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ALASKA PENINSULA AND ALEUTIAN ISLANDS MANAGEMENT AREAS SALMON CATCH, ESCAPEMENT, AND RUN STATISTICS, 1990

By

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and

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ABSTRACT

In 1990, the Alaska Peninsula and Aleutian Islands Management Areas commercial salmon catch was 10,364,494 salmon, consisting of 28,823 chinook (*Oncorhynchus tshawytscha*), 4,813,884 sockeye (*O. nerka*), 3,666,401 pink (*O. gorbuscha*), 1,364,662 chum (*O. keta*), and 500,141 coho (*O. kisutch*) salmon. The South Peninsula accounted for 66% of the total catch, while the North Peninsula and Aleutians accounted for 31% and 3%, respectively.

The Alaska Peninsula and Aleutian Islands Management Areas escapement for 1990 was estimated by aerial surveys and weir counts at Bear, Nelson, Ilnik, and Orzenoi Rivers. Catch statistics are provided for all commercially caught salmon, while age, sex, and length data are provided for sockeye salmon escapement.

KEY WORDS: Alaska Peninsula, Aleutian Islands, Pacific salmon, catch, escapement, age, length, sex

INTRODUCTION

The Alaska Peninsula and Aleutian Islands Management Area (Figure 1) are divided into three subareas; (1) the South Peninsula, consisting of the Pacific Ocean coastal waters extending west of Kupreanof Point to Scotch Cap; (2) the Aleutian Islands west of Unimak Pass to the international dateline; and (3) the North Peninsula, consisting of Bering Sea coastal waters extending from Cape Menshikof to Cape Sarichef (Figures 2-6).

The Aleutian Islands Management Area has about 444 salmon streams, and the Alaska Peninsula has about 275 salmon streams. The most productive salmon streams are in the Alaska Peninsula Management Area, with the Nelson and Bear Rivers on the North Peninsula having the largest sockeye escapement (Figures 7,8). Five species are commercially harvested in the two management areas: chinook (*Oncorhynchus tshawytscha*), sockeye (*O. nerka*), pink (*O. gorbuscha*), chum (*O. keta*), and coho salmon (*O. kisutch*). Commercial salmon gear in the North and South Peninsula includes: purse seines, hand purse seines, drift gill nets, and set gill nets; in the Aleutian Islands gear is limited to purse seines. Sockeye and pink salmon are of primary importance in South Peninsula and Aleutian Islands fisheries, while sockeye and chum salmon are most economically important in North Peninsula fisheries.

The South Peninsula is comprised of four districts and 43 statistical areas. The Aleutian Islands are comprised of four districts and 40 statistical areas, and the North Peninsula contains two districts and 21 statistical areas. Commercial salmon fishing in South Peninsula waters usually begins during the first week of June, during the last week of June in the Aleutian Islands, and during the last week of May in the North Peninsula. During June, the majority of the drift net effort occurs in the South Unimak fishery, and purse seining occurs in the Shumagin Islands Section and also in South Unimak fisheries. The major set gill net effort occurs in the Southeast District Mainland, Shumagin Islands Section, and Nelson Lagoon fisheries. After June, the majority of the purse seine effort occurs in the South Peninsula for pink and chum salmon: drift gill net effort moves to the North Peninsula in the Harbor Point to Strogonof Point fisheries, and set gill net effort in the Southeast District Mainland, Shumagin Islands Section, and Nelson Lagoon fisheries. In late July, purse seine effort occurs in the Aleutian Islands when local salmon stocks are large enough to warrant a fishery.

METHODS

Commercial catch and escapement data were compiled by the Division of Commercial Fisheries of the Alaska Department of Fish and Game.

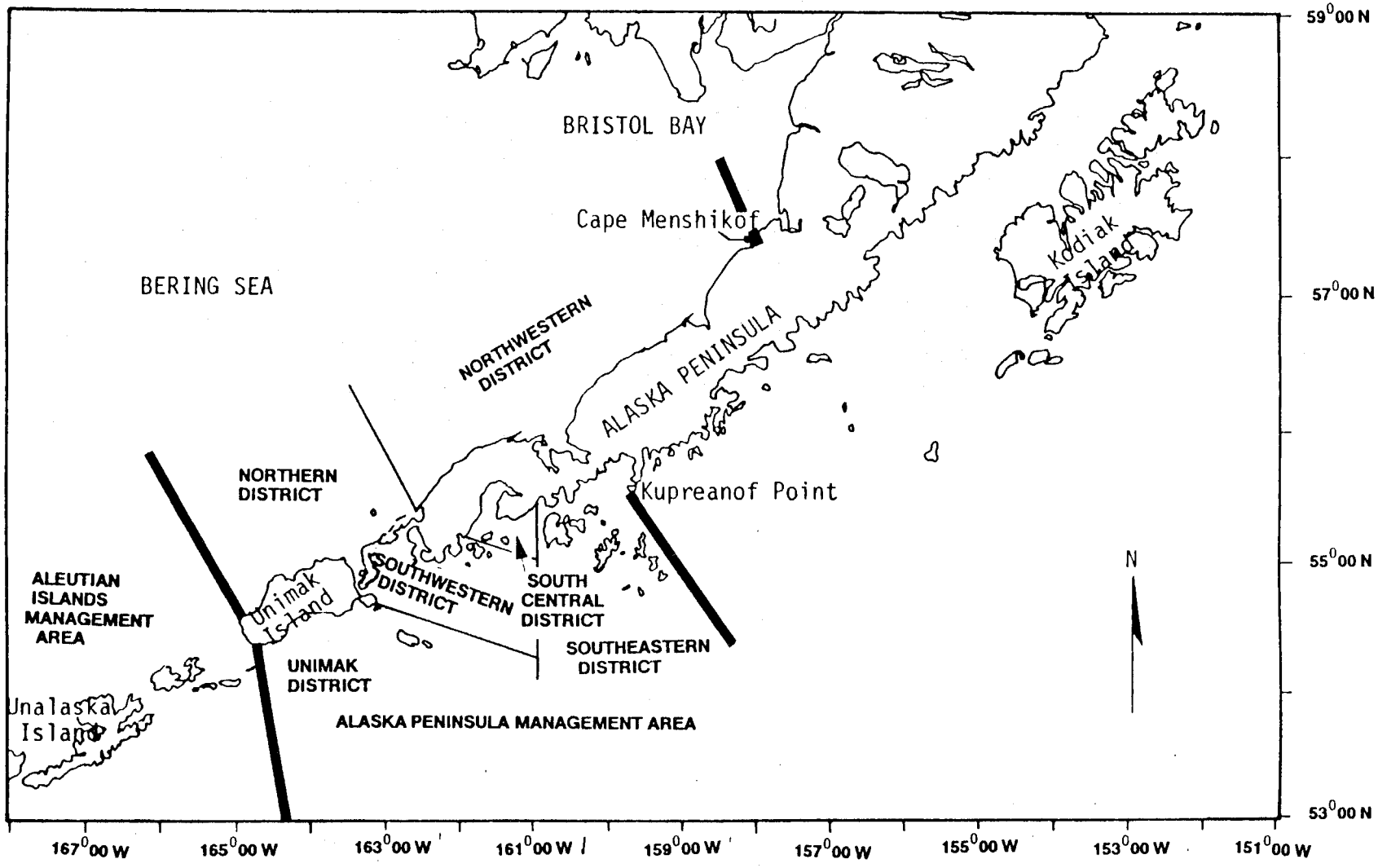

Figure 1. Map of the Alaska Peninsula and Eastern Aleutian Islands Management Areas; the study area on the Pacific Ocean portion of the map is from Kupreanof Point to Unalaska Island and on the Bering Sea from Unalaska Island to Cape Menshikof. Districts of the Alaska Peninsula Management Area are shown.

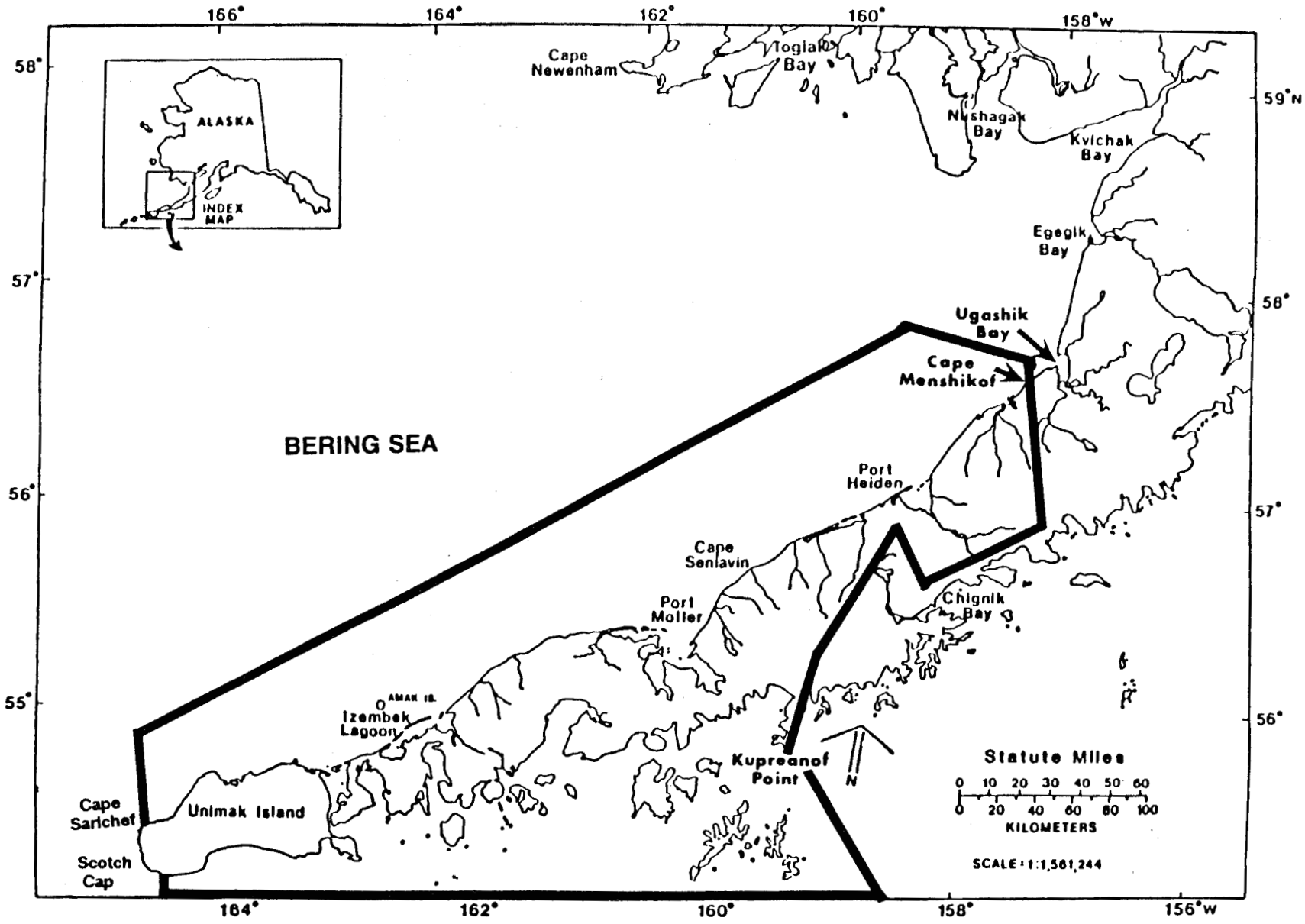

Figure 2. Map of the Alaska Peninsula Management Area from Kvichak Bay to Unimak Island and the Alaska Peninsula Management Area inside the blocking.

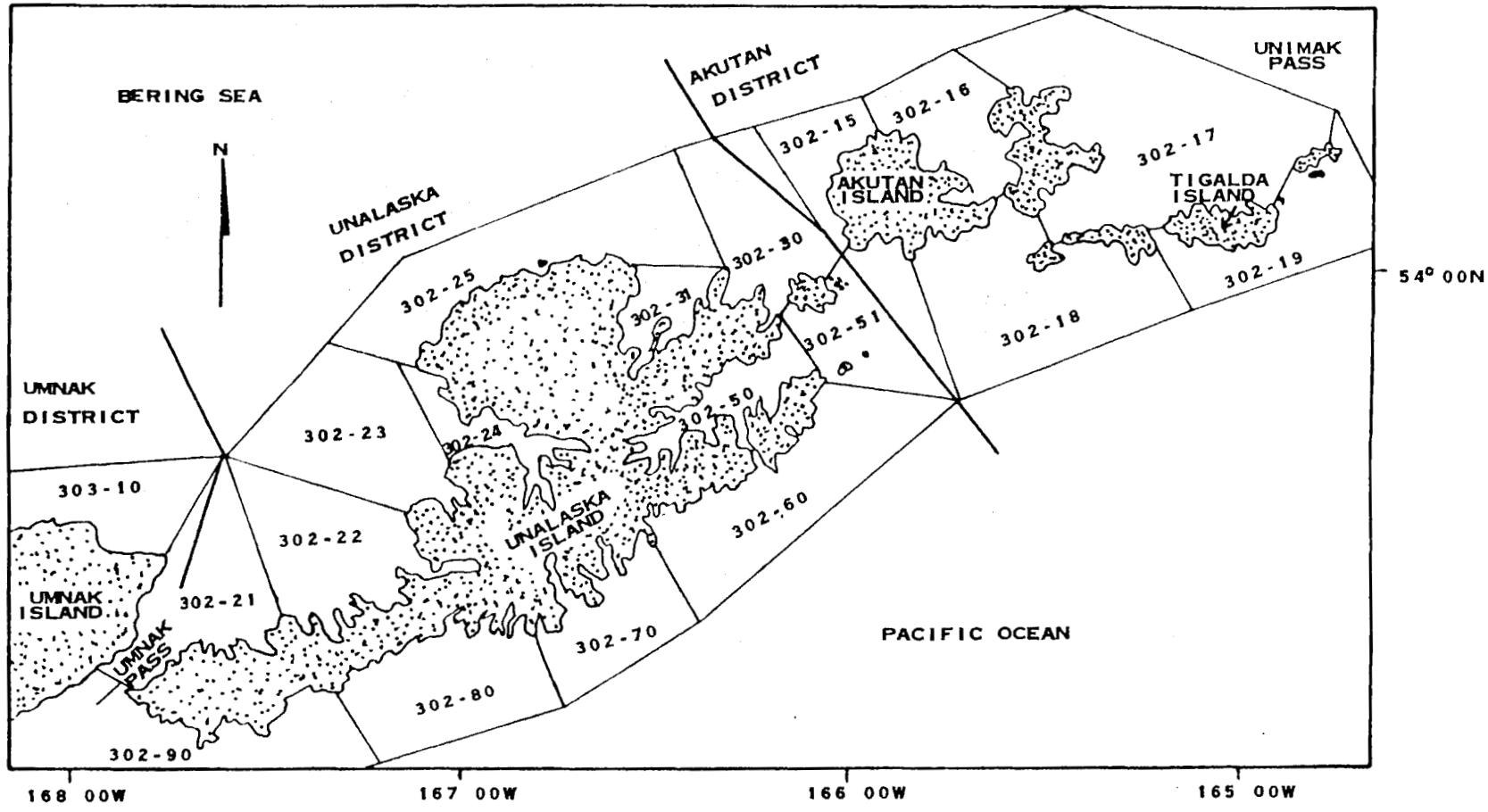

Figure 3. Map of the Aleutian Islands Area from Umnak Pass to Unimak Pass and the districts and statistical salmon fishing areas.

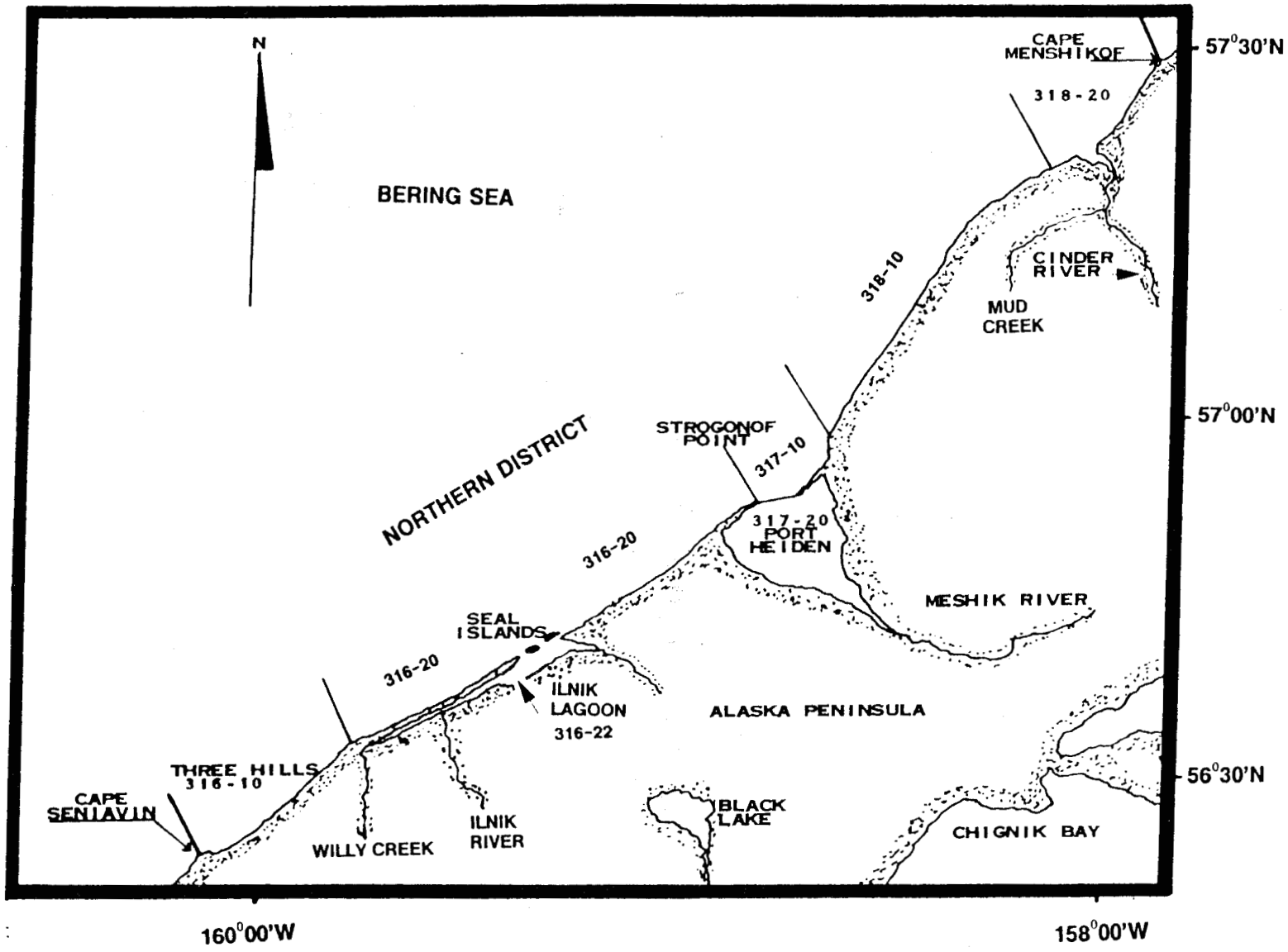

Figure 4. Map of the North Alaska Peninsula from Cape Seniavin to Cape Menshikof and the district and statistical salmon fishing areas.

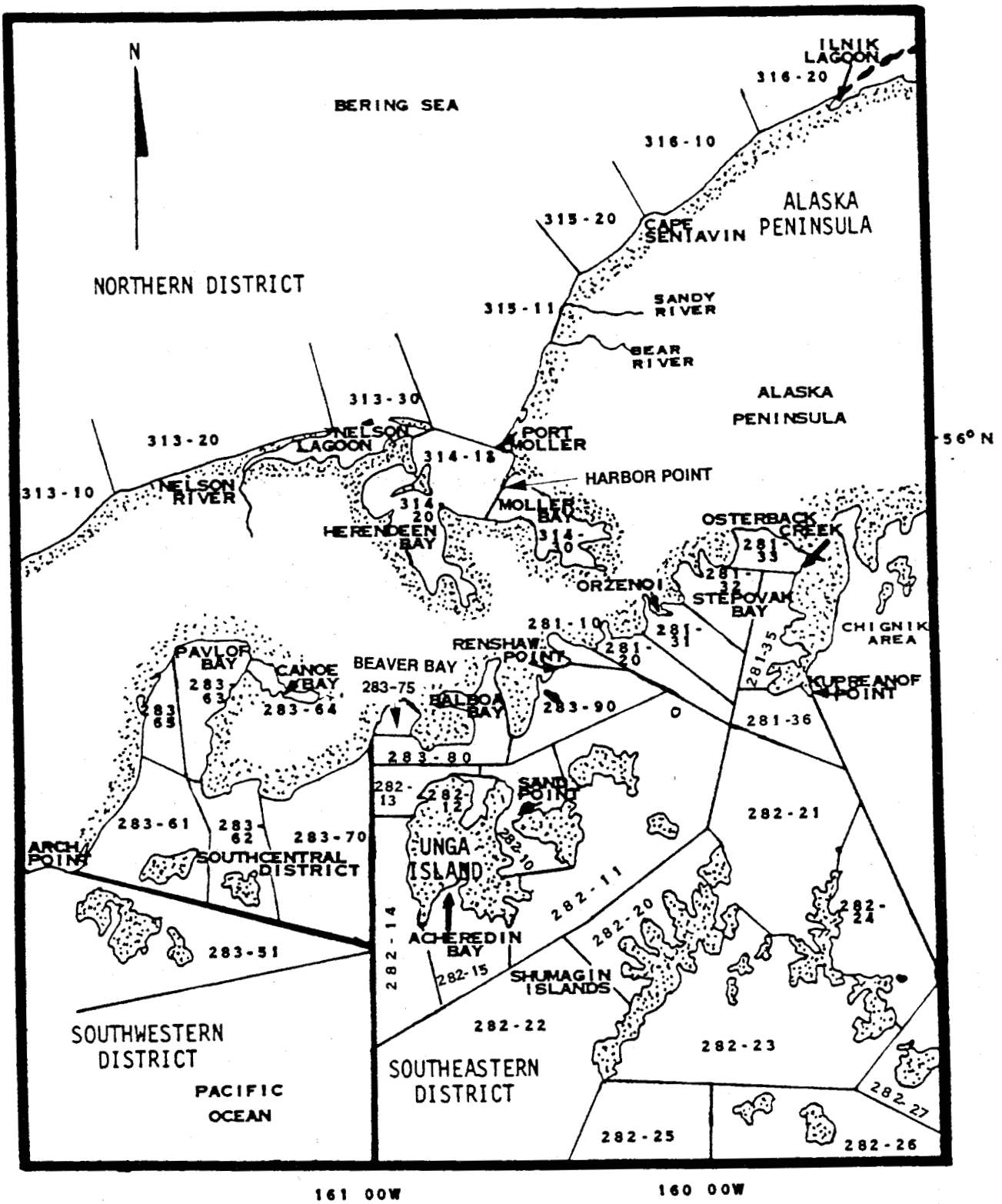

Figure 5. Map of the Alaska Peninsula Area from Arch Point to Kupreanof Point and the districts and statistical salmon fishing areas.

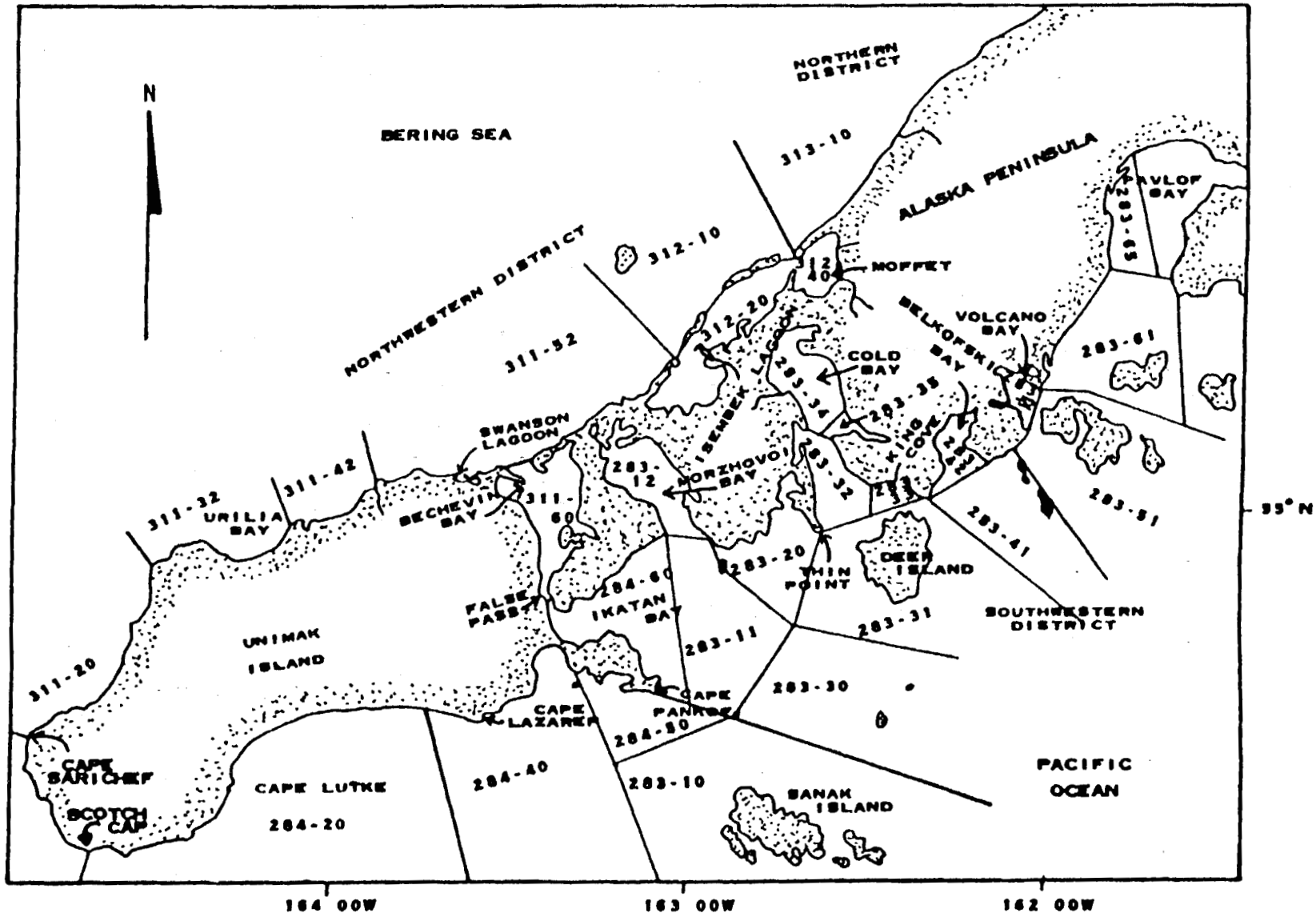

Figure 6. Map of the Alaska Peninsula Management Area from Cape Sarichef to Pavlof Bay and the districts and statistical salmon fishing areas.

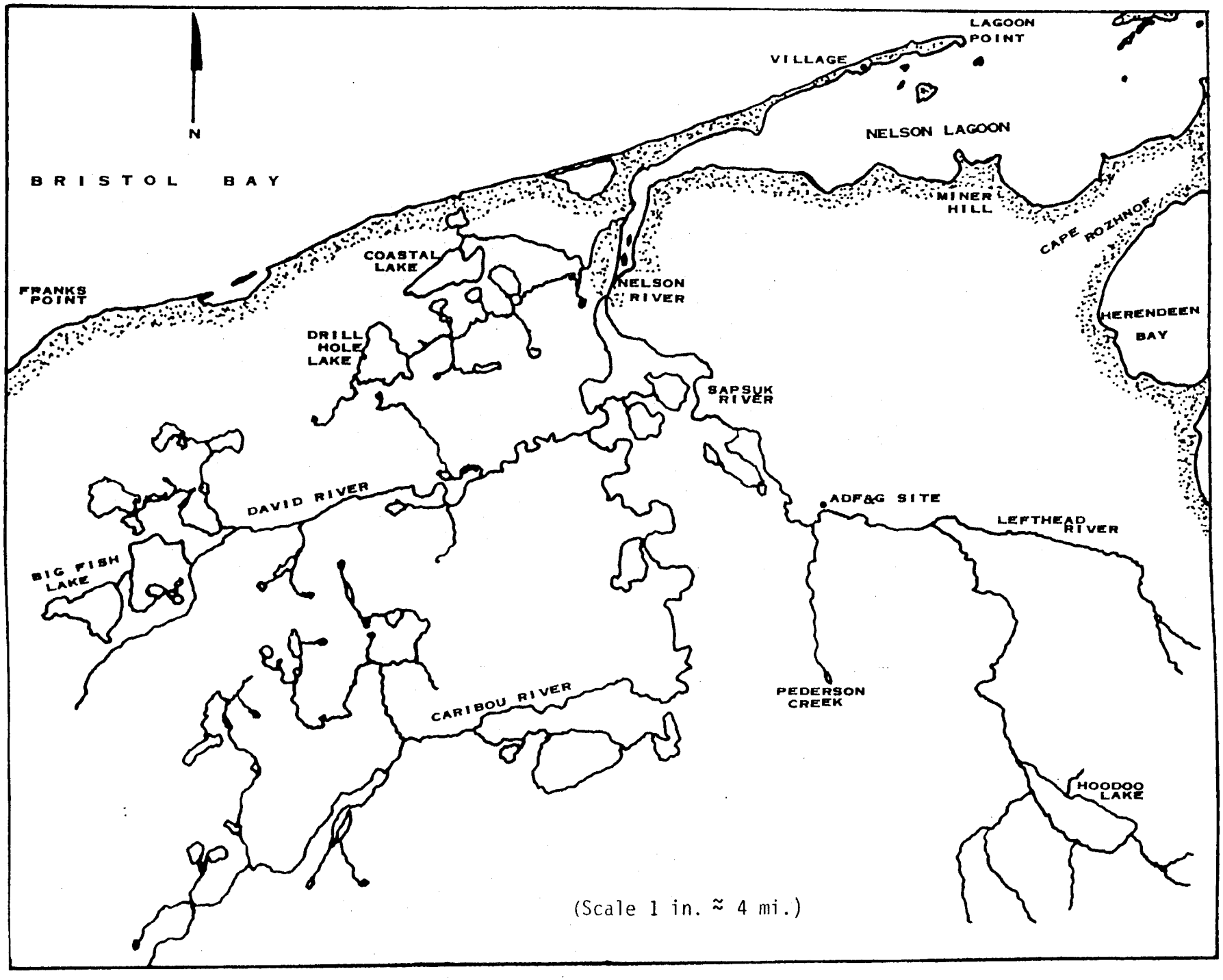

Figure 7. Map of the Nelson River drainage.

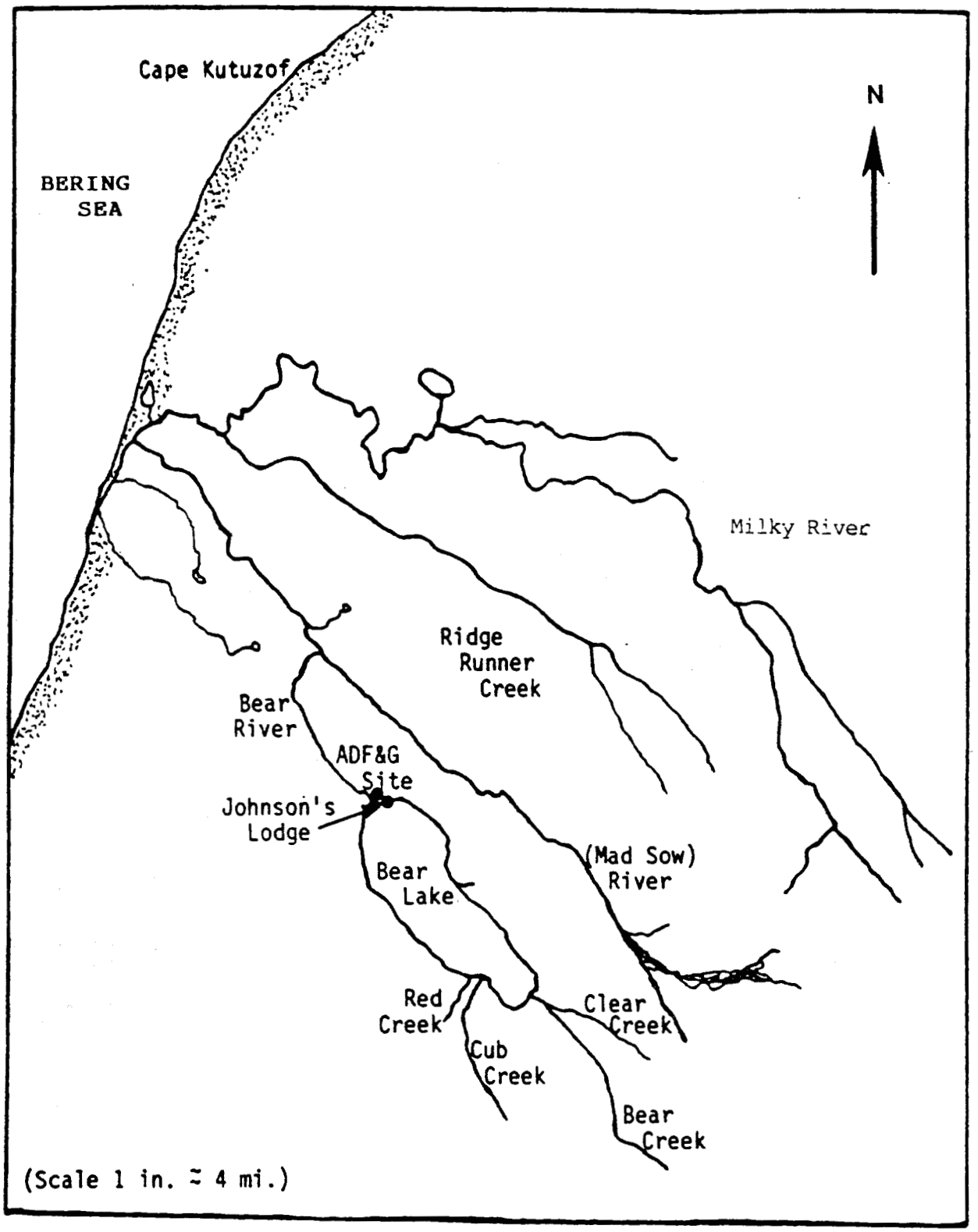

Figure 8. Map of the Bear River drainage.

These data were based on computer tabulations originating from individual sale receipts (fish tickets) given to fishermen at the time of delivery. Fish tickets and computer generated summaries were edited for errors and omissions. Extended fish ticket editing is usually required to finalize the data. This report was prepared using the most updated computer summaries available.

Specific catch sampling methods are available in Murphy (1990) and in Standard Operating Porcedure Manuals for the Alaska Peninsula Catch and Escapement Sampling Programs (Murphy 1991, unpublished).

LITERATURE CITED

Murphy, R.L. 1990. Alaska Peninsula and Aleutian Islands Management Areas Catch, Escapement, and Run Statistics, 1989. Alaska Department of Fish and Game, Division of Commercial Fisheries, Technical Fisheries Report 91-12, Kodiak.

APPENDICES

Appendix A.1. Alaska Peninsula and Aleutian Islands Management Areas listing of allowable gear by district and section, 1990.

District	Set Gill Net	Drift Gill Net	Purse Seine	Hand Purse Seine	Beach Seine
SOUTH PENINSULA					
Southeastern District	X		X	X	
Southcentral District[a]	X	X	X		
Southwestern District[b]	X		X	X	
Unimak District	X	X	X	X	
ALEUTIAN ISLANDS AREA			X	X	X
NORTH PENINSULA					
Northwestern District	X	X	X	X	
Northern District					
Black Hills Section	X	X			
Caribou Flats Section	X	X			
Nelson Lagoon Section	X	X			
Herendeen-Moller Bay Section	X	X	X	X	
Bear River Section		X	X	X	
Three Hills Section		X			
Port Heiden Section	X	X			
Cinder River Section	X	X			

[a] In the Southcentral District set gill net gear is not allowed in the Canoe Bay Section.

[b] In the Southwestern District drift gill net gear is allowed in the Ikatan Bay Section.

Appendix A.2. Districts, sections, and statistical areas for the Alaska Peninsula and Aleutian Islands Management Areas, 1990.

Fishing Area Location	Statistical Areas
SOUTH PENINSULA	
Southeastern District	
Southeast District Mainland	281-10; 281-20; 281-31; 281-32; 281-33; 281-35; 283-75; 283-80; 283-90
Shumagin Island Section	282-11; 282-12; 282-13; 282-21; 282-22; 282-23; 282-24; 282-25; 282-26
Southcentral District	
Canoe Bay	283-63; 283-64
Pavlof Bay	283-61; 283-62; 283-65
Southwestern District	
Volcano Bay	283-51; 283-52
Belkofski Bay	283-42
King Cove	283-33
Cold Bay	283-32; 283-34; 283-35
Deer Island	283-31
Thin Point	283-20
Morzhovoi Bay	283-12
Ikatan Peninsula to Cape Lazaref	311-60 (June catch) 284-40; 284-50; 284-60
Unimak District	
Cape Lutke	284-20
ALEUTIAN ISLANDS AREA	
Unalaska District	302-22
NORTH PENINSULA	
Northwestern District	
Urilia Bay	311-32
Swanson Lagoon	311-52
Bechevin Bay	311-60 (Post-June catch)
Izembek-Moffet Bay Section	312-10; 312-20; 312-40
Northern District	
Black Hills Section	313-10
Nelson Lagoon Section	313-30
Herendeen Bay	314-20
Harbor Point to Cape Seniavin	314-12; 315-11; 315-20
Cape Seniavin to Strogonof Point	316-10; 316-20; 316-22; 316-25
Outer Port Heiden Section	317-10
Inner Port Heiden Section	317-20
Cinder River Section	318-20

Appendix A.3. Statistical weeks and corresponding calendar dates, 1990.

Statistical Week	Calendar Dates	Statistical Week	Calendar Dates
1	01-Jan to 06-Jan	28	08-Jul to 14-Jul
2	07-Jan to 13-Jan	29	15-Jul to 21-Jul
3	14-Jan to 20-Jan	30	22-Jul to 28-Jul
4	21-Jan to 27-Jan	31	29-Jul to 04-Aug
5	28-Jan to 03-Feb	32	05-Aug to 11-Aug
6	04-Feb to 10-Feb	33	12-Aug to 18-Aug
7	11-Feb to 17-Feb	34	19-Aug to 25-Aug
8	18-Feb to 24-Feb	35	26-Aug to 01-Sep
9	25-Feb to 03-Mar	36	02-Sep to 08-Sep
10	04-Mar to 10-Mar	37	09-Sep to 15-Sep
11	11-Mar to 17-Mar	38	16-Sep to 22-Sep
12	18-Mar to 24-Mar	39	23-Sep to 29-Sep
13	25-Mar to 31-Mar	40	30-Sep to 06-Oct
14	01-Apr to 07-Apr	41	07-Oct to 13-Oct
15	08-Apr to 14-Apr	42	14-Oct to 20-Oct
16	15-Apr to 21-Apr	43	21-Oct to 27-Oct
17	22-Apr to 28-Apr	44	28-Oct to 03-Nov
18	29-Apr to 05-May	45	04-Nov to 10-Nov
19	06-May to 12-May	46	11-Nov to 17-Nov
20	13-May to 19-May	47	18-Nov to 24-Nov
21	20-May to 26-May	48	25-Nov to 01-Dec
22	27-May to 02-Jun	49	02-Dec to 08-Dec
23	03-Jun to 09-Jun	50	09-Dec to 15-Dec
24	10-Jun to 16-Jun	51	16-Dec to 22-Dec
25	17-Jun to 23-Jun	52	23-Dec to 29-Dec
26	24-Jun to 30-Jun	53	30-Dec to 31-Dec
27	01-Jul to 07-Jul		

Appendix A.4. The commercial salmon catch in the Alaska Peninsula and Aleutian Islands Management Areas, 1970-1990.

Year	Area	Number of Salmon					
		Chinook	Sockeye	Pink	Chum	Coho	Total
1970	South Peninsula	1,800	1,794,600	1,723,400	981,700	32,200	4,533,700
	Aleutians	0	200	672,500	3,300	100	676,100
	North Peninsula	3,200	213,000	7,800	50,200	26,400	300,600
		5,000	2,007,800	2,403,700	1,035,200	58,700	5,510,400
1971	South Peninsula	2,200	715,500	1,450,100	1,366,600	16,800	3,551,200
	Aleutians	0	300	45,400	100	0	45,800
	North Peninsula	2,200	354,200	300	64,200	8,200	429,100
		4,400	1,070,000	1,495,800	1,430,900	25,000	4,026,100
1972	South Peninsula	1,300	557,800	78,000	727,500	8,000	1,372,600
	Aleutians	0	100	2,800	0	0	2,900
	North Peninsula	1,800	179,500	0	84,700	9,600	275,600
		3,100	737,400	80,800	812,200	17,600	1,651,100
1973	South Peninsula	400	330,200	58,000	293,000	6,600	688,200
	Aleutians	0	100	7,000	0	0	7,100
	North Peninsula	4,400	171,800	300	155,700	26,900	359,100
		4,800	502,100	65,300	448,700	33,500	1,054,400
1974	South Peninsula	500	204,700	99,700	71,500	9,400	385,800
	Aleutians	0	0	0	0	0	0
	North Peninsula	5,100	247,900	10,500	35,300	24,000	322,800
		5,600	452,600	110,200	106,800	33,400	708,600
1975	South Peninsula	100	268,400	61,700	132,900	0	463,100
	Aleutians	0	0	0	0	0	0
	North Peninsula	2,100	233,500	300	8,700	28,200	272,800
		2,200	501,900	62,000	141,600	28,200	735,900
1976	South Peninsula	2,100	375,000	2,367,000	532,500	200	3,276,800
	Aleutians	0	0	0	0	0	0
	North Peninsula	4,900	641,100	600	73,600	26,000	746,200
		7,000	1,016,100	2,367,600	606,100	26,200	4,023,000
1977	South Peninsula	500	311,700	1,448,600	243,200	2,100	2,006,100
	Aleutians	0	0	0	0	0	0
	North Peninsula	5,500	471,100	900	129,100	34,100	640,700
		6,000	782,800	1,449,500	372,300	36,200	2,646,800

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Appendix A.4. (page 2 of 3).

Year	Area	Number of Salmon					
		Chinook	Sockeye	Pink	Chum	Coho	Total
1978	South Peninsula	800	579,500	5,608,800	547,000	60,700	6,796,800
	Aleutians	0	1,800	38,100	0	0	39,900
	North Peninsula	14,200	896,200	466,600	163,200	63,300	1,603,500
		15,000	1,477,500	6,113,500	710,200	124,000	8,440,200
1979	South Peninsula	2,100	1,149,700	6,570,500	483,000	356,500	8,561,800
	Aleutians	0	12,200	539,400	200	0	551,800
	North Peninsula	17,100	1,979,500	5,000	65,700	112,800	2,180,100
		19,200	3,141,400	7,114,900	548,900	469,300	11,293,700
Average 1970-1979							
	South Peninsula	1,180	628,710	1,946,580	537,890	49,250	3,163,610
	Aleutians	0	1,470	130,520	360	10	132,360
	North Peninsula	6,050	538,780	49,230	83,040	35,950	713,050
		7,230	1,168,960	2,126,330	621,290	85,210	4,009,020
1980	South Peninsula	4,800	3,613,000	7,961,500	1,351,200	274,200	13,204,700
	Aleutians	0	9,200	2,597,500	4,900	0	2,611,600
	North Peninsula	16,800	1,397,100	301,700	700,200	127,900	2,543,700
		21,600	5,019,300	10,860,700	2,056,300	402,100	18,360,000
1981	South Peninsula	10,200	2,255,200	5,035,900	1,770,300	162,200	9,233,800
	Aleutians	0	5,400	302,800	6,600	200	315,000
	North Peninsula	18,300	1,844,900	11,200	706,800	155,400	2,736,600
		28,500	4,105,500	5,349,900	2,483,700	317,800	12,285,400
1982	South Peninsula	9,800	2,346,000	6,734,900	2,272,500	256,000	11,619,200
	Aleutians	0	2,700	1,447,800	6,100	0	1,456,600
	North Peninsula	30,100	1,435,300	12,300	331,100	238,000	2,046,800
		39,900	3,784,000	8,195,000	2,609,700	494,000	15,122,600
1983	South Peninsula	26,900	2,556,600	2,827,600	1,707,100	127,700	7,245,900
	Aleutians	0	4,400	2,000	11,400	0	17,800
	North Peninsula	29,500	2,093,400	3,400	348,700	75,100	2,550,100
		56,400	4,654,400	2,833,000	2,067,200	202,800	9,813,800
1984	South Peninsula	9,200	2,318,000	11,589,300	1,656,500	309,100	15,882,100
	Aleutians	0	67,200	2,309,700	33,900	0	2,410,800
	North Peninsula	23,000	1,734,900	27,400	796,700	198,600	2,780,600
		32,200	4,120,100	13,926,400	2,487,100	507,700	21,073,500
1985	South Peninsula	7,884	2,214,583	4,438,598	1,393,285	172,514	8,226,864
	Aleutians	40	2,750	90	14,175	0	17,055
	North Peninsula	23,553	2,600,589	3,055	670,644	167,740	3,465,581
		31,477	4,817,922	4,441,743	2,078,104	340,254	11,709,500

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Appendix A.4. (page 3 of 3).

Year	Area	Number of Salmon					
		Chinook	Sockeye	Pink	Chum	Coho	Total
1986	South Peninsula	5,589	1,223,089	4,031,487	1,749,651	235,854	7,245,670
	Aleutians	11	7,702	42,621	38,819	60	89,213
	North Peninsula	11,740	2,463,735	22,630	271,216	165,201	2,934,522
		17,340	3,694,526	4,096,738	2,059,686	401,115	10,269,405
1987	South Peninsula	9,174	1,449,753	1,208,556	1,376,267	224,740	4,268,490
	Aleutians	0	75	0	0	0	75
	North Peninsula	14,186	1,209,435	3,486	368,696	171,784	1,767,587
		23,360	2,659,263	1,212,042	1,744,963	396,524	6,036,152
1988	South Peninsula	11,075	1,473,636	7,044,824	1,908,507	505,533	10,943,575
	Aleutians	0	4,315	183,109	450	7	187,881
	North Peninsula	16,805	1,528,116	65,242	393,077	233,966	2,237,206
		27,880	3,006,067	7,293,175	2,302,034	739,506	13,368,662
1989	South Peninsula	7,047	2,660,706	7,292,658	994,231	443,843	11,398,485
	Aleutians	0	8,248	6,700	0	0	14,948
	North Peninsula	10,946	1,718,689	4,103	157,177	227,551	2,118,466
		17,993	4,387,643	7,303,461	1,151,408	671,394	13,531,899
Average 1980-1989							
	South Peninsula	10,167	2,211,057	5,816,532	1,617,954	271,168	9,926,878
	Aleutians	5	11,199	689,232	11,634	27	712,097
	North Peninsula	19,493	1,802,616	45,452	474,431	176,124	2,518,116
		29,665	4,024,872	6,551,216	2,104,020	447,319	13,157,092
1990	South Peninsula	16,497	2,385,560	2,861,283	1,234,679	305,510	6,803,529
	Aleutians	2	12,435	282,823	1,038	74	296,372
	North Peninsula	12,318	2,415,889	517,724	125,813	192,849	3,264,593
		28,817	4,813,884	3,661,830	1,361,530	498,433	10,364,494

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Appendix A.5. South Peninsula commercial salmon catch by statistical week, gear type, and species, 1990.

Stat. Week	Calendar Date	Permits	Landings	Species: Chinook	Sockeye	Coho	Pink	Chum	Total	Percent: Gear	Total
Purse Seine											
24	06/10-06/16	91	165	799	73,979	0	41,136	19,401	135,315	2.6	1.3
25	06/17-06/23	109	521	4,114	567,292	0	373,584	170,619	1,115,609	21.1	11.1
26	06/24-06/30	87	203	1,150	196,999	33	103,892	132,931	435,005	8.2	4.3
27	07/01-07/07	92	92	585	38,487	1,297	17,327	93,895	151,591	2.9	1.5
28	07/08-07/14	92	270	3,016	124,846	19,089	45,646	127,206	319,803	6.0	3.2
29	07/15-07/21	93	139	177	74,098	17,769	59,078	31,027	182,149	3.4	1.8
30	07/22-07/28	104	354	1,258	143,659	102,210	623,165	114,952	985,244	18.6	9.8
31	07/29-08/04	108	273	292	79,338	56,361	701,513	64,615	902,119	17.0	9.0
32	08/05-08/11	114	302	277	61,453	24,168	806,007	98,456	990,361	18.7	9.8
35	08/26-09/01	8	10	0	464	535	224	27,806	29,029	0.5	0.3
36	09/02-09/08	11	18	0	1,394	2,566	254	41,783	45,997	0.9	0.5
37	09/09-09/15	4	4	0	256	326	28	50	660	0.0	0.0
Total		118	2,343	11,668	1,362,265	224,354	2,771,854	922,741	5,292,882	100.0	52.6
Drift Gill Net											
24	06/10-06/16	148	332	729	71,595	77	9	22,466	94,876	10.5	0.9
25	06/17-06/23	153	876	1,811	306,536	19	135	126,210	434,711	48.2	4.3
26	06/24-06/30	87	237	1,486	74,988	254	1,186	41,642	119,556	13.3	1.2
27	07/01-07/07	37	38	32	10,773	291	1	3,987	15,084	1.7	0.1
28	07/08-07/14	32	69	38	18,311	2,562	42	7,479	28,432	3.2	0.3
29	07/15-07/21	26	49	14	11,950	4,584	591	2,065	19,204	2.1	0.2
30	07/22-07/28	48	186	29	47,351	15,596	6,781	15,323	85,080	9.4	0.8
31	07/29-08/04	36	97	7	25,273	12,722	12,286	9,458	59,746	6.6	0.6
32	08/05-08/11	37	94	2	18,564	6,505	11,096	8,042	44,209	4.9	0.4
36	09/02-09/08	2	2	0	50	50	0	30	130	0.0	0.0
Total		154	1,968	4,148	585,391	42,660	32,127	236,702	901,028	100.0	8.9

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Stat. Week	Calendar Date	Permits	Landings	Species: Chinook	Sockeye	Coho	Pink	Chum	Total	Percent: Gear	Total
Set Gill Net											
24	06/10-06/16	49	94	42	9,244	0	115	600	10,001	1.6	0.1
25	06/17-06/23	58	286	191	43,656	0	65	4,883	48,795	8.0	0.5
26	06/24-06/30	20	39	11	3,276	160	90	647	4,184	0.7	0.0
27	07/01-07/07	59	71	49	16,400	107	256	3,803	20,615	3.4	0.2
28	07/08-07/14	68	323	231	93,857	2,245	1,008	13,209	110,550	18.1	1.1
29	07/15-07/21	66	195	76	67,346	4,153	3,243	7,455	82,273	13.5	0.8
30	07/22-07/28	64	332	44	71,588	6,354	14,848	16,326	109,160	17.9	1.1
31	07/29-08/04	57	202	17	41,161	3,905	18,553	15,180	78,816	12.9	0.8
32	08/05-08/11	52	157	13	26,398	1,731	19,046	9,587	56,775	9.3	0.6
35	08/26-09/01	30	31	1	8,020	690	3	472	9,186	1.5	0.1
36	09/02-09/08	47	134	2	29,031	12,806	75	2,212	44,126	7.2	0.4
37	09/09-09/15	41	134	2	13,101	4,524	0	659	18,286	3.0	0.2
38	09/16-09/22	22	55	0	11,520	1,421	0	165	13,106	2.1	0.1
39	09/23-09/29	14	30	2	2,759	366	0	28	3,155	0.5	0.0
40	09/30-10/06	6	9	0	547	34	0	10	591	0.1	0.0
Total		81	2,088	681	437,904	38,496	57,302	75,236	609,619	100.0	6.1
All Gears											
24	06/10-06/16	288	591	1,570	154,818	77	41,260	42,467	240,192	3.5	
25	06/17-06/23	320	1,683	6,116	917,484	19	373,784	301,712	1,599,115	23.5	
26	06/24-06/30	194	479	2,647	275,263	447	105,168	175,220	558,745	8.2	
27	07/01-07/07	188	201	666	65,660	1,695	17,584	101,685	187,290	2.8	
28	07/08-07/14	192	662	3,285	237,014	23,896	46,696	147,894	458,785	6.7	
29	07/15-07/21	185	383	267	153,394	26,506	62,912	40,547	283,626	4.2	
30	07/22-07/28	216	872	1,331	262,598	124,160	644,794	146,601	1,179,484	17.3	
31	07/29-08/04	201	572	316	145,772	72,988	732,352	89,253	1,040,681	15.3	
32	08/05-08/11	203	553	292	106,415	32,404	836,149	116,085	1,091,345	16.0	
35	08/26-09/01	40	43	1	8,534	1,275	227	28,308	38,345	0.6	
36	09/02-09/08	58	152	2	30,425	15,372	329	43,995	90,123	1.3	
37	09/09-09/15	45	138	2	13,357	4,850	28	709	18,946	0.3	
38	09/16-09/22	22	55	0	11,520	1,421	0	165	13,106	0.2	
39	09/23-09/29	14	30	2	2,759	366	0	28	3,155	0.0	
40	09/30-10/06	6	9	0	547	34	0	10	591	0.0	
Total		2,172	6,423	16,497	2,385,560	305,510	2,861,283	1,234,679	6,803,529	100.0	
Percent				0.3	35.1	4.5	42.0	18.1	100.0		

Appendix A.6. Shumagin Island Section commercial salmon catch, June and post-June, 1979-1990.

Year	Chinook	Sockeye	Pink	Chum	Coho	Total
June						
1979	475	179,139	105,813	40,953	252	326,632
1980[a]	342	572,090	465,652	71,330	34	1,109,448
1981	1,263	362,520	129,283	57,338	251	550,655
1982	1,554	450,548	686,671	161,308	0	1,300,081
1983	5,277	416,494	15,434	169,277	3	606,485
1984	1,830	256,838	449,188	109,207	14	817,077
1985	2,142	366,607	37,465	133,542	2,466	542,222
1986	560	156,027	141,315	99,048	1	396,951
1987	1,146	140,567	5,640	37,064	0	184,417
1988	1,939	282,230	93,546	61,946	244	439,905
1989	487	396,958	45,067	47,528	0	490,040
Average	1,547	325,456	197,734	89,867	297	614,901
1990	1,870	255,649	70,855	63,498	0	391,872
Post-June						
1979	910	145,369	2,076,670	93,527	313,573	2,630,049
1980	1,380	138,438	1,545,827	262,462	233,456	2,181,563
1981	4,009	116,297	1,364,026	307,980	126,955	1,919,267
1982	1,889	67,269	1,638,712	296,426	207,273	2,211,569
1983	6,547	108,365	900,726	220,824	92,403	1,328,865
1984	3,222	96,149	1,786,737	259,497	211,648	2,357,253
1985	461	107,792	1,632,827	205,899	113,193	2,060,172
1986	3,121	341,811	1,497,892	557,332	201,518	2,601,674
1987	3,388	248,934	542,383	310,540	157,936	1,263,181
1988	5,955	416,917	3,396,332	415,308	351,118	4,585,630
1989	2,493	418,124	2,026,996	239,366	251,206	2,938,185
Average	3,034	200,497	1,673,557	288,106	205,480	2,370,673
1990	4,939	424,473	1,106,869	347,246	183,386	2,066,913
Combined June and Post-June						
1979	1,385	324,508	2,182,483	134,480	313,825	2,956,681
1980	1,722	710,528	2,011,479	333,792	233,490	3,291,011
1981	5,272	478,817	1,493,309	365,318	127,206	2,469,922
1982	3,443	517,817	2,325,383	457,734	207,273	3,511,650
1983	11,824	524,859	916,160	390,101	92,406	1,935,350
1984	5,052	352,987	2,235,925	368,704	211,662	3,174,330
1985	2,603	474,399	1,670,292	339,441	115,659	2,602,394
1986	3,681	497,838	1,639,207	656,380	201,519	2,998,625
1987	4,534	389,501	548,023	347,604	157,936	1,447,598
1988	7,894	699,147	3,489,878	477,254	351,362	5,025,535
1989	2,980	815,082	2,072,063	286,894	251,206	3,428,225
Average	4,581	525,953	1,871,291	377,973	205,777	2,985,575
1990	6,809	680,122	1,177,724	410,744	184,304	2,458,785

[a]1980 June catch includes catch through 5 July.

Appendix A.7. South Unimak June and post-June commercial salmon catch by gear type, 1990.

Area	Permits	Landings	Species: Chinook	Sockeye	Pink	Chum	Coho	Total
South Unimak June[a]								
Purse Seine								
Number	94	576	4,302	619,391	444,150	263,532	0	1,331,375
Percent of June			0.2	31.0	22.2	13.2	0.0	66.7
Percent of Total			0.2	26.3	18.8	11.2	0.0	56.4
Drift Gill Net								
Number	153	1,434	4,026	452,484	38	190,002	1	646,551
Percent of June			0.2	22.7	0.0	9.5	0.0	32.4
Percent of Total			0.2	19.2	0.0	8.1	0.0	27.4
Set Net								
Number	19	123	136	17,069	61	1,510	0	18,776
Percent of June			0.0	0.9	0.0	0.1	0.0	0.9
Percent of Total			0.0	0.7	0.0	0.1	0.0	0.8
June Total								
Number	266	2,133	8,444	1,080,522	445,230	455,044	1	1,996,702
Percent of June			0.4	54.5	22.2	22.8	0.0	100.0
Percent of Total			0.4	46.2	18.8	19.3	0.0	84.7
South Unimak Post-June								
Purse Seine								
Number	16	29	54	17,532	28,811	39,284	184	85,865
Percent of Post-June			0.0	4.8	8.0	10.9	0.1	23.7
Percent of Total			0.0	0.7	1.2	1.7	0.0	3.6
Drift Gill Net								
Number	60	534	122	132,907	32,086	46,700	42,659	254,474
Percent of Post-June			0.0	36.7	8.9	12.9	11.8	70.3
Percent of Total			0.0	5.6	1.4	2.0	1.8	10.8
Set Net								
Number	8	89	26	13,737	1,818	2,346	3,671	21,598
Percent of Post-June			0.0	3.8	0.5	0.6	1.0	6.0
Percent of Total			0.0	0.6	0.1	0.1	0.2	0.9
Post-June Total								
Number	84	652	202	156,934	62,715	88,330	46,447	361,937
Percent of Post-June			0.1	45.4	17.3	24.4	12.9	100.0
Percent of Total			0.0	7.0	2.7	3.7	2.0	15.3
Total	200	2,785	8,666	1,253,120	506,964	543,374	46,448	2,358,639
Percent			0.4	53.1	21.5	23.0	2.0	100.0

[a]Includes four deliveries from the Sanak Islands

Appendix A.8. Aleutian Islands Management Area commercial salmon catch by statistical week, gear, and species, 1990.

Stat. Week	Calendar Date	Permits	Landings	Species: Chinook	Sockeye	Coho	Pink	Chum	Total	Percent: Gear	Total
Purse Seine											
30	07/22-07/28	1	1	0	2	0	400	25	427	0.1	0.0
31	07/29-08/04	3	6	0	5,301	0	26,063	188	31,552	10.6	0.3
32	08/05-08/11	12	25	2	6,719	65	192,410	756	199,952	67.5	2.0
33	08/12-08/18	12	17	0	413	9	63,950	69	64,441	21.7	0.6
Total		15	49	2	12,435	74	282,823	1,038	296,372	100.0	2.9
Percent				0.0	4.2	0.0	95.4	0.4	100.0		

Appendix A.9. North Peninsula commercial salmon catch by statistical week, gear type, and species, 1990.

Stat. Week	Calendar Date	Permits	Landings	Species: Chinook	Sockeye	Coho	Pink	Chum	Total	Percent: Gear	Total
Purse Seine											
23	09/03-06/09	1	4	0	666	0	0	0	666	0.1	0.0
24	06/10-06/16	3	7	0	2,802	0	0	0	2,802	0.4	0.0
25	06/17-06/23	3	9	1	15,790	0	0	0	15,791	2.4	0.2
26	06/24-06/30	8	24	2	19,690	0	0	950	20,642	3.2	0.2
27	07/01-07/07	9	21	0	16,145	0	0	3,688	19,833	3.0	0.2
28	07/13-07/14	7	16	0	3,341	0	0	26,540	29,881	4.6	0.3
29	07/15-07/21	7	11	0	2,311	0	31	7,426	9,768	1.5	0.1
30	07/22-07/28	7	19	0	11,730	0	9	2,355	14,094	2.2	0.1
31	07/29-08/04	5	19	1	22,930	0	90	8,230	31,251	4.8	0.3
32	08/05-08/11	20	52	0	0	0	434,804	19,203	454,007	69.8	4.5
33	08/12-08/18	9	18	0	10	0	44,050	4,375	48,435	7.4	0.5
36	09/02-09/08	2	4	0	30	3,150	0	0	3,180	0.5	0.0
37	09/09-09/15	1	1	0	0	110	0	0	110	0.0	0.0
Totals		26	205	4	95,445	3,260	478,984	72,767	650,460	100.0	6.5
Drift Gill Net											
23	06/03-06/09	13	28	919	49	0	0	49	1,017	0.0	0.0
24	06/10-06/16	22	41	2,410	914	0	0	143	3,467	0.2	0.0
25	06/17-06/23	26	46	2,381	16,336	0	0	271	18,988	0.9	0.2
26	06/24-06/30	99	270	1,322	147,497	0	0	540	149,359	6.8	1.5
27	07/01-07/07	89	244	972	80,230	0	0	2,216	83,418	3.8	0.8
28	07/08-07/14	153	787	242	542,765	4	1	12,349	555,361	25.3	5.5
29	07/15-07/21	148	842	131	376,203	44	34	11,913	388,325	17.7	3.9
30	07/22-07/28	100	464	77	141,276	107	363	5,400	147,223	6.7	1.5
31	07/29-08/04	94	432	20	114,298	219	1,608	3,301	119,446	5.5	1.2
32	08/05-08/11	111	519	26	114,229	818	18,554	7,335	140,962	6.4	1.4
33	08/12-08/18	140	611	32	175,124	13,829	1,147	1,141	191,273	8.7	1.9
34	08/19-08/25	146	610	9	146,501	38,061	552	710	185,833	8.5	1.8
35	08/26-09/01	129	461	4	87,335	37,250	300	219	125,108	5.7	1.2
36	09/02-09/08	70	266	2	46,510	20,970	99	28	67,609	3.1	0.7
37	09/09-09/15	26	72	0	9,505	4,126	2	2	13,635	0.6	0.1
Total		226	5,692	8,547	1,998,772	115,428	22,660	45,617	2,191,024	100.0	21.8

-Continued-

Appendix A.9. (page 2 of 2)

Stat. Week	Calendar Date	Permits	Landings	Species: Chinook	Sockeye	Coho	Pink	Chum	Total	Percent: Gear	Total
Set Gill Net											
23	06/03-06/09	19	47	284	1,298	0	0	0	1,582	0.4	0.0
24	06/10-06/16	26	69	1,196	2,947	0	0	203	4,346	1.0	0.0
25	06/17-06/23	30	104	1,379	13,201	130	0	610	15,320	3.6	0.2
26	06/24-06/30	35	162	689	58,448	0	0	1,880	61,017	14.4	0.6
27	07/01-07/07	39	191	152	81,371	2	0	235	81,760	19.3	0.8
28	07/08-07/14	34	193	52	74,826	0	2	2,049	76,929	18.2	0.8
29	07/15-07/21	31	122	8	25,351	0	0	776	26,135	6.2	0.3
30	07/22-07/28	22	81	2	13,200	2	1	196	13,401	3.2	0.1
31	07/29-08/04	22	104	1	26,227	60	5	660	26,953	6.4	0.3
32	08/05-08/11	22	91	0	12,716	368	16,021	1,044	30,149	7.1	0.3
33	08/12-08/18	33	91	4	6,215	4,647	8	57	10,931	2.6	0.1
34	08/19-08/25	38	99	1	3,257	10,266	23	15	13,562	3.2	0.1
35	08/26-09/01	40	122	1	1,976	22,726	20	2	24,725	5.8	0.2
36	09/02-09/08	33	95	0	696	30,616	0	2	31,314	7.4	0.3
37	09/09-09/15	16	44	0	101	5,473	0	0	5,574	1.3	0.1
Total		60	1,614	3,769	321,830	74,290	16,080	7,729	423,698	100.0	4.2
All Gears											
23	06/03-06/09	33	79	1,203	2,013	0	0	49	3,265	0.1	
24	06/10-06/16	51	117	3,606	6,663	0	0	346	10,615	0.3	
25	06/17-06/23	59	159	3,761	45,327	130	0	881	50,099	1.5	
26	06/24-06/30	142	456	2,013	225,635	0	0	3,370	231,018	7.1	
27	07/01-07/07	137	456	1,124	177,746	2	0	6,139	185,011	5.7	
28	07/08-07/14	194	996	294	620,932	4	3	40,938	662,171	20.3	
29	07/15-07/21	186	975	139	403,865	44	65	20,115	424,228	13.0	
30	07/22-07/28	129	564	79	166,206	109	373	7,951	174,718	5.4	
31	07/29-08/04	121	555	22	163,455	279	1,703	12,191	177,650	5.4	
32	08/05-08/11	153	662	26	126,945	1,186	469,379	27,582	625,118	19.1	
33	08/12-08/18	182	720	36	181,349	18,476	45,205	5,573	250,639	7.7	
34	08/19-08/25	184	709	10	149,758	48,327	575	725	199,395	6.1	
35	08/26-09/01	169	583	5	89,311	59,976	320	221	149,833	4.6	
36	09/02-09/08	105	365	2	47,236	54,736	99	30	102,103	3.1	
37	09/09-09/15	43	117	0	9,606	9,709	2	2	19,319	0.6	
Total		312	7,511	12,318	2,415,889	192,849	517,724	125,813	3,264,593	100.0	
Percent				0.3	74.0	5.9	15.9	3.9	100.0		

Appendix A.10. North Peninsula Harbor Point to Strogonof Point commercial sockeye salmon harvest, 1974-90.

	Catch Area					
	Harbor Point to Cape Seniavin		Cape Seniavin to Strogonof Point		Total	
Year	Number	Percent	Number	Percent	Number	Percent
1974[a]	160,515	77.4	46,895	22.6	207,410	100.0
1975[a]	169,469	95.1	8,707	4.9	178,176	100.0
1976[a]	320,221	59.3	219,719	40.7	539,940	100.0
1977[a]	275,763	73.8	97,887	26.2	373,650	100.0
1978[a]	592,592	94.9	32,168	5.1	624,760	100.0
1979	1,352,903	87.4	194,362	12.6	1,547,265	100.0
1980	752,144	74.9	252,227	25.1	1,004,371	100.0
1981	1,327,800	95.1	68,900	4.9	1,396,700	100.0
1982	1,009,300	87.6	142,500	12.4	1,151,800	100.0
1983	1,126,200	60.7	729,600	39.3	1,855,800	100.0
Average	708,691	80.6	179,297	19.4	887,987	100.0
1984	637,400	46.2	743,700	53.8	1,381,100	100.0
1985	827,075	45.8	978,154	54.2	1,805,229	100.0
1986	939,131	45.0	1,148,840	55.0	2,087,971	100.0
1987	214,637	23.0	719,351	77.0	933,988	100.0
1988	498,718	40.1	745,996	59.9	1,244,714	100.0
1989	562,137	42.9	748,987	57.1	1,311,124	100.0
1990	880,101	48.3	942,900	51.7	1,823,001	100.0
Average	651,314	41.6	861,133	58.4	1,512,447	100.0

[a] Does not include statistical area 314-12 in Harbor Point to Cape Seniavin data.

Appendix A.11. Alaska Peninsula and Aleutian Islands Management Areas salmon escapement by district, 1990.

Area	Number of Salmon					
	Chinook	Sockeye	Pink	Chum	Coho	Total
South Peninsula						
Southeastern District	0	21,925	569,434	114,696	42,168	748,223
Southcentral District	0	3,468	694,967	137,082	19,320	854,837
Southwestern District	0	74,040	724,244	90,820	56,448	945,552
Unimak District	0	14,800	19,540	710	960	36,010
Total	0	114,233	2,008,185	343,308	118,896	2,584,622
Aleutian Islands						
Unalaska District	0	38,600	128,756	0	0	167,356
Total	0	38,600	128,756	0	0	167,356
North Peninsula						
Northwestern District	58	142,035	31,954	251,425	20,640	446,112
Northern District	11,177	1,008,108	116,603	147,069	200,160	1,483,117
Total	11,234	1,150,320	148,556	398,494	220,800	1,929,229
TOTAL	11,234	1,303,153	2,285,497	741,802	339,696	4,681,207

Appendix A.12. Estimated age composition of sockeye escapements from the Alaska Peninsula Management Area, 1990.

Area	Ages											TOTAL
	0.3	1.2	2.1	1.3	2.2	1.4	2.3	2.4	3.3	3.2	Other[a]	
SOUTH PENINSULA												
Orzenoi River												
Number	0	7,258	423	1,875	3,145	60	2,117	0	60	0	60	15,000
Percent	0.0	48.4	2.8	12.5	21.0	0.4	14.1	0.0	0.4	0.0	0.4	100.0
SOUTH PENINSULA TOTAL												
Number	0	7,258	423	1,875	3,145	60	2,117	0	60	0	60	15,000
Percent	0.0	48.4	2.8	12.5	21.0	0.4	14.1	0.0	0.4	0.0	0.4	100.0
NORTH PENINSULA												
Nelson Lagoon												
Number	1,648	7,821	0	37,527	79,852	171	107,282	1,192	1,091	4,040	75	240,700
Percent	0.7	3.2	0.0	15.6	33.2	0.1	44.6	0.5	0.5	1.7	0.0	100.1
Bear Lake												
Number	0	66,468	5,508	14,322	322,058	0	114,942	1,102	367	21,299	734	546,800
Percent	0.0	12.2	1.0	2.6	58.9	0.0	21.0	0.2	0.1	3.9	0.1	100.0
Ilnik Lagoon												
Number	2,769	18,069	0	8,451	2,186	1,894	2,040	0	0	0	291	35,700
Percent	7.8	50.6	0.0	23.7	6.1	5.3	5.7	0.0	0.0	0.0	0.8	100.0
NORTH PENINSULA TOTAL												
Number	4,417	92,358	5,508	60,300	404,096	2,065	224,264	2,294	1,458	25,339	1,100	823,200
Percent	0.5	11.2	0.7	7.3	49.1	0.3	27.2	0.3	0.2	3.1	0.1	100.0
ALASKA PENINSULA TOTAL												
Number	4,417	99,616	5,931	62,175	407,241	2,125	226,381	2,294	1,518	25,339	1,160	838,200
Percent	0.5	11.9	0.7	7.4	48.6	0.3	27.0	0.3	0.2	3.0	0.1	100.0

[a]Other ages include: 1.1, 0.2, 0.4, 3.1

Appendix B.1. Southeast District Mainland commercial salmon catch by statistical week and species, 1990.

Stat. Week	Calendar Date	# permits: purse seine	drift net	set net	Number of Salmon: Chinook	Sockeye	Coho	Pink	Chum	Total
					Pre 26 July					
28	07/08-07/14	24	0	43	513	75,881	1,198	5,474	19,154	10,222
29	07/15-07/21	65	0	31	171	88,147	15,583	41,408	23,849	169,158
				Total	684	164,028	16,781	46,882	43,003	179,380
					Post 25 July					
30	07/22-07/28	22	0	30	81	22,743	12,352	56,130	14,188	105,494
31	07/29-08/04	26	0	23	35	31,394	15,949	110,625	21,184	179,187
32	08/05-08/11	11	0	10	19	14,308	3,091	36,123	7,287	60,828
35	08/26-09/01	4	0	20	1	4,915	595	3	27,410	32,924
36	09/02-09/08	4	0	31	1	22,234	3,955	46	42,257	68,493
37	09/09-09/15	0	0	27	1	8,434	1,580		557	10,572
38	09/16-09/22	0	0	9		46,003	7,511		128	53,642
39	09/23-09/29	0	0	7		13,401	292		22	13,715
40	09/30-10/06	0	0	4		3,149	33		9	3,191
				Total	138	113,432	38,784	202,927	109,163	560,321
Purse seine Set net Totals		74	0	58	822	277,460	55,565	249,809	156,045	739,701

Appendix B.2. Shumagin Islands Section commercial salmon catch by statistical week and species, 1990.

Stat. Week	Calendar Date	# permits: purse seine	drift net	set net	Number of Salmon: Chinook	Sockeye	Coho	Pink	Chum	Total
					June					
24	06/10-06/16	45	0	37	373	39,910	0	11,969	6,961	59,213
25	06/17-06/23	51	0	43	1,497	215,739	0	58,886	56,537	332,659
	Total	51		44	1,870	255,649	0	70,855	63,498	391,872
					Post-June					
27	07/01-07/07	59	0	45	566	31,874	1,233	10,888	57,507	102,068
28	07/08-07/14	68	0	33	2,637	95,621	18,220	37,997	110,576	265,051
29	07/15-07/21	-	0	26	57	26,443	4,873	5,354	5,896	42,755
30	07/22-07/28	76	0	53	1,168	131,838	90,893	511,266	99,249	834,514
31	07/29-08/04	64	0	25	253	69,309	43,360	366,224	40,744	328,883
32	08/05-08/11	63	0	32	254	47,528	21,550	227,813	31,739	328,884
33	08/12-08/18	-	0	0	0	1,170	267	6,369	791	10,147
35	08/26-09/01	-	0	9	0	24,073	504	560	2,303	30,944
36	09/02-09/08	4	0	13	1	7,811	1,349	279	805	10,245
37	09/09-09/15	-	0	13	1	4,913	1,028	28	138	6,108
38	09/16-09/22	0	0	13	0	4,667	484	0	37	5,188
39	09/23-09/29	0	0	7	2	688	74	0	6	770
40	09/30-10/06	0	0	-	0	67	1	0	1	69
Total		85	0	57	4,939	424,473	184,304	1,106,869	347,246	2,006,913
Purse seine					6,509	478,193	168,410	1,142,242	367,146	2,172,787
Set net					275	200,645	13,718	30,909	40,451	285,998
Totals[b]		85	0	57	6,809	680,122	184,304	1,177,724	410,744	2,458,785

[a]Catch includes test fisheries on weeks: 24, 27, 29, 30, and 33.
[b]Total includes catch from test fisheries.

Appendix B.3. Canoe Bay commercial salmon catch by statistical week and species, 1990.

Stat. Week	Calendar Date	# permits: purse seine	drift net	set net	Number of Salmon Chinook	Sockeye	Coho	Pink	Chum	Total
27	07/01-07/07	-	0	0	0	0	2	0	102	104
28	07/08-07/14	7	0	0	2	312	0	259	6,060	6,633
29	07/15-07/21	6	0	0	5	56	1	7,075	8,110	15,247
30	07/22-07/28	9	0	0	1	1,044	0	31,087	7,173	39,305
31	07/29-08/04	11	0	0	1	10	0	64,862	9,636	74,509
32	08/05-08/11	24	0	-	2	524	3	126,695	5,142	132,366
Purse seine					11	1,862	6	241,672	36,102	279,653
Set net					0	84	0	290	121	495
Totals		40	0	-	11	1,946	6	241,962	36,223	280,148

Appendix B.4. Pavlof Bay commercial salmon catch by statistical week and species, 1990.

Stat. Week	Calendar Date	# permits: purse seine	drift net	set net	Number of Salmon: Chinook	Sockeye	Coho	Pink	Chum	Total
27	07/01-07/07	18	0	-	7	6,963	13	498	2,227	9,708
28	07/08-07/14	24	0	-	78	29,003	594	2,263	1,851	33,789
29	07/15-07/21	6	0	0	10	5,290	76	4,795	533	10,704
30	07/22-07/28	14	0	0	9	14,063	3,008	26,035	4,531	47,646
31	07/29-08/04	5	0	0	0	1,400	0	50,235	806	52,441
32	08/05-08/11	16	0	5	1	1,081	42	54,160	13,723	69,007
Purse seine					100	52,492	3,607	137,573	23,182	216,954
Set net					5	5,308	126	413	489	6,341
Totals		58	0	9	105	57,800	3,733	137,986	23,671	223,295

Appendix B.5. Volcano Bay commercial salmon catch by statistical week and species, 1990.

Stat. Week	Calendar Date	# permits: purse seine	drift net	set net	Number of Salmon: Chinook	Sockeye	Coho	Pink	Chum	Total
26	06/24-06/30	4	0	4	0	982	33	2,583	242	3,840
27	07/01-07/07	0	0	-	0	335	0	0	0	335
28	07/08-07/14	13	0	5	5	9,800	653	640	1,524	12,622
29	07/15-07/21	19	0	5	19	16,140	1,778	4,766	1,256	23,959
30	07/22-07/28	18	0	7	26	36,059	1,130	39,512	3,111	79,838
31	07/29-08/04	14	0	8	10	13,247	218	48,124	3,763	65,362
32	08/05-08/11	42	0	14	8	13,416	567	131,771	23,696	169,458
Purse seine					58	65,611	3,212	219,046	30,485	318,412
Set net					10	24,368	1,167	8,350	2,865	37,002
Totals		65	0	20	68	89,979	4,379	227,396	33,350	355,414

Appendix B.6. Belkofski Bay commercial salmon catch by statistical week and species, 1990.

Stat. Week	Calendar Date	# permits: purse seine	drift net	set net	Number of Salmon Chinook	Sockeye	Coho	Pink	Chum	Total
25	06/17-06/23	0	0	-	0	607	0	0	27	634
26	06/24-06/30	-	0	-	1	9	0	1,160	116	1,286
27	07/01-07/07	0	0	-	0	130	6	130	160	426
28	07/08-07/14	0	0	-	0	800	3	3	58	864
29	07/15-07/21	0	0	-	0	600	0	25	35	660
30	07/22-07/28	6	0	0	6	178	0	3,725	411	4,314
31	07/29-08/04	6	0	-	5	878	1	21,850	1,654	24,388
32	08/05-08/11	18	0	6	1	2,835	20	142,056	22,338	167,250
Purse seine					12	3,212	3	167,619	23,944	194,790
Set net					1	3,031	27	1,330	855	3,914
Totals		22	0	11	13	6,243	30	168,949	24,799	199,822

Appendix B.7. Morzhovoi Bay commercial salmon catch by statistical week and species, 1990.

Stat. Week	Calendar Date	# permits: purse seine	drift net	set net	Number of Salmon Chinook	Sockeye	Coho	Pink	Chum	Total
28	07/08-07/14	0	0	-	8	1,220	9	12	200	1,449
29	07/15-07/21	0	0	-	2	3,517	418	93	264	4,292
30	07/22-07/28	-	0	5	3	4,005	71	1,313	1,326	6,715
31	07/29-08/04	0	0	-	3	1,875	27	814	983	3,699
32	08/05-08/11	-	0	-	1	980	172	1,365	900	3,417
35	08/26-09/01	-	0	-	0	30	26	0	30	86
36	09/02-09/08	0	0	-	0	4	25	0	55	84
Purse seine						385	20	1,185	500	2,090
Set net					17	11,246	728	2,412	3,258	17,661
Totals		5	0	6	17	11,631	748	3,597	3,758	19,751

Appendix B.8. Ikatan Peninsula to Cape Lazaref commercial salmon catch by statistical week and species, 1990.

Stat. Week	Calendar Date	# permits: purse seine	drift net	set net	Number of Salmon: Chinook	Sockeye	Coho	Pink	Chum	Total
					June					
24	06/10-06/16	47	148	12	690	63,564	77	3,095	17,700	85,126
25	06/17-06/23	76	153	14	1,885	293,606	18	117,803	108,693	522,005
26	06/24-06/30	86	87	15	555	90,846	414	41,847	40,546	174,208
				Total	3,130	448,016	509	162,745	166,939	781,339
					Post-June					
27	07/01-07/07	14	35	6	68	22,598	375	5,998	9,847	38,886
28	07/08-07/14	0	32	6	42	22,912	3,219	44	8,041	34,258
29	07/15-07/21	-	26	4	16	12,343	5,062	597	2,652	21,670
30	07/22-07/28	-	48	-	36	50,199	16,814	7,880	15,937	90,866
31	07/29-08/04	-	36	-	9	27,185	13,433	15,598	10,355	66,580
32	08/05-08/11	-	37	-	6	21,617	6,938	28,101	8,483	65,145
36	09/02-09/08	-	-	-	0	80	98	4	132	3,045
				Total	178	156,934	45,941	58,222	55,600	317,274
Purse seine					902	164,361	123	186,961	46,790	399,137
Drift net					2,246	410,214	42,654	32,127	171,905	659,146
Set net					160	30,774	3,673	1,879	3,844	40,330
Totals		-	-	-	3,308	604,950	46,450	220,967	222,539	1,098,613

Appendix B.9. Cape Lutke commercial salmon catch by statistical week and species, 1990.

Stat. Week	Calendar Date	# permits: purse seine	drift net	set net	Number of Salmon Chinook	Sockeye	Coho	Pink	Chum	Total
24	06/10-06/16	32	30	0	509	51,408	0	26,253	17,822	95,992
25	06/17-06/23	54	62	0	2,734	407,532	1	197,095	136,455	743,817
26	06/24-06/30	52	28	0	2,071	173,566	0	59,137	124,870	359,644
Purse seine					3,412	457,688	0	282,485	214,960	958,545
Drift net					1,902	174,818	1	0	64,187	240,908
Totals		63	71	0	5,314	632,506	1	282,485	279,147	1,199,453

Appendix B.10. South Unimak commercial salmon catch by statistical week and species, 1990.

Stat. Week	Calendar Date	# permits: purse seine	drift net	set net	Number of Salmon: Chinook	Sockeye	Coho	Pink	Chum	Total
					June					
24	06/10-06/16	47	148	12	1,199	114,972	77	29,348	35,522	181,948
25	06/17-06/23	76	153	14	4,619	701,138	19	314,898	245,148	1,265,822
26	06/24-06/30	86	87	15	2,646	273,469	414	101,320	174,790	552,639
	Totals				8,444	1,080,522	510	445,230	446,086	1,980,702
					Post-June					
27	07/01-07/07	14	37	8	93	26,246	441	6,177	42,813	75,770
28	07/08-07/14	0	32	6	42	22,912	3,219	44	8,041	34,258
29	07/15-07/21	0	26	4	16	12,302	5,062	597	2,153	20,130
30	07/22-07/28	-	48	-	36	50,199	16,814	7,880	15,937	90,866
31	07/29-08/04	-	36	-	9	27,185	13,433	15,598	10,355	66,580
32	08/05-08/11	-	37	-	6	24,617	6,938	31,101	8,483	71,145
36	09/09-09/15	0	-	-	0	80	98	4	132	154
	Totals				202	164,176	46,514	62,718	88,330	358,903
Purse seine					4,356	636,923	184	472,961	302,816	1,417,240
Drift net					4,148	585,391	42,660	32,127	236,702	901,028
Set net					162	30,806	3,671	1,879	3,856	40,374
Totals		95	154	19	8,646	1,244,698	47,024	507,948	524,416	2,339,695

Appendix B.11. Aleutian Islands Management Area commercial salmon catch by statistical week and species, 1990.

Stat. Week	Calendar Date	# permits: purse seine	drift net	set net	Number of Salmon: Chinook	Sockeye	Coho	Pink	Chum	Total
30	07/22-07/28	-	0	0	0	2	0	400	25	427
31	07/29-08/04	-	0	0	0	5,301	0	26,063	188	31,552
32	08/05-08/11	12	0	0	2	6,719	65	192,410	756	231,504
33	08/12-08/18	12	0	0	0	413	9	63,950	69	64,441
Purse seine					2	12,435	74	282,823	1,038	296,372
Totals		15	0	0	2	12,435	74	282,823	1,038	296,372

Appendix B.12. Urilia Bay commercial salmon catch by statistical week and species, 1990.

Stat. Week	Calendar Date	# permits: purse seine	drift net	set net	Number of Salmon: Chinook	Sockeye	Coho	Pink	Chum	Total
23	06/03-06/09	-	0	-	2	1,481	0	0	0	1,483
24	06/10-06/16	-	4	-	0	3,705	0	0	0	3,705
25	06/17-06/23	-	-	0	1	20,394	0	0	0	20,395
26	06/24-06/30	8	7	4	4	43,155	0	0	0	43,159
27	07/01-07/07	8	28	5	7	35,940	0	0	122	36,069
36	09/02-09/08	-	0	0	0	0	1,300	0	0	1,300
Purse seine					3	53,468	1,300	0	43	54,814
Drift net					8	33,717	0	0	79	33,804
Set net					3	17,490	0	0	0	17,493
Totals		12	30	6	14	104,675	1,300	0	122	106,111

Appendix B.13. Swanson Lagoon commercial salmon catch by statistical week and species, 1990.

Stat. Week	Calendar Date	# permits: purse seine	drift net	set net	Number of Salmon Chinook	Sockeye	Coho	Pink	Chum	Total
26	06/24-06/30	-	0	0	0	210	0	0	250	460
27	07/01-07/07	-	15	0	26	9,905	0	0	3,614	13,545
28	07/08-07/14	-	-	0	0	1,500	0	0	944	2,444
29	07/15-07/21	-	-	-	1	1,663	0	0	647	2,311
36	09/02-09/08	-	0	-	0	205	4,060	0	0	4,265
37	09/09-09/15	-	0	-	0	35	510	0	0	545
Purse seine					0	2,538	1,960	0	3,679	8,177
Drift net					27	9,725	0	0	1,317	11,069
Set net					0	1,255	2,610	0	459	4,324
Totals		6	15	-	27	13,518	4,570	0	5,455	23,570

Appendix B.14. Izembek-Moffet Bay commercial salmon catch by statistical week and species, 1990.

Stat. Week	Calendar Date	# permits: purse seine	drift net	set net	Number of Salmon: Chinook	Sockeye	Coho	Pink	Chum	Total
26	06/24-06/30	-	0	0	0	150	0	0	700	850
27	07/01-07/07	-	0	0	0	550	0	0	1,000	1,550
28	07/08-07/14	4	0	0	0	2,340	0	0	5,700	8,040
29	07/15-07/21	4	0	0	0	1,728	0	31	5,998	7,757
30	07/22-07/28	10	0	0	0	11,730	0	9	2,355	14,094
31	07/29-08/04	11	0	0	1	22,930	0	90	8,230	31,258
Purse seine					1	39,428	0	130	23,983	63,594
Totals		16	0	0	1	39,428	0	130	23,983	63,594

Appendix B.15. Nelson Lagoon commercial salmon catch by statistical week and species, 1990.

Stat. Week	Calendar Date	# permits: purse seine	drift net	set net	Number of Salmon: Chinook	Sockeye	Coho	Pink	Chum	Total
23	06/03-06/09	0	4	16	460	483	0	0	0	943
24	06/10-06/16	0	-	19	789	2,621	0	0	0	3,410
25	06/17-06/23	0	4	23	1,112	12,185	0	0	0	13,297
26	06/24-06/30	0	13	27	837	61,094	0	0	1	61,932
27	07/01-07/07	0	17	29	265	114,988	0	0	13	115,266
28	07/08-07/14	0	14	28	92	101,755	0	1	31	101,879
29	07/15-07/21	0	11	26	12	32,233	0	0	366	32,611
30	07/22-07/28	0	11	22	4	19,972	2	1	323	20,302
31	07/29-08/04	0	10	22	1	33,927	89	5	982	35,004
32	08/05-08/11	0	7	20	0	17,230	517	3	377	18,127
33	08/12-08/18	0	7	23	1	7,318	2,949	3	58	10,329
34	08/19-08/25	0	13	22	0	4,280	12,606	8	10	16,904
35	08/26-09/01	0	14	24	0	1,691	21,733	1	1	23,426
36	09/02-09/08	0	13	24	0	545	33,918	0	7	34,470
37	09/09-09/15	0	11	14	0	95	7,420	0	0	7,515
Drift net					998	126,273	29,891	8	735	157,905
Set net					2,575	284,144	49,343	14	1,428	337,510
Totals		0	17	30	3,573	410,417	79,234	22	2,163	495,415

Appendix B.16. Herendeen Bay commercial salmon catch by statistical week and species, 1990.

Stat. Week	Calendar Date	# permits: purse seine	drift net	set net	Number of Salmon Chinook	Sockeye	Coho	Pink	Chum	Total
28	07/08-07/14	4	-	0	1	22	0	0	22,394	22,417
29	07/15-07/21	-	0	0	0	0	0	0	750	750
32	08/05-08/11	20	17	-	0	199	0	453,994	24,778	478,971
33	08/12-08/18	9	0	0	0	10	0	44,050	4,375	48,435
34	08/19-08/25	0	0	-	0	98	46	3	2	149
Purse seine					0	11	0	465,354	43,728	509,093
Drift net					1	220	0	16,690	7,769	24,680
Set net					0	98	46	16,003	802	16,949
Totals		20	18	-	1	329	46	498,047	52,299	550,722

Appendix B.17. Harbor Point to Cape Seniavin commercial salmon catch by statistical week and species, 1990.

Stat. Week	Calendar Date	# permits: purse seine	drift net	set net	Number of Salmon Chinook	Sockeye	Coho	Pink	Chum	Total
23	06/03-06/09	0	4	0	169	45	0	0	48	262
24	06/10-06/16	0	-	0	370	238	0	0	126	734
25	06/17-06/23	0	9	-	969	9,925	129	0	738	11,761
26	06/24-06/30	0	56	-	483	46,457	0	0	1,875	48,815
27	07/01-07/07	0	0	-	0	0	0	0	59	59
28	07/08-07/14	0	63	-	44	57,713	0	1	7,407	65,165
29	07/15-07/21	0	86	-	59	60,444	9	19	9,793	70,324
30	07/22-07/28	0	86	0	19	80,415	48	304	4,408	85,194
31	07/29-08/04	0	90	0	16	88,769	73	1,274	2,791	92,923
32	08/05-08/11	-	115	-	24	102,797	226	15,160	2,353	120,560
33	08/12-08/18	0	128	-	31	156,751	1,914	896	1,069	160,661
34	08/19-08/25	0	108	-	8	137,934	5,659	489	667	144,757
35	08/26-09/01	0	85	-	5	84,296	7,071	271	210	91,853
36	09/02-09/08	0	58	0	2	44,841	4,835	88	28	49,794
37	09/09-09/15	0	16	0	0	9,476	671	2	2	10,151
Purse seine					0	0	0	13,500	500	14,000
Drift net					2,139	875,690	20,076	4,945	26,917	929,767
Set net					60	3,894	559	59	4,157	8,729
Totals		-	141	4	2,199	880,101	20,635	18,504	31,574	953,013

Appendix B.18. Cape Seniavin to Strogonof Point commercial salmon catch by statistical week and species, 1990.

Stat. Week	Calendar Date	# permits: purse seine	drift net	set net	Number of Salmon: Chinook	Sockeye	Coho	Pink	Chum	Total
25	06/17-06/23	0	-	0	1	1,098	0	0	0	1,099
26	06/24-06/30	0	55	-	254	71,161	0	0	62	71,477
27	07/01-07/07	0	0	-	3	2,960	0	0	0	2,963
28	07/08-07/14	0	134	-	157	453,538	4	1	4,462	458,162
29	07/15-07/21	0	124	0	67	307,288	35	15	2,062	309,467
30	07/22-07/28	0	43	0	56	54,089	59	59	865	55,128
31	07/29-08/04	0	25	0	4	17,829	117	334	188	18,472
32	08/05-08/11	0	11	0	2	6,642	249	222	74	7,189
33	08/12-08/18	0	17	-	0	16,635	934	183	26	17,778
34	08/19-08/25	0	8	-	1	6,920	2,193	45	2	9,161
35	08/26-09/01	0	-	-	0	3,095	2,407	0	0	5,502
36	09/02-09/08	0	6	-	0	1,645	5,359	11	0	12,517
37	09/09-09/15	0	0	-	0	0	1,108	0	0	1,108
Drift net					538	932,732	3,807	870	7,741	945,688
Set net					7	10,168	8,658	0	0	18,833
Totals		0	146	4	545	942,900	12,465	870	7,741	964,521

Appendix B.19. Ilnik Lagoon commercial salmon catch by statistical week and species, 1990.

Stat. Week	Calendar Date	# permits: purse seine	drift net	set net	Number of Salmon Chinook	Sockeye	Coho	Pink	Chum	Total
25	06/17-06/23	0	0	-	1	1,098	0	0	0	1,099
26	06/24-06/30	0	0	-	1	1,360	0	0	0	1,361
27	07/01-07/07	0	0	-	3	2,960	0	0	0	2,963
28	07/08-07/14	0	0	-	1	2,194	0	0	0	2,195
29	07/15-07/21	0	0	-	0	800	0	0	0	800
34	08/19-08/25	0	0	-	1	305	690	0	0	996
35	08/26-09/01	0	0	-	0	550	1,350	0	0	1,900
36	09/02-09/08	0	0	-	0	20	3,660	0	0	3,680
37	09/09-09/15	0	0	-	0	0	1,108	0	0	1,108
Drift net					0	800	0	0	0	800
Set net					7	8,487	6,808	0	0	15,302
Totals		0	0	4	7	9,287	6,808	0	0	16,102

Appendix B.20. Inner Port Heiden commercial salmon catch by statistical week and species, 1990.

Stat. Week	Calendar Date	# permits: purse seine	drift net	set net	Number of Salmon Chinook	Sockeye	Coho	Pink	Chum	Total
23	06/03-06/09	0	4	-	545	2	0	0	1	548
24	06/10-06/16	0	12	4	2,347	32	0	0	22	2,401
25	06/17-06/23	0	12	4	1,678	1,725	1	0	143	3,547
26	06/24-06/30	0	11	-	126	2,141	0	0	102	2,369
27	07/01-07/07	0	0	-	0	996	0	0	0	996
28	07/08-07/14	0	-	-	0	4,064	0	0	0	4,064
29	07/15-07/21	0	0	-	0	468	0	0	0	468
32	08/05-08/11	0	-	0	0	77	194	0	0	271
33	08/12-08/18	0	17	-	3	140	7,025	0	1	7,169
34	08/19-08/25	0	16	-	0	31	10,120	0	0	10,151
35	08/26-09/01	0	16	5	0	25	16,388	0	0	16,413
36	09/02-09/08	0	13	4	0	0	5,214	0	0	5,214
Drift net					3,645	5,243	33,342	0	134	42,364
Set net					1,054	4,458	5,600	0	135	11,247
Totals		0	29	6	4,699	9,701	38,942	0	269	53,611

Appendix B.21. Cinder River Section commercial salmon catch by statistical week and species, 1990.

Stat. Week	Calendar Date	# permits: purse seine	drift net	set net	Number of Salmon Chinook	Sockeye	Coho	Pink	Chum	Total
23	06/03-06/09	0	-	0	13	2	0	0	0	15
24	06/10-06/16	0	-	0	48	50	0	0	0	98
33	08/12-08/18	0	15	6	1	495	5,654	73	44	6,267
34	08/19-08/25	0	27	10	1	495	17,703	30	44	18,273
35	08/26-09/01	0	27	9	0	204	12,377	48	10	12,639
36	09/02-09/08	0	0	-	0	0	50	0	1	51
Drift net					62	1,214	28,312	147	97	29,832
Set net					1	32	7,472	4	2	7,511
Totals		0	39	11	63	1,246	35,784	151	99	37,343

Appendix C.1. Sockeye salmon daily and cumulative escapement counts through the Nelson River weir, 1990.

Date	Daily Adults	Daily Jacks	Daily Total	Cumulative Adults	Cumulative Jacks	Cumulative Total	Daily Percent Adults	Daily Percent Jacks	Cumulative Percent Adults	Cumulative Percent Jacks	Cumulative Percent Total
June 5	2	1	3	2	1	3	0.0	0.0	0.0	0.0	0.0
6	0	0	0	2	1	3	0.0	0.0	0.0	0.0	0.0
7	4	0	4	6	1	7	0.0	0.0	0.0	0.0	0.0
8	4	1	5	10	2	12	0.0	0.0	0.0	0.0	0.0
9	18	2	20	28	4	32	0.0	0.0	0.0	0.0	0.0
10	6	1	7	34	5	39	0.0	0.0	0.0	0.0	0.0
11	2	1	3	36	6	42	0.0	0.0	0.0	0.0	0.0
12	10	0	10	46	6	52	0.0	0.0	0.0	0.0	0.0
13	23	8	31	69	14	83	0.0	0.0	0.0	0.0	0.0
14	28	5	33	97	19	116	0.0	0.0	0.0	0.0	0.0
15	298	32	330	395	51	446	0.1	0.0	0.2	0.0	0.2
16	128	12	140	523	63	586	0.1	0.0	0.2	0.0	0.2
17	53	6	59	576	69	645	0.0	0.0	0.2	0.0	0.3
18	120	11	131	696	80	776	0.0	0.0	0.3	0.0	0.3
19	134	11	145	830	91	921	0.1	0.0	0.3	0.0	0.4
20	142	31	173	972	122	1,094	0.1	0.0	0.4	0.1	0.5
21	619	206	825	1,591	328	1,919	0.3	0.1	0.7	0.1	0.8
22	449	114	563	2,040	442	2,482	0.2	0.0	0.8	0.2	1.0
23	1,522	492	2,014	3,562	934	4,496	0.6	0.2	1.5	0.4	1.9
24	2,234	830	3,064	5,796	1,764	7,560	0.9	0.3	2.4	0.7	3.1
25	5,988	1,055	7,043	11,784	2,819	14,603	2.5	0.4	4.9	1.2	6.1
26	3,970	1,484	5,454	15,754	4,303	20,057	1.6	0.6	6.5	1.8	8.3
27	3,576	324	3,900	19,330	4,627	23,957	1.5	0.1	8.0	1.9	10.0
28	4,702	1,820	6,522	24,032	6,447	30,479	2.0	0.8	10.0	2.7	12.7
29	7,726	1,029	8,755	31,758	7,476	39,234	3.2	0.4	13.2	3.1	16.3
30	8,064	1,275	9,339	39,822	8,751	48,573	3.4	0.5	16.5	3.6	20.2
July 1	15,264	1,324	16,588	55,086	10,075	65,161	6.3	0.6	22.9	4.2	27.1
2	14,963	404	15,367	70,049	10,479	80,528	6.2	0.2	29.1	4.4	33.5
3	10,824	654	11,478	80,873	11,133	92,006	4.5	0.3	33.6	4.6	38.2
4	8,139	279	8,418	89,012	11,412	100,424	3.4	0.1	37.0	4.7	41.7
5	8,072	419	8,491	97,084	11,831	108,915	3.4	0.2	40.3	4.9	45.2
6	5,248	112	5,360	102,332	11,943	114,275	2.2	0.0	42.5	5.0	47.5
7	15,336	617	15,953	117,668	12,560	130,228	6.4	0.3	48.9	5.2	54.1
8	13,570	309	13,879	131,238	12,869	144,107	5.6	0.1	54.5	5.3	59.9
9	8,508	255	8,763	139,746	13,124	152,870	3.5	0.1	58.1	5.5	63.5
10	8,483	276	8,759	148,229	13,400	161,629	3.5	0.1	61.6	5.6	67.1
11	3,858	215	4,073	152,087	13,615	165,702	1.6	0.1	63.2	5.7	68.8
12	6,992	630	7,622	159,079	14,245	173,324	2.9	0.3	66.1	5.9	72.0
13	13,505	1,276	14,781	172,584	15,521	188,105	5.6	0.5	71.7	6.4	78.1
14	7,543	477	8,020	180,127	15,998	196,125	3.1	0.2	74.8	6.6	81.5
15	5,237	290	5,527	185,364	16,288	201,652	2.2	0.1	77.0	6.8	83.8
16	5,993	166	6,159	191,357	16,454	207,811	2.5	0.1	79.5	6.8	86.3
17	4,532	72	4,604	195,889	16,526	212,415	1.9	0.0	81.4	6.9	88.2
18	4,382	70	4,452	200,271	16,596	216,867	1.8	0.0	83.2	6.9	90.1
19	3,103	52	3,155	203,374	16,648	220,022	1.3	0.0	84.5	6.9	91.4
20	3,617	128	3,745	206,991	16,776	223,767	1.5	0.1	86.0	7.0	93.0
21	4,081	79	4,160	211,072	16,855	227,927	1.7	0.0	87.7	7.0	94.7
22	2,676	69	2,745	213,748	16,924	230,672	1.1	0.0	88.8	7.0	95.8
23	1,607	61	1,668	215,355	16,985	232,340	0.7	0.0	89.5	7.1	96.5
24	1,112	53	1,165	216,467	17,038	233,505	0.5	0.0	89.9	7.1	97.0
25[a]	1,102	40	1,142	217,569	17,078	234,647	0.5	0.0	90.4	7.1	97.5
Post July 25	5,908[b]	145	6,053	223,477	17,223	240,700	2.5	0.1	92.8	7.2	100.0
Total	223,477	17,223	240,700	217,569	17,078	234,647	92.8	7.2	92.8	7.2	100.0

[a] July 25 escapement reflects only a partial daily count.

[b] Counts after July 25 are estimated from the escapement during years when weir counts continued late into the run.

Appendix C.2. Chinook, pink, and chum salmon daily and cumulative escapement counts through the Nelson River weir, 1990.

	Daily			Cumulative		
Date	Chinook	Pink	Chum	Chinook	Pink	Chum
June 14	2	0	0	2	0	0
15	8	0	0	10	0	0
16	0	0	0	10	0	0
17	0	0	0	10	0	0
18	1	0	0	11	0	0
19	0	0	0	11	0	0
20	0	0	0	11	0	0
21	0	0	0	11	0	0
22	0	0	0	11	0	0
23	0	0	0	11	0	0
24	1	0	0	12	0	0
25	1	0	0	13	0	0
26	0	0	0	13	0	0
27	0	0	0	13	0	0
28	0	0	0	13	0	0
29	1	2	0	14	2	0
30	0	0	0	14	2	0
July 1	2	1	0	16	3	0
2	0	2	0	16	5	0
3	1	1	0	17	6	0
4	0	0	0	17	6	0
5	5	0	0	22	6	0
6	2	0	0	24	6	0
7	1	1	0	25	7	0
8	3	0	0	28	7	0
9	1	0	1	29	7	1
10	69	0	1	98	7	2
11	5	0	0	103	7	2
12	9	0	1	112	7	3
13	25	0	16	137	7	19
14	1	0	1	138	7	20
15	0	0	1	138	7	21
16	1	0	3	139	7	24
17	1	1	7	140	8	31
18	9	0	9	149	8	40
19	2	0	5	151	8	45
20	5	0	8	156	8	53
21	50	0	63	206	8	116
22	4	0	13	210	8	129
23	0	0	15	210	8	144
24	5	0	26	215	8	170
25[a]	0	0	47	215	8	217
Total	215	8	217	215	8	217

[a]Post-25 July escapement listed under aerial survey counts.

Appendix C.3. Sockeye salmon daily and cumulative escapement counts through the Bear Lake weir, 1990.

		Daily			Cumulative			Daily Percent		Cumulative Percent		
Date		Adults	Jacks	Total	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total
June	6	3	1	4	3	1	4	0.0	0.0	0.0	0.0	0.0
	7	36	11	47	39	12	51	0.0	0.0	0.0	0.0	0.0
	8	57	16	73	96	28	124	0.0	0.0	0.0	0.0	0.0
	9	30	7	37	126	35	161	0.0	0.0	0.0	0.0	0.0
	10	8	1	9	134	36	170	0.0	0.0	0.0	0.0	0.0
	11	18	9	27	152	45	197	0.0	0.0	0.0	0.0	0.0
	12	206	44	250	358	89	447	0.0	0.0	0.1	0.0	0.1
	13	28	17	45	386	106	492	0.0	0.0	0.1	0.0	0.1
	14	333	64	397	719	170	889	0.1	0.0	0.1	0.0	0.2
	15	201	54	255	920	224	1,144	0.0	0.0	0.2	0.0	0.2
	16	62	30	92	982	254	1,236	0.0	0.0	0.2	0.0	0.2
	17	0	0	0	982	254	1,236	0.0	0.0	0.2	0.0	0.2
	18	0	0	0	982	254	1,236	0.0	0.0	0.2	0.0	0.2
	19	923	164	1,087	1,905	418	2,323	0.2	0.0	0.3	0.1	0.4
	20	507	71	578	2,412	489	2,901	0.1	0.0	0.4	0.1	0.5
	21	542	38	580	2,954	527	3,481	0.1	0.0	0.5	0.1	0.6
	22	121	54	175	3,075	581	3,656	0.0	0.0	0.6	0.1	0.7
	23	132	39	171	3,207	620	3,827	0.0	0.0	0.6	0.1	0.7
	24	834	112	946	4,041	732	4,773	0.2	0.0	0.7	0.1	0.9
	25	306	45	351	4,347	777	5,124	0.1	0.0	0.8	0.1	0.9
	26	3,209	181	3,390	7,556	958	8,514	0.6	0.0	1.4	0.2	1.6
	27	2,311	140	2,451	9,867	1,098	10,965	0.4	0.0	1.8	0.2	2.0
	28	1,827	188	2,015	11,694	1,286	12,980	0.3	0.0	2.1	0.2	2.4
	29	695	42	737	12,389	1,328	13,717	0.1	0.0	2.3	0.2	2.5
	30	994	61	1,055	13,383	1,389	14,772	0.2	0.0	2.4	0.3	2.7
July	1	2,521	94	2,615	15,904	1,483	17,387	0.5	0.0	2.9	0.3	3.2
	2	4,436	258	4,694	20,340	1,741	22,081	0.8	0.0	3.7	0.3	4.0
	3	10,445	503	10,948	30,785	2,244	33,029	1.9	0.1	5.6	0.4	6.0
	4	8,050	396	8,446	38,835	2,640	41,475	1.5	0.1	7.1	0.5	7.6
	5	3,068	174	3,242	41,903	2,814	44,717	0.6	0.0	7.7	0.5	8.2
	6	14,809	717	15,526	56,712	3,531	60,243	2.7	0.1	10.4	0.6	11.0
	7	20,499	935	21,434	77,211	4,466	81,677	3.7	0.2	14.1	0.8	14.9
	8	18,661	1,225	19,886	95,872	5,691	101,563	3.4	0.2	17.5	1.0	18.6
	9	11,188	882	12,070	107,060	6,573	113,633	2.0	0.2	19.6	1.2	20.8
	10	14,263	540	14,803	121,323	7,113	128,436	2.6	0.1	22.2	1.3	23.5
	11	9,517	339	9,856	130,840	7,452	138,292	1.7	0.1	23.9	1.4	25.3
	12	4,930	456	5,386	135,770	7,908	143,678	0.9	0.1	24.8	1.4	26.3
	13	1,190	23	1,213	136,960	7,931	144,891	0.2	0.0	25.0	1.5	26.5
	14	2,341	101	2,442	139,301	8,032	147,333	0.4	0.0	25.5	1.5	26.9
	15	3,940	402	4,342	143,241	8,434	151,675	0.7	0.1	26.2	1.5	27.7
	16	7,855	539	8,394	151,096	8,973	160,069	1.4	0.1	27.6	1.6	29.3
	17	6,621	498	7,119	157,717	9,471	167,188	1.2	0.1	28.8	1.7	30.6
	18	10,745	456	11,201	168,462	9,927	178,389	2.0	0.1	30.8	1.8	32.6
	19	6,560	348	6,908	175,022	10,275	185,297	1.2	0.1	32.0	1.9	33.9
	20	2,813	144	2,957	177,835	10,419	188,254	0.5	0.0	32.5	1.9	34.4
	21	10,130	521	10,651	187,965	10,940	198,905	1.9	0.1	34.4	2.0	36.4
	22	2,291	103	2,394	190,256	11,043	201,299	0.4	0.0	34.8	2.0	36.8
	23	3,003	132	3,135	193,259	11,175	204,434	0.5	0.0	35.3	2.0	37.4
	24	2,238	138	2,376	195,497	11,313	206,810	0.4	0.0	35.8	2.1	37.8
	25	7,107	432	7,539	202,604	11,745	214,349	1.3	0.1	37.1	2.1	39.2
	26	5,791	555	6,346	208,395	12,300	220,695	1.1	0.1	38.1	2.2	40.4
	27	2,012	152	2,164	210,407	12,452	222,859	0.4	0.0	38.5	2.3	40.8
	28	24,555	1,235	25,790	234,962	13,687	248,649	4.5	0.2	43.0	2.5	45.5
	29	13,433	672	14,105	248,395	14,359	262,754	2.5	0.1	45.4	2.6	48.1
	30	9,315	475	9,790	257,710	14,834	272,544	1.7	0.1	47.1	2.7	49.8
	31	10,823	487	11,310	268,533	15,321	283,854	2.0	0.1	49.1	2.8	51.9
Aug	1	4,274	163	4,437	272,807	15,484	288,291	0.8	0.0	49.9	2.8	52.7
	2	4,598	219	4,817	277,405	15,703	293,108	0.8	0.0	50.7	2.9	53.6
	3	11,290	498	11,788	288,695	16,201	304,896	2.1	0.1	52.8	3.0	55.8
	4	9,714	276	9,990	298,409	16,477	314,886	1.8	0.1	54.6	3.0	57.6
	5	7,433	45	7,478	305,842	16,522	322,364	1.4	0.0	55.9	3.0	59.0
	6	9,515	235	9,750	315,357	16,757	332,114	1.7	0.0	57.7	3.1	60.7
	7	8,325	228	8,553	323,682	16,985	340,667	1.5	0.0	59.2	3.1	62.3
	8	3,327	188	3,515	327,009	17,173	344,182	0.6	0.0	59.8	3.1	62.9
	9	9,823	280	10,103	336,832	17,453	354,285	1.8	0.1	61.6	3.2	64.8
	10	8,394	337	8,731	345,226	17,790	363,016	1.5	0.1	63.1	3.3	66.4
	11	659	42	701	345,885	17,832	363,717	0.1	0.0	63.3	3.3	66.5
	12	11,735	980	12,715	357,620	18,812	376,432	2.1	0.2	65.4	3.4	68.8
	13	8,558	249	8,807	366,178	19,061	385,239	1.6	0.0	67.0	3.5	70.5
	14	7,480	378	7,858	373,658	19,439	393,097	1.4	0.1	68.3	3.6	71.9
	15	2,000	100	2,100	375,658	19,539	395,197	0.4	0.0	68.7	3.6	72.3

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Date	Daily			Cumulative			Daily Percent		Cumulative Percent		
	Adults	Jacks	Total	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total
Aug 16	3,540	144	3,684	379,198	19,683	398,881	0.6	0.0	69.3	3.6	72.9
17	3,382	122	3,504	382,580	19,805	402,385	0.6	0.0	70.0	3.6	73.6
18	3,085	23	3,108	385,665	19,828	405,493	0.6	0.0	70.5	3.6	74.2
19	19,759	267	20,026	405,424	20,095	425,519	3.6	0.0	74.1	3.7	77.8
20	11,702	235	11,937	417,126	20,330	437,456	2.1	0.0	76.3	3.7	80.0
21	2,159	58	2,217	419,285	20,388	439,673	0.4	0.0	76.7	3.7	80.4
22	508	4	512	419,793	20,392	440,185	0.1	0.0	76.8	3.7	80.5
23	3,469	17	3,486	423,262	20,409	443,671	0.6	0.0	77.4	3.7	81.1
24	2,933	2	2,935	426,195	20,411	446,606	0.5	0.0	77.9	3.7	81.7
25	4,399	63	4,462	430,594	20,474	451,068	0.8	0.0	78.7	3.7	82.5
26	1,941	43	1,984	432,535	20,517	453,052	0.4	0.0	79.1	3.8	82.9
27	2,639	39	2,678	435,174	20,556	455,730	0.5	0.0	79.6	3.8	83.3
28	12,789	142	12,931	447,963	20,698	468,661	2.3	0.0	81.9	3.8	85.7
29	11,542	617	12,159	459,505	21,315	480,820	2.1	0.1	84.0	3.9	87.9
30[a]	10,995	367	11,362	470,500	21,682	492,182	2.0	0.1	86.0	4.0	90.0
Post August 30	53,269[b]	1,349	54,618	523,769	23,031	546,800	9.7	0.2	95.8	4.2	100.0
Total	523,769	23,031	546,800	470,500	21,682	546,800	86.0	4.0	86.0	4.0	90.0

[a] August 30 escapement reflects only a partial daily count.

[b] Counts after August 30 are estimated from the escapement during years when weir counts continued late into the run.

Appendix C.4. Chinook, pink, and chum salmon daily and cumulative escapement counts through the Bear River weir, 1990.

Date		Daily			Cumulative		
		Chinook	Pink	Chum	Chinook	Pink	Chum
July	1	0	0	0	0	0	0
	2	2	0	0	2	0	0
	3	0	0	0	2	0	0
	4	0	6	0	2	6	0
	5	0	2	0	2	8	0
	6	0	7	0	2	15	0
	7	0	4	0	2	19	0
	8	0	5	0	2	24	0
	9	0	3	0	2	27	0
	10	0	9	0	2	36	0
	11	0	2	0	2	38	0
	12	2	2	0	4	40	0
	13	0	0	0	4	40	0
	14	0	6	0	4	46	0
	15	1	12	0	5	58	0
	16	3	60	0	8	118	0
	17	1	15	0	9	133	0
	18	2	48	0	11	181	0
	19	0	15	0	11	196	0
	20	2	22	0	13	218	0
	21	1	91	0	14	309	0
	22	0	22	0	14	331	0
	23	2	17	0	16	348	0
	24	2	33	1	18	381	1
	25	1	62	1	19	443	2
	26	1	114	0	20	557	2
	27	0	25	0	20	582	2
	28	5	160	1	25	742	3
	29	1	114	0	26	856	3
	30	0	60	0	26	916	3
	31	0	74	0	26	990	3
Aug	1	0	57	0	26	1,047	3
	2	0	55	2	26	1,102	5
	3	0	222	2	26	1,324	7
	4	0	10	0	26	1,334	7
	5	3	16	0	29	1,350	7
	6	1	25	0	30	1,375	7
	7	1	49	1	31	1,424	8
	8	0	4	0	31	1,428	8
	9	0	0	5	31	1,428	13
	10	0	5	4	31	1,433	17
	11	0	0	0	31	1,433	17

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Date	Daily			Cumulative		
	Chinook	Pink	Chum	Chinook	Pink	Chum
Aug 12	0	468	25	31	1,901	42
13	0	82	3	31	1,983	45
14	1	104	4	32	2,087	49
15	0	0	0	32	2,087	49
16	0	4	2	32	2,091	51
17	0	25	3	32	2,116	54
18	0	3	4	32	2,119	58
19	0	37	11	32	2,156	69
20	0	12	0	32	2,168	69
21	0	0	0	32	2,168	69
22	0	0	0	32	2,168	69
23	1	0	3	33	2,168	72
24	0	0	7	33	2,168	79
25	1	0	3	34	2,168	82
26	0	3	2	34	2,171	84
27	0	1	1	34	2,172	85
28	0	0	1	34	2,172	86
29	0	7	5	34	2,179	91
30	1	4	3	35	2,183	94
31[a]	0	9	3	35	2,192	97
Total	35	2,192	97	35	2,192	97

[a]August 31 escapement reflects only a partial daily count.

Appendix C.5. Sockeye salmon daily and cumulative escapement counts through the Orzenoi Lake weir, 1990.

	Daily			Cumulative			Daily Percent		Cumulative Percent		
Date	Adults	Jacks	Total	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total
June 27	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
28	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
29	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
30	0	1	1	0	1	1	0.0	0.0	0.0	0.0	0.0
July 1	2	1	3	2	2	4	0.0	0.0	0.0	0.0	0.0
2	36	4	40	38	6	44	0.2	0.0	0.3	0.0	0.3
3	0	0	0	38	6	44	0.0	0.0	0.3	0.0	0.3
4	0	0	0	38	6	44	0.0	0.0	0.3	0.0	0.3
5	275	11	286	313	17	330	1.8	0.1	2.1	0.1	2.2
6	233	7	240	546	24	570	1.6	0.0	3.6	0.2	3.8
7	52	7	59	598	31	629	0.3	0.0	4.0	0.2	4.2
8	10	0	10	608	31	639	0.1	0.0	4.1	0.2	4.3
9	0	0	0	608	31	639	0.0	0.0	4.1	0.2	4.3
10	120	3	123	728	34	762	0.8	0.0	4.9	0.2	5.1
11	199	9	208	927	43	970	1.3	0.1	6.2	0.3	6.5
12	787	73	860	1,714	116	1,830	5.2	0.5	11.4	0.8	12.2
13	0	0	0	1,714	116	1,830	0.0	0.0	11.4	0.8	12.2
14	3	0	3	1,717	116	1,833	0.0	0.0	11.4	0.8	12.2
15	29	21	50	1,746	137	1,883	0.2	0.1	11.6	0.9	12.6
16	526	27	553	2,272	164	2,436	3.5	0.2	15.1	1.1	16.2
17	39	103	142	2,311	267	2,578	0.3	0.7	15.4	1.8	17.2
18	4,374	199	4,573	6,685	466	7,151	29.2	1.3	44.6	3.1	47.7
19	63	2	65	6,748	468	7,216	0.4	0.0	45.0	3.1	48.1
20	907	92	999	7,655	560	8,215	6.0	0.6	51.0	3.7	54.8
21	774	114	888	8,429	674	9,103	5.2	0.8	56.2	4.5	60.7
22	195	33	228	8,624	707	9,331	1.3	0.2	57.5	4.7	62.2
23	260	22	282	8,884	729	9,613	1.7	0.1	59.2	4.9	64.1
24	666	83	749	9,550	812	10,362	4.4	0.6	63.7	5.4	69.1
25	38	20	58	9,588	832	10,420	0.3	0.1	63.9	5.5	69.5
26	25	4	29	9,613	836	10,449	0.2	0.0	64.1	5.6	69.7
27	8	0	8	9,621	836	10,457	0.1	0.0	64.1	5.6	69.7
28	113	37	150	9,734	873	10,607	0.8	0.2	64.9	5.8	70.7
29	331	68	399	10,065	941	11,006	2.2	0.5	67.1	6.3	73.4
30	385	101	486	10,450	1,042	11,492	2.6	0.7	69.7	6.9	76.6
31	577	92	669	11,027	1,134	12,161	3.8	0.6	73.5	7.6	81.1
Aug 1	0	0	0	11,027	1,134	12,161	0.0	0.0	73.5	7.6	81.1
2	41	6	47	11,068	1,140	12,208	0.3	0.0	73.8	7.6	81.4
3	264	70	334	11,332	1,210	12,542	1.8	0.5	75.5	8.1	83.6
4	142	88	230	11,474	1,298	12,772	0.9	0.6	76.5	8.7	85.1
5	376	150	526	11,850	1,448	13,298	2.5	1.0	79.0	9.7	88.7
6[a]	163	6	169	12,013	1,454	13,467	1.1	0.0	80.1	9.7	89.8
Post 6[b]	1,150	383	1,533	13,163	1,837	15,000	7.7	2.6	87.8	12.2	100.0
Total	13,163	1,837	15,000	13,163	1,837	15,000	87.8	12.2	87.8	12.2	100.0

[a] August 6 escapement reflects only a partial daily count (through noon).

[b] Counts after August 6 are estimated from aerial surveys.

Appendix C.6. Pink and chum salmon daily and cumulative escapement counts through the Orzenoi Lake weir, 1990.

Date		Daily		Cumulative	
		Pink	Chum	Pink	Chum
July	1	0	0	0	0
	2	0	0	0	0
	3	0	0	0	0
	4	0	0	0	0
	5	0	0	0	0
	6	0	0	0	0
	7	0	0	0	0
	8	0	0	0	0
	9	0	0	0	0
	10	0	0	0	0
	11	0	0	0	0
	12	0	0	0	0
	13	0	0	0	0
	14	0	0	0	0
	15	0	0	0	0
	16	0	0	0	0
	17	0	0	0	0
	18	0	0	0	0
	19	0	0	0	0
	20	3	0	3	0
	21	21	0	24	0
	22	5	0	29	0
	23	0	0	29	0
	24	13	2	42	2
	25	2	0	44	2
	26	1	0	45	2
	27	0	0	45	2
	28	1	0	46	2
	29	22	0	68	2
	30	1	0	69	2
	31	21	3	90	5
Aug	1	0	0	90	5
	2	3	1	93	6
	3	21	2	114	8
	4	111	5	225	13
	5	245	6	470	19
	6[a]	146	3	616	22
Total		616	22	616	22

[a] August 6 escapement reflects only a partial daily count (through (noon). See aerial surveys for complete counts

Appendix D.1. Estimated age composition of chinook catches from Nelson Lagoon Section by statistical week, 1990.

Statistical Week	Sample Size		AGES 1.1	1.2	1.3	1.4	1.5	Total
23-24	356	Percent	0.0	16.6	19.9	55.9	7.6	100.0
		Numbers	0	207	249	698	95	1,249
		SE	0	25	26	33	18	
25-37	565	Percent	0.3	2.7	13.3	71.7	12.0	100.0
		Numbers	8	62	308	1,666	280	2,324
		SE	6	16	33	44	32	
Total	921	Percent	0.2	7.5	15.6	66.2	10.5	100.0
		Numbers	8	269	557	2,364	375	3,573
		SE	6	29	42	55	36	

Appendix D.2. Estimated age composition of chinook catches from Harbor Point to Cape Seniavin by statistical week, 1990.

Statistical Week	Sample Size		AGES 1.1	1.2	1.3	1.4	1.5	Total
23	171	Percent	0.0	11.8	16.6	56.2	16.0	100.0
		Numbers	0	20	28	95	27	169
		SE	0	4	5	6	5	
24	374	Percent	0.0	9.5	19.2	63.5	7.8	100.0
		Numbers	0	35	71	235	29	370
		SE	0	6	8	9	5	
25	361	Percent	2.0	21.6	20.2	49.3	6.9	100.0
		Numbers	19	209	196	478	67	969
		SE	7	21	21	26	13	
26-37	91	Percent	3.3	34.0	15.3	41.8	5.5	100.0
		Numbers	23	235	106	289	38	691
		SE	13	35	26	36	17	
Total	997	Percent	1.9	22.7	18.2	49.9	7.3	100.0
		Numbers	42	499	401	1,097	161	2,199
		SE	15	41	35	45	22	

Appendix E.1. Estimated age composition of sockeye catches from Southeast District Mainland by statistical week, 1990.

Statistical Week	Sample Size		AGES 0.2	0.3	1.2	1.3	2.2	1.4	2.3	2.4	Total
28	543	Percent	0.0	0.7	15.5	51.6	5.9	0.7	25.4	0.2	100.0
		Numbers	0	559	11,738	39,128	4,472	559	19,285	140	75,881
		SE	0	279	1,179	1,629	768	279	1,419	140	
29	732	Percent	0.3	1.1	7.6	52.3	3.8	1.1	33.5	0.3	100.0
		Numbers	241	963	6,743	46,121	3,372	963	29,503	241	88,147
		SE	170	339	867	1,628	625	339	1,538	170	
30-40	258	Percent	0.8	0.4	11.2	61.2	6.6	0.0	19.8	0.0	100.0
		Numbers	879	440	12,750	69,466	7,474	0	22,423	0	113,432
		SE	621	440	2,235	3,447	1,755	0	2,818	0	
Total	1,533	Percent	0.4	0.7	11.3	55.8	5.5	0.5	25.7	0.1	100.0
		Numbers	1,120	1,962	31,231	154,715	15,318	1,522	71,211	381	277,460
		SE	643	621	2,671	4,146	2,015	439	3,510	220	

Appendix E.2. Estimated age composition of sockeye catches from Shumagin Islands Section by statistical week, 1990.

Statistical Week	Sample Size		AGES 0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	2.4	3.3	Total
24	183	Percent	0.0	0.0	1.1	13.1	0.0	0.0	44.8	14.2	1.1	25.7	0.0	0.0	0.0	100.0
		Numbers	0	0	436	5,234	0	0	17,883	5,670	436	10,250	0	0	0	39,910
		SE	0	0	308	999	0	0	1,471	1,033	308	1,292	0	0	0	
25	534	Percent	0.2	0.0	1.7	22.8	0.0	0.0	26.6	26.0	0.2	21.7	0.7	0.0	0.0	100.0
		Numbers	404	0	3,636	49,289	0	0	57,369	56,157	404	46,865	1,616	0	0	215,739
		SE	404	0	1,203	3,923	0	0	4,129	4,100	404	3,853	806	0	0	
27	693	Percent	0.1	0.0	2.0	26.0	0.0	0.1	31.7	21.2	0.1	18.3	0.1	0.0	0.1	100.0
		Numbers	46	0	644	8,279	0	46	10,119	6,761	46	5,841	46	0	46	31,874
		SE	46	0	170	531	0	46	564	495	46	469	46	0	46	
28	540	Percent	0.6	0.0	1.1	17.8	0.0	0.0	41.7	17.2	0.6	20.6	0.4	0.2	0.0	100.0
		Numbers	531	0	1,062	16,999	0	0	39,842	16,468	531	19,655	354	177	0	95,621
		SE	306	0	432	1,575	0	0	2,031	1,555	306	1,664	250	177	0	
29	765	Percent	0.0	0.0	2.4	8.4	0.0	0.0	52.2	6.5	0.9	29.4	0.0	0.3	0.0	100.0
		Numbers	0	0	622	2,212	0	0	13,792	1,728	242	7,777	0	69	0	26,443
		SE	0	0	145	265	0	0	478	236	91	436	0	49	0	
30	545	Percent	0.0	0.0	2.2	8.3	0.0	0.0	44.8	14.1	0.7	29.7	0.0	0.2	0.0	100.0
		Numbers	0	0	2,903	10,886	0	0	59,025	18,627	968	39,189	0	242	0	131,838
		SE	0	0	829	1,556	0	0	2,811	1,969	482	2,583	0	242	0	
31	528	Percent	0.4	0.0	3.2	9.7	0.0	0.0	40.7	13.6	0.4	31.6	0.2	0.2	0.0	100.0
		Numbers	263	0	2,232	6,695	0	0	28,222	9,451	263	21,922	131	131	0	69,309
		SE	185	0	533	892	0	0	1,483	1,036	185	1,404	131	131	0	
32-33	542	Percent	0.6	0.2	2.0	14.8	0.4	0.0	33.6	23.6	0.2	24.2	0.6	0.0	0.0	100.0
		Numbers	264	88	968	7,041	176	0	16,018	11,266	88	11,530	264	0	0	47,703
		SE	152	88	289	727	124	0	969	871	88	878	152	0	0	
35-40	482	Percent	0.0	0.4	1.0	1.2	0.4	0.0	6.6	10.4	0.2	78.0	1.2	0.4	0.0	100.0
		Numbers	0	90	225	270	90	0	1,440	2,249	45	16,916	270	90	0	21,685
		SE	0	64	100	110	64	0	246	301	45	410	110	64	0	
Total	4,812	Percent	0.2	0.0	1.9	15.7	0.0	0.0	35.8	18.9	0.4	26.5	0.4	0.1	0.0	100.0
		Numbers	1,508	178	12,728	106,905	266	46	243,710	128,377	3,023	179,945	2,681	709	46	680,122
		SE	563	109	1,686	4,794	140	46	5,914	5,138	799	5,411	875	337	46	

Appendix E.3. Estimated age composition of sockeye catches from Shumagin Islands Section, statistical weeks 24 and 25, June, 1990.

Statistical Week	Sample Size		AGES 0.2	0.3	1.2	1.3	2.2	1.4	2.3	3.2	Total
24	183	Percent	0.0	1.1	13.1	44.8	14.2	1.1	25.7	0.0	100.0
		Numbers	0	436	5,234	17,883	5,670	436	10,250	0	39,910
		SE	0	308	999	1,471	1,033	308	1,292	0	
25	534	Percent	0.2	1.7	22.8	26.6	26.0	0.2	21.7	0.7	100.0
		Numbers	404	3,636	49,289	57,369	56,157	404	46,865	1,616	215,739
		SE	404	1,203	3,923	4,129	4,100	404	3,853	806	
Total	717	Percent	0.2	1.6	21.3	29.4	24.2	0.3	22.3	0.6	100.0
		Numbers	404	4,072	54,523	75,252	61,827	840	57,115	1,616	255,649
		SE	404	1,242	4,048	4,383	4,229	508	4,064	806	

Appendix E.4. Estimated age composition of sockeye catches from Shumagin Islands Section, statistical weeks 27 through 40, post-June, 1990.

Statistical Week	Sample Size		AGES 0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	2.4	3.3	Total
27	693	Percent	0.1	0.0	2.0	26.0	0.0	0.1	31.7	21.2	0.1	18.3	0.1	0.0	0.1	100.0
		Numbers	46	0	644	8,279	0	46	10,119	6,761	46	5,841	46	0	46	31,874
		SE	46	0	170	531	0	46	564	495	46	469	46	0	46	
28	540	Percent	0.6	0.0	1.1	17.8	0.0	0.0	41.7	17.2	0.6	20.6	0.4	0.2	0.0	100.0
		Numbers	531	0	1,062	16,999	0	0	39,842	16,468	531	19,655	354	177	0	95,621
		SE	306	0	432	1,575	0	0	2,031	1,555	306	1,664	250	177	0	
29	765	Percent	0.0	0.0	2.4	8.4	0.0	0.0	52.2	6.5	0.9	29.4	0.0	0.3	0.0	100.0
		Numbers	0	0	622	2,212	0	0	13,792	1,728	242	7,777	0	69	0	26,443
		SE	0	0	145	265	0	0	478	236	91	436	0	49	0	
30	545	Percent	0.0	0.0	2.2	8.3	0.0	0.0	44.8	14.1	0.7	29.7	0.0	0.2	0.0	100.0
		Numbers	0	0	2,903	10,886	0	0	59,025	18,627	968	39,189	0	242	0	131,838
		SE	0	0	829	1,556	0	0	2,811	1,969	482	2,583	0	242	0	
31	528	Percent	0.4	0.0	3.2	9.7	0.0	0.0	40.7	13.6	0.4	31.6	0.2	0.2	0.0	100.0
		Numbers	263	0	2,232	6,695	0	0	28,222	9,451	263	21,922	131	131	0	69,309
		SE	185	0	533	892	0	0	1,483	1,036	185	1,404	131	131	0	
32-33	542	Percent	0.6	0.2	2.0	14.8	0.4	0.0	33.6	23.6	0.2	24.2	0.6	0.0	0.0	100.0
		Numbers	264	88	968	7,041	176	0	16,018	11,266	88	11,530	264	0	0	47,703
		SE	152	88	289	727	124	0	969	871	88	878	152	0	0	
35-40	482	Percent	0.0	0.4	1.0	1.2	0.4	0.0	6.6	10.4	0.2	78.0	1.2	0.4	0.0	100.0
		Numbers	0	90	225	270	90	0	1,440	2,249	45	16,916	270	90	0	21,685
		SE	0	64	100	110	64	0	246	301	45	410	110	64	0	
Total	4,095	Percent	0.3	0.0	2.0	12.3	0.1	0.0	39.7	15.7	0.5	28.9	0.3	0.2	0.0	100.0
		Numbers	1,104	178	8,656	52,382	266	46	168,458	66,550	2,183	122,830	1,065	709	46	424,473
		SE	392	109	1,141	2,567	140	46	3,971	2,919	617	3,573	342	337	46	

Appendix E.5. Estimated age composition of sockeye catches from Pavlof Bay by statistical week, 1990.

Statistical Week	Sample Size		AGES 0.2	0.3	1.2	2.1	1.3	2.2	1.4	2.3	2.4	3.3	Total
27	334	Percent	0.0	2.4	18.6	0.0	52.7	8.7	0.0	17.7	0.0	0.0	100.0
		Numbers	0	167	1,293	0	3,669	605	0	1,230	0	0	6,963
		SE	0	58	148	0	191	107	0	146	0	0	
28	549	Percent	0.2	1.3	12.0	0.0	58.8	7.5	0.4	19.5	0.2	0.2	100.0
		Numbers	53	370	3,487	0	17,064	2,166	106	5,653	53	53	29,003
		SE	53	139	403	0	610	326	75	491	53	53	
29	508	Percent	0.0	1.4	5.9	0.2	68.3	3.9	0.4	19.9	0.0	0.0	100.0
		Numbers	0	73	312	10	3,613	208	21	1,052	0	0	5,290
		SE	0	27	55	10	109	46	15	94	0	0	
30	550	Percent	0.0	1.6	6.4	0.2	64.9	2.2	0.2	24.5	0.0	0.0	100.0
		Numbers	0	230	895	26	9,128	307	26	3,452	0	0	14,063
		SE	0	76	147	26	286	88	26	258	0	0	
31	552	Percent	0.7	2.1	9.6	0.0	56.7	7.4	0.0	23.4	0.0	0.0	100.0
		Numbers	10	30	134	0	794	104	0	327	0	0	1,400
		SE	5	9	18	0	30	16	0	25	0	0	
32	511	Percent	0.0	0.4	5.8	0.0	59.9	4.3	0.0	29.5	0.0	0.0	100.0
		Numbers	0	4	63	0	647	47	0	319	0	0	1,081
		SE	0	3	11	0	23	10	0	22	0	0	
Total	3,004	Percent	0.1	1.5	10.7	0.1	60.4	5.9	0.3	20.8	0.1	0.1	100.0
		Numbers	63	874	6,184	36	34,915	3,437	153	12,033	53	53	57,800
		SE	53	171	458	28	710	357	80	582	53	53	

Appendix E.6. Estimated age composition of sockeye catches from Volcano Bay by statistical week, 1990.

Statistical Week	Sample Size		AGES 0.2	0.3	1.2	1.3	2.2	1.4	2.3	2.4	Total
26-32	390	Percent	0.5	2.6	16.2	55.9	5.9	0.3	18.5	0.3	100.0
		Numbers	461	2,307	14,535	50,296	5,306	231	16,612	231	89,979
		SE	326	721	1,679	2,265	1,075	231	1,770	231	
Total	390	Percent	0.5	2.6	16.2	55.9	5.9	0.3	18.5	0.3	100.0
		Numbers	461	2,307	14,535	50,296	5,306	231	16,612	231	89,979
		SE	326	721	1,679	2,265	1,075	231	1,770	231	

Appendix E.7. Estimated age composition of sockeye catches from Morzhovi Bay by statistical week, 1990.

Statistical Week	Sample Size		AGES 0.3	1.2	1.3	2.2	2.3	Total
28-36	403	Percent	13.9	13.6	36.2	10.7	25.6	100.0
		Numbers	1,616	1,587	4,214	1,241	2,973	11,631
		SE	201	199	279	179	253	
Total	403	Percent	13.9	13.6	36.2	10.7	25.6	100.0
		Numbers	1,616	1,587	4,214	1,241	2,973	11,631
		SE	201	199	279	179	253	

Appendix E.8. Estimated age composition of sockeye catches from Ikatan Peninsula to Cape Lazaref by statistical week, 1990.

Statistical Week	Sample Size		AGES 0.2	0.3	1.2	2.1	1.3	2.2	1.4	2.3	3.2	2.4	3.3	Total
24	320	Percent	0.9	0.6	12.5	0.0	31.3	25.9	0.0	28.8	0.0	0.0	0.0	100.0
		Numbers	596	397	7,946	0	19,864	16,487	0	18,275	0	0	0	63,564
		SE	343	280	1,177	0	1,650	1,560	0	1,611	0	0	0	
25	724	Percent	0.1	0.7	13.4	0.0	16.6	40.2	0.0	28.9	0.1	0.0	0.0	100.0
		Numbers	406	2,028	39,337	0	48,664	118,010	0	84,756	406	0	0	293,606
		SE	406	904	3,719	0	4,060	5,354	0	4,948	406	0	0	
26	729	Percent	0.1	0.5	21.9	0.1	20.4	36.6	0.3	19.6	0.3	0.0	0.0	100.0
		Numbers	125	498	19,939	125	18,568	33,273	249	17,820	249	0	0	90,846
		SE	125	249	1,394	125	1,358	1,622	176	1,337	176	0	0	
27	352	Percent	0.0	2.3	17.3	0.0	31.3	21.0	0.0	27.6	0.0	0.3	0.3	100.0
		Numbers	0	514	3,916	0	7,062	4,751	0	6,227	0	64	64	22,598
		SE	0	180	457	0	559	491	0	539	0	64	64	
28	527	Percent	0.0	5.9	6.6	0.0	35.3	12.0	0.2	39.7	0.2	0.2	0.0	100.0
		Numbers	0	1,348	1,522	0	8,087	2,739	43	9,087	43	43	0	22,912
		SE	0	235	249	0	477	324	43	489	43	43	0	
29-30	545	Percent	0.0	6.2	5.5	0.0	49.7	5.1	0.0	33.4	0.0	0.0	0.0	100.0
		Numbers	0	3,902	3,443	0	31,099	3,213	0	20,886	0	0	0	62,542
		SE	0	649	612	0	1,341	592	0	1,265	0	0	0	
31-36	209	Percent	0.0	6.2	16.7	0.0	52.6	6.7	0.0	17.2	0.5	0.0	0.0	100.0
		Numbers	0	3,041	8,186	0	25,727	3,274	0	8,420	234	0	0	48,882
		SE	0	819	1,266	0	1,692	847	0	1,280	234	0	0	
Total	3,406	Percent	0.2	1.9	13.9	0.0	26.3	30.0	0.0	27.4	0.2	0.0	0.0	100.0
		Numbers	1,127	11,728	84,289	125	159,071	181,747	292	165,471	932	107	64	604,950
		SE	546	1,462	4,405	125	5,124	5,928	181	5,712	502	78	64	

Appendix E.9. Estimated age composition of sockeye catches from Ikatan Peninsula to Cape Lazaref, statistical weeks 24 through 26, June, 1990.

Statistical Week	Sample Size		AGES 0.2	0.3	1.2	2.1	1.3	2.2	1.4	2.3	3.2	Total
24	320	Percent	0.9	0.6	12.5	0.0	31.3	25.9	0.0	28.8	0.0	100.0
		Numbers	596	397	7,946	0	19,864	16,487	0	18,275	0	63,564
		SE	343	280	1,177	0	1,650	1,560	0	1,611	0	
25	724	Percent	0.1	0.7	13.4	0.0	16.6	40.2	0.0	28.9	0.1	100.0
		Numbers	406	2,028	39,337	0	48,664	118,010	0	84,756	406	293,606
		SE	406	904	3,719	0	4,060	5,354	0	4,948	406	
26	729	Percent	0.1	0.5	21.9	0.1	20.4	36.6	0.3	19.6	0.3	100.0
		Numbers	125	498	19,939	125	18,568	33,273	249	17,820	249	90,846
		SE	125	249	1,394	125	1,358	1,622	176	1,337	176	
Total	1,773	Percent	0.3	0.7	15.0	0.0	19.4	37.4	0.1	27.0	0.1	100.0
		Numbers	1,127	2,923	67,222	125	87,096	167,770	249	120,851	655	448,016
		SE	546	979	4,143	125	4,588	5,807	176	5,373	442	

Appendix E.10. Estimated age composition of sockeye catches from Ikatan Peninsula to Cape Lazaref, statistical weeks 27 through 32, post-June, 1990.

Statistical Week	Sample Size		AGES 0.3	1.2	1.3	2.2	1.4	2.3	3.2	2.4	3.3	Total
27	352	Percent	2.3	17.3	31.3	21.0	0.0	27.6	0.0	0.3	0.3	100.0
		Numbers	514	3,916	7,062	4,751	0	6,227	0	64	64	22,598
		SE	180	457	559	491	0	539	0	64	64	
28	527	Percent	5.9	6.6	35.3	12.0	0.2	39.7	0.2	0.2	0.0	100.0
		Numbers	1,348	1,522	8,087	2,739	43	9,087	43	43	0	22,912
		SE	235	249	477	324	43	489	43	43	0	
29-30	545	Percent	6.2	5.5	49.7	5.1	0.0	33.4	0.0	0.0	0.0	100.0
		Numbers	3,902	3,443	31,099	3,213	0	20,886	0	0	0	62,542
		SE	649	612	1,341	592	0	1,265	0	0	0	
31-36	209	Percent	6.2	16.7	52.6	6.7	0.0	17.2	0.5	0.0	0.0	100.0
		Numbers	3,041	8,186	25,727	3,274	0	8,420	234	0	0	48,882
		SE	819	1,266	1,692	847	0	1,280	234	0	0	
Total	1,633	Percent	5.6	10.9	45.9	8.9	0.0	28.4	0.2	0.1	0.0	100.0
		Numbers	8,805	17,067	71,975	13,977	43	44,620	277	107	64	156,934
		SE	1,085	1,499	2,281	1,190	43	1,941	238	78	64	

Appendix E.11. Estimated age composition of sockeye catches from Cape Lutke by statistical week, 1990.

Statistical Week	Sample Size		AGES 0.2	0.3	1.2	1.3	2.2	1.4	2.3	3.2	3.3	Total
24	189	Percent	0.5	2.6	16.9	15.3	43.4	0.5	20.1	0.0	0.5	100.0
		Numbers	272	1,360	8,704	7,888	22,304	272	10,336	0	272	51,408
		SE	272	602	1,406	1,351	1,858	272	1,503	0	272	
25	559	Percent	0.4	2.1	12.7	17.0	41.1	0.0	26.5	0.2	0.0	100.0
		Numbers	1,458	8,748	51,762	69,259	167,679	0	107,898	729	0	407,532
		SE	1,030	2,500	5,745	6,480	8,490	0	7,612	729	0	
26	555	Percent	0.5	1.1	21.3	12.4	48.1	0.0	16.6	0.0	0.0	100.0
		Numbers	938	1,876	36,902	21,578	83,499	0	28,771	0	0	173,566
		SE	541	763	3,017	2,433	3,684	0	2,742	0	0	
Total	1,303	Percent	0.4	1.9	15.4	15.6	43.2	0.0	23.2	0.1	0.0	100.0
		Numbers	2,668	11,984	97,368	98,725	273,482	272	147,005	729	272	632,506
		SE	1,195	2,682	6,639	7,052	9,439	272	8,229	729	272	

Appendix E.12. Estimated age composition of sockeye from South Unimak (combined Ikatan-Lazaref and Cape Lutke) by statistical week, 1990.

Statistical Week	Sample Size		AGES 0.2	0.3	1.2	2.1	1.3	2.2	1.4	2.3	3.2	2.4	3.3	Total
24	509	Percent	0.8	1.4	14.1	0.0	25.3	32.4	0.2	25.5	0.0	0.0	0.2	100.0
		Numbers	904	1,581	16,263	0	29,138	37,270	226	29,364	0	0	226	114,972
		SE	450	594	1,778	0	2,219	2,388	226	2,225	0	0	226	
25	1,283	Percent	0.2	1.3	13.1	0.0	16.8	40.6	0.0	27.8	0.2	0.0	0.0	100.0
		Numbers	1,639	9,290	91,809	0	117,494	284,718	0	195,095	1,093	0	0	701,138
		SE	946	2,239	6,606	0	7,314	9,617	0	8,776	773	0	0	
26	1,284	Percent	0.3	0.8	21.7	0.1	17.0	41.6	0.2	18.3	0.2	0.0	0.0	100.0
		Numbers	824	2,059	57,248	206	44,892	109,966	412	48,393	412	0	0	264,412
		SE	411	649	3,040	206	2,771	3,638	291	2,854	291	0	0	
27	352	Percent	0.0	2.3	17.3	0.0	31.3	21.0	0.0	27.6	0.0	0.3	0.3	100.0
		Numbers	0	514	3,916	0	7,062	4,751	0	6,227	0	64	64	22,598
		SE	0	180	457	0	559	491	0	539	0	64	64	
28	527	Percent	0.0	5.9	6.6	0.0	35.3	12.0	0.2	39.7	0.2	0.2	0.0	100.0
		Numbers	0	1,348	1,522	0	8,087	2,739	43	9,087	43	43	0	22,912
		SE	0	235	249	0	477	324	43	489	43	43	0	
29-30	545	Percent	0.0	6.2	5.5	0.0	49.7	5.1	0.0	33.4	0.0	0.0	0.0	100.0
		Numbers	0	3,902	3,443	0	31,099	3,213	0	20,886	0	0	0	62,542
		SE	0	649	612	0	1,341	592	0	1,265	0	0	0	
31-32	209	Percent	0.0	6.2	16.7	0.0	52.6	6.7	0.0	17.2	0.5	0.0	0.0	100.0
		Numbers	0	3,041	8,186	0	25,727	3,274	0	8,420	234	0	0	48,882
		SE	0	819	1,266	0	1,692	847	0	1,280	234	0	0	
Total	4,709	Percent	0.3	1.8	14.7	0.0	21.3	36.0	0.1	25.7	0.1	0.0	0.0	100.0
		Numbers	3,367	21,735	182,387	206	263,499	445,931	681	317,472	1,782	107	290	1,237,456
		SE	1,125	2,639	7,635	206	8,444	10,622	371	9,689	859	78	235	

Appendix E.13. Estimated age composition of sockeye catches from South Unimak (combined Ikatan-Lazaref and Cape Lutke), statistical weeks 24 through 36, June, 1990.

Statistical Week	Sample Size		AGES 0.2	0.3	1.2	2.1	1.3	2.2	1.4	2.3	3.2	3.3	Total
24	509	Percent	0.8	1.4	14.1	0.0	25.3	32.4	0.2	25.5	0.0	0.2	100.0
		Numbers	904	1,581	16,263	0	29,138	37,270	226	29,364	0	226	114,972
		SE	450	594	1,778	0	2,219	2,388	226	2,225	0	226	
25	1,283	Percent	0.2	1.3	13.1	0.0	16.8	40.6	0.0	27.8	0.2	0.0	100.0
		Numbers	1,639	9,290	91,809	0	117,494	284,718	0	195,095	1,093	0	701,138
		SE	946	2,239	6,606	0	7,314	9,617	0	8,776	773	0	
26	1,284	Percent	0.3	0.8	21.7	0.1	17.0	41.6	0.2	18.3	0.2	0.0	100.0
		Numbers	824	2,059	57,248	206	44,892	109,966	412	48,393	412	0	264,412
		SE	411	649	3,040	206	2,771	3,638	291	2,854	291	0	
Total	3,076	Percent	0.3	1.2	15.3	0.0	17.7	40.0	0.1	25.3	0.1	0.0	100.0
		Numbers	3,367	12,930	165,320	206	191,524	431,954	638	272,852	1,505	226	1,080,522
		SE	1,125	2,406	7,486	206	8,130	10,556	368	9,492	826	226	

Appendix E.14. Estimated age composition of sockeye catches from South Unimak (combined Ikatan-Lazaref and Cape Lutke) statistical weeks 27 through 36, post-June, 1990.

Statistical Week	Sample Size		AGES									
			0.3	1.2	1.3	2.2	1.4	2.3	3.2	2.4	3.3	Total
27	352	Percent	2.3	17.3	31.3	21.0	0.0	27.6	0.0	0.3	0.3	100.0
		Numbers	514	3,916	7,062	4,751	0	6,227	0	64	64	22,598
		SE	180	457	559	491	0	539	0	64	64	
28	527	Percent	5.9	6.6	35.3	12.0	0.2	39.7	0.2	0.2	0.0	100.0
		Numbers	1,348	1,522	8,087	2,739	43	9,087	43	43	0	22,912
		SE	235	249	477	324	43	489	43	43	0	
29-30	545	Percent	6.2	5.5	49.7	5.1	0.0	33.4	0.0	0.0	0.0	100.0
		Numbers	3,902	3,443	31,099	3,213	0	20,886	0	0	0	62,542
		SE	649	612	1,341	592	0	1,265	0	0	0	
31-32	209	Percent	6.2	16.7	52.6	6.7	0.0	17.2	0.5	0.0	0.0	100.0
		Numbers	3,041	8,186	25,727	3,274	0	8,420	234	0	0	48,882
		SE	819	1,266	1,692	847	0	1,280	234	0	0	
Total	1,633	Percent	5.6	10.9	45.9	8.9	0.0	28.4	0.2	0.1	0.0	100.0
		Numbers	8,805	17,067	71,975	13,977	43	44,620	277	107	64	156,934
		SE	1,085	1,499	2,281	1,190	43	1,941	238	78	64	

Appendix E.15. Estimated age composition of sockeye catches from Urilia Bay by statistical week, 1990.

Statistical Week	Sample Size		AGES 0.2	0.3	1.2	0.4	1.3	2.2	1.4	2.3	Total
23-25	138	Percent	0.7	42.0	4.3	1.5	47.1	0.0	0.0	4.3	100.0
		Numbers	185	10,751	1,112	371	12,049	0	0	1,112	25,580
		SE	185	1,079	446	261	1,091	0	0	446	
26	539	Percent	3.2	49.7	3.9	3.3	37.1	0.7	0.2	1.9	100.0
		Numbers	1,361	21,457	1,681	1,441	16,013	320	80	801	43,155
		SE	325	930	360	334	899	160	80	251	
27	549	Percent	4.7	44.8	10.2	0.5	35.9	0.5	0.4	2.9	100.0
		Numbers	1,702	16,104	3,666	196	12,897	196	131	1,047	35,940
		SE	326	763	465	113	736	113	92	258	
Total	1,226	Percent	3.1	46.2	6.2	1.9	39.1	0.5	0.2	2.8	100.0
		Numbers	3,248	48,312	6,459	2,008	40,959	516	211	2,960	104,675
		SE	496	1,616	738	439	1,594	196	122	573	

Appendix E.16. Estimated age composition of sockeye catches from Swanson Lagoon by statistical week, 1990.

Statistical Week	Sample Size		AGES 0.3	1.2	1.3	2.2	1.4	2.3	Total
26-37	271	Percent	6.6	10.0	48.7	6.3	1.1	27.3	100.0
		Numbers	898	1,347	6,584	848	150	3,691	13,518
		SE	205	246	411	199	86	367	
Total	271	Percent	6.6	10.0	48.7	6.3	1.1	27.3	100.0
		Numbers	898	1,347	6,584	848	150	3,691	13,518
		SE	205	246	411	199	86	367	

Appendix E.17. Estimated age composition of sockeye catches from Izembek-Moffet Bay Section by statistical week, 1990.

Statistical Week	Sample Size		AGES 0.2	0.3	1.2	1.3	2.2	2.3	3.2	Total
26-30	316	Percent	1.0	1.6	28.2	17.1	36.1	16.1	0.0	100.0
		Numbers	157	261	4,647	2,819	5,952	2,663	0	16,498
		SE	90	116	418	350	446	342	0	
31	531	Percent	0.6	0.9	42.7	30.3	21.1	4.1	0.2	100.0
		Numbers	130	216	9,802	6,952	4,836	950	43	22,930
		SE	75	96	493	458	406	198	43	
Total	847	Percent	0.7	1.2	36.6	24.8	27.4	9.2	0.1	100.0
		Numbers	287	477	14,449	9,771	10,788	3,613	43	39,428
		SE	117	151	646	576	604	395	43	

Appendix E.18. Estimated age composition of sockeye catches from Nelson Lagoon by statistical week, 1990.

Statistical Week	Sample Size		Ages 0.2	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	2.4	3.3	Total
23-24	522	Percent	0.0	0.8	1.7	0.0	0.0	22.8	15.3	0.6	53.6	2.7	0.6	1.9	100.0
		Numbers	0	24	54	0	0	708	476	18	1,665	83	18	59	3,104
		SE	0	12	18	0	0	57	49	10	68	22	10	19	
25	339	Percent	0.0	0.6	2.7	0.0	0.0	18.9	15.3	0.0	58.7	2.1	0.9	0.9	100.0
		Numbers	0	72	323	0	0	2,300	1,869	0	7,153	252	108	108	12,185
		SE	0	51	107	0	0	259	239	0	326	94	62	62	
26	510	Percent	0.0	0.8	1.2	0.0	0.0	17.3	21.2	0.2	55.3	2.9	0.6	0.6	100.0
		Numbers	0	479	719	0	0	10,542	12,938	120	33,781	1,797	359	359	61,094
		SE	0	239	292	0	0	1,023	1,106	120	1,346	458	207	207	
27	518	Percent	0.0	0.8	1.4	0.0	0.0	19.3	19.7	0.0	57.1	0.8	0.4	0.6	100.0
		Numbers	0	888	1,554	0	0	22,198	22,642	0	65,707	888	444	666	114,988
		SE	0	443	584	0	0	1,996	2,011	0	2,503	443	314	384	
28	519	Percent	0.0	0.2	2.7	0.0	0.0	11.4	48.7	0.0	34.3	1.9	0.4	0.4	100.0
		Numbers	0	196	2,745	0	0	11,568	49,603	0	34,899	1,961	392	392	101,755
		SE	0	196	724	0	0	1,419	2,235	0	2,122	615	277	277	
29	520	Percent	0.0	1.2	9.2	0.0	0.2	12.7	54.6	0.2	20.0	1.2	0.8	0.0	100.0
		Numbers	0	372	2,975	0	62	4,091	17,604	62	6,447	372	248	0	32,233
		SE	0	151	410	0	62	471	704	62	566	151	124	0	
30	561	Percent	0.2	1.4	13.4	0.0	0.0	12.7	46.5	0.0	25.1	0.5	0.2	0.0	100.0
		Numbers	36	285	2,670	0	0	2,528	9,292	0	5,020	107	36	0	19,972
		SE	36	100	287	0	0	281	421	0	366	62	36	0	
31	576	Percent	0.0	0.5	8.7	0.0	0.0	11.3	42.9	0.0	33.9	2.3	0.0	0.5	100.0
		Numbers	0	177	2,945	0	0	3,829	14,549	0	11,486	766	0	177	33,927
		SE	0	102	398	0	0	448	700	0	670	210	0	102	
32	581	Percent	0.0	0.5	23.2	0.0	0.0	44.6	19.6	0.2	11.7	0.2	0.0	0.0	100.0
		Numbers	0	89	4,004	0	0	7,681	3,381	30	2,017	30	0	0	17,230
		SE	0	51	302	0	0	356	284	30	230	30	0	0	
33	529	Percent	0.0	0.2	19.9	0.2	0.0	34.8	26.8	0.0	18.1	0.0	0.0	0.0	100.0
		Numbers	0	14	1,453	14	0	2,545	1,964	0	1,328	0	0	0	7,318
		SE	0	14	127	14	0	152	141	0	123	0	0	0	

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Statistical Week	Sample Size		Ages 0.2	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	2.4	3.3	Total
34-37	403	Percent	0.0	0.0	22.1	0.0	0.0	26.0	36.7	0.0	15.1	0.0	0.0	0.0	100.0
		Numbers	0	0	1,460	0	0	1,722	2,428	0	1,001	0	0	0	6,611
		SE	0	0	137	0	0	145	159	0	118	0	0	0	
Total	5,578	Percent	0.0	0.6	5.1	0.0	0.0	17.0	33.3	0.1	41.5	1.5	0.4	0.4	100.0
		Numbers	36	2,596	20,902	14	62	69,712	136,746	230	170,504	6,256	1,605	1,761	410,417
		SE	36	583	1,224	14	62	2,791	3,408	138	3,698	930	488	531	

Appendix E.19. Estimated age composition of sockeye catches from Harbor Point to Cape Seniavin by statistical week, 1990.

Statistical Week	Sample Size		AGES 0.2	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	2.4	Total
23-25	348	Percent	0.0	3.2	2.0	0.0	0.3	18.7	14.4	0.3	59.2	0.3	1.7	100.0
		Numbers	0	323	205	0	29	1,907	1,467	29	6,043	29	176	10,208
		SE	0	96	77	0	29	214	192	29	269	29	71	
26	520	Percent	0.0	4.2	1.7	0.0	0.0	11.5	14.2	0.0	67.5	0.2	0.6	100.0
		Numbers	0	1,965	804	0	0	5,360	6,611	0	31,358	89	268	46,457
		SE	0	410	266	0	0	652	712	0	955	89	154	
28	534	Percent	0.0	0.2	0.4	0.0	0.0	2.8	11.4	0.0	84.5	0.0	0.7	100.0
		Numbers	0	108	216	0	0	1,621	6,593	0	48,743	0	432	57,713
		SE	0	108	153	0	0	413	795	0	906	0	216	
29	610	Percent	0.0	0.3	0.7	0.0	0.2	3.9	25.4	0.5	68.5	0.0	0.5	100.0
		Numbers	0	198	396	0	99	2,378	15,359	297	41,419	0	297	60,444
		SE	0	140	198	0	99	476	1,066	171	1,138	0	171	
30	577	Percent	0.2	0.2	2.1	0.0	0.0	6.9	31.5	0.0	58.2	0.5	0.3	100.0
		Numbers	139	139	1,672	0	0	5,575	25,365	0	46,827	418	279	80,415
		SE	139	139	478	0	0	851	1,557	0	1,652	241	197	
31	552	Percent	0.2	1.4	7.4	0.0	0.0	32.4	27.7	0.0	30.4	0.2	0.2	100.0
		Numbers	161	1,287	6,593	0	0	28,786	24,604	0	27,017	161	161	88,769
		SE	161	452	992	0	0	1,770	1,693	0	1,740	161	161	
32	565	Percent	0.0	0.2	6.7	0.0	0.0	34.5	38.9	0.0	19.5	0.2	0.0	100.0
		Numbers	0	182	6,914	0	0	35,479	40,027	0	20,014	182	0	102,797
		SE	0	182	1,084	0	0	2,058	2,111	0	1,714	182	0	
33	570	Percent	0.0	0.4	13.0	0.0	0.0	29.8	47.9	0.0	8.6	0.4	0.0	100.0
		Numbers	0	550	20,350	0	0	46,750	75,075	0	13,475	550	0	156,751
		SE	0	389	2,209	0	0	3,006	3,283	0	1,842	389	0	
34	570	Percent	0.0	0.2	4.0	0.0	0.0	13.3	59.8	0.0	22.5	0.2	0.0	100.0
		Numbers	0	242	5,566	0	0	18,391	82,518	0	30,975	242	0	137,934
		SE	0	242	1,138	0	0	1,966	2,835	0	2,413	242	0	
35	548	Percent	0.2	0.0	4.6	0.2	0.0	20.1	54.9	0.0	19.9	0.2	0.0	100.0
		Numbers	154	0	3,846	154	0	16,921	46,301	0	16,767	154	0	84,296
		SE	154	0	752	154	0	1,444	1,793	0	1,439	154	0	

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Statistical Week	Sample Size		AGES 0.2	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	2.4	Total
36-37	557	Percent	0.0	0.0	2.9	0.0	0.0	8.8	70.0	0.0	17.6	0.7	0.0	100.0
		Numbers	0	0	1,560	0	0	4,778	38,032	0	9,557	390	0	54,317
		SE	0	0	385	0	0	652	1,055	0	877	195	0	
Total	5,951	Percent	0.1	0.6	5.5	0.0	0.0	19.1	41.1	0.0	33.2	0.3	0.2	100.0
		Numbers	454	4,994	48,122	154	128	167,946	361,952	326	292,195	2,215	1,613	880,101
		SE	263	822	3,068	154	103	4,937	5,933	174	4,884	630	412	

Appendix E.20. Estimated age composition of sockeye catches from Cape Seniavin to Strogonof Point statistical week, 1990.

Statistical Week	Sample Size		AGES 0.3	1.2	0.4	1.3	2.2	1.4	2.3	3.2	2.4	3.3	Total
25-26	543	Percent	2.2	0.7	0.4	10.9	10.9	0.0	72.0	0.6	1.8	0.6	100.0
		Numbers	1,597	532	266	7,851	7,851	0	52,032	399	1,331	399	72,259
		SE	456	265	188	966	966	0	1,393	230	417	230	
27-28	565	Percent	1.4	2.8	0.0	5.0	31.9	0.0	56.1	2.7	0.2	0.0	100.0
		Numbers	6,464	12,927	0	22,623	145,433	0	256,124	12,119	808	0	456,498
		SE	2,271	3,189	0	4,172	8,956	0	9,539	3,090	808	0	
29	576	Percent	0.3	3.0	0.0	4.3	44.3	0.0	43.6	4.0	0.3	0.2	100.0
		Numbers	1,067	9,069	0	13,337	136,039	0	133,905	12,270	1,067	533	307,288
		SE	754	2,169	0	2,611	6,365	0	6,354	2,509	754	533	
30	552	Percent	0.7	4.9	0.0	8.2	30.3	0.7	47.5	5.1	0.9	1.8	100.0
		Numbers	392	2,646	0	4,409	16,364	392	25,673	2,744	490	980	54,089
		SE	195	497	0	631	1,058	195	1,151	506	218	307	
31	546	Percent	2.7	6.4	0.0	15.9	27.7	0.4	41.4	5.1	0.4	0.0	100.0
		Numbers	490	1,143	0	2,841	4,931	65	7,380	914	65	0	17,829
		SE	125	187	0	280	342	46	376	168	46	0	
32	555	Percent	1.1	11.5	0.0	24.3	38.2	0.0	24.5	0.2	0.2	0.0	100.0
		Numbers	72	766	0	1,616	2,537	0	1,628	12	12	0	6,642
		SE	29	90	0	121	137	0	121	12	12	0	
33	432	Percent	0.2	7.6	0.0	19.7	49.1	0.0	22.2	1.2	0.0	0.0	100.0
		Numbers	39	1,271	0	3,273	8,163	0	3,697	193	0	0	16,635
		SE	39	213	0	319	401	0	333	86	0	0	
34-37	537	Percent	0.6	12.7	0.0	25.7	47.3	0.0	13.8	0.0	0.0	0.0	100.0
		Numbers	65	1,476	0	2,996	5,515	0	1,607	0	0	0	11,660
		SE	38	167	0	220	251	0	174	0	0	0	
Total	4,306	Percent	1.1	3.2	0.0	6.3	34.7	0.0	51.1	3.0	0.4	0.2	100.0
		Numbers	10,186	29,830	266	58,946	326,833	457	482,046	28,651	3,773	1,912	942,900
		SE	2,448	3,912	188	5,079	11,097	201	11,616	4,024	1,202	657	

Appendix E.21. Estimated age composition of sockeye catches from Ilnik Lagoon by statistical week, 1990.

Statistical Week	Sample Size		AGES 0.2	0.3	1.2	1.3	2.2	1.4	2.3	Total
25-36	243	Percent	1.2	17.7	21.4	28.8	10.7	2.5	17.7	100.0
		Numbers	115	1,643	1,987	2,675	994	229	1,643	9,287
		SE	66	228	245	270	185	93	228	
Total	243	Percent	1.2	17.7	21.4	28.8	10.7	2.5	17.7	100.0
		Numbers	115	1,643	1,987	2,675	994	229	1,643	9,287
		SE	66	228	245	270	185	93	228	

Appendix F.1. Estimated age composition of chum catches from Southeast District Mainland by statistical week, 1990.

Statistical Week	Sample Size		AGES 0.2	0.3	0.4	0.5	Total
28	586	Percent	0.7	48.1	50.2	1.0	100.0
		Numbers	131	9,217	9,610	196	19,154
		SE	65	396	396	80	
29-32	601	Percent	1.3	53.1	45.3	0.3	100.0
		Numbers	885	35,301	30,100	221	66,508
		SE	311	1,355	1,351	156	
35-40	355	Percent	10.4	82.8	6.8	0.0	100.0
		Numbers	7,336	58,289	4,758	0	70,383
		SE	1,143	1,411	939	0	
Total	1,542	Percent	5.4	65.9	28.5	0.3	100.0
		Numbers	8,352	102,807	44,468	417	156,045
		SE	1,186	1,996	1,693	176	

Appendix F.2. Estimated age composition of chum catches from Shumagin Islands Section by statistical week, 1990.

Statistical Week	Sample Size		AGES 0.2	0.3	0.4	0.5	Total
24-25	468	Percent	0.9	47.9	49.8	1.5	100.0
		Numbers	543	30,392	31,613	950	63,498
		SE	270	1,468	1,469	357	
27	762	Percent	3.1	52.2	42.9	1.7	100.0
		Numbers	1,811	30,036	24,678	981	57,507
		SE	364	1,041	1,032	270	
28	549	Percent	12.4	64.8	22.6	0.2	100.0
		Numbers	13,696	71,703	24,975	201	110,576
		SE	1,556	2,255	1,975	201	
29-30	550	Percent	11.6	70.9	17.3	0.2	100.0
		Numbers	12,235	74,557	18,161	191	105,145
		SE	1,439	2,038	1,696	191	
31	566	Percent	6.9	79.2	13.6	0.4	100.0
		Numbers	2,807	32,250	5,543	144	40,744
		SE	434	696	588	102	
32-40	548	Percent	11.7	78.6	9.7	0.0	100.0
		Numbers	3,886	26,170	3,218	0	33,274
		SE	457	583	421	0	
Total	3,443	Percent	8.5	64.5	26.3	0.6	100.0
		Numbers	34,978	265,108	108,188	2,467	410,744
		SE	2,257	3,647	3,244	536	

Appendix F.3. Estimated age composition of chum catches from Shumagin Islands Section, statistical weeks 24 and 25, June, 1990.

Statistical Week	Sample Size		AGES 0.2	0.3	0.4	0.5	Total
24-25	468	Percent	0.9	47.9	49.8	1.5	100.0
		Numbers	543	30,392	31,613	950	63,498
		SE	270	1,468	1,469	357	
Total	468	Percent	0.9	47.9	49.8	1.5	100.0
		Numbers	543	30,392	31,613	950	63,498
		SE	270	1,468	1,469	357	

Appendix F.4. Estimated age composition of chum catches from Shumagin Islands Section, statistical weeks 27 through 40, post-June, 1990.

Statistical Week	Sample Size		AGES 0.2	0.3	0.4	0.5	Total
27	762	Percent	3.1	52.2	42.9	1.7	100.0
		Numbers	1,811	30,036	24,678	981	57,507
		SE	364	1,041	1,032	270	
28	549	Percent	12.4	64.8	22.6	0.2	100.0
		Numbers	13,696	71,703	24,975	201	110,576
		SE	1,556	2,255	1,975	201	
29-30	550	Percent	11.6	70.9	17.3	0.2	100.0
		Numbers	12,235	74,557	18,161	191	105,145
		SE	1,439	2,038	1,696	191	
31	566	Percent	6.9	79.2	13.6	0.4	100.0
		Numbers	2,807	32,250	5,543	144	40,744
		SE	434	696	588	102	
32-40	548	Percent	11.7	78.6	9.7	0.0	100.0
		Numbers	3,886	26,170	3,218	0	33,274
		SE	457	583	421	0	
Total	2,975	Percent	9.9	67.6	22.1	0.4	100.0
		Numbers	34,435	234,716	76,575	1,517	347,246
		SE	2,241	3,339	2,892	400	

Appendix F.5. Estimated age composition of chum catches from Canoe Bay by statistical week, 1990.

Statistical Week	Sample Size		AGES 0.2	0.3	0.4	0.5	Total
27-28	488	Percent	0.0	25.4	74.4	0.2	100.0
		Numbers	0	1,566	4,584	13	6,162
		SE	0	122	122	13	
29	351	Percent	0.0	31.6	67.8	0.6	100.0
		Numbers	0	2,565	5,499	46	8,110
		SE	0	202	203	33	
30	258	Percent	0.4	35.3	63.9	0.4	100.0
		Numbers	28	2,530	4,587	28	7,173
		SE	28	214	215	28	
31	579	Percent	0.5	52.7	46.5	0.3	100.0
		Numbers	50	5,076	4,477	33	9,636
		SE	29	200	200	24	
32	180	Percent	2.2	58.9	38.9	0.0	100.0
		Numbers	114	3,028	2,000	0	5,142
		SE	57	189	187	0	
Total	1,856	Percent	0.5	40.8	58.4	0.3	100.0
		Numbers	192	14,765	21,147	120	36,223
		SE	69	421	421	50	

Appendix F.6. Estimated age composition of chum catches from Pavlof Bay by statistical week, 1990.

Statistical Week	Sample Size		AGES 0.2	0.3	0.4	0.5	Total
27-28	223	Percent	2.2	51.6	45.3	0.9	100.0
		Numbers	91	2,103	1,847	37	4,078
		SE	41	137	136	26	
29	375	Percent	1.3	52.3	45.4	1.1	100.0
		Numbers	7	279	242	6	533
		SE	3	14	14	3	
30	578	Percent	0.7	55.7	43.1	0.5	100.0
		Numbers	31	2,524	1,952	24	4,531
		SE	16	94	93	14	
31	475	Percent	0.9	80.9	18.1	0.2	100.0
		Numbers	7	652	146	2	806
		SE	3	15	14	2	
32	573	Percent	2.8	88.0	9.2	0.0	100.0
		Numbers	383	12,070	1,269	0	13,723
		SE	95	187	166	0	
Total	2,224	Percent	2.2	74.5	23.0	0.3	100.0
		Numbers	519	17,628	5,456	69	23,671
		SE	104	251	235	29	

Appendix F.7. Estimated age composition of chum catches from Belkofski Bay by statistical week, 1990.

Statistical Week	Sample Size		AGES 0.2	0.3	0.4	0.5	Total
25-30	61	Percent	0.0	52.4	45.8	1.6	100.0
		Numbers	0	423	370	13	807
		SE	0	52	52	13	
31	146	Percent	2.7	70.6	26.7	0.0	100.0
		Numbers	45	1,167	442	0	1,654
		SE	22	63	61	0	
32	575	Percent	1.7	79.7	18.6	0.0	100.0
		Numbers	388	17,793	4,157	0	22,338
		SE	122	375	363	0	
Total	782	Percent	1.7	78.2	20.0	0.1	100.0
		Numbers	433	19,383	4,969	13	24,799
		SE	124	384	372	13	

Appendix F.8. Estimated age composition of chum catches from Ikatan Peninsula to Cape Lazaref by statistical week, 1990.

Statistical Week	Sample Size		AGES 0.2	0.3	0.4	0.5	Total
24	186	Percent	0.0	53.2	44.1	2.7	100.0
		Numbers	0	9,421	7,803	476	17,700
		SE	0	649	646	210	
25	578	Percent	0.9	60.2	37.2	1.7	100.0
		Numbers	940	65,441	40,431	1,881	108,693
		SE	419	2,215	2,187	590	
26	581	Percent	0.7	53.2	44.8	1.4	100.0
		Numbers	279	21,564	18,145	558	40,546
		SE	139	840	837	196	
27	414	Percent	1.2	59.4	38.4	1.0	100.0
		Numbers	119	5,851	3,782	95	9,847
		SE	53	238	236	47	
28	300	Percent	0.7	61.0	38.0	0.3	100.0
		Numbers	54	4,905	3,056	27	8,041
		SE	38	227	226	27	
29	319	Percent	0.0	62.7	35.7	1.6	100.0
		Numbers	0	1,663	948	42	2,652
		SE	0	72	71	18	
30-36	298	Percent	1.7	68.1	29.5	0.7	100.0
		Numbers	586	23,779	10,308	234	34,907
		SE	260	944	924	165	
Total	2,676	Percent	0.9	59.6	38.0	1.5	100.0
		Numbers	1,978	132,624	84,473	3,313	222,386
		SE	517	2,653	2,620	679	

Appendix F.9. Estimated age composition of chum catches from Ikatan Peninsula to Cape Lazaref, statistical weeks 24 through 26, June, 1990.

Statistical Week	Sample Size		AGES 0.2	0.3	0.4	0.5	Total
24	186	Percent	0.0	53.2	44.1	2.7	100.0
		Numbers	0	9,421	7,803	476	17,700
		SE	0	649	646	210	
25	578	Percent	0.9	60.2	37.2	1.7	100.0
		Numbers	940	65,441	40,431	1,881	108,693
		SE	419	2,215	2,187	590	
26	581	Percent	0.7	53.2	44.8	1.4	100.0
		Numbers	279	21,564	18,145	558	40,546
		SE	139	840	837	196	
Total	1,345	Percent	0.7	57.8	39.8	1.7	100.0
		Numbers	1,219	96,426	66,379	2,915	166,939
		SE	442	2,456	2,429	656	

Appendix F.10. Estimated age composition of chum catches from Ikatan Peninsula to Cape Lazaref, statistical weeks 27 through 36, post-June, 1990.

Statistical Week	Sample Size		AGES 0.2	0.3	0.4	0.5	Total
27	414	Percent	1.2	59.4	38.4	1.0	100.0
		Numbers	119	5,851	3,782	95	9,847
		SE	53	238	236	47	
28	300	Percent	0.7	61.0	38.0	0.3	100.0
		Numbers	54	4,905	3,056	27	8,041
		SE	38	227	226	27	
29	319	Percent	0.0	62.7	35.7	1.6	100.0
		Numbers	0	1,663	948	42	2,652
		SE	0	72	71	18	
30-36	298	Percent	1.7	68.1	29.5	0.7	100.0
		Numbers	586	23,779	10,308	234	34,907
		SE	260	944	924	165	
Total	1,331	Percent	1.4	65.3	32.6	0.7	100.0
		Numbers	759	36,198	18,094	398	55,447
		SE	268	1,002	983	175	

Appendix F.11. Estimated age composition of chum catches from Cape Lutke by statistical week, 1990.

Statistical Week	Sample Size		AGES 0.2	0.3	0.4	0.5	Total
24	51	Percent	0.0	41.2	52.9	5.9	100.0
		Numbers	0	7,338	9,435	1,048	17,822
		SE	0	1,240	1,258	593	
25	578	Percent	0.3	51.2	44.1	4.3	100.0
		Numbers	472	69,880	60,201	5,902	136,455
		SE	334	2,840	2,821	1,156	
26	581	Percent	0.0	55.6	42.3	2.1	100.0
		Numbers	0	69,420	52,871	2,579	124,870
		SE	0	2,576	2,562	737	
Total	1,210	Percent	0.2	52.5	43.9	3.4	100.0
		Numbers	472	146,638	122,507	9,529	279,147
		SE	334	4,030	4,013	1,494	

Appendix F.12. Estimated age composition of chum catches from South Unimak (combined Ikatan-Lazaref and Cape Lutke) by statistical week, 1990.

Statistical Week	Sample Size		AGES 0.2	0.3	0.4	0.5	Total
24	237	Percent	0.0	50.6	46.0	3.4	100.0
		Numbers	0	17,986	16,337	1,199	35,522
		SE	0	1,156	1,152	418	
25	1,156	Percent	0.6	55.7	40.7	3.0	100.0
		Numbers	1,484	136,570	99,671	7,422	245,148
		SE	560	3,583	3,543	1,236	
26	1,162	Percent	0.3	54.4	43.5	1.7	100.0
		Numbers	569	89,968	72,031	2,847	165,416
		SE	284	2,418	2,407	631	
27	414	Percent	1.2	59.4	38.4	1.0	100.0
		Numbers	119	5,851	3,782	95	9,847
		SE	53	238	236	47	
28	300	Percent	0.7	61.0	38.0	0.3	100.0
		Numbers	54	4,905	3,056	27	8,041
		SE	38	227	226	27	
29	319	Percent	0.0	62.7	35.7	1.6	100.0
		Numbers	0	1,663	948	42	2,652
		SE	0	72	71	18	
30-36	298	Percent	1.7	68.1	29.5	0.7	100.0
		Numbers	586	23,779	10,308	234	34,907
		SE	260	944	924	165	
Total	3,886	Percent	0.6	56.0	41.1	2.4	100.0
		Numbers	2,812	280,722	206,133	11,866	501,533
		SE	683	4,585	4,543	1,460	

Appendix F.13. Estimated age composition of chum catches from South Unimak (combined Ikatan-Lazaref and Cape Lutke) statistical weeks 24 through 26, June, 1990.

Statistical Week	Sample Size		AGES 0.2	0.3	0.4	0.5	Total
24	237	Percent	0.0	50.6	46.0	3.4	100.0
		Numbers	0	17,986	16,337	1,199	35,522
		SE	0	1,156	1,152	418	
25	1,156	Percent	0.6	55.7	40.7	3.0	100.0
		Numbers	1,484	136,570	99,671	7,422	245,148
		SE	560	3,583	3,543	1,236	
26	1,162	Percent	0.3	54.4	43.5	1.7	100.0
		Numbers	569	89,968	72,031	2,847	165,416
		SE	284	2,418	2,407	631	
Total	2,555	Percent	0.5	54.8	42.2	2.6	100.0
		Numbers	2,053	244,524	188,039	11,468	446,086
		SE	628	4,475	4,436	1,449	

Appendix F.14. Estimated age composition of chum catches from South Unimak (combined Ikatan-Lazaref and Cape Lutke) statistical weeks 27 through 36, post-June, 1990.

Statistical Week	Sample Size		AGES 0.2	0.3	0.4	0.5	Total
27	414	Percent	1.2	59.4	38.4	1.0	100.0
		Numbers	119	5,851	3,782	95	9,847
		SE	53	238	236	47	
28	300	Percent	0.7	61.0	38.0	0.3	100.0
		Numbers	54	4,905	3,056	27	8,041
		SE	38	227	226	27	
29	319	Percent	0.0	62.7	35.7	1.6	100.0
		Numbers	0	1,663	948	42	2,652
		SE	0	72	71	18	
30-36	298	Percent	1.7	68.1	29.5	0.7	100.0
		Numbers	586	23,779	10,308	234	34,907
		SE	260	944	924	165	
Total	1,331	Percent	1.4	65.3	32.6	0.7	100.0
		Numbers	759	36,198	18,094	398	55,447
		SE	268	1,002	983	175	

Appendix F.15. Estimated age composition of chum catches from Izembek-Moffet Bay Section by statistical week, 1990.

Statistical Week	Sample Size		AGES 0.2	0.3	0.4	0.5	Total
26-31	371	Percent	1.1	63.3	34.8	0.8	100.0
		Numbers	259	15,191	8,339	194	23,983
		SE	129	601	594	112	
Total	371	Percent	1.1	63.3	34.8	0.8	100.0
		Numbers	259	15,191	8,339	194	23,983
		SE	129	601	594	112	

Appendix F.16. Estimated age composition of chum catches from Nelson Lagoon Section by statistical week, 1990.

Statistical Week	Sample Size		AGES 0.2	0.3	0.4	0.5	Total
26-31	548	Percent	4.0	65.7	30.0	0.3	100.0
		Numbers	69	1,127	514	6	1,716
		SE	14	35	34	4	
32-36	217	Percent	4.7	74.7	20.8	0.0	100.0
		Numbers	21	334	93	0	447
		SE	6	13	12	0	
Total	765	Percent	4.2	67.5	28.1	0.3	100.0
		Numbers	90	1,461	607	6	2,163
		SE	16	37	36	4	

Appendix F.17. Estimated age composition of chum catches from Herendeen Bay by statistical week, 1990.

Statistical Week	Sample Size		AGES 0.2	0.3	0.4	0.5	Total
28-32	571	Percent	0.7	61.1	37.3	0.9	100.0
		Numbers	336	29,290	17,876	420	47,922
		SE	167	978	971	187	
33-34	576	Percent	1.4	67.9	30.7	0.0	100.0
		Numbers	61	2,971	1,345	0	4,377
		SE	21	85	84	0	
Total	1,147	Percent	0.8	61.7	36.8	0.8	100.0
		Numbers	397	32,261	19,221	420	52,299
		SE	169	982	974	187	

Appendix F.18. Estimated age composition of chum catches from Harbor Point to Cape Seniavin by statistical week, 1990.

Statistical Week	Sample Size		AGES 0.2	0.3	0.4	0.5	Total
23-24	313	Percent	0.6	12.1	83.3	4.6	100.0
		Numbers	1	21	145	8	174
		SE	1	3	4	2	
25-26	552	Percent	0.0	36.8	59.8	3.4	100.0
		Numbers	0	961	1,562	90	2,613
		SE	0	54	55	20	
27-28	505	Percent	1.0	71.7	26.5	0.8	100.0
		Numbers	74	5,352	1,981	59	7,466
		SE	33	150	147	29	
29	461	Percent	0.2	49.0	50.1	0.7	100.0
		Numbers	21	4,801	4,907	64	9,793
		SE	21	228	228	37	
30	569	Percent	0.2	60.1	39.0	0.7	100.0
		Numbers	8	2,649	1,720	31	4,408
		SE	8	91	90	15	
31	553	Percent	0.9	66.0	32.7	0.4	100.0
		Numbers	25	1,842	914	10	2,791
		SE	11	56	56	7	
32-37	184	Percent	0.0	74.5	25.0	0.6	100.0
		Numbers	0	3,223	1,082	24	4,329
		SE	0	140	139	24	
Total	3,137	Percent	0.4	59.7	39.0	0.9	100.0
		Numbers	129	18,849	12,311	286	31,574
		SE	41	329	327	59	

Appendix F.19. Estimated age composition of chum catches from Cape Seniavin to Strogonof Point by statistical week, 1990.

Statistical Week	Sample Size		AGES 0.2	0.3	0.4	0.5	Total
25-29	217	Percent	0.0	58.1	41.5	0.5	100.0
		Numbers	0	3,824	2,732	30	6,586
		SE	0	221	221	30	
30	555	Percent	1.3	65.9	31.7	1.0	100.0
		Numbers	11	570	274	9	865
		SE	4	17	17	4	
31	566	Percent	0.5	71.3	27.7	0.0	100.0
		Numbers	1	134	52	0	188
		SE	1	4	4	0	
32-34	217	Percent	1.0	60.8	38.2	0.0	100.0
		Numbers	1	62	39	0	102
		SE	1	3	3	0	
Total	1,555	Percent	0.2	59.3	40.0	0.5	100.0
		Numbers	13	4,590	3,097	39	7,741
		SE	4	222	221	31	

Appendix G.1. Estimated age composition of coho catches from Southeast District Mainland by statistical week, 1990.

Statistical Week	Sample Size		AGES 1.1	2.1	3.1	Total
28-40	809	Percent	41.5	55.1	3.3	100.0
		Numbers	23,078	30,633	1,854	55,565
		SE	963	972	351	
Total	809	Percent	41.5	55.1	3.3	100.0
		Numbers	23,078	30,633	1,854	55,565
		SE	963	972	351	

Appendix G.2. Estimated age composition of coho catches from Shumagin Islands Section by statistical week, 1990.

Statistical Week	Sample Size		AGES 1.1	2.1	2.2	3.1	Total
27	337	Percent	22.9	74.2	0.0	3.0	100.0
		Numbers	282	915	0	37	1,233
		SE	28	29	0	11	
28	604	Percent	46.5	49.8	0.0	3.6	100.0
		Numbers	8,477	9,080	0	664	18,220
		SE	370	371	0	139	
29	182	Percent	32.4	65.4	0.0	2.2	100.0
		Numbers	1,580	3,186	0	107	4,873
		SE	170	172	0	53	
30	272	Percent	54.8	45.2	0.0	0.0	100.0
		Numbers	49,791	41,102	0	0	90,893
		SE	2,748	2,748	0	0	
31	281	Percent	29.9	66.9	0.4	2.8	100.0
		Numbers	12,962	29,010	154	1,234	43,360
		SE	1,186	1,219	154	431	
32	287	Percent	37.6	61.3	0.0	1.0	100.0
		Numbers	8,109	13,215	0	225	21,550
		SE	617	621	0	130	
33	219	Percent	33.4	63.0	0.0	3.6	100.0
		Numbers	606	1,145	0	66	1,817
		SE	58	59	0	23	
35-36	132	Percent	39.4	53.8	0.0	6.9	100.0
		Numbers	304	415	0	53	771
		SE	33	34	0	17	
37-40	219	Percent	46.6	52.0	0.0	1.4	100.0
		Numbers	739	826	0	22	1,587
		SE	54	54	0	12	
Total	2,533	Percent	45.0	53.7	0.1	1.3	100.0
		Numbers	82,850	98,894	154	2,408	184,304
		SE	3,084	3,098	154	475	

Appendix G.3. Estimated age composition of coho catches from Ikatan Peninsula to Cape Lazaref by statistical week, 1990.

Statistical Week	Sample Size		AGES 1.1	2.1	3.1	4.1	Total
24-27	236	Percent	22.1	77.1	0.8	0.0	100.0
		Numbers	195	682	7	0	884
		SE	24	24	5	0	
28	304	Percent	18.4	80.3	1.3	0.0	100.0
		Numbers	593	2,584	42	0	3,219
		SE	72	74	21	0	
29	143	Percent	28.7	70.6	0.7	0.0	100.0
		Numbers	1,451	3,575	35	0	5,062
		SE	192	193	35	0	
30	283	Percent	28.3	71.0	0.7	0.0	100.0
		Numbers	4,753	11,942	119	0	16,814
		SE	451	454	84	0	
31	265	Percent	15.5	77.7	6.8	0.0	100.0
		Numbers	2,078	10,442	912	0	13,433
		SE	299	344	208	0	
32	530	Percent	18.3	69.6	11.1	0.9	100.0
		Numbers	1,270	4,830	772	65	6,938
		SE	117	139	95	29	
36	859	Percent	36.7	59.2	3.1	0.0	100.0
		Numbers	36	58	3	0	98
		SE	2	2	1	0	
Total	2,620	Percent	22.3	73.4	4.1	0.1	100.0
		Numbers	10,376	34,113	1,890	65	46,448
		SE	591	622	247	29	

Appendix G.4. Estimated age composition of coho catches from Nelson Lagoon Section by statistical week, 1990.

Statistical Week	Sample Size		AGES 1.1	2.1	3.1	Total
25-37	1,146	Percent	16.9	77.7	5.3	100.0
		Numbers	13,413	61,603	4,218	79,234
		SE	878	974	526	
Total	1,146	Percent	16.9	77.7	5.3	100.0
		Numbers	13,413	61,603	4,218	79,234
		SE	878	974	526	

Appendix G.5. Estimated age composition of coho catches from Harbor Point to Cape Seniavin by statistical week, 1990.

Statistical Week	Sample Size		AGES 1.1	2.1	3.1	4.1	Total
25-37	531	Percent	30.3	66.3	3.2	0.2	100.0
		Numbers	6,257	13,679	661	39	20,635
		SE	412	424	158	39	
Total	531	Percent	30.3	66.3	3.2	0.2	100.0
		Numbers	6,257	13,679	661	39	20,635
		SE	412	424	158	39	

Appendix G.6. Estimated age composition of coho catches from Cape Seniavin to Strogonof Point by statistical week, 1990.

Statistical Week	Sample Size		AGES 1.1	2.1	3.1	Total
28-37	283	Percent	28.6	70.7	0.7	100.0
		Numbers	3,568	8,809	88	12,465
		SE	336	338	62	
Total	283	Percent	28.6	70.7	0.7	100.0
		Numbers	3,568	8,809	88	12,465
		SE	336	338	62	

Appendix G.7. Estimated age composition of coho catches from Ilnik Lagoon by statistical week, 1990.

Statistical Week	Sample Size		AGES 1.1	2.1	3.1	Total
34-37	167	Percent	37.1	60.5	2.4	100.0
		Numbers	2,528	4,117	163	6,808
		SE	255	258	81	
Total	167	Percent	37.1	60.5	2.4	100.0
		Numbers	2,528	4,117	163	6,808
		SE	255	258	81	

Appendix G.8. Estimated age composition of coho catches from Inner Port Heiden Section by statistical week, 1990.

Statistical Week	Sample Size		AGES 1.1	2.1	3.1	Total
25-36	481	Percent	34.1	64.0	1.9	100.0
		Numbers	13,278	24,936	729	38,942
		SE	843	853	241	
Total	481	Percent	34.1	64.0	1.9	100.0
		Numbers	13,278	24,936	729	38,942
		SE	843	853	241	

Appendix G.9. Estimated age composition of coho catches from Cinder River by statistical week, 1990.

Statistical Week	Sample Size		AGES 1.1	2.1	3.1	Total
33-36	514	Percent	27.2	71.6	1.2	100.0
		Numbers	9,747	25,620	418	35,784
		SE	703	712	170	
Total	514	Percent	27.2	71.6	1.2	100.0
		Numbers	9,747	25,620	418	35,784
		SE	703	712	170	

Appendix H.1. Estimated age composition of sockeye escapement from Nelson River (Sapsuk River-Hoodoo Lake) by statistical week, 1990.

Statistical Week	Sample Size		AGES 0.2	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	2.4	3.3	Total
23	0	Percent	0.0	0.0	3.1	0.0	0.0	21.9	15.6	0.0	53.1	3.1	0.0	3.1	100.0
		Numbers	0	0	1	0	0	7	5	0	17	1	0	1	32
24	522	Percent	0.0	0.7	1.8	0.0	0.0	22.7	15.3	0.5	53.8	2.7	0.5	1.8	100.0
		Numbers	0	4	10	0	0	126	85	3	298	15	3	10	554
25	339	Percent	0.0	0.6	2.5	0.0	0.0	19.1	15.8	0.1	58.0	2.2	0.8	0.9	100.0
		Numbers	0	24	96	0	0	746	619	3	2,266	86	33	37	3,910
26	510	Percent	0.0	0.7	1.5	0.0	0.0	17.7	20.0	0.1	56.1	2.6	0.6	0.6	100.0
		Numbers	0	330	644	0	0	7,816	8,807	63	24,718	1,141	275	283	44,077
27	518	Percent	0.0	0.7	1.4	0.0	0.0	18.2	22.3	0.0	54.9	1.4	0.4	0.6	100.0
		Numbers	0	597	1,151	0	0	14,849	18,189	40	44,861	1,148	357	463	81,655
28	519	Percent	0.0	0.4	3.1	0.0	0.0	12.9	44.4	0.0	36.7	1.6	0.4	0.4	100.0
		Numbers	0	258	2,070	0	13	8,480	29,233	13	24,214	1,086	280	250	65,897
29	520	Percent	0.0	0.9	7.5	0.0	0.1	12.3	52.8	0.1	24.0	1.4	0.7	0.1	100.0
		Numbers	1	285	2,397	0	43	3,921	16,803	43	7,637	430	207	33	31,802
30	561	Percent	0.1	1.3	11.4	0.0	0.1	12.7	50.4	0.1	22.7	0.8	0.5	0.0	100.0
		Numbers	6	87	764	0	6	852	3,389	6	1,523	56	31	0	6,720
31	576	Percent	0.1	1.0	11.4	0.0	0.0	12.1	45.0	0.0	28.9	1.3	0.1	0.2	100.0
		Numbers	6	63	688	0	0	730	2,722	0	1,748	77	6	14	6,053 a/
Total	5,578	Percent b/	0.0	0.7	3.2	0.0	0.0	15.6	33.2	0.1	44.6	1.7	0.5	0.5	100.0
		Numbers	13	1,648	7,821	0	62	37,527	79,852	171	107,282	4,040	1,192	1,091	240,700

a/ Week 31 escapement of 6,053 represents post season estimate.

b/ Percents are figured on escapement after rounding, not on samples. Sample sizes are for the indicated week. Age composition is calculated daily. Composition is based on two samples when the date falls between two sample dates. When the date falls on a sample date, or before the first sample or after the last sample, calculations are based on only one sample date.

Note: Nelson River catch sample was used as Nelson River escapement sample.

Appendix H.2. Estimated length composition of sockeye escapement samples from Nelson River (Sapsuk River-Hoodoo Lake) by age and sex, statistical weeks 24 through 34, 1990.

	AGES												
	0.2	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	2.4	3.3	Total
Females													
Mean Length	543	544	495	0	590	550	498	593	553	509	579	550	532
SE	-	5	2	-	-	1	1	6	1	10	4	5	1
Range	543-543	489-579	413-589	0-0	590-590	439-630	399-585	587-599	442-652	424-576	559-601	521-585	399-652
Sample Size	1	20	276	0	1	645	783	2	1,130	16	10	14	2,898
Males													
Mean Length	0	570	505	310	0	575	507	596	576	503	599	568	541
SE	-	5	2	-	-	2	1	9	2	5	8	21	1
Range	0-0	514-609	380-598	310-310	0-0	410-657	389-610	577-613	405-662	410-585	556-635	410-640	310-662
Sample Size	0	16	270	1	0	521	988	4	741	56	8	9	2,614
All Fish													
Mean Length	543	556	499	310	590	561	503	595	562	504	588	558	536
SE	-	4	2	-	-	1	1	6	1	5	5	9	1
Range	543-543	489-609	380-598	310-310	590-590	410-657	389-610	577-613	405-662	410-585	556-635	410-640	310-662
Sample Size	1	36	547	1	1	1,176	1,790	6	1,897	72	18	24	5,569

Appendix H.3. Estimated sex composition of sockeye escapement from Nelson River (Sapsuk River-Hoodoo Lake) by statistical week, 1990.

Statistical Week	Sample			Escapement				
	Females	Males	Total	Percent a/ Females	Percent Males	Females	Males	Total
23	0	0	0	53.1	46.9	17	15	32
24	307	269	576	53.6	46.4	297	257	554
25	233	158	391	58.6	41.4	2,290	1,620	3,910
26	308	260	568	54.6	45.4	24,068	20,009	44,077
27	285	315	600	49.4	50.6	40,297	41,358	81,655
28	297	302	599	49.8	50.2	32,840	33,057	65,897
29	333	267	600	54.0	46.0	17,162	14,640	31,802
30	353	243	596	57.4	42.6	3,859	2,861	6,720
31	345	312	657	56.4	43.6	3,411	2,642	6,053 b/
Total	3,289	2,969	6,258	51.6	48.4	124,242	116,458	240,700

a/ Percents are figured on escapement after rounding, not on samples. Sample sizes are for the indicated week. Sex composition is calculated daily. Composition is based on two samples when the date falls between two sample dates. When the date falls on a sample date, or before the first sample or after the last sample, calculations are based on only one sample date.

b/ Week 31 escapement of 6,053 represents post season estimate.

Note: Nelson River catch sample was used as Nelson River escapement sample.

Appendix H.4. Estimated age composition of sockeye escapement from Bear River by statistical week, 1990.

Statistical Week	Sample Size		AGES 1.2	2.1	1.3	2.2	3.1	2.3	3.2	2.4	3.3	Total
23	0	Percent	16.1	0.6	6.2	35.4	0.0	33.5	7.5	0.6	0.0	100.0
		Numbers	26	1	10	57	0	54	12	1	0	161
24	0	Percent	16.4	0.5	6.3	35.4	0.0	33.7	7.3	0.5	0.0	100.0
		Numbers	176	5	68	381	0	362	78	5	0	1,075
25	0	Percent	16.4	0.5	6.4	35.5	0.0	33.7	7.3	0.5	0.0	100.0
		Numbers	424	12	165	919	0	872	188	12	0	2,591
26	220	Percent	16.8	0.5	5.5	36.3	0.2	33.3	6.9	0.5	0.1	100.0
		Numbers	1,836	60	599	3,970	20	3,642	758	50	10	10,945
27	217	Percent	16.6	1.2	1.7	37.7	0.6	36.8	4.7	0.5	0.3	100.0
		Numbers	11,076	815	1,139	25,221	401	24,589	3,158	305	200	66,905
28	223	Percent	14.0	1.6	1.5	36.1	0.2	42.5	3.6	0.4	0.1	100.0
		Numbers	9,205	1,053	969	23,682	101	27,932	2,376	286	50	65,656
29	214	Percent	15.4	0.9	2.8	63.6	0.0	12.2	4.9	0.0	0.0	100.0
		Numbers	7,956	450	1,462	32,820	0	6,308	2,552	24	0	51,572
30	214	Percent	10.8	2.7	4.2	72.3	0.0	8.1	1.9	0.0	0.0	100.0
		Numbers	5,382	1,356	2,081	35,957	0	4,033	935	0	0	49,744
31	187	Percent	8.6	1.3	2.2	77.7	0.0	8.9	1.2	0.0	0.0	100.0
		Numbers	5,705	873	1,459	51,476	0	5,927	797	0	0	66,237
32	214	Percent	4.0	0.0	0.5	85.7	0.0	7.6	2.2	0.0	0.0	100.0
		Numbers	1,963	0	239	41,850	0	3,687	1,092	0	0	48,831
33	0	Percent	2.0	0.0	0.4	73.9	0.0	5.5	2.4	0.0	0.0	84.2
		Numbers	822	0	164	30,892	0	2,300	986	0	0	41,776
34	0	Percent	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Numbers	0	0	0	0	0	0	0	0	0	45,575
35	0	Percent	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Numbers	0	0	0	0	0	0	0	0	0	41,114

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Statistical Week	Sample Size		AGES 1.2	2.1	1.3	2.2	3.1	2.3	3.2	2.4	3.3	Total
36	0	Percent	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Numbers	0	0	0	0	0	0	0	0	0	54,618
Total	1,489	Percent a/	8.2	0.8	1.5	45.2	0.1	14.6	2.4	0.1	0.0	72.9
		Numbers	44,571	4,625	8,355	247,225	522	79,706	12,932	683	260	546,800

a/ Percents are figured on escapement after rounding, not on samples. Sample sizes are for the indicated week. Age composition is calculated daily. Composition is based on two samples when the date falls between two sample dates. When the date falls on a sample date, or before the first sample or after the last sample, calculations are based on only one sample date.

Appendix H.5. Estimated length composition of sockeye escapement samples from Bear River by age and sex, statistical weeks 26 through 33, 1990.

	AGES									
	1.2	2.1	1.3	2.2	3.1	2.3	3.2	2.4	3.3	Total
Females										
Mean Length	469	0	547	479	0	545	478	530	0	498
SE	4	-	10	2	-	3	7	-	-	2
Range	428-562	0-0	452-620	399-593	0-0	430-611	422-534	530-530	0-0	399-620
Sample Size	44	0	17	343	0	156	20	1	0	581
Males										
Mean Length	432	350	526	455	343	549	456	531	587	468
SE	3	10	11	1	5	4	6	44	-	2
Range	335-564	314-452	430-630	336-589	338-347	415-656	391-560	487-574	587-587	314-656
Sample Size	137	13	22	561	2	159	37	2	1	934
All Fish										
Mean Length	441	350	535	464	343	547	464	530	587	480
SE	3	10	8	1	5	3	5	25	-	1
Range	335-564	314-452	430-630	336-593	338-347	415-656	391-560	487-574	587-587	314-656
Sample Size	181	13	39	904	2	315	57	3	1	1,515

Appendix H.6. Estimated sex composition of sockeye escapement from Bear River by statistical week, 1990.

Statistical Week	Sample			Escapement				
	Females	Males	Total	Percent a/ Females	Percent Males	Females	Males	Total
23	0	0	0	24.2	75.8	39	122	161
24	0	0	0	24.1	75.9	259	816	1,075
25	0	0	0	24.1	75.9	625	1,966	2,591
26	56	176	232	25.7	74.3	2,818	8,127	10,945
27	76	159	235	37.5	62.5	25,122	41,783	66,905
28	112	123	235	44.5	55.5	29,241	36,415	65,656
29	71	162	233	33.0	67.0	17,032	34,540	51,572
30	91	144	235	38.2	61.8	18,982	30,762	49,744
31	106	129	235	42.5	57.5	28,173	38,064	66,237
32	87	113	200	44.1	55.9	21,515	27,316	48,831
33	105	129	234	44.3	55.7	18,522	23,254	41,776
34	0	0	0	44.9	55.1	20,450	25,125	45,575
35	0	0	0	44.9	55.1	18,449	22,665	41,114
36	0	0	0	44.9	55.1	24,508	30,110	54,618
Total	704	1,135	1,839	41.3	58.7	225,738	321,062	546,800

a/ Percents are figured on escapement after rounding, not on samples. Sample sizes are for the indicated week. Sex composition is calculated daily. Composition is based on two samples when the date falls between two sample dates. When the date falls on a sample date, or before the first sample or after the last sample, calculations are based on only one sample date.

Appendix H.7. Estimated age composition of sockeye escapement from Ilnik Lagoon by statistical week, 1990.

Statistical Week	Sample Size		AGES 0.3	1.2	0.4	1.3	2.2	1.4	2.3	Total
22-36	245	Percent	7.8	50.6	0.8	23.7	6.1	5.3	5.7	100.0
		Numbers	2,769	18,069	291	8,451	2,186	1,894	2,040	35,700
		SE	611	1,143	206	971	548	512	530	
Total	245	Percent	7.8	50.6	0.8	23.7	6.1	5.3	5.7	100.0
		Numbers	2,769	18,069	291	8,451	2,186	1,894	2,040	35,700 a/
		SE	611	1,143	206	971	548	512	530	

a/ Escapement based on aerial survey data.

Appendix H.8. Estimated length composition of sockeye escapement samples from Ilnik Lagoon by age and sex, statistical weeks 27 and 28, 1990.

	AGES							
	0.3	1.2	0.4	1.3	2.2	1.4	2.3	Total
Females								
Mean Length	543	486	0	557	494	607	546	510
SE	8	5	-	9	18	19	20	5
Range	515-572	409-588	0-0	489-630	438-560	588-625	479-615	409-630
Sample Size	6	60	0	20	7	2	6	101
Males								
Mean Length	590	474	663	604	494	649	606	543
SE	12	5	8	8	20	6	13	7
Range	500-648	382-578	655-670	458-662	430-587	612-675	555-652	382-675
Sample Size	13	64	2	38	8	11	8	144
All Fish								
Mean Length	575	480	663	588	494	642	580	529
SE	10	4	8	7	13	7	14	5
Range	500-648	382-588	655-670	458-662	430-587	588-675	479-652	382-675
Sample Size	19	124	2	58	15	13	14	245

Appendix H.9. Estimated sex composition of sockeye escapement from Ilnik Lagoon by statistical week, 1990.

Statistical Week	Sample			Escapement				
	Females	Males	Total	Percent Females	Percent Males	Females	Males	Total
22-36	126	172	298	42.3	57.7	15,095	20,605	35,700
Total	126	172	298	42.3	57.7	15,095	20,605	35,70 a/

a/ Escapement based on aerial survey data.

Appendix H.10. Estimated age composition of sockeye escapement from Orzenoi River by statistical week, 1990.

Statistical Week	Sample Size		AGES 1.1	1.2	2.1	1.3	2.2	1.4	2.3	3.3	Total
26-32	248	Percent	0.4	48.4	2.8	12.5	21.0	0.4	14.1	0.4	100.0
		Numbers	60	7,258	423	1,875	3,145	60	2,117	60	15,000
		SE	60	477	158	316	389	60	332	60	
Total	248	Percent	0.4	48.4	2.8	12.5	21.0	0.4	14.1	0.4	100.0
		Numbers	60	7,258	423	1,875	3,145	60	2,117	60	15,000
		SE	60	477	158	316	389	60	332	60	

Appendix H.11. Estimated length composition of sockeye escapement samples from Orzenoi River by age and sex, statistical weeks 28 through 31, 1990.

	AGES								
	1.1	1.2	2.1	1.3	2.2	1.4	2.3	3.3	Total
Females									
Mean Length	0	490	0	561	492	590	572	0	514
SE	-	4	-	9	6	-	10	-	5
Range	0-0	430-600	0-0	469-600	410-530	590-590	440-620	0-0	410-620
Sample Size	0	49	0	17	27	1	16	0	110
Males									
Mean Length	320	479	354	569	514	0	597	610	505
SE	-	6	7	18	9	-	8	-	6
Range	320-320	385-590	320-375	430-650	430-585	0-0	520-640	610-610	320-650
Sample Size	1	70	7	14	25	0	19	1	137
All Fish									
Mean Length	320	484	354	565	503	590	586	610	509
SE	-	4	7	9	5	-	6	-	4
Range	320-320	385-600	320-375	430-650	410-585	590-590	440-640	610-610	320-650
Sample Size	1	119	7	31	52	1	35	1	247

Appendix H.12. Estimated sex composition of sockeye escapement from Orzenoi River by statistical week, 1990.

Statistical Week	Sample			Escapement				
	Females	Males	Total	Percent Females	Percent Males	Females	Males	Total
26-32	121	151	272	44.5	55.5	6,673	8,327	15,000
Total	121	151	272	44.5	55.5	6,673	8,327	15,000

Appendix I.1. Salmon escapement survey counts in the South Peninsula, 1990.

Stream Number	Stream Name/Location	--Calendar-- Date	Day	Survey Condition	Species Sockeye	Coho	Pink	Chum	Observer	Remarks
SOUTHEASTERN DISTRICT										
281-35.07	Bluff Point	Not Surveyed								
281-35.06	Boulder Bay	04-Aug	216	Good	0	0	0	0	McCullough	300 pinks at mouth
		29-Aug	241	Good	0	0	0	800	McCullough	2,500 pinks at mouth, 2,250 pinks in lagoon, few carcasses
		01-Oct	274	Good		1,500			Shaul	500 cohos in stream balance in lagoon, thousands of carcasses, Cherokee survey
281-35.05	Fox Bay	05-Aug	217	Good	0	0	0	0	McCullough	
		29-Aug	241	Good	0	0	1,500	0	McCullough	200 pinks at mouth, 5,000 pinks in lagoon
		01-Oct	274	Good		0			Shaul	Cherokee survey
281-35.04	Fox Bay	04-Aug	216	Good	0	0	50	0	McCullough	100 pinks at mouth
		29-Aug	241	Good	0	0	600	0	McCullough	3,000 pinks at mouth, 2,500 pinks in lagoon
		01-Oct	274	Good		500			Shaul	All cohos in stream; none in lagoon, Cherokee survey
281-35.02	Fox Bay	04-Aug	216	Good	0	0	50	0	McCullough	300 pinks at mouth
		17-Aug	229	Good	0	0	1,400	0	Shaul	Mouth and beach too choppy to survey
		29-Aug	241	Good	0	0	1,600	0	McCullough	5,000 pinks at mouth, few carcasses
		01-Oct	274	Good		200			Shaul	Cherokee survey
281-34.08	Island Bay	04-Aug	216	Good	0	0	0	0	McCullough	
		29-Aug	241	Good	0	0	500	0	McCullough	2,000 pinks at mouth
281-34.07	Island Bay	04-Aug	216	Good	0	0	0	0	McCullough	50 pinks at mouth
		29-Aug	241	Good	0	0	25	0	McCullough	250 pinks at mouth
281-34.06	Island Bay	04-Aug	216	Good	0	0	100	0	McCullough	75 pinks at mouth
		17-Aug	229	Good	0	0	1,300	0	Shaul	1,000 pinks in .05, 300 in .06, beach choppy
		29-Aug	241	Good	0	0	3,500	0	McCullough	5,500 pinks at mouth
		01-Oct	274	Good		150			Shaul	Coho in lower portion of lagoon, Cherokee survey
281-34.05	Island Bay	04-Aug	216	Good	0	0	0	0	McCullough	50 pinks at mouth, 3,000 fish in bay
		17-Aug	229	Good					Shaul	See 17-Aug. survey 34.06
		29-Aug	241	Good	0	0	1750	0	McCullough	5,500 pinks at mouth
		01-Oct	274	Good		150			Shaul	See 01-Oct. survey 34.06
281-34.04	Unnamed	04-Aug	216	Good	0	0	0	0	McCullough	
		29-Aug	241	Good	0	0	250	0	McCullough	300 pinks at mouth

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Stream Number	Stream Name/Location	--Calendar-- Date	Day	Survey Condition	Sockeye	Coho	Pink	Chum	Observer	Remarks
					----------Species----------					
281-34.03	Stonehouse	04-Aug	216	Good	0	0	450	0	McCullough	1,500 pinks at mouth
		17-Aug	229	Good	0	0	3,000	0	Shaul	4,500 pinks at mouth, cove choppy
		29-Aug	241	Good	0	0	4,800	0	McCullough	15,000 pinks at mouth, few carcasses, salmon
		01-Oct	274	Good		0			Shaul	Cherokee survey
281-34.02	Osterback	04-Aug	216	Good	0	0	0	0	McCullough	400 pinks at mouth
		17-Aug	229	Good	0	0	5,500	0	Shaul	Mouth and beach too choppy to survey
		29-Aug	241	Good	0	0	3,600	0	McCullough	400 pinks at mouth, no fish past 3 foot falls
		01-Oct	274	Good		20			Shaul	Cherokee survey
281-34.01	Granville-Portage Inlet	04-Aug	216	Good	0	0	0	0	McCullough	
		17-Aug	229	Good	0	0	0	300	Shaul	Jumpers in deep water
		29-Aug	241	Good	0	0	1,200	0	McCullough	200 pinks in lagoon
		10-Sep	253	Good	0	0	430	0	McCullough	450 pink carcasses, good escapement
		21-Sep	264	Good	0	700	0	2,500	Shaul	Coho schooled, chums spawning, Cherokee survey
281-33.05	Stepovak River	04-Aug	216	Good	0	0	0	25	McCullough	Many chums jumping at mouth
		29-Aug	241	Good	0	0	1,500	15,300	McCullough	Some chum carcasses, good escapement but could hold more
		10-Sep	253	Good	0	0	0	9,680	McCullough	Mainstream mouth muddy, clear tributaries on west side of mainstream had better escapement than eastside tributaries
281-33.06	Stepovak Flats	04-Aug	216	Good	0	0	0	0	McCullough	
		29-Aug	241	Good	0	0	0	300	McCullough	
		10-Sep	253	Good	0	250	0	650	McCullough	Stream could hold more fish, especially chums
281-33.04	Big River	04-Aug	216	Good	0	0	0	0	McCullough	No jumpers at mouth
		29-Aug	241	Good	0	0	1,600	900	McCullough	Could hold more fish for escapement
		10-Sep	253	Good	0	0	0	10	McCullough	Mainstream muddy, very poor escapement in clear water tributaries, no chum spawners
		21-Sep	264	Good	0	0	0	0	Shaul	Partial survey - lower 1/2 mile of river, Cherokee survey
281-33.03	Louie's Corner	04-Aug	216	Good	0	0	0	0	McCullough	
		10-Aug	222	Good	0	0	0	200	Owen	500 pinks in bay
		29-Aug	241	Good	0	0	0	4,400	McCullough	3,400 chums at mouth, could hold a few more, good escapement
		10-Sep	253	Good	0	0	0	2,240	McCullough	150 chums at mouth, 550 chum carcasses, system could hold more fish, especially chums
		01-Oct	274	Good		600			Shaul	Cherokee survey
281-33.02	Ramsey Bay	04-Aug	216	Good	0	0	0	0	McCullough	
		29-Aug	241	Good	0	0	0	900	McCullough	30,000 chum between streams 33.02 and 33.01, these were later stolen
		10-Sep	253	Good	0	0	0	880	McCullough	Very poor escapement
		01-Oct	274	Good		300			Shaul	Cherokee survey

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Stream Number	Stream Name/Location	--Calendar-- Date	Day	Survey Condition	Sockeye	Coho	Pink	Chum	Observer	Remarks
					----------Species----------					
281-33.01	Ramsey Bay	04-Aug	216	Good	0	0	0	0	McCullough	
		29-Aug	241	Good	0	0	0	0	McCullough	30,000 chum between streams 33.02 and 33.01, these were later stolen
		10-Sep	253	Good	0	0	0	220	McCullough	Very poor escapement
281-32.07	Grub Gulch	04-Aug	216	Good	0	0	400	0	McCullough	500 pinks at mouth, 5,000 pinks in bay
		10-Aug	222	Good	0	0	2,000	0	Owen	8,000 chums in bay
		29-Aug	241	Good	0	0	25,800	600	McCullough	1,500 pinks at mouth
		10-Sep	253	Good	0	0	4,225	1,050	McCullough	100 cohos at mouth
		21-Sep	264	Good	0	1,100	0	0	Shaul	Cherokee survey
281-32.05	Clark Bay	04-Aug	216	Good	0	0	0	0	McCullough	75 pinks at mouth
		10-Aug	222	Good	0	0	1,500	0	Owen	2,000 pinks at mouth
		17-Aug	229	Good	0	0	1,400	500	Shaul	Bay and mouth choppy
		29-Aug	241	Good	0	0	6,400	0	McCullough	6,000 pinks at mouth
		10-Sep	253	Good	0	0	1,250	900	McCullough	50 cohos at mouth
		21-Sep	264	Good	0	0	0	1,000	Shaul	Cherokee survey
281-32.04	Little Norway	04-Aug	216	Good	0	0	125	0	McCullough	950 pinks at mouth
		10-Aug	222	Good	0	0	700	0	Owen	1,200 pinks at mouth
		17-Aug	229	Good	0	0	2,100	100	Shaul	2,000 pinks and 2,000 chums at mouth
		29-Aug	241	Good	0	0	4,500	1,800	McCullough	1,500 pinks at mouth
		10-Sep	253	Good	0	0	0	10,000	McCullough	1,000 cohos at mouth, very good escapement
		21-Sep	264	Good		400		1,000	Shaul	Cherokee survey
281-31.03	Orzinski (Orzenoi) Lake*	28-Jul	209	Good	0	0	0	0	McCullough	Partial survey - lake outlet and stream, 50 salmon at mouth, 100 in stream
		04-Aug	216	Good	300	0	1,100	0	McCullough	4,000 pinks at mouth, sockeye in 2 schools on west side of lake, a few colored along north shore
		10-Aug	222	Good	750	0	0	0	Owen	
		17-Aug	229	Good	0	0	10,000	0	Shaul	
		29-Aug	241	Fair	250	0	14,000	0	McCullough	3,000 pinks at mouth, 3,100 sockeye in lake, total Orzenoi escapement about 15,000
		10-Sep	253	Good	0	0	2,000	200	McCullough	6,000 pink carcasses, 15,000 sockeye spawners in lake
		01-Oct	274	Good	1,500	1,200	0	0	Shaul	Sockeye spawning, 1,000 cohos schooled above outlet with 200 in stream, Cherokee survey
281-20.04	Windbound Bay	28-Jul	209	Good	0	0	0	0	McCullough	100 pinks at mouth
		29-Aug	241	Good	0	0	600	0	McCullough	1,200 pinks at mouth
281-20.03	Chichagof Stream	11-Aug	223	Good	0	0	1,500	0	Owen	1,000 chum at mouth, 1,000 chum in bay
		29-Aug	241	Good	0	0	20	0	McCullough	

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Stream Number	Stream Name/Location	Calendar Date	Calendar Day	Survey Condition	Species: Sockeye	Coho	Pink	Chum	Observer	Remarks
281-20.02	Chichagof	28-Jul	209	Good	0	0	25	0	McCullough	50 pinks at mouth, 50 pinks in lagoon
		10-Aug	222	Good	0	0	3,300	0	Owen	
		29-Aug	241	Good	0	0	0	3,200	McCullough	25 chums in lagoon
		21-Sep	264	Good	0	300	0	0	Shaul	Coho in lagoon, Cherokee survey
281-20.01	Chichagof Bay	28-Jul	209	Good	0	0	0	0	McCullough	
		10-Aug	222	Good	0	0	1,000	0	Owen	
		29-Aug	241	Good	0	0	4,300	0	McCullough	1,800 pinks at mouth
281-10.04	West Cove	29-Aug	241	Good	0	0	425	0	McCullough	550 pinks at mouth
		06-Sep	249	Good	0	0	1,700	0	Shaul	
281-10.03	Suzy Creek	28-Jul	209	Good	0	0	5,000	0	McCullough	750 pinks at mouth
		08-Aug	220	Good	0	0	13,300	0	Shaul	Most pinks spawning
		10-Aug	222	Good	0	0	21,000	0	Owen	2,000 pinks at mouth
		17-Aug	229	Good	0	0	20,500	0	Shaul	Additional number of carcasses
		29-Aug	241	Good	0	0	21,000	0	McCullough	1,500 pinks at mouth, upper 2/3 of Suzy Creek more carcasses than live fish
		06-Sep	249	Good	0	0	4,300	0	Shaul	
281-10.02	Dorenoi Minor	10-Aug	222	Good	0	0	0	0	Owen	3,000 chums at mouth
		29-Aug	241	Good	0	0	3,600	0	McCullough	1,250 pinks at mouth
		06-Sep	249	Good	0	0	1,700	600	Shaul	
281-10.01	Dorenoi Major	28-Jul	209	Good	0	0	0	0	McCullough	Partial survey, 100 pinks at mouth
		10-Aug	222	Good	0	0	0	0	Owen	1,000 chums at mouth
		29-Aug	241	Good	0	0	6,700	0	McCullough	700 pinks at mouth
		06-Sep	249	Good	0	0	3,300	2,100	Shaul	
		01-Oct	274	Good		700			Shaul	Cherokee survey
283-90.04	San Diego Bay	28-Jul	209	Good	0	0	0	0	McCullough	
		10-Aug	222	Good	0	0	0	500	Owen	100 chums in bay
		29-Aug	241	Good	0	0	0	1,400	McCullough	
283-90.03	San Diego	29-Jul	210	Good	0	0	0	0	McCullough	
		10-Aug	222	Good	0	0	0	50	Owen	6,200 chums in bay
283-90.04	San Diego Lagoon	28-Jul	209	Good	0	0	0	0	McCullough	
		29-Aug	241	Good	0	0	0	20	McCullough	
283-90.02	Rough Beach	17-Aug	229	Good	0	0	15,000	0	Shaul	
		29-Aug	241	Good	0	0	28,000	0	McCullough	200 pinks at mouth, good escapement
		06-Sep	249	Good	0	2,000	11,700	0	Shaul	1,700 pinks in lower river

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Stream Number	Stream Name/Location	--Calendar-- Date	Day	Survey Condition	Species Sockeye	Coho	Pink	Chum	Observer	Remarks
283-90.01	Swedania Point	04-Aug	216	Good	0	0	3,000	0	McCullough	2,000 pinks at mouth
		29-Aug	241	Good	0	0	8,500	0	McCullough	100 pinks at mouth
		06-Sep	249	Good	0	500	5,200	0	Shaul	
282-13.01	Unga Spit	Not Surveyed								
282-13.02	Dry Lagoon	28-Jul	209	Good	0	0	0	4,250	McCullough	
		10-Jul	191	Good	0	0	20,000	0	Owen	
		29-Jul	210	Good	0	0	950	0	McCullough	Of 950 pinks: 450 were in A branch and 500 in B branch
		21-Sep	264	Good		2,300			Shaul	Cherokee survey
282-13.03	Bay Point	28-Jul	209	Good	0	0	0	750	McCullough	1,500 chums in lagoon
		29-Aug	241	Good	0	0	10,400	0	McCullough	200 pinks in lagoon, most schooled but some throughout stream
		21-Sep	264	Good		300			Shaul	Cherokee survey
282-13.04	Pinnacle Point	10-Aug	222	Good	0	0	15,000	0	Owen	
		17-Aug	229	Good	0	0	27,000	0	Shaul	
		29-Aug	241	Good	0	0	6,350	0	McCullough	200 pinks at mouth
282-13.05	Unnamed	Not Surveyed								
282-10.02	Apollo Minor	28-Jul	209	Good	0	0	0	0	McCullough	
		29-Aug	241	Good	0	0	1,250	0	McCullough	
282-10.03	Apollo Creek	28-Jul	209	Good	0	0	0	0	McCullough	
		10-Aug	222	Good	0	0	0	100	Owen	
		17-Aug	229	Poor	0	0	1,300	0	Shaul	
		29-Aug	241	Good	0	0	1,300	0	McCullough	200 pinks at mouth
		21-Sep	264	Good		0			Shaul	Cherokee survey
282-10.04	Acheredin Lake	28-Jul	209	Good	900	0	0	0	McCullough	75 sockeye at mouth, many small schools, some beginning to color
		10-Aug	222	Good	5,500	0	0	0	Owen	
		29-Aug	241	Fair	4,750	0	0	0	McCullough	25 cohos at mouth, water choppy, probably missed some sockeye
		21-Sep	264	Poor		0			Shaul	Poor conditions due to low light angle, Cherokee survey
282-10.10	Unnamed	Not Surveyed								

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Stream Number	Stream Name/Location	--Calendar-- Date	Day	Survey Condition	Sockeye	Coho	Pink	Chum	Observer	Remarks
					----------Species----------					
282-10.11	Apollo Gold Mine	28-Jul	209	Good	0	0	50	0	McCullough	75 pinks at mouth
		10-Aug	222	Good	0	0	0	0	Owen	1,000 chums at mouth
		17-Aug	229	Poor	0	0	2,000	0	Shaul	200 chums at mouth, poor light conditions
		29-Sep	272	Good	0	0	3,500	0	McCullough	150 pinks at mouth
		06-Oct	279	Good	0	0	5,800	0	Shaul	100 chums at mouth
282-10.12	Unga Cape	28-Jul	209	Good	0	0	0	0	McCullough	
282-10.13	Baralof Bay	17-Aug	229	Good	40	0	0	0	Shaul	All spawning along lake shore
		29-Aug	241	Good	10	0	0	50	McCullough	Stream open
		06-Sep	249	Good	0	0	400	0	Shaul	
		21-Sep	264	Good		400			Shaul	Cherokee survey
282-10.14	Squaw Harbor Minor	28-Jul	209	Good	0	0	0	0	McCullough	
		10-Aug	222	Good	0	0	0	0	Owen	
		17-Aug	229	Good	0	0	500	0	Shaul	1,000 pinks at mouth
		29-Aug	241	Good	0	0	1,400	0	McCullough	350 pinks at mouth
		06-Sep	249	Good	0	0	2,000	0	Shaul	
282-10.15	Squaw Harbor Major	28-Jul	209	Good	0	0	0	0	McCullough	
		08-Aug	220	Good	0	0	2,000	0	Shaul	
		10-Aug	222	Good	0	0	300	0	Owen	7,000 pinks in bay
		17-Aug	229	Good	0	0	9,800	0	Shaul	300 pinks at mouth
		29-Aug	241	Good	0	0	21,000	0	McCullough	250 pinks at mouth, good escapement
		06-Sep	249	Good	0	800	16,600	0	Shaul	
		21-Sep	264	Good	0	2,000	3,000	0	Shaul	Cherokee survey
282-10.16	Ben Green Bight	28-Jul	209	Good	0	0	800	0	McCullough	500 pinks at mouth
		08-Aug	220	Good	0	0	900	0	Shaul	500 pinks along beach
		17-Aug	229	Good	0	0	5,200	0	Shaul	1,000 pinks at mouth
		29-Aug	241	Good	0	0	3,900	0	McCullough	4,000 pinks at mouth
		06-Sep	249	Good	0	0	5,500	0	Shaul	
		21-Sep	264	Good		100			Shaul	Cherokee survey
282-12.10	No Name	28-Jul	209	Good	0	0	0	0	McCullough	5 chums at mouth
		29-Aug	241	Good	0	0	0	0	McCullough	500 carcasses
282-12.09	South Quartz Point	28-Jul	209	Good	0	0	0	0	McCullough	2 chums at mouth
		29-Aug	241	Good	0	0	400	0	McCullough	200 pinks at mouth
282-12.08	South Quartz Point	28-Jul	209	Good	0	0	0	0	McCullough	
		29-Aug	241	Good	0	0	275	0	McCullough	75 pinks at mouth

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Stream Number	Stream Name/Location	--Calendar-- Date	Day	Survey Condition	Species: Sockeye	Coho	Pink	Chum	Observer	Remarks
282-12.07	Zachary Bay	28-Jul	209	Good	0	0	0	0	McCullough	
		29-Aug	241	Good	0	0	125	0	McCullough	50 pinks at mouth
282-12.06	Zachary Bay	28-Jul	209	Good	0	0	0	50	McCullough	
		29-Aug	241	Good	0	0	300	0	McCullough	250 pinks at mouth
282-12.05	Zachary Bay	28-Jul	209	Good	0	0	0	50	McCullough	500 chums at mouth
		29-Aug	241	Good	0	0	2,100	0	McCullough	250 pinks at mouth
282-12.04	Zachary Bay	28-Jul	209	Good	0	0	0	0	McCullough	500 chums at mouth, 50 eagles at mouth of streams .04 and .05
		29-Aug	241	Good	0	0	750	0	McCullough	3,000 pinks at mouth
282-12.03	Zachary Bay	28-Jul	209	Good	0	0	0	0	McCullough	
		29-Aug	241	Good	0	0	200	0	McCullough	150 pinks at mouth, 400 carcasses
282-12.02	Zachary Bay	28-Jul	209	Good	0	0	0	0	McCullough	
		29-Aug	241	Good	0	0	2,500	0	McCullough	50 pinks at mouth
282-12.01	Coal Harbor	28-Jul	209	Good	0	0	0	0	McCullough	
		29-Aug	241	Good	0	0	125	0	McCullough	
282-10.18	Humbolt Creek	Not Surveyed								
282-11.01	Salmon Ranch	29-Aug	241	Good	0	0	300	0	McCullough	500 pinks at mouth
		06-Sep	249	Good	0	0	2,800	0	Shaul	300 pinks at mouth
282-11.03	Fox Hole	29-Aug	241	Good	0	0	1,650	0	McCullough	250 pinks of the total count were in lagoon
		06-Sep	249	Good	0	0	3,800	0	Shaul	300 pinks at mouth, as many additional carcasses as live pinks
282-11.06	Korovin Island	Not Surveyed								
282-20.00	Sanborn Harbor	Not Surveyed								
282-20.03	Sanborn Harbor	Not Surveyed								

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Stream Number	Stream Name/Location	--Calendar-- Date	Day	Survey Condition	Sockeye	Coho	Pink	Chum	Observer	Remarks
					----------Species----------					
282-20.04	Sanborn Harbor	Not Surveyed								
282-20.05	Falmouth Harbor	Not Surveyed								
283-80.16	Ballast	06-Sep	249	Good	0	0	0	0	Shaul	
283-80.15	Coleman	29-Jul	210	Fair	0	0	0	0	Probasco	
		10-Aug	222	Good	0	0	0	400	Owen	2,000 chums at mouth
		29-Aug	241	Good	0	0	1,800	0	McCullough	2,000 pinks at mouth
		06-Sep	249	Good	0	0	2,300	1,400	Shaul	3,000 chums at mouth
		21-Sep	264	Good		500			Shaul	100 cohos at mouth, Cherokee survey
283-80.14	Johnson	29-Jul	210	Good	0	0	10	0	Probasco	Fair to poor conditions in bay
		10-Aug	222	Good	0	0	0	600	Owen	
		29-Aug	241	Good	0	0	1,800	0	McCullough	2,000 pinks at mouth
		06-Sep	249	Good	0	0	7,000	700	Shaul	2,000 chums at mouth
283-80.12	Foster's Camp	06-Sep	249	Good	0	0	500	0	Shaul	
283-80.11	Monolith Point	10-Aug	222	Good	0	0	0	0	Owen	500 pinks at mouth
		06-Sep	249	Good	0	0	2,000	0	Shaul	
283-80.09	Foster's Creek	10-Aug	222	Good	0	0	7,000	0	Owen	4,000 chums at mouth, 4,500 pinks in bay
		17-Aug	229	Good	0	0	14,000	1,200	Shaul	4,000 pinks at mouth
		29-Aug	241	Good	0	0	13,100	0	McCullough	
		06-Sep	249	Good	0	0	4,100	3,600	Shaul	
		21-Sep	264	Good	0	200	0	0	Shaul	Cherokee survey
283-80.08	Lefthand Bay	10-Aug	222	Good	0	0	8,000	1,200	Owen	4,500 chums and 1,500 pinks at mouth
		17-Aug	229	Good	0	0	5,000	4,000	Shaul	1,000 pinks at mouth
		29-Aug	241	Good	0	250	6,900	0	McCullough	250 cohos at mouth
		06-Sep	249	Good	0	1,900	9,000	1,300	Shaul	
		19-Sep	262	Good		600			Shaul	Cherokee survey
283-80.06	Cape Aliaksin East	17-Aug	229	Good	0	0	7,000	0	Shaul	1,000 pinks at mouth
		29-Aug	241	Good	0	0	11,500	0	McCullough	
283-80.05	Cape Aliaksin Center	17-Aug	229	Good	0	0	800	200	Shaul	100 chums at mouth
		29-Aug	241	Good	0	0	2,400	0	McCullough	
283-80.04	Cape Aliaksin West	17-Aug	229	Good	0	0	9,000	0	Shaul	2,000 pinks at mouth
		29-Aug	241	Good	0	0	5,300	0	McCullough	2,000 pinks at mouth

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Stream Number	Stream Name/Location	--Calendar-- Date	Day	Survey Condition	Sockeye	Coho	Pink	Chum	Observer	Remarks
					----------Species----------					
SOUTH CENTRAL DISTRICT										
283-70.06	Kagayan Flats	19-Aug	231	Good	0	0	0	0	Shaul	Cherokee survey
283-70.05	Beaver River	04-Aug	216	Good	0	0	200	5,300	Shaul	Good conditions
		29-Aug	241	Good	0	0	0	3,600	McCullough	450 chum carcasses, upper reaches could use more fish
		06-Sep	249	Good	0	2,200	6,200	300	Shaul	
		19-Sep	262	Good in tribs., poor in main stem		800			Shaul	400 in pond at first bend, 300 in clear tributary, mainstream muddy
283-70.04	Smiley's	04-Aug	216	Good	0	0	0	0	Shaul	500 pinks at mouth
		29-Aug	241	Good	0	0	800	0	McCullough	
283-70.03	McGinty Point	04-Aug	216	Good	0	0	200	100	Shaul	300 pinks at mouth
		29-Aug	241	Good	0	0	5,600	0	McCullough	
		31-Aug	243	Good	0	0	8,000	0	Berceli	
283-70.02	East of Mino	04-Aug	216	Good	0	0	4,000	0	Shaul	
		31-Aug	243	Good	0	0	7,800	0	Berceli	
283-70.01	Mino Creek	11-Jul	192	Good	0	0	700	380	Berceli	Most fish in lower section, chums schooled near mouth
		27-Jul	208	Good	0	0	15,000	0	Shaul	Grumman Goose survey
		29-Jul	210	Good	0	0	13,400	0	Probasco	All fish in lower creek
		04-Aug	216	Good	0	0	26,900	0	Shaul	25,000 fish were below forks
		08-Aug	220	Good	0	0	73,100	0	Shaul	Many pinks beginning to spawn in lower end, only 7,000 pinks above forks
		31-Aug	243	Good	950	0	59,100	0	Berceli	Partial survey, did not fly upper valleys, fresh fish in lower section, sockeye in C and F lakes
		06-Sep	249	Good	0	200	35,800	0	Shaul	
		01-Oct	274	Good	200	1,900	0	0	Shaul	200 sockeye and 500 coho in F lake, balance of cohos scattered throughout stream
283-62.05	Coal Bay Major	27-Jul	208	Good	0	0	1,500	0	Shaul	1,000 pinks at mouth
		29-Jul	210	Good	0	0	100	0	Probasco	200 pinks at mouth
		04-Aug	216	Good	0	0	8,500	0	Shaul	5,000 pinks at mouth, several thousand fish along beach
		08-Aug	220	Good	0	0	26,000	0	Shaul	Good escapement in lower end, poor in canyon
		31-Aug	243	Good	0	0	15,500	0	Berceli	5,000 carcasses
		06-Sep	249	Good	0	0	16,000	0	Shaul	
		01-Oct	274	Good	0	200	0	0	Shaul	

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Stream Number	Stream Name/Location	--Calendar-- Date	Day	Survey Condition	Species Sockeye	Coho	Pink	Chum	Observer	Remarks
283-62.04	Coal Bay Minor	29-Jul	210	Good	0	0	0	0	Probasco	
		04-Aug	216	Good	0	0	1,000	0	Shaul	1,000 pinks at mouth
		31-Aug	243	Good	0	0	8,100	0	Berceli	1,500 carcasses
		06-Sep	249	Good	0	0	13,600	0	Shaul	
		01-Oct	274	Good	0	100	0	0	Shaul	
283-62.03	Coal Bay Middle	06-Sep	249	Good	0	0	2,000	0	Shaul	
283-62.02	Coal Bay	06-Sep	249	Good	0	0	4,000	0	Shaul	
283-62.01	Cape Tolstoi	06-Sep	249	Good	0	0	2,800	0	Shaul	2,800 additional carcasses
283-63.16	Settlement Point	11-Jul	192	Good	0	0	140	0	Berceli	
		26-Jul	207	Good	0	0	15,000	0	Shaul	Partial survey - to forks
		29-Jul	210	Good	0	0	34,000	0	Probasco	10,000 pinks at mouth
		04-Aug	216	Good	0	0	56,000	0	Shaul	4,000 pinks at mouth, 31,000 below forks, 5,000 in right fork
		07-Aug	219	Good	0	0	151,000	0	Shaul	11,000 above rapids, 16,000 in fork
		31-Aug	243	Good	0	0	34,350	0	Berceli	About 50,000 carcasses
		06-Sep	249	Good	0	0	53,000	2,000	Shaul	7,000 in fork, very few above white water
		01-Oct	274	Good	0	1,600	0	0	Shaul	In small schools all the way up
283-63.15	Middle Creek	11-Jul	192	Good	0	0	50	0	Berceli	
		26-Jul	207	Good	0	0	5,300	0	Shaul	
		29-Jul	210	Good	0	0	8,000	0	Shaul	200 pinks at mouth
		04-Aug	216	Good	0	0	22,600	0	Shaul	2,600 in fork
		07-Aug	219	Good	0	0	36,000	0	Shaul	8,000 in fork
		31-Aug	243	Good	0	0	10,300	0	Berceli	7,500 additional carcasses
		05-Sep	248	Good	0	0	20,000	0	Shaul	Only 2,000 above forks, engine trouble
283-64.10	Ness Creek	14-Aug	226	Good	0	0	400	0	Shaul	
		31-Aug	243	Good	0	0	2,000	0	Berceli	100 pinks at mouth
		05-Sep	248	Good	0	0	2,600	0	Shaul	300 pinks at mouth, good escapement
283-64.09	Inner Canoe Bay	31-Aug	243	Good	0	0	0	1,600	Berceli	1,600 carcasses
283-64.08	Entrance Creek	04-Aug	216	Good	0	0	1,500	0	Shaul	
		14-Aug	226	Good	0	0	3,500	200	Shaul	5,000 chums at mouth
		31-Aug	243	Good	0	0	3,100	500	Berceli	
		05-Sep	248	Good	0	0	3,900	300	Shaul	400 chums at mouth
283-64.	Wolverine Gulch	31-Aug	243	Good	0	0	1,600	0	Berceli	400 additional carcasses

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Stream Number	Stream Name/Location	--Calendar-- Date	Day	Survey Condition	Sockeye	Coho	Pink	Chum	Observer	Remarks
					----------Species----------					
283-64.06	Canoe Bay River	11-Jul	192	Good	0	0	0	1,300	Berceli	1,170 in inner bay along edge of flats, jumpers
		13-Jul	194	Good	200	0	0	2,800	Shaul	1,300 chums at mouth, additional 7,000 chums in inner bay
		26-Jul	207	Good	0	0	0	19,000	Shaul	Inner bay too choppy, poor light
		29-Jul	210	Good	0	0	0	38,000	Probasco	2,000 chums off Entrance creek, 3,500 in Inner Bay
		04-Aug	216	Good	600	0	2,000	43,200	Shaul	4,000 chums at mouth, 200 chums were in Four Bear, additional 14,000 chums in Inner Bay, of which 8,000 were off Blunt Pt. Creek
		31-Aug	243	Good	0	0	2,500	15,200	Berceli	4,500 chums, 500 pinks, and 3,000 carcasses in Four Bear
		19-Sep	262	Good	0	1,200	0	0	Shaul	
283-64.05	Bluff Point	04-Aug	216	Good	0	0	4,100	1,100	Shaul	8,000 chums at mouth
		14-Aug	226	Good	0	0	10,500	500	Shaul	
		31-Aug	243	Good	0	0	6,000	600	Berceli	
		05-Sep	248	Good	0	0	12,000	1,000	Shaul	Plus as many carcasses
		19-Sep	262	Good	0	0	0	0	Shaul	
283-63.14	Dry Lagoon	Not Surveyed								
283-63.13	Ruby's Lagoon	29-Aug	241	Good	0	0	600	5,500	Shaul	4,300 chums were in lagoon
		21-Sep	264	Good	0	600	0	0	Shaul	All in lower part of creek
283-63.11	Chinaman Lagoon North	29-Aug	241	Good	0	0	0	400	Shaul	All in lagoon
		21-Sep	264	Good	0	0	0	0	Shaul	Nothing
283-63.10	Chinaman Lagoon Main	29-Aug	241	Good	0	0	0	2,700	Shaul	7,000 chums at mouth
		21-Sep	264	Good	0	200	0	0	Shaul	1,500 cohos at mouth
283-63.09	Chinaman Lagoon	Not surveyed								
283-63.06	Chinaman Lagoon South	29-Aug	241	Good	0	0	0	600	Shaul	300 chums at mouth of 62.05 and 62.06
		21-Sep	264	Good	0	0	0	0	Shaul	300 cohos at mouth
283-63.05	Lower Chinaman Lagoon	29-Aug	241	Good	0	0	0	3,200	Shaul	See remarks under 63.06
		21-Sep	264	Good	0	0	0	0	Shaul	See remarks under 63.06
283-63.04	Chinaman Stream South	29-Aug	241	Good	0	0	600	1,700	Shaul	300 chums at mouth

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Stream Number	Stream Name/Location	--Calendar-- Date	Day	Survey Condition	Sockeye	Coho	Pink	Chum	Observer	Remarks
					----------Species----------					
283-61.05	Long John Lagoon	06-Sep	249	Good	0	100	0	0	Shaul	100 cohos at mouth
		19-Sep	262	Good	0	1,100	0	0	Shaul	
283-61.04	Spring Fed Lakes	04-Aug	216	Good	540	0	0	0	Shaul	500 chums in lagoon
		29-Aug	241	Good	500	50	0	0	Shaul	
283-61.03	Long John Lagoon	29-Aug	241	Good	0	0	0	0	Shaul	Nothing
283-61.02	Southwest Stream	29-Aug	241	Good	0	0	1,400	1,700	Shaul	Additional 2,000 chums in pothole, 1,000 chums in lagoon
		19-Sep	262	Good	0	1,100	500	500	Shaul	400 of the cohos were in pothole pointed towards 62.02
SOUTHWESTERN DISTRICT										
283-52.10	Dushkin Lagoon	Not Surveyed								
283-52.08	Volcano River	04-Aug	216	Good	0	0	0	100	Shaul	800 chums at mouth
		13-Aug	225	Good	0	0	2,000	400	Shaul	Nothing on Flats, poor escapement
		29-Aug	241	Good	0	0	1,500	5,200	Shaul	6,000 chums at mouth, an additional 3,000 chums between 52.08 and Dushkins
		06-Sep	249	Good	0	0	1,900	10,800	Shaul	7,000 chums at mouth
		01-Oct	274	Good	0	2,000	0	3,000	Shaul	
283-52.07	Volcano Center Sloughs	04-Aug	216	Good	0	0	0	0	Shaul	100 chums at mouth
		13-Aug	225	Good	0	0	300	600	Shaul	3,000 pinks at mouth, poor escapement
		29-Aug	241	Good	0	0	700	200	Shaul	8,000 chums at mouth
		06-Sep	249	Good	0	0	2,400	400	Shaul	8,000 chums at mouth
		01-Oct	274	Good	0	100	0	2,000	Shaul	
283-52.06	West Springholes	04-Aug	216	Good	0	0	300	100	Shaul	800 pinks at mouth
		13-Aug	225	Good	0	0	2,800	200	Shaul	2,000 pinks at mouth
		29-Aug	241	Good	0	0	5,700	100	Shaul	5,000 pinks and 1,000 chums at mouth, plus 5,000 pinks off 52.05 that will likely move to 52.06
		06-Sep	249	Good	0	0	8,500	400	Shaul	2,000 chums at mouth
		01-Oct	274	Good	0	300	0	900	Shaul	
283-52.05	Streamguard Creek	29-Aug	241	Good	0	0	0	100	Shaul	5,000 pinks at mouth, which will likely move to 52.06
		06-Sep	249	Good	0	0	500	500	Shaul	2,000 chums at mouth
		01-Oct	274	Good	0	0	0	0	Shaul	

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Stream Number	Stream Name/Location	--Calendar-- Date	Day	Survey Condition	Sockeye	Coho	Pink	Chum	Observer	Remarks
					----------Species----------					
283-52.04	Stub Creek	29-Aug	241	Good	0	0	5,000	0	Shaul	1,300 pinks at mouth
		06-Sep	249	Good	0	0	5,000	0	Shaul	1,500 pinks at mouth, good escapement
283-52.03	Little Bear Bay	04-Aug	216	Good	0	0	0	0	Shaul	400 pinks in bay
		29-Aug	241	Good	0	0	0	0	Shaul	4,000 pinks at mouth, additional 5,000 pinks and 2,000 chums in bay
		06-Sep	249	Good	0	0	2,700	700	Shaul	2,000 chums at mouth, 1,000 pinks and 1,000 chums in inner bay
283-52.01	Nikolaski Spit	06-Aug	218	Good	0	0	600	0	Shaul	
		12-Aug	224	Good	0	0	700	0	Shaul	350 pinks at mouth
		17-Aug	229	Good	0	0	1,800	0	Shaul	3,000 pinks at mouth
		06-Sep	249	Good	0	0	12,000	0	Shaul	100 pinks at mouth, good escapement
283-51.06	Dolgoi Harbor Southwest	06-Aug	218	Good	0	0	3,700	0	Shaul	500 pinks at mouth, good escapement for this date
		31-Aug	243	Good	0	0	1,500	0	Berceli	2,000 pinks at mouth, 1,100 along opposite shore, 1,500 additional carcasses in creek
		06-Sep	249	Good	0	0	3,800	0	Shaul	
283-51.05	Dolgoi Harbor South	31-Aug	243	Good	0	0	300	0	Berceli	400 pinks at mouth
283-51.03	Dolgoi Harbor	31-Aug	243	Good	0	0	1,000	0	Berceli	100 pinks at mouth
283-41.01	Belkofski Village	29-Jul	210	Good	0	0	700	0	Shaul	200 pinks at mouth
		04-Aug	216	Good	0	0	2,900	0	Shaul	800 pinks at mouth
		06-Aug	218	Good	0	0	8,100	0	Shaul	3,000 pinks at mouth
		08-Aug	220	Good	0	0	8,000	0	Shaul	3,000 pinks at mouth
		12-Aug	224	Good	0	0	12,200	0	Shaul	
		17-Aug	229	Good	0	0	16,200	0	Shaul	7,000 pinks at mouth
		31-Aug	243	Good	0	0	13,800	0	Berceli	
		06-Sep	249	Good	0	0	14,000	0	Shaul	100 pinks at mouth
		19-Sep	262	Good	0	400	0	0	Shaul	
283-42.12	Rocky River	29-Jul	210	Good	0	0	200	0	Shaul	
		04-Aug	216	Good	0	0	400	0	Shaul	6,000 pinks at mouth
		06-Aug	218	Good	0	0	600	0	Shaul	3,000 pinks at mouth
		08-Aug	220	Good	0	0	500	0	Shaul	8,000 pinks at mouth, skiff tracks at mouth
		12-Aug	224	Good	0	0	1,200	0	Shaul	5,500 pinks at mouth
		17-Aug	229	Good	0	0	10,400	0	Shaul	3,000 pinks at mouth
		31-Aug	243	Good	0	0	13,900	0	Berceli	10,000 pinks at mouth
		06-Sep	249	Good	0	0	13,000	0	Shaul	2,000 pinks at mouth

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Stream Number	Stream Name/Location	--Calendar-- Date	Day	Survey Condition	Sockeye	Coho	Pink	Chum	Observer	Remarks
					----------Species----------					
283-42.10	Kitchen Anchorage	04-Aug	216	Good	0	0	0	0	Shaul	200 pinks at mouth, 200 pinks along beach, jumpers in deep water
		12-Aug	224	Good	0	0	50	0	Shaul	400 pinks at mouth
		17-Aug	229	Good	0	0	100	0	Shaul	3,000 pinks at mouth, Anchorage blank, but 5-10,000 at south entrance
		29-Aug	241	Good	0	0	2,100	0	Shaul	5,000 pinks at mouth, 2,000 additional pinks along outer south beach
		06-Sep	249	Good	0	0	4,000	0	Shaul	5,000 pinks at mouth, escapement looks good
		19-Sep	262	Good					Shaul	No cohos
283-42.09	Captain's Harbor	12-Aug	224	Good	0	0	0	0	Shaul	1,000 chums and 3,000 pinks at mouth, nothing in creek
		29-Aug	241	Good	0	0	3,000	0	Shaul	3,000 pinks at mouth, 6,000 chums in harbor
		06-Sep	249	Good	0	0	4,000	300	Shaul	1,000 chums at mouth, 2,500 chums in harbor
283-42.07	Belkofski Bay River	12-Aug	224	Good	0	0	0	0	Shaul	Partial survey - lower 1/2 mile
		17-Aug	229	Good	0	0	1,100	2,300	Shaul	Bay and mouth murky, but no jumpers
		29-Aug	241	Good	0	0	2,200	25,000	Shaul	4,000 chums at mouth, additional 6,000 chums in Captain's Harbor
		06-Sep	249	Good	0	0	5,400	27,200	Shaul	4,500 chums at mouth, additional 2,500 chums in Captain's Harbor
		01-Oct	274	Good	0	2,500	0	4,500	Shaul	
283-42.06	Belkofski Bay Beach	17-Aug	229	Good	0	0	1,100	0	Shaul	
		29-Aug	241	Good	0	0	4,600	0	Shaul	Additional 300 pinks along beach
		06-Sep	249	Good	0	0	1,500	0	Shaul	100 pinks at mouth
283-42.05	Belkofski Bay, West	04-Aug	216	Good	0	0	1,100	0	Shaul	300 pinks at mouth
		12-Aug	224	Good	0	0	2,100	0	Shaul	300 pinks at mouth
		29-Aug	241	Good	0	0	3,500	0	Shaul	3,000 pinks at mouth
		06-Sep	249	Good	0	400	5,300	0	Shaul	
		19-Sep	262	Good	0	0	0	0	Shaul	
283-42.03	Indian Head	12-Aug	224	Good	0	0	1,200	0	Shaul	4,000 pinks at mouth
		29-Aug	241	Good	0	0	9,100	0	Shaul	3,000 pinks at mouth, additional 3,500 pinks along beach west of Indian Head
		06-Sep	249	Good	0	0	13,400	0	Shaul	600 pinks at mouth, additional 500 pinks along beach west of Indian Head, looks good
283-33.05	Ram's Creek	12-Aug	224	Good	0	0	800	0	Shaul	1,000 pinks at mouth
		29-Aug	241	Good	0	0	13,000	4,000	Shaul	5,000 pinks at mouth, 5,000 pinks above culvert, additional 6,000 pinks along beach
		06-Sep	249	Good	0	0	15,000	5,000	Shaul	Good escapement
		01-Oct	274	Good		100			Shaul	50 in lake with balance above culvert

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Stream Number	Stream Name/Location	--Calendar-- Date	Day	Survey Condition	Sockeye	Coho	Pink	Chum	Observer	Remarks
					----------Species----------					
283-33.04	King Cove Lagoon	29-Aug	241	Good	0	0	0	20	Shaul	No sign of fish in lagoon
		06-Sep	249	Good	0	0	0	400	Shaul	500 chums at mouth, 1,400 additional chums in lagoon
		01-Oct	274	Good		100			Shaul	
283-33.03	King Cove Lagoon	29-Aug	241	Good	0	0	0	0	Shaul	
		06-Sep	249	Good	0	0	0	50	Shaul	300 chums at mouth
		01-Oct	274	Good		0			Shaul	
283-31.01	Fox Island Anchorage East	27-Jul	208	Good	0	0	0	0	Shaul	
		29-Jul	210	Good	0	0	200	0	Shaul	2,000 pinks at mouth
		04-Aug	216	Good	0	0	9000	0	Shaul	2,000 pinks at mouth
		06-Aug	218	Good	0	0	17,000	0	Shaul	2,000 pinks at mouth
		08-Aug	220	Good	0	0	18,000	0	Shaul	
		12-Aug	224	Good	0	0	34,500	0	Shaul	Good escapement, nothing at mouth
		31-Aug	243	Good	0	0	17,300	0	Berceli	5,200 additional carcasses
		06-Sep	249	Good	0	0	12,300	0	Shaul	
283-31.02	Fox Island Anchorage Center	06-Aug	218	Good	0	0	1,100	0	Shaul	300 pinks at mouth
		31-Aug	243	Good	0	0	3,500	0	Berceli	1,500 carcasses
		06-Sep	249	Good	0	0	1,800	0	Shaul	
283-31.03	Fox Island Anchorage West	29-Jul	210	Good	0	0	0	0	Shaul	
		04-Aug	216	Good	0	0	5,500	0	Shaul	
		06-Aug	218	Good	0	0	8,800	0	Shaul	2,000 pinks at mouth
		08-Aug	220	Good	0	0	7,800	0	Shaul	
		12-Aug	224	Good	0	0	22,000	0	Shaul	Good escapement, nothing at mouth
		31-Aug	243	Good	0	0	11,000	0	Berceli	
		06-Sep	249	Good	0	0	3,000	0	Shaul	
283-31.05	Paw Cape Creek	04-Aug	216	Good	0	0	500	0	Shaul	
		06-Sep	249	Good	0	0	1,100	0	Shaul	100 additional carcasses
283-31.06	Southern Creek	27-Jul	208	Good	0	0	10,000	0	Shaul	
		29-Jul	210	Good	0	0	12,000	0	Shaul	2,000 pinks at mouth
		04-Aug	216	Good	0	0	32,200	0	Shaul	
		06-Aug	218	Good	0	0	39,000	0	Shaul	
		08-Aug	220	Good	0	0	28,000	0	Shaul	Partial survey, likely 5-15,000 above, fewer in lower 1/2 mile than last survey
		12-Aug	224	Good	0	0	54,000	0	Shaul	Looks fair but could hold many more fish
		31-Aug	243	Good	0	0	25,000	0	Berceli	Many fish in lower section, 7,000 carcasses
		06-Sep	249	Good	0	1,000	28,000	0	Shaul	

-Continued-

Stream Number	Stream Name/Location	--Calendar-- Date	Day	Survey Condition	Species Sockeye	Coho	Pink	Chum	Observer	Remarks
283-31.10	Eastern Creek	27-Jul	208	Good	0	0	7,000	0	Shaul	
		29-Jul	210	Good	0	0	9,000	0	Shaul	
		04-Aug	216	Good	0	0	10,900	0	Shaul	500 pinks at mouth
		06-Aug	218	Good	0	0	15,700	0	Shaul	3,000 pinks at mouth
		08-Aug	220	Good	0	0	20,500	0	Shaul	500 pinks at mouth
		12-Aug	224	Good	0	0	34,000	0	Shaul	1,000 pinks at mouth, large numbers in lower end, not fished during recent opening
		31-Aug	243	Good	0	0	10,000	0	Berceli	Many fish in lower end, 3,000 additional carcasses
		06-Sep	249	Good	0	0	4,700	0	Shaul	500 pinks still schooled
283-34.11	Lenard Harbor South	29-Aug	241	Good	0	0	1,400	0	Shaul	Decent escapement
283-34.10	Lenard Harbor	17-Aug	229	Good	0	0	2,400	4,800	Shaul	100 chums at mouth, bay murky, no jumpers
		29-Aug	241	Good	0	0	5,700	2,900	Shaul	1,500 chums at mouth
		19-Sep	262	Good	0	600	1,200	3,000	Shaul	Many chums still schooled
283-34.09	Barney's Creek	17-Aug	229	Good	0	0	6,000	500	Shaul	2,000 pinks at mouth, decent escapement but can hold twice as many
		31-Aug	243	Good	0	0	8,000	900	Shaul	
283-34.07	Kinzarof Lagoon	02-Sep	245	Poor	170	0	0	0	Berceli	Count 150 and 20 in two lakes
		20-Sep	263	Good	0	2,000	0	0	Shaul	Partial survey - large shallow lake approximately 2 mi. above stream mouth
283-34.06	Kinzarof Lagoon	02-Sep	245	Poor	40	0	0	0	Berceli	
283-34.05	Kinzarof Lagoon	02-Sep	245	Poor	40	0	0	0	Berceli	
283-34.03	Trout Creek	20-Sep	263	Good	10	0	700	50	Shaul	Chums in lower end, sockeye and 600 pinks spawning
		03-Sep	246	Good	40	490	80	100	Berceli	50 cohos at mouth, coho in lower end below bridge, 100 chum carcasses
		21-Sep	264	Good	0	700	0	0	Shaul	500 above bridge
283-34.02	Russel Creek	12-Jul	193	Good	0	0	0	700	Shaul	300 in Nurse Lagoon, balance between Nurse Lagoon and lower crossing
		01-Aug	213	Fair	0	0	700	6,800	Shaul	100 chums above weir
		13-Aug	225	Good	0	0	15,000	3,500	Shaul	100 chums above hatchery, all others below, many pinks spawning
		20-Aug	232	Good	0	0	16,500	15,400	Shaul	1,000 chums at mouth, 3,000 chums in Nurse Lagoon, 1,200 chums and 3,000 pinks additional in hatchery

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Stream Number	Stream Name/Location	--Calendar-- Date	Day	Survey Condition	Species Sockeye	Coho	Pink	Chum	Observer	Remarks
283-34.02	Russel Creek (continued)	03-Sep	246	Good	50	0	4,200	4,400	Berceli	300 cohos (?) at mouth, 1,300 chums above weir, 650 carcasses, 50 sockeye in lake
		18-Sep	261	Good	0	600	0	0	Shaul	
		21-Sep	264	Good	0	2,200	0	0	Shaul	1,000 above hatchery
283-34.01	Mortensen	20-Aug	232	Good	1,700	0	0	0	Shaul	200 schooled in creek, balance at creek mouth
		29-Aug	241	Good	800	0	0	0	Shaul	3,000 sockeye at mouth, fish in stream all spawning
		06-Sep	249	Good	1,500	0	0	0	Shaul	700 sockeye at mouth, 100 spawning on west shore of lake
		18-Sep	261	Good	1,900	0	0	0	Shaul	100 sockeye spawning on west side of lake
		29-Sep	272	Good	300	3,000	0	0	Shaul	Cohos in northeast corner of lake
283-32.01	Old Man's Lagoon	01-Aug	213	Good	0	0	0	300	Shaul	Spawning, very poor escapement
		17-Aug	229	Good	0	0	0	1,400	Shaul	300 chums at mouth
		31-Aug	243	Good	0	0	0	450	Berceli	200 additional carcasses
		29-Sep	272	Good	0	0	0	0	Shaul	
283-20.06	Thinpoint Lagoon & Entrance Channel	13-Jul	194	Good	400	0	0	0	Shaul	
		29-Jul	210	Poor	4,000	0	0	0	Shaul	Grumman Goose survey
		01-Aug	213	Good	9,600	0	0	0	Shaul	Fish moving into lake, 6,000 in lower 1/2 of entrance channel
		04-Aug	216	Good	6,800	0	0	0	Shaul	1-200 carcasses, which were probably tidal strandings
		08-Aug	220	Good	8,000	0	0	0	Shaul	
		17-Aug	229	Good	5,000	0	0	0	Shaul	Not much in lower end, most in N-S channel, a few spawners in lake
		29-Aug	241	Good	1,300	400	0	0	Shaul	Species composition uncertain, called fish in lower end cohos and others sockeye
		31-Aug	243	Poor	400	200	0	0	Berceli	100 fish at mouth
		06-Sep	249	Good	0	4,200	0	0	Shaul	300 cohos at mouth
		18-Sep	261	Poor	0	900	0	0	Shaul	
283-20.08	Thinpoint West	Not Surveyed								
283-20.09	Thinpoint Lake Stream	10-Sep	253	Good	4,000	0	0	0	Shaul	2,000 sockeye at mouth
		18-Sep	261	Good	5,200	0	0	0	Shaul	
283-20.10	Thinpoint Lake	10-Sep	253	Good	800	0	0	0	Shaul	
		18-Sep	261	Good	2,800	0	0	0	Shaul	
283-20.04	Southwest Bight	04-Aug	216	Good	0	0	300	0	Shaul	Good sign of fish along beach
		17-Aug	229	Good	0	0	3,000	0	Shaul	Decent escapement
		31-Aug	243	Good	0	0	2,000	0	Berceli	200 additional carcasses
		06-Sep	249	Good	0	0	1,800	0	Shaul	

-Continued-

Stream Number	Stream Name/Location	--Calendar-- Date	Day	Survey Condition	Sockeye	Coho	Pink	Chum	Observer	Remarks
					----------Species----------					
283-20.03	Verskin's Bight	04-Aug	216	Good	0	0	2,500	0	Shaul	
		17-Aug	229	Good	0	0	11,000	0	Shaul	Good escapement
		31-Aug	243	Good	0	0	2,050	0	Berceli	About as many carcasses
		06-Sep	249	Good	0	0	6,500	0	Shaul	
283-20.01	Sandy Cove Stream	04-Aug	216	Good	0	0	2,000	500	Shaul	1,000 chums and 2000 pinks along beach
		17-Aug	229	Fair	0	0	7,900	3,600	Shaul	Too much surf to survey beach
		29-Aug	241	Good	0	0	8,000	12,000	Shaul	Poor pink escapement but fairly good chum showing, 300 chums along beach
		06-Sep	249	Good	0	0	8,500	16,500	Shaul	
		18-Sep	261	Fair	0	1,000	0	0	Shaul	Some pinks and chums still spawning, cohos all in lower end
283-11.01	Egg Island Stream	17-Aug	229	Good	0	0	2,800	200	Shaul	500 chums at mouth
		29-Aug	241	Good	0	0	3,200	700	Shaul	
283-12.13	Little John Lagoon	17-Aug	229	Good	0	0	200	1,300	Shaul	1,600 chums in lagoon and flats, extensive seal activity
		29-Aug	241	Good	0	0	1,000	2,300	Shaul	2,300 chums at mouth, 500 chums in spring areas, some carcasses, nothing in lagoon except 1,000 chums at mouth of 12.12
		21-Sep	264	Good	0	1,000	0	1,300	Shaul	
283-12.12	Little John Sand Spit	29-Aug	241	Good	0	0	300	100	Shaul	1,000 chums at mouth
283-12.11	Cannery	29-Aug	241	Good	0	0	200	20	Shaul	
		18-Sep	261	Good	0	20	0	0	Shaul	
283-12.05	Middle Lagoon	13-Jul	194	Good	1,300	0	0	0	Shaul	Partial survey-lagoon only, all in channel near mouth, jumpers in pothole
		29-Jul	210	Good	4,000	0	0	0	Shaul	Partial survey-lagoon only, Goose survey, all at upper end of entrance moving up
		01-Aug	213	Good	1,000	0	0	0	Shaul	Partial survey-lagoon only, all fish seen in lower end, jumpers in pothole
		06-Aug	218	Good	2,500	0	0	0	Shaul	Partial survey-lagoon only, jumpers at mouth
		13-Aug	225	Good	0	0	0	0	Shaul	Sign of a few in lake, 10-20 moving up lake outlet, 200 in lower end of lake
		02-Sep	245	Fair	1,350	0	0	0	Berceli	Most near outlet of lake
		10-Sep	253	Good	13,100	0	0	0	Shaul	300 spawning in outlet, heavy spawning along south shore, looks good
		18-Sep	261	Good	13,000	0	0	0	Shaul	Partial survey of lake and outlet, 5,400 spawning along north shore, only 300 observed on north shore on 10-Sep., 700 spawning in outlet

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Stream Number	Stream Name/Location	--Calendar-- Date	Day	Survey Condition	Species Sockeye	Coho	Pink	Chum	Observer	Remarks
283-12.05	Middle Lagoon (continued)	29-Sep	272	Good	13,100	0	0	0	Shaul	
		11-Oct	284	Good	14,100	0	0	0	Shaul	400 spawning in outlet, remainder spawning along shores
283-12.01	Hansen's	28-Jul	209	Good	0	0	0	0	Shaul	
		04-Aug	216	Good	0	0	600	0	Shaul	1,500 pinks at mouth
		15-Aug	227	Good	630	0	5,800	0	Shaul	1,000 pinks at mouth, 30 reds spawning
		31-Aug	243	Good	0	0	5,100	0	Shaul	All spawning, Cherokee survey
284-60.08	Deadman's Cove	28-Jul	209	Fair	0	0	1,000	0	Shaul	Bad glare, Cherokee survey
		04-Aug	216	Good	700	0	11,000	0	Shaul	
		06-Aug	218	Good	0	0	12,000	0	Shaul	Partial survey up to canyon
		17-Aug	229	Fair	0	0	25,000	0	Shaul	Poor light in upper end, count likely low
		29-Aug	241	Good	0	0	37,000	0	Shaul	27,500 spawning
		06-Sep	249	Good	0	500	20,000	0	Shaul	
		18-Sep	261	Good	1,500	1,700	4,000	0	Shaul	Cohos all below upper valley
284-60.07	Whalebone	02-Jul	183	Good	0	0	0	0	Shaul	Mouth blocked by gravel, lake level high, rain or wind storm needed to open mouth
		18-Sep	261	Good	0	0	0	0	Shaul	Mouth open but too late for sockeye and pinks
284-60.06	Sankin Bay	06-Aug	218	Good	0	0	200	0	Shaul	200 pinks at mouth
		15-Aug	227	Good	0	0	1,000	100	Shaul	
		29-Aug	241	Good	0	0	2,400	300	Shaul	
		18-Sep	261	Good	0	100	0	0	Shaul	
284-60.05	Whirl Point	06-Aug	218	Good	0	0	10	0	Shaul	
		17-Aug	229	Fair	0	0	100	0	Shaul	400 pinks at mouth, possible more, poor light at mouth
		31-Aug	243	Good	0	0	1,700	0	Shaul	
284-60.04	Ikatan River	31-Aug	243	Good	0	0	3,500	200	Shaul	Cherokee survey
284-60.03	Swede's Lake	02-Jul	183	Good	0	0	0	0	Shaul	
		06-Aug	218	Good	1,000	0	0	0	Shaul	Jumpers at mouth, most sockeye spawning
		17-Aug	229	Good	0	0	100	0	Shaul	
		31-Aug	243	Good	0	0	500	0	Shaul	
		18-Sep	261	Good	0	0	0	0	Shaul	No cohos
284-60.01	Ikatan Point	06-Aug	218	Good	0	0	500	0	Shaul	
		17-Aug	229	Good	0	0	6,200	300	Shaul	200 pinks at mouth
		31-Aug	243	Good	0	0	9,600	0	Shaul	2,500 schooled in lower end
		18-Sep	261	Good	0	700	0	0	Shaul	

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Appendix I.1. (page 20 of 20)

Stream Number	Stream Name/Location	--Calendar-- Date	Day	Survey Condition	Species Sockeye	Coho	Pink	Chum	Observer	Remarks
UNIMAK DISTRICT										
284-50.00	Dora Harbor Left	31-Aug	243	Good	0	0	100	0	Shaul	
284-40.09	Otter Cove North	06-Aug	218	Good	0	0	0	200	Shaul	
		17-Aug	229	Good	0	0	4,000	0	Shaul	
		31-Aug	243	Good	0	0	5,000	0	Shaul	Cherokee survey
		18-Sep	261	Good	0	300	0	0	Shaul	
284-40.08	Otter Cove South	06-Aug	218	Good	0	0	0	300	Shaul	
		17-Aug	229	Good	0	0	1,200	300	Shaul	Chums in lower end
		31-Aug	243	Good	0	0	3,000	0	Shaul	
		18-Sep	261	Good	0	100	0	0	Shaul	
284-40.05	Lazaref River	Not Surveyed								
283-10.10065	Sanak Village	17-Sep	260	Good	0	0	500	0	Shaul	
283-10.10070	Sanak Is. W.	17-Sep	260	Good	1,200	0	1,800	0	Shaul	An additional 500 pink carcasses
283-10.10080	Washwomen Creek	17-Sep	260	Good	1,500	0	600	0	Shaul	An additional 2,000 pink carcasses at mouth
283-10.??	Dodd's Bay E.	17-Sep	260	Good	400	0	300	0	Shaul	
283-10.10090	Sandy Bay	17-Sep	260	Good	300	0	0	0	Shaul	
283-10.10100	Salmon Bay	17-Sep	260	Good	4,000	0	0	0	Shaul	400 sockeye in outlet, remainder in lakes and tributaries

[a] See Orzinski weir counts, and total escapement.

Appendix I.2. Salmon escapement survey counts in the Aleutian Islands Management Area, 1990.

Stream Number	Stream Name/Location	--Calendar-- Date	Day	-Survey- Condition	Sockeye	Coho	Pink	Chum	Observer	Remarks
					----------Species----------					
302-	Akutan Harbor	Not Surveyed								
302-80.52	Kuliliak Bay Lakes	Not Surveyed								
302-50.60	Kisseien	Not Surveyed								
302-50.50	Erskine Bay	Not Surveyed								
302-40.11	Summer Bay	Not Surveyed								
302-40.10	Humpy Cove	05-Jul	186	Good	0	0	0	0	Quimby	Foot survey
		01-Aug	213	Good	0	0	0	0	Quimby	4,000 pinks at mouth, foot survey
		08-Aug	220	Good	0	0	0	0	Quimby	2,000 pinks at mouth
		19-Aug	231	Good	0	0	10,000	0	Quimby	
		13-Sep	256	Good	0	0	6,000	0	Quimby	Includes carcasses
302-40.09	Summer Bay	04-Jul	185	Good	0	0	0	0	Quimby	Foot survey
		01-Aug	213	Good	0	0	0	0	Quimby	Foot survey, jumpers in bay
		11-Aug	223	Good	0	0	3,000	0	Quimby	
		19-Aug	231	Good	0	0	0	0	Quimby	
		13-Sep	256	Good	0	0	0	0	Quimby	
302-40.08	Unalaska Village	05-Jul	186	Good	0	0	0	0	Quimby	Foot survey
		01-Aug	213	Good	0	0	1,000	0	Quimby	Foot survey, all in churchhole
		08-Aug	220	Good	0	0	5,000	0	Quimby	Foot survey, churchhole and above lake
		12-Aug	224	Good	0	0	13,000	0	Quimby	10,000 in churchhole
		19-Aug	231	Good	0	0	11,800	0	Quimby	3,600 above lake
		13-Sep	256	Good	0	0	5,600	0	Quimby	Partial survey-below lake
302-40.07	Pyramid Creek	01-Sep	244	Good	0	0	300	0	Griffin	Foot survey
302-40.06	Captain's Bay	01-Aug	213	Good	0	0	0	0	Quimby	
		08-Aug	220	Good	0	0	250	0	Quimby	100 pinks at mouth
		11-Aug	223	Good	0	0	3,000	0	Quimby	
		12-Aug	224	Good	0	0	3,000	0	Quimby	Fish at base of falls
		19-Aug	231	Good	0	0	10,000	0	Quimby	
		13-Sep	256	Good	0	0	3,000	0	Quimby	
302-40.05	Nateekin River	01-Aug	213	Good	0	0	0	0	Quimby	50 pinks at mouth
		08-Aug	220	Good	0	0	0	0	Quimby	100 pinks at mouth
		09-Aug	221	Good	0	0	250	0	Quimby	Partial survey-1/4 mile, foot survey
		11-Aug	223	Good	0	0	15,000	0	Quimby	6,000 pinks at mouth
		12-Aug	224	Good	0	0	30,000	0	Quimby	300 pinks at mouth
		19-Aug	231	Good	0	0	46,100	0	Quimby	Additional 5,000 along beach and 10,000 in corner by tree
		13-Sep	256	Good	0	0	18,400	0	Quimby	

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Appendix I.2. (page 2 of 3)

Stream Number	Stream Name/Location	--Calendar-- Date	Day	-Survey- Condition	Species: Sockeye	Coho	Pink	Chum	Observer	Remarks
302-40.03	Makushin Valley	11-Aug	223	Poor	0	0	0	0	Quimby	River silty, 4,000 along beach
		12-Aug	224	Poor	0	0	300	0	Quimby	River silty, all fish observed in clear tributaries
		13-Aug	225	Poor	0	0	5,300	0	Quimby	Low count, river silty, saw fish only at clear edges
302-30.01	Kalekta Bay	Not surveyed								
302-15.07	McLees Lake	13-Sep	256	Good	2,500	0	0	0	Quimby	1,000 in A, 1,500 in B, mostly carcasses
302-15.05	Driftwood Bay	13-Sep	256	Good	0	0	100	0	Quimby	
302-13.10	Volcano Bay	13-Sep	256	Good	0	0	100	0	Quimby	Reports from fishermen and spotters indicated substantial red escapement earlier
302-14.20	Makushin Village	Not surveyed								
302-14.18	Glacier Valley	11-Aug	223	Poor	0	0	250	0	Quimby	Silty, fish in left clear fork
		12-Aug	224	Poor	0	0	300	0	Quimby	Silty, fish in left clear fork
		13-Sep	256	Poor	0	0	0	0	Quimby	Silty, saw no fish
302-14.17	Humpback Bay #2	11-Aug	223	Good	0	0	2,500	0	Quimby	
		13-Sep	256	Good	0	0	20,500	0	Quimby	
302-14.17	Humpback Bay #1	11-Aug	223	Good	0	0	30,000	0	Quimby	20,000 pinks at mouth
		12-Aug	224	Good	0	0	40,000	0	Quimby	30,000 pinks at mouth
		13-Sep	256	Good	0	0	36,500	0	Quimby	
302-14.15	Portage Creek #1	Not surveyed								
302-14.14	Portage Creek #2	Not surveyed								
302-14.13	Portage Creek #3	Not surveyed								
302-14.12	Portage Creek #4	11-Aug	223	Good	0	0	2,000	0	Quimby	
		13-Sep	256	Good	0	0	300	0	Quimby	
302-14.11	Cannery Bay	11-Aug	223	Good	0	0	1,250	0	Quimby	
		13-Sep	256	Good	0	0	380	0	Quimby	
302-14.06	Naginak Cove	13-Sep	256	Good	0	0	330	0	Quimby	
302-14.01	Unnamed	13-Sep	256	Good	0	0	0	0	Quimby	

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Appendix I.2. (page 3 of 3)

Stream Number	Stream Name/Location	--Calendar-- Date	Day	-Survey- Condition	Sockeye	Coho	Pink	Chum	Observer	Remarks
					----------Species----------					
302-13.05	Skan Bay	11-Aug	223	Good	0	0	2,000	0	Quimby	
		09-Sep	252	Good	0	0	4,200	0	Quimby	
302-13.04	Skan Bay	11-Aug	223	Good	0	0	250	0	Quimby	
302-13.03	Skan Bay	09-Sep	252	Good	0	0	2,000	0	Quimby	
302-12.15	Pumicestone Bay	09-Sep	252	Good	0	0	1,100	0	Quimby	
302-12.14	Pumicestone Bay	09-Sep	252	Good	0	0	0	0	Quimby	
302-12.11	Pumicestone Bay	09-Sep	252	Good	0	0	5,700	0	Quimby	
302-12.09	McIver Bight	Not surveyed								
302-12.07	Kashega West A Lake	11-Aug	223	Good	0	0	0	0	Quimby	Partial survey, 5,000 pinks at mouth
		09-Sep	252	Good	16,800	0	48,700	0	Quimby	20,000 pinks in outlet stream, 17,800 pinks in A Lake, 11,100 in B, sockeye in lakes
302-12.07	Kashega Bay B	Not surveyed								
302-12.05	Kismaliuk Bay	Not surveyed								
302-12.04	Kismaliuk Bay	Not surveyed								
302-12.03	Kismaliuk Bay	09-Sep	252	Good	0	0	12,800	0	Quimby	
302-12.01	Aspid Bay	09-Sep	252	Good	0	0	6,700	0	Quimby	
302-11.08	Chernofski Harbor	09-Sep	252	Good	0	0	17,400	0	Quimby	An addititonal 3,600 in tributary
302-11.06	Station Bay	09-Sep	252	Good	0	0	5,100	0	Quimby	
302-11.05	Station Bay	09-Sep	252	Good	0	0	1,400	0	Quimby	
302-11.04	Station Bay West Arm	09-Sep	252	Good	0	0	3,500	0	Quimby	
302-11.03	Unnamed	Not surveyed								

Appendix I.3. Salmon escapement survey counts in the North Peninsula, 1990.

Stream Number	Stream Name/Location	--Calendar-- Date	Day	-Survey- Condition	Chinook	Sockeye	Coho	Pink	Chum	Observer	Remarks
					----------Species----------						
NORTHWESTERN DISTRICT											
311-30.06	Unnamed	Not Surveyed									
311-30.05	Unnamed	Not Surveyed									
311-30.07	Whaleback	29-Jun	180	Good	0	0	0	0	0	Shaul	Partial survey - outlet channel only, 6-8,000 moving up channel, appears that channel will empty farther west again in 1991
		02-Jul	183	Good	0	3,500	0	0	0	Shaul	All in lake and upper part of outlet channel, no escapement through intense fishing effort (7 seine, 13 drift, 4 set)
		08-Jul	189	Good	0	0	0	0	0	Shaul	None in creek, algae bloom in lagoon, 2,000 sockeye in outlet, fish still coming in
		01-Aug	213	Good	0	40,600	0	0	0	Shaul	32,400 in creek of which 3,000 were spawning, 4,000 at lagoon outlet, 4,200 at outlet channel, looks good
		21-Sep	264	Good	0	0	1,100	0	0	Shaul	Partial survey of lower mile and outlet channel nothing in creek, jumpers at mouth of outlet channel
311-30.08	Christianson Lagoon	08-Jul	189	Good	0	0	0	0	0	Shaul	Partial survey-creek only
		01-Aug	213	Good	0	3,000	0	0	0	Shaul	1,000 dolly varden
		21-Sep	264	Good	0	2,000	200	0	0	Shaul	
311-30.09	Mudhole	02-Jul	183	Good	0	0	0	0	0	Shaul	300 chums in lower portion of lagoon
		08-Jul	189	Good	0	0	0	0	200	Shaul	Spawning, another 500 in lower part of lagoon, plus 200 at mouth
		01-Aug	213	Good	0	600	0	0	0	Shaul	50 sockeye at mouth
		21-Sep	264	Good	0	2,000	0	0	0	Shaul	
311-30.10	Clear Lagoon	08-Jul	189	Fair	0	0	0	0	0	Shaul	Glare in lagoon plus chop, 700 fish in east part of lagoon, plus 200 at outlet
		01-Aug	213	Good	0	300	0	0	200	Shaul	700 sockeye at mouth
		21-Sep	264	Good	0	600	0	0	0	Shaul	
311-40.01	Emil's River	01-Aug	213	Good	0	20	0	0	50	Shaul	
311-40.04	North Creek	01-Aug	213	Good	0	0	0	0	25	Shaul	
		21-Sep	264	Good	0	0	400	0	0	Shaul	
311-50.01	Big River	Not surveyed									
311-50.02	Swanson Lagoon	02-Jul	183	Good	0	0	0	0	700	Shaul	Partial survey-creek only
		08-Jul	189	Good	0	0	0	0	1,300	Shaul	Partial survey-creek only, all schooled in lower 1/2 mile
		13-Jul	194	Good	0	0	0	0	1,800	Shaul	Partial survey-creek only

-Continued-

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Stream Number	Stream Name/Location	--Calendar-- Date	Day	-Survey- Condition	Chinook	Sockeye	Coho	Pink	Chum	Observer	Remarks
					----------Species----------						
		01-Aug	213	Good	0	800	0	0	1,000	Shaul	3,500 sockeye in upper end of lagoon, 1,250 in outlet. Figures listed in columns to left are for creek only.
		13-Aug	225	Good	0	22,000	0	0	500	Shaul	Chums and 1,100 sockeye in creek, 5,500 sockeye in upper part of lagoon, 400 sockeye schooled near points on south shore, 15,000 sockeye schooled in upper part of outlet, nothing moving up
		29-Aug	241	Good	0	31,000	0	0	100	Shaul	
		05-Sep	248	Fair	0	15,200	500	0	0	Shaul	Cohos and 2,000 sockeye in outlet, 4,700 sockeye in creek, 1,500 spawning in lagoon, rest schooled in upper lagoon, visibility poor in upper part of outlet channel
		21-Sep	264	Good	0	9,400	4,500	0	0	Shaul	4,000 sockeye and 500 coho in creek, 1,000 cohos in outlet channel
		29-Sep	272	Poor	0	0	0	0	0	Shaul	Water too high in lagoon and creek, nothing in outlet
311-60.01	Mike's Valley	29-Jun	180	Good	0	0	0	0	50	Shaul	
		02-Jul	183	Good	0	0	0	0	50	Shaul	
		08-Jul	189	Good	0	0	0	0	100	Shaul	
		13-Jul	194	Good	0	0	0	0	150	Shaul	Partial survey, 200 chums at mouth, 1,000 chums on flats
		01-Aug	213	Good	0	0	0	0	2,300	Shaul	300 chums at mouth, 800 spawning
		13-Aug	225	Good	0	10	0	0	2,400	Shaul	300 chums at mouth, sockeye spawning in upper valley
		29-Aug	241	Good	0	0	0	100	1,400	Shaul	500 chums at mouth, 1,200 chums in lower mile, mostly spawning
		18-Sep	261	Good	0	0	0	0	0	Shaul	Partial survey, nothing
311-60.06	Anderson's	06-Aug	218	Good	0	0	0	400	100	Shaul	
		15-Aug	227	Good	0	0	0	100	400	Shaul	100 chums at mouth, 800 chums along beach
		29-Aug	241	Good	0	0	0	3,800	200	Shaul	
		21-Sep	264	Good	0	0	0	1,000	300	Shaul	
311-60.07	Traders Cove & .08	28-Jul	209	Good	0	0	0	0	0	Shaul	
		06-Aug	218	Good	0	0	0	0	0	Shaul	5,000 in channel that appeared to be pinks
		15-Aug	227	Good	0	0	0	1,600	100	Shaul	6,000 chums on flats, nothing in channel
		29-Aug	241	Good	0	0	0	11,600	2,300	Shaul	4,000 chums on flats and in channel, jumpers off village
		21-Sep	264	Good	0	0	700	0	700	Shaul	
311-60.12	Warmsprings Bay	15-Aug	227	Good	0	0	0	100	0	Shaul	
		29-Aug	241	Good	0	0	0	0	0	Shaul	Only 450 on flats
		05-Sep	248	Good	0	0	0	0	100	Shaul	300 chums at mouth
		21-Sep	264	Good	0	0	300	0	2,100	Shaul	

-Continued-

Appendix I.3. (page 3 of 9)

Stream Number	Stream Name/Location	--Calendar-- Date	Day	-Survey- Condition	Chinook	Sockeye	Coho	Pink	Chum	Observer	Remarks
					----------Species----------						
311-60.13	Hungry's Creek	08-Aug	220	Good	0	50	0	0	100	Shaul	300 pinks at mouth, sockeye in lakes
		15-Aug	227	Good	0	300	0	2,000	200	Shaul	Partial survey-did not survey lakes
		29-Aug	241	Good	0	0	0	4,800	0	Shaul	
312-20.01	Norma Bay Lakes	29-Aug	241	Good	0	700	0	0	200	Shaul	
312-20.02	Mike's Duck Camp	01-Aug	213	Good	0	0	0	0	700	Shaul	
		29-Aug	241	Good	0	0	0	100	700	Shaul	Nothing in lower end or at mouth
312-20.03	Norma Bay South	01-Aug	213	Good	0	0	0	0	300	Shaul	2,500 chums at mouth
		29-Aug	241	Good	0	0	0	0	2,700	Shaul	2,500 chums at mouth
312-20.04	Norma Bay South	29-Aug	241	Good	0	0	0	0	1,000	Shaul	1,300 chums at mouth
312-20.52	2nd stream W of Frosty Cr.	29-Aug	241	Good	0	50	0	0	200	Shaul	200 chums at mouth
312-20.51	Springs South of Frosty	29-Aug	241	Good	0	0	0	0	1,100	Shaul	
312-20.05	Frosty Creek	12-Jul	193	Good	0	0	0	0	500	Shaul	
		01-Aug	213	Good	0	0	0	0	1,000	Shaul	Very poor escapement
		29-Aug	241	Good	0	0	0	0	6,300	Shaul	200 chums at mouth, poor escapement
312-20.06	Blue Bill Lake	29-Aug	241	Good	0	2,700	0	0	0	Shaul	
		10-Sep	253	Good	0	6,400	0	0	0	Shaul	Good escapment
		11-Oct	284	Good	0	10,000	0	0	0	Shaul	1,500 in Little Blue Bill, thousands of
312-20.13	Outer Marker Lake	02-Sep	245	Fair	0	410	0	0	0	Berceli	140 in upper lake, 270 in lower lake, windy conditions
		10-Sep	253	Good	0	3,600	0	0	0	Shaul	2,800 in lower lake, spawning
		11-Oct	284	Good	0	1,500	0	0	0	Shaul	800 in lower lake, 700 in upper lake, spawning
312-40.00	Spring fed 2m SW of Joshua Joshua Green R.	Not surveyed									
312-40.01	Joshua Green River	12-Jul	193	Good	0	4,000	0	0	9,500	Shaul	Partial survey-to lake, 1,500 below forks, unusually good visibility
		31-Jul	212	Fair	30	6,400	0	0	3,400	Shaul	Partial survey-A branch, murky but no signs of large numbers of chums
		29-Aug	241	Good	0	6,400	0	300	35,900	Shaul	300 sockeye spawning in lake, fair chum escapement in B (25,900) but very poor in A (9,800), 200 chums below river forks, pinks in A

-Continued-

Appendix I.3. (page 4 of 9)

Stream Number	Stream Name/Location	Calendar Date	Calendar Day	Survey Condition	Species: Chinook	Sockeye	Coho	Pink	Chum	Observer	Remarks
		29-Sep	272	Poor	0	0	500	0	2,400	Shaul	Chums in lefthand nursery, 400 still schooled, cohos observed in lake
312-40.02	Moffet Springs Creek	12-Jul	193	Good	0	0	0	0	200	Shaul	
		31-Jul	212	Good	0	150	0	0	1,300	Shaul	Sockeye colored, chums below forks
		30-Aug	242	Fair	0	0	0	0	18,250	Berceli	
		02-Sep	245	Good	0	0	0	0	19,400	Berceli	Mostly schooled up below forks
		29-Sep	272	Good	0	0	200	0	300	Shaul	
312-40.03	Moffet Creek	11-Jul	192	Good	0	0	0	0	60	Berceli	All on lower end
		31-Jul	212	Good	0	700	0	0	400	Shaul	All on or near spawning grounds
		31-Aug	243	Fair	0	0	0	1,500	1,850	Berceli	
		02-Sep	245	Good	0	900	0	0	3,170	Berceli	
		29-Sep	272	Good	0	0	700	0	0	Shaul	
NORTHERN DISTRICT											
313-10.02	North Creek	11-Jul	192	Poor	0	0	0	0	0	Berceli	
		13-Jul	194	Good	300	0	0	0	0	Shaul	Water unusually clear in lower end
		02-Sep	245	Good	0	5,100	0	0	320	Berceli	320 chums in B creek, 165 carcasses
		02-Sep	245	Good	0	0	0	0	0	Berceli	800 sockeye in Lake C1, balance in B lakes
		11-Sep	254	Good	0	0	500	0	0	Shaul	
		19-Sep	262	Good	0	0	1,800	0	0	Shaul	
313-10.05	Cathedral River	31-Aug	243	Poor	0	560	0	0	0	Berceli	Partial survey-lakes only, 60 in upper lake, 500 in lower lake, heavy algal bloom
313-10.06	Trader Mt.	Not surveyed									
313-10.11	Black Hills	03-Jul	184	Good	500	0	0	0	0	Shaul	Cherokee survey
		11-Jul	192	Good	140	0	0	0	0	Berceli	Most in one school upstream
		13-Jul	194	Good	500	0	0	0	0	Shaul	
313-10.14	Steelhead	03-Jul	184	Good	400	0	0	0	0	Shaul	Cherokee survey
		11-Jul	192	Good	105	0	0	0	0	Berceli	Most at forks
		13-Jul	194	Good	200	0	0	0	0	Shaul	About 25% were in canyon
313-30.01	David's River	13-Jul	194	Good	400	1,400	0	0	0	Shaul	A few sockeye starting to spawn
		19-Sep	262	Good	0	17,800	500	0	0	Shaul	14,500 in Big Fish Lake, balance in 5 other lakes, most fish (200) dead in upper lake, peak of spawning in others, excellent escapement in Big Fish Lake, fair in others
313-30.02	Caribou River	26-Jul	207	Good	0	2,800	0	0	0	Shaul	Partial survey-Trader Mountain spawning grounds
		06-Aug	218	Good	0	150	0	0	0	Shaul	Divide Lake

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Appendix I.3. (page 5 of 9)

Stream Number	Stream Name/Location	--Calendar-- Date	Day	-Survey- Condition	Chinook	Sockeye	Coho	Pink	Chum	Observer	Remarks
					----------Species----------						
313-30.03	Nelson River Hoodoo Lake*	11-Jul	192	Good	1	0	0	0	0	Berceli	Partial survey-weir to large lakes on left, king survey, saw only 1 school of 500 sockeye
		13-Jul	194	Good	1,800	0	0	0	0	Shaul	King survey, saw several thousand sockeye, includes 350 kings in Peterson Creek
		31-Aug	243	Good	0	0	240	0	0	Berceli	Fish from weir to Caribou junction of River
		05-Sep	248	Fair	0	0	10,000	0	0	Shaul	6,000 cohos from bends below Peterson Creek to weir, poor visibility in lower river, good visibility in upper river
		10-Sep	253	Good	0	0	21,000	0	0	Shaul	Partial survey-Forks to Left Creek, fish up to about 1 mile above weir, 5,000 below Peterson Creek, Cherokee survey
		11-Sep	254	Good	0	0	30,000	0	0	Shaul	All but 1,000 cohos above Peterson Creek, Cessna 180 survey
		19-Sep	262	Good	0	0	20,500	0	0	Shaul	200 in lower end, 1,000 in Lake, balance between Peterson Creek and Left Creek, highest concentration near weir, Cherokee survey
313-30.03	Peterson	11-Jul	192	Good	60	0	0	0	0	Berceli	All kings in first few bends of river near mouth
313-30.??	Coastal Lake Lake	19-Sep	262	Good	0	6,400	0	0	0	Shaul	2,900 in Drill Hole Lake, balance in Coastal
314-20.02	Doe Valley	15-Jul	196	Poor	0	0	0	0	0	Berceli	
		13-Aug	225	Good	0	0	0	0	1,200	Shaul	1,000 chums at mouth
314-20.03	Buck Valley	15-Jul	196	Poor	0	0	0	0	0	Berceli	
		13-Aug	225	Good	0	0	0	0	3,000	Shaul	2,000 chums at mouth
314-20.04	Deer Valley	15-Jul	196	Good	0	0	0	0	170	Berceli	Chums mostly schooled on flats
		13-Aug	225	Good	0	20	0	0	9,400	Shaul	2,000 chums at mouth, 1,600 chums in lower East Fork
314-20.05	Portage Valley	13-Aug	225	Good	0	0	0	0	310	Shaul	2,200 chums at mouth, 10 chums in slough in southwest corner of bay
314-20.06	Grass Valley	15-Jul	196	Good	0	0	0	0	30	Berceli	30 chums at mouth, chums in stream all at lower end
		07-Aug	219	Good	0	400	0	0	10,000	Shaul	2,500 chums at mouth, helicopter survey
		13-Aug	225	Good	0	400	0	0	6,800	Shaul	3,000 chums at mouth
314-20.07	Lawrence Valley	15-Jul	196	Good	0	0	0	0	400	Berceli	
		07-Aug	219	Good	0	0	0	100,000	28,000	Shaul	30,000 pinks and chums mixed at mouth, helicopter survey, did not survey left fork
		13-Aug	225	Good	0	0	0	47,000	11,000	Shaul	15,000 chums at mouth, 17,000 were in left fork

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Stream Number	Stream Name/Location	--Calendar-- Date	Day	-Survey- Condition	Chinook	Sockeye	Coho	Pink	Chum	Observer	Remarks
					----------Species----------						
314-20.08	Mine Harbor	Not surveyed									
314-20.09	Coal Creek	15-Jul	196	Good	0	0	0	0	0	Berceli	Poor visibility off one mouth, no fish in stream
		07-Aug	219	Good	0	0	0	0	18,500	Shaul	Best escapement in years
314-30.04	Mud Bay	13-Aug	225	Good	0	0	0	0	1,300	Shaul	
314-30.05	Mud Bay	13-Aug	225	Good	0	0	0	0	1,400	Shaul	
314-30.07	Right Head Creek	13-Aug	225	Good	0	0	0	0	700	Shaul	500 chums in east slough
314-30.09	Right Head Creek	13-Aug	225	Good	0	0	0	0	1,500	Shaul	500 chums at mouth
314-30.10	Left Head Creek	13-Aug	225	Good	0	0	0	0	400	Shaul	
315-10.01	Frank's Lagoon	15-Jul	196	Poor	0	0	0	0	370	Berceli	Heavy algal bloom in lower stream
		26-Jul	207	Poor	0	0	0	0	200	Shaul	
315-10.02	King Salmon	26-Jun	177	Good	300	0	0	0	0	Shaul	Partial survey-1 mi.
		15-Jul	196	Good	400	0	0	0	0	Berceli	Partial survey- to upper bend
		10-Sep	253	Good	0	0	100	0	0	Shaul	Partial survey-1 mi.
315-11.02	Bear River C & E[b]	15-Jul	196	Good	270	0	0	0	0	Berceli	Partial survey to D fork, most fish still in lower section
315-12.00	Sandy River & Lake	26-Jun	177	Good	0	6,000	0	0	0	Shaul	Fish along west shore of lake, nothing seen below, 10-15 seals at mouth
		15-Jul	196	Fair	0	17,500	0	0	0	Berceli	Partial survey - Lake section, fish along upper end of lake, choppy, schools appear as blobs
		26-Jul	207	Fair	600	15,000	0	0	0	Shaul	Half on spawning grounds, remainder in lake off drop off, river muddy
316-10.01	Lime Creek	Not surveyed									
316-10.02	Unnamed	Not Surveyed									
316-10.04	Three Hills	26-Jul	207	Good	0	100	0	0	0	Shaul	

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Appendix I.3. (page 7 of 9)

Stream Number	Stream Name/Location	--Calendar-- Date	Day	-Survey- Condition	Chinook	Sockeye	Coho	Pink	Chum	Observer	Remarks
					----------Species----------						
316-10.05	Ocean River	01-Jul	182	Good	10	3,000	0	0	0	Shaul	2,200 sockeye schooled in Wildman Lake, 500 at mouth of Wildman branch outlet, balance in lower river, kings in Finger Lake
		06-Jul	187	Good	0	4,200	0	0	0	Manthey	3,800 in Wildman Lake, balance in river
		26-Jul	207	Good	20	4,300	0	0	0	Shaul	Additional fish to those observed on 7/01, 2,200 schooled in Wildman, balance spawning below Finger Lake
		10-Sep	253	Good	0	0	1,000	0	0	Shaul	At mouth of Wildman Lakes tributary
316-10.06	Willie Creek	26-Jun	177	Good	0	2,000	0	0	0	Shaul	All schooled in lake portion, none on spawning grounds
		01-Jul	182	Good	0	6,500	0	0	0	Shaul	None on spawning grounds
		06-Jul	187	Good	0	7,500	0	0	0	Manthey	
		26-Jul	207	Good	0	8,100	0	0	0	Shaul	1,700 spawning, balance in schools
		10-Sep	253	Good	0	0	0	0	0	Shaul	Nothing
316-20.01	Ilnik Estuary &	26-Jun	177	Good	0	7,200	0	0	0	Shaul	6,200 above weir
		01-Jul	182	Good	0	14,400	0	0	0	Shaul	1,000 below weir, none in lower river
		06-Jul	187	Good	0	24,000	0	0	0	Manthey	5,500 below weir, balance up to lake
		26-Jul	207	Good	0	8,000	0	0	0	Shaul	All spawning
		02-Sep	245	Good	0	0	18,300	0	0	Shaul	Partial survey-lake and lagoon, 17,000 in lake near points on beach side
		10-Sep	253	Good	0	0	24,000	0	0	Shaul	Partial survey-lake and lagoon, 1,000 in lagoon, balance in lake well above village
316-20.04	Unangashak River	10-Sep	253	Poor	0	0	0	0	0	Shaul	Too murky
317-2	Charles	28-Jul	209	Good	100	460	0	0	300	Berceli	
317-4 A&B	Bluff Creek	28-Jul	209	Good	320	3,630	0	0	1,530	Berceli	
317-6 A	Highland Creek	28-Jul	209	Good	15	170	0	0	50	Berceli	
317-7 A	Meshik River	01-Jul	182	Poor	100	0	3,800	0	0	Shaul	Partial survey-lower 10 mi., muddy, count likely low
		18-Jul	199	Good	0	22,540	0	0	190	Schmidt	Partial survey - Scottys Island, most fish at Island confluence, few groups upstream, species ID difficult, some or most of these sockeye may have been chum or chinook
		28-Jul	209	Poor	0	0	0	0	340	Berceli	
		28-Aug	240	Good	0	0	0	0	0	Owen	Partial survey-to Plenty Bear
		02-Sep	245	Good	0	0	19,000	0	0	Shaul	Partial survey-to Plenty Bear
317-7 B	Braided Creek	28-Jul	209	Good	70	0	0	0	200	Berceli	

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Appendix I.3. (page 8 of 9)

Stream Number	Stream Name/Location	--Calendar-- Date	Day	-Survey- Condition	Species Chinook	Sockeye	Coho	Pink	Chum	Observer	Remarks
317-7 C	Landlocked Creek	28-Jul	209	Good	0	500	0	0	200	Berceli	
317-7 D	Bluff Creek (branch of Landlocked Cr.)	28-Jul	209	Good	0	5,000	0	0	1,500	Berceli	
317-7 E	Blue Violet Creek	28-Jul	209	Good	30	1,600	0	0	900	Berceli	Blue Violet Creek only
		28-Jul	209	Good	170	1,400	0	0	0	Berceli	Forks of Sleepy and Black creeks
317-7 F	Wolf Creek	28-Jul	209	Good	18	500	0	0	140	Berceli	
317-7 H	Shoe Creek	28-Jul	209	Good	16	0	0	0	470	Berceli	
317-7 K	Unnamed	28-Jul	209	Good	17	770	0	0	0	Berceli	
317-7 L	Unnamed	28-Jul	209	Good	4	300	0	0	0	Berceli	
317-7 M	Unnamed	28-Jul	209	Good	0	1,600	0	0	0	Berceli	30 carcasses
317-7 N	Unnamed	28-Jul	209	Good	34	350	0	0	230	Berceli	
317-7 O	Plenty Bear Creek	28-Jul	209	Poor	36	0	0	0	470	Berceli	Poor lighting
317-7 O-A	Unnamed	28-Jul	209	Good	10	0	0	0	170	Berceli	
317-7 P	Waterfall Creek	28-Jul	209	Poor	0	0	0	0	0	Berceli	Very murky
317-7 R	Rainbow Creek	28-Jul	209	Poor	0	0	0	0	40	Berceli	
317-7 T	Cub Creek	28-Jul	209	Poor	0	0	0	0	0	Berceli	
317-20.09	Barabara Creek	Not Surveyed									
317-20.08	Birthday Creek	28-Jul	209	Good	0	0	0	0	480	Berceli	
318-20.04	Mud Creek	28-Jul	209	Good	0	0	50	0	0	Owen	Two nets completely across creek which were repeatedly pulled out by a sportfisherman
		02-Sep	245	Good	0	0	4,000	0	0	Shaul	Nothing in lower mile

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Appendix I.3. (page 9 of 9)

Stream Number	Stream Name/Location	--Calendar-- Date	Day	-Survey- Condition	Chinook	Sockeye	Coho	Pink	Chum	Observer	Remarks
					----------Species----------						
318-20.06	A Cinder River	29-Jul	210	Good	21	3,840	0	0	370	Berceli	Most fish at head of system
		28-Aug	240	Fair	0	0	0	0	0	Owen	
		02-Sep	245	Good	0	0	3,000	0	0	Shaul	
318-20.06	D Lava Creek	29-Jul	210	Good	50	2,870	0	0	400	Berceli	Includes High Creek count
318-20.06	E High Creek	See 20.06									
318-20.06	H Meloy Creek	29-Jul	210	Good	30	1,280	0	0	150	Berceli	
318-20.06	J Wiggly Creek	29-Jul	210	Good	15	0	0	0	2,200	Berceli	
318-20.06	K Ray Creek	Not surveyed									
318-20.06	L Creek	29-Jul	210	Good	15	3,840	0	0	350	Berceli	

[a] See Nelson River weir counts, and total escapement, the highest daily weir count was used for the peak count.
[b] See Bear River weir counts, and total escapement, the highest daily weir count was used for the peak count.

Appendix J.1. Peak and estimated total salmon escapement counts by district and stream for the South Peninsula, 1990.

Stream Number	Stream Name/Location	Species							
		Sockeye		Coho		Pink		Chum	
		Peak	Total	Peak	Total	Peak	Total	Peak	Total
SOUTHEASTERN DISTRICT									
281-35.07	Bluff Point	0	0	0	0	0	0	0	0
281-35.06	Boulder Bay	0	0	1,500	3,600	2,250	5,000	800	1,648
281-35.05	Fox Bay	0	0	0	0	1,500	6,700	0	0
281-35.04	Fox Bay	0	0	500	1,200	600	6,100	0	0
281-35.02	Fox Bay	0	0	200	480	1,600	6,800	0	0
281-34.08	Island Bay	0	0	0	0	500	2,500	0	0
281-34.07	Island Bay	0	0	0	0	25	275	0	0
281-34.06	Island Bay	0	0	150	360	3,500	9,000	0	0
281-34.05	Island Bay	0	0	150	360	1,750	7,250	0	0
281-34.04	Unnamed	0	0	0	0	250	550	0	0
281-34.03	Stonehouse	0	0	0	0	4,800	20,000	0	0
281-34.02	Osterback	0	0	20	48	5,500	10,757	0	0
281-34.01	Granville-Portage Inlet	0	0	700	1,680	1,200	1,400	2,500	6,793
281-33.05	Stepovak River	0	0	0	0	1,500	1,850	15,300	27,604
281-33.06	Stepovak Flats	0	0	250	600	0	0	650	1,260
281-33.04	Big River	0	0	0	0	1,600	1,973	900	1,114
281-33.03	Louie's Corner	0	0	600	1,440	0	0	4,400	6,539
281-33.02	Ramsey Bay	0	0	300	720	0	0	900	1,902
281-33.01	Ramsey Bay	0	0	0	0	0	0	220	453
281-32.07	Grub Gulch	0	0	1,100	2,640	25,800	30,448	1,050	2,080
281-32.05	Clark Bay	0	0	0	0	6,400	12,400	1,000	2,747
281-32.04	Little Norway	0	0	400	960	4,500	11,280	10,000	20,523
281-31.03	Orzinski (Orzenoi) Lake *	4,573	15,000	1,200	2,880	14,000	22,269	200	412

-Continued-

Appendix J.1. (Page 2 of 8)

Stream Number	Stream Name/Location	Species							
		Sockeye		Coho		Pink		Chum	
		Peak	Total	Peak	Total	Peak	Total	Peak	Total
281-20.04	Windbound Bay	0	0	0	0	600	1,800	0	0
281-20.03	Chichagof Stream	0	0	0	0	1,500	1,663	0	0
281-20.02	Chichagof	0	0	300	720	3,300	3,532	3,200	4,480
281-20.01	Chichagof Bay	0	0	0	0	4,300	7,580	0	0
281-10.04	West Cove	0	0	0	0	1,700	3,349	0	0
281-10.03	Suzy Creek	0	0	0	0	21,000	43,426	0	0
281-10.02	Dorenoi Minor	0	0	0	0	3,600	8,764	600	686
281-10.01	Dorenoi Major	0	0	0	0	6,700	16,457	2,100	2,400
283-90.04	San Diego Bay	0	0	0	0	0	0	1,400	2,840
283-90.03	San Diego	0	0	0	0	0	0	50	103
283-90.04	San Diego Lagoon	0	0	0	0	0	0	20	41
283-90.02	Rough Beach	0	0	2,000	4,800	28,000	35,220	0	0
283-90.01	Swedania Point	0	0	500	1,200	8,500	10,782	0	0
282-13.01	Unga Spit	Not Surveyed							
282-13.02	Dry Lagoon	0	0	2,300	5,520	20,000	21,967	4,250	8,755
282-13.03	Bay Point	0	0	300	720	10,400	22,187	750	2,250
282-13.04	Pinnacle Point	0	0	0	0	27,000	28,296	0	0
282-13.05	Unnamed	Not Surveyed							
282-10.02	Apollo Minor	0	0	0	0	1,250	2,667	0	0
282-10.03	Apollo Creek	0	0	0	0	1,300	1,500	100	100
282-10.04	Acheredin Lake	5,500	6,875	0	0	0	0	0	0
282-10.11	Apollo Gold Mine	0	0	0	0	5,800	9,487	0	0
282-10.12	Unga Cape	0	0	0	0	0	0	0	0
282-10.13	Baralof Bay	40	50	400	960	400	788	50	50
282-10.14	Squaw Harbor Minor	0	0	0	0	2,000	3,567	0	0

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Appendix J.1. (Page 3 of 8)

Stream Number	Stream Name/Location	Species							
		Sockeye		Coho		Pink		Chum	
		Peak	Total	Peak	Total	Peak	Total	Peak	Total
282-10.15	Squaw Harbor Major	0	0	2,000	4,800	21,000	35,721	0	0
282-10.16	Ben Green Bight	0	0	100	240	5,500	18,000	0	0
282-12.10	No Name	0	0	0	0	500	500	0	0
282-12.09	South Quartz Point	0	0	0	0	400	600	0	0
282-12.08	South Quartz Point	0	0	0	0	275	350	0	0
282-12.07	Zachary Bay	0	0	0	0	125	175	0	0
282-12.06	Zachary Bay	0	0	0	0	300	550	50	50
282-12.05	Zachary Bay	0	0	0	0	2,100	2,350	50	550
282-12.04	Zachary Bay	0	0	0	0	750	3,750	500	500
282-12.03	Zachary Bay	0	0	0	0	200	750	0	0
282-12.02	Zachary Bay	0	0	0	0	2,500	2,550	0	0
282-12.01	Coal Harbor	0	0	0	0	125	246	0	0
282-10.18	Humbolt Creek	Not Surveyed							
282-11.01	Salmon Ranch	0	0	0	0	2,800	3,100	0	0
282-11.03	Fox Hole	0	0	0	0	3,800	4,400	0	0
282-11.06	Korovin Island	Not Surveyed							
282-20.00	Sanborn Harbor	Not Surveyed							
282-20.03	Sanborn Harbor	Not Surveyed							
282-20.04	Sanborn Harbor	Not Surveyed							
282-20.05	Falmouth Harbor	Not Surveyed							
283-80.16	Ballast	0	0	0	0	0	0	0	0
283-80.15	Coleman	0	0	500	1,200	2,300	4,467	1,400	4,400
283-80.14	Johnson	0	0	0	0	7,000	13,790	700	2,700
283-80.12	Foster's Camp	0	0	0	0	500	985	0	0
283-80.11	Monolith Point	0	0	0	0	2,000	3,940	0	0
283-80.09	Foster's Creek	0	0	200	480	14,000	24,010	3,600	7,416

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Appendix J.1. (Page 4 of 8)

Stream Number	Stream Name/Location	Species							
		Sockeye		Coho		Pink		Chum	
		Peak	Total	Peak	Total	Peak	Total	Peak	Total
283-80.08	Lefthand Bay	0	0	1,900	4,560	9,000	32,067	4,000	4,000
283-80.06	Cape Aliaksin East	0	0	0	0	11,500	21,800	0	0
283-80.05	Cape Aliaksin Center	0	0	0	0	2,400	2,880	200	300
283-80.04	Cape Aliaksin West	0	0	0	0	9,000	12,870	0	0
283-70.05	Beaver River	0	0	2,200	5,280	6,200	12,214	5,300	11,117
283-70.04	Smiley's	0	0	0	0	800	1,576	0	0
SOUTHEASTERN DISTRICT TOTAL		10,113	21,925	17,570	42,168	322,700	569,434	60,940	114,696
SOUTH CENTRAL DISTRICT									
283-70.03	McGinty Point	0	0	0	0	8,000	11,493	100	133
283-70.02	East of Mino Creek	0	0	0	0	7,800	25,240	0	0
283-70.01	Mino Creek	950	1,188	1,900	4,560	73,100	166,787	380	380
283-62.05	Coal Bay Major	0	0	200	480	26,000	58,627	0	0
283-62.04	Coal Bay Minor	0	0	100	240	13,600	24,063	0	0
283-62.03	Coal Bay Middle	0	0	0	0	2,000	3,940	0	0
283-62.02	Coal Bay	0	0	0	0	4,000	7,880	0	0
283-62.01	Cape Tolstoi	0	0	0	0	2,800	5,600	0	0
283-63.16	Settlement Point	0	0	1,600	3,840	151,000	269,105	2,000	4,120
283-63.15	Middle Creek	0	0	0	0	22,600	68,077	0	0
283-64.10	Ness Creek	0	0	0	0	2,600	4,367	0	0
283-64.09	Inner Canoe Bay	0	0	0	0	0	0	1,600	3,200
283-64.08	Entrance Creek	0	0	0	0	3,900	13,897	500	5,200
283-64.	Wolverine Gulch	0	0	0	0	1,600	2,000	0	0
283-64.06	Canoe Bay River	600	1,200	1,200	2,880	2,500	6,033	43,200	93,922
283-64.05	Bluff Point	0	0	0	0	12,000	23,692	1,100	2,440
283-63.14	Dry Lagoon	Not Surveyed							

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Appendix J.1. (Page 5 of 8)

Stream Number	Stream Name/Location	Species							
		Sockeye		Coho		Pink		Chum	
		Peak	Total	Peak	Total	Peak	Total	Peak	Total
283-63.13	Ruby's Lagoon	0	0	600	1,440	600	760	5,500	6,967
283-63.11	Chinaman Lagoon North	0	0	0	0	0	0	400	507
283-63.10	Chinaman Lagoon Main	0	0	200	480	0	0	2,700	9,700
283-63.09	Chinaman Lagoon	Not Surveyed							
283-63.06	Chinaman Lagoon South	0	0	0	0	0	0	600	760
283-63.05	Lower Chinaman Lagoon	0	0	0	0	0	0	3,200	4,053
283-63.04	Chinaman Stream South	0	0	0	0	600	1,182	1,700	2,000
283-61.05	Long John Lagoon	0	0	1,100	2,640	0	0	0	0
283-61.04	Spring Fed Lakes	540	1,080	50	120	0	0	0	0
283-61.03	Long John Lagoon	0	0	0	0	0	0	0	0
283-61.02	Southwest Stream	0	0	1,100	2,640	1,400	2,224	1,700	3,700
SOUTH CENTRAL DISTRICT TOTAL		2,090	3,468	8,050	19,320	336,100	694,967	64,680	137,082
SOUTHWESTERN DISTRICT									
283-52.10	Dushkin Lagoon	Not Surveyed							
283-52.08	Volcano River	0	0	2,000	4,800	2,000	4,957	10,800	19,875
283-52.07	Volcano Center Sloughs	0	0	100	240	2,400	3,450	2,000	8,400
283-52.06	West Springholes	0	0	300	720	8,500	16,344	900	2,993
283-52.05	Streamguard Creek	0	0	0	0	500	550	500	2,500
283-52.04	Stub Creek	0	0	0	0	5,000	8,217	0	0
283-52.03	Little Bear Bay	0	0	0	0	2,700	5,319	700	2,700
283-52.01	Nikolaski Spit	0	0	0	0	12,000	20,353	0	0
283-51.06	Dolgoi Harbor Southwest	0	0	0	0	3,800	14,487	0	0
283-51.05	Dolgoi Harbor South	0	0	0	0	300	700	0	0
283-51.03	Dolgoi Harbor	0	0	0	0	1,000	1,100	0	0
283-41.01	Belkofski Village	0	0	400	960	16,200	35,625	0	0

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Appendix J.1. (Page 6 of 8)

Stream Number	Stream Name/Location	Species							
		Sockeye		Coho		Pink		Chum	
		Peak	Total	Peak	Total	Peak	Total	Peak	Total
283-42.12	Rocky River	0	0	0	0	13,900	25,680	0	0
283-42.10	Kitchen Anchorage	0	0	0	0	4,000	9,000	0	0
283-42.09	Captain's Harbor	0	0	0	0	4,000	7,133	300	1,300
283-42.07	Belkofski Bay River	0	0	2,500	6,000	5,400	8,287	27,200	52,093
283-42.06	Belkofski Bay Beach	0	0	0	0	4,600	4,600	0	0
283-42.05	Belkofski Bay West	0	0	400	960	5,300	8,993	0	0
283-42.03	Indian Head	0	0	0	0	13,400	23,880	0	0
283-33.05	Ram's Creek	0	0	100	240	15,000	30,633	5,000	9,333
283-33.04	King Cove Lagoon	0	0	100	240	0	0	400	900
283-33.03	King Cove Lagoon	0	0	0	0	0	0	50	350
283-31.01	Fox Island Anchorage East	0	0	0	0	34,500	57,698	0	0
283-31.02	Fox Island Anchorage Center	0	0	0	0	3,500	5,695	0	0
283-31.03	Fox Island Anchorage West	0	0	0	0	22,000	31,058	0	0
283-31.05	Paw Cape Creek	0	0	0	0	1,100	4,020	0	0
283-31.06	Southern Creek	0	0	1,000	2,400	54,000	111,620	0	0
283-31.10	Eastern Creek	0	0	0	0	34,000	49,774	0	0
283-34.11	Lenard Harbor South	0	0	0	0	1,400	2,758	0	0
283-34.10	Lenard Harbor	0	0	0	0	5,700	8,992	4,800	11,110
283-34.09	Barney's Creek	0	0	0	0	8,000	19,067	900	2,500
283-34.07	Kinzarof Lagoon	170	340	2,000	4,800	0	0	0	0
283-34.06	Kinzarof Lagoon	40	80	0	0	0	0	0	0
283-34.05	Kinzarof Lagoon	40	80	0	0	0	0	0	0
283-34.03	Trout Creek	40	80	700	1,680	700	762	50	153
283-34.02	Russel Creek	0	0	2,200	5,280	16,500	35,110	15,400	20,517
283-34.01	Mortensen	1,900	3,800	3,000	7,200	0	0	0	0

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Appendix J.1. (Page 7 of 8)

Stream Number	Stream Name/Location	Species							
		Sockeye		Coho		Pink		Chum	
		Peak	Total	Peak	Total	Peak	Total	Peak	Total
283-32.01	Old Man's Lagoon	0	0	0	0	0	0	1,400	2,249
283-20.06	Thinpoint Lagoon & Entrance Channel	9,600	19,200	4,200	10,080	0	0	0	0
283-20.08	Thinpoint West	Not Surveyed							
283-20.09	Thinpoint Lake Stream	5,200	10,400	0	0	0	0	0	0
283-20.10	Thinpoint Lake	2,800	5,600	0	0	0	0	0	0
283-20.04	Southwest Bight	0	0	0	0	3,000	5,438	0	0
283-20.03	Verskin's Bight	0	0	0	0	11,000	17,219	0	0
283-20.01	Sandy Cove Stream	0	0	1,000	2,400	8,500	26,578	16,500	36,070
283-11.01	Egg Island Stream	0	0	0	0	3,200	7,600	700	784
283-12.13	Little John Lagoon	0	0	1,000	2,400	1,000	1,267	2,300	5,500
283-12.12	Little John Sand Spit	0	0	0	0	300	591	100	1,100
283-12.11	Cannery	0	0	20	48	200	233	20	23
283-12.05	Middle Lagoon	14,100	28,200	0	0	0	0	0	0
283-12.01	Hansen's	630	1,260	0	0	5,800	10,850	0	0
283-60.08	Deadman's Cove	1,500	3,000	1,700	4,080	37,000	69,078	0	0
284-60.07	Whalebone	0	0	0	0	0	0	0	0
284-60.06	Sankin Bay	0	0	100	240	2,400	3,562	300	417
284-60.05	Whirl Point	0	0	0	0	1,700	2,851	0	0
284-60.04	Ikatan River	0	0	0	0	3,500	6,895	200	412
284-60.03	Swede's Lake	1,000	2,000	0	0	500	617	0	0
284-60.01	Ikatan Point	0	0	700	1,680	9,600	15,607	300	618
SOUTHWESTERN DISTRICT TOTAL		37,020	74,040	23,520	56,448	389,100	724,248	90,820	181,897
UNIMAK DISTRICT									
284-50.00	Dora Harbor Left	0	0	0	0	100	197	0	0
284-40.09	Otter Cove North	0	0	300	720	5,000	8,667	200	200

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Appendix J.1. (Page 8 of 8)

Stream Number	Stream Name/Location	Species							
		Sockeye		Coho		Pink		Chum	
		Peak	Total	Peak	Total	Peak	Total	Peak	Total
284-40.08	Otter Cove South	0	0	100	240	3,000	4,200	300	510
284-40.05	Lazaref River	Not Surveyed							
283-10.10065	Sanak Village	0	0	0	0	500	985	0	0
283-10.10070	Sanak Is. W.	1,200	2,400	0	0	1,800	2,300	0	0
283-10.10080	Washwomen Creek	1,500	3,000	0	0	600	2,600	0	0
283-10.??	Dodd's Bay E.	400	800	0	0	300	591	0	0
283-10.10090	Sandy Bay	300	600	0	0	0	0	0	0
283-10.10100	Salmon Bay	4,000	8,000	0	0	0	0	0	0
UNIMAK DISTRICT TOTAL		7,400	14,800	400	960	11,300	19,540	500	710
TOTAL SOUTH PENINSULA		56,623	114,233	51,740	124,176	1,066,200	2,021,975	222,240	445,502

[a] See Orzinski (Orzenoi) Lake weir counts, and total escapement; the highest daily weir count was used for the peak count.

NOTE: Seven-day stream life used for pink salmon escapements on the Kupreanof Peninsula.

Fifteen-day stream life used for all pink and chum salmon escapements except of Kupreanof Peninsula pink escapements.

For all pink and chum salmon escapements with only a peak count or where the computed value was less than the peak count, an expansion factor of 1.97 was used for pink salmon and an expansion factor of 1.75 was used for chum salmon. The values were derived from the ratio of Peak Count to Estimated Total Escapement for streams other than Kupreanof Peninsula streams where ascending, peak count, and descending counts were available.

Sockeye escapements were determined by an expansion factor of 1.25 for Acheredin Lake, Baralof Bay, and Mino Creek. All other sockeye escapements were determined by an expansion factor of 2.0 .

Appendix J.2. Salmon escapement survey counts in the Aleutian Islands Management Area, 1990.

Stream Number	Stream Name/Location	Species: Sockeye Peak	Sockeye Total	Coho Peak	Coho Total	Pink Peak	Pink Total	Chum Peak	Chum Total
302-	Akutan Harbor	Not surveyed							
302-80.52	Kuliliak Bay Lakes	Not surveyed							
302-50.60	Kisseien	Not surveyed							
302-50.50	Erskine Bay	Not surveyed							
302-40.11	Summer Bay	Not surveyed							
302-40.10	Humpy Cove	0	0	0	0	10,000	20,000	0	0
302-40.09	Summer Bay	0	0	0	0	3,000	3,000	0	0
302-40.08	Unalaska	0	0	0	0	13,000	16,387	0	0
302-40.07	Pyramid Creek	0	0	0	0	300	300	0	0
302-40.06	Captain's Bay	0	0	0	0	10,000	15,521	0	0
302-40.05	Nateekin River	0		0		46,100	83,290	0	0
302-40.03	Makushin Valley	0	0	0	0	5,300	5,300	0	0
302-30.01	Kalekta Bay	Not surveyed							
302-15.07	McLees Lake	2,500	5,000	0	0	0	0	0	0

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Appendix J.2. (page 2 of 4)

Stream Number	Stream Name/Location	Species							
		Sockeye		Coho		Pink		Chum	
		Peak	Total	Peak	Total	Peak	Total	Peak	Total
302-15.05	Driftwood Bay	0	0	0	0	100	100	0	0
302-13.10	Volcano Bay	0	0	0	0	100	100	0	0
302-14.20	Makushin Village	Not surveyed							
302-14.18	Glacier Valley	0	0	0	0	300	300	0	0
302-14.17	Humpback Bay #2	0	0	0	0	20,500	51,364	0	0
302-14.17	Humpback Bay #1	0	0	0	0	40,000	105,183	0	0
302-14.15	Portage Creek #1	Not surveyed							
302-14.14	Portage Creek #2	Not surveyed							
302-14.13	Portage Creek #3	Not surveyed							
302-14.12	Portage Creek #4	0	0	0	0	2,000	3,588	0	0
302-14.11	Cannery Bay	0	0	0	0	1,250	2,601	0	0
302-14.06	Naginak Cove	0	0	0	0	330	330	0	0

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Appendix J.2. (page 3 of 4)

Stream Number	Stream Name/Location	Species: Sockeye Peak	Sockeye Total	Coho Peak	Coho Total	Pink Peak	Pink Total	Chum Peak	Chum Total
302-14.01	Unnamed	0	0	0	0	0	0	0	0
302-13.05	Skan Bay	0	0	0	0	4,200	13,987	0	0
302-13.04	Skan Bay	0	0	0	0	250	250	0	0
302-13.03	Skan Bay	0	0	0	0	2,000	2,000	0	0
302-12.15	Pumicestone Bay	0	0	0	0	1,100	1,100	0	0
302-12.14	Pumicestone Bay	0	0	0	0	0	0	0	0
302-12.11	Pumicestone Bay	0	0	0	0	5,700	5,700	0	0
302-12.09	McIver Bight	Not surveyed							
302-12.09	Kashega West A Lake	16,800	33,600	0	0	48,700	48,700	0	0
302-12.07	Kashega Bay B	Not surveyed							
302-12.05	Kismaliuk Bay	Not surveyed							
302-12.04	Kismaliuk Bay	Not surveyed							
302-12.03	Kismaliuk Bay	0	0	0	0	12,800	12,800	0	0

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Appendix J.2. (page 4 of 4)

Stream Number	Stream Name/Location	Species							
		Sockeye		Coho		Pink		Chum	
		Peak	Total	Peak	Total	Peak	Total	Peak	Total
302-12.01	Aspid Bay	0	0	0	0	6,700	6,700	0	0
302-11.08	Chernofski Harbor	0	0	0	0	17,400	21,000	0	0
302-11.06	Station Bay	0	0	0	0	5,100	5,100	0	0
302-11.05	Station Bay	0	0	0	0	1,400	1,400	0	0
302-11.04	Station Bay West Arm	0	0	0	0	3,500	3,500	0	0
302-11.03	Unnamed	Not surveyed							
Aleutian Islands Management Area Total		19,300	38,600	0	0	112,430	128,756	0	0

Appendix J.3. Peak escapement counts and estimated total salmon escapement by district and stream for the North Peninsula, 1990.

Stream Number	Stream Name/Location	Species: Chinook Peak	Chinook Total	Sockeye Peak	Sockeye Total	Coho Peak	Coho Total	Pink Peak	Pink Total	Chum Peak	Chum Total
NORTHWESTERN DISTRICT											
311-30.06	Unnamed	Not Surveyed									
311-30.05	Unnamed	Not Surveyed									
311-30.07	Whaleback	0	0	40,600	50,750	1,100	2,640	0	0	0	0
311-30.08	Christianson	0	0	3,000	3,750	200	480	0	0	0	0
311-30.09	Mudhole	0	0	2,000	4,000	0	0	0	0	200	400
311-30.10	Clear Lagoon	0	0	600	1,200	0	0	0	0	200	500
311-40.01	Emil's River	0	0	20	40	0	0	0	0	50	50
311-40.04	North Creek	0	0	0	0	400	960	0	0	25	55
311-50.01	Big River	Not Surveyed									
311-50.02	Swanson Lagoon	0	0	31,000	38,750	4,500	10,800	0	0	1,800	3,797
311-60.01	Mike's Valley	0	0	10	20	0	0	100	120	2,400	6,498
311-60.06	Anderson's	0	0	0	0	0	0	3,800	6,124	400	973
311-60.07	Traders Cove & .08	0	0	0	0	700	1,680	11,600	15,533	2,300	3685
311-60.12	Warmsprings Bay	0	0	0	0	300	720	100	100	2,100	2,393
311-60.13	Hungry's Creek	0	0	300	600	0	0	4,800	7,280	200	200
312-20.01	Norma Bay	0	0	700	1,400	0	0	0	0	200	544
312-20.02	Mike's Duck Camp	0	0	0	0	0	0	100	187	700	2,207
312-20.03	Norma Bay South	0	0	0	0	0	0	0	0	2,700	5,670
312-20.04	Norma Bay South	0	0	0	0	0	0	0	0	1,000	2,300
312-20.52	2nd stream W of Frosty Cr.	0	0	50	100	0	0	0	0	200	400
312-20.51	Springs South of Frosty Cr	0	0	0	0	0	0	0	0	1,100	2,992
312-20.05	Frosty Creek	0	0	0	0	0	0	0	0	6,300	16,127
312-20.06	Blue Bill Lake	0	0	10,000	20,000	0	0	0	0	0	0
312-20.13	Outer Marker Lake	0	0	3,600	7,200	0	0	0	0	0	0

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Appendix J.3. (Page 2 of 5)

Stream Number	Stream Name/Location	Species: Chinook Peak	Chinook Total	Sockeye Peak	Sockeye Total	Coho Peak	Coho Total	Pink Peak	Pink Total	Chum Peak	Chum Total
312-40.00	Spring fed 2 mi. SW of Joshua Green River	Not Surveyed									
312-40.01	Joshua Green River	30	58	6,400	12,800	500	1,200	300	960	35,900	154,780
312-40.02	Moffet Springs Creek	0	0	150	300	200	480	0	0	19,400	42,028
312-40.03	Moffet Creek	0	0	900	1,125	700	1,680	1,500	1,650	3,170	5,826
NORTHWESTERN DISTRICT TOTAL		30	58	99,330	142,035	8,600	20,640	22,300	31,954	80,345	251,425
NORTHERN DISTRICT											
313-10.02	North Creek	300	576	5,100	6,375	1,800	4,320	0	0	320	640
313-10.05	Cathedral River	0	0	560	1,120	0	0	0	0	0	0
313-10.06	Trader Mt.	Not Surveyed									
313-10.11	Black Hills	500	960	0	0	0	0	0	0	0	0
313-10.14	Steelhead	400	768	0	0	0	0	0	0	0	0
313-30.01	David's River	400	768	17,800	22,250	500	1,200	0	0	0	0
313-30.02	Caribou River	0	0	2,800	5,600	0	0	0	0	0	0
313-30.03	Nelson River*	1,800	3,456	16,588	240,700	30,000	72,000	2	8	63	217
313-30.03	Petterson	60	115	0	0	0	0	0	0	0	0
313-30.??	Coastal Lake	0	0	6,400	12,800	0	0	0	0	0	0
314.20.02	Doe Valley	0	0	0	0	0	0	0	0	1,200	2,200
314.20.03	Buck Valley	0	0	0	0	0	0	0	0	3,000	5,000
314-20.04	Deer Valley	0	0	20	40	0	0	0	0	9,400	18,513
314-20.05	Portage Valley	0	0	0	0	0	0	0	0	310	2,510
314-20.06	Grass Valley	0	0	400	500	0	0	0	0	10,000	13,941
314-20.07	Lawrence Creek	0	0	0	0	0	0	100,000	114,403	28,000	31,010
314-20.08	Mine Harbor	Not Surveyed									
314-20.09	Coal Creek	0	0	0	0	0	0	0	0	18,500	28,367
314-30.04	Mud Bay	0	0	0	0	0	0	0	0	1,300	3,536

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Appendix J.3. (Page 3 of 5)

Stream Number	Stream Name/Location	Species: Chinook Peak	Chinook Total	Sockeye Peak	Sockeye Total	Coho Peak	Coho Total	Pink Peak	Pink Total	Chum Peak	Chum Total
314-30.05	Mud Bay	0	0	0	0	0	0	0	0	1,400	3,808
314-30.07	Right Head Creek	0	0	0	0	0	0	0	0	700	1,904
314-30.09	Right Head Creek	0	0	0	0	0	0	0	0	1,500	5,440
314-30.10	Left Head Creek	0	0	0	0	0	0	0	0	400	1,088
315-10.01	Frank's Lagoon	0	0	0	0	0	0	0	0	370	1,006
315-10.02	King Salmon	400	768	0	0	100	240	0	0	0	0
315-11.02	Bear River C & E [b]	270	518	25,790	546,800	0	0	468	2,192	25	97
315-12.00	Sandy River and Lake	600	1,152	17,500	21,875	0	0	0	0	0	0
316-10.01	Lime Creek	Not Surveyed									
316-10.02	Unnamed	Not Surveyed									
316-10.04	Three Hills	0	0	100	200	0	0	0	0	0	0
316-10.05	Ocean River	20	38	4,300	8,600	1,000	2,400	0	0	0	0
316-10.06	Willie Creek	0	0	8,100	10,125	0	0	0	0	0	0
316-20.01	Ilnik River [c]	0	0	24,000	30,000	24,000	57,600	0	0	0	0
316-20.04	Unangashak River	0	0	0	0	0	0	0	0	0	0
317-2	Charles Creek	100	192	460	920	0	0	0	0	300	816
317-4 A&B	Bluff Creek	320	614	3,630	7,260	0	0	0	0	1,530	4,162
317-6 A	Highland Creek	15	29	170	340	0	0	0	0	50	136
317-7	Meshik River	100	192	22,540	45,080	19,000	45,600	0	0	340	636
317-7 B	Braided Creek	70	134	0	0	0	0	0	0	200	544
317-7 C	Landlocked Creek	0	0	500	1,000	0	0	0	0	200	544
317-7 D	Bluff Creek	0	0	5,000	10,000	0	0	0	0	1,500	4,080
317-7 E	Blue Violet Creek	200	384	3,000	6,000	0	0	0	0	900	2,448
317-7 F	Wolf Creek	18	35	500	1,000	0	0	0	0	140	381
317-7 H	Shoe Creek	16	31	0	0	0	0	0	0	470	1,278
317-7 K	Unnamed	17	33	770	1,540	0	0	0	0	0	0

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Appendix J.3. (Page 4 of 5)

Stream Number	Stream Name/Location	Species: Chinook Peak	Chinook Total	Sockeye Peak	Sockeye Total	Coho Peak	Coho Total	Pink Peak	Pink Total	Chum Peak	Chum Total
317-7 L	Unnamed	4	8	300	600	0	0	0	0	0	0
317-7 M	Unnamed	0	0	1,600	3,200	0	0	0	0	0	0
317-7 N	Unnamed	34	65	350	700	0	0	0	0	230	626
317-7 O	Plenty Bear Creek	36	69	0	0	0	0	0	0	470	1,278
317-7 O-A	Plenty Bear Creek	10	19	0	0	0	0	0	0	170	462
317-7 P	Waterfall Creek	0	0	0	0	0	0	0	0	0	0
317-7 R	Rainbow Creek	0	0	0	0	0	0	0	0	40	109
317-7 T	Cub Creek	0	0	0	0	0	0	0	0	0	0
317-20.09	Barabara Creek	Not Surveyed									
317-20.08	Birthday Creek	0	0	0	0	0	0	0	0	480	1,306
318-20.04	Mud Creek	0	0	0	0	4,000	9,600	0	0	0	0
318-20.06	Cinder River	21	40	3,840	7,680	3,000	7,200	0	0	370	555
318-20.06	Lava Creek	50	96	2,870	5,740	0	0	0	0	400	1,088
318-20.06	High Creek	See 20.06									
318-20.06	Meloy Creek	30	58	1,280	2,560	0	0	0	0	150	408
318-20.06	Wiggly Creek	15	29	0	0	0	0	0	0	2,200	5,984
318-20.06	Ray Creek	Not Surveyed									
318-20.06	L Creek	15	29	3,840	7,680	0	0	0	0	350	952
NORTHERN DISTRICT TOTAL		5,821	11,177	180,108	1,008,285	83,400	200,160	100,470	116,603	86,978	147,069
NORTH PENINSULA TOTAL		5,851	11,234	279,438	1,150,320	92,000	220,800	122,770	148,556	167,323	398,494

[a] See Nelson River tower counts, and total escapement, the highest daily weir count was used for the peak sockeye, pink, and chum counts; chinook and coho estimates are expanded from aerial surveys.

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[b] See Bear River tower counts, and total escapement, the highest daily weir count was used for the peak sockeye, pink, and chum counts; chinook and coho estimates are expanded from aerial surveys.

[c] See Ilnik River tower counts, and total escapement, the highest daily weir count was used for the peak sockeye count; the coho estimate is expanded from aerial surveys.

Chum and pink salmon calculated using a 15 day stream life, where peak counts were greater than the calculated escapement the peak count was expanded by 2.72 (determined by using the ratio of peak count to total estimated escapement from ascending, peak count, and descenting counts from Swanson Lagoon, Mike's Valley, Joshua Green River, Moffet Springs, and Lawrence Creek).

Chinook estimated total escapement (peak x 1.92), sockeye (peak x 1.25; clear streams and peak x 2.0; other streams), coho (peak x 2.4). Escapement determined from spawner abundance curves derived from aerial escapement surveys under fair or better visiability conditions and as assumed, 7 day average stream life for chum salmon in Swanson Lagoon, and a 15 day average stream life for all other chum and pink salmon. The peak count was used in instances when the peak count exceeded the computed estimate.

A zero indicates no fish were present while a blank indicates fish were present but not counted.

Sockeye escapements were determined by an expansion factor of 1.25 for Whaleback Mountain Creek, Swanson Lagoon, Moffet Creek, North Creek, David's River, Grass Valley, Sandy Lake, Willie Creek, and Ilnik Estuary. All other sockeye escapements were determined by an expansion factor of 2.0.

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