22.42	87%	24	12	0.50	9.00	55%	61.51	15.73	87%	75%
24-Jul	24.0	28	1.17	15.06	60%	24.0	5	0.21	22.63	88%	8	1	0.13	9.13	56%	62.46	16.30	88%	78%
25-Jul	24.0	32	1.33	16.40	66%	8.0	1	0.13	22.75	88%	No Fishing		0.10	9.23	56%	63.42	16.78	90%	79%
26-Jul	8.0	10	1.25	17.65	71%	No Fishing		0.19	22.94	89%	24	2	0.08	9.31	57%	64.18	17.30	91%	81%
27-Jul	No Fishing		1.13	18.77	75%	24.0	6	0.25	23.19	90%	24	8	0.33	9.65	59%	64.84	17.86	92%	82%
28-Jul	24.0	24	1.00	19.77	79%	24.0	1	0.04	23.23	90%	24	11	0.46	10.10	62%	65.32	18.25	93%	84%
29-Jul	24.0	38	1.58	21.27	85%	24.0	4	0.17	23.40	91%	24	8	0.33	10.44	64%	65.81	18.84	94%	86%
30-Jul	24.0	25	1.04	22.31	89%	24.0	8	0.33	23.73	92%	24	7	0.29	10.73	65%	66.19	19.24	94%	88%
31-Jul	24.0	17	0.71	23.02	92%	24.0	1	0.04	23.77	92%	8	5	0.63	11.35	69%	67.15	19.50	95%	89%
1-Aug	24.0	7	0.29	23.31	93%	8.0	0	0.00	23.77	92%	No Fishing		0.63	11.98	73%	67.43	19.73	96%	91%
2-Aug	8.0	2	0.25	23.56	94%	No Fishing		0.10	23.88	93%	24	13	0.63	12.60	77%	67.61	19.98	96%	92%
3-Aug	No Fishing		0.29	23.85	96%	24.0	5	0.21	24.08	93%	24	36	1.50	14.10	86%	67.84	20.38	96%	94%
4-Aug	24.0	10	0.42	24.27	97%	24.0	2	0.08	24.17	94%	24	21	0.88	14.98	91%	68.05	20.67	97%	96%
5-Aug	24.0	8	0.33	24.60	99%	24.0	4	0.17	24.33	94%	24	10	0.42	15.40	94%	68.33	20.82	97%	97%
6-Aug	24.0	6	0.25	24.85	100%	24.0	1	0.04	24.38	95%	24	10	0.42	15.81	96%	68.78	20.95	98%	97%
7-Aug	24.0	0	0.00	24.85	100%	24.0	7	0.29	24.67	96%	8	1	0.13	15.94	97%	69.10	21.03	98%	98%
8-Aug	24.0	1	0.04	24.90	100%	8.0	1	0.13	24.79	96%	No Fishing		0.08	16.02	98%	69.16	21.11	98%	98%
9-Aug	8.0	0	0.00	24.90	100%	No Fishing		0.08	24.88	96%	24	1	0.04	16.06	98%	69.29	21.18	98%	99%
10-Aug	No Fishing		0.00	24.90	100%	24.0	1	0.04	24.92	97%	24	2	0.08	16.15	98%	69.47	21.23	99%	99%
11-Aug	24.0	0	0.00	24.90	100%	24.0	1	0.04	24.96	97%	24	2	0.08	16.23	99%	69.63	21.27	99%	99%
12-Aug	24.0	0	0.00	24.90	100%	24.0	3	0.13	25.08	97%	24	1	0.04	16.27	99%	69.83	21.28	99%	99%
13-Aug	24.0	0	0.00	24.90	100%	24.0	1	0.04	25.13	97%	24	1	0.04	16.31	99%	69.88	21.31	99%	99%
14-Aug	24.0	1	0.04	24.94	100%	24.0	5	0.21	25.33	98%	8	0	0.00	16.31	99%	69.93	21.34	99%	99%
15-Aug	24.0	0	0.00	24.94	100%	8.0	1	0.13	25.46	99%	No Fishing		0.00	16.31	99%	70.00	21.36	99%	100%
16-Aug	8.0	0	0.00	24.94	100%	No Fishing		0.13	25.58	99%	24	0	0.00	16.31	99%	70.07	21.38	100%	100%
17-Aug	No Fishing		0.00	24.94	100%	24.0	7	0.13	25.71	100%	24	2	0.08	16.40	100%	70.15	21.40	100%	100%
18-Aug	24.0	0	0.00	24.94	100%	24.0	2	0.08	25.79	100%	24	0	0.00	16.40	100%	70.18	21.42	100%	100%
19-Aug	24.0	0	0.00	24.94	100%	24.0	0	0.00	25.79	100%	24	0	0.00	16.40	100%	70.20	21.42	100%	100%
20-Aug	24.0	0	0.00	24.94	100%	24.0	0	0.00	25.79	100%	24	0	0.00	16.40	100%	70.21	21.42	100%	100%
21-Aug	24.0	0	0.00	24.94	100%	24.0	0	0.00	25.79	100%	8	0	0.00	16.40	100%	70.23	21.42	100%	100%
22-Aug	24.0	0	0.00	24.94	100%	8.0	0	0.00	25.79	100%	No Fishing		0.00	16.40	100%	70.23	21.43	100%	100%
23-Aug	8.0	0	0.00	24.94	100%	No Fishing		0.00	25.79	100%	24	0	0.00	16.40	100%	70.25	21.43	100%	100%
24-Aug	No Fishing		0.00	24.94	100%	24.0	0	0.00	25.79	100%	24	0	0.00	16.40	100%	70.26	21.43	100%	100%
25-Aug	24.0	0	0.00	24.94	100%	24.0	0	0.00	25.79	100%	24	0	0.00	16.40	100%	70.27	21.43	100%	100%
26-Aug	24.0	0	0.00	24.94	100%	24.0	0	0.00	25.79	100%	24	0	0.00	16.40	100%	70.28	21.43	100%	100%
27-Aug	24.0	0	0.00	24.94	100%	24.0	0	0.00	25.79	100%	24	0	0.00	16.40	100%	70.28	21.43	100%	100%
28-Aug	24.0	0	0.00	24.94	100%	24.0	0	0.00	25.79	100%	8	0	0.00	16.40	100%	70.30	21.43	100%	100%
29-Aug	24.0	0	0.00	24.94	100%	8.0	0	0.00	25.79	100%	No Fishing		0.00	16.40	100%	70.31	21.43	100%	100%
30-Aug	8.0	0	0.00	24.94	100%	No Fishing		0.00	25.79	100%	24	0	0.00	16.40	100%	70.33	21.43	100%	100%
31-Aug	No Fishing		0.00	24.94	100%	24.0	0	0.00	25.79	100%	24	0	0.00	16.40	100%	70.33	21.43	100%	100%
1-Sep	16.0	0	0.00	24.94	100%	24.0	0	0.00	25.79	100%	24	0	0.00	16.40	100%	70.33	21.43	100%	100%
2-Sep	No Fishing		0.00	24.94	100%	24.0	0	0.00	25.79	100%	24	0	0.00	16.40	100%	70.34	21.43	100%	100%
3-Sep	16.0	0	0.00	24.94	100%	24.0	0	0.00	25.79	100%	24	0	0.00	16.40	100%	70.33	21.45	100%	100%
Totals	1,088.0	453				1,356.0	481				1,315.0	380							

Mean cumulative proportion date 7/23/97

Mean cumulative proportion date 7/12/98 Mean date 7/12/99

*counts begin the day the tenth pink was caught

*counts begin the day the tenth pink was caught

Appendix Table 4. Test fishing catches of chum salmon in 5 7/8" mesh set gillnet, Unalakleet River, Norton Sound, 1981-1999.

1981 Chum Salmon[a]

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

1982 Chum Salmon[a]

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
5-Jun					
6-Jun					
7-Jun					
8-Jun			0.00	0.00	0%
9-Jun			0.00	0.00	0%
10-Jun			0.00	0.00	0%
11-Jun			0.00	0.00	0%
12-Jun			0.00	0.00	0%
13-Jun			0.00	0.00	0%
14-Jun			0.00	0.00	0%
15-Jun			0.00	0.00	0%
16-Jun			0.00	0.00	0%
17-Jun			0.00	0.00	0%
18-Jun	24.0	9	0.38	0.38	1%
19-Jun	No Fishing		0.60	0.98	2%
20-Jun	12.0	10	0.83	1.81	3%
21-Jun	No Fishing		0.75	2.56	4%
22-Jun	12.0	8	0.67	3.23	6%
23-Jun	12.0	2	0.17	3.40	6%
24-Jun	No Fishing		0.21	3.61	6%
25-Jun	11.9	3	0.25	3.86	7%
26-Jun	No Fishing		1.08	4.93	9%
27-Jun	12.1	23	1.90	6.83	12%
28-Jun	No Fishing		1.40	8.24	14%
29-Jun	12.2	11	0.90	9.14	16%
30-Jun	13.5	13	0.96	10.10	17%
1-Jul	No Fishing		1.19	11.29	20%
2-Jul	12.0	17	1.42	12.71	22%
3-Jul	No Fishing		1.45	14.16	24%
4-Jul	13.5	20	1.48	15.64	27%
5-Jul	No Fishing		0.91	16.54	29%
6-Jul	12.0	4	0.33	16.88	29%
7-Jul	5.5	12	2.18	19.06	33%
8-Jul	No Fishing		1.59	20.65	36%
9-Jul	No Fishing		1.59	22.24	38%
10-Jul	9.0	9	1.00	23.24	40%
11-Jul	No Fishing		1.73	24.97	43%
12-Jul	6.5	16	2.46	27.43	47%
13-Jul	No Fishing		1.56	28.99	50%
14-Jul	12.2	8	0.66	29.65	51%
15-Jul	9.0	8	0.89	30.54	53%
16-Jul	No Fishing		0.57	31.11	54%
17-Jul	11.8	3	0.25	31.36	54%
18-Jul	No Fishing		0.46	31.82	55%
19-Jul	12.0	8	0.67	32.49	56%
20-Jul	12.0	19	1.58	34.07	59%
21-Jul	No Fishing		1.13	35.20	61%
22-Jul	11.8	8	0.68	35.88	62%
23-Jul	24.5	38	1.55	37.43	65%
24-Jul	No Fishing		1.69	39.12	68%
25-Jul	No Fishing		1.69	40.81	71%
26-Jul	12.6	23	1.83	42.64	74%
27-Jul	2.5	3	1.20	43.84	76%
28-Jul	No Fishing		1.47	45.30	78%
29-Jul	4.6	8	1.74	47.04	81%
30-Jul	No Fishing		1.37	48.41	84%
31-Jul	3.0	3	1.00	49.41	85%
1-Aug	4.4	1	0.23	49.64	86%
2-Aug	No Fishing		0.68	50.32	87%

1983 Chum Salmon[a]

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
5-Jun					
6-Jun					
7-Jun					
8-Jun			0.00	0.00	0%
9-Jun			0.00	0.00	0%
10-Jun			0.00	0.00	0%
11-Jun			0.00	0.00	0%
12-Jun			0.00	0.00	0%
13-Jun			0.00	0.00	0%
14-Jun			0.00	0.00	0%
15-Jun	11.6	4	0.34	0.34	0%
16-Jun	No Fishing		0.30	0.65	1%
17-Jun	11.6	3	0.26	0.91	1%
18-Jun	No Fishing		0.38	1.29	2%
19-Jun	11.8	6	0.51	1.80	2%
20-Jun	No Fishing		0.25	2.05	3%
21-Jun	11.8	0	0.00	2.05	3%
22-Jun	11.7	10	0.85	2.91	4%
23-Jun	No Fishing		0.56	3.46	4%
24-Jun	11.6	3	0.26	3.72	5%
25-Jun	No Fishing		0.59	4.31	5%
26-Jun	11.9	11	0.92	5.24	7%
27-Jun	No Fishing		0.89	6.12	8%
28-Jun	11.8	10	0.85	6.97	9%
29-Jun	11.5	13	1.13	8.10	10%
30-Jun	No Fishing		0.90	9.00	11%
1-Jul	11.9	8	0.67	9.67	12%
2-Jul	No Fishing		1.05	10.73	14%
3-Jul	11.9	17	1.43	12.15	15%
4-Jul	No Fishing		1.26	13.41	17%
5-Jul	11.9	13	1.09	14.51	18%
6-Jul	12.0	17	1.42	15.92	20%
7-Jul	No Fishing		1.00	16.92	21%
8-Jul	12.1	7	0.58	17.50	22%
9-Jul	No Fishing		1.08	18.58	23%
10-Jul	11.4	18	1.58	20.16	25%
11-Jul	No Fishing		1.31	21.47	27%
12-Jul	11.5	12	1.04	22.51	28%
13-Jul	11.6	37	3.19	25.70	32%
14-Jul	No Fishing		2.28	27.98	35%
15-Jul	11.7	16	1.37	29.35	37%
16-Jul	No Fishing		2.00	31.34	39%
17-Jul	11.8	31	2.63	33.97	43%
18-Jul	No Fishing		2.08	36.05	45%
19-Jul	11.8	18	1.53	37.57	47%
20-Jul	11.5	29	2.52	40.10	51%
21-Jul	No Fishing		1.96	42.05	53%
22-Jul	12.2	17	1.39	43.45	55%
23-Jul	No Fishing		1.74	45.19	57%
24-Jul	11.5	24	2.09	47.27	60%
25-Jul	No Fishing		1.84	49.11	62%
26-Jul	12.0	19	1.58	50.69	64%
27-Jul	11.4	11	0.96	51.66	65%
28-Jul	No Fishing		1.08	52.74	67%
29-Jul	11.7	14	1.20	53.93	68%
30-Jul	No Fishing		1.37	55.31	70%
31-Jul	11.6	18	1.55	56.86	72%
1-Aug	No Fishing		1.15	58.01	73%
2-Aug	12.1	9	0.74	58.75	74%

1984 Chum Salmon[a]

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
5-Jun					
6-Jun					
7-Jun					
8-Jun			0.00	0.00	0%
9-Jun			0.00	0.00	0%
10-Jun			0.00	0.00	0%
11-Jun			0.00	0.00	0%
12-Jun			0.00	0.00	0%
13-Jun			0.00	0.00	0%
14-Jun			0.00	0.00	0%
15-Jun			0.00	0.00	0%
16-Jun			0.00	0.00	0%
17-Jun			0.00	0.00	0%
18-Jun			0.00	0.00	0%
19-Jun			0.00	0.00	0%
20-Jun			0.00	0.00	0%
21-Jun			0.00	0.00	0%
22-Jun			0.00	0.00	0%
23-Jun			0.00	0.00	0%
24-Jun			0.00	0.00	0%
25-Jun	24.2	17	0.70	0.70	1%
26-Jun	No Fishing		0.94	1.65	3%
27-Jun	24.5	29	1.18	2.83	5%
28-Jun	No Fishing		1.15	3.97	7%
29-Jun	24.4	27	1.11	5.08	9%
30-Jun	No Fishing		1.37	6.45	12%
1-Jul	No Fishing		1.37	7.83	14%
2-Jul	23.8	39	1.64	9.46	17%
3-Jul	No Fishing		1.47	10.93	20%
4-Jul	24.0	31	1.29	12.22	22%
5-Jul	No Fishing		1.81	14.03	25%
6-Jul	24.1	56	2.32	16.35	29%
7-Jul	No Fishing		2.20	18.55	33%
8-Jul	No Fishing		2.20	20.75	37%
9-Jul	24.1	50	2.07	22.83	41%
10-Jul	No Fishing		1.64	24.47	44%
11-Jul	23.9	29	1.21	25.68	46%
12-Jul	No Fishing		1.15	26.83	48%
13-Jul	24.1	26	1.08	27.91	50%
14-Jul	No Fishing		1.00	28.91	52%
15-Jul	No Fishing		1.00	29.90	54%
16-Jul	24.0	22	0.92	30.82	55%
17-Jul	No Fishing		0.91	31.73	57%
18-Jul	24.2	22	0.91	32.64	59%
19-Jul	No Fishing		1.04	33.68	61%
20-Jul	24.0	28	1.17	34.85	63%
21-Jul	No Fishing		0.90	35.75	64%
22-Jul	No Fishing		0.90	36.65	66%
23-Jul	23.5	15	0.64	37.29	67%
24-Jul	No Fishing		0.44	37.73	68%
25-Jul	23.9	6	0.25	37.98	68%
26-Jul	No Fishing		0.46	38.44	69%
27-Jul	24.1	16	0.66	39.11	70%
28-Jul	11.4	3	0.26	39.37	71%
29-Jul	No Fishing		0.74	40.11	72%
30-Jul	24.6	30	1.22	41.33	74%
31-Jul	No Fishing		0.76	42.09	76%
1-Aug	23.3	7	0.30	42.39	76%
2-Aug	No Fishing		0.58	42.98	77%

1985 Chum Salmon[a]

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
5-Jun					
6-Jun					
7-Jun					
8-Jun			0.00	0.00	0%
9-Jun			0.00	0.00	0%
10-Jun			0.00	0.00	0%
11-Jun			0.00	0.00	0%
12-Jun			0.00	0.00	0%
13-Jun			0.00	0.00	0%
14-Jun			0.00	0.00	0%
15-Jun			0.00	0.00	0%
16-Jun			0.00	0.00	0%
17-Jun			0.00	0.00	0%
18-Jun			0.00	0.00	0%
19-Jun			0.00	0.00	0%
20-Jun			0.00	0.00	0%
21-Jun			0.00	0.00	0%
22-Jun			0.00	0.00	0%
23-Jun			0.00	0.00	0%
24-Jun	23.9	17	0.71	0.71	2%
25-Jun	25.3	22	0.87	1.58	4%
26-Jun	23.0	32	1.39	2.97	7%
27-Jun	25.5	22	0.86	3.83	9%
28-Jun	23.7	19	0.80	4.64	10%
29-Jun	24.1	29	1.20	5.84	13%
30-Jun	23.7	37	1.56	7.40	17%
1-Jul	9.8	20	2.04	9.44	21%
2-Jul	7.0	34	4.86	14.30	32%
3-Jul	24.0	38	1.58	15.88	35%
4-Jul	23.8	36	1.51	17.39	39%
5-Jul	23.9	19	0.79	18.19	41%
6-Jul	9.2	7	0.76	18.95	42%
7-Jul	No Fishing		1.20	20.15	45%
8-Jul	23.2	38	1.64	21.79	49%
9-Jul	24.1	58	2.41	24.19	54%
10-Jul	23.9	34	1.42	25.62	57%
11-Jul	24.1	38	1.58	27.19	61%
12-Jul	24.4	22	0.90	28.10	63%
13-Jul	8.6	9	1.05	29.14	65%
14-Jul	No Fishing		1.04	30.18	67%
15-Jul	24.3	25	1.03	31.21	70%
16-Jul	23.9	3	0.13	31.33	70%
17-Jul	24.1	11	0.45	31.79	71%
18-Jul	33.8	20	0.59	32.38	72%
19-Jul	24.1	8	0.33	32.71	73%
20-Jul	No Fishing		0.60	33.31	74%
21-Jul	No Fishing		0.60	33.91	76%
22-Jul	24.2	21	0.87	34.78	78%
23-Jul	24.9	13	0.52	35.30	79%
24-Jul	23.1	10	0.43	35.73	80%
25-Jul	23.7	19	0.80	36.54	82%
26-Jul	24.6	8	0.33	36.86	82%
27-Jul	7.4	1	0.14	37.00	83%
28-Jul	No Fishing		0.53	37.52	84%
29-Jul	23.6	22	0.92	38.45	86%
30-Jul	23.9	6	0.25	38.70	86%
31-Jul	33.8	7	0.20	38.90	87%
1-Aug	24.2	7	0.29	39.28	88%
2-Aug	24.3	3	0.12	39.41	88%

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

- continued -

Appendix Table 4. (Page 2 of 8)

1981 Chum Salmon*

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
3-Aug	24.0	12	0.50	30.13	63%
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

*seasons begin the day the tenth chum was caught

1982 Chum Salmon*

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
No Fishing		0.68	51.00	88%
13.2	15	1.14	52.14	90%
7.5	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%
23.3	0	0.00	57.81	100%
25.6	0	0.00	57.81	100%
25.6	0	0.00	57.81	100%
21.3	0	0.00	57.81	100%
26.7	0	0.00	57.81	100%
22.2	0	0.00	57.81	100%
24.8	0	0.00	57.81	100%
22.1	0	0.00	57.81	100%
30.2	0	0.00	57.81	100%
19.1	0	0.00	57.81	100%
26.2	1	0.04	57.85	100%
845.0	340			

Mean cumulative proportion date 7/13/82

1983 Chum Salmon*

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
12.2	17	1.39	60.15	76%
No Fishing		1.04	61.19	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%
1.9	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%
12.5	3	0.24	78.20	99%
No Fishing		0.14	78.34	99%
47.0	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%
23.0	2	0.08	79.20	100%
23.0	0	0.00	79.20	100%
No Fishing		0.00	79.20	100%
48.0	0	0.00	79.20	100%
24.0	2	0.08	79.29	100%
938.8	547			

Mean cumulative proportion date 7/20/83

1984 Chum Salmon*

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
4.6	4	0.87	43.88	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%
23.0	6	0.26	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%
23.0	13	0.57	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%
24.3	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%
23.3	4	0.16	53.36	96%
24.2	3	0.12	53.48	96%
10.7	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%
23.1	1	0.04	55.38	100%
22.0	2	0.09	55.47	100%
17.0	3	0.06	55.53	100%
23.7	0	0.00	55.53	100%
No Fishing		0.02	55.53	100%
No Fishing		0.02	55.57	100%
24.0	1	0.04	55.61	100%
24.0	1	0.04	55.65	100%
		0.00	55.65	100%
		0.00	55.65	100%
		0.00	55.65	100%
1,095.8	608			

Mean cumulative proportion date 7/13/84

1985 Chum Salmon*

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
10.7	1	0.09	39.50	88%
No Fishing		0.09	39.59	88%
23.8	2	0.08	39.67	89%
24.3	1	0.04	39.71	89%
24.0	3	0.13	39.84	89%
24.0	9	0.38	40.21	90%
24.0	13	0.54	40.76	91%
11.0	5	0.45	41.21	92%
No Fishing		0.41	41.62	93%
24.2	9	0.37	42.00	94%
24.0	9	0.38	42.37	95%
23.2	8	0.27	42.64	95%
19.5	11	0.56	43.31	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%
1,637.2	419			

Mean cumulative proportion date 7/9/85

- continued -

Appendix Table 4. (Page 3 of 8).

1986 Chum Salmon*

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
5-Jun					
6-Jun					
7-Jun					
8-Jun			0.00	0.00	0%
9-Jun			0.00	0.00	0%
10-Jun			0.00	0.00	0%
11-Jun			0.00	0.00	0%
12-Jun			0.00	0.00	0%
13-Jun			0.00	0.00	0%
14-Jun			0.00	0.00	0%
15-Jun			0.00	0.00	0%
16-Jun			0.00	0.00	0%
17-Jun			0.00	0.00	0%
18-Jun	24.2	11	0.45	0.45	1%
19-Jun	24.1	4	0.17	0.62	1%
20-Jun	24.0	5	0.21	0.75	2%
21-Jun	23.9	9	0.38	1.12	2%
22-Jun	24.3	9	0.37	1.49	3%
23-Jun	23.9	14	0.59	2.08	4%
24-Jun	23.7	2	0.08	2.16	4%
25-Jun	24.0	5	0.21	2.37	5%
26-Jun	23.0	5	0.22	2.57	5%
27-Jun	24.0	10	0.42	2.99	6%
28-Jun	12.1	13	1.07	4.06	8%
29-Jun	No Fishing		0.72	4.79	10%
30-Jun	24.0	9	0.38	5.16	10%
1-Jul	24.1	9	0.37	5.54	11%
2-Jul	23.9	6	0.25	5.79	12%
3-Jul	23.9	8	0.33	6.12	12%
4-Jul	24.1	10	0.41	6.54	13%
5-Jul	23.9	8	0.33	6.87	14%
6-Jul	12.2	11	0.90	7.77	16%
7-Jul	No Fishing		0.68	8.45	17%
8-Jul	24.4	11	0.45	8.90	18%
9-Jul	24.3	11	0.45	9.35	19%
10-Jul	23.8	14	0.59	9.94	20%
11-Jul	23.9	10	0.42	10.35	21%
12-Jul	24.2	12	0.50	10.85	22%
13-Jul	12.4	10	0.81	11.66	24%
14-Jul	17.0	24	1.41	13.07	26%
15-Jul	24.6	23	0.93	14.00	28%
16-Jul	23.0	20	0.87	14.87	30%
17-Jul	24.1	17	0.71	15.58	31%
18-Jul	24.0	23	0.96	16.54	33%
19-Jul	26.4	40	1.52	18.05	36%
20-Jul	No Fishing		1.67	19.72	40%
21-Jul	No Fishing		1.67	21.39	44%
22-Jul	No Fishing		1.67	23.05	47%
23-Jul	24.2	44	1.82	24.87	50%
24-Jul	26.8	49	1.83	26.70	54%
25-Jul	12.0	26	2.02	28.71	58%
26-Jul	24.1	44	1.83	30.54	62%
27-Jul	12.0	30	2.50	33.04	67%
28-Jul	No Fishing		1.95	34.99	71%
29-Jul	24.2	34	1.40	36.40	74%
30-Jul	24.2	32	1.32	37.72	76%
31-Jul	23.9	36	1.51	39.23	79%
1-Aug	24.3	41	1.67	40.90	83%
2-Aug	No Fishing		1.11	42.00	85%

*counts begin the day the tenth chum was caught

1987 Chum Salmon*

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
5-Jun					
6-Jun					
7-Jun					
8-Jun			0.00	0.00	0%
9-Jun			0.00	0.00	0%
10-Jun			0.00	0.00	0%
11-Jun			0.00	0.00	0%
12-Jun			0.00	0.00	0%
13-Jun			0.00	0.00	0%
14-Jun			0.00	0.00	0%
15-Jun			0.00	0.00	0%
16-Jun			0.00	0.00	0%
17-Jun			0.00	0.00	0%
18-Jun	24.3	9	0.37	0.37	1%
19-Jun	23.7	2	0.08	0.45	2%
20-Jun	23.6	2	0.08	0.54	2%
21-Jun	11.8	0	0.00	0.54	2%
22-Jun	No Fishing		0.06	0.60	2%
23-Jun	23.6	3	0.13	0.73	2%
24-Jun	23.9	2	0.08	0.81	3%
25-Jun	24.0	7	0.29	1.11	4%
26-Jun	24.1	11	0.46	1.56	5%
27-Jun	24.2	10	0.42	1.98	7%
28-Jun	No Fishing		0.38	2.36	8%
29-Jun	48.0	17	0.35	2.71	9%
30-Jun	24.0	12	0.48	3.19	11%
1-Jul	24.1	9	0.37	3.57	12%
2-Jul	23.7	6	0.25	3.82	13%
3-Jul	24.0	7	0.29	4.11	14%
4-Jul	24.0	2	0.08	4.20	14%
5-Jul	No Fishing		0.31	4.51	15%
6-Jul	27.6	15	0.54	5.05	17%
7-Jul	24.5	9	0.37	5.42	18%
8-Jul	24.0	0	0.00	5.42	18%
9-Jul	24.1	6	0.25	5.67	19%
10-Jul	24.0	18	0.75	6.42	22%
11-Jul	24.3	27	1.11	7.53	25%
12-Jul	24.2	15	0.62	8.15	28%
13-Jul	No Fishing		0.80	8.95	30%
14-Jul	23.3	23	0.99	9.94	34%
15-Jul	23.9	10	0.42	10.36	35%
16-Jul	No Fishing		0.42	10.78	36%
17-Jul	48.4	20	0.41	11.19	38%
18-Jul	23.8	5	0.21	11.40	39%
19-Jul	10.9	1	0.09	11.49	39%
20-Jul	No Fishing		0.25	11.74	40%
21-Jul	24.2	10	0.41	12.15	41%
22-Jul	23.8	18	0.76	12.91	44%
23-Jul	24.0	24	1.00	13.91	47%
24-Jul	24.3	21	0.86	14.78	50%
25-Jul	23.8	23	0.97	15.74	53%
26-Jul	10.5	13	1.24	16.98	57%
27-Jul	No Fishing		0.79	17.77	60%
28-Jul	23.4	8	0.34	18.11	61%
29-Jul	24.3	4	0.16	18.28	62%
30-Jul	23.9	3	0.13	18.40	62%
31-Jul	23.7	10	0.42	18.83	64%
1-Aug	23.9	5	0.21	19.03	64%
2-Aug	No Fishing		0.29	19.33	65%
3-Aug	47.6	18	0.38	19.71	67%

1988 Chum Salmon*

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
5-Jun					
6-Jun					
7-Jun					
8-Jun			0.00	0.00	0%
9-Jun			0.00	0.00	0%
10-Jun			0.00	0.00	0%
11-Jun			0.00	0.00	0%
12-Jun			0.00	0.00	0%
13-Jun			0.00	0.00	0%
14-Jun			0.00	0.00	0%
15-Jun			0.00	0.00	0%
16-Jun			0.00	0.00	0%
17-Jun			0.00	0.00	0%
18-Jun	24.2	4	0.17	0.17	1%
19-Jun	10.5	1	0.10	0.26	1%
20-Jun	No Fishing		0.23	0.49	2%
21-Jun	24.5	9	0.37	0.86	3%
22-Jun	23.9	11	0.46	1.32	4%
23-Jun	24.0	11	0.46	1.78	6%
24-Jun	24.2	10	0.41	2.20	7%
25-Jun	23.7	7	0.30	2.49	8%
26-Jun	9.0	6	0.67	3.16	10%
27-Jun	No Fishing		0.54	3.70	12%
28-Jun	24.1	10	0.41	4.11	14%
29-Jun	No Fishing		0.26	4.38	15%
30-Jun	23.0	6	0.11	4.49	15%
1-Jul	19.1	0	0.00	4.49	15%
2-Jul	24.2	2	0.08	4.57	15%
3-Jul	10.3	0	0.00	4.57	15%
4-Jul	No Fishing		0.19	4.76	16%
5-Jul	24.2	6	0.25	5.13	17%
6-Jul	24.0	9	0.38	5.51	18%
7-Jul	24.0	7	0.29	5.80	19%
8-Jul	24.1	7	0.29	6.09	20%
9-Jul	23.9	10	0.42	6.51	22%
10-Jul	11.6	4	0.34	6.85	23%
11-Jul	No Fishing		0.27	7.13	24%
12-Jul	24.4	5	0.20	7.33	24%
13-Jul	23.9	8	0.33	7.67	25%
14-Jul	23.9	16	0.67	8.34	28%
15-Jul	23.9	20	0.84	9.17	30%
16-Jul	24.1	13	0.54	9.71	32%
17-Jul	10.8	8	0.74	10.45	35%
18-Jul	No Fishing		0.72	11.18	37%
19-Jul	24.1	17	0.71	11.88	39%
20-Jul	24.0	8	0.33	12.21	40%
21-Jul	24.0	7	0.29	12.51	41%
22-Jul	24.2	7	0.29	12.80	42%
23-Jul	24.0	9	0.38	13.17	44%
24-Jul	25.4	6	0.24	13.41	44%
25-Jul	No Fishing		0.89	14.30	47%
26-Jul	No Fishing		0.89	15.19	50%
27-Jul	No Fishing		0.89	16.07	53%
28-Jul	22.7	35	1.54	17.62	58%
29-Jul	24.3	14	0.58	18.19	60%
30-Jul	23.6	28	1.19	19.38	64%
31-Jul	10.5	16	1.55	20.93	69%
1-Aug	No Fishing		1.08	21.99	73%
2-Aug	24.0	13	0.54	22.52	75%
3-Aug	24.8	9	0.36	22.88	76%

1989 Chum Salmon*

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
5-Jun					
6-Jun					
7-Jun					
8-Jun			0.00	0.00	0%
9-Jun			0.00	0.00	0%
10-Jun			0.00	0.00	0%
11-Jun			0.00	0.00	0%
12-Jun			0.00	0.00	0%
13-Jun			0.00	0.00	0%
14-Jun			0.00	0.00	0%
15-Jun	24.0	10	0.42	0.42	1%
16-Jun	23.9	3	0.13	0.54	1%
17-Jun	24.0	6	0.25	0.79	2%
18-Jun	24.0	21	0.88	1.67	4%
19-Jun	24.8	17	0.69	2.35	6%
20-Jun	22.3	9	0.40	2.76	7%
21-Jun	22.8	25	1.10	3.85	9%
22-Jun	24.0	19	0.79	4.64	11%
23-Jun	24.0	10	0.42	5.06	12%
24-Jun	11.0	7	0.64	5.70	14%
25-Jun	No Fishing		0.82	6.52	16%
26-Jun	24.8	25	1.01	7.53	18%
27-Jun	24.0	29	1.21	8.74	21%
28-Jun	24.0	21	0.88	9.61	24%
29-Jun	24.0	17	0.71	10.32	25%
30-Jun	No Fishing		0.55	10.88	27%
1-Jul	24.8	12	0.24	11.19	27%
2-Jul	No Fishing		0.69	11.88	29%
3-Jul	24.1	25	1.04	12.92	32%
4-Jul	24.0	17	0.71	13.63	33%
5-Jul	23.9	14	0.59	14.21	35%
6-Jul	24.1	18	0.75	14.96	37%
7-Jul	24.0	12	0.50	15.46	38%
8-Jul	10.0	12	1.20	16.66	41%
9-Jul	No Fishing		1.14	17.80	44%
10-Jul	24.1	26	1.08	18.88	46%
11-Jul	23.9	16	0.67	19.55	48%
12-Jul	24.0	16	0.67	20.21	50%
13-Jul	24.0	18	0.75	20.96	51%
14-Jul	24.0	26	1.08	22.05	54%
15-Jul	10.2	9	0.88	22.93	56%
16-Jul	No Fishing		0.83	23.76	58%
17-Jul	14.0	13	0.79	24.55	60%
18-Jul	24.2	23	0.95	25.50	63%
19-Jul	24.1	12	0.50	26.00	64%
20-Jul	24.1	9	0.37	26.37	65%
21-Jul	24.0	11	0.46	26.83	66%
22-Jul	10.0	12	1.20	28.03	69%
23-Jul	No Fishing		1.21	29.24	72%
24-Jul	28.8	35	1.22	30.45	75%
25-Jul	18.3	23	1.26	31.71	78%
26-Jul	13.8	24	1.74	33.45	82%
27-Jul	24.5	16	0.65	34.10	84%
28-Jul	23.7	0	0.00	34.10	84%
29-Jul	10.2	5	0.49	34.59	85%
30-Jul	No Fishing		0.62	35.21	86%
31-Jul	24.3	18	0.74	35.95	88%
1-Aug	23.8	12	0.50	36.45	89%
2-Aug	24.5	12	0.49	36.94	91%

1990 Chum Salmon*

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
5-Jun					
6-Jun					
7-Jun					
8-Jun			0.00	0.00	0%
9-Jun			0.00	0.00	0%
10-Jun			0.00	0.00	0%
11-Jun			0.00	0.00	0%
12-Jun			0.00	0.00	0%
13-Jun			0.00	0.00	0%
14-Jun			0.00	0.00	0%
15-Jun			0.00	0.00	0%
16-Jun			0.00	0.00	0%
17-Jun			0.00	0.00	0%
18-Jun	23.7	12	0.51	0.51	3%
19-Jun	23.8	6	0.25	0.76	4%
20-Jun	24.2	3	0.12	0.88	5%
21-Jun	23.8	2	0.08	0.97	5%
22-Jun	24.2	3	0.12	1.09	6%
23-Jun	10.0	3	0.30	1.39	7%
24-Jun	No Fishing		0.35	1.74	9%
25-Jun	30.0	12	0.40	2.14	11%
26-Jun	21.9	5	0.23	2.37	12%
27-Jun	23.8	7	0.29	2.66	14%
28-Jun	23.5	6	0.26	2.92	15%
29-Jun	24.2	4	0.17	3.08	16%
30-Jun	9.3	3	0.32	3.41	18%
1-Jul	No Fishing		0.20	3.61	19%
2-Jul	22.9	2	0.09	3.70	19%
3-Jul	24.3	4	0.16	3.86	20%
4-Jul	24.0	3	0.13	3.99	21%
5-Jul	23.9	4	0.17	4.16	22%
6-Jul	23.8	13	0.55	4.70	25%
7-Jul	9.9	15	1.52	6.22	32%
8-Jul	No Fishing		1.15	7.37	39%
9-Jul	24.1	19	0.79	8.16	43%
10-Jul	23.6	3	0.13	8.29	43%
11-Jul	24.3	3	0.12	8.41	44%
12-Jul	23.9	12	0.50	8.91	47%
13-Jul	23.8	18	0.76	9.67	51%
14-Jul	9.8	4	0.41	10.08	53%
15-Jul	No Fishing		0.42	10.49	55%
16-Jul	23.3	10	0.43	10.92	57%
17-Jul	24.0	7	0.29	11.22	59%
18-Jul	24.0	10	0.42	11.64	61%
19-Jul	23.9	18	0.75	12.39	65%
20-Jul	24.0	20	0.83	13.22	69%
21-Jul	9.7	5	0.52	13.74	72%
22-Jul	No Fishing		0.58	14.32	75%
23-Jul	23.7	6	0.25	14.57	77%
24-Jul	23.9	2	0.08	14.65	77%
25-Jul	24.1	7	0.29	14.94	78%
26-Jul	23.4	4	0.17	15.11	79%
27-Jul	24.4	5	0.21	15.32	80%
28-Jul	7.9	0	0.00	15.32	80%
29-Jul	No Fishing		0.14	15.46	81%
30-Jul	24.3	7	0.29	15.75	82%
31-Jul	24.0	4	0.17	15.92	83%
1-Aug	23.7	4	0.17	16.08	84%
2-Aug	23.9	3	0.13	16.21	85%

Appendix Table 4. (Page 4 of 8).

1986 Chum Salmon[a]

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
3-Aug	No Fishing		1.11	45.11	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	28.7	24	1.01	46.35	94%
8-Aug	24.4	6	0.25	46.60	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	49.48	100%
5-Sep			0.00	49.48	100%
6-Sep			0.00	49.48	100%
7-Sep			0.00	49.48	100%
8-Sep			0.00	49.48	100%
9-Sep			0.00	49.48	100%
10-Sep			0.00	49.48	100%
11-Sep			0.00	49.48	100%
12-Sep			0.00	49.48	100%
13-Sep			0.00	49.48	100%
14-Sep			0.00	49.48	100%
15-Sep			0.00	49.48	100%
16-Sep			0.00	49.48	100%
17-Sep			0.00	49.48	100%
18-Sep			0.00	49.48	100%
19-Sep			0.00	49.48	100%
20-Sep			0.00	49.48	100%
21-Sep			0.00	49.48	100%
Totals	1,454.0	806			

Mean cumulative proportion date 7/23/86

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

1987 Chum Salmon[a]

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
24.0	16	0.67	20.87	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%
23.5	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	698			

Mean cumulative proportion date 7/23/87

1988 Chum Salmon[a]

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
24.1	11	0.46	23.34	77%
23.9	14	0.59	23.93	79%
24.2	8	0.33	24.26	80%
10.2	3	0.29	24.55	81%
No Fishing		0.38	24.93	83%
23.9	11	0.46	25.39	84%
24.1	15	0.62	26.01	86%
No Fishing		0.48	26.49	88%
47.9	16	0.33	26.82	89%
23.9	11	0.46	27.28	90%
9.3	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%
23.9	1	0.03	29.05	96%
No Fishing		0.04	29.09	96%
24.0	1	0.04	29.13	97%
24.0	0	0.00	29.13	97%
24.5	0	0.00	29.13	97%
23.7	5	0.21	29.34	97%
23.7	2	0.08	29.43	98%
9.8	2	0.20	29.63	98%
No Fishing		0.10	29.73	99%
24.0	0	0.00	29.73	99%
24.0	0	0.00	29.73	99%
24.1	1	0.04	29.78	99%
24.1	0	0.00	29.78	99%
23.9	3	0.13	29.90	99%
10.2	1	0.10	30.00	99%
No Fishing		0.05	30.05	100%
23.9	0	0.00	30.05	100%
23.0	1	0.04	30.09	100%
25.0	0	0.00	30.09	100%
24.2	0	0.00	30.09	100%
24.2	2	0.08	30.17	100%
24.0	0	0.00	30.17	100%
No Fishing		0.00	30.17	100%
48.0	0	0.00	30.17	100%
		0.00	30.17	100%
		0.00	30.17	100%
		0.00	30.17	100%
		0.00	30.17	100%
		0.00	30.17	100%
		0.00	30.17	100%
		0.00	30.17	100%
		0.00	30.17	100%
		0.00	30.17	100%
		0.00	30.17	100%
		0.00	30.17	100%
		0.00	30.17	100%
1,418.0	483			

Mean cumulative proportion date 7/23/88

1989 Chum Salmon[a]

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
23.8	9	0.38	37.32	92%
24.0	5	0.21	37.53	92%
10.2	5	0.49	38.02	93%
No Fishing		0.37	38.39	94%
24.3	6	0.25	38.63	95%
23.9	3	0.13	38.76	95%
24.2	2	0.08	38.84	95%
23.8	4	0.17	39.01	96%
No Fishing		0.13	39.14	96%
33.8	3	0.09	39.23	96%
No Fishing		0.23	39.46	97%
24.0	9	0.38	39.83	98%
24.2	4	0.17	40.00	98%
24.2	1	0.04	40.04	98%
23.6	1	0.04	40.08	98%
No Fishing		0.02	40.11	98%
32.8	0	0.00	40.11	98%
No Fishing		0.02	40.13	98%
24.0	1	0.04	40.17	99%
24.0	3	0.13	40.29	99%
23.5	1	0.04	40.34	99%
No Fishing		0.05	40.39	99%
24.5	2	0.06	40.44	99%
25.0	0	0.00	40.44	99%
No Fishing		0.05	40.44	99%
24.0	0	0.00	40.44	99%
23.8	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	739			

Mean cumulative proportion date 7/12/89

1990 Chum Salmon[a]

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
23.5	1	0.04	16.33	90%
7.5	0	0.00	16.33	86%
No Fishing		0.00	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	17.74	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%
29.2	2	0.08	18.15	95%
8.8	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%
1,555.1	337			

Mean cumulative proportion date 7/13/90

- continued -

Appendix Table 4 (Page 5 of 8).

1991 Chum Salmon*

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

*season begins the day the tenth chum was caught

1992 Chum Salmon*

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

1993 Chum Salmon*

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

- continued -

1994 Chum Salmon*

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
		0.00	0.00	0%
18.5	24	1.30	1.30	3%
24.0	45	1.88	3.17	7%
24.0	25	1.04	4.21	9%
24.0	22	0.92	5.13	11%
24.0	16	0.67	5.80	12%
24.0	24	1.00	6.80	14%
24.0	36	1.50	8.30	17%
24.0	36	1.50	9.80	20%
24.0	13	0.54	10.34	21%
24.0	27	0.96	11.30	23%
24.0	36	1.50	12.80	26%
24.0	43	1.79	14.59	30%
24.0	33	1.38	15.96	33%
24.0	25	1.04	17.01	35%
24.0	26	1.08	18.09	37%
24.0	25	1.04	19.13	39%
24.0	23	0.96	20.09	41%
24.0	16	0.67	20.76	43%
24.0	24	1.00	21.76	45%
24.0	31	1.29	23.05	47%
24.0	24	1.00	24.05	49%
15.0	9	0.60	24.65	51%
15.0	18	1.20	25.85	53%
9.0	30	3.33	29.18	60%
No Fishing		2.39	31.53	65%
23.5	32	1.36	32.89	67%
15.0	15	1.00	33.89	70%
15.0	22	1.47	35.36	73%
15.0	4	0.27	35.62	73%
15.0	6	0.40	36.02	74%
8.0	5	0.63	36.65	75%
No Fishing		0.41	37.06	76%
15.0	3	0.20	37.26	76%
15.0	4	0.27	37.53	77%
24.0	13	0.54	38.07	78%
15.0	13	0.87	38.94	80%
15.0	5	0.33	39.27	81%
8.0	5	0.63	39.89	82%
No Fishing		0.58	40.47	83%
15.0	8	0.53	41.01	84%
15.0	6	0.40	41.41	85%
15.0	2	0.13	41.54	85%
15.0	5	0.33	41.87	86%
15.0	0	0.00	41.87	86%
8.5	2	0.24	42.11	86%
No Fishing		0.20	42.31	87%
23.5	4	0.17	42.48	87%
24.0	6	0.25	42.73	88%

1995 Chum Salmon*

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
25.0	7	0.28	0.28	0%
24.0	1	0.04	0.32	1%
9.0	4	0.11	0.43	1%
No Fishing		0.10	0.59	1%
24.0	8	0.21	0.80	1%
24.0	3	0.13	0.93	2%
24.0	4	0.17	1.10	2%
24.0	7	0.29	1.38	2%
24.0	12	0.50	1.88	3%
24.0	12	0.50	2.38	4%
25.0	17	0.68	3.06	5%
23.0	13	0.57	3.63	6%
24.0	18	0.75	4.38	8%
24.0	21	0.88	5.25	9%
24.0	21	0.88	6.13	11%
24.0	22	0.92	7.05	12%
25.0	29	1.16	8.21	14%
23.0	35	1.52	9.73	17%
24.0	54	2.25	11.98	21%
24.0	31	1.29	13.27	23%
24.0	28	1.17	14.44	25%
24.0	20	0.83	15.27	26%
24.0	15	0.63	15.89	27%
9.0	2	0.22	16.12	28%
No Fishing		0.72	16.83	29%
24.0	29	1.21	18.04	31%
24.0	31	1.29	19.33	33%
24.0	41	1.71	21.04	36%
24.0	21	0.88	21.92	38%
24.0	21	0.88	22.79	39%
9.0	10	1.25	24.04	41%
No Fishing		1.08	25.12	43%
24.0	22	0.92	26.04	45%
24.0	21	0.88	26.92	46%
24.0	19	0.79	27.71	48%
24.0	13	0.54	28.25	48%
24.0	11	0.46	28.71	49%
8.5	8	0.94	29.65	51%
No Fishing		0.87	30.52	52%
23.5	19	0.81	31.33	54%
24.0	17	0.71	32.04	55%
24.0	20	0.83	32.87	56%
24.0	18	0.75	33.62	58%
24.0	24	1.00	34.62	59%
8.0	9	1.13	35.75	61%
No Fishing		0.90	36.64	63%
24.0	16	0.67	37.31	64%
24.0	8	0.33	37.64	65%
24.0	9	0.38	38.02	65%
24.0	3	0.13	38.14	65%
24.0	11	0.46	38.60	66%
8.0	14	1.75	40.35	69%
No Fishing		1.50	41.85	72%
24.0	30	1.25	43.10	74%
24.0	17	0.71	43.81	75%
24.0	18	0.75	44.56	76%

Appendix Table 4. (Page 6 of 8).

1991 Chum Salmon*

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
3-Aug	8.1	10	1.23	29.26	72%
4-Aug	No Fishing		1.31	30.57	75%
5-Aug	23.7	33	1.39	31.96	79%
6-Aug	24.0	24	1.00	32.96	81%
7-Aug	24.0	37	1.54	34.50	85%
8-Aug	24.2	19	0.79	35.29	87%
9-Aug	23.8	21	0.88	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	0.22	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	23.6	3	0.12	40.04	99%
30-Aug	23.5	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	23.0	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

*Season begins the day the tenth chum was caught

1992 Chum Salmon*

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
23.8	4	0.17	32.09	71%
23.9	5	0.21	32.30	72%
24.0	2	0.08	32.39	72%
24.0	18	0.75	33.14	74%
24.0	10	0.42	33.55	75%
6.8	6	0.88	34.44	77%
No Fishing		0.80	35.24	78%
23.0	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%
23.0	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	15	0.66	41.41	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		0.19	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*

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

Mean cumulative proportion date 7/30/93

1994 Chum Salmon*

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

Mean cumulative proportion date 7/7/94

1995 Chum Salmon*

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
24.0	19	0.79	43.35	74%
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	92%
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

Appendix Table 4. (Page 7 of 8).

	1996 Chum Salmon*					1997 Chum Salmon*					1998 Chum Salmon*					1999 Chum Salmon*					Chum Salmon		
Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion	Average CPUE 1982-1998	Average Cumulative CPUE 1982-1998	Average Cumulative Proportion 1982-1998
5-Jun	20.0	14	0.70	0.70	1%			0.00	0.00	0%			0.00	0.00	0%						0.20	0.23	0%
6-Jun	24.0	23	0.96	1.66	2%			0.00	0.00	0%			0.00	0.00	0%						0.32	0.55	1%
7-Jun	24.0	19	0.79	2.45	3%			0.00	0.00	0%			0.00	0.00	0%						0.26	0.82	1%
8-Jun	24.0	28	1.17	3.62	4%			0.00	0.00	0%			0.00	0.00	0%						0.09	0.23	0%
9-Jun	24.0	23	0.96	4.58	5%			0.00	0.00	0%			0.00	0.00	0%						0.06	0.29	0%
10-Jun	24.0	19	0.79	5.37	6%			0.00	0.00	0%			0.00	0.00	0%						0.05	0.34	0%
11-Jun	24.0	28	1.17	6.53	7%			0.00	0.00	0%			0.00	0.00	0%						0.08	0.42	0%
12-Jun	24.0	23	0.96	7.49	9%			0.00	0.00	0%			0.00	0.00	0%						0.08	0.50	1%
13-Jun	24.0	9	0.38	7.87	9%			0.00	0.00	0%			0.00	0.00	0%						0.04	0.54	1%
14-Jun	24.0	8	0.33	8.20	9%			0.00	0.00	0%			0.00	0.00	0%						0.05	0.59	1%
15-Jun	24.0	9	0.38	8.58	10%			0.00	0.00	0%			0.00	0.00	0%						0.11	0.70	1%
16-Jun	24.0	31	1.29	9.87	11%	24.0	8	0.33	0.33	1%			0.00	0.00	0%						0.24	0.94	1%
17-Jun	24.0	27	1.13	10.99	13%	24.0	0	0.00	0.33	1%			0.00	0.00	0%						0.29	1.23	2%
18-Jun	24.0	20	0.83	11.83	14%	24.0	7	0.29	0.63	2%			0.00	0.00	0%						0.36	1.58	3%
19-Jun	24.0	28	0.75	12.58	14%	24.0	8	0.38	1.00	3%	24.0	1	0.04	0.04	0%						0.37	1.95	4%
20-Jun	24.0	30	1.25	13.83	16%	24.0	9	0.38	1.38	3%	24.0	3	0.13	0.17	1%						0.35	2.30	4%
21-Jun	24.0	32	0.50	14.33	16%	24.0	7	0.29	1.67	4%	24.0	11	0.46	0.63	2%	19	0	0.00	0.00	0%	0.37	2.67	5%
22-Jun	24.0	11	0.46	14.79	17%	24.0	5	0.21	1.88	5%	24.0	9	0.38	1.00	4%	24	0	0.00	0.00	0%	0.41	3.08	6%
23-Jun	24.0	17	0.71	15.49	18%	24.0	5	0.21	2.08	5%	24.0	10	0.42	1.42	6%	24	0	0.00	0.00	0%	0.40	3.48	7%
24-Jun	24.0	20	0.83	16.33	19%	24.0	7	0.29	2.38	6%	24.0	18	0.75	2.17	9%	24	1	0.04	0.04	0%	0.40	3.88	8%
25-Jun	24.0	21	0.88	17.20	20%	24.0	10	0.42	2.79	7%	24.0	11	0.46	2.63	10%	24	0	0.00	0.04	0%	0.57	4.45	9%
26-Jun	24.0	44	1.83	19.03	22%	24.0	7	0.29	3.08	8%	24.0	13	0.54	3.17	12%	24	2	0.08	0.13	0%	0.82	5.27	11%
27-Jun	24.0	55	2.29	21.33	24%	24.0	10	0.42	3.50	9%	24.0	7	0.29	3.46	14%	24	9	0.38	0.50	1%	0.92	6.19	13%
28-Jun	24.0	49	2.04	23.37	27%	24.0	12	0.50	4.00	10%	24.0	15	0.63	4.08	16%	24	18	0.75	1.25	3%	0.88	7.07	15%
29-Jun	8.0	38	4.25	27.62	32%	24.0	19	0.79	4.79	12%	24.0	13	0.54	4.63	18%	24	13	0.54	1.79	4%	0.92	7.98	17%
30-Jun	No Fishing			27.62	32%	24.0	14	0.58	5.38	14%	24.0	3	0.13	4.75	19%	24	13	0.54	2.33	5%	0.79	8.76	18%
1-Jul	24.0	25	1.04	31.30	36%	24.0	6	0.25	5.63	14%	24.0	4	0.17	4.92	19%	24	18	0.75	3.08	6%	0.65	9.40	19%
2-Jul	24.0	63	2.63	33.93	39%	24.0	5	0.21	5.83	15%	24.0	11	0.46	5.38	21%	24	20	0.83	3.92	8%	0.95	10.36	21%
3-Jul	24.0	43	1.79	35.72	41%	24.0	6	0.25	6.08	15%	24.0	10	0.42	5.79	23%	24	13	0.54	4.46	9%	0.79	11.14	23%
4-Jul	24.0	38	1.58	37.30	43%	24.0	5	0.21	6.29	16%	24.0	7	0.29	6.08	24%	24	21	0.88	5.33	11%	0.80	11.95	24%
5-Jul	24.0	26	1.08	38.39	44%	8.0	2	0.25	6.54	17%	24.0	16	0.67	6.75	27%	24	26	1.08	6.42	13%	0.83	12.78	26%
6-Jul	8.0	19	2.38	40.76	47%	No Fishing		0.40	6.94	18%	24.0	6	0.25	7.00	28%	24	8	0.33	6.75	14%	0.94	13.72	28%
7-Jul	No Fishing		1.29	42.05	48%	24.0	13	0.54	7.48	19%	24.0	6	0.25	7.25	29%	24	17	0.71	7.46	15%	0.92	14.64	30%
8-Jul	24.0	3	0.21	42.26	48%	24.0	27	1.13	8.60	22%	24.0	7	0.29	7.54	30%	24	9	0.38	7.83	16%	0.95	15.59	31%
9-Jul	24.0	6	0.25	42.51	49%	24.0	26	1.08	9.69	25%	24.0	14	0.58	8.13	32%	24	7	0.29	8.13	16%	1.08	16.67	35%
10-Jul	24.0	10	0.42	42.93	49%	24.0	18	0.75	10.44	27%	24.0	4	0.17	8.29	33%	24	16	0.75	8.88	18%	0.85	17.52	37%
11-Jul	24.0	11	0.46	43.39	50%	24.0	25	1.04	11.48	29%	8.0	4	0.50	8.79	35%	24	16	0.58	9.46	19%	0.80	18.32	39%
12-Jul	24.0	22	0.92	44.30	51%	8.0	10	1.25	12.73	32%	No Fishing		0.50	9.29	37%	24	9	0.38	9.83	20%	0.84	19.16	40%
13-Jul	8.0	11	1.38	45.68	52%	No Fishing		1.29	14.02	36%	24.0	12	0.50	9.79	38%	24	8	0.33	10.17	20%	1.06	20.22	42%
14-Jul	No Fishing		1.10	46.78	54%	24.0	32	1.33	15.35	39%	24.0	7	0.29	10.08	40%	24	14	0.58	10.75	22%	0.87	21.10	45%
15-Jul	24.0	20	0.83	47.62	54%	24.0	41	1.71	17.06	43%	24.0	15	0.63	10.71	42%	24	26	1.08	11.83	24%	0.83	21.99	47%
16-Jul	24.0	30	1.25	48.87	56%	24.0	19	0.79	17.81	45%	24.0	12	0.50	11.21	44%	24	13	0.54	12.38	25%	0.74	22.67	48%
17-Jul	24.0	29	1.21	50.08	57%	24.0	27	1.13	18.94	48%	24.0	14	0.58	11.79	46%	8	7	0.88	13.25	27%	0.73	23.41	50%
18-Jul	24.0	28	1.17	51.24	59%	24.0	18	0.75	19.69	50%	8.0	5	0.63	12.42	49%	No Fishing		0.44	13.69	27%	0.78	24.19	52%
19-Jul	24.0	17	0.71	51.95	59%	8.0	11	1.38	21.06	54%	No Fishing		0.40	12.81	50%	24	0	0.00	13.69	27%	0.76	24.95	53%
20-Jul	8.0	8	1.00	52.95	61%	No Fishing		1.19	22.25	57%	24.0	4	0.17	12.98	51%	24	48	2.00	15.69	31%	0.94	25.90	53%
21-Jul	No Fishing		1.23	54.18	62%	24.0	24	1.00	23.25	59%	24.0	8	0.33	13.31	52%	24	15	0.63	16.31	33%	0.86	26.75	55%
22-Jul	24.0	35	1.46	55.64	64%	24.0	14	0.58	23.83	61%	24.0	3	0.13	13.44	53%	24	46	1.92	18.23	37%	0.80	27.55	56%
23-Jul	24.0	59	2.46	58.10	66%	24.0	8	0.33	24.17	61%	24.0	6	0.25	13.69	54%	24	22	0.92	19.15	38%	0.88	28.44	61%
24-Jul	24.0	37	1.54	59.64	68%	24.0	24	1.00	25.17	64%	24.0	10	0.42	14.10	55%	8	11	1.38	20.52	41%	0.89	29.33	63%
25-Jul	24.0	54	2.25	61.89	71%	24.0	33	1.38	26.54	67%	8.0	5	0.63	14.73	58%	No Fishing		1.33	21.85	44%	0.98	30.32	65%
26-Jul	24.0	40	1.67	63.55	73%	8.0	9	1.13	27.67	70%	No Fishing		0.90	15.63	61%	24	31	1.29	23.15	46%	0.94	31.26	67%
27-Jul	8.0	72	9.00	72.55	83%	No Fishing		1.23	28.90	73%	24.0	28	1.17	16.79	66%	24	24	1.00	24.15	48%	1.29	32.55	69%
28-Jul	No Fishing		5.02	77.58	89%	24.0	32	1.33	30.23	77%	24.0	9	0.38	17.17	67%	24	33	1.38	25.52	51%	0.95	33.50	71%
29-Jul	24.0	25	1.04	78.62	90%	24.0	25	1.04	31.27	79%	24.0	15	0.63	17.79	70%	24	19	0.79	26.31	53%	0.86	34.36	73%
30-Jul	24.0	6	0.25	78.87	90%	24.0	16	0.67	31.94	81%	24.0	15	0.63	18.42	72%	24	18	0.75	27.06	54%	0.81	35.17	75%
31-Jul	24.0	12	0.50	79.37	91%	24.0	12	0.50	32.44	82%	24.0	20	0.83	19.25	76%	8	8	1.00	28.06	56%	0.71	35.88	77%
1-Aug	24.0	4	0.17	79.53	91%	24.0	5	0.21	32.65	83%	8.0	5	0.63	19.88	78%	No Fishing		0.90	28.96	58%	0.52	36.40	78%
2-Aug	24.0	9	0.38	79.91	91%	8.0	2	0.25	32.90	84%	No Fishing		0.81	20.19	79%	24	19	0.79	29.75	60%	0.53	36.93	79%

*season begin the day the tenth chum was caught

- continued -

Appendix Table 4. (Page 8 of 8).

1996 Chum Salmon*

Date	Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
3-Aug	No Fishing		0.40	80.30	92%
4-Aug	No Fishing		0.40	80.70	92%
5-Aug	24.0	10	0.42	81.12	93%
6-Aug	24.0	12	0.50	81.62	93%
7-Aug	24.0	8	0.33	81.95	94%
8-Aug	24.0	3	0.13	82.08	94%
9-Aug	24.0	7	0.29	82.37	94%
10-Aug	8.0	2	0.25	82.62	94%
11-Aug	No Fishing		0.19	82.80	95%
12-Aug	24.0	3	0.13	82.93	95%
13-Aug	24.0	4	0.17	83.10	95%
14-Aug	24.0	5	0.21	83.30	95%
15-Aug	24.0	6	0.25	83.55	96%
16-Aug	24.0	6	0.25	83.80	96%
17-Aug	8.0	2	0.25	84.05	96%
18-Aug	No Fishing		0.23	84.28	96%
19-Aug	24.0	5	0.21	84.49	97%
20-Aug	24.0	4	0.17	84.66	97%
21-Aug	24.0	3	0.13	84.78	97%
22-Aug	24.0	6	0.25	85.03	97%
23-Aug	24.0	5	0.21	85.24	97%
24-Aug	8.0	3	0.38	85.62	98%
25-Aug	No Fishing		0.31	85.93	98%
26-Aug	24.0	6	0.25	86.18	99%
27-Aug	24.0	4	0.17	86.35	99%
28-Aug	24.0	2	0.08	86.43	99%
29-Aug	24.0	4	0.17	86.60	99%
30-Aug	24.0	0	0.00	86.60	99%
31-Aug	8.0	0	0.00	86.60	99%
1-Sep	No Fishing		0.06	86.66	99%
2-Sep	24.0	3	0.13	86.78	99%
3-Sep	24.0	0	0.00	86.78	99%
4-Sep	24.0	2	0.08	86.87	99%
5-Sep	24.0	3	0.13	86.99	99%
6-Sep	24.0	2	0.08	87.08	100%
7-Sep	8.0	1	0.13	87.20	100%
8-Sep	No Fishing		0.10	87.30	100%
9-Sep	24.0	2	0.08	87.39	100%
10-Sep	24.0	0	0.00	87.39	100%
11-Sep	24.0	1	0.04	87.43	100%
12-Sep			0.00	87.43	100%
13-Sep			0.00	87.43	100%
14-Sep			0.00	87.43	100%
15-Sep			0.00	87.43	100%
16-Sep			0.00	87.43	100%
17-Sep			0.00	87.43	100%
18-Sep			0.00	87.43	100%
19-Sep			0.00	87.43	100%
20-Sep			0.00	87.43	100%
21-Sep			0.00	87.43	100%
Totals	1,024.0	1,424			

Mean cumulative proportion date 7/11/96

*events begin the day the tenth chum was caught

1997 Chum Salmon*

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

Mean cumulative proportion date 7/18/97

1998 Chum Salmon*

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
24.0	19	0.79	20.98	82%
24.0	9	0.38	21.35	84%
24.0	5	0.21	21.56	85%
24.0	9	0.38	21.94	86%
24.0	6	0.25	22.19	87%
8.0	3	0.38	22.56	89%
No Fishing		0.29	22.85	90%
24.0	5	0.21	23.06	91%
24.0	2	0.08	23.15	91%
24.0	5	0.21	23.35	92%
24.0	6	0.25	23.60	93%
24.0	3	0.13	23.73	93%
8.0	1	0.13	23.85	94%
No Fishing		0.13	23.98	94%
24.0	0	0.00	24.06	95%
24.0	1	0.04	24.10	95%
24.0	2	0.08	24.19	95%
24.0	0	0.00	24.19	95%
24.0	0	0.00	24.19	95%
8.0	0	0.00	24.19	95%
No Fishing		0.00	24.19	95%
24.0	0	0.00	24.19	95%
24.0	2	0.08	24.27	95%
24.0	0	0.00	24.27	95%
24.0	1	0.04	24.31	96%
24.0	0	0.00	24.31	96%
8.0	0	0.00	24.31	96%
No Fishing		0.04	24.35	96%
24.0	2	0.08	24.44	96%
24.0	1	0.04	24.48	96%
24.0	1	0.04	24.52	96%
24.0	3	0.13	24.65	97%
24.0	1	0.04	24.69	97%
8.0	2	0.25	24.94	98%
No Fishing		0.17	25.10	99%
24.0	2	0.08	25.19	99%
24.0	3	0.13	25.31	100%
24.0	2	0.08	25.40	100%
		0.04	25.44	100%
		0.00	25.44	100%
		0.00	25.44	100%
		0.00	25.44	100%
		0.00	25.44	100%
		0.00	25.44	100%
		0.00	25.44	100%
		0.00	25.44	100%
		0.00	25.44	100%
		0.00	25.44	100%
		0.00	25.44	100%
		0.00	25.44	100%
		0.00	25.44	100%
		0.00	25.44	100%
1,032.0	492			

Mean cumulative proportion date 7/19/98

1999 Chum Salmon*

Hours Fished	Catch	Catch per Unit Effort (CPUE)	Cumulative CPUE	Cumulative Proportion
24	14	0.58	30.33	61%
24	21	0.88	31.21	63%
24	10	0.42	31.63	63%
24	13	0.54	32.17	64%
8	5	0.63	32.79	66%
No Fishing		0.81	33.60	67%
24	24	1.00	34.60	69%
24	26	1.08	35.69	72%
24	22	0.92	36.60	73%
24	14	0.58	37.19	75%
24	21	0.88	38.06	76%
8	5	0.63	38.69	78%
No Fishing		0.50	39.19	79%
24	9	0.38	39.56	79%
24	18	0.75	40.31	81%
24	21	0.88	41.19	83%
24	24	1.00	42.19	85%
24	23	0.96	43.15	86%
8	16	2.00	45.15	90%
No Fishing		1.13	46.27	93%
24	6	0.25	46.52	93%
24	10	0.42	46.94	94%
24	7	0.29	47.23	95%
24	6	0.25	47.48	95%
24	7	0.29	47.85	96%
8	3	0.38	48.23	97%
No Fishing		0.33	48.56	97%
24	7	0.29	48.85	98%
24	7	0.29	49.15	98%
24	4	0.17	49.31	99%
24	3	0.13	49.44	99%
24	2	0.08	49.52	99%
8	0	0.00	49.52	99%
No Fishing		0.04	49.56	99%
24	2	0.08	49.65	99%
24	5	0.21	49.85	100%
24	1	0.04	49.90	100%
1,593	956			

Mean cumulative proportion date 7/28/99

Chum Salmon

	Average CPUE 1982-1998	Average Cumulative Catch 1982-1998	Average Cumulative Proportion 1982-1998
	0.59	37.52	80%
	0.55	38.07	82%
	0.48	38.55	83%
	0.53	39.08	84%
	0.56	39.64	85%
	0.47	40.10	86%
	0.41	40.51	87%
	0.36	40.87	88%
	0.29	41.17	89%
	0.31	41.47	89%
	0.43	41.90	90%
	0.37	42.27	91%
	0.30	42.56	92%
	0.27	42.84	92%
	0.29	43.13	93%
	0.27	43.41	94%
	0.22	43.63	94%
	0.21	43.83	95%
	0.16	43.99	95%
	0.15	44.15	96%
	0.20	44.35	96%
	0.24	44.62	97%
	0.19	44.81	97%
	0.15	44.95	97%
	0.15	45.10	98%
	0.08	45.18	98%
	0.08	45.25	98%
	0.08	45.33	98%
	0.07	45.41	98%
	0.07	45.48	99%
	0.09	45.56	99%
	0.12	45.68	99%
	0.07	45.75	99%
	0.07	45.82	99%
	0.06	45.88	100%
	0.05	45.93	100%
	0.06	45.98	100%
	0.03	46.01	100%
	0.02	46.03	100%
	0.01	46.04	100%
	0.02	46.06	100%
	0.01	46.07	100%
	0.01	46.08	100%
	0.00	46.08	100%
	0.00	46.08	100%
	0.01	46.09	100%
	0.00	46.09	100%
	0.00	46.09	100%
	0.00	46.09	100%
	0.01	46.10	100%

Appendix Table 5. Subsistence king salmon catch and effort, Unalakleet River and Unalakleet Subdistrict, Norton Sound 1982-1999.

	1982*			1983*			1984*			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
2-Jun																	
3-Jun																	
4-Jun																	
5-Jun																	
6-Jun																	
7-Jun																	
8-Jun				4	3	0.8											
9-Jun				4	1	0.3											
10-Jun				4	7	1.8											
11-Jun				4	2	0.5											
12-Jun				4	2	0.5											
13-Jun				4	0	0.0											
14-Jun	2	4	2.0	4	1	0.3											
15-Jun	3	0	0.0	4	23	5.8											
16-Jun	4	5	1.3	4	37	9.3											
17-Jun	3	5	1.7	4	25	6.3											
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	79	15.8	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	8
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							2	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																	

* 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

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

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	1991				1992				1993				1994 River				1994 Ocean			1995 River				1995 Ocean		
Date	# of Fishers	# of Kings	Daily Mean Catch	# of Nets Observed	# of Fishers	# of Kings	Daily Mean Catch	# of Nets Observed	# of Fishers	# of Kings	Daily Mean Catch	# of Nets Observed	# of Fishers	# of Kings	Daily Mean Catch	# of 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
2-Jun																										
3-Jun																										
4-Jun																				1	2	2.0		1	3	3.0
5-Jun																				1	4	4.0		1	7	7.0
6-Jun									1	1	1.0												11			
7-Jun									2	11	5.5												11			
8-Jun									6	31	5.2												12			
9-Jun									7	31	4.4												10			
10-Jun									8	55	6.9															
11-Jun	2	0	0.0	5					4	32	8.0															
12-Jun	6	27	4.5	7					2	28	14.0						1	5	5.0				12			
13-Jun	2	6	3.0	6					2	14	7.0						2	10	5.0				11			
14-Jun	4	11	2.8	9					6	57	9.5						2	23	11.5	2	24	12.0	12			
15-Jun	5	34	6.8	11					2	20	10.0		2	11	5.5	10	11	158	14.4	1	9	9.0				
16-Jun	1	10	10.0	7					6	25	4.2		4	43	10.8	10	4	74	18.5	2	5	2.5		1	3	3.0
17-Jun	1	6	6.0	7					3	35	11.7	15	6	50	8.3	16	3	45	15.0	2	4	2.0	13	1	40	40.0
18-Jun	1	4	4.0	4					4	20	5.0	10	7	17	2.4	7				4	2	0.5	3	1	30	30.0
19-Jun	3	1	0.3	12					3	17	5.7	9	2	9	4.5	5				4	24	6.0	9	1	55	55.0
20-Jun	6	13	2.2									1	3	43	14.3	3	1	25	25.0	6	18	3.0	10			
21-Jun	4	4	1.0	8								1	2	33	16.5	2				4	18	4.5	10			
22-Jun	5	12	2.4	10					6	68	11.3	9	4	47	11.8	5				5	32	6.4	10	1	75	75.0
23-Jun				0					5	25	5.0	12	4	26	6.5	6				2	14	7.0	10			
24-Jun	1	0	0.0						6	56	9.3	13	4	13	3.3	7				1	8	8.0	8	1	12	12.0
25-Jun	2	7	3.5	10	2	1	0.5	6	8	51	6.4	14	3	11	3.7	2								1	14	14.0
26-Jun	3	14	4.7		5	0	0.0	13	3	12	4.0	10				2							1			
27-Jun	3	5	1.7	10	9	2	0.2	18				0				4							3			
28-Jun	1	0	0.0	7	4	1	0.3	8	2	13	6.5	3	1	3	3.0	6							4			
29-Jun	3	31	10.3	5	2	5	2.5	10	2	14	7.0	3	3	22	7.3	5				1	10	10.0	8			
30-Jun					2	2	1.0	18	2	8	4.0	5	1	0	0.0	4				1	4	4.0	7			
1-Jul				0	5	4	4.0	11	2	5	2.5	6	2	1	0.5	4							1			
2-Jul				3	1	4	4.0	5				4	1	2	2.0											
3-Jul					2	1	0.5	5				2														
4-Jul					2	0	0.0	3																		
5-Jul					1	8	8.0	2																		
6-Jul					4	13	3.3	3																		
7-Jul					5	6	1.2	5																		
8-Jul					1	0	0.0	2																		
9-Jul					1	0	0.0	2																		
10-Jul					1	0	0.0	4																		
11-Jul								3																		
12-Jul								2																		
13-Jul								2																		
14-Jul								2																		
15-Jul								2																		
16-Jul					1	6	6	7																		
17-Jul								8																		
18-Jul								2																		
19-Jul																										
20-Jul								0																		
21-Jul								1																		
22-Jul								1																		
23-Jul								1																		

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1996[a]	1997 River				1997 Ocean				1998 River				1998 Ocean				1999 River				1999 Ocean		
# of Nets Observed	# of Fishers	# of Kings	Daily Mean Catch	# of Nets Observed	# of Fishers	# of Kings	Daily Mean Catch	# of Nets Observed	# of Fishers	# of Kings	Daily Mean Catch	# of Nets Observed	# of Fishers	# of Kings	Daily Mean Catch	# of Nets Observed	# of Fishers	# of Kings	Daily Mean Catch	# of Nets Observed	# of Fishers	# of Kings	Daily Mean Catch
	11	11	1.0	13	5	6	1.2																
	1	1	1.0	17	3	9	3.0																
	2	2	1.0	18	3	10	3.3																
	2	2	1.0	19	5	23	4.6																
14				21					1	1	1.0	4											
19	2	4	2.0	20	3	19	6.3		2	3	1.5	6	2	6	3.0								
20	1	7	7.0	6	8	83	10.4		1	1	1.0	5	2	3	1.5								
20	2	9	4.5	7	9	136	15.0		1	1	1.0	2	2	5	2.5								
18	2	6	3.0	11	4	43	10.8		3	11	3.7	5	3	6	2.0								
23	4	16	4.0	13	6	169	28.2		3	13	4.3	5	4	13	3.3								
22	2	7	3.5	13	3	37	12.3					8	2	28	14.0								
22				12					4	15	3.8	11	3	37	12.3								
24				11					4	6	1.5	9	4	55	13.8								
				11	5	222	44.4		3	7	2.3	10	3	45	15.0								
	1	47	47.0	3					6	12	2.0	11	3	25	8.3								
	2	55	27.5	4					5	7	1.2	13	2	12	6.0								
9				14					3	4	1.3	11	1	6	6.0								
8	3	31	10.3	10	1	56	56.0					11											
9	2	5	2.5	6								8	1	1	1.0								
9	1	37	37.0	4								1					1	0	0.0				
9				0								8					1	0	0.0				
9				0								8					1	0	0.0				
8				2								4					1	0	0.0				
9				3								2					1	0	0.0		1	7	7.0
8				2								1					3	3	1.0	7	2	6	3.0
7	1	3	3.0	3								2					2	10	5.0		2	9	4.5
				2								0					1	8	8.0	6	3	56	18.7
8				0								1					3	18	8.0	6	8	125	15.6
				0								3					7	25	3.6	11	8	105	13.1
				1								5					4	15	3.8	8	7	84	12.0
												3					5	35	7.0	10	4	34	8.5
												2					6	40	6.7	10	1	4	4.0
																	3	27	9.0	4			
																					5	25	5.0
																	5	13	2.6				
																	7	58	8.3				
																	1	16	16.0				
																	1	4	4.0	6			
																	1	7	7.0		2	21	10.5
																	1	3	3.0		3	18	6.0
																	1	0	0.0				
																	2	5	2.5				
																	4	19	4.8				
																	1	2	2.0				
																	1	7	7.0				

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