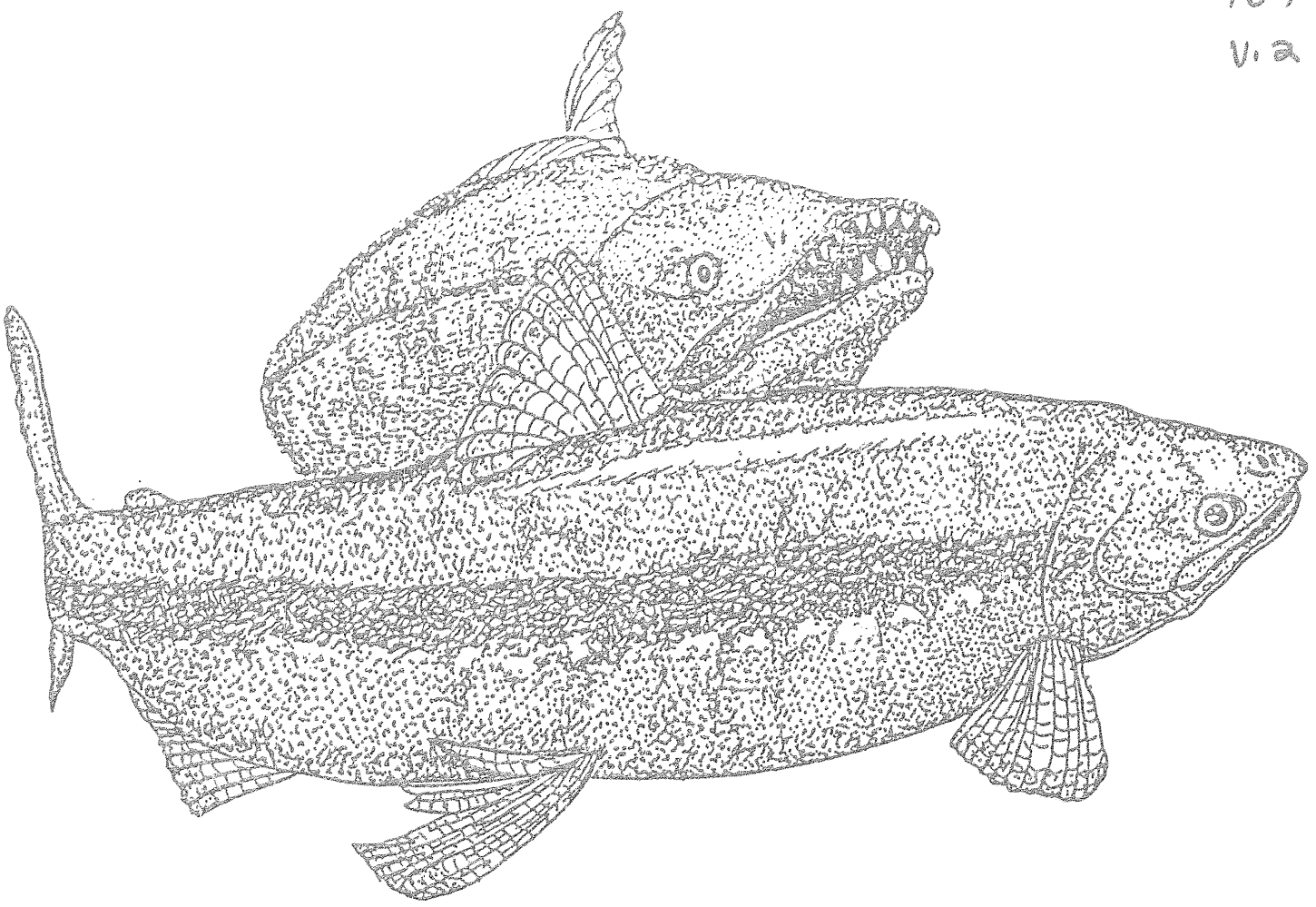

SUSITNA HYDRO AQUATIC STUDIES
PHASE II BASIC DATA REPORT

Volume 3. Resident and Juvenile Anadromous Fish Studies Below Devil Canyon, 1982.

- APPENDICES -

-by-

ALASKA DEPARTMENT OF FISH AND GAME
Susitna Hydro Aquatic Studies
2207 Spenard Road
Anchorage, Alaska 99503
1983

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500 Northern pike
530 Dolly Varden
541 Rainbow trout
550 Lake trout
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425 Sockeye smolt 0+
426 Sockeye smolt 1+
427 Sockeye smolt
430 Coho 0+
431 Coho 1+
432 Coho 2+
433 Coho juvenile
435 Coho smolt 0+
436 Coho smolt 1+
437 Coho smolt 2+
438 Coho smolt
440 Pink 0+
450 Chum 0+

Appendix Table 3-A-1. Sampling effort by gear type at Designated Fish Habitat (DFH) sites in the Susitna River between Goose Creek 2 and Portage Creek, May through October, 1982. Units are hours for gear 009, minutes for gears 002 and 02A, and units of gear fished for all other gear types.

LOCATION	RIVER MILE	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
GOOSE CREEK 2 AND SIDE CHANNEL	73.1	005	0.0	15.0	21.0	21.0	15.0	21.0	26.0	30.0	19.0	0.0
		010	0.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	0.0
		002	0.0	0.0	5.0	0.0	19.8	0.0	0.0	7.0	0.0	0.0
		003	0.0	3.0	2.0	3.0	3.0	2.0	1.0	2.0	2.0	0.0
		02A	0.0	30.2	0.0	11.7	0.0	13.3	3.3	5.0	0.0	0.0
WHITEFISH SLOUGH	78.7	005	0.0	0.0	5.0	5.0	10.0	12.0	10.0	15.0	10.0	0.0
		010	0.0	0.0	0.0	0.0	2.0	2.0	2.0	2.0	2.0	0.0
		002	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	0.0	0.0
		003	0.0	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	0.0
		02A	0.0	17.3	0.0	18.3	0.0	12.0	12.5	6.0	0.0	0.0
		011	0.0	0.0	0.0	0.0	0.0	1.0	1.0	0.0	0.0	0.0
		05B	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
		001	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0

Appendix Table 3-A-1. Continued.

LOCATION	RIVER MILE	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
RABIDEUX CREEK AND SLOUGH	83.1	005	0.0	0.0	21.0	0.0	21.0	22.0	24.0	30.0	15.0	0.0
		010	0.0	0.0	3.0	0.0	2.0	3.0	2.0	3.0	3.0	0.0
		002	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0
		003	0.0	0.0	2.0	0.0	0.0	0.0	1.0	1.0	2.0	0.0
		02A	12.7	0.0	0.0	68.0	0.0	35.8	20.0	25.0	0.0	0.0
		011	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	1.0	0.0
SUNSHINE CREEK AND SIDE CHANNEL	85.7	005	0.0	15.0	21.0	10.0	10.0	10.0	21.0	30.0	15.0	0.0
		010	0.0	3.0	3.0	1.0	2.0	2.0	3.0	3.0	3.0	0.0
		002	0.0	0.0	10.7	0.0	0.0	0.0	0.0	5.6	0.0	0.0
		003	0.0	3.0	0.0	1.0	0.0	1.0	2.0	0.0	0.0	0.0
		02A	33.5	25.9	0.0	5.0	0.0	26.9	23.3	8.3	0.0	0.0
		009	0.0	0.0	0.0	0.0	.4	0.0	0.0	0.0	0.0	0.0

Appendix Table 3-A-1. Continued.

LOCATION	RIVER MILE	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
BIRCH CREEK AND SLOUGH	88.4	005	0.0	30.0	21.0	21.0	21.0	15.0	36.0	30.0	14.0	0.0
		010	0.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	0.0
		002	0.0	12.8	29.1	0.0	----	0.0	0.0	27.1	----	0.0
		003	0.0	0.0	3.0	3.0	2.0	3.0	0.0	1.0	2.0	0.0
		02A	20.0	54.9	0.0	20.0	0.0	18.0	12.0	15.0	0.0	0.0
		011	0.0	0.0	1.0	0.0	0.0	0.0	0.0	2.0	2.0	0.0
		05B	0.0	0.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0	1.0
WHISKERS CREEK AND SLOUGH	101.2	005	0.0	28.0	30.0	21.0	21.0	21.0	36.0	24.0	21.0	0.0
		010	0.0	4.0	3.0	3.0	3.0	3.0	4.0	4.0	3.0	0.0
		002	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.6	16.0	0.0
		003	0.0	2.0	0.0	3.0	0.0	2.0	3.0	1.0	3.0	0.0
		02A	21.6	55.3	0.0	18.0	0.0	24.8	15.5	15.0	20.0	0.0
		011	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	0.0
		009	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0

Appendix Table 3-A-1. Continued.

LOCATION	RIVER MILE	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
SLOUGH 6A	112.3	005	0.0	10.0	15.0	15.0	15.0	15.0	16.0	16.0	10.0	0.0
		010	0.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	0.0
		002	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.4	0.0	0.0
		003	0.0	1.0	1.0	1.0	2.0	0.0	2.0	1.0	2.0	0.0
		02A	0.0	16.7	0.0	25.0	0.0	0.0	0.0	0.0	9.7	0.0
		011	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0
		05A	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		05B	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0
LANE CREEK AND SLOUGH 8	113.6	005	0.0	15.0	20.0	21.0	20.0	21.0	20.0	30.0	15.0	0.0
		010	0.0	3.0	3.0	3.0	4.0	3.0	2.0	3.0	2.0	0.0
		002	0.0	0.0	0.0	4.0	3.9	4.0	0.0	21.6	7.0	0.0
		003	0.0	1.0	1.0	1.0	2.0	0.0	1.0	1.0	1.0	0.0
		02A	0.0	17.1	41.7	11.0	5.0	14.2	7.8	26.9	15.0	0.0
		011	0.0	0.0	1.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0
		009	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
		05A	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Appendix Table 3-A-1. Continued.

LOCATION	RIVER MILE	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
SLOUGH 8A	125.3	005	0.0	15.0	30.0	21.0	24.0	15.0	21.0	21.0	21.0	0.0
		010	0.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	0.0
		002	0.0	0.0	0.0	38.2	0.0	0.0	0.0	40.0	8.3	0.0
		003	0.0	1.0	2.0	2.0	2.0	2.0	2.0	0.0	1.0	0.0
		02A	0.0	0.0	25.5	0.0	13.0	8.8	7.9	12.5	10.3	0.0
		011	0.0	0.0	0 0	2.0	0.0	0.0	0.0	1.0	1.0	0.0
		001	0.0	2.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SLOUGH 9	129.2	005	0.0	15.0	15.0	16.0	16.0	24.0	10.0	14.0	21.0	0.0
		010	0.0	3.0	2.0	2.0	1.0	3.0	2.0	2.0	3.0	0.0
		002	0.0	0.0	0.0	7.4	0.0	2.2	0.0	15.0	1.0	0.0
		003	0.0	1.0	3.0	1.0	1.0	0.0	2.0	1.0	1.0	0.0
		02A	0.0	0.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0

Appendix Table 3-A-1. Continued.

LOCATION	RIVER MILE	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
4TH OF JULY CREEK-MOUTH	131.1	005	0.0	10.0	20.0	16.0	20.0	20.0	14.0	14.0	14.0	0.0
		010	0.0	2.0	2.0	2.0	2.0	2.0	0.0	2.0	2.0	0.0
		002	0.0	0.0	0.0	3.0	0.0	47.0	0.0	20.0	0.0	0.0
		003	0.0	0.0	1.0	0.0	1.0	0.0	1.0	0.0	1.0	0.0
		02A	0.0	0.0	25.3	0.0	20.0	10.0	10.0	23.5	20.0	0.0
		009	0.0	1.0	0.0	0.0	1.0	9.0	0.0	4.2	1.0	0.0
SLOUGH 11	135.3	005	0.0	15.0	30.0	21.0	24.0	21.0	21.0	21.0	21.0	0.0
		010	0.0	2.0	3.0	3.0	2.0	3.0	3.0	3.0	3.0	0.0
		002	0.0	0.0	3.5	2.2	0.0	1.0	0.0	0.0	0.0	0.0
		003	0.0	0.0	0.0	0.0	2.0	0.0	3.0	2.0	2.0	0.0
		02A	0.0	0.0	25.3	0.0	6.6	0.0	0.0	10.5	0.0	0.0
		05A	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		001	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Appendix Table 3-A-1. Continued.

LOCATION	RIVER MILE	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
INDIAN RIVER-MOUTH	138.6	005	0.0	10.0	20.0	10.0	20.0	16.0	16.0	14.0	14.0	0.0
		010	0.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	0.0
		002	0.0	0.0	4.8	.9	0.0	0.0	0.0	0.0	0.0	0.0
		003	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	0.0	0.0
		02A	0.0	0.0	38.7	0.0	15.2	13.0	17.2	5.7	82.8	0.0
		011	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
		009	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	3.0
SLOUGH 19	140.0	005	0.0	10.0	15.0	16.0	21.0	10.0	15.0	14.0	12.0	0.0
		010	0.0	2.0	2.0	1.0	2.0	2.0	3.0	2.0	2.0	0.0
		002	0.0	0.0	2.5	1.8	0.0	0.0	3.2	2.5	0.0	0.0
		003	0.0	0.0	1.0	1.0	2.0	1.0	0.0	0.0	1.0	0.0
		02A	0.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		011	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	1.0	0.0

Appendix Table 3-A-1. Continued.

LOCATION	RIVER MILE	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
SLOUGH 20	140.1	005	0.0	15.0	25.0	30.0	18.0	10.0	10.0	14.0	14.0	14.0
		010	0.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
		002	0.0	0.0	1.0	4.4	0.0	1.2	0.0	4.0	0.0	0.0
		003	0.0	0.0	2.0	0.0	3.0	0.0	1.0	0.0	1.0	1.0
		02A	0.0	0.0	0.0	0.0	10.0	7.0	9.0	10.0	12.0	0.0
SLOUGH 21	142.0	005	0.0	15.0	15.0	20.0	24.0	15.0	18.0	21.0	21.0	0.0
		010	0.0	3.0	2.0	2.0	3.0	3.0	3.0	2.0	2.0	0.0
		002	0.0	0.0	1.9	6.1	0.0	0.0	2.9	22.0	0.0	0.0
		003	0.0	0.0	2.0	0.0	1.0	2.0	0.0	0.0	2.0	0.0
		02A	0.0	0.0	11.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0
		011	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0

Appendix Table 3-A-1. Continued.

LOCATION	RIVER MILE	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
PORTAGE CREEK-MOUTH	148.8	005	0.0	5.0	0.0	21.0	14.0	14.0	0.0	14.0	14.0	14.0
		010	0.0	2.0	0.0	2.0	2.0	2.0	0.0	2.0	2.0	2.0
		003	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
		02A	0.0	0.0	22.5	0.0	25.0	17.5	32.0	23.0	20.0	0.0
		009	0.0	0.0	0.0	3.0	1.0	1.0	0.0	0.0	0.0	0.0

Appendix Table 3-A-2. Sampling effort by gear type at Selected Fish Habitat (SFH) sites in the Susitna River below Devil Canyon, May through October, 1982. Units are hours for gear 009, minutes for gears 002 and 02A, and units of gear fished for all other gear types.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 7.1 TO 7.5	02A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0
FISH CREEK RM 7.5 TRM 0.0	02A	0.0	0.0	0.0	0.0	0.0	2.0	0.0	8.0	0.0	0.0
MAINSTEM-RIVER MILE 9.1 TO 9.5	02A	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0
MAINSTEM-RIVER MILE 9.6 TO 10.0	02A	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0
ALEXANDER CREEK RM 9.9 TRM 0.0	02A	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0
MAINSTEM-RIVER MILE 12.6 TO 13.0	02A	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0
MAINSTEM-RIVER MILE 13.1 TO 13.5	02A	0.0	0.0	0.0	0.0	0.0	10.0	12.0	0.0	0.0	0.0
MAINSTEM-RIVER MILE 13.6 TO 14.0	02A	0.0	0.0	0.0	0.0	0.0	0.0	4.0	10.0	0.0	0.0
MAINSTEM-RIVER MILE 14.1 TO 14.5	02A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0
MAINSTEM-RIVER MILE 14.6 TO 15.0	02A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0	0.0	0.0
MAINSTEM-RIVER MILE 15.1 TO 15.5	02A	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0
MAINSTEM-RIVER MILE 15.6 TO 16.0	02A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0

Appendix Table 3-A-2. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 16.1 TO 16.5	02A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0
MAINSTEM-RIVER MILE 16.6 TO 17.0	02A	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0
MAINSTEM-RIVER MILE 17.1 TO 17.5	02A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0	0.0	0.0
MAINSTEM-RIVER MILE 17.6 TO 18.0	02A	0.0	0.0	0.0	0.0	0.0	5.0	5.0	13.0	0.0	0.0
EAST BANK TRIBUTARY RM 17.7 TRM 0.0	02A	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0
MAINSTEM-RIVER MILE 19.6 TO 20.0	02A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35.0	0.0	0.0
MAINSTEM-RIVER MILE 20.1 TO 20.5	02A	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0
MAINSTEM-RIVER MILE 20.6 TO 21.0	02A	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0
MAINSTEM-RIVER MILE 21.1 TO 21.5	02A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0
MAINSTEM-RIVER MILE 22.1 TO 22.5	02A	0.0	0.0	0.0	0.0	0.0	0.0	10.0	9.0	0.0	0.0
MAINSTEM-RIVER MILE 22.6 TO 23.0	02A	0.0	0.0	0.0	0.0	0.0	0.0	20.0	12.0	0.0	0.0
MAINSTEM-RIVER MILE 23.1 TO 23.5	02A	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0
MAINSTEM-RIVER MILE 23.6 TO 24.0	02A	0.0	0.0	0.0	0.0	0.0	37.0	11.0	12.0	0.0	0.0
ANDERSON CREEK RM 23.8 TRM 0.0	02A	0.0	0.0	0.0	0.0	0.0	3.0	3.0	0.0	0.0	0.0

Appendix Table 3-A-2. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 24.1 TO 24.5	02A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0
MAINSTEM-RIVER MILE 24.6 TO 25.0	02A	0.0	0.0	0.0	0.0	0.0	0.0	28.0	15.0	0.0	0.0
MAINSTEM-RIVER MILE 25.1 TO 25.5	02A	0.0	0.0	0.0	0.0	0.0	0.0	12.0	16.0	0.0	0.0
MAINSTEM-RIVER MILE 25.6 TO 26.0	02A	0.0	0.0	0.0	0.0	0.0	0.0	23.0	12.0	0.0	0.0
MAINSTEM-RIVER MILE 26.1 TO 26.5	02A	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0
MAINSTEM-RIVER MILE 26.6 TO 27.0	02A	0.0	0.0	0.0	0.0	0.0	4.0	20.0	0.0	0.0	0.0
MAINSTEM-RIVER MILE 27.1 TO 27.5	02A	0.0	0.0	0.0	0.0	0.0	0.0	8.0	8.0	0.0	0.0
MAINSTEM-RIVER MILE 27.6 TO 28.0	02A	0.0	0.0	0.0	0.0	0.0	12.0	16.0	0.0	0.0	0.0
MAINSTEM-RIVER MILE 28.1 TO 28.5	02A	0.0	0.0	0.0	0.0	0.0	0.0	10.0	5.0	0.0	0.0
MAINSTEM-RIVER MILE 28.6 TO 29.0	02A	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0
MAINSTEM-RIVER MILE 29.1 TO 29.5	02A	0.0	0.0	0.0	0.0	0.0	14.0	0.0	24.0	0.0	0.0
MAINSTEM-RIVER MILE 29.6 TO 30.0	02A	0.0	0.0	0.0	0.0	0.0	12.0	0.0	5.0	0.0	0.0
MAINSTEM-RIVER MILE 30.1 TO 30.5	02A	0.0	0.0	0.0	0.0	0.0	0.0	5.0	5.0	0.0	0.0
MAINSTEM-RIVER MILE 31.1 TO 31.5	02A	0.0	0.0	0.0	0.0	0.0	12.0	70.0	43.0	0.0	0.0
FISH CREEK RM 31.2 TRM 0.0	02A	0.0	0.0	0.0	0.0	16.0	0.0	0.0	0.0	0.0	0.0

Appendix Table 3-A-2. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 31.6 TO 32.0	02A	0.0	0.0	0.0	0.0	0.0	3.0	67.0	22.0	0.0	0.0
SLOUGH-EAST BANK RM 31.8 TRM 0.0	02A	0.0	0.0	0.0	0.0	15.3	0.0	0.0	0.0	0.0	0.0
MAINSTEM-RIVER MILE 32.1 TO 32.5	02A	0.0	0.0	0.0	0.0	0.0	0.0	1.5	13.0	0.0	0.0
MAINSTEM-RIVER MILE 32.6 TO 33.0	02A	0.0	0.0	0.0	0.0	0.0	0.0	13.0	13.0	0.0	0.0
MAINSTEM-RIVER MILE 33.1 TO 33.5	02A	0.0	0.0	0.0	0.0	0.0	0.0	4.0	13.0	0.0	0.0
MAINSTEM-RIVER MILE 33.6 TO 34.0	02A	0.0	0.0	0.0	0.0	0.0	3.0	20.0	0.0	0.0	0.0
MAINSTEM-RIVER MILE 34.1 TO 34.5	02A	0.0	0.0	0.0	0.0	0.0	0.0	7.0	5.0	0.0	0.0
MAINSTEM-RIVER MILE 34.6 TO 35.0	02A	0.0	0.0	0.0	0.0	0.0	5.0	9.0	0.0	0.0	0.0
MAINSTEM-RIVER MILE 35.1 TO 35.5	02A	0.0	0.0	0.0	0.0	0.0	46.0	20.0	43.0	0.0	0.0
WHITSOL LAKE SLOUGH RM 35.2 TRM 0.0	02A	0.0	0.0	0.0	0.0	16.7	0.0	0.0	0.0	0.0	0.0
MAINSTEM-RIVER MILE 35.6 TO 36.0	02A	0.0	0.0	0.0	0.0	0.0	7.0	0.0	30.0	0.0	0.0
MAINSTEM-RIVER MILE 36.1 TO 36.5	02A	0.0	0.0	0.0	0.0	17.5	8.0	2.0	23.0	0.0	0.0
MAINSTEM-RIVER MILE 36.6 TO 37.0	02A	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0

Appendix Table 3-A-2. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
TRIBUTARY ABOVE MID-KROTO RM 36.8 TRM 0.0	02A	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0
MAINSTEM-RIVER MILE 37.1 TO 37.5	02A	0.0	0.0	0.0	0.0	0.0	4.0	30.0	0.0	0.0	0.0
MAINSTEM-RIVER MILE 37.6 TO 38.0	02A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0
MAINSTEM-RIVER MILE 38.1 TO 38.5	02A	0.0	0.0	0.0	0.0	21.3	13.0	2.0	10.0	0.0	0.0
KROTO SLOUGH-TRIBUTARY RM 38.5 TRM 0.0	02A	0.0	0.0	0.0	0.0	25.0	0.0	0.0	0.0	0.0	0.0
MAINSTEM-RIVER MILE 39.1 TO 39.5	02A	0.0	0.0	0.0	0.0	0.0	11.0	5.0	30.0	0.0	0.0
ROLLY CREEK RM 39.0 TRM 0.0	02A	0.0	0.0	0.0	0.0	8.0	15.0	0.0	0.0	0.0	0.0
ROLLY CREEK RM 39.0 TRM .3	02A	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0
MAINSTEM-RIVER MILE 40.1 TO 40.5	02A	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0
MAINSTEM-RIVER MILE 40.6 TO 41.0	02A	0.0	0.0	0.0	0.0	26.7	0.0	0.0	5.0	0.0	0.0
DESHKA RIVER RM 40.6 TRM .3	02A	0.0	0.0	0.0	0.0	49.3	0.0	0.0	0.0	0.0	0.0
DESHKA RIVER RM 40.6 TRM 4.0	02A	0.0	0.0	0.0	0.0	23.9	0.0	0.0	0.0	0.0	0.0

Appendix Table 3-A-2. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 41.1 TO 41.5	02A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	0.0	0.0
MAINSTEM-RIVER MILE 42.1 TO 42.5	02A	0.0	0.0	0.0	0.0	0.0	15.0	5.0	8.0	0.0	0.0
MAINSTEM-RIVER MILE 42.6 TO 43.0	02A	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0
MAINSTEM-RIVER MILE 43.1 TO 43.5	02A	0.0	0.0	0.0	0.0	0.0	18.0	12.0	23.0	0.0	0.0
MAINSTEM-RIVER MILE 43.6 TO 44.0	02A	0.0	0.0	0.0	0.0	0.0	0.0	40.0	30.0	0.0	0.0
MAINSTEM-RIVER MILE 44.1 TO 44.5	02A	0.0	0.0	0.0	0.0	0.0	10.0	17.0	13.0	0.0	0.0
MAINSTEM-RIVER MILE 44.6 TO 45.0	02A	0.0	0.0	0.0	0.0	11.0	5.0	0.0	19.0	0.0	0.0
MAINSTEM-RIVER MILE 45.1 TO 45.5	02A	0.0	0.0	0.0	0.0	0.0	11.0	10.0	13.0	0.0	0.0
MAINSTEM-RIVER MILE 45.6 TO 46.0	02A	0.0	0.0	0.0	0.0	0.0	19.0	23.0	17.0	0.0	0.0
MAINSTEM-RIVER MILE 46.1 TO 46.5	02A	0.0	0.0	0.0	0.0	0.0	10.0	0.0	10.0	0.0	0.0
MAINSTEM-RIVER MILE 46.6 TO 47.0	02A	0.0	0.0	0.0	0.0	0.0	0.0	6.0	5.0	0.0	0.0
MAINSTEM-RIVER MILE 47.1 TO 47.5	02A	0.0	0.0	0.0	0.0	0.0	8.0	0.0	16.0	0.0	0.0
MAINSTEM-RIVER MILE 47.6 TO 48.0	02A	0.0	0.0	0.0	0.0	0.0	6.0	3.0	15.0	0.0	0.0
MAINSTEM-RIVER MILE 48.1 TO 48.5	02A	0.0	0.0	0.0	0.0	0.0	4.0	15.0	0.0	0.0	0.0
MAINSTEM-RIVER MILE 48.6 TO 49.0	02A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0

Appendix Table B-A-2. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 49.1 TO 49.5	02A	0.0	0.0	0.0	0.0	0.0	5.0	3.0	13.0	0.0	0.0
MAINSTEM-RIVER MILE 49.6 TO 50.0	02A	0.0	0.0	0.0	0.0	0.0	7.0	3.0	15.0	0.0	0.0
MAINSTEM-RIVER MILE 50.1 TO 50.5	02A	0.0	0.0	0.0	0.0	7.5	8.0	0.0	18.0	0.0	0.0
LITTLE WILLOW CREEK RM 50.5 TRM 0.0	02A	0.0	0.0	19.0	0.0	11.0	0.0	0.0	0.0	0.0	0.0
LITTLE WILLOW CREEK RM 50.5 TRM 1.2	02A	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0
MAINSTEM-RIVER MILE 51.1 TO 51.5	02A	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0
MAINSTEM-RIVER MILE 51.6 TO 52.0	02A	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0
EAST BANK TRIBUTARY RM 51.0 TRM 0.0	02A	0.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0
MAINSTEM-RIVER MILE 52.1 TO 52.5	02A	0.0	0.0	0.0	0.0	0.0	0.0	1.0	11.0	0.0	0.0
MAINSTEM-RIVER MILE 52.6 TO 53.0	02A	0.0	0.0	0.0	0.0	9.0	0.0	0.0	21.0	0.0	0.0
MAINSTEM-RIVER MILE 53.1 TO 53.5	02A	0.0	0.0	0.0	0.0	0.0	15.0	10.0	13.0	0.0	0.0
MAINSTEM-RIVER MILE 53.6 TO 54.0	02A	0.0	0.0	0.0	0.0	0.0	0.0	5.0	---	0.0	0.0
MAINSTEM-RIVER MILE 54.1 TO 54.5	02A	0.0	0.0	0.0	0.0	0.0	0.0	21.0	10.0	0.0	0.0
MAINSTEM-RIVER MILE 54.6 TO 55.0	02A	0.0	0.0	0.0	0.0	0.0	0.0	3.0	---	0.0	0.0

Appendix Table 3-A-2. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 55.6 TO 56.0	02A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0
MAINSTEM-RIVER MILE 56.1 TO 56.5	02A	0.0	0.0	0.0	0.0	0.0	15.0	12.0	0.0	0.0	0.0
MAINSTEM-RIVER MILE 56.6 TO 57.0	02A	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0
MAINSTEM-RIVER MILE 57.1 TO 57.5	02A	0.0	0.0	34.6	0.0	0.0	0.0	5.0	0.0	0.0	0.0
SLOUGH-WEST BANK RM 57.4 TRM 0.0	02A	0.0	0.0	0.0	0.0	19.2	0.0	0.0	0.0	0.0	0.0
MAINSTEM-RIVER MILE 57.6 TO 58.0	02A	0.0	0.0	0.0	0.0	20.9	0.0	9.0	0.0	0.0	0.0
MAINSTEM-RIVER MILE 58.1 TO 58.5	02A	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0
MAINSTEM-RIVER MILE 58.6 TO 59.0	02A	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0
MAINSTEM-RIVER MILE 59.1 TO 59.5	02A	0.0	13.8	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0
GRAY'S CREEK RM 59.5 TRM 0.0	02A	0.0	0.0	0.0	0.0	8.5	0.0	0.0	0.0	0.0	0.0
GRAY'S CREEK RM 59.5 TRM .3	02A	0.0	0.0	21.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAINSTEM-RIVER MILE 59.6 TO 60.0	02A	0.0	0.0	0.0	0.0	0.0	8.0	---	0.0	0.0	0.0
MAINSTEM-RIVER MILE 60.1 TO 60.5	02A	50.6	0.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0

Appendix Table 3-A-2. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 60.6 TO 61.0	02A	0.0	0.0	0.0	0.0	0.0	0.0	18.0	0.0	0.0	0.0
MAINSTEM-RIVER MILE 61.1 TO 61.5	02A	0.0	0.0	0.0	3.0	0.0	9.2	8.3	12.0	0.0	0.0
MAINSTEM-RIVER MILE 61.6 TO 62.0	02A	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0
KASHWITNA RIVER RM 61.0 TRM .1	02A	0.0	12.9	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0
MAINSTEM-RIVER MILE 62.6 TO 63.0	02A	0.0	0.0	0.0	0.0	0.0	20.0	13.3	28.3	0.0	0.0
MAINSTEM-RIVER MILE 63.1 TO 63.5	02A	0.0	0.0	0.0	0.0	0.0	8.3	13.3	16.7	0.0	0.0
CASWELL CREEK RM 63.0 TRM 0.0	02A	0.0	0.0	0.0	0.0	0.0	0.0	10.0	8.0	0.0	0.0
MAINSTEM-RIVER MILE 64.6 TO 65.0	02A	0.0	0.0	0.0	0.0	0.0	10.0	6.0	8.0	0.0	0.0
MAINSTEM-RIVER MILE 65.6 TO 66.0	02A	0.0	0.0	0.0	23.0	0.0	107.8	15.3	15.0	0.0	0.0
MAINSTEM-RIVER MILE 66.1 TO 66.5	02A	0.0	0.0	0.0	0.0	0.0	25.0	35.0	13.0	0.0	0.0
SHEEP CREEK SLOUGH RM 66.1 TRM 0.0	02A	0.0	0.0	0.0	23.3	0.0	19.7	10.0	0.0	0.0	0.0
MAINSTEM-RIVER MILE 66.6 TO 67.0	02A	0.0	0.0	0.0	0.0	0.0	15.0	10.0	0.0	0.0	0.0
MAINSTEM-RIVER MILE 67.1 TO 67.5	02A	0.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0	0.0
MAINSTEM-RIVER MILE 67.6 TO 68.0	02A	0.0	0.0	0.0	0.0	0.0	5.8	0.0	0.0	0.0	0.0

Appendix Table 3-A-2. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 68.1 TO 68.5	02A	0.0	0.0	0.0	14.3	0.0	42.5	12.0	62.0	0.0	0.0
MAINSTEM-RIVER MILE 68.6 TO 69.0	02A	0.0	0.0	0.0	0.0	0.0	23.3	30.0	20.0	0.0	0.0
MAINSTEM-RIVER MILE 69.1 TO 69.5	02A	0.0	0.0	0.0	0.0	0.0	39.2	11.7	0.0	0.0	0.0
MAINSTEM-RIVER MILE 69.6 TO 70.0	02A	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0
MAINSTEM-RIVER MILE 70.1 TO 70.5	02A	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0
MAINSTEM-RIVER MILE 70.6 TO 71.0	02A	0.0	0.0	0.0	0.0	0.0	0.0	34.2	0.0	0.0	0.0
MAINSTEM-RIVER MILE 71.1 TO 71.5	02A	0.0	0.0	0.0	0.0	0.0	15.0	25.0	35.3	0.0	0.0
MAINSTEM-RIVER MILE 71.6 TO 72.0	02A	0.0	0.0	0.0	0.0	0.0	38.3	25.0	50.0	0.0	0.0
MAINSTEM-RIVER MILE 72.1 TO 72.5	02A	0.0	0.0	0.0	0.0	0.0	69.5	26.8	48.3	0.0	0.0
MAINSTEM-RIVER MILE 72.6 TO 73.0	02A	0.0	0.0	0.0	0.0	0.0	0.0	37.0	10.0	0.0	0.0
GOOSE CREEK 1 RM 72.0 TRM 0.0	02A	0.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GOOSE CREEK 1A RM 72.9 TRM 0.0	02A	0.0	0.0	0.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0
TRIBUTARY-WEST BANK RM 72.0 TRM 0.0	02A	0.0	0.0	0.0	0.0	0.0	5.8	0.0	0.0	0.0	0.0

Appendix Table 3-A-2. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
GOOSE CREEK 1 RM 72.0 TRM .5	02A	0.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAINSTEM-RIVER MILE 73.1 TO 73.5	02A	0.0	0.0	0.0	0.0	0.0	5.0	27.0	0.0	0.0	0.0
MAINSTEM-RIVER MILE 73.6 TO 74.0	02A	0.0	0.0	0.0	0.0	0.0	0.0	28.7	18.3	0.0	0.0
MAINSTEM-RIVER MILE 74.1 TO 74.5	02A	0.0	7.0	0.0	14.0	0.0	15.3	45.0	44.7	0.0	0.0
MAINSTEM-RIVER MILE 74.6 TO 75.0	02A	0.0	16.6	0.0	0.0	0.0	7.5	0.0	61.0	0.0	0.0
MAINSTEM-RIVER MILE 75.1 TO 75.5	02A	0.0	0.0	0.0	0.0	0.0	30.8	32.0	5.0	0.0	0.0
MAINSTEM-RIVER MILE 75.6 TO 76.0	02A	0.0	0.0	0.0	0.0	0.0	68.3	20.3	60.7	0.0	0.0
MAINSTEM-RIVER MILE 77.6 TO 78.0	02A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0
	010	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0
	009	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
MONTANA CREEK RM 77.0 TRM 0.0	02A	6.5	21.0	0.0	0.0	0.0	0.0	0.0	8.3	0.0	0.0
MAINSTEM-RIVER MILE 78.6 TO 79.0	02A	29.0	53.3	0.0	23.3	0.0	22.5	53.0	42.0	0.0	0.0
MAINSTEM-RIVER MILE 79.1 TO 79.5	02A	0.0	31.7	0.0	26.7	0.0	0.0	16.0	0.0	0.0	0.0
MAINSTEM-RIVER MILE 79.6 TO 80.0	02A	20.5	10.1	0.0	11.0	0.0	20.0	23.3	47.5	0.0	0.0
MAINSTEM-RIVER MILE 80.6 TO 81.0	02A	0.0	0.0	0.0	0.0	0.0	0.0	6.0	10.0	0.0	0.0

Appendix Table 3-A-2. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 81.6 TO 82.0	02A	0.0	0.0	0.0	0.0	0.0	0.0	16.7	20.0	0.0	0.0
MAINSTEM-RIVER MILE 82.6 TO 83.0	02A	0.0	0.0	0.0	0.0	0.0	32.0	32.0	16.7	0.0	0.0
MAINSTEM-RIVER MILE 83.1 TO 83.5	02A	0.0	0.0	0.0	0.0	0.0	8.3	28.7	27.5	0.0	0.0
MAINSTEM-RIVER MILE 83.6 TO 84.0	02A	0.0	0.0	0.0	0.0	0.0	0.0	5.0	8.3	0.0	0.0
MAINSTEM-RIVER MILE 84.1 TO 84.5	02A	0.0	0.0	0.0	0.0	0.0	6.7	0.0	0.0	0.0	0.0
MAINSTEM-RIVER MILE 84.6 TO 85.0	010	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0
	05B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
MAINSTEM-RIVER MILE 85.1 TO 85.5	02A	0.0	0.0	0.0	0.0	0.0	0.0	18.3	0.0	0.0	0.0
MAINSTEM-RIVER MILE 85.6 TO 86.0	02A	0.0	17.8	0.0	33.0	0.0	14.2	38.0	18.3	0.0	0.0
MAINSTEM-RIVER MILE 86.1 TO 86.5	02A	0.0	0.0	0.0	0.0	0.0	26.4	12.0	55.0	0.0	0.0
BEAVER POND RM 86.3 TRM 0.0	02A	0.0	20.8	0.0	15.0	0.0	27.8	5.0	0.0	0.0	0.0
MAINSTEM-RIVER MILE 86.6 TO 87.0	02A	0.0	0.0	0.0	0.0	0.0	0.0	18.3	0.0	0.0	0.0
MAINSTEM-RIVER MILE 87.1 TO 87.5	02A	0.0	0.0	0.0	38.3	0.0	8.0	15.0	12.0	0.0	0.0
MAINSTEM-RIVER MILE 87.6 TO 88.0	02A	0.0	17.0	0.0	0.0	0.0	61.0	43.3	44.2	0.0	0.0
MAINSTEM-RIVER MILE 89.1 TO 89.5	02A	0.0	0.0	0.0	0.0	0.0	17.5	8.3	33.0	0.0	0.0

Appendix Table 3-A-2. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 91.1 TO 91.5	02A	0.0	0.0	0.0	0.0	0.0	15.0	8.3	0.0	0.0	0.0
TRAPPER CREEK RM 91.5 TRM 0.0	02A	0.0	50.9	0.0	21.0	0.0	7.5	16.7	15.0	0.0	0.0
MAINSTEM-RIVER MILE 92.1 TO 92.5	02A	0.0	0.0	0.0	0.0	0.0	6.7	7.5	8.3	0.0	0.0
MAINSTEM-RIVER MILE 92.6 TO 93.0	02A	0.0	0.0	0.0	0.0	0.0	10.0	13.0	8.0	0.0	0.0
MAINSTEM-RIVER MILE 93.6 TO 94.0	02A	0.0	38.7	0.0	16.7	0.0	35.7	0.0	18.3	0.0	0.0
MAINSTEM-RIVER MILE 94.1 TO 94.5	02A	0.0	0.0	0.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0
MAINSTEM-RIVER MILE 95.1 TO 95.5	02A	0.0	6.0	0.0	26.0	0.0	25.0	0.0	11.8	0.0	0.0
	010	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0
MAINSTEM-RIVER MILE 95.6 TO 96.0	02A	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAINSTEM-RIVER MILE 97.6 TO 98.0	02A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.0	0.0	0.0
BILLION SLOUGH RM 97.9 TRM 0.0	02A	0.0	0.0	0.0	23.3	0.0	15.0	6.7	0.0	0.0	0.0
TALKEETNA RIVER RM 97.0 TRM 0.0	02A	0.0	73.6	0.0	13.3	0.0	22.0	6.7	6.7	0.0	0.0
MAINSTEM-RIVER MILE 99.1 TO 99.5	02A	0.0	0.0	0.0	0.0	0.0	15.0	14.2	3.3	0.0	0.0
	010	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0
MAINSTEM-RIVER MILE 99.6 TO 100.0	02A	0.0	24.4	0.0	0.0	0.0	66.7	21.0	8.3	0.0	0.0

Appendix Table 3-A-2. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
SLOUGH 1 KM 99.6 TRM 0.0	02A	0.0	0.0	0.0	35.0	0.0	10.0	4.0	0.0	0.0	0.0
MAINSTEM-RIVER MILE 100.1 TO 100.5	02A	0.0	55.0	0.0	0.0	0.0	0.0	20.8	40.0	0.0	0.0
	010	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	2.0
SLOUGH 2 RM 100.4 TRM 0.0	02A	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0
MAINSTEM-RIVER MILE 100.6 TO 101.0	02A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0
MAINSTEM-RIVER MILE 101.1 TO 101.5	02A	0.0	0.0	0.0	24.2	0.0	0.0	15.0	0.0	0.0	0.0
	010	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
WHISKERS CREEK RM 101.2 TRM 4.0	009	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0
MAINSTEM-RIVER MILE 101.6 TO 102.0	02A	0.0	20.8	0.0	0.0	0.0	12.0	28.7	35.0	0.0	0.0
	010	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	2.0
MAINSTEM-RIVER MILE 102.1 TO 102.5	010	0.0	0.0	0.0	0.0	0.0	2.0	0.0	6.0	2.0	3.0
MAINSTEM-RIVER MILE 102.6 TO 103.0	02A	0.0	5.5	0.0	21.0	0.0	25.0	39.7	41.9	0.0	0.0
	010	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0
MAINSTEM-RIVER MILE 104.1 TO 104.5	02A	0.0	0.0	0.0	0.0	0.0	0.0	5.0	8.2	0.0	0.0
	010	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0
MAINSTEM-RIVER MILE 104.6 TO 105.0	02A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0

Appendix Table 3-A-2. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 105.1 TO 105.5	02A	0.0	0.0	0.0	0.0	0.0	0.0	35.2	29.0	0.0	0.0
	010	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.0	0.0
MAINSTEM-RIVER MILE 105.6 TO 106.0	02A	0.0	0.0	0.0	0.0	0.0	0.0	9.6	0.0	0.0	0.0
MAINSTEM-RIVER MILE 106.1 TO 106.5	02A	0.0	0.0	0.0	0.0	0.0	0.0	10.0	15.4	0.0	0.0
MAINSTEM-RIVER MILE 106.6 TO 107.0	010	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0
CHASE CREEK RM 106.9 TRM 0.0	02A	0.0	0.0	0.0	0.0	0.0	0.0	2.5	24.0	0.0	0.0
MAINSTEM-RIVER MILE 107.1 TO 107.5	02A	0.0	0.0	0.0	13.0	0.0	0.0	16.2	8.4	0.0	0.0
MAINSTEM-RIVER MILE 107.6 TO 108.0	010	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0
MAINSTEM-RIVER MILE 108.1 TO 108.5	02A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.7	0.0	0.0
MAINSTEM-RIVER MILE 108.6 TO 109.0	02A	0.0	0.0	0.0	0.0	0.0	0.0	13.3	7.5	0.0	0.0
	010	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	3.0	0.0
MAINSTEM-RIVER MILE 109.1 TO 109.5	02A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0
MAINSTEM-RIVER MILE 109.6 TO 110.0	02A	0.0	0.0	0.0	0.0	0.0	0.0	4.0	5.1	0.0	0.0
MAINSTEM-RIVER MILE 110.1 TO 110.5	02A	0.0	0.0	0.0	0.0	0.0	0.0	27.3	10.3	0.0	0.0
MAINSTEM-RIVER MILE 110.6 TO 111.0	02A	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0
	010	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0

Appendix Table 3-A-2. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 111.1 TO 111.5	02A	0.0	0.0	0.0	0.0	0.0	0.0	3.7	0.0	0.0	0.0
	010	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	002	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0
	003	0.0	2.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	005	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAINSTEM-RIVER MILE 111.6 TO 112.0	02A	0.0	71.7	0.0	41.7	0.0	0.0	9.1	0.0	0.0	0.0
MAINSTEM-RIVER MILE 112.1 TO 112.5	02A	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0
MAINSTEM-RIVER MILE 113.1 TO 113.5	02A	0.0	0.0	0.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0
SLOUGH 7 RM 113.1 TRM 0.0	02A	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0
MAINSTEM-RIVER MILE 114.1 TO 114.5	02A	0.0	22.0	0.0	20.0	0.0	0.0	16.2	17.2	0.0	0.0
MAINSTEM-RIVER MILE 114.6 TO 115.0	02A	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0
MAINSTEM-RIVER MILE 115.1 TO 115.5	02A	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0
MAINSTEM-RIVER MILE 115.6 TO 116.0	02A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36.7	0.0	0.0
MAINSTEM-RIVER MILE 116.1 TO 116.5	02A	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0
LOWER MCKENZIE CREEK RM 116.2 TRM 0.0	02A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0
MAINSTEM-RIVER MILE 116.6 TO 117.0	02A	0.0	0.0	0.0	0.0	0.0	0.0	17.9	0.0	0.0	0.0

Appendix Table 3-A-2. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
UPPER MCKENZIE CREEK RM 116.7 TRM 0.0	02A	0.0	0.0	4.6	0.0	4.0	0.0	0.0	7.4	16.0	0.0
MAINSTEM-RIVER MILE 117.1 TO 117.5	02A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3	0.0	0.0
MAINSTEM-RIVER MILE 117.6 TO 118.0	02A	0.0	0.0	0.0	0.0	0.0	0.0	5.7	5.9	0.0	0.0
MAINSTEM-RIVER MILE 118.1 TO 118.5	02A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0
MAINSTEM-RIVER MILE 118.6 TO 119.0	02A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.3	0.0	0.0
MAINSTEM-RIVER MILE 119.6 TO 120.0	02A	0.0	0.0	0.0	0.0	0.0	0.0	46.4	15.3	5.1	0.0
MAINSTEM-RIVER MILE 120.1 TO 120.5	02A	0.0	0.0	0.0	0.0	0.0	0.0	8.0	3.7	0.0	0.0
MAINSTEM-RIVER MILE 120.6 TO 121.0	02A	0.0	0.0	6.9	0.0	15.0	0.0	6.4	18.5	0.0	0.0
	010	0.0	2.0	2.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0
	003	0.0	2.0	1.0	2.0	1.0	0.0	0.0	0.0	0.0	0.0
	005	0.0	10.0	14.0	10.0	10.0	0.0	0.0	0.0	0.0	0.0
	05A	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAINSTEM-RIVER MILE 121.1 TO 121.5	02A	0.0	0.0	0.0	0.0	0.0	0.0	3.5	0.0	0.0	0.0
MAINSTEM-RIVER MILE 121.6 TO 122.0	02A	0.0	0.0	0.0	0.0	0.0	0.0	14.2	4.0	0.0	0.0
SLOUGH 8D RM 121.8 TRM 0.0	02A	0.0	0.0	3.2	0.0	15.0	0.0	0.0	0.0	0.0	0.0

Appendix Table 3-A-2. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
SLOUGH 8B RM 122.2 TRM 0.0	02A	0.0	0.0	9.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0
MAINSTEM-RIVER MILE 123.1 TO 123.5	02A	0.0	0.0	0.0	0.0	0.0	0.0	8.6	0.0	0.0	0.0
MAINSTEM-RIVER MILE 123.6 TO 124.0	02A	0.0	0.0	0.0	0.0	0.0	0.0	17.0	5.6	0.0	0.0
	010	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	6.0	0.0
5TH OF JULY CREEK RM 123.7 TRM 0.0	02A	0.0	0.0	5.5	0.0	10.3	1.7	6.1	5.0	0.0	0.0
SLOUGH-EAST BANK RM 123.6 TRM 0.0	02A	0.0	0.0	0.0	0.0	0.0	10.2	0.0	0.0	0.0	0.0
MAINSTEM-RIVER MILE 124.1 TO 124.5	02A	0.0	0.0	0.0	0.0	0.0	0.0	19.8	0.0	0.0	0.0
SKULL CREEK RM 124.7 TRM 0.0	02A	0.0	0.0	125.7	0.0	25.0	11.6	8.0	10.6	6.7	0.0
MAINSTEM-RIVER MILE 125.6 TO 126.0	02A	0.0	0.0	0.0	0.0	0.0	0.0	6.7	0.0	0.0	0.0
MAINSTEM-RIVER MILE 126.1 TO 126.5	02A	0.0	0.0	0.0	0.0	0.0	0.0	20.0	12.1	0.0	0.0
MAINSTEM-RIVER MILE 126.6 TO 127.0	02A	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0
	010	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	3.0	0.0
MAINSTEM-RIVER MILE 127.1 TO 127.5	02A	0.0	0.0	0.0	0.0	0.0	0.0	12.2	0.0	0.0	0.0
MAINSTEM-RIVER MILE 127.6 TO 128.0	02A	0.0	0.0	0.0	0.0	0.0	10.1	6.2	8.4	0.0	0.0
	010	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0

Appendix Table 3-A-2. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 128.1 TO 128.5	02A	0.0	0.0	0.0	0.0	0.0	0.0	4.2	0.0	0.0	0.0
MAINSTEM-RIVER MILE 129.1 TO 129.5	02A	0.0	0.0	39.0	0.0	0.0	0.0	---	8.5	0.0	0.0
	010	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0
MAINSTEM-RIVER MILE 130.1 TO 130.5	02A	0.0	0.0	0.0	0.0	0.0	9.1	6.6	8.3	0.0	0.0
	010	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0
MAINSTEM-RIVER MILE 130.6 TO 131.0	02A	0.0	0.0	12.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	010	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	6.0	0.0
SHERMAN CREEK RM 130.8 TRM 0.0	02A	0.0	0.0	13.0	0.0	15.0	8.0	4.0	8.3	0.0	0.0
MAINSTEM-RIVER MILE 131.1 TO 131.5	02A	0.0	0.0	0.0	0.0	0.0	0.0	17.5	11.6	0.0	0.0
	010	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0
4TH OF JULY CREEK RM 131.1 TRM 1.0	009	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0
MAINSTEM-RIVER MILE 131.6 TO 132.0	02A	0.0	0.0	0.0	0.0	0.0	0.0	24.0	0.0	0.0	0.0
MAINSTEM-RIVER MILE 132.1 TO 132.5	02A	0.0	0.0	0.0	0.0	0.0	8.4	0.0	6.0	0.0	0.0
MAINSTEM-RIVER MILE 132.6 TO 133.0	02A	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0
MAINSTEM-RIVER MILE 133.1 TO 133.5	02A	0.0	0.0	0.0	0.0	0.0	0.0	11.0	9.8	0.0	0.0
MAINSTEM-RIVER MILE 133.6 TO 134.0	010	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0

Appendix Table 3-A-2. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 133.6 TO 134.0	003	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	005	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	05A	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SLOUGH 10 RM 133.8 TRM 0.0	02A	0.0	0.0	27.5	0.0	0.0	4.0	2.0	0.0	6.6	0.0
SLOUGH 9A RM 133.6 TRM 0.0	02A	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAINSTEM-RIVER MILE 134.1 TO 134.5	02A	0.0	0.0	0.0	0.0	0.0	7.1	12.0	2.2	0.0	0.0
	010	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0
MAINSTEM-RIVER MILE 135.1 TO 135.5	02A	0.0	0.0	13.9	0.0	0.0	18.0	26.0	22.2	0.0	0.0
	010	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0
SLOUGH 12 RM 135.4 TRM 0.0	02A	0.0	0.0	0.0	0.0	5.2	0.0	0.0	0.0	0.0	0.0
MAINSTEM-RIVER MILE 135.6 TO 136.0	02A	0.0	0.0	10.0	0.0	0.0	0.0	14.0	0.0	0.0	0.0
	010	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0
SLOUGH 13 RM 135.7 TRM 0.0	02A	0.0	0.0	0.0	0.0	15.6	2.0	0.0	0.0	0.0	0.0
SLOUGH 14 RM 135.9 TRM 0.0	02A	0.0	0.0	15.9	0.0	10.1	0.0	0.0	0.0	0.0	0.0
MAINSTEM-RIVER MILE 136.1 TO 136.5	02A	0.0	0.0	0.0	0.0	0.0	0.0	7.3	0.0	0.0	0.0

Appendix Table 3-A-2. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 136.6 TO 137.0	02A	0.0	0.0	160.0	0.0	0.0	12.6	----	5.9	0.0	0.0
	010	0.0	0.0	0.0	0.0	0.0	5.0	5.0	0.0	0.0	0.0
	005	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
	011	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
GOLD CREEK RM 136.7 TRM 0.0	02A	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0
MAINSTEM-RIVER MILE 137.1 TO 137.5	05B	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0
SLOUGH 15 RM 137.2 TRM 0.0	02A	0.0	0.0	25.0	0.0	17.2	7.5	8.0	12.0	0.0	0.0
MAINSTEM-RIVER MILE 137.6 TO 138.0	02A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0
	010	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	005	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SLOUGH 16 RM 137.7 TRM 0.0	02A	0.0	0.0	18.9	0.0	10.0	0.0	0.0	0.0	0.0	0.0
MAINSTEM-RIVER MILE 138.1 TO 138.5	02A	0.0	0.0	11.0	0.0	0.0	4.2	7.3	0.0	0.0	0.0
SLOUGH 17 RM 138.9 TRM 0.0	02A	0.0	0.0	14.6	0.0	18.0	0.0	0.0	0.0	0.0	0.0
MAINSTEM-RIVER MILE 139.1 TO 139.5	02A	0.0	0.0	0.0	0.0	0.0	0.0	6.0	36.3	0.0	0.0
	010	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	3.0	0.0
	05B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0
MAINSTEM-RIVER MILE 140.1 TO 140.5	02A	0.0	0.0	0.0	0.0	0.0	4.0	16.0	0.0	0.0	0.0

Appendix Table 3-A-2. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 140.6 TO 141.0	02A	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0
MAINSTEM-RIVER MILE 141.1 TO 141.5	02A	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAINSTEM-RIVER MILE 141.6 TO 142.0	02A	0.0	0.0	0.0	0.0	0.0	0.0	10.8	5.6	0.0	0.0
MAINSTEM-RIVER MILE 142.1 TO 142.5	02A	0.0	0.0	0.0	0.0	0.0	0.0	7.5	6.7	0.0	0.0
MAINSTEM-RIVER MILE 142.6 TO 143.0	02A	0.0	0.0	0.0	0.0	0.0	0.0	28.0	0.0	0.0	0.0
MAINSTEM-RIVER MILE 143.1 TO 143.5	02A	0.0	0.0	8.0	0.0	0.0	3.0	0.0	12.8	0.0	0.0
MAINSTEM-RIVER MILE 143.6 TO 144.0	02A	0.0	0.0	0.0	0.0	0.0	5.0	0.0	7.2	0.0	0.0
MAINSTEM-RIVER MILE 144.1 TO 144.5	010	0.0	2.0	3.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0
	002	0.0	0.0	3.0	3.8	0.0	0.0	0.0	0.0	0.0	0.0
	003	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	005	0.0	10.0	15.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0
JACK LONG CREEK RM 144.5 TRM 0.0	02A	0.0	0.0	0.0	0.0	15.0	18.0	17.3	----	20.0	0.0
MAINSTEM-RIVER MILE 145.1 TO 145.5	02A	0.0	0.0	0.0	0.0	0.0	0.0	10.8	7.0	0.0	0.0
MAINSTEM-RIVER MILE 145.6 TO 146.0	02A	0.0	0.0	18.3	0.0	0.0	12.5	0.0	0.0	0.0	0.0
MAINSTEM-RIVER MILE 147.1 TO 147.5	02A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.2	0.0	0.0
MAINSTEM-RIVER MILE 147.6 TO 148.0	02A	0.0	0.0	15.0	0.0	0.0	7.0	30.3	4.8	0.0	0.0

Appendix Table 3-A-2. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 148.1 TO 148.5	02A	0.0	0.0	0.0	0.0	0.0	0.0	6.0	8.0	0.0	0.0
MAINSTEM-RIVER MILE 148.6 TO 149.0	02A	0.0	0.0	0.0	0.0	0.0	0.0	4.5	0.0	0.0	0.0
MAINSTEM-RIVER MILE 150.1 TO 150.5	02A	0.0	0.0	26.6	0.0	0.0	9.1	11.5	17.0	2.5	0.0

Appenidx Table 3-A-3. Summary of radio telemetry studies of rainbow trout and burbot on the Susitna River between Cook Inlet and Devil Canyon, October, 1981 to April, 1982.

Capture Date, 1981						Tracking Data: Date Tracked and Location and River Mile																	
						Oct						Nov		Dec		Jan			Feb		Mar		Apr
Radio Frequency/ Species Length[a]	Date	Method Captured	Date Tagged	River Mile	Date Rls'd	14 B[b]	15 P[c]	22 B	23 P	29 P	30 B	05 P	18 P	04 P	28 P	06 P	14 P	21 P	10 P	18 P	02 P	22 P	06 P
740-3 Rainbow/455	10/05	Electroshock	10/06	76.3	10/07	76.3	76.3	N/S[d]	78.0	82.0	78.5	79.0	79.0	78.0	77.0	77.5	77.0	77.8	77.8	N/S	N/S	N/S	N/S
750-1 Rainbow/425	10/13	Electroshock	10/14	76.3	10/15		76.3	N/S	71.4	69.0	N/S	69.5	69.5	69.0	62.5	N/S	N/S	N/S	N/S	N/S	N/S	N/S	N/S
750-2 Rainbow/395	10/06	Electroshock	10/07	84.1	10/08	84.1	84.1	82.5	N/C[e]	82.0	N/S	82.0	82.0	81.5	62.5	61.5	61.5	61.3	61.0	61.0	61.0	61.0	N/S
750-3 Rainbow/[f]	10/06	Electroshock	10/07	76.3	10/08	73.7	73.8	N/S	71.8	68.7	N/S	69.5	69.0	68.5	58.0	N/S	N/S	N/S	53.0	53.0	53.0	53.0	53.0
760-2 Rainbow/350	10/05	Electroshock	10/06	76.3	10/07	N/S	70.7	N/S	67.5	68.7	N/S	64.0	64.5	63.5	N/S	N/S	N/S	N/S	67.0	67.5	67.5	N/S	N/S
740-2 Burbot/835	10/05	Trotline	10/05	84.1	10/06	84.1	84.1	N/S	84.1	81.0	N/S	82.0	81.0	82.5	81.5	81.5	81.5	82.0	82.0	81.0	81.0	81.0	84.1
760-1 Burbot/795	10/03	Electroshock	10/04	76.3	10/05	76.2	76.2	76.2	N/C	N/S	N/S	75.0	76.0	75.5	N/S	N/S	18.3	19.0	17.3	16.0	19.0	19.0	N/S
760-3 Burbot/622	10/05	Trotline	10/05	84.1	10/06	83.5	83.5	83.5	N/C	81.5	N/S	81.5	80.0	80.0	N/S	N/S	N/S	N/S	N/S	N/S	N/S	N/S	N/S
770-1 Burbot/720	10/03	Electroshock	10/04	76.3	10/05	75.0	75.0	75.0	N/C	75.0	N/S	75.0	74.5	74.0	75.0	75.0	75.5	75.5	68.5	68.5	68.5	68.5	N/S
770-2 Burbot/575	10/05	Trotline	10/05	84.1	10/06	84.1	84.1	84.1	N/C	N/S	84.1	84.1	84.1	84.1	N/S	89.0	89.0	89.6	89.6	88.5	88.5	83.5	N/S

[a] Species/Length - TL Burbot, FL Rainbow, in mm.

[b] Tracked by boat.

[c] Tracked by plane.

[d] Represents no signal.

[e] Indicates not checked.

[f] Length not measured.

Appendix Table 3-A-4. Sampling effort in gear units at designated fish habitat (DFH) sites during February through April, 1982.

Site	River Mile	Geographic Code	EFFORT (GEAR UNITS) February Minnow Trap	February Trotline	March Minnow Trap	March Trotline	April Minnow Trap	April Trotline	Other Gear
Sunshine Creek and Side Channel	85.7	S24N05W14AAB	--	-	--	-	10.0	4.0	
Birch Creek and Slough	89.2	S25N05W25DCC	--	-	10.0	4.0	4.0	4.0	
Whiskers Creek and Slough	101.2	S26N05W03ADB	9.0	3.0	20.0	8.0	10.0	4.0	Also 1 Gillnet, March Also 1 Gillnet, April
Slough 6A	112.3	S28N05W13CAC	--	-	5.0	1.0	5.0	2.0	Also 1 Gillnet, April
Lane Creek and Slough 8	113.6	S28N05W12ADD	4.0	-	5.0	1.0	6.0	2.0	
4th of July Creek	131.1	S30N03W03DAC	10.0	-	10.0	-	10.0	-	
Slough 11	135.3	S31N02W19DDD	10.0	-	10.0	-	10.0	-	
Indian River	138.6	S31N02W09CDA	10.0	4.0	10.0	4.0	--	-	
Slough 20	140.1	S31N02W11BBC	10.0	-	10.0	-	10.0	-	
Slough 21	142.0	S31N01W25CAC	--	-	10.0	-	10.0	-	

Appendix Table 3-A-5. Sampling effort in gear units at selected fish habitat sites during February through April, 1982.

Site	River Mile	Geographic Code	EFFORT (GEAR UNITS)					
			February		March		April	
			Minnow Trap	Trotline	Minnow Trap	Trotline	Minnow Trap	Trotline
Deshka River (Site A)	40.6	S19N06W35BDA	10.0	4.5	--	--	5.0	6.2
Deshka River (Site B)	40.6	S19N06W26BCB	10.0	4.0	--	--	5.0	2.0
Deshka River (Site C)	40.6	S19N06W14BCA	--	-	--	--	5.0	2.0
Mainstem - 3.0m N of Little Willow Creek	53.5	S20N05W14BCA	--	8.0	--	--	--	-
Mainstem - Rustic Wilderness	58.1	S21N05W25CBD	--	-	10.0	6.0	10.0	4.0
Kashwitna River	61.0	S21N05W13AAA	--	-	--	--	10.0	4.0
Mainstem - 0.5m W of Kashwitna River	61.0	S21N05W13BBA	--	4.3	--	--	--	-
Sheep Creek Slough	66.1	S22N04W30BAB	--	-	--	--	10.0	4.0
Mainstem - E Channel	67.5	S22N05W24DAC	--	-	--	17.3	--	-
Mainstem - E Channel	68.4	S22N05W13CCA	--	-	5.0	--	--	-
Mainstem - E Channel	68.5	S22N05W14ADD	--	-	--	11.5	--	-
Goose Creek (1)	72.0	S23N04W31BBC	5.0	2.0	10.0	4.0	10.0	4.0
Montana Creek	77.0	S23N04W07ABA	10.0	4.0	10.0	4.0	--	-
Mainstem	82.0	S24N05W22DAC	--	-	--	16.3	--	-
Mainstem 1	84.0	S24N05W10DCC	7.0	4.0	8.0	4.8	10.0	4.0
Cache Creek	96.0	S26N05W26DCB	10.0	4.0	--	--	10.0	4.0
Cash Creek	111.5	S28N05W24ADA	--	-	--	--	4.0	-
Mainstem - Side Channel	121.6	S29N04W11BBB	10.0	-	--	--	10.0	-
Slough 8D	122.3	S29N04W02CBA	--	-	--	--	10.0	-
Slough 8A (upper reach)	126.3	S30N03W20CCD	--	-	10.0	--	10.0	-
Slough 9 (upper reach)	129.2	S30N03W09DCB	--	-	10.0	--	10.0	-
Slough 9A (upper reach)	133.6	S30N03W36DAA	--	-	10.0	--	10.0	-
Slough 10	133.8	S31N03W36AAC	10.0	4.0	10.0	4.0	10.0	-
Slough 22	144.3	S32N01W32BBC	5.0	-	10.0	-	10.0	-

Appendix Table 3-A-6. Fishwheel effort in hours by two-week sampling period at sampling stations located on the Susitna River, June through September, 1982.

Site	River Mile	Effort (hours fished)							
		June 1-15	June 16-30	July 1-15	July 16-31	August 1-15	August 16-31	September 1-15	September 16-30
Yentna Station (TRM 6.0)	27.5	---	192.0	715.0	472.0	558.5	754.0	240.0	---
Sunshine Station	79.0	794.5	1382.0	1424.5	1472.0	1208.0	1492.5	1025.8	324.0
Talkeetna Station	103.0	712.0	1430.5	1439.0	1506.0	1440.0	1515.0	1256.0	---
Curry Station	120.0	166.5	711.0	719.0	729.0	713.0	762.0	715.5	85.0

Appendix Table 3-A-7. Rainbow trout catch during the ice covered months of February through April, 1982 at sites on the Susitna River below Devil Canyon.

Site	River Mile	Gear Type	Catch		
			February	March	April
Deshka River (TRM 3.5)	40.6	Trotline	-	-	1
Mainstem - 3.0 miles North of Little Willow Creek	53.5	Trotline	1	-	-
Mainstem - 0.5 miles West of Kashwitna River	61.0	Trotline	1	-	-
Mainstem - 1.4 miles above Sheep Creek slough	67.5	Trotline	-	2	-
Goose Creek 1	72.0	Trotline	1	-	-
Slough 10	133.8	Minnow Trap	-	1	-
Slough 22	144.3	Minnow Trap	1	-	-

Appendix Table 3-A-8. Rainbow trout catch at Designated Fish Habitat (DFH) sites in the Susitna River between Goose Creek 2 and Portage Creek by gear type, May through October, 1982.

LOCATION	RIVER MILE	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
GOOSE CREEK 2 AND SIDE CHANNEL	73.1	010		2	1	0	0	0	0	0	0	
		02A		1		0		0	0	0		
RABIDEUX CREEK AND SLOUGH	83.1	010			1		0	0	0	0	0	
SUNSHINE CREEK AND SIDE CHANNEL	85.7	005		0	2	0	0	0	0	0	0	
		010		1	3	0	0	0	0	1	0	
		02A	3	0		0		0	0	0		
BIRCH CREEK AND SLOUGH	88.4	010		1	0	0	1	0	0	0	0	
		002		0	0		0			1	1	
		003			0	1	0	0		0	0	
		02A	1	6		0		0	0	0		
WHISKERS CREEK AND SLOUGH	101.2	010		4	2	3	0	2	6	2	3	
		003		0		5		0	0	0	1	
		02A	11	2		0		0	0	0	0	
SLOUGH 6A	112.3	010		1	1	0	1	0	1	0	1	
		003		0	1	1	0		0	0	0	
		02A		2		1					0	
LANE CREEK AND SLOUGH 8	113.6	010		0	0	1	0	0	0	1	0	
		002				0	0	0		1	1	
		02A		1	5	1	1	1	0	3	1	
SLOUGH 8A	125.3	010		1	1	0	0	1	0	1	2	
		02A			3		0	0	0	1	2	
		001		0	12							

Appendix Table 3-A-8. Continued.

LOCATION	RIVER MILE	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
SLOUGH 9	129.2	010		0	0	0	0	2	0	0	1	
4TH OF JULY CREEK-MOUTH	131.1	010		0	7	1	0	0		1	0	
		02A			3		0	0	0	2	14	
		009		1			0	1		12	1	
SLOUGH 11	135.3	010		0	0	0	0	0	2	0	3	
		003					1		0	0	0	
INDIAN RIVER-MOUTH	138.6	02A			2		0	0	0	0	20	
		009									0	4
SLOUGH 19	140.0	010		1	0	0	0	0	0	0	0	
		002			0	1			0	0		
SLOUGH 20	140.1	010		1	0	0	0	1	0	0	0	0
		003			0		0		1		0	0
		02A					0	0	0	0	1	
SLOUGH 21	142.0	010		1	0	0	0	0	0	0	1	
PORTAGE CREEK-MOUTH	148.8	02A			0		0	0	0	1	0	

Appendix Table 3-A-9. Rainbow trout catch per unit effort (CPUE) at Designated Fish Habitat (DFH) sites in the Susitna River between Coose Creek 2 and Portage Creek by gear type, May through October, 1982. Units are hours for gear 009, minutes for gears 002 and 02A, and units of gear fished for all other gear types.

LOCATION	RIVER MILE	GEAR TYPE	MAY 16-30	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
GOOSE CREEK 2 AND SIDE CHANNEL	73.1	010		.7	.3	0.0	0.0	0.0	0.0	0.0	0.0	
		02A		<.05		0.0		0.0	0.0	0.0		
RABIDEUX CREEK AND SLOUGH	83.1	010			.3		0.0	0.0	0.0	0.0	0.0	
SUNSHINE CREEK AND SIDE CHANNEL	85.7	005		0.0	.1	0.0	0.0	0.0	0.0	0.0	0.0	
		010		.3	1.0	0.0	0.0	0.0	0.0	.3	0.0	
		02A	.1	0.0		0.0		0.0	0.0	0.0		
BIRCH CREEK AND SLOUGH	88.4	010		.3	0.0	0.0	.3	0.0	0.0	0.0	0.0	
		002		0.0	0.0					<.05		
		003			0.0	.3	0.0	0.0		0.0	0.0	
		02A	<.05	.1		0.0		0.0	0.0	0.0		
WHISKERS CREEK AND SLOUGH	101.2	010		1.0	.7	1.0	0.0	.7	1.5	.5	1.0	
		003		0.0		1.7		0.0	0.0	0.0	.3	
		02A	.5	<.05		0.0		0.0	0.0	0.0	0.0	
SLOUGH 6A	112.3	010		.5	.5	0.0	.5	0.0	.5	0.0	.5	
		003		0.0	1.0	1.0	0.0		0.0	0.0	0.0	
		02A		.1		<.05					0.0	
LANE CREEK AND SLOUGH 8	113.6	010		0.0	0.0	.3	0.0	0.0	0.0	.3	0.0	
		002				0.0	0.0	0.0		<.05	.1	
		02A		.1	.1	.1	.2	.1	0.0	.1	.1	
SLOUGH 8A	125.3	010		.3	.3	0.0	0.0	.3	0.0	.3	.7	
		02A			.1		0.0	0.0	0.0	.1	.2	

Appendix Table 3-A-9. Continued.

LOCATION	RIVER MILE	GEAR TYPE	MAY 16-30	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
SLOUGH 8A	125.3	001		0.0	6.0							
SLOUGH 9	129.2	010		0.0	0.0	0.0	0.0	.7	0.0	0.0	.3	
4TH OF JULY CREEK-MOUTH	131.1	010		0.0	3.5	.5	0.0	0.0		.5	0.0	
		02A			.1		0.0	0.0	0.0	.1	.7	
		009		1.0			0.0	.1		2.9	1.0	
SLOUGH 11	135.3	010		0.0	0.0	0.0	0.0	0.0	.7	0.0	1.0	
		003					.5		0.0	0.0	0.0	
INDIAN RIVER-MOUTH	138.6	02A			.1		0.0	0.0	0.0	0.0	.2	
		009									0.0	1.3
SLOUGH 19	140.0	010		.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
		002			0.0	.6			0.0	0.0		
SLOUGH 20	140.1	010		.3	0.0	0.0	0.0	.5	0.0	0.0	0.0	0.0
		003			0.0		0.0		1.0		0.0	0.0
		02A					0.0	0.0	0.0	0.0	.1	
SLOUGH 21	142.0	010		.3	0.0	0.0	0.0	0.0	0.0	0.0	.5	
PORTAGE CREEK-MOUTH	148.8	02A			0.0		0.0	0.0	0.0	<.05	0.0	

Appendix Table 3-A-10. Rainbow trout catch at Selected Fish Habitat (SFH) sites in the Susitna River below Devil Canyon, May through October, 1982.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 37.1 TO 37.5	02A						0	1			
MAINSTEM-RIVER MILE 39.1 TO 39.5	02A						0	0	1		
LITTLE WILLOW CREEK RM 50.5 TRM 0.0	02A			1		0					
MAINSTEM-RIVER MILE 68.1 TO 68.5	02A				0		0	0	1		
MAINSTEM-RIVER MILE 72.1 TO 72.5	02A						0	0	1		
MAINSTEM-RIVER MILE 74.6 TO 75.0	02A		0				0		4		
MAINSTEM-RIVER MILE 78.6 TO 79.0	02A	2	0		0		0	0	1		
MAINSTEM-RIVER MILE 86.1 TO 86.5	02A						0	0	1		
MAINSTEM-RIVER MILE 95.1 TO 95.5	02A		0		0		1		0		
TALKEETNA RIVER RM 97.0 TRM 0.0	02A		6		0		0	0	0		
MAINSTEM-RIVER MILE 100.1 TO 100.5	02A		3					0	0		
WHISKERS CREEK RM 101.2 TRM 4.0	009								6		
MAINSTEM-RIVER MILE 101.6 TO 102.0	02A		0				0	0	1		
MAINSTEM-RIVER MILE 105.1 TO 105.5	02A							1	0		

Appendix Table 3-A-10. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 111.1 TO 111.5	002					2					
MAINSTEM-RIVER MILE 114.1 TO 114.5	02A		1		0			0	0		
MAINSTEM-RIVER MILE 117.6 TO 118.0	02A							0	1		
MAINSTEM-RIVER MILE 120.6 TO 121.0	010		1	0	1						
5TH OF JULY CREEK RM 123.7 TRM 0.0	02A			1		0	0	0	0		
SKULL CREEK RM 124.7 TRM 0.0	02A			1		1	0	0	0	0	
MAINSTEM-RIVER MILE 129.1 TO 129.5	02A			2				0	0		
SHERMAN CREEK RM 130.8 TRM 0.0	02A			2		0	0	0	1		
4TH OF JULY CREEK RM 131.1 TRM 1.0	009							8			
MAINSTEM-RIVER MILE 133.6 TO 134.0	010		2							0	
SLOUGH 10 RM 133.8 TRM 0.0	02A			2			0	1		0	
MAINSTEM-RIVER MILE 135.6 TO 136.0	02A			2				0			

Appendix T.ble 3-A-10. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
SLOUGH 14 RM 135.9 TRM 0.0	02A			2		0					
SLOUGH 15 RM 137.2 TRM 0.0	02A			0		0	0	0	2		
MAINSTEM-RIVER MILE 137.6 TO 138.0	02A								2		
SLOUGH 16 RM 137.7 TRM 0.0	02A			1		0					
MAINSTEM-RIVER MILE 144.1 TO 144.5	010		0	0	1						
JACK LONG CREEK RM 144.5 TRM 0.0	02A					0	1	0	0	1	

Appendix Table 3-A-11. Rainbow trout catch per unit effort (CPUE) at Selected Fish Habitat (SFH) sites in the Susitna River below Devil Canyon by gear type, May through October, 1982. Units are hours for gear 009, minutes for gears 002 and 02A, and units of gear fished for all other gear types.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 37.1 TO 37.5	02A						0.0	<.05			
MAINSTEM-RIVER MILE 39.1 TO 39.5	02A						0.0	0.0	<.05		
LITTLE WILLOW CREEK RM 50.5 TRM 0.0	02A			.1		0.0					
MAINSTEM-RIVER MILE 68.1 TO 68.5	02A				0.0		0.0	0.0	<.05		
MAINSTEM-RIVER MILE 72.1 TO 72.5	02A						0.0	0.0	<.05		
MAINSTEM-RIVER MILE 74.6 TO 75.0	02A		0.0				0.0		.1		
MAINSTEM-RIVER MILE 78.6 TO 79.0	02A	.1	0.0		0.0		0.0	0.0	<.05		
MAINSTEM-RIVER MILE 86.1 TO 86.5	02A						0.0	0.0	<.05		
MAINSTEM-RIVER MILE 95.1 TO 95.5	02A		0.0		0.0		<.05		0.0		
TALKEETNA RIVER RM 97.0 TRM 0.0	02A		.1		0.0		0.0	0.0	0.0		
MAINSTEM-RIVER MILE 100.1 TO 100.5	02A		.1					0.0	0.0		
WHISKERS CREEK RM 101.2 TRM 4.0	009								.5		
MAINSTEM-RIVER MILE 101.6 TO 102.0	02A		0.0				0.0	0.0	<.05		

Appendix Table 3-A-11. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 105.1 TO 105.5	02A							<.05	0.0		
MAINSTEM-RIVER MILE 111.1 TO 111.5	002					.4					
MAINSTEM-RIVER MILE 114.1 TO 114.5	02A		<.05		0.0			0.0	0.0		
MAINSTEM-RIVER MILE 117.6 TO 118.0	02A							0.0	.2		
MAINSTEM-RIVER MILE 120.6 TO 121.0	010		.5	0.0	.5						
5TH OF JULY CREEK RM 123.7 TRM 0.0	02A			.2		0.0	0.0	0.0	0.0		
SKULL CREEK RM 124.7 TRM 0.0	02A			<.05		<.05	0.0	0.0	0.0	0.0	
MAINSTEM-RIVER MILE 129.1 TO 129.5	02A			.1					0.0		
SHERMAN CREEK RM 130.8 TRM 0.0	02A			.2		0.0	0.0	0.0	.1		
4TH OF JULY CREEK RM 131.1 TRM 1.0	009							2.0			
MAINSTEM-RIVER MILE 133.6 TO 134.0	010		1.0							0.0	
SLOUGH 10 RM 133.8 TRM 0.0	02A			.1			0.0	.5		0.0	
MAINSTEM-RIVER MILE 135.6 TO 136.0	02A			.2				0.0			

Appendix Table 3-A-11. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
SLOUGH 14 RM 135.9 TRM 0.0	02A			.1		0.0					
SLOUGH 15 RM 137.2 TRM 0.0	02A			0.0		0.0	0.0	0.0	.2		
MAINSTEM-RIVER MILE 137.6 TO 138.0	02A								.2		
SLOUGH 16 RM 137.7 TRM 0.0	02A			.1		0.0					
MAINSTEM-RIVER MILE 144.1 TO 144.5	010		0.0	0.0	.5						
JACK LONG CREEK RM 144.5 TRM 0.0	02A					0.0	.1	0.0		<.05	

Appendix Table 3-A-12. Rainbow trout catches at fishwheels located on the Susitna River by two week sampling period, June through September, 1982.

Site	River Mile	Catch								
		June 1-15	June 16-30	July 1-15	July 16-31	August 1-15	August 16-31	September 1-15	September 16-30	Total
Yentna Station (TRM 6.0)	27.5	-	0	0	0	0	0	0	-	0
Sunshine Station	79.0	3	4	1	0	1	0	7	3	19
Talkeetna Station	103.0	0	2	0	0	0	0	0	-	2
Curry Station	120.0	2	4	3	0	1	2	6	0	18
TOTAL		5	10	4	0	2	2	13	3	39

- = No effort.

Appendix Table 3-A-13. Adult rainbow trout recaptured in the Susitna River below Devil Canyon, 1982.

Tag Number	Date Tagged	Date Recovered	Number of Days Between	Tagging Location	Recovery Location	Movement (Miles)
				Tagged in 1981, recovered in 1982		
5221	092081	052082	240	Kawhwitna River (R.M. 61.0)	same	0
0618	100481	052482	228	Mainstem-across from Montana Creek (R.M. 78.0)	Montana Creek 0.1 mile above mouth (R.M. 77.0)	-1.0
5228	092181	052682	245	Kashwitna River (R.M. 61.0)	same	0
0727	100581	052782	232	Mainstem-across from Montana Creek (R.M. 78.0)	Montana Creek (R.M. 77.0)	-1.0
0875	100681	052882	234	Montana Creek (R.M. 77.0)	same	0
2627	091081	060682	269	Portage Creek (R.M. 148.8)	Slough 21 (R.M. 142.0)	-6.8
2664	091581	060882	266	Slough 10 (R.M. 133.8)	same	0
6008	100681	061982	256	Mainstem (R.M. 74.5)	Birch Creek (R.M. 89.2)	+14.7
2520	061781	062982	377	4th of July Creek (R.M. 131.1)	same	0
2540	070681	062982	358	4th of July Creek (R.M. 131.1)	Slough 8A (R.M. 125.3)	-5.8
2532	062081	082382	429	Slough 11 (R.M. 135.3)	4th of July Creek (R.M. 131.1)	-4.2
		082882	+5		Slough 11 (R.M. 135.3)	+4.2
2168	090981	101382	399	Whiskers Creek Slough (R.M. 101.2)	Mainstem-West Bank (R.M. 101.1)	-0.1
				Tagged above Chulitna River (R.M. 98.5) confluence in 1982		
6166	052682	060482	9	Whiskers Creek Slough (R.M. 101.2)	same	0

+ = Moved upstream.
- = Moved downstream.

Appendix Table 3-A-13. (Continued).

Tag Number	Date Tagged	Date Recovered	Number of Days Between	Tagging Location	Recovery Location	Movement (Miles)
				Tagged above Chulitna River (R.M. 98.5) confluence in 1982 - Cont'd		
6167	052682	060482 060882	9 +4	Whiskers Creek Slough (R.M. 101.2)	same	0
6163	052682	092782	124	Whiskers Creek Slough (R.M. 101.2)	same	0
6311	060682	062082	14	Lane Creek (R.M. 113.6)	Slough 6A (R.M. 112.3)	-1.3
		091482	+86		Lane Creek (R.M. 113.6)	+1.3
6320	060682	072382	47	Slough 6A (R.M. 112.3)	same	0
2740	060982	062282	13	Slough 8A (R.M. 125.3)	same	0
1763	062082	082182	62	Slough 6A (R.M. 112.3)	same	0
2768	062382	062482	1	4th of July Creek (R.M. 131.1)	same	0
2771	062482	091782	85	4th of July Creek (R.M. 131.1)	same (R.M. 131.1)	0
8609	062982	080582	37	Mainstem (R.M. 129.1)	4th of July Creek (R.M. 131.1)	+2.0
8694	063082	090782	69	Lane Creek (R.M. 113.6)	Slough 8A (R.M. 125.3)	+11.7
13143	090782	091782	10	Sherman Creek (R.M. 130.8)	4th of July Creek (R.M. 131.1)	+0.3
13041	090882	100182	23	Whiskers Creek Slough (R.M. 101.2)	Mainstem-West Bank (R.M. 101.1)	-0.1
				Tagged below the Chulitna River (R.M. 98.5) in 1982		
6162	052582	060282	8	Birch Creek Slough (R.M. 88.4)	Fish Creek-off Talkeetna R. (TRM 6.0)	+8.6+6.0+0.2

+ = Moved upstream.
- = Moved downstream.

Appendix Table 3-A-13. (Continued).

Tag Number	Date Tagged	Date Recovered	Number of Days Between	Tagging Location	Recovery Location	Movement (Miles)
				Tagged below the Chulitna River (R.M. 98.5) in 1982 - Cont'd		
1762	061082	070782	27	Sunshine Creek (R.M. 85.7)	Clear Creek off Talkeetna R. (R.M. 97.0, TRM 6.0)	+11.3+6.0
6377	061082	081482	65	Birch Creek Slough (R.M. 88.4)	Sunshine Creek (R.M. 85.7)	-2.7
6110	052582	053182	6	Mainstem-across from Montana Creek (R.M. 78.0)	Montana Creek (R.M. 77.0)	-1.0

-- = Moved upstream.
-- = Moved downstream.

Appendix Table 3-A-14. Arctic grayling catch at Designated Fish Habitat (DFH) sites in the Susitna River between Goose Creek 2 and Portage Creek by gear type, May through October, 1982.

LOCATION	RIVER MILE	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
GOOSE CREEK 2 AND SIDE CHANNEL	73.1	010		0	1	0	0	0	0	0	0	
		003		1	0	0	0	0	0	1	0	
		02A		3		0		0	0	1		
RARIDEUX CREEK AND SLOUGH	83.1	003			0				0	3	0	
		02A	1		0		0	0	0	0		
		011						0	0	1	0	
SUNSHINE CREEK AND SIDE CHANNEL	85.7	02A	2	0		0		0	0	0		
BIRCH CREEK AND SLOUGH	88.4	02A	1	6		0		0	0	2		
WHISKERS CREEK AND SLOUGH	101.2	005		0	0	0	0	0	0	3	3	
		002								9	10	
		003		0		0		0	0	4	1	
		02A	10	5		0		2	5	7	0	
		011								3	7	
SLOUGH 6A	112.3	002								3		
LANE CREEK AND SLOUGH 8	113.6	010		0	0	0	0	1	0	0	0	
		002				0	9	1		0	1	
		003		0	0	9	0		3	2	0	
		02A		5	60	4	0	10	2	11	1	
SLOUGH 8A	125.3	010		1	0	0	0	0	0	0	0	
		02A			0		0	0	1	0	1	
		001		1	2							

Appendix Table 3-A-14. Continued.

LOCATION	RIVER MILE	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
SLOUGH 9	129.2	002				1		0		0	0	
		003		0	0	0	1		1	0	0	
		02A					2					
4TH OF JULY CREEK-MOUTH	131.1	002				8		17		1		
		003			0		6		0		0	
		02A			33		4	3	0	3	6	
		009		2			0	0		2	0	
SLOUGH 11	135.3	010		2	0	0	0	0	0	0	0	
		02A			1		0			1		
		001		1								
INDIAN RIVER-MOUTH	138.6	002			0	2						
		02A			18		4	7	11	1	28	
		009									0	6
SLOUGH 20	140.1	002			0	7		1		0		
		003			0		8		1		0	0
		02A					1	9	10	9	5	
SLOUGH 21	142.0	002			0	0			0	1		
		003			0		1	0			0	
		02A			0		8					
PORTAGE CREEK-MOUTH	148.8	02A			4		3	12	17	20	7	
		009				4	0	0				

Appendix Table 3-A-15. Arctic grayling catch per unit effort (CPUE) at Designated Fish Habitat (DFH) sites in the Susitna River between Goose Creek 2 and Portage Creek by gear type, May through October, 1982. Units are hours for gear 009, minutes for gears 002 and 02A, and units of gear fished for all other gear types.

LOCATION	RIVER MILE	GEAR TYPE	MAY 16-30	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
GOOSE CREEK 2 AND SIDE CHANNEL	73.1	010		0.0	.3	0.0	0.0	0.0	0.0	0.0	0.0	
		003		.3	0.0	0.0	0.0	0.0	0.0	.5	0.0	
		02A		.1		0.0		0.0	0.0	.2		
RABIDEUX CREEK AND SLOUGH	83.1	003			0.0				0.0	3.0	0.0	
		02A	.1			0.0		0.0	0.0	0.0		
		011						0.0	0.0	1.0	0.0	
SUNSHINE CREEK AND SIDE CHANNEL	85.7	02A	.1	0.0		0.0		0.0	0.0	0.0		
BIRCH CREEK AND SLOUGH	88.4	02A	<.05	.1		0.0		0.0	0.0	.1		
WHISKERS CREEK AND SLOUGH	101.2	005		0.0	0.0	0.0	0.0	0.0	0.0	.1	.1	
		002								.7	.6	
		003		0.0		0.0		0.0	0.0	4.0	.3	
		02A	.5	.1		0.0		.1	.3	.5	0.0	
		011								3.0	7.0	
SLOUGH 6A	112.3	002								.3		
LANE CREEK AND SLOUGH 8	113.6	010		0.0	0.0	0.0	0.0	.3	0.0	0.0	0.0	
		002				0.0	2.3	.3		0.0	.1	
		003		0.0	0.0	9.0	0.0		3.0	2.0	0.0	
		02A		.3	1.4	.4	0.0	.7	.3	.4	.1	
SLOUGH 8A	125.3	010		.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
		02A			0.0		0.0	0.0	.1	0.0	.1	
		001		.5	1.0							

Appendix Table 3-A-15. Continued.

LOCATION	RIVER MILE	GEAR TYPE	MAY 16-30	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
SLOUGH 9	129.2	002				.1		0.0		0.0	0.0	
		003		0.0	0.0	0.0	1.0		.5	0.0	0.0	
		02A					.2					
4TH OF JULY CREEK-MOUTH	131.1	002				2.7		.4		<.05		
		003			0.0		6.0		0.0		0.0	
		02A			1.3		.2	.3	0.0	.1	.3	
		009		2.0			0.0	0.0		.5	0.0	
SLOUGH 11	135.3	010		1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
		02A			<.05		0.0			.1		
		001		.5								
INDIAN RIVER-MOUTH	138.6	002			0.0	2.3						
		02A			.5		.3	.5	.6	.2	.3	
		009									0.0	2.0
SLOUGH 20	140.1	002			0.0	1.6		.8		0.0		
		003			0.0		2.7		1.0		0.0	0.0
		02A					.1	1.3	1.1	.9	.4	
SLOUGH 21	142.0	002			0.0	0.0			0.0	<.05		
		003			0.0		1.0	0.0			0.0	
		02A			0.0		.4					
PORTAGE CREEK-MOUTH	148.8	02A			.2		.1	.7	.5	.9	.4	
		009				1.3	0.0	0.0				

Appendix Table 3-A-16. Arctic grayling catch at Selected Fish Habitat (SFH) sites in the Susitna River below Devil Canyon, May through October, 1982.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 31.1 TO 31.5	02A						0	1	1		
MAINSTEM-RIVER MILE 31.6 TO 32.0	02A						0	0	1		
MAINSTEM-RIVER MILE 35.1 TO 35.5	02A						0	0	1		
MAINSTEM-RIVER MILE 35.6 TO 36.0	02A						1		0		
MAINSTEM-RIVER MILE 36.1 TO 36.5	02A					0	0	0	2		
MAINSTEM-RIVER MILE 37.6 TO 38.0	02A								1		
MAINSTEM-RIVER MILE 38.1 TO 38.5	02A					0	0	0	1		
MAINSTEM-RIVER MILE 39.1 TO 39.5	02A						0	0	1		
DESHKA RIVER RM 40.6 TRM 4.0	02A					5					
MAINSTEM-RIVER MILE 44.1 TO 44.5	02A						0	0	1		
MAINSTEM-RIVER MILE 45.6 TO 46.0	02A						0	1	0		
MAINSTEM-RIVER MILE 49.1 TO 49.5	02A						0	0	2		
MAINSTEM-RIVER MILE 49.6 TO 50.0	02A						0	0	5		
MAINSTEM-RIVER MILE 50.1 TO 50.5	02A					0	0		1		
MAINSTEM-RIVER MILE 57.1 TO 57.5	02A			1				0			

Appendix Table 3-A-16. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 59.1 TO 59.5	02A		1					0			
MAINSTEM-RIVER MILE 60.1 TO 60.5	02A	4						0			
MAINSTEM-RIVER MILE 62.6 TO 63.0	02A						0	0	1		
MAINSTEM-RIVER MILE 70.6 TO 71.0	02A							1			
MAINSTEM-RIVER MILE 71.1 TO 71.5	02A						0	0	1		
MAINSTEM-RIVER MILE 71.6 TO 72.0	02A						0	1	0		
MAINSTEM-RIVER MILE 72.1 TO 72.5	02A						0	0	1		
GOOSE CREEK 1 RM 72.0 TRM .5	02A		4								
MAINSTEM-RIVER MILE 73.6 TO 74.0	02A							2	1		
MAINSTEM-RIVER MILE 74.6 TO 75.0	02A		0				0		2		
MONTANA CREEK RM 77.0 TRM 0.0	02A	0	1						0		
MAINSTEM-RIVER MILE 78.6 TO 79.0	02A	1	0		0		0	0	2		
MAINSTEM-RIVER MILE 79.6 TO 80.0	02A	0	1		0		0	0	1		
MAINSTEM-RIVER MILE 83.1 TO 83.5	02A						0	0	2		

Appendix Table 3-A-16. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
BEAVER POND RM 86.3 TRM 0.0	02A		1		0		0	0			
TRAPPER CREEK RM 91.5 TRM 0.0	02A		1		0		0	0	0		
MAINSTEM-RIVER MILE 93.6 TO 94.0	02A		5		0		0		0		
TALKEETNA RIVER RM 97.0 TRM 0.0	02A		11		0		0	0	0		
MAINSTEM-RIVER MILE 99.6 TO 100.0	02A		8				0	0	0		
MAINSTEM-RIVER MILE 100.1 TO 100.5	02A		18					1	4		
MAINSTEM-RIVER MILE 101.1 TO 101.5	02A				2			0			
MAINSTEM-RIVER MILE 101.6 TO 102.0	02A		6				0	4	4		
MAINSTEM-RIVER MILE 102.6 TO 103.0	02A		0		2		0	0	3		
MAINSTEM-RIVER MILE 107.1 TO 107.5	02A				0			2	0		
MAINSTEM-RIVER MILE 111.1 TO 111.5	002					6					
	003		3	0							
MAINSTEM-RIVER MILE 111.6 TO 112.0	02A		3		0			0			
MAINSTEM-RIVER MILE 113.1 TO 113.5	02A				1						
MAINSTEM-RIVER MILE 114.1 TO 114.5	02A		0		0			0	1		

Appendix Table 3-A-16. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 115.6 TO 116.0	02A								12		
UPPER MCKENZIE CREEK RM 116.7 TRM 0.0	02A			2		0			0	2	
MAINSTEM-RIVER MILE 117.6 TO 118.0	02A							0	5		
MAINSTEM-RIVER MILE 119.6 TO 120.0	02A							1	0	0	
MAINSTEM-RIVER MILE 120.6 TO 121.0	02A			0		1		0	0		
	003		1	1	0	0					
5TH OF JULY CREEK RM 123.7 TRM 0.0	02A			2		1	0	1	4		
SKULL CREEK RM 124.7 TRM 0.0	02A			30		6	14	0	2	2	
MAINSTEM-RIVER MILE 129.1 TO 129.5	02A			2				0	0		
MAINSTEM-RIVER MILE 130.1 TO 130.5	02A						0	1	3		
MAINSTEM-RIVER MILE 130.6 TO 131.0	02A			4							
MAINSTEM-RIVER MILE 131.1 TO 131.5	02A							0	2		
MAINSTEM-RIVER MILE 132.1 TO 132.5	02A						0		1		
SLOUGH 10 RM 133.8 TRM 0.0	02A			5			0	0		0	

Appendix Table 3-A-16. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
SLOUGH 9A RM 133.6 TRM 0.0	02A			1							
MAINSTEM-RIVER MILE 135.1 TO 135.5	02A			8			0	0	0		
MAINSTEM-RIVER MILE 135.6 TO 136.0	02A			3				0			
SLOUGH 14 RM 135.9 TRM 0.0	02A			1		0					
MAINSTEM-RIVER MILE 136.6 TO 137.0	011										1
GOLD CREEK RM 136.7 TRM 0.0	02A							1			
SLOUGH 15 RM 137.2 TRM 0.0	02A			15		0	5	2	4		
MAINSTEM-RIVER MILE 137.6 TO 138.0	02A								10		
SLOUGH 16 RM 137.7 TRM 0.0	02A			1		0					
MAINSTEM-RIVER MILE 138.1 TO 138.5	02A			1			1	0			
MAINSTEM-RIVER MILE 139.1 TO 139.5	02A							0	2		
MAINSTEM-RIVER MILE 141.1 TO 141.5	02A			6							
MAINSTEM-RIVER MILE 142.1 TO 142.5	02A							0	1		

Appendix Table 3-A-16. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 142.6 TO 143.0	02A							2			
MAINSTEM-RIVER MILE 143.1 TO 143.5	02A			1			0		0		
MAINSTEM-RIVER MILE 143.6 TO 144.0	02A						0		1		
MAINSTEM-RIVER MILE 144.1 TO 144.5	010		1	0	0						
	002			1	4						
JACK LONG CREEK RM 144.5 TRM 0.0	02A					10	16	22	2	8	
MAINSTEM-RIVER MILE 145.6 TO 146.0	02A			22			0				
MAINSTEM-RIVER MILE 147.6 TO 148.0	02A			5			0	5	0		
MAINSTEM-RIVER MILE 150.1 TO 150.5	02A			16			0	1	0	0	

Appendix Table 3-A-17. Arctic grayling catch per unit effort (CPUE) at Selected Fish Habitat (SFH) sites in the Susitna River below Devil Canyon by gear type, May through October, 1982. Units are hours for gear 009, minutes for gears 002 and 02A, and units of gear fished for all other gear types.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 31.1 TO 31.5	02A						0.0	<.05	<.05		
MAINSTEM-RIVER MILE 31.6 TO 32.0	02A						0.0	0.0	<.05		
MAINSTEM-RIVER MILE 35.1 TO 35.5	02A						0.0	0.0	<.05		
MAINSTEM-RIVER MILE 35.6 TO 36.0	02A						.1		0.0		
MAINSTEM-RIVER MILE 36.1 TO 36.5	02A					0.0	0.0	0.0	.1		
MAINSTEM-RIVER MILE 37.6 TO 38.0	02A								<.05		
MAINSTEM-RIVER MILE 38.1 TO 38.5	02A					0.0	0.0	0.0	.1		
MAINSTEM-RIVER MILE 39.1 TO 39.5	02A						0.0	0.0	<.05		
DESHKA RIVER RM 40.6 TRM 4.0	02A					.2					
MAINSTEM-RIVER MILE 44.1 TO 44.5	02A						0.0	0.0	.1		
MAINSTEM-RIVER MILE 45.1 TO 46.0	02A						0.0	<.05	0.0		
MAINSTEM-RIVER MILE 49.1 TO 49.5	02A						0.0	0.0	.2		
MAINSTEM-RIVER MILE 49.6 TO 50.0	02A						0.0	0.0	.3		
MAINSTEM-RIVER MILE 50.1 TO 50.5	02A					0.0	0.0		.1		

Appendix Table 3-A-17. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 57.1 TO 57.5	02A			<.05				0.0			
MAINSTEM-RIVER MILE 59.1 TO 59.5	02A		.1					0.0			
MAINSTEM-RIVER MILE 60.1 TO 60.5	02A	.1						0.0			
MAINSTEM-RIVER MILE 62.6 TO 63.0	02A						0.0	0.0	<.05		
MAINSTEM-RIVER MILE 70.6 TO 71.0	02A							<.05			
MAINSTEM-RIVER MILE 71.1 TO 71.5	02A						0.0	0.0	<.05		
MAINSTEM-RIVER MILE 71.6 TO 72.0	02A						0.0	<.05	0.0		
MAINSTEM-RIVER MILE 72.1 TO 72.5	02A						0.0	0.0	<.05		
GOOSE CREEK 1 RM 72.0 TRM .5	02A		.3								
MAINSTEM-RIVER MILE 73.6 TO 74.0	02A							.1	.1		
MAINSTEM-RIVER MILE 74.6 TO 75.0	02A		0.0				0.0		<.05		
MONTANA CREEK RM 77.0 TRM 0.0	02A	0.0	<.05						0.0		
MAINSTEM-RIVER MILE 78.6 TO 79.0	02A	<.05	0.0		0.0		0.0	0.0	<.05		
MAINSTEM-RIVER MILE 79.6 TO 80.0	02A	0.0	.1		0.0		0.0	0.0	<.05		

Appendix Table 3-A-17. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 83.1 TO 83.5	02A						0.0	0.0	.1		
BEAVER POND RM 86.3 TRM 0.0	02A		<.05		0.0		0.0	0.0			
TRAPPER CREEK RM 91.5 TRM 0.0	02A		<.05		0.0		0.0	0.0	0.0		
MAINSTEM-RIVER MILE 93.6 TO 94.0	02A		.1		0.0		0.0		0.0		
TALKEETNA RIVER RM 97.0 TRM 0.0	02A		.1		0.0		0.0	0.0	0.0		
MAINSTEM-RIVER MILE 99.6 TO 100.0	02A		.3				0.0	0.0	0.0		
MAINSTEM-RIVER MILE 100.1 TO 100.5	02A		.3					<.05	.1		
MAINSTEM-RIVER MILE 101.1 TO 101.5	02A				.1			0.0			
MAINSTEM-RIVER MILE 101.6 TO 102.0	02A		.3				0.0	.1	.1		
MAINSTEM-RIVER MILE 102.6 TO 103.0	02A		0.0		.1		0.0	0.0	.1		
MAINSTEM-RIVER MILE 107.1 TO 107.5	02A				0.0			.1	0.0		
MAINSTEM-RIVER MILE 111.1 TO 111.5	002					1.2					
	003		1.5	0.0							
MAINSTEM-RIVER MILE 111.6 TO 112.0	02A		<.05		0.0			0.0			
MAINSTEM-RIVER MILE 113.1 TO 113.5	02A				<.05						

Appendix Table 3-A-17. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 114.1 TO 114.5	02A		0.0		0.0			0.0	.1		
MAINSTEM-RIVER MILE 115.6 TO 116.0	02A								.3		
UPPER MCKENZIE CREEK RM 116.7 TRM 0.0	02A			.4		0.0			0.0	.1	
MAINSTEM-RIVER MILE 117.6 TO 118.0	02A							0.0	.9		
MAINSTEM-RIVER MILE 119.6 TO 120.0	02A							<.05	0.0	0.0	
MAINSTEM-RIVER MILE 120.6 TO 121.0	02A			0.0		.1		0.0	0.0		
	003		.5	1.0	0.0	0.0					
5TH OF JULY CREEK RM 123.7 TRM 0.0	02A			.4		.1	0.0	.2	.8		
SKULL CREEK RM 124.7 TRM 0.0	02A			.2		.2	1.2	0.0	.2	.3	
MAINSTEM-RIVER MILE 129.1 TO 129.5	02A			.1					0.0		
MAINSTEM-RIVER MILE 130.1 TO 130.5	02A						0.0	.2	.4		
MAINSTEM-RIVER MILE 130.6 TO 131.0	02A			.3							
MAINSTEM-RIVER MILE 131.1 TO 131.5	02A							0.0	.2		
MAINSTEM-RIVER MILE 132.1 TO 132.5	02A						0.0		.2		

Appendix Table 3-A-17. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
SLOUGH 10 RM 133.8 TRM 0.0	02A			.2			0.0	0.0		0.0	
SLOUGH 9A RM 133.6 TRM 0.0	02A			.1							
MAINSTEM-RIVER MILE 135.1 TO 135.5	02A			.6			0.0	0.0	0.0		
MAINSTEM-RIVER MILE 135.6 TO 136.0	02A			.3				0.0			
SLOUGH 14 RM 135.9 TRM 0.0	02A			.1		0.0					
MAINSTEM-RIVER MILE 136.6 TO 137.0	011										1.0
GOLD CREEK RM 136.7 TRM 0.0	02A							.6			
SLOUGH 15 RM 137.2 TRM 0.0	02A			.6		0.0	.7	.3	.3		
MAINSTEM-RIVER MILE 137.6 TO 138.0	02A								.8		
SLOUGH 16 RM 137.7 TRM 0.0	02A			.1		0.0					
MAINSTEM-RIVER MILE 138.1 TO 138.5	02A			.1			.2	0.0			
MAINSTEM-RIVER MILE 139.1 TO 139.5	02A							0.0	.1		
MAINSTEM-RIVER MILE 141.1 TO 141.5	02A			.8							

Appendix Table 3-A-18. Arctic grayling catches at fishwheels located on the Susitna River by two-week sampling period, June through September, 1982.

Site	River Mile	Catch								
		June 1-15	June 16-30	July 1-15	July 16-30	August 1-15	August 16-30	September 1-15	September 16-30	Total
Yentna Station (TRM 6.0)	27.5	-	0	0	0	0	0	0	-	0
Sunshine Station	79.0	3	1	1	1	1	0	9	34	50
Talkeetna Station	103.0	4	0	1	1	0	0	0	-	10
Curry Station	120.0	9	5	0	0	1	0	4	0	15
TOTAL		16	6	2	2	2	0	13	34	75

- = No effort.

Appendix Table 3-A-19. Arctic grayling recaptured in the Susitna River below Devil Canyon, 1982.

Tag Number	Date Tagged	Date Recovered	Number of Days Between	Tagging Location	Recovery Location	Movement (Miles)
				Tagged in 1981, recovered in 1982		
5231	092181	050782	264	Kashwitna River (R.M. 61.0)	Caswell Creek (R.M. 63.1)	+2.1
0854	100681	052682	232	Mainstem-opposite Montana Creek (R.M. 78.0)	Rabideux Creek (R.M. 83.1, TRM 1.5)	+5.1+1.5
6083	100781	061382	249	Mainstem-opposite Montana Creek (R.M. 78.0)	Goose Creek (R.M. 72.0, TRM 5.0)	-6.0+5.0
1082	050681	062382	413	Cache Creek Slough (R.M. 95.5)	Fish Creek off Talkeetna R. (R.M. 97.0, TRM 6.0)	+1.5+6.0+0.2
1987	062881	062482	361	4th of July Creek (R.M. 131.1)	same	0
6084	100781	070482	270	Mainstem-opposite Montana Creek (R.M. 78.0)	Goose Creek (R.M. 72.0)	-6.0
5237	092181	071782	286	Sunshine Creek (R.M. 79.0)	Goose Creek (R.M. 72.0)	-7.0
2639	091181	081882	342	Portage Creek (R.M. 148.8)	same	0
2649	091281	081882	341	Portage Creek (R.M. 148.8)	same	0
2624	091081	090582	360	Portage Creek (R.M. 148.8)	same	0
				Tagged above the Chulitna River (R.M. 98.5) confluence in 1982		
6313	060682	063082	24	Lane Creek (R.M. 113.6)	same	0
6312	060682	063082	24	Lane Creek (R.M. 113.6)	same	0
6314	060682	063082	24	Lane Creek (R.M. 113.6)	same	0

- = Moved upstream.
- = Moved downstream.

Appendix Table 3-A-19. (Continued).

Tag Number	Date Tagged	Date Recovered	Number of Days Between	Tagging Location	Recovery Location	Movement (Miles)
			Tagged above the Chulitna River (R.M. 98.5) confluence in 1982 - Cont'd			
1755	060782	063082	23	Gash Creek (R.M. 111.5)	Lane Creek (R.M. 113.6)	+2.1
2738	060982	062882	19	Slough 8A (R.M. 125.3)	Indian River (R.M. 138.6)	+13.3
8217	062282	062982	7	Mainstem (R.M. 120.0)	Skull Creek (R.M. 124.7)	+4.7
2774	062482	062882	4	4th of July Creek (R.M. 131.1)	same	0
		090682	+70		same	0
2777	062482	062882	4	4th of July Creek (R.M. 131.1)	same	0
2776	062482	081082	47	4th of July Creek (R.M. 131.1)	same	0
8470	062882	070582	7	Indian River (R.M. 138.6)	same	0
8547	062882	081882	51	Mainstem-East Channel (R.M. 135.1)	Jack Long Creek (R.M. 144.5)	+9.4
8494	062882	091982	83	Slough 15 (R.M. 137.2)	Jack Long Creek (R.M. 144.5)	+7.3
8588	062982	072282	23	4th of July Creek (R.M. 131.1)	Gold Creek (R.M. 136.8)	+5.7
8589	062982	072282	23	4th of July Creek (R.M. 131.1)	Gold Creek (R.M. 136.8)	+5.7
8627	062982	072682	27	Skull Creek (R.M. 124.7)	same	0
8630	062982	081282	44	Skull Creek (R.M. 124.7)	same	0
8686	063082	070482	4	Lane Creek (R.M. 113.6)	same	0

+ = Moved upstream.
- = Moved downstream.

Appendix Table 3-A-19. (Continued).

Tag Number	Date Tagged	Date Recovered	Number of Days Between	Tagging Location	Recovery Location	Movement (Miles)
			Tagged above the Chulitna River (R.M. 98.5) confluence in 1982 - Cont'd			
8675	063082	070482	4	Lane Creek (R.M. 113.6)	same	0
8673	063082	070482	4	Lane Creek (R.M. 113.6)	same	0
8684	063082	070882	8	Lane Creek (R.M. 113.6)	same	0
8668	063082	070882	8	Lane Creek (R.M. 113.6)	same	0
		090282	+56		Mainstem No. 2 (R.M. 114.4)	+0.8
8657	063082	081382	44	Lane Creek (R.M. 113.6)	same	0
8688	063082	081382	44	Lane Creek (R.M. 113.6)	same	0
8680	063082	081382	44	Lane Creek (R.M. 113.6)	same	0
8693	063082	090282	64	Lane Creek (R.M. 113.6)	same	0
		090882	+6		same	0
2793	071082	081882	39	Portage Creek (R.M. 148.8)	Jack Long Creek (R.M. 144.5)	-4.3
2958	071382	090882	57	4th of July Creek (R.M. 131.1)	same	0
10029	072682	081282	17	Skull Creek (R.M. 124.7)	same	0
10068	072782	081182	15	Jack Long Creek (R.M. 144.5)	same	0
10055	072782	081882	22	Portage Creek (R.M. 148.8)	same	0

+ = Moved upstream.
- = Moved downstream.

Appendix Table 3-A-19. (Continued).

Tag Number	Date Tagged	Date Recovered	Number of Days Between	Tagging Location	Recovery Location	Movement (Miles)
			Tagged above the Chulitna River (R.M. 98.5) confluence in 1982 - Cont'd			
10131	081182	081882	7	Portage Creek (R.M. 148.8)	same	0
10171	081182	091582	35	Slough 15 (R.M. 137.2)	same	0
10374	081882	091982	32	Jack Long Creek (R.M. 144.5)	same	0
5169	082082	090882	19	Lane Creek (R.M. 113.6)	same	0
			Tagged below the Chulitna River (R.M. 98.5) confluence in 1982			
14342	091382	091582	2	Mainstem - Sunshine (R.M. 79.0)	Mainstem-across from Sunshine (R.M. 79.0)	0

+ = Moved upstream.
- = Moved downstream.

Appendix Table 3-A-20 Relative spawning maturity of Arctic grayling captured in the Susitna River between Cook Inlet and Devil Canyon, May and June, 1982.

Condition of Gonads	Sex	Length	Age	Date Captured	Area of Capture	River Mile
Ripe	M	400	-	5/25	Mainstem	77.5
Ripe	F	362	6	5/24	Mainstem	60.5
Spent	F	387	7	6/28	Indian River	138.6
Spent	-	365	-	6/6	Lane Creek	113.6
Spent	-	352	-	6/5	Talkeetna R.	97.0

- indicates unknown or no data available.

Appendix Table 3-A-21. Burbot catch during the ice covered months of February through April, 1982 at sites on the Sucitna River below Devil Canyon.

Site	River Mile	Gear Type	Catch		
			February	March	April
Deshka River (A)	40.6	Trotline	5	-	5
Deshka River (TRM 1.0)	40.6	Trotline	1	-	-
Mainstem - 3.0 miles North of Little Willow Creek	53.5	Trotline	1	-	-
Sheep Creek Slough	66.1	Trotline	-	-	1
Mainstem - 2.4 miles above Sheep Creek slough	68.5	Trotline	-	2	-
Mainstem	82.0	Trotline	-	8	-
Mainstem 1	84.0	Trotline	1	2	2
Slough 6A (DFH site)	112.3	Minnow Trap	-	3	-
Slough 9 (upper)	128.3	Minnow Trap	-	-	1

Appendix Table 3-A-22. Burbot catch at Designated Fish Habitat (DFH) sites in the Susitna River between Goose Creek 2 and Portage Creek by gear type, May through October, 1982.

LOCATION	RIVER MILE	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
GOOSE CREEK 2 AND SIDE CHANNEL	73.1	010		3	1	1	2	2	2	5	1	
		003		2	0	0	0	0	0	0	0	
WHITEFISH SLOUGH	78.7	010					0	0	5	3	0	
		02A		0		0		0	1	0		
RABIDEUX CREEK AND SLOUGH	83.1	005			0		0	0	0	0	1	
		010			0		2	2	4	4	1	
		02A	0			6		0	0	0		
SUNSHINE CREEK AND SIDE CHANNEL	85.7	005		0	0	0	0	0	0	0	1	
		010		0	0	0	0	0	1	2	1	
		02A	0	0		0		1	0	0		
BIRCH CREEK AND SLOUGH	88.4	010		0	0	0	0	0	2	8	1	
		05B				0	0					1
WHISKERS CREEK AND SLOUGH	101.2	010		2	0	0	1	0	0	2	0	
		02A	0	0		0		0	0	1	0	
SLOUGH 6A	112.3	005		0	0	0	0	0	0	0	2	
		010		0	1	0	3	3	1	3	3	
LANE CREEK AND SLOUGH 8	113.6	010		0	0	0	0	2	0	2	0	
		002				0	0	0		1	2	
		003		0	0	0	0		1	0	0	
		02A		0	2	0	0	0	1	0	0	
SLOUGH 8A	125.3	005		0	0	0	1	0	0	0	0	

Appendix Table 3-A-22. Continued.

LOCATION	RIVER MILE	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
SLOUGH 8A	125.3	010		2	3	0	0	2	0	0	0	
		02A			1		0	0	0	0	0	
SLOUGH 9	129.2	010		2	2	0	0	0	1	0	0	
		003		0	18	0	0		0	0	0	
4TH OF JULY CREEK-MOUTH	131.1	010		0	0	1	0	0		0	0	
		002				1		0		0		
		02A			0		1	0	0	0	0	
SLOUGH 11	135.3	010		0	0	1	0	0	0	0	0	
INDIAN RIVER-MOUTH	138.6	010		0	0	0	0	2	0	0	0	
		02A			1		0	0	0	0	0	
SLOUGH 19	140.0	010		1	0	0	0	1	0	0	0	
		003			0	0	2	0			0	
		02A			1							
SLOUGH 20	140.1	010		0	0	1	0	0	0	1	1	0
		002			0	0		1		0		
SLOUGH 21	142.0	010		2	0	0	4	1	1	0	3	
		02A			0		1					
PORTAGE CREEK-MOUTH	148.8	010		0		1	0	1		1	2	2

Appendix Table 3-A-23. Burbot catch per unit effort (CPUE) at Designated fish Habitat (DFH) sites in the Susitna River between Goose Creek 2 and Portage Creek by gear type May through October, 1982. Units are hours for gear 009, minutes for gears 002 and 02A, and units of gear fished for all other gear types.

LOCATION	RIVER MILE	GEAR TYPE	MAY 16-30	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
GOOSE CREEK 2 AND SIDE CHANNEL	73.1	010		1.0	.3	.3	.7	.7	.7	1.7	.3	
		003		.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WHITEFISH SLOUGH	78.7	010					0.0	0.0	2.5	1.5	0.0	
		02A		0.0		0.0		0.0	.1	0.0		
RABIDEUX CREEK AND SLOUGH	83.1	005			0.0		0.0	0.0	0.0	0.0	.1	
		010			0.0		1.0	.7	2.0	1.3	.3	
		02A	0.0			.1		0.0	0.0	0.0		
SUNSHINE CREEK AND SIDE CHANNEL	85.7	005		0.0	0.0	0.0	0.0	0.0	0.0	0.0	.1	
		010		0.0	0.0	0.0	0.0	0.0	.3	.7	.3	
		02A	0.0	0.0		0.0		<.05	0.0	0.0		
BIRCH CREEK AND SLOUGH	88.4	010		0.0	0.0	0.0	0.0	0.0	.7	2.7	.5	
		05B				0.0	0.0					1.0
WHISKERS CREEK AND SLOUGH	101.2	010		.5	0.0	0.0	.3	0.0	0.0	.5	0.0	
		02A	0.0	0.0		0.0		0.0	0.0	.1	0.0	
SLOUGH 6A	112.3	005		0.0	0.0	0.0	0.0	0.0	0.0	0.0	.2	
		010		0.0	.5	0.0	1.5	1.5	.5	1.5	1.5	
LANE CREEK AND SLOUGH 8	113.6	010		0.0	0.0	0.0	0.0	.7	0.0	.7	0.0	
		002				0.0	0.0	0.0		<.05	.3	
		003		0.0	0.0	0.0	0.0		1.0	0.0	0.0	
		02A		0.0	<.05	0.0	0.0	0.0	.1	0.0	0.0	

Appendix Table 3-A-23. Continued.

LOCATION	RIVER MILE	GEAR TYPE	MAY 16-30	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
SLOUGH 8A	125.3	003		0.0	0.0	0.0	<.05	0.0	0.0	0.0	0.0	
		010		.7	1.0	0.0	0.0	.7	0.0	0.0	0.0	
		02A			<.05		0.0	0.0	0.0	0.0	0.0	
SLOUGH 9	129.2	010		.7	1.0	0.0	0.0	0.0	.5	0.0	0.0	
		003		0.0	6.0	0.0	0.0		0.0	0.0	0.0	
4TH OF JULY CREEK-MOUTH	131.1	010		0.0	0.0	.5	0.0	0.0		0.0	0.0	
		002				.3		0.0		0.0		
		02A			0.0		<.05	0.0	0.0	0.0	0.0	
SLOUGH 11	135.3	010		0.0	0.0	.3	0.0	0.0	0.0	0.0	0.0	
INDIAN RIVER-MOUTH	138.6	010		0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	
		02A			<.05		0.0	0.0	0.0	0.0	0.0	
SLOUGH 19	140.0	010		.5	0.0	0.0	0.0	.5	0.0	0.0	0.0	
		003			0.0	0.0	1.0	0.0			0.0	
		02A			.1							
SLOUGH 20	140.1	010		0.0	0.0	.5	0.0	0.0	0.0	.5	.5	0.0
		002			0.0	0.0		.8		0.0		
SLOUGH 21	142.0	010		.7	0.0	0.0	1.3	.3	.3	0.0	1.5	
		02A			0.0		<.05					
PORTAGE CREEK-MOUTH	148.8	010		0.0		.5	0.0	.5		.5	1.0	1.0

Appendix Table 3-A-24. Burbot catch at Selected Fish Habitat (SFH) sites in the Susitna River below Devil Canyon, May through October, 1982.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 25.6 TO 26.0	02A							1	0		
MAINSTEM-RIVER MILE 28.1 TO 28.5	02A							0	1		
MAINSTEM-RIVER MILE 29.1 TO 29.5	02A						1		0		
MAINSTEM-RIVER MILE 31.1 TO 31.5	02A						0	1	1		
MAINSTEM-RIVER MILE 31.6 TO 32.0	02A						0	1	0		
WHITSOL LAKE SLOUGH RM 35.2 TRM 0.0	02A					1					
MAINSTEM-RIVER MILE 36.1 TO 36.5	02A					2	0	0	1		
MAINSTEM-RIVER MILE 37.1 TO 37.5	02A						0	1			
KROTO SLOUGH-TRIBUTAPY RM 38.5 TRM 0.0	02A					2					
ROLLY CREEK RM 39.0 TRM .3	02A					4					
MAINSTEM-RIVER MILE 40.6 TO 41.0	02A					2			0		
DESHKA RIVER RM 40.6 TRM .3	02A					1					
MAINSTEM-RIVER MILE 43.6 TO 44.0	02A							3	1		

Appendix Table 3-A-24. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 44.6 TO 45.0	02A					1	0		2		
MAINSTEM-RIVER MILE 50.1 TO 50.5	02A					0	0		1		
MAINSTEM-RIVER MILE 51.6 TO 52.0	02A							1			
MAINSTEM-RIVER MILE 54.1 TO 54.5	02A							2	0		
GRAY'S CREEK RM 59.5 TRM 0.0	02A					1					
MAINSTEM-RIVER MILE 59.6 TO 60.0	02A						0	1			
MAINSTEM-RIVER MILE 60.1 TO 60.5	02A	1						0			
MAINSTEM-RIVER MILE 61.1 TO 61.5	02A						0	1	0		
CASWELL CREEK RM 63.0 TRM 0.0	02A							1	0		
MAINSTEM-RIVER MILE 65.6 TO 66.0	02A				5		0	0	0		
MAINSTEM-RIVER MILE 71.1 TO 71.5	02A						1	0	0		
MAINSTEM-RIVER MILE 75.6 TO 76.0	02A						0	0	2		
MAINSTEM-RIVER MILE 78.6 TO 79.0	02A	1	0		0		0	0	0		
MAINSTEM-RIVER MILE 79.1 TO 79.5	02A		1		0			0			
MAINSTEM-RIVER MILE 82.6 TO 83.0	02A						0	1	0		

Appendix Table 3-A-24. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 83.1 TO 83.5	02A						0	2	0		
MAINSTEM-RIVER MILE 84.6 TO 85.0	010										1
	05B										5
MAINSTEM-RIVER MILE 85.6 TO 86.0	02A		0		1		0	0	1		
MAINSTEM-RIVER MILE 86.1 TO 86.5	02A						1	0	0		
BEAVER POND RM 86.3 TRM 0.0	02A		0		2		0	0			
TRAPPER CREEK RM 91.5 TRM 0.0	02A		0		4		0	1	0		
TALKEETNA RIVER RM 97.0 TRM 0.0	02A		1		0		0	0	0		
MAINSTEM-RIVER MILE 99.6 TO 100.0	02A		0				1	0	0		
MAINSTEM-RIVER MILE 100.1 TO 100.5	02A		1					0	0		
	010									1	0
MAINSTEM-RIVER MILE 101.1 TO 101.5	02A				1			0			
	010										1
MAINSTEM-RIVER MILE 101.6 TO 102.0	02A		0				0	1	1		
	010									2	0
MAINSTEM-RIVER MILE 102.1 TO 102.5	010						7		8	1	1

Appendix Table 3-A-24. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 102.6 TO 103.0	02A		0		2		1	1	1		
	010									2	
MAINSTEM-RIVER MILE 105.1 TO 105.5	010								0	1	
MAINSTEM-RIVER MILE 106.1 TO 106.5	02A							0	1		
MAINSTEM-RIVER MILE 107.6 TO 108.0	010									9	
MAINSTEM-RIVER MILE 110.1 TO 110.5	02A							1	0		
MAINSTEM-RIVER MILE 111.1 TO 111.5	010		1								
MAINSTEM-RIVER MILE 111.6 TO 112.0	02A		0		1			0			
MAINSTEM-RIVER MILE 113.1 TO 113.5	02A				2						
MAINSTEM-RIVER MILE 114.1 TO 114.5	02A		1		2			0	0		
UPPER MCKENZIE CREEK RM 116.7 TRM 0.0	02A			1		3			0	0	
MAINSTEM-RIVER MILE 120.6 TO 121.0	02A			0		1		0	0		
	010		2	2	2						
MAINSTEM-RIVER MILE 123.1 TO 123.5	02A							1			
MAINSTEM-RIVER MILE 123.6 TO 124.0	010								3	0	

Appendix Table 3-A-24. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
5TH OF JULY CREEK RM 123.7 TRM 0.0	02A			1		0	1	0	0		
SKULL CREEK RM 124.7 TRM 0.0	02A			2		0	1	0	2	0	
MAINSTEM-RIVER MILE 126.6 TO 127.0	010								3	0	
MAINSTEM-RIVER MILE 127.6 TO 128.0	02A						0	1	0		
MAINSTEM-RIVER MILE 129.1 TO 129.5	010									5	
MAINSTEM-RIVER MILE 130.1 TO 130.5	010									1	
MAINSTEM-RIVER MILE 130.6 TO 131.0	02A			1							
	010							4		3	
SHERMAN CREEK RM 130.8 TRM 0.0	02A			0		1	0	0	0		
MAINSTEM-RIVER MILE 131.1 TO 131.5	02A							0	1		
MAINSTEM-RIVER MILE 133.6 TO 134.0	010		0							5	
SLOUGH 10 RM 133.8 TRM 0.0	02A			1			0	0		0	
MAINSTEM-RIVER MILE 135.1 TO 135.5	02A			0			0	0	2		
	010									5	
MAINSTEM-RIVER MILE 135.6 TO 136.0	02A			1				0			

Appendix Table 3-A-24. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
	010									2	
MAINSTEM-RIVER MILE 136.1 TO 136.5	02A							1			
MAINSTEM-RIVER MILE 136.6 TO 137.0	02A			1			0	0	0		
	010						7	4			
	005						1				
MAINSTEM-RIVER MILE 137.1 TO 137.5	05B							1			
MAINSTEM-RIVER MILE 139.1 TO 139.5	010								5	0	
MAINSTEM-RIVER MILE 142.6 TO 143.0	02A							1			
MAINSTEM-RIVER MILE 143.1 TO 143.5	02A			1			0		0		
MAINSTEM-RIVER MILE 144.1 TO 144.5	010		3	1	4						
JACK LONG CREEK RM 144.5 TRM 0.0	02A					0	0	3	0	1	
MAINSTEM-RIVER MILE 147.6 TO 148.0	02A			0			0	2	0		
MAINSTEM-RIVER MILE 150.1 TO 150.5	02A			2			1	0	1	0	

Appendix Table 3-A-25. Burbot catch per unit effort (CPUE) at Selected Fish Habitat (SFH) sites in the Susitna River below Devil Canyon by gear type, May through October, 1982. Units are hours for gear 009, minutes for gears 002 and 02A, and units of gear fished for all other gear types.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 25.6 TO 26.0	02A							<.05	0.0		
MAINSTEM-RIVER MILE 28.1 TO 28.5	02A							0.0	.2		
MAINSTEM-RIVER MILE 29.1 TO 29.5	02A						.1		0.0		
MAINSTEM-RIVER MILE 31.1 TO 31.5	02A						0.0	<.05	<.05		
MAINSTEM-RIVER MILE 31.6 TO 32.0	02A						0.0	<.05	0.0		
WHITSOL LAKE SLOUGH RM 35.2 TRM 0.0	02A					.1					
MAINSTEM-RIVER MILE 36.1 TO 36.5	02A					.1	0.0	0.0	<.05		
MAINSTEM-RIVER MILE 37.1 TO 37.5	02A						0.0	<.05			
KROTO SLOUGH-TRIBUTARY RM 38.5 TRM 0.0	02A					.1					
ROLLY CREEK RM 39.0 TRM .3	02A					.2					
MAINSTEM-RIVER MILE 40.6 TO 41.0	02A					.1			0.0		
DESHKA RIVER RM 40.6 TRM .3	02A					<.05					

Appendix Table 3-A-25. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 43.6 TO 44.0	02A							.1	.05		
MAINSTEM-RIVER MILE 44.6 TO 45.0	02A					.1	0.0		.1		
MAINSTEM-RIVER MILE 50.1 TO 50.5	02A					0.0	0.0		.1		
MAINSTEM-RIVER MILE 51.6 TO 52.0	02A							.1			
MAINSTEM-RIVER MILE 54.1 TO 54.5	02A							.1	0.0		
GRAY'S CREEK RM 59.5 TRM 0.0	02A					.1					
MAINSTEM-RIVER MILE 60.1 TO 60.5	02A	<.05						0.0			
MAINSTEM-RIVER MILE 61.1 TO 61.5	02A						0.0	.1	0.0		
CASWELL CREEK RM 63.0 TRM 0.0	02A							.1	0.0		
MAINSTEM-RIVER MILE 65.6 TO 66.0	02A				.2		0.0	0.0	0.0		
MAINSTEM-RIVER MILE 71.1 TO 71.5	02A						.1	0.0	0.0		
MAINSTEM-RIVER MILE 75.6 TO 76.0	02A						0.0	0.0	<.05		
MAINSTEM-RIVER MILE 78.6 TO 79.0	02A	<.05	0.0		0.0		0.0	0.0	0.0		
MAINSTEM-RIVER MILE 79.1 TO 79.5	02A		<.05		0.0			0.0			
MAINSTEM-RIVER MILE 82.6 TO 83.0	02A						0.0	<.05	0.0		

Appendix Table 3-A-25. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 83.1 TO 83.5	02A						0.0	.1	0.0		
MAINSTEM-RIVER MILE 84.6 TO 85.0	010										.3
	05B										5.0
MAINSTEM-RIVER MILE 85.6 TO 86.0	02A		0.0		<.05		0.0	0.0	.1		
MAINSTEM-RIVER MILE 86.1 TO 86.5	02A						<.05	0.0	0.0		
BEAVER POND RM 86.3 TRM 0.0	02A		0.0		.1		0.0	0.0			
KRAPI ER CREEK RM 91.5 TRM 0.0	02A		0.0		.2		0.0	.1	0.0		
ALKEETNA RIVER RM 97.0 TRM 0.0	02A		<.05		0.0		0.0	0.0	0.0		
AINSTEM-RIVER MILE 99.6 TO 100.0	02A		0.0				<.05	0.0	0.0		
AINSTEM-RIVER MILE 100.1 TO 100.5	02A		<.05					0.0	0.0		
	010									.3	0.0
AINSTEM-RIVER MILE 101.1 TO 101.5	02A				<.05			0.0			
	010										.5
AINSTEM-RIVER MILE 101.6 TO 102.0	02A		0.0				0.0	<.05	<.05		
	010									.7	0.0
AINSTEM-RIVER MILE 102.1 TO 102.5	010						3.5		1.3	.5	.3

Appendix Table 3-A-25. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 102.6 TO 103.0	02A		0.0		.1		<.05	<.05	<.05		
	010									1.0	
MAINSTEM-RIVER MILE 105.1 TO 105.5	010								0.0	.5	
MAINSTEM-RIVER MILE 106.1 TO 106.5	02A							0.0	.1		
MAINSTEM-RIVER MILE 107.6 TO 108.0	010									3.0	
MAINSTEM-RIVER MILE 110.1 TO 110.5	02A							<.05	0.0		
MAINSTEM-RIVER MILE 111.1 TO 111.5	010		.5								
MAINSTEM-RIVER MILE 111.6 TO 112.0	02A		0.0		<.05			0.0			
MAINSTEM-RIVER MILE 113.1 TO 113.5	02A				.1						
MAINSTEM-RIVER MILE 114.1 TO 114.5	02A		<.05		.1			0.0	0.0		
UPPER MCKENZIE CREEK RM 116.7 TRM 0.0	02A			.2		.8			0.0	0.0	
MAINSTEM-RIVER MILE 120.6 TO 121.0	02A			0.0		.1		0.0	0.0		
	010		1.0	1.0	1.0						
MAINSTEM-RIVER MILE 123.1 TO 123.5	02A							.1			
MAINSTEM-RIVER MILE 123.6 TO 124.0	010								1.0	0.0	

Appendix Table 3-A-25. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
5TH OF JULY CREEK RM 123.7 TRM 0.0	02A			.2		0.0	.6	0.0	0.0		
SKULL CREEK RM 124.7 TRM 0.0	02A			<.05		0.0	.1	0.0	.2	0.0	
MAINSTEM-RIVER MILE 126.6 TO 127.0	010								1.0	0.0	
MAINSTEM-RIVER MILE 127.6 TO 128.0	02A						0.0	.2	0.0		
MAINSTEM-RIVER MILE 129.1 TO 129.5	010									1.7	
MAINSTEM-RIVER MILE 130.1 TO 130.5	010									.5	
MAINSTEM-RIVER MILE 130.6 TO 131.0	02A			.1							
	010							1.3		.5	
SHERMAN CREEK RM 130.8 TRM 0.0	02A			0.0		.1	0.0	0.0	0.0		
MAINSTEM-RIVER MILE 131.1 TO 131.5	02A							0.0	.1		
MAINSTEM-RIVER MILE 133.6 TO 134.0	010		0.0							.8	
SLOUGH 10 RM 133.8 TRM 0.0	02A			<.05			0.0	0.0		0.0	
MAINSTEM-RIVER MILE 135.1 TO 135.5	02A			0.0			0.0	0.0	.1		
	010									1.7	
MAINSTEM-RIVER MILE 135.6 TO 136.0	02A			.1				0.0			

Appendix Table 3-A-25. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
	010									.7	
MAINSTEM-RIVER MILE 136.1 TO 136.5	02A							.1			
MAINSTEM-RIVER MILE 136.6 TO 137.0	02A			<.05			0.0		0.0		
	010						1.4	.8			
	005						1.0				
MAINSTEM-RIVER MILE 137.1 TO 137.5	05B							1.0			
MAINSTEM-RIVER MILE 139.1 TO 139.5	010								1.7	0.0	
MAINSTEM-RIVER MILE 142.6 TO 143.0	02A							<.05			
MAINSTEM-RIVER MILE 143.1 TO 143.5	02A			.1			0.0		0.0		
MAINSTEM-RIVER MILE 144.1 TO 144.5	010		1.5	.3	2.0						
JACK LONG CREEK RM 144.5 TRM 0.0	02A					0.0	0.0	.2		<.05	
MAINSTEM-RIVER MILE 147.6 TO 148.0	02A			0.0			0.0	.1	0.0		
MAINSTEM-RIVER MILE 150.1 TO 150.5	02A			.1			.1	0.0	.1	0.0	

Appendix Table 3-A-26. Burbot catches at fishwheels located on the Susitna River by two week sampling period, June through September, 1982.

Site	River Mile	Catch								
		June 1-15	June 16-30	July 1-15	July 16-31	August 1-15	August 16-31	September 1-15	September 16-30	Total
Yentna Station (TRM 6.0)	27.5	-	0	0	2	1	2	2	-	7
Sunshine Station	79.0	0	0	0	0	0	0	0	3	3
Talkeetna Station	103.0	0	0	0	0	0	0	0	-	0
Curry Station	120.0	0	0	0	0	0	0	1	0	1
TOTAL		0	0	0	2	1	2	3	3	11

- = No effort.

Appendix Table 3-A-27. Adult burbot recaptured in the Susitna River below Devil Canyon, 1982.

Tag Number	Date Tagged	Date Recovered	Number of Days Between	Tagging Location	Recovery Location	Movement (Miles)
				Tagged in 1981, recovered in 1982		
1936	091281	091482	347	Alexander Creek Site B (R.M. 10.1, TRM 2.0)	Mainstem-Sunshine (R.M. 79.0)	-2.0+68.9
				Tagged above the Chulitna River (R.M. 98.5) confluence in 1982		
1223	061082	081882	69	Slough 9 (R.M. 129.2)	Sherman Creek (R.M. 130.8)	+1.6
13210	091882	092382	5	Burbot Slough (R.M. 135.4)	Mainstem-Gold Creek (R.M. 136.8)	+1.4
				Tagged below the Chulitna River (R.M. 98.5) confluence in 1982		
8809	071182	082582	45	Whitefish Slough (R.M. 78.7)	same	0

+ = Moved upstream.
- = Moved downstream.

Appendix Table 3-A-28 Relative spawning maturity of burbot captured in the Susitna River between Cook Inlet and Devil Canyon, September 1981 to September 1982.

Condition of Gonads	Length	Age	Date Captured	Area of Capture	River Mile
Sex - Male	310	-	9/14	Birch Ck	88.5
ripe	375	5	9/13	Birch Ck	89.2
ripe	400	3	9/14	Mainstem #1	84.0
ripe	425	5	9/28	Mainstem	31.0
ripe	510	5	9/24	Lane Ck	113.6
immature	520	4	9/20	Mainstem #1	84.0
ripe	553	8	9/13	Sunshine Ck	85.7
ripe	575	-	9/12	Mainstem #2	114.5
ripe	588	-	9/11	Slough 6A	112.5
ripe	600	7	9/13	Birch Ck Sl	88.5
ripe	600	6	9/24	Mainstem #2	114.5
ripe	620	11	9/12	Mainstem #2	114.5
ripe	680	9	9/14	Birch Ck Sl.	88.5
ripe	740	12	9/14	Mainstem #1	84.0
immature	450	3	2/10	Mainstem #1	84.0
spent	450	5	2/6	Deshka R.	40.6
spent	538	7	3/4	Mainstem #1	84.0
Sex-Female					
ripe	330	-	9/11	Slough 6A	112.5
immature	365	5	9/13	Birch Ck	89.2

Appendix Table 3-A-28 (Continued)

Condition of Gonads	Length	Age	Date Captured	Area of Capture	River Mile
ripe	390	-	9/12	Mainstem #2	114.2
ripe	400	-	10/5	Mainstem #1	84.0
ripe	412	4	9/28	Mainstem	31.0
ripe	430	-	9/30	Deshka R	40.6
ripe	470	6	9/28	Mainstem	31.0
ripe	493	8	9/20	Sunshine Ck.	85.7
ripe	600	7	10/1	Deshka R.	40.6
ripe	900	13	9/13	Birch Ck. Sl.	88.5
spent	425	7	2/6	Deshka R.	40.6
spent	435	4	2/21	Mainstem	53.5
spent	445	5	2/6	Deshka R.	40.6
spent	468	4	3/19	Mainstem	82.0
spent	470	5	3/7	Mainstem	68.5
spent	480	4	2/6	Deshka R.	40.6
spent	490	4	3/9	Mainstem	82.0
spent	530	5	2/6	Deshka R.	40.6
spent	550	7	3/9	Mainstem	82.0
spent	710	6	3/9	Mainstem	82.0
spent	715	8	3/9	Mainstem	82.0
Sex-Immature					
immature	105	0	9/11	Alexander Ck.	10.1

Appendix Table 3-A-28 (Continued)

Condition of Gonads	Length	Age	Date Captured	Area of Capture	River Mile
immature	115	0	9/13	Alexander Ck.	10.1
immature	168	1	9/12	Alexander Ck.	10.1
immature	180	1	9/13	Alexander Ck.	10.1
immature	185	1	9/15	Deshka R.	40.6
immature	200	1	9/12	Alexander Ck.	10.1
immature	205	1	9/15	Deshka R.	40.6

- indicates unknown or no data available

Appendix Table 3-A-29. Round whitefish catch at Designated Fish Habitat (DFH) sites in the Susitna River between Goose Creek 2 and Portage Creek by gear type, May through October, 1982.

LOCATION	RIVER MILE	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
GOOSE CREEK 2 AND SIDE CHANNEL	73.1	002			7		0			0		
		003		1	0	22	1	8	8	1	2	
		02A		2		16		0	0	5		
WHITEFISH SLOUGH	78.7	003					0	0	0	1	0	
		02A		1		0		0	0	0		
		001				2						
RABIDEUX CREEK AND SLOUGH	83.1	003			8				0	0	0	
		02A	1			3		0	5	0		
SUNSHINE CREEK AND SIDE CHANNEL	85.7	003		0		0		0	3			
		02A	6	0		0		0	1	0		
BIRCH CREEK AND SLOUGH	88.4	002		2	0		0			0	0	
		02A	4	14		2		0	0	0		
WHISKERS CREEK AND SLOUGH	101.2	002								1	1	
		003		0		0		2	1	2	0	
		02A	8	8		8		1	2	4	0	
SLOUGH 6A	112.3	002								3		
		003		7	3	8	21		4	13	0	
		02A		1		22					0	
LANE CREEK AND SLOUGH 8	113.6	005		0	0	0	0	1	0	0	0	
		002				0	7	0		2	3	
		003		0	0	0	0		3	1	2	
		02A		3	7	2	0	5	3	8	5	

Appendix Table 3-A-29. Continued.

LOCATION	RIVER MILE	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
LANE CREEK AND SLOUGH 8	113.6	011			0				1			
SLOUGH 8A	125.3	003		0	0	7	10	0	2		0	
		02A			7		0	0	5	1	0	
		011				1				0	0	
		001		2	17							
SLOUGH 9	129.2	002				17		0		0	0	
		003		0	18	37	17		2	0	0	
		02A					3					
4TH OF JULY CREEK--MOUTH	131.1	002				4		9		5		
		003			0		13		0		0	
		02A			34		7	5	0	3	3	
SLOUGH 11	135.3	02A			19		0			2		
		001		2								
INDIAN RIVER--MOUTH	138.6	002			0	1						
		003						1	1	1		
		02A			34		7	1	6	2	46	
SLOUGH 19	140.0	002			0	4			3	2		
		003			0	0	3	1			1	
		02A			2							
SLOUGH 20	140.1	002			0	0		2		1		
		003			0		6		1		0	0
		02A					1	3	0	2	6	
SLOUGH 21	142.0	002			0	7			0	8		

Appendix Table 3-A-29. Continued.

LOCATION	RIVER MILE	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
SLOUGH 21	142.0	003			0		2	0			5	
		02A			2		8					
PORTAGE CREEK-MOUTH	148.8	02A			103		9	12	28	10	39	

Appendix Table 3-A-30. Round whitefish catch per unit effort (CPUE) at Designated Fish Habitat (DFH) sites in the Susitna River between Goose Creek 2 and Portage Creek by gear type, May through October, 1982. Units are hours for gear 009, minutes for gears 002 and 02A, and units of gear fished for all other gear types.

LOCATION	RIVER MILE	GEAR TYPE	MAY 16-30	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
GOOSE CREEK 2 AND SIDE CHANNEL	73.1	002			1.4		0.0			0.0		
		003		.3	0.0	7.3	.3	4.0	8..			
		02A		.1		1.4		0.0	0.0	1.0		
WHITEFISH SLOUGH	78.7	003					0.0	0.0	0.0	1.0	0.0	
		02A		.1		0.0		0.0	0.0	0.0		
		001				2.0						
RABIDEUX CREEK AND SLOUGH	83.1	003			4.0				0.0	0.0	0.0	
		02A	.1			<.05		0.0	.3	0.0		
SUNSHINE CREEK AND SIDE CHANNEL	85.7	003		0.0		0.0		0.0	1.5			
		02A	.2	0.0		0.0		0.0	<.05	0.0		
BIRCH CREEK AND SLOUGH	88.4	002		.2	0.0					0.0		
		02A	.2	.3		.1		0.0	0.0	0.0		
WHISKERS CREEK AND SLOUGH	101.2	002								.1	.1	
		003		0.0		0.0		1.0	.3	2.0	0.0	
		02A	.4	.1		.4		<.05	.1	.3	0.0	
SLOUGH 6A	112.3	002								.3		
		003		7.0	3.0	8.0	10.5		2.0	13.0	0.0	
		02A		.1		.9					0.0	
LANE CREEK AND SLOUGH 8	113.6	005		0.0	0.0	0.0	0.0	<.05	0.0	0.0	0.0	
		002				0.0	1.8	0.0		.1	.4	
		003		0.0	0.0	0.0	0.0		3.0	1.0	2.0	

Appendix Table 3-A-30. Continued.

LOCATION	RIVER MILE	GEAR TYPE	MAY 16-30	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
LANE CREEK AND SLOUGH 8	113.6	02A		.2	.2	.2	0.0	.4	.4	.3	.3	
		011			0.0				1.0			
SLOUGH 8A	125.3	003		0.0	0.0	3.5	5.0	0.0	1.0		0.0	
		02A			.3		0.0	0.0	.6	.1	0.0	
		011				.5				0.0	0.0	
		001		1.0	8.5							
SLOUGH 9	129.2	002				2.3		0.0		0.0	0.0	
		003		0.0	6.0	37.0	17.0		1.0	0.0	0.0	
		02A					.2					
4TH OF JULY CREEK-MOUTH	131.1	002				1.3		.2		.3		
		003			0.0		13.0		0.0		0.0	
		02A			1.3		.4	.5	0.0	.1	.1	
SLOUGH 11	135.3	02A			.7		0.0			.2		
		001		1.0								
INDIAN RIVER-MOUTH	138.6	002			0.0	1.2						
		003						1.0	1.0	1.0		
		02A			.9		.5	.1	.3	.4	.6	
SLOUGH 19	140.0	002			0.0	2.3			.9	.8		
		003			0.0	0.0	1.5	1.0			1.0	
		02A			.2							
SLOUGH 20	140.1	002			0.0	0.0		1.6		.3		
		003			0.0		2.0		1.0		0.0	0.0
		02A					.1	.4	0.0	.2	.5	

Appendix Table 3-A-30. Continued.

LOCATION	RIVER MILE	GEAR TYPE	MAY 16-30	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
SLOUGH 21	142.0	002			0.0	1.2			0.0	.4		
		003			0.0		2.0	0.0			2.5	
		02A			.2		.4					
PORTAGE CREEK-MOUTH	148.8	02A			4.6		.4	.7	.9	.4	1.9	

Appendix Table 3-A-31. Round whitefish catch at Selected Fish Habitat (SFH) sites in the Susitna River below Devil Canyon, May through October, 1982.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 14.6 TO 15.0	02A								1		
MAINSTEM-RIVER MILE 19.6 TO 20.0	02A								3		
MAINSTEM-RIVER MILE 21.1 TO 21.5	02A								2		
MAINSTEM-RIVER MILE 22.6 TO 23.0	02A							0	1		
MAINSTEM-RIVER MILE 23.1 TO 23.5	02A							2			
MAINSTEM-RIVER MILE 24.1 TO 24.5	02A								1		
MAINSTEM-RIVER MILE 24.6 TO 25.0	02A							0	2		
MAINSTEM-RIVER MILE 25.6 TO 26.0	02A							1	0		
MAINSTEM-RIVER MILE 27.6 TO 28.0	02A						1	0			
MAINSTEM-RIVER MILE 29.1 TO 29.5	02A						1		0		
MAINSTEM-RIVER MILE 31.1 TO 31.5	02A						0	2	0		
MAINSTEM-RIVER MILE 31.6 TO 32.0	02A						0	1	0		
MAINSTEM-RIVER MILE 35.6 TO 36.0	02A						0		1		
MAINSTEM-RIVER MILE 36.1 TO 36.5	02A					0	0	0	2		
KROTO SLOUGH-TRIBUTARY RM 38.5 TRM 0.0	02A					1					

Appendix Table 3-A-31. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 39.1 TO 39.5	02A						0	0	1		
ROLLY CREEK RM 39.0 TRM .3	02A					2					
MAINSTEM-RIVER MILE 41.1 TO 41.5	02A								1		
MAINSTEMSTEMER MILE 43.1 TO 43.5	02A						0	0	2		
MAINSTEM-RIVER MILE 44.1 TO 44.5	02A						0	1	2		
MAINSTEM-RIVER MILE 45.1 TO 45.5	02A						0	1	1		
MAINSTEM-RIVER MILE 45.6 TO 46.0	02A						0	1	0		
MAINSTEM-RIVER MILE 49.1 TO 49.5	02A						0	0	1		
MAINSTEM-RIVER MILE 49.6 TO 50.0	02A						0	0	1		
MAINSTEM-RIVER MILE 50.1 TO 50.5	02A					0	0		1		
LITTLE WILLOW CREEK RM 50.5 TRM 0.0	02A			8		0					
MAINSTEM-RIVER MILE 52.1 TO 52.5	02A							0	2		
MAINSTEM-RIVER MILE 52.6 TO 53.0	02A					0			2		
MAINSTEM-RIVER MILE 53.1 TO 53.5	02A						0	1	3		

Appendix Table 3-A-31. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 54.6 TO 55.0	02A							0	1		
MAINSTEM-RIVER MILE 57.1 TO 57.5	02A			1				0			
MAINSTEM-RIVER MILE 57.6 TO 58.0	02A					5		0			
MAINSTEM-RIVER MILE 59.1 TO 59.5	02A		1					0			
GRAY'S CREEK RM 59.5 TRM .3	02A			4							
MAINSTEM-RIVER MILE 60.1 TO 60.5	02A	6						0			
MAINSTEM-RIVER MILE 61.1 TO 61.5	02A						0	2	1		
KASHWITNA RIVER RM 61.0 TRM .1	02A		3				1				
CASWELL CREEK RM 63.0 TRM 0.0	02A							1	0		
SHEEP CREEK SLOUGH RM 66.1 TRM 0.0	02A				0		1	0			
MAINSTEM-RIVER MILE 66.6 TO 67.0	02A						0	1			
MAINSTEM-RIVER MILE 68.1 TO 68.5	02A				0		0	0	1		
MAINSTEM-RIVER MILE 70.6 TO 71.0	02A							1			
MAINSTEM-RIVER MILE 71.1 TO 71.5	02A						0	0	3		

Appendix Table 3-A-31. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 71.6 TO 72.0	02A						0	1	2		
MAINSTEM-RIVER MILE 72.1 TO 72.5	02A						0	0	3		
GOOSE CREEK 1 RM 72.0 TRM 0.0	02A		3								
GOOSE CREEK 1 RM 72.0 TRM .5	02A		3								
MAINSTEM-RIVER MILE 73.6 TO 74.0	02A							1	0		
MAINSTEM-RIVER MILE 74.6 TO 75.0	02A		0				0		2		
MAINSTEM-RIVER MILE 75.6 TO 76.0	02A						0	0	1		
MAINSTEM-RIVER MILE 77.6 TO 78.0	02A								1		
MONTANA CREEK RM 77.0 TRM 0.0	02A	0	1						3		
MAINSTEM-RIVER MILE 78.6 TO 79.0	02A	6	0		2		0	1	2		
MAINSTEM-RIVER MILE 79.6 TO 80.0	02A	1	0		0		0	0	3		
MAINSTEM-RIVER MILE 81.6 TO 82.0	02A							2	0		
MAINSTEM-RIVER MILE 85.6 TO 86.0	02A		0		0		0	1	2		
MAINSTEM-RIVER MILE 86.1 TO 86.5	02A						0	0	3		

Appendix Table 3-A-31. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
BEAVER POND RM 86.3 TRM 0.0	02A		6		0		1	0			
MAINSTEM-RIVER MILE 86.6 TO 87.0	02A							2			
MAINSTEM-RIVER MILE 87.6 TO 88.0	02A		1				0	1	0		
MAINSTEM-RIVER MILE 92.1 TO 92.5	02A						0	0	2		
MAINSTEM-RIVER MILE 93.6 TO 94.0	02A		0		1		0		0		
MAINSTEM-RIVER MILE 95.1 TO 95.5	02A		0		3		0		0		
BILLION SLOUGH RM 97.9 TRM 0.0	02A				1		0	1			
TALKEETNA RIVER RM 97.0 TRM 0.0	02A		24		0		0	0	0		
MAINSTEM-RIVER MILE 99.6 TO 100.0	02A		9				0	0	0		
SLOUGH 1 RM 99.6 TRM 0.0	02A				0		2	0			
MAINSTEM-RIVER MILE 100.1 TO 100.5	02A		3					0	8		
MAINSTEM-RIVER MILE 101.1 TO 101.5	02A				1			0			
MAINSTEM-RIVER MILE 101.6 TO 102.0	02A		1				0	2	3		

Appendix Table 3-A-31. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 102.6 TO 103.0	02A		1		0		0	0	4		
MAINSTEM-RIVER MILE 105.1 TO 105.5	02A							0	1		
MAINSTEM-RIVER MILE 110.6 TO 111.0	02A				1						
MAINSTEM-RIVER MILE 111.1 TO 111.5	002					20					
	003		1	0							
MAINSTEM-RIVER MILE 111.6 TO 112.0	02A		7		0			0			
MAINSTEM-RIVER MILE 114.1 TO 114.5	02A		2		0			0	0		
MAINSTEM-RIVER MILE 115.6 TO 116.0	02A								8		
MAINSTEM-RIVER MILE 116.6 TO 117.0	02A							1			
UPPER MCKENZIE CREEK RM 116.7 TRM 0.0	02A			1		0			0	1	
MAINSTEM-RIVER MILE 120.6 TO 121.0	02A			0		1		0	1		
	003		1	4	0	14					
SLOUGH 8D RM 121.8 TRM 0.0	02A			0		1					
MAINSTEM-RIVER MILE 123.6 TO 124.0	02A							0	2		
5TH OF JULY CREEK RM 123.7 TRM 0.0	02A			0		1	2	8	0		

Appendix Table 3-A-31. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
SLOUGH-EAST BANK RM 123.6 TRM 0.0	02A						2				
SKULL CREEK RM 124.7 TRM 0.0	02A			13		4	10	0	1	3	
MAINSTEM-RIVER MILE 126.1 TO 126.5	02A							1	0		
MAINSTEM-RIVER MILE 127.6 TO 128.0	02A						2	1	0		
MAINSTEM-RIVER MILE 129.1 TO 129.5	02A			4				0	1		
MAINSTEM-RIVER MILE 130.1 TO 130.5	02A						0	0	1		
MAINSTEM-RIVER MILE 130.6 TO 131.0	02A			7							
SHERMAN CREEK RM 130.8 TRM 0.0	02A			4		0	0	0	0		
MAINSTEM-RIVER MILE 131.1 TO 131.5	02A							2	2		
MAINSTEM-RIVER MILE 132.1 TO 132.5	02A						3		0		
SLOUGH 10 RM 133.8 TRM 0.0	02A			8			0	0		0	
MAINSTEM-RIVER MILE 134.1 TO 134.5	02A						0	2	0		
MAINSTEM-RIVER MILE 135.1 TO 135.5	02A			5			0	0	3		
MAINSTEM-RIVER MILE 135.6 TO 136.0	02A			1				0			

Appendix Table 3-A-31. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
SLOUGH 13 RM 135.7 TRM 0.0	02A					2	1				
SLOUGH 14 RM 135.9 TRM 0.0	02A			10		2					
MAINSTEM-RIVER MILE 136.1 TO 136.5	02A							1			
MAINSTEM-RIVER MILE 136.6 TO 137.0	02A			0			1	0	1		
SLOUGH 15 RM 137.2 TRM 0.0	02A			7		2	4	0	1		
MAINSTEM-RIVER MILE 137.6 TO 138.0	02A								1		
SLOUGH 16 RM 137.7 TRM 0.0	02A			7		0					
MAINSTEM-RIVER MILE 138.1 TO 138.5	02A			10			4	1			
SLOUGH 17 RM 138.9 TRM 0.0	02A			3		2					
MAINSTEM-RIVER MILE 139.1 TO 139.5	02A							0	12		
	05B								1		
MAINSTEM-RIVER MILE 141.1 TO 141.5	02A			1							
MAINSTEM-RIVER MILE 142.6 TO 143.0	02A							5			

Appendix Table 3-A-31. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 144.1 TO 144.5	002			0	2						
JACK LONG CREEK RM 144.5 TRM 0.0	02A					8	14	20	2	16	
MAINSTEM-RIVER MILE 145.1 TO 145.5	02A							0	3		
MAINSTEM-RIVER MILE 145.6 TO 146.0	02A			21			0				
MAINSTEM-RIVER MILE 147.6 TO 148.0	02A			7			1	15	0		
MAINSTEM-RIVER MILE 148.1 TO 148.5	02A							1	3		
MAINSTEM-RIVER MILE 150.1 TO 150.5	02A			39			1	0	0	1	

Appendix Table 3-A-32. Round whitefish catch per unit effort (CPUE) at Selected Fish Habitat (SFH) sites in the Susitna River below Devil Canyon by gear type, May through October, 1982. Units are hours for gear 009, minutes for gears 002 and 02A, and units of gear fished for all other gear types.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 14.6 TO 15.0	02A								.1		
MAINSTEM-RIVER MILE 19.6 TO 20.0	02A								.1		
MAINSTEM-RIVER MILE 21.1 TO 21.5	02A								.1		
MAINSTEM-RIVER MILE 22.6 TO 23.0	02A							0.0	.1		
MAINSTEM-RIVER MILE 23.1 TO 23.5	02A							.1			
MAINSTEM-RIVER MILE 24.1 TO 24.5	02A								.3		
MAINSTEM-RIVER MILE 24.6 TO 25.0	02A							0.0	.1		
MAINSTEM-RIVER MILE 25.6 TO 26.0	02A							<.05	0.0		
MAINSTEM-RIVER MILE 27.6 TO 28.0	02A						.1	0.0			
MAINSTEM-RIVER MILE 29.1 TO 29.5	02A						.1		0.0		
MAINSTEM-RIVER MILE 31.1 TO 31.5	02A						0.0	<.05	0.0		
MAINSTEM-RIVER MILE 31.6 TO 32.0	02A						0.0	<.05	0.0		
MAINSTEM-RIVER MILE 35.6 TO 36.0	02A						0.0		<.05		
MAINSTEM-RIVER MILE 36.1 TO 36.5	02A					0.0	0.0	0.0	.1		

Appendix Table 3-A-32. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
KROTO SLOUGH-TRIBUTARY RM 38.5 TRM 0.0	02A					<.05					
MAINSTEM-RIVER MILE 39.1 TO 39.5	02A						0.0	0.0	<.05		
ROLLY CREEK RM 39.0 TRM .3	02A					.1					
MAINSTEM-RIVER MILE 43.1 TO 43.5	02A						0.0	0.0	.1		
MAINSTEM-RIVER MILE 44.1 TO 44.5	02A						0.0	.1	.2		
MAINSTEM-RIVER MILE 45.1 TO 45.5	02A						0.0	.1	.1		
MAINSTEM-RIVER MILE 45.6 TO 46.0	02A						0.0	<.05	0.0		
MAINSTEM-RIVER MILE 49.1 TO 49.5	02A						0.0	0.0	.1		
MAINSTEM-RIVER MILE 49.6 TO 50.0	02A						0.0	0.0	.1		
MAINSTEM-RIVER MILE 50.1 TO 50.5	02A					0.0	0.0		.1		
LITTLE WILLOW CREEK RM 50.5 TRM 0.0	02A			.4		0.0					
MAINSTEM-RIVER MILE 52.1 TO 52.5	02A							0.0	.2		
MAINSTEM-RIVER MILE 52.6 TO 53.0	02A					0.0			.1		
MAINSTEM-RIVER MILE 53.1 TO 53.5	02A						0.0	.1	.2		

Appendix Table 3-A-32. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 57.1 TO 57.5	02A			<.05				0.0			
MAINSTEM-RIVER MILE 57.6 TO 58.0	02A					.2		0.0			
MAINSTEM-RIVER MILE 59.1 TO 59.5	02A		.1					0.0			
GRAY'S CREEK RM 59.5 TRM .3	02A			.2							
MAINSTEM-RIVER MILE 60.1 TO 60.5	02A	.1						0.0			
MAINSTEM-RIVER MILE 61.1 TO 61.5	02A						0.0	.2	.1		
KASHWITNA RIVER RM 61.0 TRM .1	02A		.2				.3				
CASWELL CREEK RM 63.0 TRM 0.0	02A							.1	0.0		
SHEEP CREEK SLOUGH RM 66.1 TRM 0.0	02A				0.0		.1	0.0			
MAINSTEM-RIVER MILE 66.6 TO 67.0	02A						0.0	.1			
MAINSTEM-RIVER MILE 68.1 TO 68.5	02A				0.0		0.0	0.0	<.05		
MAINSTEM-RIVER MILE 70.6 TO 71.0	02A							<.05			
MAINSTEM-RIVER MILE 71.1 TO 71.5	02A						0.0	0.0	.1		
MAINSTEM-RIVER MILE 71.6 TO 72.0	02A						0.0	<.05	<.05		

Appendix Table 3-A-32. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 72.1 TO 72.5	02A						0.0	0.0	.1		
GOOSE CREEK 1 RM 72.0 TRM 0.0	02A		.2								
GOOSE CREEK 1 RM 72.0 TRM .5	02A		.2								
MAINSTEM-RIVER MILE 73.6 TO 74.0	02A							<.05	0.0		
MAINSTEM-RIVER MILE 74.6 TO 75.0	02A		0.0				0.0		<.05		
MAINSTEM-RIVER MILE 75.6 TO 76.0	02A						0.0	0.0	<.05		
MAINSTEM-RIVER MILE 77.6 TO 78.0	02A								.1		
MONTANA CREEK RM 77.0 TRM 0.0	02A	0.0	<.05						.4		
MAINSTEM-RIVER MILE 78.6 TO 79.0	02A	.2	0.0		.1		0.0	<.05	<.05		
MAINSTEM-RIVER MILE 79.6 TO 80.0	02A	<.05	0.0		0.0		0.0	0.0	.1		
MAINSTEM-RIVER MILE 81.6 TO 82.0	02A							.1	0.0		
MAINSTEM-RIVER MILE 85.6 TO 86.0	02A		0.0		0.0		0.0	<.05	.1		
MAINSTEM-RIVER MILE 86.1 TO 86.5	02A						0.0	0.0	.1		

Appendix Table 3-A-32. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
BEAVER POND RM 86.3 TRM 0.0	02A		.3		0.0		<.05	0.0			
MAINSTEM-RIVER MILE 86.6 TO 87.0	02A							.1			
MAINSTEM-RIVER MILE 87.6 TO 88.0	02A		.1				0.0	<.05	0.0		
MAINSTEM-RIVER MILE 92.1 TO 92.5	02A						0.0	0.0	.2		
MAINSTEM-RIVER MILE 93.6 TO 94.0	02A		0.0		.1		0.0		0.0		
MAINSTEM-RIVER MILE 95.1 TO 95.5	02A		0.0		.1		0.0		0.0		
BILLION SLOUGH RM 97.9 TRM 0.0	02A				<.05		0.0	.1			
TALKEETNA RIVER RM 97.0 TRM 0.0	02A		.3		0.0		0.0	0.0	0.0		
MAINSTEM-RIVER MILE 99.6 TO 100.0	02A		.4				0.0	0.0	0.0		
SLOUGH 1 RM 99.6 TRM 0.0	02A				0.0		.2	0.0			
MAINSTEM-RIVER MILE 100.1 TO 100.5	02A		.1					0.0	.2		
MAINSTEM-RIVER MILE 101.1 TO 101.5	02A				<.05			0.0			
MAINSTEM-RIVER MILE 101.6 TO 102.0	02A		<.05				0.0	.1	.1		
MAINSTEM-RIVER MILE 102.6 TO 103.0	02A		.2		0.0		0.0	0.0	.1		

Appendix Table 3-A-32. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 105.1 TO 105.5	02A							0.0	<.05		
MAINSTEM-RIVER MILE 110.6 TO 111.0	02A				.1						
MAINSTEM-RIVER MILE 111.1 TO 111.5	002					4.0					
	003		.5	0.0							
MAINSTEM-RIVER MILE 111.6 TO 112.0	02A		.1		0.0			0.0			
MAINSTEM-RIVER MILE 114.1 TO 114.5	02A		.1		0.0			0.0	0.0		
MAINSTEM-RIVER MILE 115.6 TO 116.0	02A								.2		
MAINSTEM-RIVER MILE 116.6 TO 117.0	02A							.1			
UPPER MCKENZIE CREEK RM 116.7 TRM 0.0	02A			.2		0.0			0.0	.1	
MAINSTEM-RIVER MILE 120.6 TO 121.0	02A			0.0		.1		0.0	.1		
	003		.5	4.0	0.0	14.0					
SLOUGH 8D RM 121.8 TRM 0.0	02A			0.0		.1					
MAINSTEM-RIVER MILE 123.6 TO 124.0	02A							0.0	.4		
5TH OF JULY CREEK RM 123.7 TRM 0.0	02A			0.0		.1	1.2	1.3	0.0		

Appendix Table 3-A-32. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
SLOUGH-EAST BANK RM 123.6 TRM 0.0	02A						.2				
SKULL CREEK RM 124.7 TRM 0.0	02A			.1		.2	.9	0.0	.1	.5	
MAINSTEM-RIVER MILE 126.1 TO 126.5	02A							<.05	0.0		
MAINSTEM-RIVER MILE 127.6 TO 128.0	02A						.2	.2	0.0		
MAINSTEM-RIVER MILE 129.1 TO 129.5	02A			.1					.1		
MAINSTEM-RIVER MILE 130.1 TO 130.5	02A						0.0	0.0	.1		
MAINSTEM-RIVER MILE 130.6 TO 131.0	02A			.6							
SHERMAN CREEK RM 130.8 TRM 0.0	02A			.3		0.0	0.0	0.0	0.0		
MAINSTEM-RIVER MILE 131.1 TO 131.5	02A							.1	.2		
MAINSTEM-RIVER MILE 132.1 TO 132.5	02A						.4		0.0		
SLOUGH 10 RM 133.8 TRM 0.0	02A			.3			0.0	0.0		0.0	
MAINSTEM-RIVER MILE 134.1 TO 134.5	02A						0.0	.2	0.0		
MAINSTEM-RIVER MILE 135.1 TO 135.5	02A			.4			0.0	0.0	.1		
MAINSTEM-RIVER MILE 135.6 TO 136.0	02A			.1				0.0			

Appendix Table 3-A-32. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
SLOUGH 13 RM 135.7 TRM 0.0	02A					.1	.5				
SLOUGH 14 RM 135.9 TRM 0.0	02A			.6		.2					
MAINSTEM-RIVER MILE 136.1 TO 136.5	02A							.1			
MAINSTEM-RIVER MILE 136.6 TO 137.0	02A			0.0			.1		.2		
SLOUGH 15 RM 137.2 TRM 0.0	02A			.3		.1	.5	0.0	.1		
MAINSTEM-RIVER MILE 137.6 TO 138.0	02A								.1		
SLOUGH 16 RM 137.7 TRM 0.0	02A			.4		0.0					
MAINSTEM-RIVER MILE 138.1 TO 138.5	02A			.9			.9	.1			
SLOUGH 17 RM 138.9 TRM 0.0	02A			.2		.1					
MAINSTEM-RIVER MILE 139.1 TO 139.5	02A							0.0	.3		
	05B								1.0		
MAINSTEM-RIVER MILE 141.1 TO 141.5	02A			.1							
MAINSTEM-RIVER MILE 142.6 TO 143.0	02A							.2			

Appendix Table 3-A-32. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 144.1 TO 144.5	002			0.0	.5						
JACK LONG CREEK RM 144.5 TRM 0.0	02A					.5	.8	1.2		.8	
MAINSTEM-RIVER MILE 145.1 TO 145.5	02A							0.0	.4		
MAINSTEM-RIVER MILE 145.6 TO 146.0	02A			1.1			0.0				
MAINSTEM-RIVER MILE 147.6 TO 148.0	02A			.5			.1	.5	0.0		
MAINSTEM-RIVER MILE 148.1 TO 148.5	02A							.2	.4		
MAINSTEM-RIVER MILE 150.1 TO 150.5	02A			1.5			.1	0.0	0.0	.4	

Appendix Table 3-A-33. Round whitefish catches at fishwheels located on the Susitna River by two-week sampling period, June through September, 1982.

Site	River Mile	Catch								Total
		June 1-15	June 16-30	July 1-15	July 16-31	August 1-15	August 16-31	September 1-15	September 16-30	
Yentna Station (TRM 6.0)	27.5	-	0	0	0	0	5	1	-	6
Sunshine Station	79.0	9	1	2	1	4	2	101	32	152
Talkeetna Station	103.0	4	3	7	3	0	1	7	-	25
Curry Station	120.0	2	11	8	6	3	6	2	0	38
TOTAL		15	15	17	10	7	14	111	32	221

- = No effort.

Appendix Table 3-A-34. Adult round whitefish recaptured in the Susitna River below Devil Canyon, 1982.

Tag Number	Date Tagged	Date Recovered	Number of Days Between	Tagging Location	Recovery Location	Movement (Miles)
				Tagged in 1981, recovered in 1982		
0573	100281	052282	232	Mainstem (R.M. 97.7)	Sheep Creek (R.M. 66.1, TRM 1.0)	-31.6+1.0
0756	100581	092582	355	Mainstem-above West Bank (R.M. 74.5)	Mainstem-East Channel (R.M. 62.0)	-12.5
				Tagged above the Chulitna River (R.M. 98.5) confluence in 1982		
6180	052682	060582	10	Whisker Creek Slough (R.M. 101.2)	Mainstem (R.M. 99.5)	-1.7
6317	060682	063082	24	Lane Creek (R.M. 113.6)	same	0
8428	062782	072882	31	Slough 17 (R.M. 138.9)	Sherman Creek (R.M. 130.8)	-8.1
6544	062782	081182	45	Portage Creek (R.M. 148.8)	same	0
8322	062782	081182	45	Portage Creek (R.M. 148.8)	Jack Long Creek (R.M. 144.5)	-4.3
8346	062782	081882	52	Portage Creek (R.M. 148.8)	same	0
8315	062782	081882	52	Portage Creek (R.M. 148.8)	Mainstem-Fat Canoe Island (R.M. 147.6)	-1.2
8384	062782	081882	52	Mainstem-East Bank (R.M. 145.0)	Jack Long Creek (R.M. 144.5)	-0.5
8373	062782	081882	52	Mainstem-East Bank (R.M. 145.0)	Mainstem-East Bank (R.M. 142.7)	-2.3
8407	062782	081982	53	Mainstem-East Bank (R.M. 145.5)	Slough 19 (R.M. 140.0)	-5.5
6437	062782	091982	84	Mainstem eddy (R.M. 150.1)	Indian River (R.M. 138.6)	-11.5

+ = Moved upstream.
- = Moved downstream.

Appendix Table 3-A-34. (Continued).

Tag Number	Date Tagged	Date Recovered	Number of Days Between	Tagging Location	Recovery Location	Movement (Miles)
			Tagged above the Chulitna River (R.M. 98.5) confluence in 1982 - Cont'd			
6536	062782	091982	84	Portage Creek (R.M. 148.8)	Indian River (R.M. 138.6)	-10.2
8356	062782	092182	86	Portage Creek (R.M. 148.8)	same	0
8585	062882	062982	1	4th of July Creek (R.M. 131.1)	same	0
8569	062882	072682	28	4th of July Creek (R.M. 131.1)	same	0
8581	062882	081282	45	4th of July Creek (R.M. 131.1)	same	0
8495	062882	081482	47	Slough 15 (R.M. 137.2)	Indian River (R.M. 138.6)	+1.4
		092782	+44		Mainstem (R.M. 136.8)	-1.8
8570	062882	082882	61	4th of July Creek (R.M. 131.1)	4th of July Creek (R.M. 131.1)	0
8492	062882	091882	82	Slough 15 (R.M. 137.2)	Indian River (R.M. 138.6)	+1.4
		092082	+2		same	0
8713	070882	091482	69	Slough 6A (R.M. 112.3)	Mainstem-West Bank (R.M. 115.0)	+2.7
2789	071082	091882	70	Slough 22 (R.M. 144.3)	Indian River (R.M. 138.6)	-5.7
8021	072082	091882	60	Mainstem-Talkeetna (R.M. 102.0)	Indian River (R.M. 138.6)	+36.6
10028	072682	081282	17	Skull Creek (R.M. 124.7)	same	0
10064	072782	081182	15	Jack Long Creek (R.M. 144.5)	same	0

+ = Moved upstream.
- = Moved downstream.

Appendix Table 3-A-34. (Continued).

Tag Number	Date Tagged	Date Recovered	Number of Days Between	Tagging Location	Recovery Location	Movement (Miles)
			Tagged above the Chulitna River (R.M. 98.5) confluence in 1982 - Cont'd			
10169	081182	081782	6	Slough 15 (R.M. 137.2)	same	0
10150	081182	081882	7	Jack Long Creek (R.M. 144.5)	same	0
10335	081882	090582	19	Portage Creek (R.M. 148.8)	same	0
10333	081882	090582	19	Portage Creek (R.M. 148.8)	same	0
10932	083182	091482	14	Mainstem-East Bank (R.M. 85.0)	Mainstem-West Bank (R.M. 115.0)	+30.0
14031	090382	090382	same day	Mainstem - Sunshine (R.M. 79.0)	Mainstem-across from Sunshine (R.M. 79.0)	0
13125	090582	092182	16	Indian River (R.M. 138.6)	same	0
			Tagged below the Chulitna River (R.M. 98.5) confluence in 1982			
14059	090582	090682	1	Mainstem - Sunshine (R.M. 79.0)	Mainstem-across from Sunshine (R.M. 79.0)	0
14181	090882	092182	13	Mainstem - Sunshine (R.M. 79.0)	Mainstem-Gravel Bar (R.M. 84.3)	+5.3

+ = Moved upstream.
- = Moved downstream.

Appendix Table 3-A-35. Gill raker counts of humpback whitefish mortalities captured on the Susitna River below Devil Canyon, 1982.

Area	River Mile	Tributary River Mile	Months	n	Gill Raker Count							
					19	20	21	22	23	24	25	26
Upstream of Chulitna River confluence	98.5	-	June	6	-	-	1	2	1	1	-	1
Yentna River	27.5	-	August	13	2	1	6	2	2	-	-	-
Fishwheels	-	6.0										
Rabideux Creek to Talkeetna Camp	83.1 to 103.0	-	Jul-Sep	7	-	-	-	4	2	-	-	1
TOTAL			Jun-Sep		2	1	7	8	5	1	-	2

Appendix Table 3-A-36. Humpback whitefish catch at Designated Fish Habitat (DFH) sites in the Susitna River between Goose Creek 2 and Portage Creek by gear type, May through October, 1982.

LOCATION	RIVER MILE	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
RABIDEUX CREEK AND SLOUGH	83.1	02A	1			1		0	1	0		
SUNSHINE CREEK AND SIDE CHANNEL	85.7	003		0		0		0	1			
		02A	6	0		2		0	2	1		
BIRCH CREEK AND SLOUGH	88.4	02A	2	2		1		0	0	0		
WHISKERS CREEK AND SLOUGH	101.2	003		0		0		0	1	0	0	
		02A	0	0		0		1	0	0	0	
SLOUGH 6A	112.3	02A		0		4					0	
LANE CREEK AND SLOUGH 8	113.6	02A		0	0	0	0	2	0	0	1	
SLOUGH 8A	125.3	02A			1		0	0	1	0	0	
SLOUGH 11	135.3	02A			1		0			0		
INDIAN RIVER-MOUTH	138.6	02A			1		0	0	0	0	0	
SLOUGH 19	140.0	02A			5							
SLOUGH 21	142.0	02A			0		2					
PORTAGE CREEK-MOUTH	148.8	02A			4		2	2	0	2	2	

Appendix Table 3-A-37. Humpback whitefish catch per unit effort (CPUE) at Designated Fish Habitat (DFH) sites in the Susitna River between Goose Creek 2 and Portage Creek by gear type, May through October, 1982. Units are hours for gear 009, minutes for gears 002 and 02A, and units of gear fished for all other gear types.

LOCATION	RIVER MILE	GEAR TYPE	MAY 16-30	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
RABIDEUX CREEK AND SLOUGH	83.1	02A	.1			<.05		0.0	<.05	0.0		
SUNSHINE CREEK AND SIDE CHANNEL	85.7	003		0.0		0.0		0.0	.5			
		02A	.2	0.0		.4		0.0	.1	.1		
BIRCH CREEK AND SLOUGH	88.4	02A	.1	<.05		<.05		0.0	0.0	0.0		
WHISKERS CREEK AND SLOUGH	101.2	003		0.0		0.0		0.0	.3	0.0	0.0	
		02A	0.0	0.0		0.0		<.05	0.0	0.0	0.0	
SLOUGH 6A	112.3	02A		0.0		.2					0.0	
LANE CREEK AND SLOUGH 8	113.6	02A		0.0	0.0	0.0	0.0	.1	0.0	0.0	.1	
SLOUGH 8A	125.3	02A			<.05		0.0	0.0	.1	0.0	0.0	
SLOUGH 11	135.3	02A			<.05		0.0			0.0		
INDIAN RIVER-MOUTH	138.6	02A			<.05		0.0	0.0	0.0	0.0	0.0	
SLOUGH 19	140.0	02A			.4							
SLOUGH 21	142.0	02A			0.0		.1					
PORTAGE CREEK-MOUTH	148.8	02A			.2		.1	.1	0.0	.1	.1	

Appendix Table 3-A-38. Humpback whitefish catch at Selected Fish Habitat (SFH) sites in the Susitna River below Devil Canyon, May through October, 1982.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 13.1 TO 13.5	02A						1	0			
MAINSTEM-RIVER MILE 14.6 TO 15.0	02A								1		
MAINSTEM-RIVER MILE 22.6 TO 23.0	02A							1	0		
ANDERSON CREEK RM 23.8 TRM 0.0	02A						1	0			
MAINSTEM-RIVER MILE 25.1 TO 25.5	02A							0	1		
MAINSTEM-RIVER MILE 31.1 TO 31.5	02A						0	7	0		
MAINSTEM-RIVER MILE 31.6 TO 32.0	02A						0	2	0		
WHITSOL LAKE SLOUGH RM 35.2 TRM 0.0	02A					2					
KROTO SLOUGH-TRIBUTARY RM 38.5 TRM 0.0	02A					6					
MAINSTEM-RIVER MILE 40.1 TO 40.5	02A							1			
LITTLE WILLOW CREEK RM 50.5 TRM 0.0	02A			1		0					
MAINSTEM-RIVER MILE 52.6 TO 53.0	02A					0			1		
GRAY'S CREEK RM 59.5 TRM .3	02A			1							

Appendix Table 3-A-38. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 66.1 TO 66.5	02A						0	1	0		
MAINSTEM-RIVER MILE 68.1 TO 68.5	02A				0		0	1	0		
MAINSTEM-RIVER MILE 81.6 TO 82.0	02A							1	0		
MAINSTEM-RIVER MILE 82.6 TO 83.0	02A						1	1	0		
MAINSTEM-RIVER MILE 85.6 TO 86.0	02A		0		0		0	2	0		
MAINSTEM-RIVER MILE 86.1 TO 86.5	02A						2	0	1		
BEAVER POND RM 86.3 TRM 0.0	02A		1		0		1	0			
TRAPPER CREEK RM 91.5 TRM 0.0	02A		2		1		2	0	0		
MAINSTEM-RIVER MILE 93.6 TO 94.0	02A		1		0		0		1		
TALKEETNA RIVER RM 97.0 TRM 0.0	02A		3		0		0	0	0		
MAINSTEM-RIVER MILE 99.6 TO 100.0	02A		0				0	0	1		
SLOUGH 1 RM 99.6 TRM 0.0	02A				2		2	2			
MAINSTEM-RIVER MILE 100.1 TO 100.5	02A		0					0	1		

Appendix Table 3-A-38. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 101.6 TO 102.0	02A		0				0	1	0		
MAINSTEM-RIVER MILE 102.6 TO 103.0	02A		0		0		0	0	1		
SLOUGH--EAST BANK RM 123.6 TRM 0.0	02A						1				
SLOUGH 10 RM 133.8 TRM 0.0	02A			0			0	0		1	
SLOUGH 13 RM 135.7 TRM 0.0	02A					1	0				
SLOUGH 14 RM 135.9 TRM 0.0	02A			1		0					
SLOUGH 15 RM 137.2 TRM 0.0	02A			1		0	0	0	0		
SLOUGH 17 RM 138.9 TRM 0.0	02A			4		2					
JACK LONG CREEK RM 144.5 TRM 0.0	02A					0	0	4	0	0	
MAINSTEM-RIVER MILE 145.1 TO 145.5	02A							0	1		
MAINSTEM-RIVER MILE 145.6 TO 146.0	02A			1			0				
MAINSTEM-RIVER MILE 147.6 TO 148.0	02A			2			0	0	0		

Appendix Table 3-A-38. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM--RIVER MILE 148.1 TO 148.5	02A							0	1		

Appendix Table 3-A-39. Humpback whitefish catch per unit effort (CPUE) at Selected Fish Habitat (SFH) sites in the Susitna River below Devil Canyon by gear type, May through October, 1982. Units are hours for gear 009, minutes for gears 002 and 02A, and units of gear fished for all other gear types.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 13.1 TO 13.5	02A						.1	0.0			
MAINSTEM-RIVER MILE 14.6 TO 15.0	02A								.1		
MAINSTEM-RIVER MILE 22.6 TO 23.0	02A							<.05	0.0		
ANDERSON CREEK RM 23.8 TRM 0.0	02A						.3	0.0			
MAINSTEM-RIVER MILE 25.1 TO 25.5	02A							0.0	.1		
MAINSTEM-RIVER MILE 31.1 TO 31.5	02A						0.0	.1	0.0		
MAINSTEM-RIVER MILE 31.6 TO 32.0	02A						0.0	<.05	0.0		
WHITSOL LAKE SLOUGH RM 35.2 TRM 0.0	02A					.1					
KROTO SLOUGH-TRIBUTARY RM 38.5 TRM 0.0	02A					.2					
MAINSTEM-RIVER MILE 40.1 TO 40.5	02A							.1			
LITTLE WILLOW CREEK RM 50.5 TRM 0.0	02A			.1		0.0					
MAINSTEM-RIVER MILE 52.6 TO 53.0	02A					0.0			<.05		

Appendix Table 3-A-39. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
GRAY'S CREEK RM 59.5 TRM .3	02A			<.05							
MAINSTEM-RIVER MILE 66.1 TO 66.5	02A						0.0	<.05	0.0		
MAINSTEM-RIVER MILE 68.1 TO 68.5	02A				0.0		0.0	.1	0.0		
MAINSTEM-RIVER MILE 81.6 TO 82.0	02A							.1	0.0		
MAINSTEM-RIVER MILE 82.6 TO 83.0	02A						<.05	<.05	0.0		
MAINSTEM-RIVER MILE 85.6 TO 86.0	02A		0.0		0.0		0.0	.1	0.0		
MAINSTEM-RIVER MILE 86.1 TO 86.5	02A						.1	0.0	<.05		
BEAVER POND RM 86.3 TRM 0.0	02A		<.05		0.0		<.05	0.0			
TRAPPER CREEK RM 91.5 TRM 0.0	02A		<.05		<.05		.3	0.0	0.0		
MAINSTEM-RIVER MILE 93.6 TO 94.0	02A		<.05		0.0		0.0		.1		
TALKEETNA RIVER RM 97.0 TRM 0.0	02A		<.05		0.0		0.0	0.0	0.0		
MAINSTEM-RIVER MILE 99.6 TO 100.0	02A		0.0				0.0	0.0	.1		
SLOUGH 1 RM 99.6 TRM 0.0	02A				.1		.2	.5			

Appendix Table 3-A-39. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 100.1 TO 100.5	02A		0.0					0.0	<.05		
MAINSTEM-RIVER MILE 101.6 TO 102.0	02A		0.0				0.0	<.05	0.0		
MAINSTEM-RIVER MILE 102.6 TO 103.0	02A		0.0		0.0		0.0	0.0	<.05		
SLOUGH-EAST BANK RM 123.6 TRM 0.0	02A						.1				
SLOUGH 10 RM 133.8 TRM 0.0	02A			0.0			0.0	0.0		.2	
SLOUGH 13 RM 135.7 TRM 0.0	02A					.1	0.0				
SLOUGH 14 RM 135.9 TRM 0.0	02A			.1		0.0					
SLOUGH 15 RM 137.2 TRM 0.0	02A			<.05		0.0	0.0	0.0	0.0		
SLOUGH 17 RM 138.9 TRM 0.0	02A			.3		.1					
JACK LONG CREEK RM 144.5 TRM 0.0	02A					0.0	0.0	.2		0.0	
MAINSTEM-RIVER MILE 145.1 TO 145.5	02A							0.0	.1		
MAINSTEM-RIVER MILE 145.6 TO 146.0	02A			.1			0.0				

Appendix Table 3-A-39. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 147.6 TO 148.0	02A			.1			0.0	0.0	0.0		
MAINSTEM-RIVER MILE 148.1 TO 148.5	02A							0.0	.1		

Appendix Table 3-A-40. Humpback whitefish catches at fishwheels located on the Susitna River by two-week sampling period, June through September, 1982.

Site	River Mile	Catch								Total
		June 1-15	June 16-30	July 1-15	July 16-31	August 1-15	August 16-21	September 1-15	September 16-30	
Yentna Station (TRM 6.0)	27.5	-	0	35	23	64	76	13	-	211
Sunshine Station	79.0	5	6	8	2	14	65	38	8	146
Talkeetna Station	103.0	0	0	1	0	0	4	12	-	17
Curry Station	120.0	0	3	5	0	3	3	4	0	18
TOTAL		5	9	49	25	81	148	67	8	392

- = No effort.

Appendix Table 3-A-41. Adult humpback whitefish recaptured in the Susitna River below Devil Canyon, 1982.

Tag Number	Date Tagged	Date Recovered	Number of Days Between	Tagging Location	Recovery Location	Movement (Miles)
				Tagged in 1981, recovered in 1982		
1365	090581	053082	265	Mainstem - Sunshine (R.M. 79.0)	Caswell Creek (R.M. 63.0)	-16.0
5574	091381	070582	293	Mainstem - Sunshine (R.M. 79.0)	Willow Creek (R.M. 49.1)	-29.9
2381	091081	070182	292	Mainstem - Sunshine (R.M. 79.0)	Deshka River (R.M. 40.6)	-38.4
5592	091481	092682	377	Mainstem - Sunshine (R.M. 79.0)	same	0
				Tagged above the Chulitna River (R.M. 98.5) confluence in 1982		
8415	062782	062882	1	Slough 19 (R.M. 139.7)	Indian River (R.M. 138.6)	-1.1
10837	081682	090582	20	Slough 1 (R.M. 99.6)	Mainstem-East Channel (R.M. 100.5)	+0.9
				Tagged below the Chulitna River (R.M. 98.5) confluence in 1982		
6224	060482	060582	1	Talkeetna River (R.M. 97.0)	same	0
10772	081282	081882	6	Yentna River (R.M. 27.5, TRM 6.0)	Mainstem-West Bank (R.M. 19.0)	-8.5 -6.0

+ = Moved upstream.
- = Moved downstream.

Appendix Table 3-A-42. Longnose sucker catch at Designated Fish Habitat (DFH) sites in the Susitna River between Goose Creek 2 and Portage Creek by gear type, May through October, 1982.

LOCATION	RIVER MILE	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
GOOSE CREEK 2 AND SIDE CHANNEL	73.1	005		0	0	0	0	0	2	0	0	
		002			14		1			0		
		003		2	0	3	0	2	0	1	0	
		02A		5		5		4	0	3		
WHITEFISH SLOUGH	78.7	003					1	0	0	0	2	
		02A		0		4		0	1	0		
		001				1						
RABIDEUX CREEK AND SLOUGH	83.1	02A	3			35		5	25	0		
SUNSHINE CREEK AND SIDE CHANNEL	85.7	002			4					0		
		02A	20	0		2		11	17	1		
BIRCH CREEK AND SLOUGH	88.4	003			0	0	1	0		0	0	
		02A	2	5		6		0	0	0		
		05B				1	0					0
WHISKERS CREEK AND SLOUGH	101.2	003		0		0		0	14	0	1	
		02A	2	9		5		0	4	19	2	
SLOUGH 6A	112.3	003		1	5	6	2		1	0	0	
		02A		0		5					0	
LANE CREEK AND SLOUGH 8	113.6	003		0	0	0	0		1	0	0	
		02A		0	5	3	0	5	2	1	9	
SLOUGH 8A	125.3	002				0				16	0	
		003		0	1	0	0	0	1		1	

Appendix Table 3-A-42. Continued.

LOCATION	RIVER MILE	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
SLOUGH 8A	125.3	02A			7		0	7	0	2	1	
		001		3	12							
SLOUGH 9	129.2	002				4		0		0	0	
		003		0	9	0	0		0	0	0	
		02A					1					
4TH OF JULY CREEK-MOUTH	131.1	002				1		0		0		
		02A			0		3	0	0	10	9	
SLOUGH 11	135.3	02A			1		0			0		
INDIAN RIVER-MOUTH	138.6	02A			1		0	0	1	0	17	
SLOUGH 19	140.0	005		0	0	0	0	1	0	0	0	
SLOUGH 20	140.1	02A					0	0	4	6	7	
SLOUGH 21	142.0	002			0	1			0	0		
		02A			2		3					
PORTAGE CREEK-MOUTH	148.8	02A			4		3	4	7	3	4	

Appendix Table 3-A-43. Longnose sucker catch per unit effort (CPUE) at Designated Fish Habitat (DFH) sites in the Susitna River between Goose Creek 2 and Portage Creek by gear type, May through October, 1982. Units are hours for gear 009, minutes for gear 002 and 02A, and units of gear fished for all other gear types.

LOCATION	RIVER MILE	GEAR TYPE	MAY 16-30	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
GOOSE CREEK 2 AND SIDE CHANNEL	73.1	005		0.0	0.0	0.0	0.0	0.0	.1	0.0	0.0	
		002			2.8		.1			0.0		
		003		.7	0.0	1.0	0.0	1.0	0.0	.5	0.0	
		02A		.2		.4		.3	0.0	.6		
WHITEFISH SLOUGH	78.7	003					1.0	0.0	0.0	0.0	2.0	
		02A		0.0		.2		0.0	.1	0.0		
		001				1.0						
RABIDEUX CREEK AND SLOUGH	83.1	02A	.2			.5		.1	1.2	0.0		
SUNSHINE CREEK AND SIDE CHANNEL	85.7	002			.4					0.0		
		02A	.6	0.0		.4		.4	.7	.1		
BIRCH CREEK AND SLOUGH	88.4	003			0.0	0.0	.5	0.0		0.0	0.0	
		02A	.1	.1		.3		0.0	0.0	0.0		
		05B				1.0	0.0					0.0
WHISKERS CREEK AND SLOUGH	101.2	003		0.0		0.0		0.0	4.7	0.0	.3	
		02A	.1	.2		.3		0.0	.3	1.3	.1	
SLOUGH 6A	112.3	003		1.0	5.0	6.0	1.0		.5	0.0	0.0	
		02A		0.0		.2					0.0	
LANE CREEK AND SLOUGH 8	113.6	003		0.0	0.0	0.0	0.0		1.0	0.0	0.0	
		02A		0.0	.1	.3	0.0	.4	.3	<.05	.6	
SLOUGH 8A	125.3	002				0.0				.4	0.0	

Appendix Table 3-A-43. Continued.

LOCATION	RIVER MILE	GEAR TYPE	MAY 16-30	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
SLOUCH 8A	125.3	003		0.0	.5	0.0	0.0	0.0	.5		1.0	
		02A			.3		0.0	.8	0.0	.2	.1	
		001		1.5	6.0							
SLOUGH 9	129.2	002				.5		0.0		0.0	0.0	
		003		0.0	3.0	0.0	0.0		0.0	0.0	0.0	
		02A					.1					
4TH OF JULY CREEK-MOUTH	131.1	002				.3		0.0		0.0		
		02A			0.0		.1	0.0	0.0	.4	.5	
SLOUGH 11	135.3	02A			<.05		0.0			0.0		
INDIAN RIVER-MOUTH	138.6	02A			<.05		0.0	0.0	.1	0.0	.2	
SLOUGH 19	140.0	005		0.0	0.0	0.0	0.0	.1	0.0	0.0	0.0	
SLOUGH 20	140.1	02A					0.0	0.0	.4	.6	.6	
SLOUGH 21	142.0	002			0.0	.2			0.0	0.0		
		02A			.2		.1					
PORTAGE CREEK-MOUTH	148.8	02A			.2		.1	.2	.2	.1	.2	

Appendix Table 3-A-44. Longnose sucker catch at Selected Fish Habitat (SFH) sites in the Susitna River below Devil Canyon, May through October, 1982.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 9.1 TO 9.5	02A							4			
MAINSTEM-RIVER MILE 14.6 TO 15.0	02A								1		
MAINSTEM-RIVER MILE 16.6 TO 17.0	02A							1			
MAINSTEM-RIVER MILE 17.1 TO 17.5	02A								1		
MAINSTEM-RIVER MILE 17.6 TO 18.0	02A						0	0	1		
EAST BANK TRIBUTARY RM 17.7 TRM 0.0	02A						1				
MAINSTEM-RIVER MILE 19.6 TO 20.0	02A								1		
MAINSTEM-RIVER MILE 21.1 TO 21.5	02A								2		
MAINSTEM-RIVER MILE 22.1 TO 22.5	02A							0	1		
MAINSTEM-RIVER MILE 22.6 TO 23.0	02A							1	1		
MAINSTEM-RIVER MILE 23.1 TO 23.5	02A							2			
MAINSTEM-RIVER MILE 23.6 TO 24.0	02A						0	1	0		
ANDERSON CREEK RM 23.8 TRM 0.0	02A						1	0			
MAINSTEM-RIVER MILE 25.6 TO 26.0	02A							6	1		

Appendix Table 3-A-44. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 27.6 TO 28.0	02A						0	1			
MAINSTEM-RIVER MILE 29.1 TO 29.5	02A						0		2		
MAINSTEM-RIVER MILE 29.6 TO 30.0	02A						1		0		
MAINSTEM-RIVER MILE 30.1 TO 30.5	02A							1	0		
MAINSTEM-RIVER MILE 31.1 TO 31.5	02A						0	0	1		
MAINSTEM-RIVER MILE 31.6 TO 32.0	02A						0	1	0		
MAINSTEM-RIVER MILE 33.1 TO 33.5	02A							3	0		
MAINSTEM-RIVER MILE 35.1 TO 35.5	02A						0	10	118		
MAINSTEM-RIVER MILE 35.6 TO 36.0	02A						1		1		
MAINSTEM-RIVER MILE 36.1 TO 36.5	02A					0	0	0	16		
MAINSTEM-RIVER MILE 37.1 TO 37.5	02A						0	1			
MAINSTEM-RIVER MILE 38.1 TO 38.5	02A					1	1	0	1		
KROTO SLOUGH-TRIBUTARY RM 38.5 TRM 0.0	02A					7					
MAINSTEM-RIVER MILE 39.1 TO 39.5	02A						0	0	1		
ROLLY CREEK RM 39.0 TRM 0.0	02A					1	0				

Appendix Table 3-A-44. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
ROLLY CREEK RM 39.4 TRM .3	02A					2					
MAINSTEM-RIVER MILE 40.1 TO 40.5	02A							1			
DESHKA RIVER RM 40.6 TRM .3	02A					32					
MAINSTEM-RIVER MILE 43.1 TO 43.5	02A						0	1	1		
MAINSTEM-RIVER MILE 43.6 TO 44.0	02A							0	6		
MAINSTEM-RIVER MILE 44.1 TO 44.5	02A						0	0	1		
MAINSTEM-RIVER MILE 44.6 TO 45.0	02A					1	0		3		
MAINSTEM-RIVER MILE 45.1 TO 45.5	02A						0	0	3		
MAINSTEM-RIVER MILE 45.6 TO 46.0	02A						0	0	5		
MAINSTEM-RIVER MILE 46.6 TO 47.0	02A							1	1		
MAINSTEM-RIVER MILE 47.1 TO 47.5	02A						0		3		
MAINSTEM-RIVER MILE 50.1 TO 50.5	02A					0	1		1		
LITTLE WILLOW CREEK RM 50.5 TRM 0.0	02A			1		2					

Appendix Table 3-A-44. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
LITTLE WILLOW CREEK RM 50.5 TRM 1.2	02A					1					
MAINSTEM-RIVER MILE 52.6 TO 53.0	02A					2			1		
MAINSTEM-RIVER MILE 53.6 TO 54.0	02A							0	1		
MAINSTEM-RIVER MILE 54.1 TO 54.5	02A							2	0		
MAINSTEM-RIVER MILE 57.1 TO 57.5	02A			4				0			
SLOUGH-WEST BANK RM 57.4 TRM 0.0	02A					13					
MAINSTEM-RIVER MILE 57.6 TO 58.0	02A					3		0			
GRAY'S CREEK RM 59.5 TRM 0.0	02A					1					
GRAY'S CREEK RM 59.5 TRM .3	02A			4							
MAINSTEM-RIVER MILE 60.1 TO 60.5	02A	5						0			
MAINSTEM-RIVER MILE 60.6 TO 61.0	02A							1			
MAINSTEM-RIVER MILE 61.1 TO 61.5	02A						0	1	0		
MAINSTEM-RIVER MILE 61.6 TO 62.0	02A							1			

Appendix Table 3-A-44. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
KASHWITNA RIVER RM 61.0 TRM .1	02A		2				0				
MAINSTEM-RIVER MILE 62.6 TO 63.0	02A						0	0	7		
CASWELL CREEK RM 63.0 TRM 0.0	02A							1	1		
MAINSTEM-RIVER MILE 65.6 TO 66.0	02A				0		0	0	1		
SHEEP CREEK SLOUGH RM 66.1 TRM 0.0	02A				3		0	5			
MAINSTEM-RIVER MILE 66.6 TO 67.0	02A						2	2			
MAINSTEM-RIVER MILE 68.1 TO 68.5	02A				0		0	0	1		
MAINSTEM-RIVER MILE 69.1 TO 69.5	02A						0	1			
MAINSTEM-RIVER MILE 70.1 TO 70.5	02A							1			
MAINSTEM-RIVER MILE 70.6 TO 71.0	02A							1			
MAINSTEM-RIVER MILE 71.1 TO 71.5	02A						0	1	0		
MAINSTEM-RIVER MILE 71.6 TO 72.0	02A						0	2	0		
MAINSTEM-RIVER MILE 73.6 TO 74.0	02A							2	0		
MAINSTEM-RIVER MILE 74.1 TO 74.5	02A		0		0		0	0	1		

Appendix Table 3-A-44. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 75.6 TO 76.0	02A						0	0	1		
MONTANA CREEK RM 77.0 TRM 0.0	02A	0	0						1		
MAINSTEM-RIVER MILE 78.6 TO 79.0	02A	2	0		0		0	0	1		
MAINSTEM-RIVER MILE 80.6 TO 81.0	02A							0	1		
MAINSTEM-RIVER MILE 82.6 TO 83.0	02A						0	2	0		
MAINSTEM-RIVER MILE 83.1 TO 83.5	02A						0	1	0		
MAINSTEM-RIVER MILE 85.6 TO 86.0	02A		2		5		0	5	0		
MAINSTEM-RIVER MILE 86.1 TO 86.5	02A						1	0	1		
BEAVER POND RM 86.3 TRM 0.0	02A		14		12		12	0			
MAINSTEM-RIVER MILE 87.1 TO 87.5	02A				1		0	0	0		
MAINSTEM-RIVER MILE 87.6 TO 88.0	02A		0				0	1	0		
MAINSTEM-RIVER MILE 89.1 TO 89.5	02A						0	0	3		
TRAPPER CREEK RM 91.5 TRM 0.0	02A		41		18		0	3	0		
MAINSTEM-RIVER MILE 92.1 TO 92.5	02A						0	0	1		

Appendix Table 3-A-44. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 93.6 TO 94.0	02A		1		0		0		0		
MAINSTEM-RIVER MILE 94.1 TO 94.5	02A						1				
BILLION SLOUGH RM 97.9 TRM 0.0	02A				1		0	0			
TALKEETNA RIVER RM 97.0 TRM 0.0	02A		6		1		1	0	0		
MAINSTEM-RIVER MILE 99.6 TO 100.0	02A		1				0	1	0		
SLOUGH 1 RM 99.6 TRM 0.0	02A				0		1	0			
MAINSTEM-RIVER MILE 100.1 TO 100.5	02A		3					0	7		
SLOUGH 2 RM 100.4 TRM 0.0	02A						1				
MAINSTEM-RIVER MILE 101.1 TO 101.5	02A				6			0			
MAINSTEM-RIVER MILE 101.6 TO 102.0	02A		2				3	6	22		
MAINSTEM-RIVER MILE 102.6 TO 103.0	02A		0		8		0	3	4		
MAINSTEM-RIVER MILE 105.1 TO 105.5	02A							3	1		
MAINSTEM-RIVER MILE 107.1 TO 107.5	02A				3			1	0		
MAINSTEM-RIVER MILE 110.6 TO 111.0	02A				7						

Appendix Table 3-A-44. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 111.6 TO 112.0	02A		3		6			0			
MAINSTEM-RIVER MILE 113.1 TO 113.5	02A				1						
MAINSTEM-RIVER MILE 114.1 TO 114.5	02A		5		0			0	0		
MAINSTEM-RIVER MILE 116.6 TO 117.0	02A							1			
UPPER MCKENZIE CREEK RM 116.7 TRM 0.0	02A			0		1			0	1	
MAINSTEM-RIVER MILE 117.6 TO 118.0	02A							0	1		
MAINSTEM-RIVER MILE 119.6 TO 120.0	02A							4	0	0	
MAINSTEM-RIVER MILE 120.6 TO 121.0	02A			0		0		0	1		
SLOUGH 8D RM 121.8 TRM 0.0	02A			0		1					
SLOUGH 8B RM 122.2 TRM 0.0	02A			0		1					
'TH OF JULY CREEK RM 123.7 TRM 0.0	02A			0		0	0	1	0		
SKULL CREEK RM 124.7 TRM 0.0	02A			2		1	0	0	3	2	
MAINSTEM-RIVER MILE 126.1 TO 126.5	02A							0	1		

Appendix Table 3-A-44. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 127.6 TO 128.0	02A						1	1	1		
MAINSTEM-RIVER MILE 130.1 TO 130.5	02A						0	2	0		
MAINSTEM-RIVER MILE 130.6 TO 131.0	02A			1							
SHERMAN CREEK RM 130.8 TRM 0.0	02A			0		1	0	0	0		
MAINSTEM-RIVER MILE 132.6 TO 133.0	02A							1			
SLOUGH 10 RM 133.8 TRM 0.0	02A			7			0	0		0	
MAINSTEM-RIVER MILE 135.1 TO 135.5	02A			0			0	0	2		
MAINSTEM-RIVER MILE 135.6 TO 136.0	02A			1				0			
SLOUGH 13 RM 135.7 TRM 0.0	02A					1	0				
SLOUGH 14 RM 135.9 TRM 0.0	02A			4		1					
MAINSTEM-RIVER MILE 136.6 TO 137.0	02A			1			0	0	0		
SLOUGH 15 RM 137.2 TRM 0.0	02A			1		5	1	0	0		
MAINSTEM-RIVER MILE 137.6 TO 138.0	02A								2		

Appendix Table 3-A-44. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
SLOUGH 16 RM 137.7 TRM 0.0	02A			1		0					
MAINSTEM-RIVER MILE 138.1 TO 138.5	02A			1			0	0			
SLOUGH 17 RM 138.9 TRM 0.0	02A			1		0					
MAINSTEM-RIVER MILE 139.1 TO 139.5	02A							0	1		
	05B								4		
MAINSTEM-RIVER MILE 141.6 TO 142.0	02A							0	1		
MAINSTEM-RIVER MILE 142.6 TO 143.0	02A							5			
MAINSTEM-RIVER MILE 143.1 TO 143.5	02A			1			0		1		
MAINSTEM-RIVER MILE 144.1 TO 144.5	002			3	2						
JACK LONG CREEK RM 144.5 TRM 0.0	02A					0	8	4	0	5	
MAINSTEM-RIVER MILE 145.6 TO 146.0	02A			4			0				
MAINSTEM-RIVER MILE 147.1 TO 147.5	02A								1		
MAINSTEM-RIVER MILE 147.6 TO 148.0	02A			4			0	3	1		
MAINSTEM-RIVER MILE 148.1 TO 148.5	02A							0	2		

Appendix Table 3-A-44. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 150.1 TO 150.5	02A			8			2	6	5	0	

Appendix Table 3-A-45. Longnose sucker catch per unit effort (CPUE) at Selected Fish Habitat (SFH) sites in the Susitna River below Devil Canyon by gear type, May through October, 1982. Units are hours for gear 009, minutes for gears 002 and 02A, and units of gear fished for all other gear types.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 9.1 TO 9.5	02A							.5			
MAINSTEM-RIVER MILE 14.6 TO 15.0	02A								.1		
MAINSTEM-RIVER MILE 16.6 TO 17.0	02A							.5			
MAINSTEM-RIVER MILE 17.1 TO 17.5	02A								.1		
MAINSTEM-RIVER MILE 17.6 TO 18.0	02A						0.0	0.0	.1		
EAST BANK TRIBUTARY RM 17.7 TRM 0.0	02A						.1				
MAINSTEM-RIVER MILE 19.6 TO 20.0	02A								<.05		
MAINSTEM-RIVER MILE 21.1 TO 21.5	02A								.1		
MAINSTEM-RIVER MILF 22.1 TO 22.5	02A							0.0	.1		
MAINSTEM-RIVER MILE 22.6 TO 23.0	02A							<.05	.1		
MAINSTEM-RIVER MILE 23.1 TO 23.5	02A							.1			
MAINSTEM-RIVER MILE 23.6 TO 24.0	02A						0.0	.1	0.0		
ANDERSON CREEK RM 23.8 TRM 0.0	02A						.3	0.0			

Appendix Table 3-A-45. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 25.6 TO 26.0	02A							.3	.1		
MAINSTEM-RIVER MILE 27.6 TO 28.0	02A						0.0	.1			
MAINSTEM-RIVER MILE 29.1 TO 29.5	02A						0.0		.1		
MAINSTEM-RIVER MILE 29.6 TO 30.0	02A						.1		0.0		
MAINSTEM-RIVER MILE 30.1 TO 30.5	02A							.2	0.0		
MAINSTEM-RIVER MILE 31.1 TO 31.5	02A						0.0	0.0	<.05		
MAINSTEM-RIVER MILE 31.6 TO 32.0	02A						0.0	<.05	0.0		
MAINSTEM-RIVER MILE 33.1 TO 33.5	02A							.8	0.0		
MAINSTEM-RIVER MILE 35.1 TO 35.5	02A						0.0	.5	2.7		
MAINSTEM-RIVER MILE 35.6 TO 36.0	02A						.1		<.05		
MAINSTEM-RIVER MILE 36.1 TO 36.5	02A					0.0	0.0	0.0	.7		
MAINSTEM-RIVER MILE 37.1 TO 37.5	02A						0.0	<.05			
MAINSTEM-RIVER MILE 38.1 TO 38.5	02A					<.05	.1	0.0	.1		
KROTO SLOUGH-TRIBUTARY RM 38.5 TRM 0.0	02A					.3					
MAINSTEM-RIVER MILE 39.1 TO 39.5	02A						0.0	0.0	<.05		

Appendix Table 3-A-45. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
ROLLY CREEK RM 39.0 TRM 0.0	02A					.1	0.0				
ROLLY CREEK RM 39.0 TRM .3	02A					.1					
MAINSTEM-RIVER MILE 40.1 TO 40.5	02A							.1			
DESHKA RIVER RM 40.6 TRM .3	02A					.6					
MAINSTEM-RIVER MILE 43.1 TO 43.5	02A						0.0	.1	<.05		
MAINSTEM-RIVER MILE 43.6 TO 44.0	02A							0.0	.2		
MAINSTEM-RIVER MILE 44.1 TO 44.5	02A						0.0	0.0	.1		
MAINSTEM-RIVER MILE 44.6 TO 45.0	02A					.1	0.0		.2		
MAINSTEM-RIVER MILE 45.1 TO 45.5	02A						0.0	0.0	.2		
MAINSTEM-RIVER MILE 45.6 TO 46.0	02A						0.0	0.0	.3		
MAINSTEM-RIVER MILE 46.6 TO 47.0	02A							.2	.2		
MAINSTEM-RIVER MILE 47.1 TO 47.5	02A						0.0		.2		
MAINSTEM-RIVER MILE 50.1 TO 50.5	02A					0.0	.1		.1		
LITTLE WILLOW CREEK RM 50.5 TRM 0.0	02A			.1		.2					

Appendix Table 3-A-45. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
LITTLE WILLOW CREEK RM 50.5 TRM 1.2	02A					.1					
MAINSTEM-RIVER MILE 52.6 TO 53.0	02A					.2			<.05		
MAINSTEM-RIVER MILE 54.1 TO 54.5	02A							.1	0.0		
MAINSTEM-RIVER MILE 57.1 TO 57.5	02A			.1				0.0			
SLOUGH-WEST BANK RM 57.4 TRM 0.0	02A					.7					
MAINSTEM-RIVER MILE 57.6 TO 58.0	02A					.1		0.0			
GRAY'S CREEK RM 59.5 TRM 0.0	02A					.1					
GRAY'S CREEK RM 59.5 TRM .3	02A			.2							
MAINSTEM-RIVER MILE 60.1 TO 60.5	02A	.1						0.0			
MAINSTEM-RIVER MILE 60.6 TO 61.0	02A							.1			
MAINSTEM-RIVER MILE 61.1 TO 61.5	02A						0.0	.1	0.0		
MAINSTEM-RIVER MILE 61.6 TO 62.0	02A							<.05			
KASHWITNA RIVER RM 61.0 TRM .1	02A		.2				0.0				

Appendix Table 3-A-45. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 62.6 TO 63.0	02A						0.0	0.0	.2		
CASWELL CREEK RM 63.0 TRM 0.0	02A							.1	.1		
MAINSTEM-RIVER MILE 65.6 TO 66.0	02A				0.0		0.0	0.0	.1		
SHEEP CREEK SLOUGH RM 66.1 TRM 0.0	02A				.1		0.0	.5			
MAINSTEM-RIVER MILE 66.6 TO 67.0	02A						.1	.2			
MAINSTEM-RIVER MILE 68.1 TO 68.5	02A				0.0		0.0	0.0	<.05		
MAINSTEM-RIVER MILE 69.1 TO 69.5	02A						0.0	.1			
MAINSTEM-RIVER MILE 70.1 TO 70.5	02A							.1			
MAINSTEM-RIVER MILE 70.6 TO 71.0	02A							<.05			
MAINSTEM-RIVER MILE 71.1 TO 71.5	02A						0.0	<.05	0.0		
MAINSTEM-RIVER MILE 71.6 TO 72.0	02A						0.0	.1	0.0		
MAINSTEM-RIVER MILE 73.6 TO 74.0	02A							.1	0.0		
MAINSTEM-RIVER MILE 74.1 TO 74.5	02A		0.0		0.0		0.0	0.0	<.05		
MAINSTEM-RIVER MILE 75.6 TO 76.0	02A						0.0	0.0	<.05		

Appendix Table 3-A-45. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MONTANA CREEK RM 77.0 TRM 0.0	02A	0.0	0.0						.1		
MAINSTEM-RIVER MILE 78.6 TO 79.0	02A	.1	0.0		0.0		0.0	0.0	<.05		
MAINSTEM-RIVER MILE 80.6 TO 81.0	02A							0.0	.1		
MAINSTEM-RIVER MILE 82.6 TO 83.0	02A						0.0	.1	0.0		
MAINSTEM-RIVER MILE 83.1 TO 83.5	02A						0.0	<.05	0.0		
MAINSTEM-RIVER MILE 85.6 TO 86.0	02A		.1		.2		0.0	.1	0.0		
MAINSTEM-RIVER MILE 86.1 TO 86.5	02A						<.05	0.0	<.05		
BEAVER POND RM 86.3 TRM 0.0	02A		.7		.8		.4	0.0			
MAINSTEM-RIVER MILE 87.1 TO 87.5	02A				<.05		0.0	0.0	0.0		
MAINSTEM-RIVER MILE 87.6 TO 88.0	02A		0.0				0.0	<.05	0.0		
MAINSTEM-RIVER MILE 89.1 TO 89.5	02A						0.0	0.0	.1		
TRAPPER CREEK RM 91.5 TRM 0.0	02A		.8		.9		0.0	.2	0.0		
MAINSTEM-RIVER MILE 92.1 TO 92.5	02A						0.0	0.0	.1		
MAINSTEM-RIVER MILE 93.6 TO 94.0	02A		<.05		0.0		0.0		0.0		

Appendix Table 3-A-45. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 94.1 TO 94.5	02A						.1				
BILLION SLOUGH RM 97.9 TRM 0.0	02A				<.05		0.0	0.0			
TALKEETNA RIVER RM 97.0 TRM 0.0	02A		.1		.1		<.05	0.0	0.0		
MAINSTEM-RIVER MILE 99.6 TO 100.0	02A		<.05				0.0	<.05	0.0		
SLOUGH 1 RM 99.6 TRM 0.0	02A				0.0		.1	0.0			
MAINSTEM-RIVER MILE 100.1 TO 100.5	02A		.1					0.0	.2		
SLOUGH 2 RM 100.4 TRM 0.0	02A						.1				
MAINSTEM-RIVER MILE 101.1 TO 101.5	02A				.2			0.0			
MAINSTEM-RIVER MILE 101.6 TO 102.0	02A		.1				.3	.2	.6		
MAINSTEM-RIVER MILE 102.6 TO 103.0	02A		0.0		.4		0.0	.1	.1		
MAINSTEM-RIVER MILE 105.1 TO 105.5	02A							.1	<.05		
MAINSTEM-RIVER MILE 107.1 TO 107.5	02A				.2			.1	0.0		
MAINSTEM-RIVER MILE 110.6 TO 111.0	02A				.5						
MAINSTEM-RIVER MILE 111.6 TO 112.0	02A		<.05		.1			0.0			

Appendix Table 3-A-45. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 113.1 TO 113.5	02A				<.05						
MAINSTEM-RIVER MILE 114.1 TO 114.5	02A		.2		0.0			0.0	0.0		
MAINSTEM-RIVER MILE 116.6 TO 117.0	02A							.1			
UPPER MCKENZIE CREEK RM 116.7 TRM 0.0	02A			0.0		.3			0.0	.1	
MAINSTEM-RIVER MILE 117.6 TO 118.0	02A							0.0	.2		
MAINSTEM-RIVER MILE 119.6 TO 120.0	02A							.1	0.0	0.0	
MAINSTEM-RIVER MILE 120.6 TO 121.0	02A			0.0		0.0		0.0	.1		
SLOUGH 8D RM 121.8 TRM 0.0	02A			0.0		.1					
SLOUGH 8B RM 122.2 TRM 0.0	02A			0.0		.1					
5TH OF JULY CREEK RM 123.7 TRM 0.0	02A			0.0		0.0	0.0	.2	0.0		
SKULL CREEK RM 124.7 TRM 0.0	02A			<.05		<.05	0.0	0.0	.3	.3	
MAINSTEM-RIVER MILE 126.1 TO 126.5	02A							0.0	.1		
MAINSTEM-RIVER MILE 127.6 TO 128.0	02A						.1	.2	.1		

Appendix Table 3-A-45. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 130.1 TO 130.5	02A						0.0	.3	0.0		
MAINSTEM-RIVER MILE 130.6 TO 131.0	02A			.1							
SHERMAN CREEK RM 130.8 TRM 0.0	02A			0.0		.1	0.0	0.0	0.0		
MAINSTEM-RIVER MILE 132.6 TO 133.0	02A							.2			
SLOUGH 10 RM 133.8 TRM 0.0	02A			.3			0.0	0.0		0.0	
MAINSTEM-RIVER MILE 135.1 TO 135.5	02A			0.0			0.0	0.0	.1		
MAINSTEM-RIVER MILE 135.6 TO 136.0	02A			.1				0.0			
SLOUGH 13 RM 135.7 TRM 0.0	02A					.1	0.0				
SLOUGH 14 RM 135.9 TRM 0.0	02A			.3		.1					
MAINSTEM-RIVER MILE 136.6 TO 137.0	02A			<.05			0.0		0.0		
SLOUGH 15 RM 137.2 TRM 0.0	02A			<.05		.3	.1	0.0	0.0		
MAINSTEM-RIVER MILE 137.6 TO 138.0	02A								.2		

Appendix Table 3-A-45. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
SLOUGH 16 RM 137.7 TRM 0.0	02A			.1		0.0					
MAINSTEM-RIVER MILE 138.1 TO 138.5	02A			.1			0.0	0.0			
SLOUGH 17 RM 138.9 TRM 0.0	02A			.1		0.0					
MAINSTEM-RIVER MILE 139.1 TO 139.5	02A							0.0	<.05		
	05B								4.0		
MAINSTEM-RIVER MILE 141.6 TO 142.0	02A							0.0	.2		
MAINSTEM-RIVER MILE 142.6 TO 143.0	02A							.2			
MAINSTEM-RIVER MILE 143.1 TO 143.5	02A			.1			0.0		.1		
MAINSTEM-RIVER MILE 144.1 TO 144.5	002			1.0	.5						
JACK LONG CREEK RM 144.5 TRM 0.0	02A					0.0	.4	.2		.3	
MAINSTEM-RIVER MILE 145.6 TO 146.0	02A			.2			0.0				
MAINSTEM-RIVER MILE 147.1 TO 147.5	02A								.1		
MAINSTEM-RIVER MILE 147.6 TO 148.0	02A			.3			0.0	.1	.2		
MAINSTEM-RIVER MILE 148.1 TO 148.5	02A							0.0	.2		
MAINSTEM-RIVER MILE 150.1 TO 150.5	02A			.3			.2	.5	.3	0.0	

Appendix Table 3-A-46. Longnose sucker catches at fishwheels located on the Susitna River by two-week sampling period, June through September, 1982.

Site	River Mile	Catch								Total
		June 1-15	June 16-30	July 1-15	July 16-31	August 1-15	August 16-31	September 1-15	September 16-30	
Yentna Station (TRM 6.0)	27.5	-	0	14	2	7	4	1	-	28
Sunshine Station	79.0	6	7	1	1	6	4	2	0	27
Talkeetna Station	103.0	0	1	2	2	0	0	0	-	5
Curry Station	120.0	5	12	4	2	3	4	1	0	31
TOTAL		11	20	21	7	16	12	4	0	91

- = No effort.

Appendix Table 3-A-47. Adult longnose suckers recaptured in the Susitna River below Devil Canyon, 1982.

Tag Number	Date Tagged	Date Recovered	Number of Days Between	Tagging Location	Recovery Location	Movement (Miles)
				Tagged in 1981, recovered in 1982		
2037	060881	071382	400	Sunshine Creek (R.M. 85.7)	same	0
2534	070481	081882	410	Mainstem (R.M. 146.9)	Mainstem-West Bank (R.M. 147.6)	+0.7
2515	061381	091782	461	Indian River (R.M. 138.6)	same	0
				Tagged above the Chulitna River (R.M. 98.5) confluence in 1982		
8002	061182	061382	2	Mainstem -Talkeetna (R.M. 102.0)	same	0
8308	062782	062782	same day	Portage Creek (R.M. 148.8)	Mainstem-East Bank (R.M. 147.6)	-1.2
8242	070782	090782	62	Mainstem-Curry (R.M. 120.0)	same	0
8728	070882	072382	15	Slough 6A (R.M. 112.3)	same	0
8774	070982	071082	1	Whiskers Creek Slough (R.M. 101.2)	same	0
8257	072282	082882	37	Mainstem-Curry (R.M. 120.0)	same	0
10154	081182	081782	6	Jack Long Creek (R.M. 144.5)	Slough 15 (R.M. 137.0)	-7.5
10243	081882	091982	32	Mainstem-eddy (R.M. 150.1)	Jack Long Creek (R.M. 144.5)	-5.6
13000	082282	090182	10	Whiskers Creek Slough (R.M. 101.2)	same	0

+ = Moved upstream
- = Moved downstream.

Appendix Table 3-A-47. (Continued).

Tag Number	Date Tagged	Date Recovered	Number of Days Between	Tagging Location	Recovery Location	Movement (Miles)
			Tagged below the Chulitna River (R.M. 98.5) confluence in 1982			
6295	060582	071082	35	Trapper Creek (R.M. 91.5)	same	0
6399	061082	071082	30	Trapper Creek (R.M. 91.5)	same	0
6405	061082	071382	33	Beaver Pond (R.M. 86.3)	same	0
8871	071382	080282	20	Birch Creek Slough (R.M. 88.4)	Beaver Pond (R.M. 86.3)	-2.1
8974	080282	081382	11	Beaver Pond (R.M. 86.3)	Mainstem-East Channel (R.M. 86.0)	-0.3
14068	090582	090682	1	Mainstem-Sunshine (R.M. 79.0)	Mainstem-East Channel (R.M. 80.0)	+1.0

+ = Moved upstream.
- = Moved downstream.

Appendix Table 3-A-48. Relative spawning maturity of longnose suckers captured in the Susitna River between Cook Inlet and Devil Canyon, May to September, 1982.

Condition of Gonads	Length	Age	Date Captured	Area of Capture	River Mile
Sex - Male					
ripe	293	-	6/4	Mainstem	100.5
ripe	296	-	5/25	Mainstem	78.0
ripe	303	7	6/10	Trapper Ck.	91.5
ripe	304	-	6/5	Birch Ck. Sl.	88.4
ripe	318	-	5/25	Side Channel	85.7
ripe	325	-	6/10	Beaver Pond	86.3
ripe	325	6	6/5	Trapper Ck.	91.5
ripe	326	-	6/4	Mainstem	100.5
ripe	339	-	6/29	Slough 8A	125.5
ripe	350	7	6/5	Talkeetna R.	97.0
ripe	370	7	6/4	Mainstem	101.6
ripe	314	5	9/11	Mainstem-Willow Chan.	44.0
ripe	328	5	9/11	Mainstem-Willow Chan.	44.0
ripe	350	-	9/11	Mainstem - Willow Chan.	46.8
ripe	350	6	9/17	Indian R.	138.6
ripe	356	6	9/13	Mainstem	35.4

Appendix Table 3-A-48 (Continued)

Condition of Gonads	Length	Age	Date Captured	Area of Capture	River Mile
ripe	362	6	9/11	Mainstem - Willow Chan.	43.9
ripe	366	-	9/6	Whiskers Ck.	101.4
ripe	384	7	9/11	Mainstem - Willow Chan.	47.1
ripe	390	6	9/13	Mainstem	35.4
ripe	411	7	9/11	Mainstem - Willow Chan.	44.0
ripe	336	-	6/5	Trapper Ck.	91.5
ripe	345	-	6/5	Trapper Ck.	91.5
ripe	370	7	6/4	Mainstem	101.6
ripe	376	-	5/25	Rabideux Ck.	83.1
ripe	380	-	6/5	Trapper Ck.	91.5
spent	296	-	6/10	Trapper Ck.	91.5
spent	346	7	5/25	Side Channel	85.7
spent	366	-	6/5	Trapper Ck.	91.5
spent	370	7	6/5	Trapper Ck.	91.5

- indicates unknown or no data available.

Appendix Table 3-A-49. Dolly Varden catch at Designated Fish Habitat (DFH) sites in the Susitna River between Goose Creek 2 and Portage Creek by gear type, May through October, 1982.

LOCATION	RIVER MILE	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
SUNSHINE CREEK AND SIDE CHANNEL	85.7	003		1		0		0	0			
		02A	0	0		0		2	0	0		
BIRCH CREEK AND SLOUGH	88.4	02A	0	1		0		0	0	0		
WHISKERS CREEK AND SLOUGH	101.2	010		1	0	0	0	0	0	0	0	
		02A	0	1		0		2	0	0	0	
SLOUGH 6A	112.3	005		0	0	0	1	0	0	0	0	
LANE CREEK AND SLOUGH 8	113.6	005		0	0	0	0	1	0	0	0	
		010		2	1	1	0	0	0	1	0	
		002				0	0	1		0	0	
		02A		0	0	0	0	0	0	1	0	
4TH OF JULY CREEK-MOUTH	131.1	002				0		1		0		
		02A			0		0	0	0	1	0	
INDIAN RIVER-MOUTH	138.6	010		2	0	0	0	0	0	0	0	
		02A			0		0	0	1	0	1	
SLOUGH 20	140.1	010		0	1	0	0	0	0	0	0	0
PORTAGE CREEK-MOUTH	148.8	005		0		0	0	0		0	1	0

Appendix Table 3-A-50. Dolly Varden catch per unit effort (CPUE) at Designated Fish Habitat (DFH) sites in the Susitna River between Goose Creek 2 and Portage Creek by gear type, May through October, 1982. Units are hours for gear 003, minutes for gears 002 and 02A, and units of gear fished for all other gear types.

LOCATION	RIVER MILE	GEAR TYPE	MAY 16-30	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
SUNSHINE CREEK AND SIDE CHANNEL	85.7	003		.3		0.0		0.0	0.0			
		02A	0.0	0.0		0.0		.1	0.0	0.0		
BIRCH CREEK AND SLOUGH	88.4	02A	0.0	<.05		0.0		0.0	0.0	0.0		
WHISKERS CREEK AND SLOUGH	101.2	010		.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
		02A	0.0	<.05		0.0		.1	0.0	0.0	0.0	
SLOUGH 6A	112.3	005		0.0	0.0	0.0	.1	0.0	0.0	0.0	0.0	
LANE CREEK AND SLOUGH 8	113.6	005		0.0	0.0	0.0	0.0	<.05	0.0	0.0	0.0	
		010		.7	.3	.3	0.0	0.0	0.0	.3	0.0	
		002				0.0	0.0	.3		0.0	0.0	
		02A		0.0	0.0	0.0	0.0	0.0	0.0	<.05	0.0	
4TH OF JULY CREEK-MOUTH	131.1	002				0.0		<.05		0.0		
		02A			0.0		0.0	0.0	0.0	<.05	0.0	
INDIAN RIVER-MOUTH	138.6	010		.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
		02A			0.0		0.0	0.0	.1	0.0	<.05	
SLOUGH 20	140.1	010		0.0	.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PORTAGE CREEK-MOUTH	148.8	005		0.0		0.0	0.0	0.0		0.0	.1	0.0

Appendix Table 3-A-51. Dolly Varden catch at Selected Fish Habitat (SFH) sites in the Susitna River below Devil Canyon, May through October, 1982.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 23.1 TO 23.5	02A							1			
MAINSTEM-RIVER MILE 52.6 TO 53.0	02A					0			1		
MAINSTEM-RIVER MILE 57.1 TO 57.5	02A			1				0			
MAINSTEM-RIVER MILE 57.6 TO 58.0	02A					1		0			
GRAY'S CREEK RM 59.5 TRM 0.0	02A					3					
GRAY'S CREEK RM 59.5 TRM .3	02A			3							
KASHWITNA RIVER RM 61.0 TRM .1	02A		1				1				
MAINSTEM-RIVER MILE 62.6 TO 63.0	02A						0	0	1		
GOOSE CREEK 1 RM 72.0 TRM .5	02A		1								
MAINSTEM-RIVER MILE 78.6 TO 79.0	02A	2	0		0		0	0	0		
MAINSTEM-RIVER MILE 79.6 TO 80.0	02A	1	0		0		0	0	0		
MAINSTEM-RIVER MILE 93.6 TO 94.0	02A		4		0		0		0		
TALKEETNA RIVER RM 97.0 TRM 0.0	02A		11		3		0	0	0		

Appendix Table 3-A-51. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 111.1 TO 111.5	010		1								
	003		1	0							
MAINSTEM-RIVER MILE 111.6 TO 112.0	02A		1		0			0			
MAINSTEM-RIVER MILE 120.6 TO 121.0	02A			0		0		0	1		
	010		1	0	0						
SKULL CREEK RM 124.7 TRM 0.0	02A			2		0	0	0	0	0	
MAINSTEM-RIVER MILE 127.6 TO 128.0	02A						1	0	0		
SHERMAN CREEK RM 130.8 TRM 0.0	02A			1		0	0	0	0		
MAINSTEM-RIVER MILE 144.1 TO 144.5	010		1	0	0						

Appendix Table 3-A-52. Dolly Varden catch per unit effort (CPUE) at Selected Fish Habitat (SF.) sites in the Susitna River below Devil Canyon by gear type, May through October, 1982. Units are hours for gear 009, minutes for gears 002 and 02A, and units of gear fished for all other gear types.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 23.1 TO 23.5	02A							<.05			
MAINSTEM-RIVER MILE 52.6 TO 53.0	02A					0.0			<.05		
MAINSTEM-RIVER MILE 57.1 TO 57.5	02A			<.05				0.0			
MAINSTEM-RIVER MILE 57.6 TO 58.0	02A					<.05		0.0			
GRAY'S CREEK RM 59.5 TRM 0.0	02A					.4					
GRAY'S CREEK RM 59.5 TRM .3	02A			.1							
KASHWITNA RIVER RM 61.0 TRM .1	02A		.1				.3				
MAINSTEM-RIVER MILE 62.6 TO 63.0	02A						0.0	0.0	<.05		
GOOSE CREEK 1 RM 72.0 TRM .5	02A		.1								
MAINSTEM-RIVER MILE 78.6 TO 79.0	02A	.1	0.0		0.0		0.0	0.0	0.0		
MAINSTEM-RIVER MILE 79.6 TO 80.0	02A	<.05	0.0		0.0		0.0	0.0	0.0		
MAINSTEM-RIVER MILE 93.6 TO 94.0	02A		.1		0.0		0.0		0.0		

Appendix Table 3-A-52. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
TALKEETNA RIVER RM 97.0 TRM 0.0	02A		.1		.2		0.0	0.0	0.0		
MAINSTEM-RIVER MILE 111.1 TO 111.5	010		.5								
	003		.5	0.0							
MAINSTEM-RIVER MILE 111.6 TO 112.0	02A		<.05		0.0			0.0			
MAINSTEM-RIVER MILE 120.6 TO 121.0	02A			0.0		0.0		0.0	.1		
	010		.5	0.0	0.0						
SKULL CREEK RM 124.7 TRM 0.0	02A			<.05		0.0	0.0	0.0	0.0	0.0	
MAINSTEM-RIVER MILE 127.6 TO 128.0	02A						.1	0.0	0.0		
SHERMAN CREEK RM 130.8 TRM 0.0	02A			.1		0.0	0.0	0.0	0.0		
MAINSTEM-RIVER MILE 144.1 TO 144.5	010		.5	0.0	0.0						

Appendix Table 3-A-53. Dolly Varden catches at fishwheels located on the Susitna River by two-week sampling period, June through September, 1982.

Site	River Mile	Catch								Total
		June 1-15	June 16-30	July 1-15	July 16-31	August 1-15	August 16-31	September 1-15	September 16-30	
Yentna Station (TRM 6.0)	27.5	-	0	0	0	0	0	0	-	0
Sunshine Station	79.0	1	2	2	1	0	1	7	0	14
Talkeetna Station	103.0	1	1	0	0	0	0	0	-	2
Curry Station	120.0	0	4	1	0	0	2	3	1	11
TOTAL		2	7	3	1	0	3	10	1	27

- = No effort.

Appendix Table 3-A-54. Adult Dolly Varden recaptured in the Susitna River below Devil Canyon, 1982.

Tag Number	Date Tagged	Date Recovered	Number of Days Between	Tagging Location	Recovery Location	Movement (Miles)
				Tagged in 1981, recovered in 1982		
2497	081281	052182	280	Kashwitna River (R.M. 61.0)	same	0
				Tagged above the Chulitna River (R.M. 98.5) confluence in 1982		
1757	060782	082482	78	Lane Creek (R.M. 113.6)	Mainstem-Curry (R.M. 120.0)	+6.4
1764	062082	082882	69	Lane Creek (R.M. 113.6)	Mainstem-Curry (R.M. 120.0)	+6.4
8635	062982	090882	71	Skull Creek (R.M. 124.7)	Lane Creek (R.M. 113.6)	-11.1
2786	070882	092682	80	Indian River (R.M. 138.6)	same	0
				Tagged below the Chulitna River (R.M. 98.5) confluence in 1982		
6111	052582	000082	unknown	Mainstem-opposite Montana Creek (R.M. 78.0)	Fish Creek-off Talkeetna R. (R.M. 97.0, TRM 6.0)	+6.0 +0.2
C229	060482	060882	4	Talkeetna River (R.M. 97.0)	same	0

+ = Moved upstream.
- = Moved downstream.

Appendix Table 3-A-55. Threespine stickleback catch at Designated Fish Habitat (DFH) sites in the Susitna River between Goose Creek 2 and Portage Creek by gear type, May through October, 1982.

LOCATION	RIVER MILE	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
GOOSE CREEK 2 AND SIDE CHANNEL	73.1	005		2	3	0	0	0	0	1	1	
WHITEFISH SLOUGH	78.7	005			1	0	0	1	0	0	0	
		003					1	54	7	0	0	
		011						10	6			
RABIDEUX CREEK AND SLOUGH	83.1	005			1		0	0	0	1	0	
		003			0				7	4	0	
		011						0	0	1	0	
SUNSHINE CREEK AND SIDE CHANNEL	85.7	005		1	8	13	4	1	3	2	3	
		002			0					2		
		003		0		0		0	7			
BIRCH CREEK AND SLOUGH	88.4	005		6	8	4	0	2	12	1	0	
		002		2	0		0			2	0	
		003			3	0	0	3		0	0	
		011			0					4	10	
WHISKERS CREEK AND SLOUGH	101.2	005		1	0	0	0	1	5	1	1	
		002								0	1	
		003		0		1		0	0	0	1	
		011								6	0	

Appendix Table 3-A-56. Threespine stickleback catch per unit effort (CPUE) at Designated Fish Habitat (DFH) sites in the Susitna River between Goose Creek 2 and Portage Creek by gear type, May through October, 1982. Units are hours for gear 009, minutes for gears 002 and 02A, and units of gear fished for all other gear types.

LOCATION	RIVER MILE	GEAR TYPE	MAY 16-30	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
GOOSE CREEK 2 AND SIDE CHANNEL	73.1	005		.1	.1	0.0	0.0	0.0	0.0	<.05	.1	
WHITEFISH SLOUGH	78.7	005			.2	0.0	0.0	.1	0.0	0.0	0.0	
		003					1.0	54.0	7.0	0.0	0.0	
		011						10.0	6.0			
RABIDEUX CREEK AND SLOUGH	83.1	005			<.05		0.0	0.0	0.0	<.05	0.0	
		003			0.0				7.0	4.0	0.0	
		011						0.0	0.0	1.0	0.0	
SUNSHINE CREEK AND SIDE CHANNEL	85.7	005		.1	.4	1.3	.4	.1	.1	.1	.2	
		002			0.0					.4		
		003		0.0		0.0		0.0	3.5			
BIRCH CREEK AND SLOUGH	88.4	005		.2	.4	.2	0.0	.1	.3	<.05	0.0	
		002		.2	0.0					.1		
		003			1.0	0.0	0.0	1.0		0.0	0.0	
		011			0.0					2.0	5.0	
WHISKERS CREEK AND SLOUGH	101.2	005		<.05	0.0	0.0	0.0	<.05	.1	<.05	<.05	
		002								0.0	.1	
		003		0.0		.3		0.0	0.0	0.0	.3	
		011								6.0	0.0	

Appendix Table 3-A-57. Threespine stickleback catch at Selected Fish Habitat (SFH) sites in the Susitna River below Devil Canyon, May through October, 1982.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
FISH CREEK RM 7.5 TRM 0.0	02A						1000		0		
ANDERSON CREEK RM 23.8 TRM 0.0	02A						500	0			
MAINSTEM-RIVER MILE 31.1 TO 31.5	02A						1	0	0		
FISH CREEK RM 31.2 TRM 0.0	02A					1					
SLOUGH-EAST BANK RM 31.8 TRM 0.0	02A					2					
WHITSOL LAKE SLOUGH RM 35.2 TRM 0.0	02A					4					
MAINSTEM-RIVER MILE 38.1 TO 38.5	02A					0	50	0	0		
KROTO SLOUGH-TRIBUTARY RM 38.5 TRM 0.0	02A					4					
ROLLY CREEK RM 39.0 TRM 0.0	02A					0	50				
ROLLY CREEK RM 39.0 TRM .3	02A					3					
MAINSTEM-RIVER MILE 79.1 TO 79.5	02A		1		0			0			

Appendix Table 3-A-58. Threespine stickleback catch per unit effort (CPUE) at Selected Fish Habitat (SFH) sites in the Susitna River below Devil Canyon by gear type, May through October, 1982. Units are hours for gear 009, minutes for gears 002 and 02A, and units of gear fished for all other gear types.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
FISH CREEK RM 7.5 TRM 0.0	02A						500.0		0.0		
ANDERSON CREEK RM 23.8 TRM 0.0	02A						166.7	0.0			
MAINSTEM-RIVER MILE 31.1 TO 31.5	02A						.1	0.0	0.0		
FISH CREEK RM 31.2 TRM 0.0	02A					.1					
SLOUGH-EAST BANK RM 31.8 TRM 0.0	02A					.1					
WHITSOL LAKE SLOUGH RM 35.2 TRM 0.0	02A					.2					
MAINSTEM-RIVER MILE 38.1 TO 38.5	02A					0.0	3.8	0.0	0.0		
KROTO SLOUGH-TRIBUTARY RM 38.5 TRM 0.0	02A					.2					
ROLLY CREEK RM 39.0 TRM 0.0	02A					0.0	3.3				
ROLLY CREEK RM 39.0 TRM .3	02A					.1					

Appendix Table 3-A-58. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 79.1 TO 79.5	02A	---	<.05	---	0.0	---	---	0.0	---	---	---

Appendix Table 3-A-59. Slimy sculpin catch during the ice covered months of February through April, 1982 at sites on the Susitna River below Devil Canyon.

Site	River Mile	Gear Type	Catch		
			February	March	April
Deshka River (TRM 3.5)	40.6	Minnow Trap	-	-	1
Kashwitna River	61.0	Minnow Trap	-	-	3
Goose Creek 1	72.0	Minnow Trap	-	1	-
Sunshine Creek	85.7	Minnow Trap	-	-	2
Birch Creek	89.2	Minnow Trap	-	1	1
Whiskers Creek	101.2	Minnow Trap	2	3	-
Slough 8A	126.3	Minnow Trap	-	3	1
Slough 9 (upper)	129.2	Minnow Trap	-	1	-
Slough 11	135.3	Minnow Trap	1	2	3
Slough 20	140.1	Minnow Trap	2	2	1
Slough 22	144.3	Minnow Trap	1	5	7

Appendix T[illegible] 3-A-60. Slimy sculpin catch at Designated Fish Habitat (DFH) sites in the Susitna River between Goose Creek 2 and Portage Creek by gear type, May through October, 1982.

LOCATION	RIVER MILE	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
GOOSE CREEK 2 AND SIDE CHANNEL	73.1	005		1	1	1	2	0	0	0	1	
		002			0		0			2		
		003		2	0	2	2	0	1	3	1	
		02A		0		3		0	0	0		
WHITEFISH SLOUGH	78.7	005			0	0	0	1	0	0	0	
		003					1	0	0	0	2	
RABIDEUX CREEK AND SLOUGH	83.1	005			6		3	3	0	12	2	
		003			6				9	1	0	
SUNSHINE CREEK AND SIDE CHANNEL	85.7	005		0	0	1	2	3	0	0	0	
		002			1					34		
		003		1		0		0	12			
		02A	0	0		0		1	1	0		
BIRCH CREEK AND SLOUGH	88.4	005		3	5	1	0	1	8	2	0	
		002		0	9		0			11	9	
		003			1	3	2	6		1	2	
		011			0					15	11	
WHISKERS CREEK AND SLOUGH	101.2	005		3	6	3	2	1	1	0	0	
		002								13	53	
		003		0		10		9	0	0	0	
		02A	2	0		1		0	2	1	0	
SLOUGH 6A	112.3	005		1	0	0	0	1	2	0	2	
		002								5		
		003		1	0	7	3		4	1	1	

Appendix Table 3-A-60. Continued.

LOCATION	RIVER MILE	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
LANE CREEK AND SLOUGH 8	113.6	005		0	1	0	0	0	0	2	0	
		002				0	6	8		11	28	
		003		0	0	0	0		0	1	0	
		02A		0	2	0	0	0	0	0	0	
SLOUGH 8A	125.3	002				1				3	0	
		003		0	2	3	0	30	1		2	
		02A			1		0	0	0	0	0	
		011				0				0	1	
SLOUGH 9	129.2	005		0	2	0	0	0	0	0	0	
		002				6		4		0	0	
		003		0	2	0	0		0	0	0	
4TH OF JULY CREEK-MOUTH	131.1	005		0	1	0	1	0	0	0	0	
		002				1		8		3		
		02A			1		1	0	0	0	0	
SLOUGH 11	135.3	002			0	0		2				
INDIAN RIVER-MOUTH	138.6	005		0	1	1	2	0	0	1	0	
		002			0	3						
		02A			1		1	0	0	0	0	
		011				1						
SLOUGH 19	140.0	002			0	0			1	0		
		003			0	2	2	1			0	
SLOUGH 20	140.1	005		0	0	1	0	0	0	0	0	0
		002			0	6		2		0		

Appendix Table 3-A-60. Continued.

LOCATION	RIVER MILE	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
SLOUGH 20	140.1	003			0		15		0		0	0
		02A					0	2	0	0	0	
SLOUGH 21	142.0	005		0	0	0	0	0	0	0	1	
		002			0	6			4	0		
		02A			0		1					
PORTAGE CREEK-MOUTH	148.8	005		0		0	0	1		1	0	0
		02A			1		0	0	0	0	0	

Appendix Table 3-A-61. Slimy sculpin catch per unit effort (CPUE) at Designated Fish Habitat (DFH) sites in the Susitna River between Goose Creek 2 and Portage Creek by gear type, May through October, 1982. Units are hours for gear 009, minutes for gears 002 and 02A, and units of gear fished for all other gear types.

LOCATION	RIVER MILE	GEAR TYPE	MAY 16-30	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
GOOSE CREEK 2 AND SIDE CHANNEL	73.1	005		.1	<.05	<.05	.1	0.0	0.0	0.0	.1	
		002			0.0		0.0			.3		
		003		.7	0.0	.7	.7	0.0	1.0	1.5	.5	
		02A		0.0		.3		0.0	0.0	0.0		
WHITEFISH SLOUGH	78.7	005			0.0	0.0	0.0	.1	0.0	0.0	0.0	
		003					1.0	0.0	0.0	0.0	2.0	
RABIDEUX CREEK AND SLOUGH	83.1	005			.3		.1	.1	0.0	.4	.1	
		003			3.0				9.0	1.0	0.0	
SUNSHINE CREEK AND SIDE CHANNEL	85.7	005		0.0	0.0	.1	.2	.3	0.0	0.0	0.0	
		002			.1					6.1		
		003		.3		0.0		0.0	6.0			
		02A	0.0	0.0		0.0		<.05	<.05	0.0		
BIRCH CREEK AND SLOUGH	88.4	005		.1	.2	<.05	0.0	.1	.2	.1	0.0	
		002		0.0	.3					.4		
		003			.3	1.0	1.0	2.0		1.0	1.0	
		011			0.0					7.5	5.5	
WHISKERS CREEK AND SLOUGH	101.2	005		.1	.2	.1	.1	<.05	< 05	0.0	0.0	
		002								1.0	3.3	
		003		0.0		3.3		4.5	0.0	0.0	0.0	
		02A	.1	0.0		.1		0.0	.1	.1	0.0	
SLOUGH 6A	112.3	005		.1	0.0	0.0	0.0	.1	.1	0.0	.2	
		002								.4		

Appendix Table 3-A-61. Continued.

LOCATION	RIVER MILE	GEAR TYPE	MAY 16-30	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
SLOUGH 6A	112.3	003		1.0	0.0	7.0	1.5		2.0	1.0	.5	
LANE CREEK AND SLOUGH 8	113.6	005		0.0	<.05	0.0	0.0	0.0	0.0	.1	0.0	
		002				0.0	1.5	2.0		.5	4.0	
		003		0.0	0.0	0.0	0.0		0.0	1.0	0.0	
		02A		0.0	<.05	0.0	0.0	0.0	0.0	0.0	0.0	
SLOUGH 8A	125.3	002				<.05				.1	0.0	
		003		0.0	1.0	1.5	0.0	15.0	.5		2.0	
		02A			<.05		0.0	0.0	0.0	0.0	0.0	
		011				0.0				0.0	1.0	
SLOUGH 9	129.2	005		0.0	.1	0.0	0.0	0.0	0.0	0.0	0.0	
		002				.8		1.8		0.0	0.0	
		003		0.0	.7	0.0	0.0		0.0	0.0	0.0	
4TH OF JULY CREEK-MOUTH	131.1	005		0.0	<.05	0.0	<.05	0.0	0.0	0.0	0.0	
		002				.3		.2		.1		
		02A			<.05		<.05	0.0	0.0	0.0	0.0	
SLOUGH 11	135.3	002			0.0	0.0		2.0				
INDIAN RIVER-MOUTH	138.6	005		0.0	<.05	.1	.1	0.0	0.0	.1	0.0	
		002			0.0	3.5						
		02A			<.05		.1	0.0	0.0	0.0	0.0	
		011				1.0						
SLOUGH 19	140.0	002			0.0	0.0			.3	0.0		
		003			0.0	2.0	1.0	1.0			0.0	
SLOUGH 20	140.1	005		0.0	0.0	<.05	0.0	0.0	0.0	0.0	0.0	0.0

Appendix Table 3-A-61. Continued.

LOCATION	RIVER MILE	GEAR TYPE	MAY 16-30	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
SLOUGH 20	140.1	002			0.0	1.4		1.6		0.0		
		003			0.0		5.0		0.0		0.0	0.0
		02A					0.0	.3	0.0	0.0	0.0	
SLOUGH 21	142.0	005		0.0	0.0	0.0	0.0	0.0	0.0	0.0	<.05	
		002			0.0	1.0			1.4	0.0		
		02A			0.0		<.05					
PORTAGE CREEK-MOUTH	148.8	005		0.0		0.0	0.0	.1		.1	0.0	0.0
		02A			<.05		0.0	0.0	0.0	0.0	0.0	

Appendix Table 3-A-62. Slimy sculpin catch at Selected Fish Habitat (SFH) sites in the Susitna River below Devil Canyon May through October, 1982.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
ROLLY CREEK RM 39.0 TRM .3	02A					3					
MAINSTEM-RIVER MILE 47.1 TO 47.5	02A						0		1		
MAINSTEM-RIVER MILE 57.1 TO 57.5	02A			3				0			
GRAY'S CREEK RM 59.5 TRM .3	02A			1							
CASWELL CREEK RM 63.0 TRM 0.0	02A							1	0		
MAINSTEM-RIVER MILE 71.6 TO 72.0	02A						0	1	0		
GOOSE CREEK 1 RM 72.0 TRM .5	02A		1								
MAINSTEM-RIVER MILE 78.6 TO 79.0	02A	2	0		2		0	0	0		
MAINSTEM-RIVER MILE 79.6 TO 80.0	02A	2	0		0		0	0	0		
MAINSTEM-RIVER MILE 85.6 TO 86.0	02A		1		0		0	0	0		
MAINSTEM-RIVER MILE 93.6 TO 94.0	02A		0		1		0		0		
SLOUGH 1 RM 99.6 TRM 0.0	02A				1		0	1			
MAINSTEM-RIVER MILE 101.6 TO 102.0	02A		0				0	4	2		

Appendix Table 3-A-62. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 102.6 TO 103.0	02A		0		2		0	0	0		
MAINSTEM-RIVER MILE 105.1 TO 105.5	02A							1	0		
MAINSTEM-RIVER MILE 111.1 TO 111.5	002					8					
	003		0	3							
MAINSTEM-RIVER MILE 115.6 TO 116.0	02A								1		
UPPER MCKENZIE CREEK RM 116.7 TRM 0.0	02A			1		0			0	0	
MAINSTEM-RIVER MILE 120.6 TO 121.0	003		0	0	0	1					
SLOUGH 8B RM 122.2 TRM 0.0	02A			4		0					
SKULL CREEK RM 124.7 TRM 0.0	02A			0		1	0	0	0	0	
MAINSTEM-RIVER MILE 129.1 TO 129.5	02A			1				0	0		
MAINSTEM-RIVER MILE 130.6 TO 131.0	02A			4							
MAINSTEM-RIVER MILE 133.6 TO 134.0	05A		1								
SLOUGH 10 RM 133.8 TRM 0.0	02A			1			0	0		0	
MAINSTEM-RIVER MILE 135.1 TO 135.5	02A			2			0	0	0		

Appendix Table 3-A-62. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 135.6 TO 136.0	02A			1				0			
SLOUGH 14 RM 135.9 TRM 0.0	02A			1		0					
MAINSTEM-RIVER MILE 136.6 TO 137.0	005						1				
SLOUGH 15 RM 137.2 TRM 0.0	02A			1		0	0	0	0		
MAINSTEM-RIVER MILE 137.6 TO 138.0	02A								1		
MAINSTEM-RIVER MILE 138.1 TO 138.5	02A			2			0	0			
MAINSTEM-RIVER MILE 141.1 TO 141.5	02A			2							
MAINSTEM-RIVER MILE 144.1 TO 144.5	002			5	6						
JACK LONG CREEK RM 144.5 TRM 0.0	02A					0	0	1	0	0	
MAINSTEM-RIVER MILE 150.1 TO 150.5	02A			2			0	0	0	0	

Appendix Table 3-A-63. Slimy sculpin catch per unit effort (CPUE) at Selected Fish Habitat (SFH) sites in the Susitna River below Devil Canyon by gear type, May through October, 1982. Units are hours for gear 009, minutes for gears 002 and 02a, and units of gear fished for all other gear types.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
ROLLY CREEK RM 39.0 TRM .3	02A					.1					
MAINSTEM-RIVER MILE 47.1 TO 47.5	02A						0.0		.1		
MAINSTEM-RIVER MILE 57.1 TO 57.5	02A			.1				0.0			
GRAY'S CREEK RM 59.5 TRM .3	02A			<.05							
CASWELL CREEK RM 63.0 TRM 0.0	02A							.1	0.0		
MAINSTEM-RIVER MILE 71.6 TO 72.0	02A						0.0	<.05	0.0		
GOOSE CREEK 1 RM 72.0 TRM .5	02A		.1								
MAINSTEM-RIVER MILE 78.6 TO 79.0	02A	.1	0.0		.1		0.0	0.0	0.0		
MAINSTEM-RIVER MILE 79.6 TO 80.0	02A	.1	0.0		0.0		0.0	0.0	0.0		
MAINSTEM-RIVER MILE 85.6 TO 86.0	02A		.1		0.0		0.0	0.0	0.0		
MAINSTEM-RIVER MILE 93.6 TO 94.0	02A		0.0		.1		0.0		0.0		
SLOUGH 1 RM 99.6 TRM 0.0	02A				<.05		0.0	.3			

Appendix Table 3-A-63. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 101.6 TO 102.0	02A		0.0				0.0	.1	.1		
MAINSTEM-RIVER MILE 102.6 TO 103.0	02A		0.0		.1		0.0	0.0	0.0		
MAINSTEM-RIVER MILE 105.1 TO 105.5	02A							<.05	0.0		
MAINSTEM-RIVER MILE 111.1 TO 111.5	002					1.6					
	003		0.0	3.0							
MAINSTEM-RIVER MILE 115.6 TO 116.0	02A								<.05		
UPPER MCKENZIE CREEK RM 116.7 TRM 0.0	02A			.2		0.0			0.0	0.0	
MAINSTEM-RIVER MILE 120.6 TO 121.0	003		0.0	0.0	0.0	1.0					
SLOUGH 8B RM 122.2 TRM 0.0	02A			.4		0.0					
SKULL CREEK RM 124.7 TRM 0.0	02A			0.0		<.05	0.0	0.0	0.0	0.0	
MAINSTEM-RIVER MILE 129.1 TO 129.5	02A			<.05					0.0		
MAINSTEM-RIVER MILE 130.6 TO 131.0	02A			.3							
MAINSTEM-RIVER MILE 133.6 TO 134.0	05A		1.0								
SLOUGH 10 RM 133.8 TRM 0.0	02A			<.05			0.0	0.0		0.0	

Appendix Table 3-A-63. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 135.1 TO 135.5	02A			.1			0.0	0.0	0.0		
MAINSTEM-RIVER MILE 135.6 TO 136.0	02A			.1				0.0			
SLOUGH 14 RM 135.9 TRM 0.0	02A			.1		0.0					
MAINSTEM-RIVER MILE 136.6 TO 137.0	005						1.0				
SLOUGH 15 RM 137.2 TRM 0.0	02A			<.05		0.0	0.0	0.0	0.0		
MAINSTEM-RIVER MILE 137.6 TO 138.0	02A								.1		
MAINSTEM-RIVER MILE 138.1 TO 138.5	02A			.2			0.0	0.0			
MAINSTEM-RIVER MILE 141.1 TO 141.5	02A			.3							
MAINSTEM-RIVER MILE 144.1 TO 144.5	002			1.7	1.6						
JACK LONG CREEK RM 144.5 TRM 0.0	02A					0.0	0.0	.1		0.0	
MAINSTEM-RIVER MILE 150.1 TO 150.5	02A			.1			0.0	0.0	0.0	0.0	

Appendix Table 3-A-64. Arctic lamprey catch at Designated Fish Habitat (DFH) sites in the Susitna River between Goose Creek 2 and Portage Creek by gear type, May through October, 1982.

LOCATION	RIVER MILE	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
SUNSHINE CREEK AND SIDE CHANNEL	85.7	002			1					0		
BIRCH CREEK AND SLOUGH	88.4	005		1	1	0	0	0	0	0	0	
		002		6	2		0			21	0	
WHISKERS CREEK AND SLOUGH	101.2	005		0	3	0	0	0	0	0	0	

Appendix Table 3-A-65. Arctic lamprey catch per unit effort (CPUE) at Designated Fish Habitat (DFH) sites in the Susitna River between Goose Creek 2 and Portage Creek by gear type, May through October, 1982. Units are hours for gear 009, minutes for gears 002 and 02A, and units of gear fished for all other gear types.

LOCATION	RIVER MILE	GEAR TYPE	MAY 16-30	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
SUNSHINE CREEK AND SIDE CHANNEL	85.7	002			.1					0.0		
BIRCH CREEK AND SLOUGH	88.4	005		<.05	<.05	0.0	0.0	0.0	0.0	0.0	0.0	
		002		.5	.1					.8		
WHISKERS CREEK AND SLOUGH	101.2	005		0.0	.1	0.0	0.0	0.0	0.0	0.0	0.0	

Appendix T ble 3-A-66. Arctic lamprey catch at Selected Fish Habitat (SFH) sites in the Susitna River below Devil Canyon, May through October, 1982.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 21.1 TO 21.5	02A								2		
ROLLY CREEK RM 39.0 TRM 0.0	02A					0	2				
ROLLY CREEK RM 39.0 TRM .3	02A					2					
DESHKA RIVER RM 40.6 TRM .3	02A					2					
MAINSTEM-RIVER MILE 57.6 TO 58.0	02A					1		0			

Appendix Table 3-A-67. Arctic lamprey catch per unit effort (CPUE) at Selected Fish Habitat (SFH) sites in the Susitna River below Devil Canyon by gear type, May through October, 1982. Units are hours for gear 009, minutes for gears 002 and 02A, and units of gear fished for all other gear types.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 21.1 TO 21.5	02A								.1		
ROLLY CREEK RM 39.0 TRM 0.0	02A					0.0	.1				
ROLLY CREEK RM 39.0 TRM .3	02A					.1					
DESHKA RIVER RM 40.6 TRM .3	02A					<.05					
MAINSTEM-RIVER MILE 57.6 TO 58.0	02A					<.05		0.0			

Appendix Table 3-A-68. Chinook salmon juvenile catch at Designated Fish Habitat (DFH) sites in the Susitna River between Goose Creek 2 and Portage Creek by gear type, May through October, 1982.

LOCATION	RIVER MILE	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
GOOSE CREEK 2 AND SIDE CHANNEL	73.1	005		0	8	130	24	16	0	2	1	
		002			1		0			0		
		003		0	0	6	2	0	0	1	0	
		02A		1		4		1	0	3		
WHITEFISH SLOUGH	78.7	005			10	0	0	0	0	0	0	
		003					1	0	2	0	0	
		02A		0		3		0	0	0		
RABIDEUX CREEK AND SLOUGH	83.1	005			39		57	3	1	0	1	
		003			11				0	0	0	
		02A	3			5		0	0	0		
		011						1	0	0	0	
SUNSHINE CREEK AND SIDE CHANNEL	85.7	005		9	47	4	40	10	0	2	0	
		002			4					0		
		003		2		0		0	0			
		02A	1	0		0		1	1	0		
BIRCH CREEK AND SLOUGH	88.4	005		3	20	0	35	0	1	0	0	
		002		0	2		0			0	0	
		003			0	0	0	1		0	0	
		011			0					1	0	
WHISKERS CREEK AND SLOUGH	101.2	005		1	44	5	4	6	7	30	2	
		002								0	1	
		003		0		1		0	0	4	0	
		02A	2	3		1		0	0	1	0	

Appendix Table 3-A-68. Continued.

LOCATION	RIVER MILE	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
SLOUGH 6A	112.3	005		1	9	4	2	0	0	1	0	
		002								3		
		003		9	0	1	6		1	3	3	
		011								1		
LANE CREEK AND SLOUGH 8	113.6	005		0	0	2	2	3	6	1	4	
		002				0	1	5		7	5	
		003		0	0	0	0		3	1	0	
SLOUGH 8A	125.3	005		0	0	0	2	0	6	0	0	
		002				1				6	0	
		003		0	1	0	2	0	5		0	
		02A			3		0	0	0	1	0	
		011				0				1	0	
SLOUGH 9	129.2	005		4	2	0	0	0	2	0	6	
		002				1		2		2	0	
		003		0	2	0	0		5	0	0	
4TH OF JULY CREEK-MOUTH	131.1	005		0	1	3	5	1	0	0	0	
		002				2		6		8		
		003			0		5		0		0	
		02A			10		0	0	0	0	0	
SLOUGH 11	135.3	005		0	0	0	0	1	2	0	0	
		002			0	0		2				
		003					0		1	1	0	
		02A			1		0			1		
INDIAN RIVER-MOUTH	138.6	005		0	0	0	1	5	5	1	0	
		002			1	1						

Appendix Table 3-A-68. Continued.

LOCATION	RIVER MILE	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
INDIAN RIVER-MOUTH	138.6	003						0	3	0		
SLOUGH 19	140.0	005		0	0	0	0	0	0	1	3	
		002			0	0			2	2		
		003			0	0	0	0			3	
SLOUGH 20	140.1	005		0	0	4	0	0	0	0	0	0
		002			0	1		2		2		
		003			0		2		2		0	0
		02A					0	1	0	1	0	
SLOUGH 21	142.0	005		0	0	0	0	0	2	0	1	
		002			0	0			1	22		
		003			0		1	12			5	

Appendix Table 3-A-69. Chinook salmon juvenile catch per unit effort (CPUE) at Designated Fish Habitat (DFH) sites in the Susitna River between Goose Creek 2 and Portage Creek by gear type, May through October, 1982. Units are hours for gear 009, minutes for gears 002 and 02A, and units of gear fished for all other gear types.

LOCATION	RIVER MILE	GEAR TYPE	MAY 16-30	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
GOOSE CREEK 2 AND SIDE CHANNEL	73.1	005		0.0	.4	6.2	1.6	.8	0.0	.1	.1	
		002			.2		0.0			0.0		
		003		0.0	0.0	2.0	.7	0.0	0.0	.5	0.0	
		02A		<.05		.3		.1	0.0	.6		
WHITEFISH SLOUGH	78.7	005			2.0	0.0	0.0	0.0	0.0	0.0	0.0	
		003					1.0	0.0	2.0	0.0	0.0	
		02A		0.0		.2		0.0	0.0	0.0		
RABIDEUX CREEK AND SLOUGH	83.1	005			1.9		2.7	.1	<.05	0.0	.1	
		003			5.5				0.0	0.0	0.0	
		02A	.2			.1		0.0	0.0	0.0		
		011						1.0	0.0	0.0	0.0	
SUNSHINE CREEK AND SIDE CHANNEL	85.7	005		.6	2.2	.4	4.0	1.0	0.0	.1	0.0	
		002			.4					0.0		
		003		.7		0.0		0.0	0.0			
		02A	<.05	0.0		0.0		<.05	<.05	0.0		
BIRCH CREEK AND SLOUGH	88.4	005		.1	1.0	0.0	1.7	0.0	<.05	0.0	0.0	
		002		0.0	.1					0.0		
		003			0.0	0.0	0.0	.3		0.0	0.0	
		011			0.0					.5	0.0	
WHISKERS CREEK AND SLOUGH	101.2	005		<.05	1.5	.2	.2	.3	.2	1.2	.1	
		002								0.0	.1	
		003		0.0		.3		0.0	0.0	4.0	0.0	
		02A	.1	.1		.1		0.0	0.0	.1	0.0	

Appendix Table 3-A-69. Continued.

LOCATION	RIVER MILE	GEAR TYPE	MAY 16-30	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
SLOUGH 6A	112.3	005		.1	.6	.3	.1	0.0	0.0	.1	0.0	
		002								.3		
		003		9.0	0.0	1.0	3.0		.5	3.0	1.5	
		011								1.0		
LANE CREEK AND SLOUGH 8	113.6	005		0.0	0.0	.1	.1	.1	.3	<.05	.3	
		002				0.0	.3	1.2		.3	.7	
		003		0.0	0.0	0.0	0.0		3.0	1.0	0.0	
SLOUGH 8A	125.3	005		0.0	0.0	0.0	.1	0.0	.3	0.0	0.0	
		002				<.05				.1	0.0	
		003		0.0	.5	0.0	1.0	0.0	2.5		0.0	
		02A			.1		0.0	0.0	0.0	.1	0.0	
		011				0.0				1.0	0.0	
SLOUGH 9	129.2	005		.3	.1	0.0	0.0	0.0	.2	0.0	.3	
		002				.1		.9		.1	0.0	
		003		0.0	.7	0.0	0.0		2.5	0.0	0.0	
4TH OF JULY CREEK-MOUTH	131.1	005		0.0	<.05	.2	.3	<.05	0.0	0.0	0.0	
		002				.7		.1		.4		
		003			0.0		5.0		0.0		0.0	
		02A			.4		0.0	0.0	0.0	0.0	0.0	
SLOUGH 11	135.3	005		0.0	0.0	0.0	0.0	<.05	.1	0.0	0.0	
		002			0.0	0.0		2.0				
		003					0.0		.3	.5	0.0	
		02A			<.05		0.0			.1		
INDIAN RIVER-MOUTH	138.6	005		0.0	0.0	0.0	<.05	.3	.3	.1	0.0	

Appendix Table 3-A-69. Continued.

LOCATION	RIVER MILE	GEAR TYPE	MAY 16-30	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
INDIAN RIVER-MOUTH	138.6	002			.2	1.2						
		003						0.0	3.0	0.0		
SLOUGH 19	140.0	005		0.0	0.0	0.0	0.0	0.0	0.0	.1	.3	
		002			0.0	0.0			.6	.8		
		003			0.0	0.0	0.0	0.0			3.0	
SLOUGH 20	140.1	005		0.0	0.0	.1	0.0	0.0	0.0	0.0	0.0	0.0
		002			0.0	.2		1.6		.5		
		003			0.0		.7		2.0		0.0	0.0
		02A					0.0	.1	0.0	.1	0.0	
SLOUGH 21	142.0	005		0.0	0.0	0.0	0.0	0.0	.1	0.0	<.05	
		002			0.0	0.0			.3	1.0		
		003			0.0		1.0	6.0			2.5	

Appendix Table 3-A-70. Chinook salmon juvenile catch at Selected Fish Habitat (SFH) sites in the Susitna River below Devil Canyon, May through October, 1982.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 17.6 TO 18.0	02A						0	0	2		
FISH CREEK RM 31.2 TRM 0.0	02A					1					
SLOUGH-EAST BANK RM 31.8 TRM 0.0	02A					1					
KROTO SLOUGH-TRIBUTARY RM 38.5 TRM 0.0	02A					13					
ROLLY CREEK RM 39.0 TRM 0.0	02A					1	0				
DESHKA RIVER RM 40.6 TRM .3	02A					1					
LITTLE WILLOW CREEK RM 50.5 TRM 0.0	02A			3		5					
MAINSTEM-RIVER MILE 57.1 TO 57.5	02A			9				0			
MAINSTEM-RIVER MILE 57.6 TO 58.0	02A					1		0			
MAINSTEM-RIVER MILE 59.1 TO 59.5	02A		1					0			
GRAY'S CREEK RM 59.5 TRM .3	02A			3							
MAINSTEM-RIVER MILE 60.1 TO 60.5	02A	1						0			

Appendix Table 3-A-70. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
KASHWITNA RIVER RM 61.0 TRM .1	02A		0				5				
CASWELL CREEK RM 63.0 TRM 0.0	02A							1	1		
MAINSTEM-RIVER MILE 68.1 TO 68.5	02A				1		0	0	0		
MAINSTEM-RIVER MILE 71.6 TO 72.0	02A						0	1	0		
MONTANA CREEK RM 77.0 TRM 0.0	02A	0	1						0		
MAINSTEM-RIVER MILE 78.6 TO 79.0	02A	1	0		0		0	0	0		
MAINSTEM-RIVER MILE 79.6 TO 80.0	02A	3	0		0		0	0	0		
BEAVER POND RM 86.3 TRM 0.0	02A		7		0		1	0			
MAINSTEM-RIVER MILE 91.1 TO 91.5	02A						0	1			
TRAPPER CREEK RM 91.5 TRM 0.0	02A		2		1		0	0	0		
MAINSTEM-RIVER MILE 93.6 TO 94.0	02A		4		0		0		0		
BILLION SLOUGH RM 97.9 TRM 0.0	02A				1		0	3			

Appendix Table 3-A-70. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
TALKEETNA RIVER RM 97.0 TRM 0.0	02A		0		3		0	0	0		
SLOUGH 1 RM 99.6 TRM 0.0	02A				0		1	0			
MAINSTEM-RIVER MILE 100.1 TO 100.5	02A		11					0	0		
MAINSTEM-RIVER MILE 101.6 TO 102.0	02A		2				0	0	0		
MAINSTEM-RIVER MILE 111.1 TO 111.5	002					44					
MAINSTEM-RIVER MILE 111.6 TO 112.0	02A		1		1			0			
MAINSTEM-RIVER MILE 114.1 TO 114.5	02A		4		0			0	0		
MAINSTEM-RIVER MILE 120.6 TO 121.0	003		1	0	1	4					
	005		0	1	0	0					
SLOUGH-EAST BANK RM 123.6 TRM 0.0	02A						1				
SKULL CREEK RM 124.7 TRM 0.0	02A			2		0	1	0	0	1	
MAINSTEM-RIVER MILE 129.1 TO 129.5	02A			1				0	0		
MAINSTEM-RIVER MILE 130.1 TO 130.5	02A						0	1	1		
MAINSTEM-RIVER MILE 130.6 TO 131.0	02A			2							

Appendix Table 3-A-70. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
SHERMAN CREEK RM 130.8 TRM 0.0	02A			1		0	0	0	0		
MAINSTEM-RIVER MILE 133.6 TO 134.0	005		1								
SLOUGH 10 RM 133.8 TRM 0.0	02A			1			0	0		0	
MAINSTEM-RIVER MILE 135.1 TO 135.5	02A			1			0	0	0		
MAINSTEM-RIVER MILE 135.6 TO 136.0	02A			1				0			
SLOUGH 13 RM 135.7 TRM 0.0	02A					3	0				
SLOUGH 14 RM 135.9 TRM 0.0	02A			3		0					
MAINSTEM-RIVER MILE 136.6 TO 137.0	005						1				
SLOUGH 15 RM 137.2 TRM 0.0	02A			1		0	1	0	0		
MAINSTEM-RIVER MILE 137.6 TO 138.0	005		1								
SLOUGH 17 RM 138.9 TRM 0.0	02A			3		0					
MAINSTEM-RIVER MILE 144.1 TO 144.5	002			0	2						
	005		0	0	2						

Appendix Table 3-1-70. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
JACK LONG CREEK RM 144.5 TRM 0.0	02A					0	2	0	0	0	
MAINSTEM-RIVER MILE 145.6 TO 146.0	02A			1			0				

Appendix Table 3-A-71. Chinook salmon juvenile catch per unit effort (CPUE) at Selected Fish Habitat (SFH) sites in the Susitna River below Devil Canyon by gear type, May through October, 1982. Units are hours for gear 009, minutes for gears 002 and 02A, and units of gear fished for all other gear types.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 17.6 TO 18.0	02A						0.0	0.0	.2		
FISH CREEK RM 31.2 TRM 0.0	02A					.1					
SLOUGH-EAST BANK RM 31.8 TRM 0.0	02A					.1					
KROTO SLOUGH-TRIBUTARY RM 38.5 TRM 0.0	02A					.5					
ROLLY CREEK RM 39.0 TRM 0.0	02A					.1	0.0				
DESHKA RIVER RM 40.6 TRM .3	02A					<.05					
LITTLE WILLOW CREEK RM 50.5 TRM 0.0	02A			.2		.5					
MAINSTEM-RIVER MILE 57.1 TO 57.5	02A			.3				0.0			
MAINSTEM-RIVER MILE 57.6 TO 58.0	02A					<.05		0.0			
MAINSTEM-RIVER MILE 59.1 TO 59.5	02A		.1					0.0			
GRAY'S CREEK RM 59.5 TRM .3	02A			.1							

Appendix Table 3-A-71. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 60.1 TO 60.5	02A	<.05						0.0			
KASHWITNA RIVER RM 61.0 TRM .1	02A		0.0				1.7				
CASWELL CREEK RM 63.0 TRM 0.0	02A							.1	.1		
MAINSTEM-RIVER MILE 68.1 TO 68.5	02A				.1		0.0	0.0	0.0		
MAINSTEM-RIVER MILE 71.6 TO 72.0	02A						0.0	<.05	0.0		
MONTANA CREEK RM 77.0 TRM 0.0	02A	0.0	<.05						0.0		
MAINSTEM-RIVER MILE 78.6 TO 79.0	02A	<.05	0.0		0.0		0.0	0.0	0.0		
MAINSTEM-RIVER MILE 79.6 TO 80.0	02A	.1	0.0		0.0		0.0	0.0	0.0		
BEAVER POND RM 86.3 TRM 0.0	02A		.3		0.0		<.05	0.0			
MAINSTEM-RIVER MILE 91.1 TO 91.5	02A						0.0	.1			
TRAPPER CREEK RM 91.5 TRM 0.0	02A		<.05		<.05		0.0	0.0	0.0		
MAINSTEM-RIVER MILE 93.6 TO 94.0	02A		.1		0.0		0.0		0.0		

Appendix Table 3-A-71. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
BILLION SLOUGH RM 97.9 TRM 0.0	02A				<.05		0.0	.5			
TALKEETNA RIVER RM 97.0 TRM 0.0	02A		0.0		.2		0.0	0.0	0.0		
SLOUGH 1 RM 99.6 TRM 0.0	02A				0.0		.1	0.0			
MAINSTEM-RIVER MILE 100.1 TO 100.5	02A		.2					0.0	0.0		
MAINSTEM-RIVER MILE 101.6 TO 102.0	02A		.1				0.0	0.0	0.0		
MAINSTEM-RIVER MILE 111.1 TO 111.5	002					8.8					
MAINSTEM-RIVER MILE 111.6 TO 112.0	02A		<.05		<.05			0.0			
MAINSTEM-RIVER MILE 114.1 TO 114.5	02A		.2		0.0			0.0	0.0		
MAINSTEM-RIVER MILE 120.6 TO 121.0	003		.5	0.0	.5	4.0					
	005		0.0	.1	0.0	0.0					
SLOUGH-EAST BANK RM 123.6 TRM 0.0	02A						.1				
SKULL CREEK RM 124.7 TRM 0.0	02A			<.05		0.0	.1	0.0	0.0	.1	
MAINSTEM-RIVER MILE 129.1 TO 129.5	02A			<.05					0.0		
MAINSTEM-RIVER MILE 130.1 TO 130.5	02A						0.0	.2	.1		

Appendix Table 3-A-71. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 130.6 TO 131.0	02A			.2							
SHERMAN CREEK RM 130.8 TRM 0.0	02A			.1		0.0	0.0	0.0	0.0		
MAINSTEM-RIVER MILE 133.6 TO 134.0	005		.1								
SLOUGH 10 RM 133.8 TRM 0.0	02A			<.05			0.0	0.0		0.0	
MAINSTEM-RIVER MILE 135.1 TO 135.5	02A			.1			0.0	0.0	0.0		
MAINSTEM-RIVER MILE 135.6 TO 136.0	02A			.1				0.0			
SLOUGH 13 RM 135.7 TRM 0.0	02A					.2	0.0				
SLOUGH 14 RM 135.9 TRM 0.0	02A			.2		0.0					
MAINSTEM-RIVER MILE 136.6 TO 137.0	005						1.0				
SLOUGH 15 RM 137.2 TRM 0.0	02A			<.05		0.0	.1	0.0	0.0		
MAINSTEM-RIVER MILE 137.6 TO 138.0	005		.2								
SLOUGH 17 RM 138.9 TRM 0.0	02A			.2		0.0					

Appendix Table 3-A-71. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
MAINSTEM-RIVER MILE 144.1 TO 144.5	002			0.0	.5						
MAINSTEM-RIVER MILE 144.1 TO 144.5	005		0.0	0.0	.1						
JACK LONG CREEK RM 144.5 TRM 0.0	02A					0.0	.1	0.0		0.0	
MAINSTEM-RIVER MILE 145.6 TO 146.0	02A			.1			0.0				

Appendix Table 3-A-72. Chinook salmon juvenile total catch at DFH sites on the Susitna River between Goose Creek 2 and Slough 21, February through April, 1982.

Site	River Mile	February	March	April	Site Total
Goose Creek 2 and Side Channel	73.1	0	0	0	0
Sunshine Creek and Side Channel	85.7	-	-	0	0
Birch Creek and Slough	88.4	-	0	0	0
Whiskers Creek and Slough	101.2	0	22	15	37
Slough 6A	112.3	-	1	0	1
Lane Creek and Slough 8	113.6	0	2	2	4
Slough 8A	125.3	-	4	1	5
Slough 9	129.2	-	0	0	0
Fourth of July Creek - Mouth	131.1	1	1	1	3
Slough 11	135.3	2	5	2	9
Indian River - Mouth	138.6	1	2	-	3
Slough 20	140.1	94	18	46	158
Slough 21	142.0	-	1	6	7
	TOTAL	98	56	73	227

- Not sampled

Table 3-A-73. Chinook salmon juvenile total catch at SFH sites on the Susitna River between the Deshka River and Slough 22, February through April, 1982.

Site	River Mile	February	March	April	Site Total
Deshka River	40.6	0	-	0	0
Mainstem Susitna	53.5	0	-	-	0
Rustic Wilderness	58.1	0	8	1	9
Mainstem Susitna	61.0	0	-	0	0
Sheep Creek Slough	66.1	-	-	0	0
Mainstem Susitna	67.5	-	6	-	6
Montana Creek	77.0	0	0	-	0
Mainstem Number 1	84.0	0	0	0	0
Cache Creek	96.0	0	-	0	0
Gash Creek	111.5	-	-	0	0
Mainstem Curry	121.6	2	-	0	2
Slough 8D	122.3	-	-	1	1
Slough 8A	126.3	-	-	0	0
Slough 9A	133.6	0	5	6	11
Slough 10	133.8	23	11	5	39
Slough 22	144.3	7	5	2	82
Grand Totals		32	35	15	82

- Site not sampled.

Appendix Table 3-A-74. Coho salmon juvenile catch at Designated Fish Habitat (DFH) sites in the Susitna River between Goose Creek 2 and Portage Creek by gear type, May through October, 1982.

LOCATION	RIVER MILE	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
GOOSE CREEK 2 AND SIDE CHANNEL	73.1	005		2	9	1	0	1	0	2	2	
WHITEFISH SLOUGH	78.7	005			1	0	0	8	7	2	0	
RABIDEUX CREEK AND SLOUGH	83.1	005			84		255	75	10	31	3	
		003			37				0	0	0	
		02A	0			0		0	1	0		
		011						0	20	0	0	
SUNSHINE CREEK AND SIDE CHANNEL	85.7	005		82	46	181	164	58	5	5	3	
		003		2		0		0	0			
		02A	2	5		2		0	1	0		
BIRCH CREEK AND SLOUGH	88.4	005		34	66	94	62	32	7	24	0	
		002		0	0		0			5	1	
		003			18	19	1	3		0	0	
		02A	0	13		0		0	0	0		
		011			0					1	1	
WHISKERS CREEK AND SLOUGH	101.2	005		2	28	9	0	1	7	30	1	
		02A	0	0		0		0	0	2	0	
		011								5	0	
SLOUGH 6A	112.3	005		1	23	4	12	0	1	20	43	
		002								6		
		003		1	0	5	0		0	3	1	
		011								6		
		05B					5					

Appendix Table 3-A-74. Continued.

LOCATION	RIVER MILE	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
LANE CREEK AND SLOUGH 8	113.6	005		0	2	0	0	0	0	35	35	
		002				0	0	0		5	6	
		02A		0	0	0	0	0	0	0	1	
		011			0				3			
SLOUGH 8A	125.3	005		0	0	0	0	0	1	0	0	
		003		0	0	0	0	0	6		0	
		02A			0		0	0	1	0	0	
SLOUGH 9	129.2	002				0		0		1	0	
4TH OF JULY CREEK-MOUTH	131.1	005		0	0	1	0	0	0	24	0	
		002				0		0		1		
SLOUGH 11	135.3	005		0	1	0	0	0	0	0	0	
		002			4	0		0				
		003					1		0	0	0	
INDIAN RIVER-MOUTH	138.6	005		0	0	0	1	0	0	0	0	
SLOUGH 20	140.1	003			0		8		0		0	0
SLOUGH 21	142.0	002			1	0			0	0		

Appendix Table 3-A-75. Coho salmon juvenile catch per unit effort (CPUE) at Designated Fish Habitat (DFH) sites in the Susitna River between Goose Creek 2 and Portage Creek by gear type, May through October, 1982. Units are hours for gear 009, minutes for gears 002 and 02A, and units of gear fished for all other gear types.

LOCATION	RIVER MILE	GEAR TYPE	MAY 16-30	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
GOOSE CREEK 2 AND SIDE CHANNEL	73.1	005		.1	.4	<.05	0.0	<.05	0.0	.1	.1	
WHITEFISH SLOUGH	78.7	005			.2	0.0	0.0	.7	.7	.1	0.0	
RABIDEUX CREEK AND SLOUGH	83.1	005			4.0		12.1	3.4	.4	1.0	.2	
		003			18.5				0.0	0.0	0.0	
		02A	0.0			0.0		0.0	<.05	0.0		
		011						0.0	20.0	0.0	0.0	
SUNSHINE CREEK AND SIDE CHANNEL	85.7	005		5.5	2.2	18.1	16.4	5.8	.2	.2	.2	
		003		.7		0.0		0.0	0.0			
		02A	.1	.2		.4		0.0	<.05	0.0		
BIRCH CREEK AND SLOUGH	88.4	005		1.1	3.1	4.5	3.0	2.1	.2	.8	0.0	
		002		0.0	0.0					.2		
		003			6.0	6.3	.5	1.0		0.0	0.0	
		02A	0.0	.2		0.0		0.0	0.0	0.0		
		011			0.0					.5	.5	
WHISKERS CREEK AND SLOUGH	101.2	005		.1	.9	.4	0.0	<.05	.2	1.2	<.05	
		02A	0.0	0.0		0.0		0.0	0.0	.1	0.0	
		011								5.0	0.0	
SLOUGH 6A	112.3	005		.1	1.5	.3	.8	0.0	.1	1.2	4.3	
		002								.5		
		003		1.0	0.0	5.0	0.0		0.0	3.0	.5	
		011								6.0		
		05B					5.0					

Appendix Table 3-A-75. Continued.

LOCATION	RIVER MILE	GEAR TYPE	MAY 16-30	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
LANE CREEK AND SLOUGH 8	113.6	005		0.0	.1	0.0	0.0	0.0	0.0	1.2	2.3	
		002				0.0	0.0	0.0		.2	.9	
		02A		0.0	0.0	0.0	0.0	0.0	0.0	0.0	.1	
		011			0.0				3.0			
SLOUGH 8A	125.3	005		0.0	0.0	0.0	0.0	0.0	<.05	0.0	0.0	
		003		0.0	0.0	0.0	0.0	0.0	3.0		0.0	
		02A			0.0		0.0	0.0	.1	0.0	0.0	
SLOUGH 9	129.2	002				0.0		0.0		.1	0.0	
4TH OF JULY CREEK-MOUTH	131.1	005		0.0	0.0	.1	0.0	0.0	0.0	1.7	0.0	
		002				0.0		0.0		<.05		
SLOUGH 11	135.3	005		0.0	<.05	0.0	0.0	0.0	0.0	0.0	0.0	
		002			1.1	0.0		0.0				
		003					.5		0.0	0.0	0.0	
INDIAN RIVER-MOUTH	138.6	005		0.0	0.0	0.0	<.05	0.0	0.0	0.0	0.0	
SLOUGH 20	140.1	003			0.0		2.7		0.0		0.0	0.0
SLOUGH 21	142.0	002			.5	0.0			0.0	0.0		

Appendix Table 3-A-76. Coho salmon juvenile catch at Selected Fish Habitat (SFH) sites in the Susitna River below Devil Canyon, May through October, 1982.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
FISH CREEK RM 31.2 TRM 0.0	02A					2					
MAINSTEM-RIVER MILE 40.6 TO 41.0	02A					1			0		
LITTLE WILLOW CREEK RM 50.5 TRM 0.0	02A			0		2					
GRAY'S CREEK RM 59.5 TRM 0.0	02A					1					
GRAY'S CREEK RM 59.5 TRM .3	02A			3							
CASWELL CREEK RM 63.0 TRM 0.0	02A							0	1		
MAINSTEM-RIVER MILE 66.1 TO 66.5	02A						0	1	0		
SHEEP CREEK SLOUGH RM 66.1 TRM 0.0	02A				1		0	0			
MAINSTEM-RIVER MILE 73.6 TO 74.0	02A							0	1		
MAINSTEM-RIVER MILE 79.1 TO 79.5	02A		1		0			0			
BEAVER POND RM 86.3 TRM 0.0	02A		?		0		1	0			

Appendix Table 3-A-76. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
TRAPPER CREEK RM 91.5 TRM 0.0	02A		0		0		1	0	0		
TALKEETNA RIVER RM 97.0 TRM 0.0	02A		3		0		0	0	0		
MAINSTEM-RIVER MILE 99.6 TO 100.0	02A		2				0	0	0		
SLOUGH 1 RM 99.6 TRM 0.0	02A				1		0	0			
MAINSTEM-RIVER MILE 100.1 TO 100.5	02A		1					0	0		
MAINSTEM-RIVER MILE 101.6 TO 102.0	02A		0				0	0	1		
MAINSTEM-RIVER MILE 111.1 TO 111.5	002					18					
	005		3								
5TH OF JULY CREEK RM 123.7 TRM 0.0	02A			1		0	0	0	0		
SLOUGH 15 RM 137.2 TRM 0.0	02A			0		0	1	0	0		
JACK LONG CREEK RM 144.5 TRM 0.0	02A					0	0	1	0	0	

Appendix Table 3-A-77. Coho salmon juvenile catch per unit effort (CPUE) at Selected Fish Habitat (SFH) sites in the Susitna River below Devil Canyon by gear type, May through October, 1982. Units are hours for gear 009, minutes for gears 002 and 02A, and units of gear fished for all other gear types.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
FISH CREEK RM 31.2 TRM 0.0	02A					.1					
MAINSTEM-RIVER MILE 40.6 TO 41.0	02A					<.05			0.0		
LITTLE WILLOW CREEK RM 50.5 TRM 0.0	02A			0.0		.2					
GRAY'S CREEK RM 59.5 TRM 0.0	02A					.1					
GRAY'S CREEK RM 59.5 TRM .3	02A			.1							
CASWELL CREEK RM 63.0 TRM 0.0	02A							0.0	.1		
MAINSTEM-RIVER MILE 66.1 TO 66.5	02A						0.0	<.05	0.0		
SHEEP CREEK SLOUGH RM 66.1 TRM 0.0	02A				<.05		0.0	0.0			
MAINSTEM-RIVER MILE 73.6 TO 74.0	02A							0.0	.1		
MAINSTEM-RIVER MILE 79.1 TO 79.5	02A		<.05		0.0			0.0			
BEAVER POND RM 86.3 TRM 0.0	02A		.4		0.0		<.05	0.0			

Appendix Table 3-A-77. Continued.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
TRAPPER CREEK RM 91.5 TRM 0.0	02A		0.0		0.0		.1	0.0	0.0		
TALKEETNA RIVER RM 97.0 TRM 0.0	02A		<.05		0.0		0.0	0.0	0.0		
MAINSTEM-RIVER MILE 99.6 TO 100.0	02A		.1				0.0	0.0	0.0		
SLOUGH 1 RM 99.6 TRM 0.0	02A				<.05		0.0	0.0			
MAINSTEM-RIVER MILE 100.1 TO 100.5	02A		<.05					0.0	0.0		
MAINSTEM-RIVER MILE 101.6 TO 102.0	02A		0.0				0.0	0.0	<.05		
MAINSTEM-RIVER MILE 111.1 TO 111.5	002					3.6					
	005		.3								
5TH OF JULY CREEK RM 123.7 TRM 0.0	02A			.2		0.0	0.0	0.0	0.0		
SLOUGH 15 RM 137.2 TRM 0.0	02A			0.0		0.0	.1	0.0	0.0		
JACK LONG CREEK RM 144.5 TRM 0.0	02A					0.0	0.0	.1		0.0	

Appendix Table 3-A-78. Coho salmon juvenile, total catch by age class at DFH sites on the Susitna River between Goose Creek 2 and Slough 22, February through April, 1982.

Site	River Mile	February I+	March II+	April I+	Site II+	I+	II+	Total
Goose Creek 2	73.1	0	0	0	0	1	0	1
Sunshine Creek	85.7	-	-	-	-	0	0	0
Birch Creek Slough	88.4	-	-	3	1	0	0	4
Whisker Creek and Slough	101.2	5	1	5	0	5	0	16
Slough 6A	112.3	-	-	5	1	13	0	19
Lane Creek and Slough 8	113.6	0	0	0	0	0	0	0
Slough 8A	125.3	-	-	0	0	1	1	2
Slough 9	129.2	-	-	8	2	2	1	13
Fourth of July Creek	131.1	0	0	0	0	0	0	0
Slough 11	135.3	0	0	0	0	0	0	0
Indian River	138.6	0	0	0	0	-	-	0
Slough 20	140.1	0	0	0	0	0	0	0
Slough 21	142.0	-	-	0	0	0	0	0
Grand Totals		5	1	21	4	22	2	55

- Site not sampled.

Appendix Table 3-A-79. Coho salmon juvenile total catch by age class at Selected Fish Habitat sites on the Susitna River from RM 40.6 to RM 144.3, February through April, 1982.

Site	River Mile	February		March		April		Site Total
		I+	II+	I+	II+	I+	II+	
Deshka River	40.6	0	0	-	-	0	0	0
Mainstem Susitna	53.5	0	0	-	-	-	-	0
Rustic Wilderness	58.1	0	0	0	12	8	1	21
Mainstem Susitna	61.0	0	0	-	-	2	0	2
Sheep Creek Slough	66.1	-	-	-	-	0	0	0
Mainstem Susitna	67.5	-		-	0	0	-	- 0
Montana Creek	77.0	0	0	1	2	-	-	3
Mainstem Number 1	96.0	1	0	-	-	0	0	1
Cash Creek	111.5	-	-	-	-	3	0	3
Mainstem Curry	121.6	0	0	-	-	0	0	0
Slough 8D	122.3	-	-	-	-	0	0	0
Slough 8A	126.3	-	-	-	-	1	1	2
Slough 9A	133.6	0	0	-	-	-	-	0
Slough 10	133.8	0	0	0	0	0	0	0
Slough 22	144.3	1	0	2	0	1	1	5
Totals		2	0	3	14	15	3	37

- Site not sampled.

Appendix Table 3-A-80. Chum salmon juvenile catch at Designated Fish Habitat (DFH) sites in the Susitna River between Goose Creek 2 and Portage Creek by gear type, May through October, 1982.

LOCATION	RIVER MILE	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
GOOSE CREEK 2 AND SIDE CHANNEL	73.1	003		3	25	0	0	0	0	0	0	
WHITEFISH SLOUGH	78.7	02A		3		0		0	0	0		
SUNSHINE CREEK AND SIDE CHANNEL	85.7	003		14		0		0	0			
BIRCH CREEK AND SLOUGH	88.4	002		35	1		0			0	0	
		003			17	16	2	1		0	0	
		02A	0	6		0		0	0	0		
		011			3					1	0	
WHISKERS CREEK AND SLOUGH	101.2	003		7		1		0	0	0	0	
		02A	0	1		0		0	0	0	0	
SLOUGH 6A	112.3	003		830	5	0	0		0	0	0	
		02A		60		0					0	
LANE CREEK AND SLOUGH 8	113.6	005		0	1	0	0	0	0	0	0	
		003		0	55	0	0		0	0	0	
		011			2				0			
SLOUGH 8A	125.3	003		40	0	0	0	0	0		0	
SLOUGH 9	129.2	002				2		0		0	0	
		003		5	13	0	0		0	0	0	
4TH OF JULY CREEK-MOUTH	131.1	003			8		0		0		0	
SLOUGH 11	135.3	002			15	0		0				

Appendix Table 3-A-80. Continued.

LOCATION	RIVER MILE	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
INDIAN RIVER-MOUTH	138.6	002			28	0						
SLOUGH 19	140.0	003			4	0	0	0			0	
SLOUCH 20	140.1	005		0	0	1	0	0	0	0	0	0
		002			0	2		0		0		
SLOUGH 21	142.0	002			22	2			0	0		

Appendix Table 3-A-81. Chum salmon juvenile catch at Selected Fish Habitat (SFH) sites in the Susitna River below Devil Canyon, May through October, 1982.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
BEAVER POND RM 86.3 TRM 0.0	02A		5		0		0	0			
BILLION SLOUGH RM 97.9 TRM 0.0	02A				1		0	0			
MAINSTEM-RIVER MILE 111.1 TO 111.5	003		2	0							
MAINSTEM-RIVER MILE 120.6 TO 121.0	003		11	1	1	0					
MAINSTEM-RIVER MILE 133.6 TO 134.0	003			8							

Appendix Table 3-A-82. Sockeye salmon juvenile catch at Designated Fish Habitat (DFH) sites in the Susitna River between Goose Creek 2 and Portage Creek by gear type, May through October, 1982.

LOCATION	RIVER MILE	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
GOOSE CREEK 2 AND SIDE CHANNEL	73.1	005		0	0	0	0	0	0	2	0	
		003		0	0	3	0	3	6	2	0	
WHITEFISH SLOUGH	78.7	003					0	0	1	1	3	
RABIDEUX CREEK AND SLOUGH	83.1	003			0				0	13	0	
SUNSHINE CREEK AND SIDE CHANNEL	85.7	005		0	0	0	0	0	1	0	0	
		003		0		0		0	2			
BIRCH CREEK AND SLOUGH	88.4	005		0	0	0	1	0	0	0	0	
		002		1	0		0			0	0	
		003			2	35	8	0		0	0	
		02A	0	1		0		0	0	0		
WHISKERS CREEK AND SLOUGH	101.2	005		0	0	0	0	0	1	0	0	
		003		0		11		0	0	0	0	
SLOUGH 6A	112.3	005		0	0	0	0	1	0	0	0	
		002								3		
		003		223	16	173	375		1	17	6	
		02A		0		1					0	
		011								3		
LANE CREEK AND SLOUGH 8	113.6	005		0	0	0	0	0	0	0	3	
		002				0	0	0		13	17	
		003		0	2	0	0		0	0	0	
		011			0				16			

Appendix Table 3-A-82. Continued.

LOCATION	RIVER MILE	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
SLOUGH 8A	125.3	002				6				9	0	
		003		1	2	1	207	1	13		0	
		02A			0		0	0	3	2	0	
		011				12				0	0	
SLOUGH 9	129.2	002				6		0		4	0	
		003		0	7	0	2		0	0	0	
4TH OF JULY CREEK--MOUTH	131.1	003			0		1		0		0	
SLOUGH 11	135.3	002			8	0		0				
		003					9		0	10	0	
INDIAN RIVER--MOUTH	138.6	005		0	0	0	1	0	0	0	0	
		003						2	0	0		
SLOUGH 19	140.0	003			40	0	8	19			0	
		011						4	2	10	10	
SLOUGH 20	140.1	002			0	3		1		0		
		003			0		2		0		0	0
SLOUGH 21	142.0	002			2	1			0	2		
		003			0		0	13			0	
		011						7				

Appendix Table 3-A-83. Sockeye salmon juvenile catch at Selected Fish Habitat (SFH) sites in the Susitna River below Devil Canyon, May through October, 1982.

LOCATION	GEAR TYPE	MAY 16-31	JUN 1-15	JUN 16-30	JUL 1-15	JUL 16-31	AUG 1-15	AUG 16-31	SEP 1-15	SEP 16-30	OCT 1-15
KROTO SLOUGH-TRIBUTARY RM 38.5 TRM 0.0	02A					2					
SLOUGH-WEST BANK RM 57.4 TRM 0.0	02A					1					
MAINSTEM-RIVER MILE 65.6 TO 66.0	02A				1		0	0	0		
MAINSTEM-RIVER MILE 71.6 TO 72.0	02A						0	1	0		
BEAVER POND RM 86.3 TRM 0.0	02A		2		0		33	0			
MAINSTEM-RIVER MILE 93.6 TO 94.0	02A		1		0		0		0		
SLOUGH 1 RM 99.6 TRM 0.0	02A				4		0	1			
MAINSTEM-RIVER MILE 120.6 TO 121.0	003		0	0	32	0					
SLOUGH-EAST BANK RM 123.6 TRM 0.0	02A						1				
SKULL CREEK RM 124.7 TRM 0.0	02A			0		0	1	0	0	0	
SLOUGH 10 RM 133.8 TRM 0.0	02A			2			0	0		0	
MAINSTEM-RIVER MILE 144.1 TO 144.5	002			2	0						

STANDARD GEAR CODES

005 minnow trap
010 trotline

OPPORTUNISTIC GEAR CODES

000 smolt trap
001 set gillnet
01a drift gillnet
002 backpack electrofishing
02a boat electrofishing
003 beach seine
04d drift net
04k kick screen
04p plankton net
05a fish trap
05b hoop net
008 fishwheel
009 hook and line
011 dip net

RESIDENT SPECIES CODES

162 Slimy sculpin
500 Northern pike
530 Dolly Varden
541 Rainbow trout
550 Lake trout
582 Humpback whitefish
586 Round whitefish
590 Burbot
601 Arctic lamprey
610 Arctic grayling
640 Longnose sucker
660 Threespine stickleback
661 Ninespine stickleback

JUVENILE ANADROMOUS CODES

410 Chinook 0+
411 Chinook 1+
412 Chinook juvenile
415 Chinook smolt 0+
416 Chinook smolt 1+
417 Chinook smolt
420 Sockeye 0+
421 Sockeye 1+
422 Sockeye juvenile
425 Sockeye smolt 0+
426 Sockeye smolt 1+
427 Sockeye smolt
430 Coho 0+
431 Coho 1+
432 Coho 2+
433 Coho juvenile
435 Coho smolt 0+
436 Coho smolt 1+
437 Coho smolt 2+
438 Coho smolt
440 Pink 0+
450 Chum 0+

Appendix 3-B-1. Downstream migrant trap daily catch by species for all resident fishes collected, June 18 to October 12, 1982.

DATE PERIOD	HOURS FISHED IN PERIOD	DAILY CATCH FOR SPECIES CODE										
		UNIDENTIFIED	162	530	541	582	586	590	601	610	640	660
820618	2.0	0	0	0	0	0	1	0	0	0	1	0
820619	7.3	0	1	0	0	0	0	1	0	0	1	0
820620	6.6	0	0	0	1	0	1	0	0	0	1	0
820621	9.0	0	1	0	0	0	0	1	0	0	1	0
820622	13.6	0	1	0	0	0	1	0	0		1	0
820623	12.9	0	1	0	0	0	1	1	0		1	0
820624	22.6	0	1	0	0	0	0	0	1	0	1	0
820625	14.7	0	0	0	0	0	1	2	0	0		0
820626	15.1	0	1	0	0	0	0	2	0	0	0	0
820627	14.8	0	1	0	0	0	2	2	1	0	1	0
820628	16.9	0	3	0	0	0	1	3	0	0	1	0
820703	14.7	0	0	0	0	0	2	0	0	0	1	0
820704	12.1	2	0	0	0	0	0	0	1	0	0	0
820705	33.7	3	0	0	0	0	2	0	1	0	1	0
820706	23.9	4	1	0	0	0	3	0	1	0	1	0
820707	7.2	6	0	0	0	0	20	0	0	0	0	0
820708	5.7	0	0	0	0	1	1	0	1	0	0	0
820709	17.3	4	1	0	0	0	5	0	1	0	0	0
820710	11.3	0	0	0	0	0	17	0	0	1	1	0
820711	13.0	1	0	0	0	0	9	0	0	1	1	0
820712	12.9	1	0	0	0	0	5	0	0	0	0	0
820713	16.9	1	0	0	0	0	7	0	0	1	0	0
820714	15.8	1	1	0	0	0	8	0	0	1	0	0
820715	14.6	0	0	0	0	0	2	1	0	2	0	0
820716	23.3	0	1	1	0	0	3	1	0	0	0	0
820717	22.9	0	0	0	0	0	2	0	0	0	0	0

Appendix 3-B-1. Cont.

DATE PERIOD	HOURS FISHED IN PERIOD	DAILY CATCH FOR SPECIES CODE: UNIDENTIFIED	162	530	541	582	586	590	601	610	640	660
820718	24.4	0	0	0	0	0	3	0	0	0	0	0
820719	22.5	1	0	0	0	0	1	0	0	0	1	0
820720	24.3	2	1	0	0	0	1	0	0	0	1	0
820721	22.7	3	1	0	0	0	1	0	0	0	0	0
820722	23.3	2	1	0	0	0	6	0	0	0	0	0
820723	24.1	0	0	0	0	0	2	1	0	0	0	0
820724	22.4	0	0	0	0	0	1	0	1	0	0	0
820725	14.1	0	0	0	0	0	1	2	0	0	0	0
820726	14.2	0	0	1	1	0	1	2	1	0	1	0
820727	21.5	2	1	0	0	0	1	2	0	1	0	0
820728	19.2	1	1	1	0	0	3	3	1	0	1	0
820729	28.3	8	1	0	0	0	1	1	0	0	0	0
820730	26.8	1	0	0	1	1	1	2	0	0	0	0
820731	12.0	0	0	0	1	1	1	1	0	0	0	0
820801	24.2	0	0	0	0	1	1	2	0	0	0	0
820802	22.8	0	0	0	1	2	1	1	1	0	0	0
820803	16.9	0	0	0	0	0	2	0	0	0	0	0
820804	21.8	2	0	0	0	1	1	0	0	0	0	0
820805	31.6	3	1	0	0	0	3	0	0	1	0	0
820806	21.4	0	0	0	0	1	2	0	0	1	0	0
820807	19.5	1	0	0	0	1	1	0	0	0	0	0
820808	24.7	1	0	0	0	1	2	0	0	1	0	0
820809	22.2	1	0	0	0	1	0	1	0	0	0	0
820810	22.2	0	0	0	0	1	1	0	0	0	0	0
820811	21.7	0	0	0	0	0	1	0	0	0	0	0
820812	25.7	0	0	0	0	1	4	0	1	0	0	0

Appendix 3-B-1. Cont.

DATE PERIOD	HOURS FISHED IN PERIOD	DAILY CATCH FOR SPECIES CODE: UNIDENTIFIED	162	530	541	582	586	590	601	610	640	660
820813	22.4	0	0	0	0	1	1	0	0	0	0	0
820814	24.2	1	1	0	0	1	1	0	0	0	0	0
820815	17.8	2	0	0	0	1	1	0	0	0	0	0
820816	29.9	0	0	0	0	1	1	0	0	0	0	0
820817	23.3	0	1	0	0	1	0	0	0	0	0	0
820818	35.0	0	0	0	0	0	0	0	0	0	0	0
820819	12.5	0	0	0	0	0	0	0	0	0	1	0
820820	25.	0	0	0	0	1	0	0	0	0	0	1
820821	19.0	0	0	0	0	1	2	0	0	0	0	0
820822	25.7	1	0	0	0	1	1	0	0	0	0	0
820823	26.8	0	0	0	0	1	1	0	0	0	0	0
820824	18.0	0	1	0	0	1	1	0	0	0	0	0
820825	27.2	0	1	0	0	1	1	0	0	0	0	1
820826	23.3	0	0	0	0	4	4	1	0	0	0	0
820827	24.7	0	0	0	0	1	0	0	0	0	0	1
820828	25.7	0	0	0	0	1	0	1	0	0	0	1
820829	11.8	0	0	0	0	0	1	0	0	0	0	0
820905	25.4	0	0	0	0	0	0	5	0	0	1	0
820906	23.2	0	0	0	0	0	0	0	0	0	0	2
820907	25.1	0	0	0	0	1	2	1	0	0	0	1
820908	23.8	0	0	0	0	0	0	0	0	0	0	1
820909	22.0	0	0	0	0	0	0	0	0	0	0	1
820910	26.3	0	1	0	0	0	0	0	0	0	0	3
820911	22.7	0	0	0	0	0	0	1	0	0	0	0
820912	23.0	0	0	0	0	0	1	0	0	0	0	0
820913	23.7	0	0	0	0	0	1	0	0	0	0	1

Appendix 3-B-1. Cont.

DATE PERIOD	HOURS FISHED IN PERIOD	DAILY CATCH FOR SPECIES CODE: UNIDENTIFIED	162	530	541	582	586	590	601	610	640	660
820914	23.8	0	0	0	1	0	1	0	0	0	0	2
820915	22.7	0	0	0	0	0	0	1	1	0	1	2
820916	18.0	0	0	0	0	0	1	1	0	0	0	1
820917	9.0	0	0	0	0	0	1	1	0	0	0	0
820918	15.0	0	0	0	0	1	0	0	0	0	0	1
820920	5.4	0	0	0	0	0	0	0	0	0	0	0
820921	24.9	0	0	0	0	0	2	1	0	0	0	0
820922	23.7	0	0	0	0	0	1	0	0	0	0	2
820923	24.8	0	0	0	0	1	1	2	0	0	0	1
820924	24.8	0	0	0	0	0	1	0	0	1	0	0
820925	19.5	0	0	0	0	0	1	0	1	0	0	0
820926	24.8	0	0	0	0	0	1	2	1	0	0	1
820927	25.6	0	0	0	0	1	1	1	1	0	0	0
820928	22.0	0	1	0	0	0	0	0	0	0	0	0
820929	22.7	0	0	0	0	0	0	0	0	0	0	0
820930	24.2	0	1	0	0	1	1	0	0	0	0	1
821001	24.7	0	0	0	0	0	1	0	0	0	0	0
821002	22.0	0	0	0	0	0	0	0	1	0	0	0
821003	21.7	0	0	0	0	0	1	0	0	0	0	0
821006	24.2	0	0	0	0	0	0	0	0	0	0	0
821007	24.1	0	0	0	0	0	1	0	0	0	0	0
821008	23.7	0	0	0	0	0	2	0	0	0	0	0
821009	23.5	0	1	0	0	0	3	0	0	0	0	1
821010	23.6	0	0	0	0	0	0	0	0	0	0	0
821011	23.8	0	0	0	0	0	2	0	0	0	0	0
821012	20.3	0	0	0	0	0	2	0	0	0	0	0

Appendix 3-B-2. Chinook salmon juveniles, downstream migrant trap daily and cumulative catch and catch per hour, June 18 to October 12, 1982.

DATE PERIOD	HOURS FISHED IN PERIOD	DAILY CATCH	CUMULATIVE CATCH	DAILY CATCH PER HOUR	CUMULATIVE CATCH PER HOUR
820618	2.0	0	0	0.0	0.0
820619	7.3	1	1	.1	.1
820620	6.6	6	7	.9	.4
820621	9.0	11	18	1.2	.7
820622	13.6	16	34	1.2	.9
820623	12.9	3	37	.2	.7
820624	22.6	1	38	.0	.5
820625	14.7	0	38	0.0	.4
820626	15.1	1	39	.1	.4
820627	14.8	14	53	.9	.4
820628	16.9	21	74	1.2	.5
820703	14.7	6	80	.4	.5
820704	12.1	3	83	.2	.5
820705	33.7	10	93	.3	.5
820706	23.9	11	104	.5	.5
820707	7.2	6	110	.8	.5
820708	5.7	1	111	.2	.5
820709	17.3	16	127	.9	.5
820710	11.3	8	135	.7	.5
820711	13.0	4	139	.3	.5
820712	12.9	3	142	.2	.5
820713	16.9	12	154	.7	.5
820714	15.8	13	167	.8	.5
820715	14.6	2	169	.1	.5
820716	23.3	3	172	.1	.5
820717	22.9	4	176	.2	.5
820718	24.4	4	180	.2	.4
820719	22.5	3	183	.1	.4
820720	24.3	3	186	.1	.4
820721	22.7	4	190	.2	.4
820722	23.3	2	192	.1	.4
820723	24.1	1	193	.0	.4
820724	22.4	5	198	.2	.4
820725	14.1	3	201	.2	.4
820726	14.2	10	211	.7	.4
820727	21.5	9	220	.4	.4
820728	19.2	22	242	1.1	.4
820729	28.3	14	256	.5	.4
820730	26.8	4	260	.1	.4
820731	12.0	1	261	.1	.4
820801	24.2	5	266	.2	.4

Appendix 3-B-2. Cont.

DATE PERIOD	HOURS FISHED IN PERIOD	DAILY CATCH	CUMULATIVE CATCH	DAILY CATCH PER HOUR	CUMULATIVE CATCH PER HOUR
820802	22.8	2	268	.1	.4
820803	16.9	2	270	.1	.4
820804	21.8	4	274	.2	.4
820805	31.6	4	278	.1	.3
820806	21.4	3	281	.1	.3
820807	19.5	3	284	.2	.3
820808	24.7	2	286	.1	.3
820809	22.2	2	288	.1	.3
820810	22.2	0	288	0.0	.3
820811	21.7	2	290	.1	.3
820812	25.7	1	291	.0	.3
820813	22.4	0	291	0.0	.3
820814	24.2	2	293	.1	.3
820815	17.8	0	293	0.0	.3
820816	29.9	1	294	.0	.3
820817	23.3	0	294	0.0	.3
820818	35.0	0	294	0.0	.3
820819	12.5	0	294	0.0	.3
820820	25.2	1	295	.0	.3
820821	19.0	1	296	.1	.3
820822	25.7	2	298	.1	.3
820823	26.8	0	298	0.0	.2
820824	18.0	0	298	0.0	.2
820825	27.2	0	298	0.0	.2
820826	23.3	1	299	.0	.2
820827	24.7	0	299	0.0	.2
820828	25.7	1	300	.0	.2
820829	11.8	1	301	.1	.2
820905	25.4	0	301	0.0	.2
820906	23.2	0	301	0.0	.2
820907	25.1	0	301	0.0	.2
820908	23.8	0	301	0.0	.2
820909	22.0	0	301	0.0	.2
820910	26.3	1	302	.0	.2
820911	22.7	0	302	0.0	.2
820912	23.0	0	302	0.0	.2
820913	23.7	0	302	0.0	.2
820914	23.8	0	302	0.0	.2
820915	22.7	0	302	0.0	.2
820916	18.0	1	303	.1	.2
820917	9.0	0	303	0.0	.2
820918	15.0	1	304	.1	.2

Appendix 3-B-2. Cont.

DATE PERIOD	HOURS FISHED IN PERIOD	DAILY CATCH	CUMULATIVE CATCH	DAILY CATCH PER HOUR	CUMULATIVE CATCH PER HOUR
820920	5.4	3	307	.6	.2
820921	24.9	1	308	.0	.2
820922	23.7	0	308	0.0	.2
820923	24.8	0	308	0.0	.2
820924	24.8	0	308	0.0	.2
820925	19.5	0	308	0.0	.2
820926	24.8	0	308	0.0	.2
820927	25.6	0	308	0.0	.2
820928	22.0	0	308	0.0	.2
820929	22.7	0	308	0.0	.2
820930	24.2	0	308	0.0	.2
821001	24.7	0	308	0.0	.2
821002	22.0	0	308	0.0	.2
821003	21.7	1	309	.0	.2
821006	24.2	0	309	0.0	.2
821007	24.1	0	309	0.0	.2
821008	23.7	0	309	0.0	.2
821009	23.5	0	309	0.0	.2
821010	23.6	0	309	0.0	.1
821011	23.8	0	309	0.0	.1
821012	20.3	0	309	0.0	.1

Appendix 3-B-3. Coho salmon juveniles, downstream migrant trap daily and cumulative catch and catch per hour, June 18 to October 12, 1982.

DATE PERIOD	HOURS FISHED IN PERIOD	DAILY CATCH	CUMULATIVE CATCH	DAILY CATCH PER HOUR	CUMULATIVE CATCH PER HOUR
820618	2.0	39	39	19.5	19.5
820619	7.3	8	47	1.1	5.1
820620	6.6	11	58	1.7	3.6
820621	9.0	23	81	2.6	3.3
820622	13.6	17	98	1.2	2.5
820623	12.9	7	105	.5	2.0
820624	22.6	9	114	.4	1.5
820625	14.7	13	127	.9	1.4
820626	15.1	15	142	1.0	1.4
820627	14.8	10	152	.7	1.3
820628	16.9	31	183	1.8	1.4
820703	14.7	5	188	.3	1.3
820704	12.1	9	197	.7	1.2
820705	33.7	12	209	.4	1.1
820706	23.9	11	220	.5	1.0
820707	7.2	4	224	.6	1.0
820708	5.7	2	226	.4	1.0
820709	17.3	9	235	.5	.9
820710	11.3	3	238	.3	.9
820711	13.0	3	241	.2	.9
820712	12.9	1	242	.1	.8
820713	16.9	7	249	.4	.8
820714	15.8	6	255	.4	.8
820715	14.6	6	261	.4	.8
820716	23.3	21	282	.9	.8
820717	22.9	12	294	.5	.8
820718	24.4	17	311	.7	.8
820719	22.5	12	323	.5	.8
820720	24.3	4	327	.2	.7
820721	22.7	8	335	.4	.7
820722	23.3	12	347	.5	.7
820723	24.1	12	359	.5	.7
820724	22.4	6	365	.3	.7
820725	14.1	5	370	.4	.7
820726	14.2	13	383	.9	.7
820727	21.5	17	400	.8	.7
820728	19.2	8	408	.4	.7
820729	28.3	32	440	1.1	.7
820730	26.8	26	466	1.0	.7
820731	12.0	3	469	.3	.7
820801	24.2	8	477	.3	.7

Appendix 3-B-3. Cont.

DATE PERIOD	HOURS FISHED IN PERIOD	DAILY CATCH	CUMULATIVE CATCH	DAILY CATCH PER HOUR	CUMULATIVE CATCH PER HOUR
820802	22.8	12	489	.5	.7
820803	16.9	17	506	1.0	.7
820804	21.8	2	508	.1	.7
820805	31.6	7	515	.2	.6
820806	21.4	12	527	.6	.6
820807	19.5	10	537	.5	.6
820808	24.7	13	550	.5	.6
820809	22.2	10	560	.5	.6
820810	22.2	8	568	.4	.6
820811	21.7	14	582	.6	.6
820812	25.7	17	599	.7	.6
820813	22.4	13	612	.6	.6
820814	24.2	14	626	.6	.6
820815	17.8	13	639	.7	.6
820816	29.9	5	644	.2	.6
820817	23.3	8	652	.3	.6
820818	35.0	1	653	.0	.6
820819	12.5	1	654	.1	.6
820820	25.2	5	659	.2	.6
820821	19.0	7	666	.4	.6
820822	25.7	4	670	.2	.6
820823	26.8	2	672	.1	.6
820824	18.0	6	678	.3	.5
820825	27.2	4	682	.1	.5
820826	23.3	3	685	.1	.5
820827	24.7	3	688	.1	.5
820828	25.7	4	692	.2	.5
820829	11.8	2	694	.2	.5
820905	25.4	6	700	.2	.5
820906	23.2	4	704	.2	.5
820907	25.1	11	715	.4	.5
820908	23.8	4	719	.2	.5
820909	22.0	2	721	.1	.5
820910	26.3	4	725	.2	.5
820911	22.7	5	730	.2	.5
820912	23.0	6	736	.3	.5
820913	23.7	3	739	.1	.5
820914	23.8	7	746	.3	.5
820915	22.7	6	752	.3	.5
820916	18.0	3	755	.2	.5
820917	9.0	6	761	.7	.5
820918	15.0	10	771	.7	.5

Appendix 3-B-3. Cont.

DATE PERIOD	HOURS FISHED IN PERIOD	DAILY CATCH	CUMULATIVE CATCH	DAILY CATCH PER HOUR	CUMULATIVE CATCH PER HOUR
820920	5.4	2	773	.4	.5
820921	24.9	11	784	.4	.5
820922	23.7	6	790	.3	.5
820923	24.8	12	802	.5	.5
820924	24.8	29	831	1.2	.5
820925	19.5	10	841	.5	.5
820926	24.8	10	851	.4	.5
820927	25.6	9	860	.4	.5
820928	22.0	11	871	.5	.5
820929	22.7	3	874	.1	.5
820930	24.2	8	882	.3	.5
821001	24.7	4	886	.2	.5
821002	22.0	6	892	.3	.5
821003	21.7	4	896	.2	.5
821006	24.2	3	899	.1	.5
821007	24.1	7	906	.3	.5
821008	23.7	9	915	.4	.4
821009	23.5	6	921	.3	.4
821010	23.6	1	922	.0	.4
821011	23.8	9	931	.4	.4
821012	20.3	8	939	.4	.4

Appendix 3-B-4. Chum salmon juveniles, downstream migrant trap daily and cumulative catch and catch per hour, June 18 to October 12, 1982.

DATE PERIOD	HOURS FISHED IN PERIOD	DAILY CATCH	CUMULATIVE CATCH	DAILY CATCH PER HOUR	CUMULATIVE CATCH PER HOUR
820618	2.0	3	3	1.5	1.5
820619	7.3	43	46	5.9	4.9
820620	6.6	28	74	4.2	4.7
820621	9.0	90	164	10.0	6.6
820622	13.6	86	250	6.3	6.5
820623	12.9	55	305	4.3	5.9
820624	22.6	58	363	2.6	4.9
820625	14.7	35	398	2.4	4.5
820626	15.1	26	424	1.7	4.1
820627	14.8	40	464	2.7	3.9
820628	16.9	41	505	2.4	3.7
820703	14.7	38	543	2.6	3.6
820704	12.1	10	553	.8	3.4
820705	33.7	6	559	.2	2.9
820706	23.9	13	572	.5	2.6
820707	7.2	5	577	.7	2.5
820708	5.7	4	581	.7	2.5
820709	17.3	7	588	.4	2.4
820710	11.3	6	594	.5	2.3
820711	13.0	7	601	.5	2.2
820712	12.9	8	609	.6	2.1
820713	16.9	22	631	1.3	2.1
820714	15.8	19	650	1.2	2.0
820715	14.6	6	656	.4	2.0
820716	23.3	12	668	.5	1.9
820717	22.9	11	679	.5	1.8
820718	24.4	20	699	.8	1.7
820719	22.5	7	706	.3	1.7
820720	24.3	4	710	.2	1.6
820721	22.7	3	713	.1	1.5
820722	23.3	8	721	.3	1.4
820723	24.1	8	729	.3	1.4
820724	22.4	6	735	.3	1.3
820725	14.1	1	736	.1	1.3
820726	14.2	1	737	.1	1.3
820727	21.5	1	738	.0	1.2
820728	19.2	0	738	0.0	1.2
820729	28.3	3	741	.1	1.2
820730	26.8	2	743	.1	1.1
820731	12.0	1	744	.1	1.1
820801	24.2	2	746	.1	1.1

Appendix 3-B-4. Cont.

DATE PERIOD	HOURS FISHED IN PERIOD	DAILY CATCH	CUMULATIVE CATCH	DAILY CATCH PER HOUR	CUMULATIVE CATCH PER HOUR
820802	22.8	0	746	0.0	1.0
820803	16.9	2	748	.1	1.0
820804	21.8	0	748	0.0	1.0
820805	31.6	1	749	.0	.9
820806	21.4	0	749	0.0	.9
820807	19.5	0	749	0.0	.9
820808	24.7	0	749	0.0	.9
820809	22.2	0	749	0.0	.8
820810	22.2	2	751	.1	.8
820811	21.7	1	752	.0	.8
820812	25.7	0	752	0.0	.8
820813	22.4	0	752	0.0	.8
820814	24.2	1	753	.0	.8
820815	17.8	1	754	.1	.7
820816	29.9	0	754	0.0	.7
820817	23.3	0	754	0.0	.7
820818	35.0	0	754	0.0	.7
820819	12.5	0	754	0.0	.7
820820	25.2	0	754	0.0	.7
820821	19.0	0	754	0.0	.6
820822	25.7	0	754	0.0	.6
820823	26.8	0	754	0.0	.6
820824	18.0	0	754	0.0	.6
820825	27.2	0	754	0.0	.6
820826	23.3	0	754	0.0	.6
820827	24.7	0	754	0.0	.6
820828	25.7	0	754	0.0	.6
820829	11.8	0	754	0.0	.6
820905	25.4	0	754	0.0	.5
820906	23.2	0	754	0.0	.5
820907	25.1	0	754	0.0	.5
820908	23.8	0	754	0.0	.5
820909	22.0	0	754	0.0	.5
820910	26.3	0	754	0.0	.5
820911	22.7	0	754	0.0	.5
820912	23.0	0	754	0.0	.5
820913	23.7	0	754	0.0	.5
820914	23.8	0	754	0.0	.5
820915	22.7	0	754	0.0	.5
820916	18.0	0	754	0.0	.5
820917	9.0	0	754	0.0	.5
820918	15.0	0	754	0.0	.5

Appendix 3-B-4. Cont.

DATE PERIOD	HOURS FISHED IN PERIOD	DAILY CATCH	CUMULATIVE CATCH	DAILY CATCH PER HOUR	CUMULATIVE CATCH PER HOUR
820920	5.4	0	754	0.0	.5
820921	24.9	0	754	0.0	.4
820922	23.7	0	754	0.0	.4
820923	24.8	0	754	0.0	.4
820924	24.8	0	754	0.0	.4
820925	19.5	0	754	0.0	.4
820926	24.8	0	754	0.0	.4
820927	25.6	0	754	0.0	.4
820928	22.0	0	754	0.0	.4
820929	22.7	0	754	0.0	.4
820930	24.2	0	754	0.0	.4
821001	24.7	0	754	0.0	.4
821002	22.0	0	754	0.0	.4
821003	21.7	0	754	0.0	.4
821006	24.2	0	754	0.0	.4
821007	24.1	0	754	0.0	.4
821008	23.7	0	754	0.0	.4
821009	23.5	0	754	0.0	.4
821010	23.6	0	754	0.0	.4
821011	23.8	0	754	0.0	.4
821012	20.3	0	754	0.0	.4

Appendix 3-B-5. Sockeye salmon juveniles, downstream migrant trap daily and cumulative catch and catch per hour, June 18 to October 12, 1982.

DATE PERIOD	HOURS FISHED IN PERIOD	DAILY CATCH	CUMULATIVE CATCH	DAILY CATCH PER HOUR	CUMULATIVE CATCH PER HOUR
820618	2.0	2	2	1.0	1.0
820619	7.3	3	5	.4	.5
820620	6.6	4	9	.6	.6
820621	9.0	29	38	3.2	1.5
820622	13.6	39	77	2.9	2.0
820623	12.9	8	85	.6	1.7
820624	22.6	24	109	1.1	1.5
820625	14.7	11	120	.7	1.4
820626	15.1	21	141	1.4	1.4
820627	14.8	27	168	1.8	1.4
820628	16.9	22	190	1.3	1.4
820703	14.7	27	217	1.8	1.4
820704	12.1	84	301	6.9	1.9
820705	33.7	157	458	4.7	2.3
820706	23.9	213	671	8.9	3.1
820707	7.2	117	788	16.2	3.5
820708	5.7	37	825	6.5	3.5
820709	17.3	60	885	3.5	3.5
820710	11.3	14	899	1.2	3.4
820711	13.0	30	929	2.3	3.4
820712	12.9	23	952	1.8	3.3
820713	16.9	41	993	2.4	3.3
820714	15.8	52	1045	3.3	3.3
820715	14.6	30	1075	2.1	3.2
820716	23.3	45	1120	1.9	3.1
820717	22.9	19	1139	.8	3.0
820718	24.4	22	1161	.9	2.9
820719	22.5	34	1195	1.5	2.8
820720	24.3	73	1268	3.0	2.8
820721	22.7	51	1319	2.2	2.8
820722	23.3	23	1342	1.0	2.7
820723	24.1	26	1368	1.1	2.6
820724	22.4	32	1400	1.4	2.6
820725	14.1	9	1409	.6	2.5
820726	14.2	87	1496	6.1	2.6
820727	21.5	59	1555	2.7	2.6
820728	19.?	47	1602	2.4	2.6
820729	28.3	71	1673	2.5	2.6
820730	26.8	39	1712	1.5	2.6
820731	12.0	8	1720	.7	2.5
820801	24.2	10	1730	.4	2.5

Appendix 3-B-5. Cont.

DATE PERIOD	HOURS FISHED IN PERIOD	DAILY CATCH	CUMULATIVE CATCH	DAILY CATCH PER HOUR	CUMULATIVE CATCH PER HOUR
820802	22.8	27	1757	1.2	2.4
820803	16.9	19	1776	1.1	2.4
820804	21.8	9	1785	.4	2.3
820805	31.6	60	1845	1.9	2.3
820806	21.4	27	1872	1.3	2.3
820807	19.5	30	1902	1.5	2.3
820808	24.7	31	1933	1.3	2.2
820809	22.2	21	1954	.9	2.2
820810	22.2	9	1963	.4	2.2
820811	21.7	3	1966	.1	2.1
820812	25.7	8	1974	.3	2.1
820813	22.4	13	1987	.6	2.0
820814	24.2	16	2003	.7	2.0
820815	17.8	14	2017	.8	2.0
820816	29.9	7	2024	.2	1.9
820817	23.3	2	2026	.1	1.9
820818	35.0	1	2027	.0	1.8
820819	12.5	1	2028	.1	1.8
820820	25.2	6	2034	.2	1.8
820821	19.0	5	2039	.3	1.8
820822	25.7	5	2044	.2	1.7
820823	26.8	0	2044	0.0	1.7
820824	18.0	5	2049	.3	1.7
820825	27.2	10	2059	.4	1.6
820826	23.3	7	2066	.3	1.6
820827	24.7	1	2067	.0	1.6
820828	25.7	6	2073	.2	1.6
820829	11.8	1	2074	.1	1.5
820905	25.4	4	2078	.2	1.5
820906	23.2	2	2080	.1	1.5
820907	25.1	0	2080	0.0	1.5
820908	23.8	1	2081	.0	1.4
820909	22.0	1	2082	.0	1.4
820910	26.3	0	2082	0.0	1.4
820911	22.7	0	2082	0.0	1.4
820912	23.0	0	2082	0.0	1.4
820913	23.7	0	2082	0.0	1.3
820914	23.8	0	2082	0.0	1.3
820915	22.7	1	2083	.0	1.3
820916	18.0	3	2086	.2	1.3
820917	9.0	2	2088	.2	1.3
820918	15.0	2	2090	.1	1.3

Appendix 3-B-5. Cont.

DATE PERIOD	HOURS FISHED IN PERIOD	DAILY CATCH	CUMULATIVE CATCH	DAILY CATCH PER HOUR	CUMULATIVE CATCH PER HOUR
820920	5.4	0	2090	0.0	1.3
820921	24.9	2	2092	.1	1.2
820922	23.7	5	2097	.2	1.2
820923	24.8	5	2102	.2	1.2
820924	24.8	7	2109	.3	1.2
820925	19.5	2	2111	.1	1.2
820926	24.8	4	2115	.2	1.2
820927	25.6	0	2115	0.0	1.2
820928	22.0	3	2118	.1	1.1
820929	22.7	1	2119	.0	1.1
820930	24.2	0	2119	0.0	1.1
821001	24.7	1	2120	.0	1.1
821002	22.0	3	2123	.1	1.1
821003	21.7	2	2125	.1	1.1
821006	24.2	3	2128	.1	1.1
821007	24.1	2	2130	.1	1.1
821008	23.7	2	2132	.1	1.0
821009	23.5	0	2132	0.0	1.0
821010	23.6	0	2132	0.0	1.0
821011	23.8	2	2134	.1	1.0
821012	20.3	0	2134	0.0	1.0

Appendix 3-B-6. Pink salmon juveniles, downstream migrant trap daily and cumulative catch and catch per hour, June 18 to October 12, 1982.

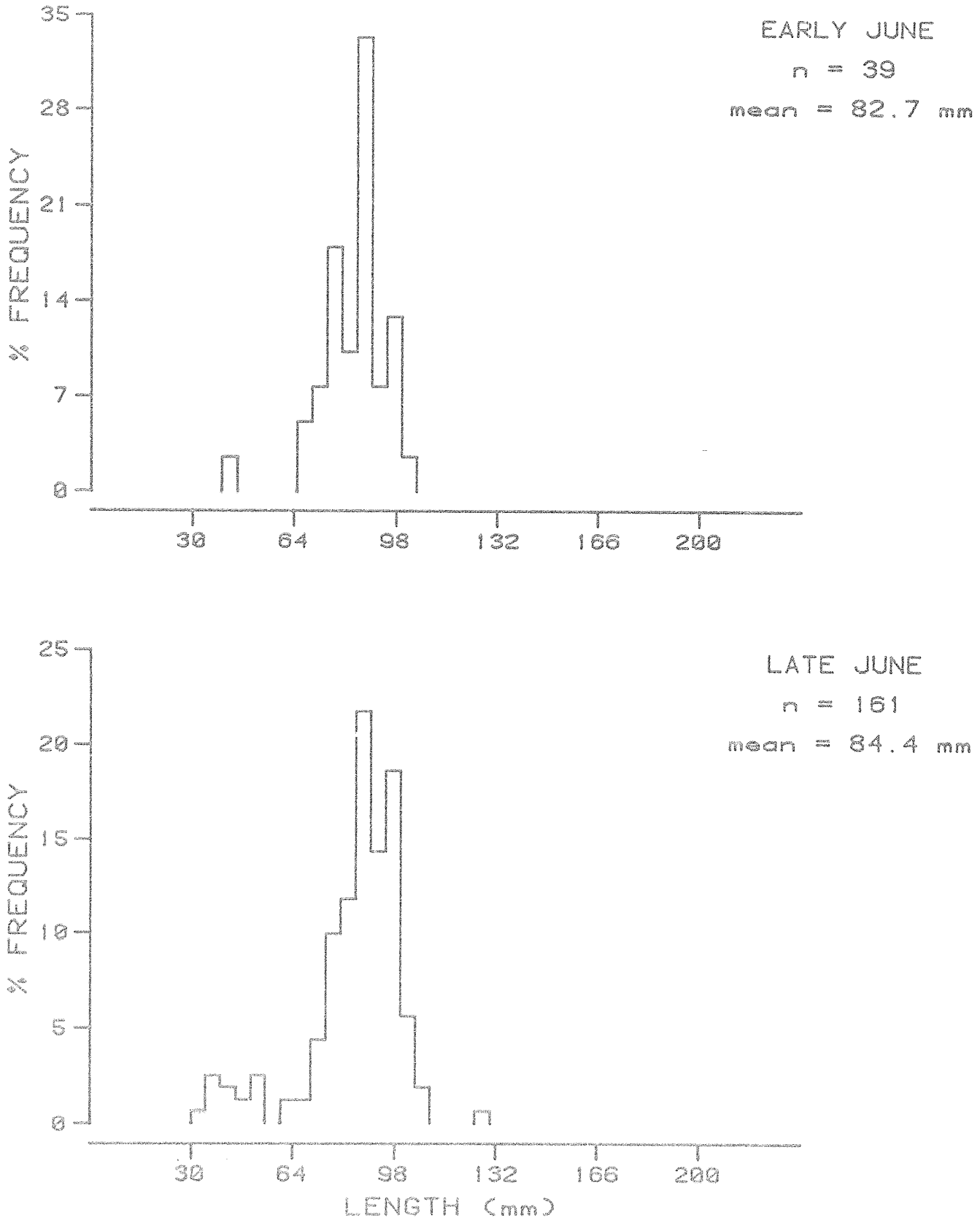
DATE PERIOD	HOURS FISHED IN PERIOD	DAILY CATCH	CUMULATIVE CATCH	DAILY CATCH PER HOUR	CUMULATIVE CATCH PER HOUR
820618	2.0	0	0	0.0	0.0
820619	7.3	0	0	0.0	0.0
820620	6.6	0	0	0.0	0.0
820621	9.0	0	0	0.0	0.0
820622	13.6	0	0	0.0	0.0
820623	12.9	0	0	0.0	0.0
820624	22.6	0	0	0.0	0.0
820625	14.7	0	0	0.0	0.0
820626	15.1	0	0	0.0	0.0
820627	14.8	0	0	0.0	0.0
820628	16.9	0	0	0.0	0.0
820703	14.7	1	1	.1	.0
820704	12.1	0	1	0.0	.0
820705	33.7	0	1	0.0	.0
820706	23.9	2	3	.1	.0
820707	7.2	0	3	0.0	.0
820708	5.7	1	4	.2	.0
820709	17.3	1	5	.1	.0
820710	11.3	0	5	0.0	.0
820711	13.0	0	5	0.0	.0
820712	12.9	0	5	0.0	.0
820713	16.9	0	5	0.0	.0
820714	15.8	0	5	0.0	.0
820715	14.6	1	6	.1	.0
820716	23.3	0	6	0.0	.0
820717	22.9	1	7	.0	.0
820718	24.4	0	7	0.0	.0
820719	22.5	0	7	0.0	.0
820720	24.3	0	7	0.0	.0
820721	22.7	0	7	0.0	.0
820722	23.3	0	7	0.0	.0
820723	24.1	0	7	0.0	.0
820724	22.4	0	7	0.0	.0
820725	14.1	0	7	0.0	.0
820726	14.2	0	7	0.0	.0
820727	21.5	0	7	0.0	.0
820728	19.2	0	7	0.0	.0
820729	28.3	0	7	0.0	.0
820730	26.8	0	7	0.0	.0
820731	12.0	0	7	0.0	.0
820801	24.2	0	7	0.0	.0

Appendix 3-B-6. Cont.

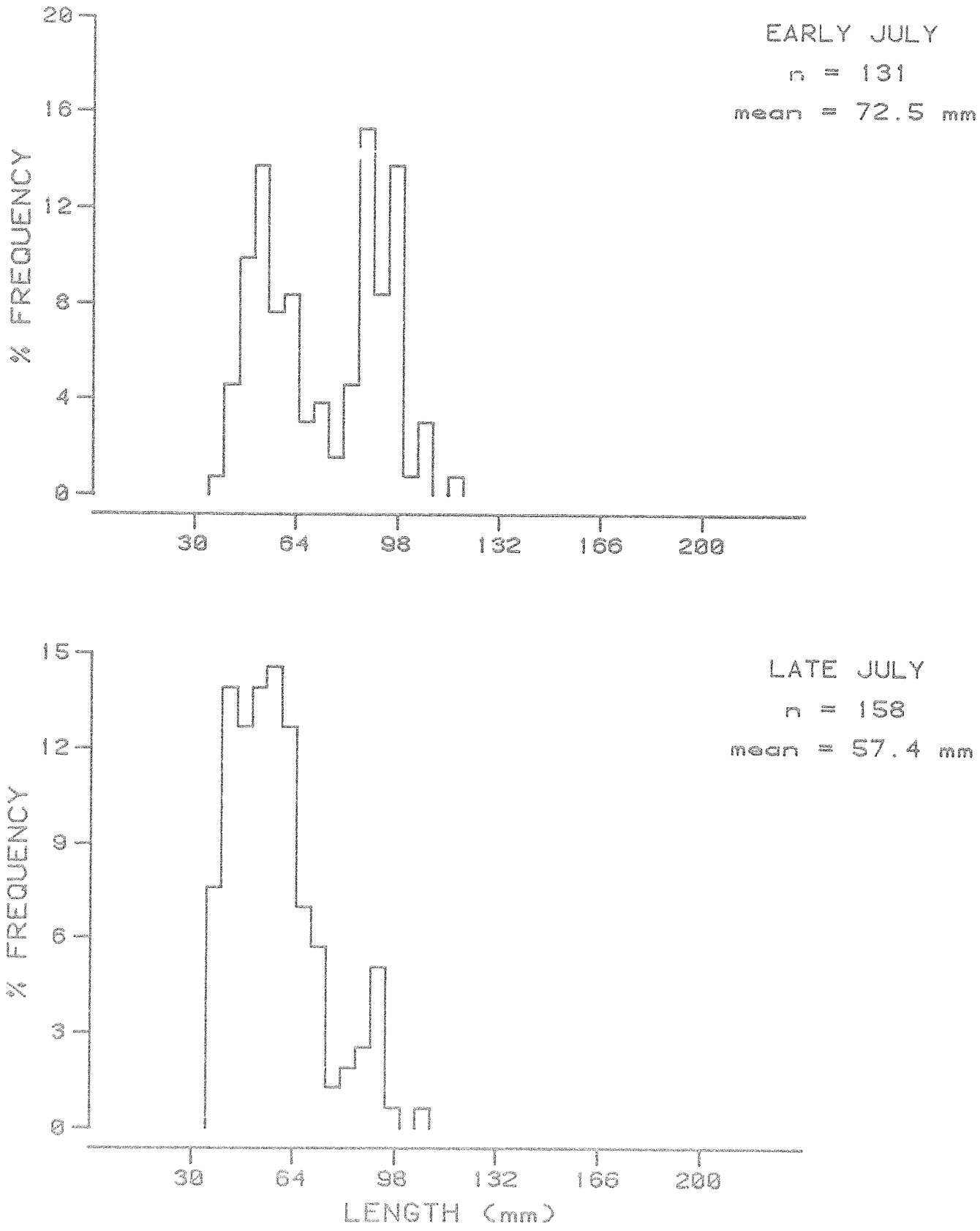
DATE PERIOD	HOURS FISHED IN PERIOD	DAILY CATCH	CUMULATIVE CATCH	DAILY CATCH PER HOUR	CUMULATIVE CATCH PER HOUR
820802	22.8	0	7	0.0	.0
820803	16.9	0	7	0.0	.0
820804	21.8	0	7	0.0	.0
820805	31.6	0	7	0.0	.0
820806	21.4	0	7	0.0	.0
820807	19.5	0	7	0.0	.0
820808	24.7	0	7	0.0	.0
820809	22.2	0	7	0.0	.0
820810	22.2	0	7	0.0	.0
820811	21.7	0	7	0.0	.0
820812	25.7	0	7	0.0	.0
820813	22.4	0	7	0.0	.0
820814	24.2	0	7	0.0	.0
820815	17.8	0	7	0.0	.0
820816	29.9	0	7	0.0	.0
820817	23.3	0	7	0.0	.0
820818	35.0	0	7	0.0	.0
820819	12.5	0	7	0.0	.0
820820	25.2	0	7	0.0	.0
820821	19.0	0	7	0.0	.0
820822	25.7	0	7	0.0	.0
820823	26.8	0	7	0.0	.0
820824	18.0	0	7	0.0	.0
820825	27.2	0	7	0.0	.0
820826	23.3	0	7	0.0	.0
820827	24.7	0	7	0.0	.0
820828	25.7	0	7	0.0	.0
820829	11.8	0	7	0.0	.0
820905	25.4	0	7	0.0	.0
820906	23.2	0	7	0.0	.0
820907	25.1	0	7	0.0	.0
820908	23.8	0	7	0.0	.0
820909	22.0	0	7	0.0	.0
820910	26.3	0	7	0.0	.0
820911	22.7	0	7	0.0	.0
820912	23.0	0	7	0.0	.0
820913	23.7	0	7	0.0	.0
820914	23.8	0	7	0.0	.0
820915	22.7	0	7	0.0	.0
820916	18.0	0	7	0.0	.0
820917	9.0	0	7	0.0	.0
820918	15.0	0	7	0.0	.0

Appendix 3-B-6. Cont.

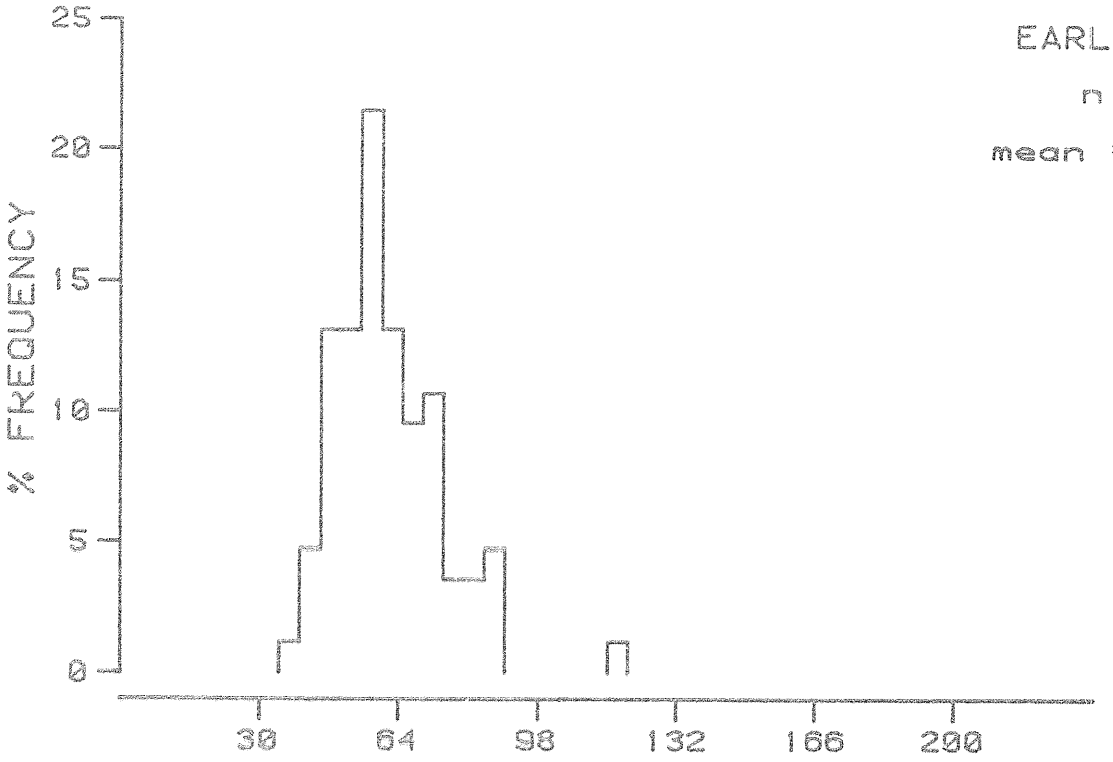
DATE PERIOD	HOURS FISHED IN PERIOD	DAILY CATCH	CUMULATIVE CATCH	DAILY CATCH PER HOUR	CUMULATIVE CATCH PER HOUR
820920	5.4	0	7	0.0	.0
820921	24.9	0	7	0.0	.0
820922	23.7	0	7	0.0	.0
820923	24.8	0	7	0.0	.0
820924	24.8	0	7	0.0	.0
820925	19.5	0	7	0.0	.0
820926	24.8	0	7	0.0	.0
820927	25.6	0	7	0.0	.0
820928	22.0	0	7	0.0	.0
820929	22.7	0	7	0.0	.0
820930	24.2	0	7	0.0	.0
821001	24.7	0	7	0.0	.0
821002	22.0	0	7	0.0	.0
821003	21.7	0	7	0.0	.0
821006	24.2	0	7	0.0	.0
821007	24.1	0	7	0.0	.0
821008	23.7	0	7	0.0	.0
821009	23.5	0	7	0.0	.0
821010	23.6	0	7	0.0	.0
821011	23.8	0	7	0.0	.0
821012	20.3	0	7	0.0	.0

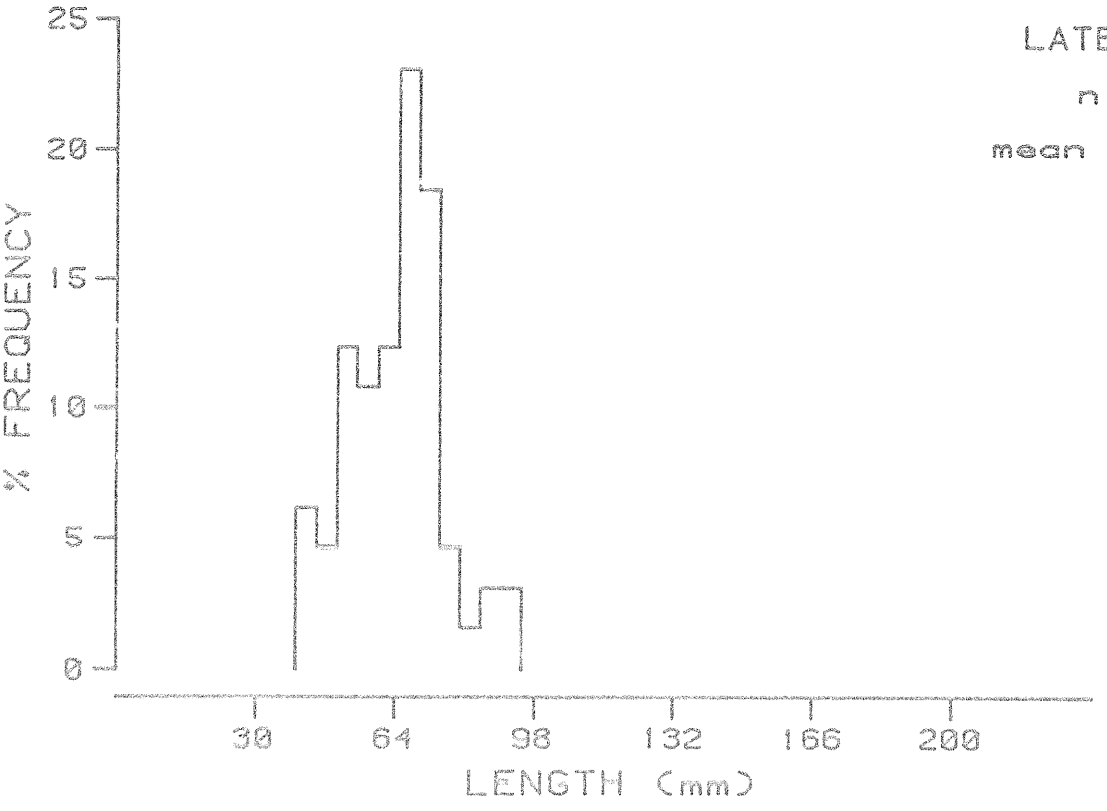


Appendix Figure 3-B-1. Chinook salmon juveniles, percent length frequency distribution by two week period for the Susitna River above the Chulitna River confluence, June through September, 1982.

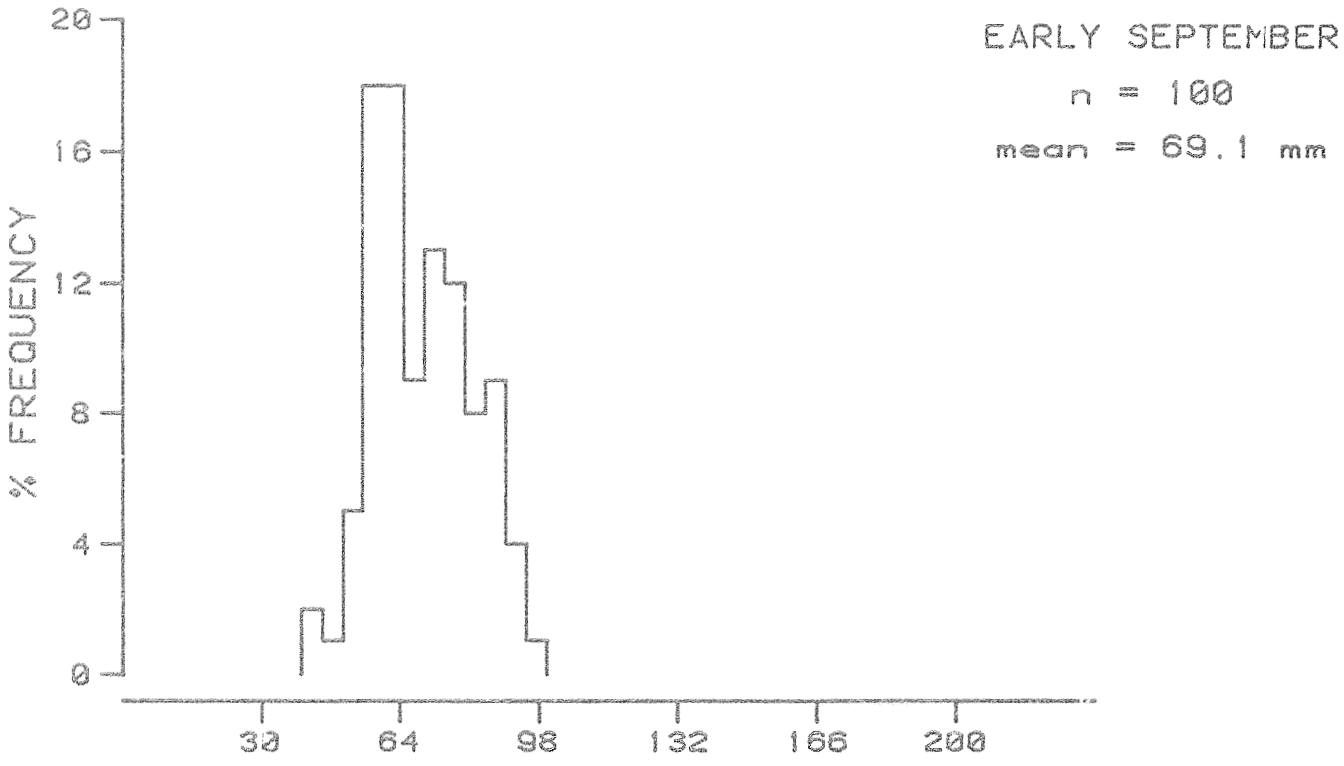


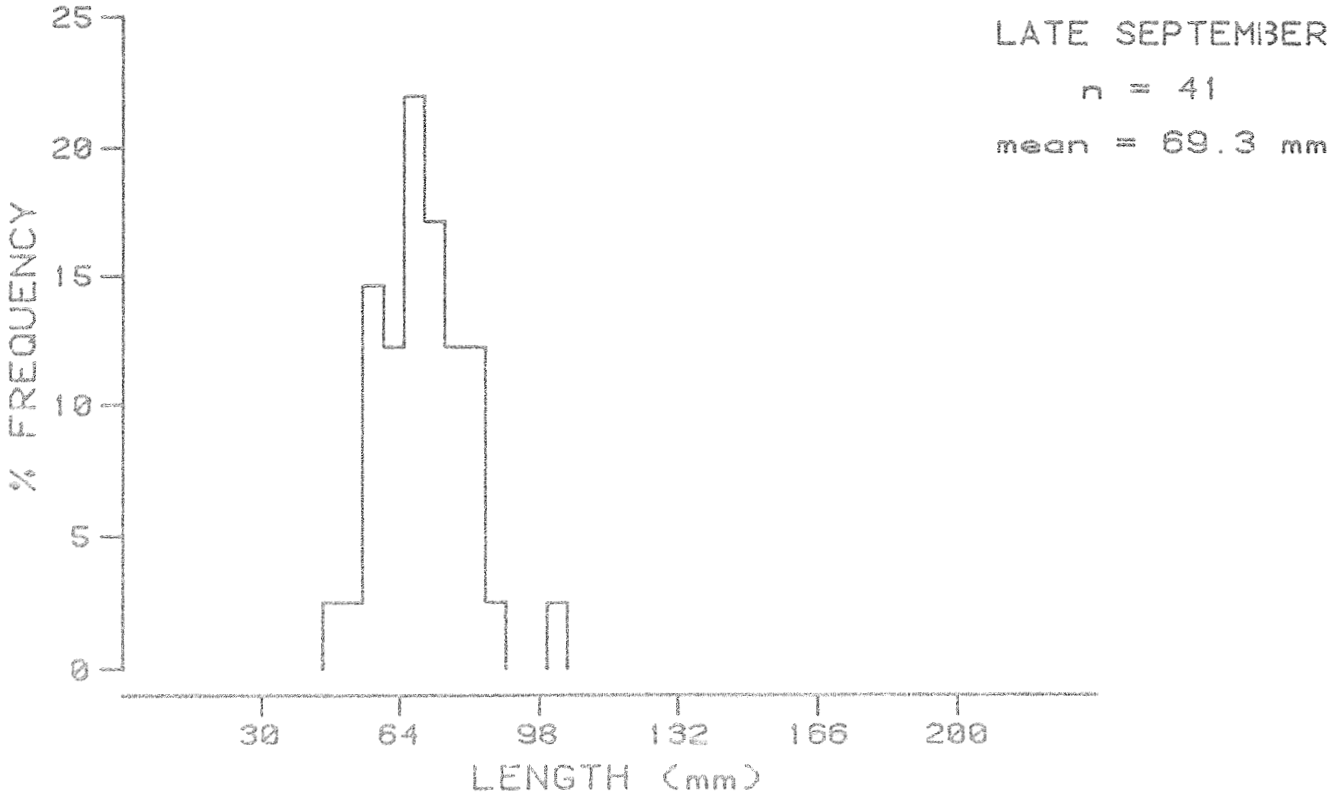
Appendix Figure 3-B-1. Continued.



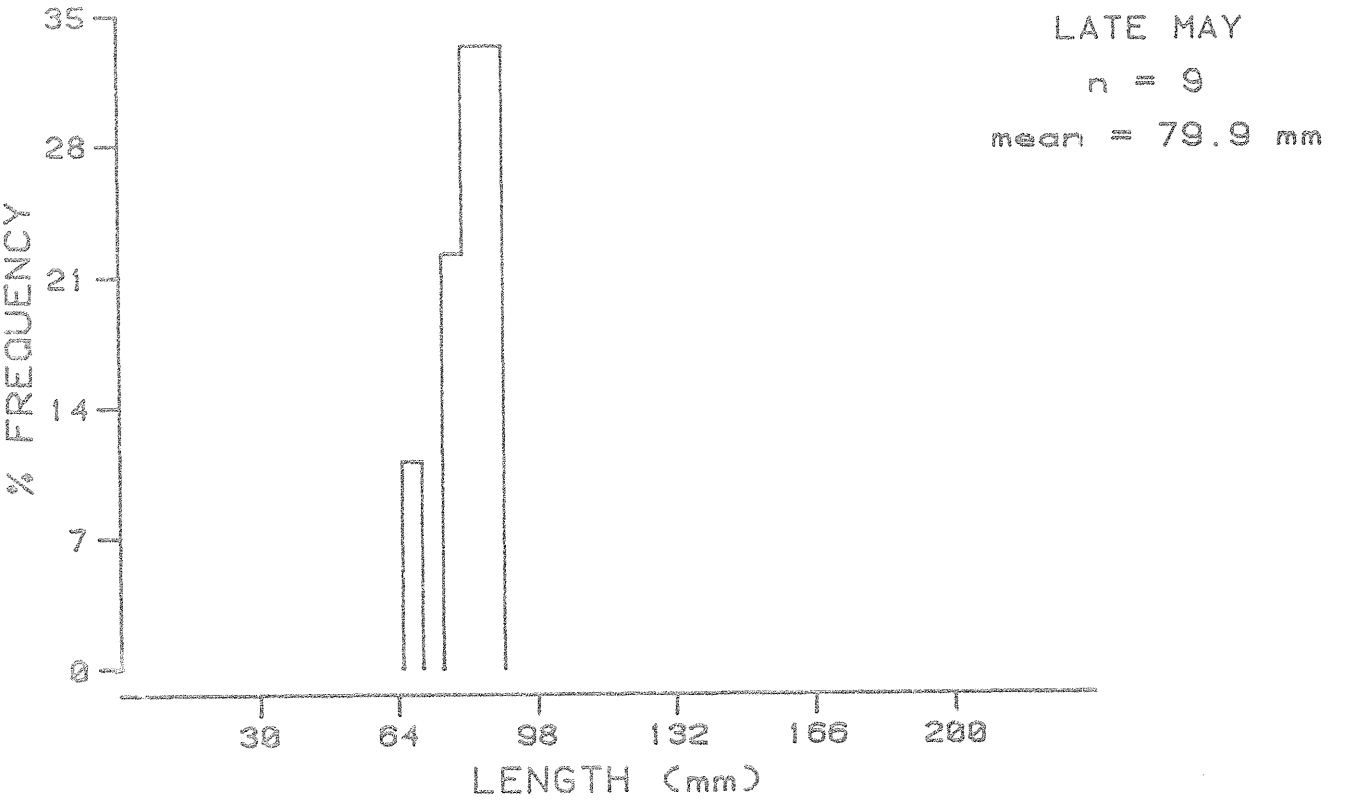


Appendix Figure 3-B-1. Continued.

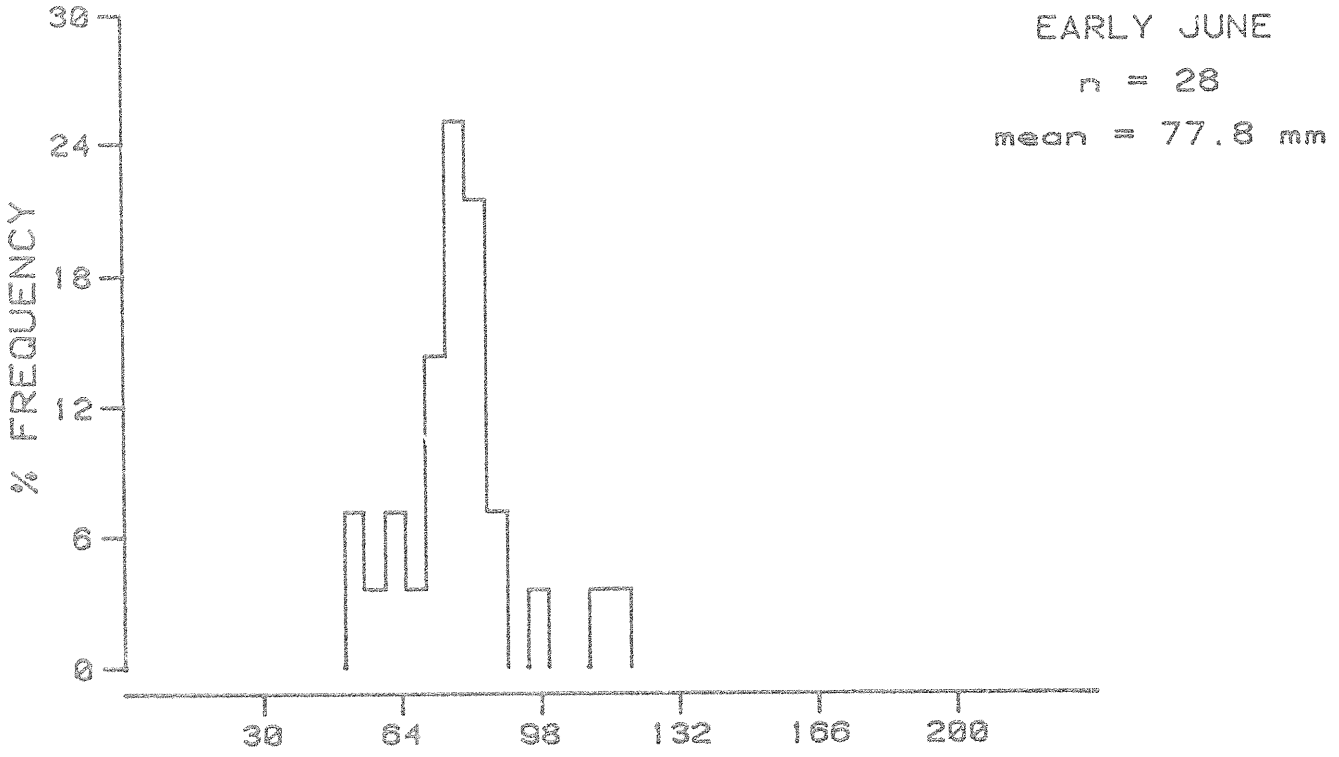


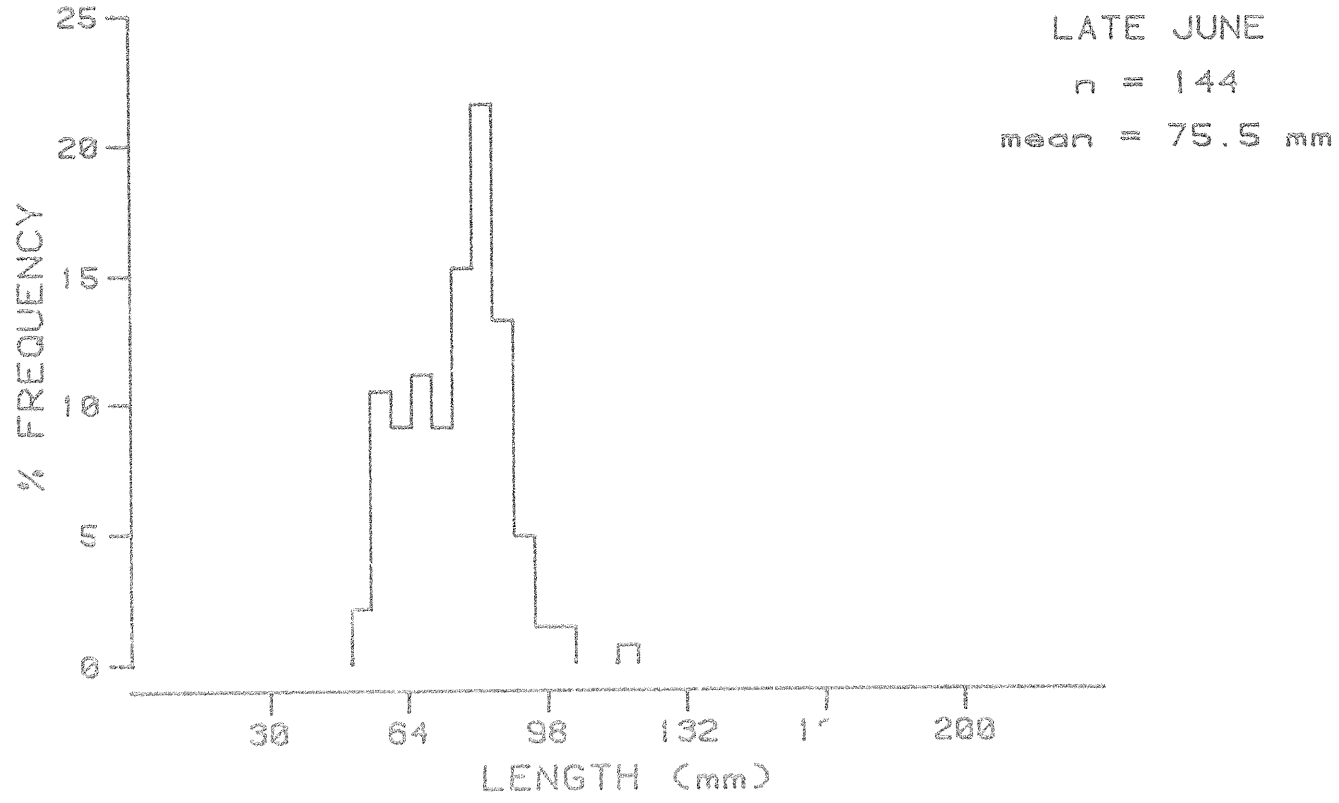


Appendix Figure 3-B-1. Continued.

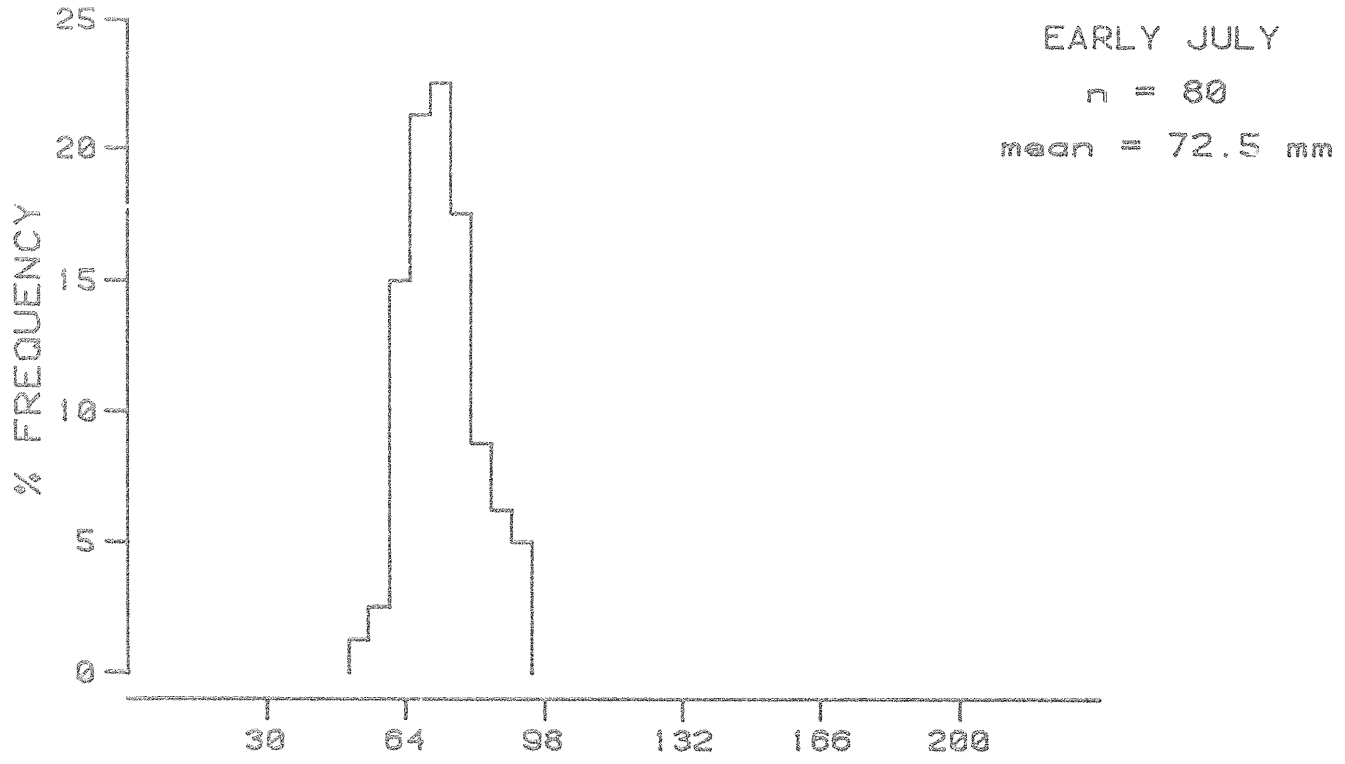


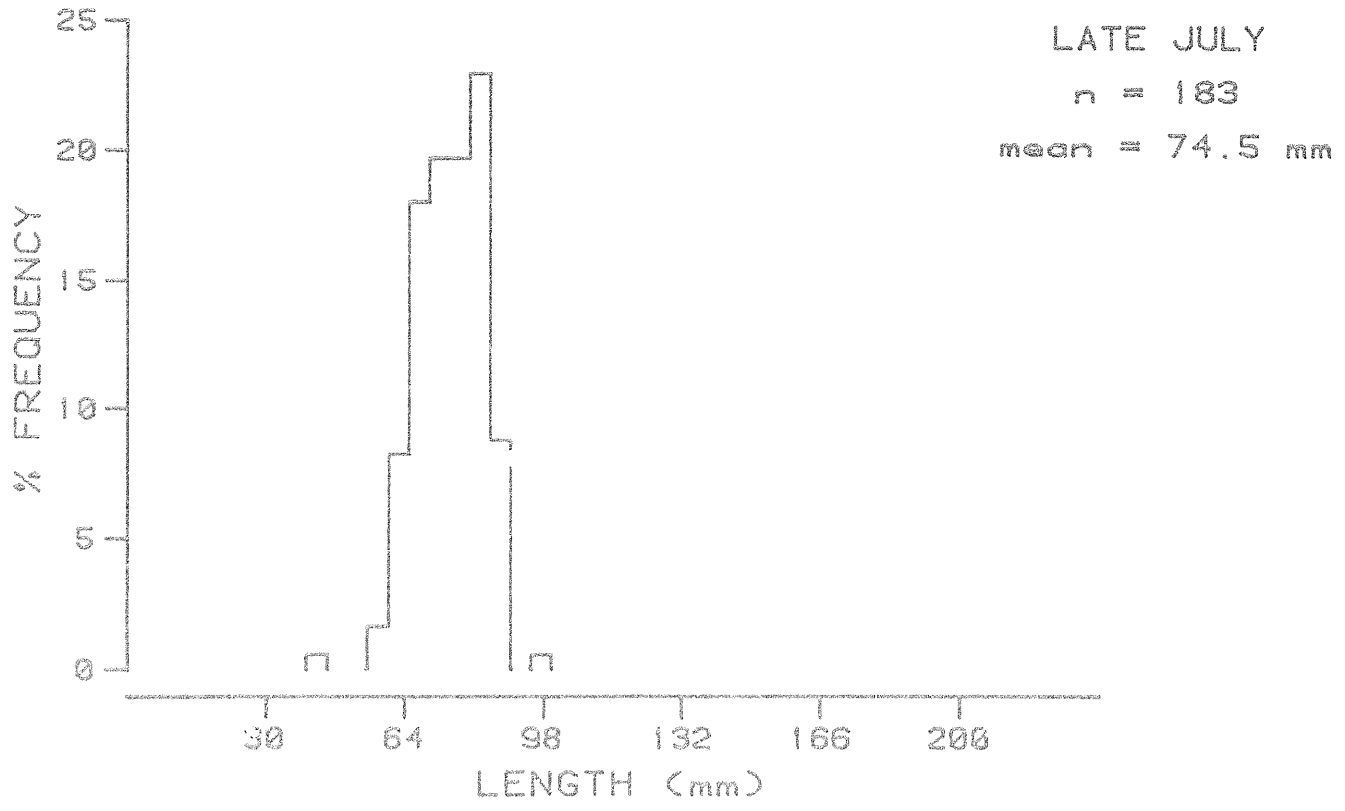
Appendix Figure 3-B-2. Chinook salmon juveniles, percent length frequency distribution by two week period for the Susitna River below the Chulitna River confluence, late May through September, 1982.



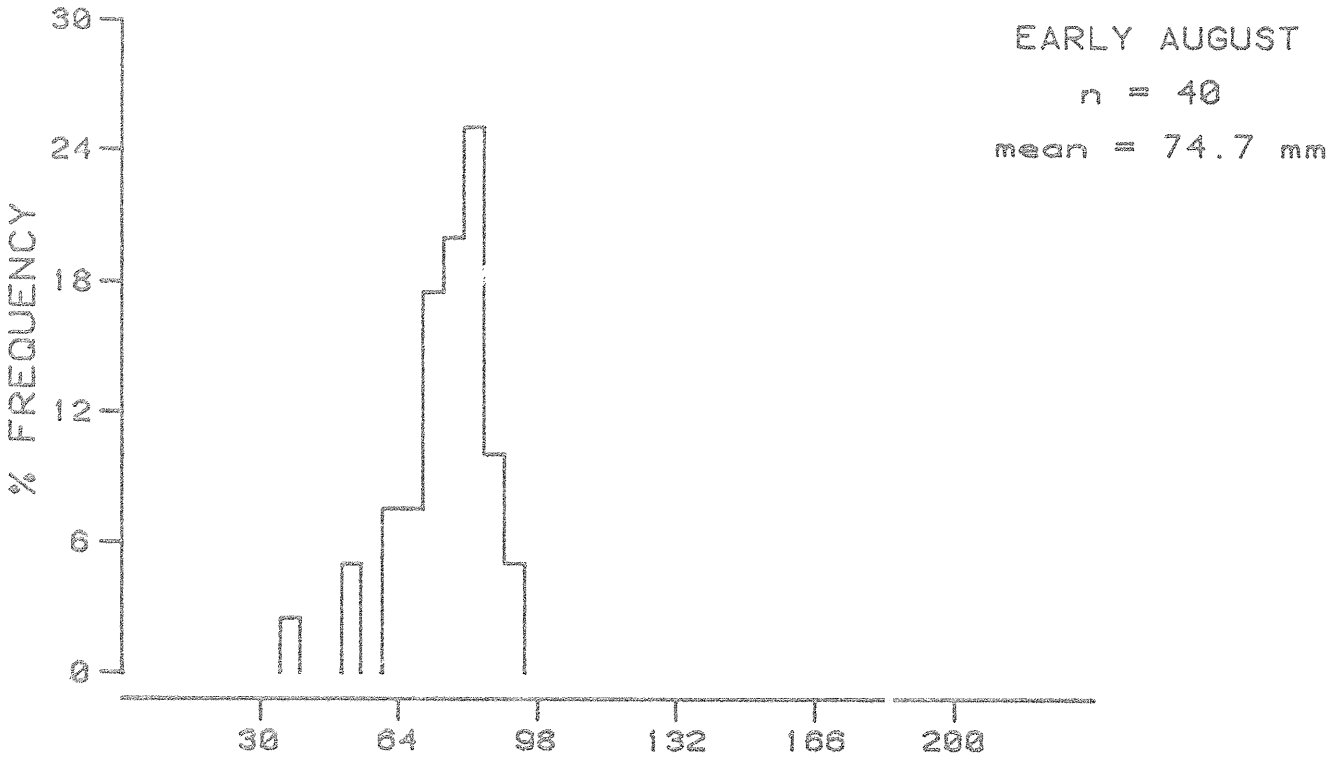


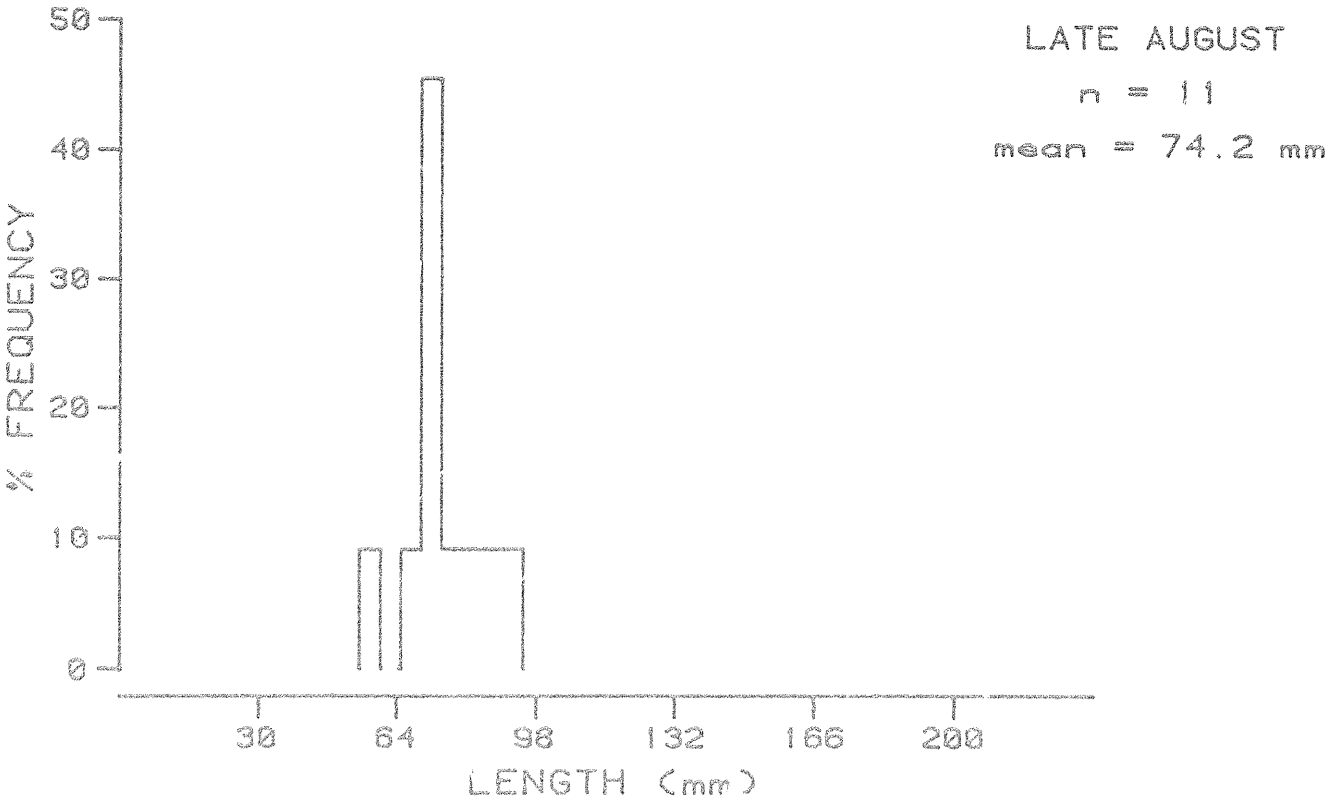
Appendix Figure 3-B-2. Continued.





Appendix Figure 3-B-2. Continued.





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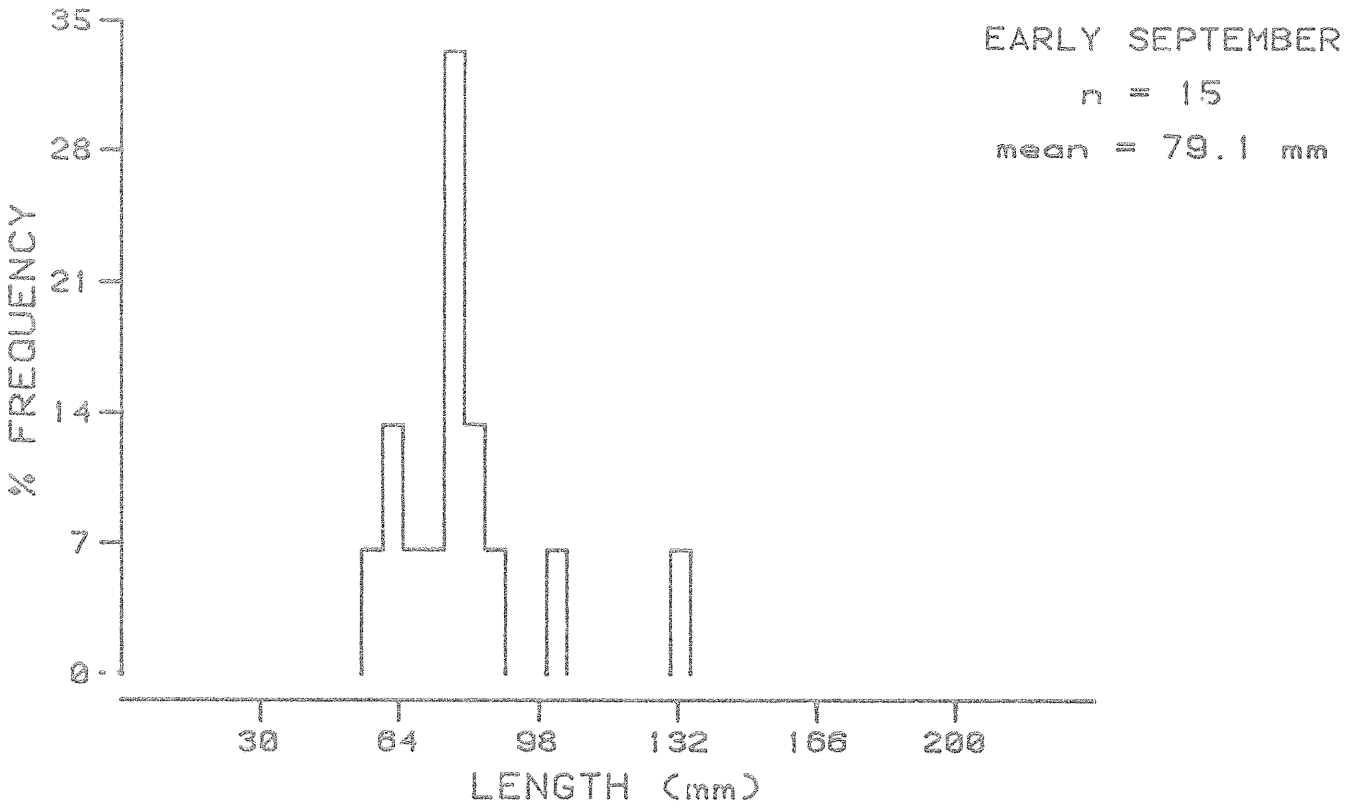

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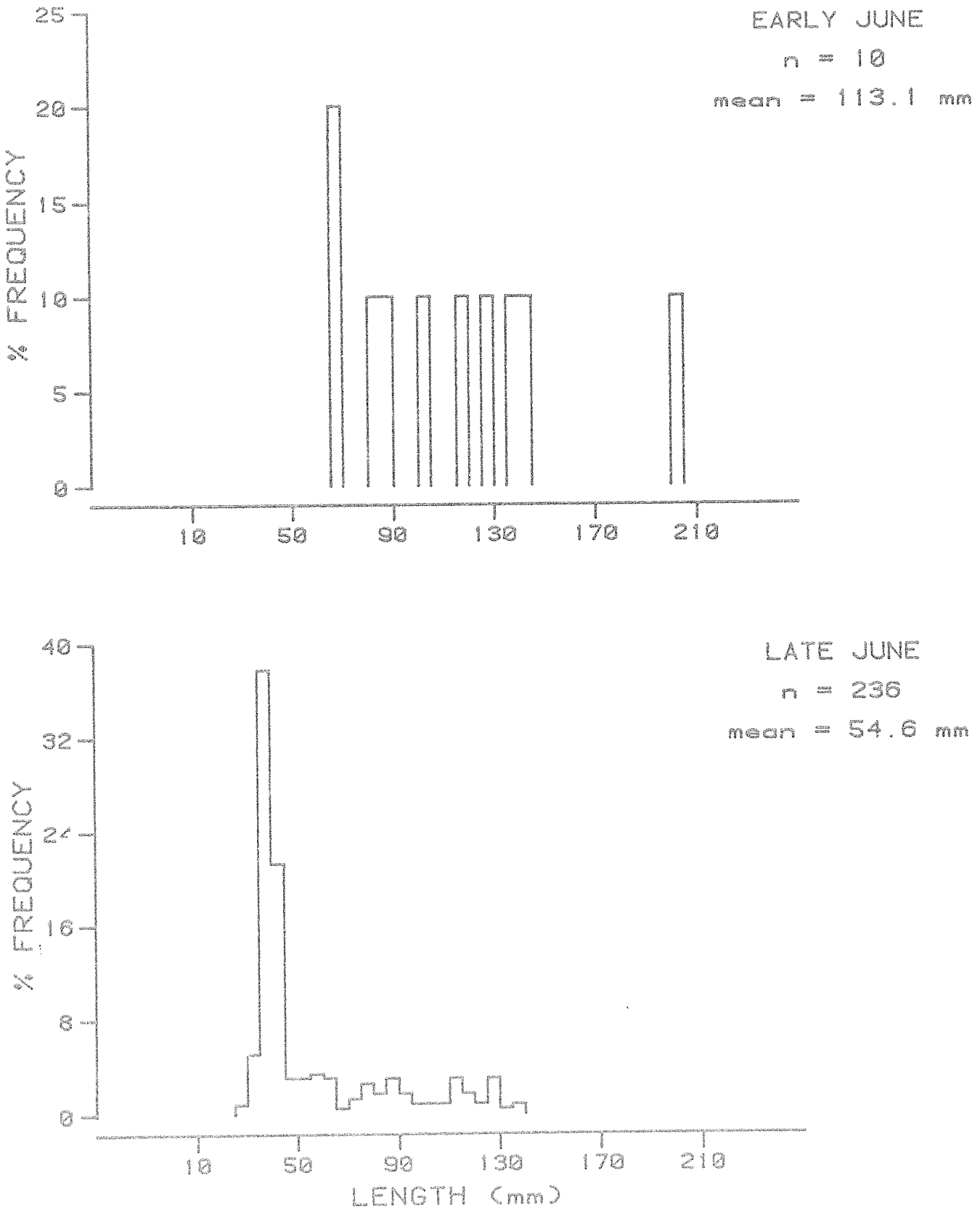
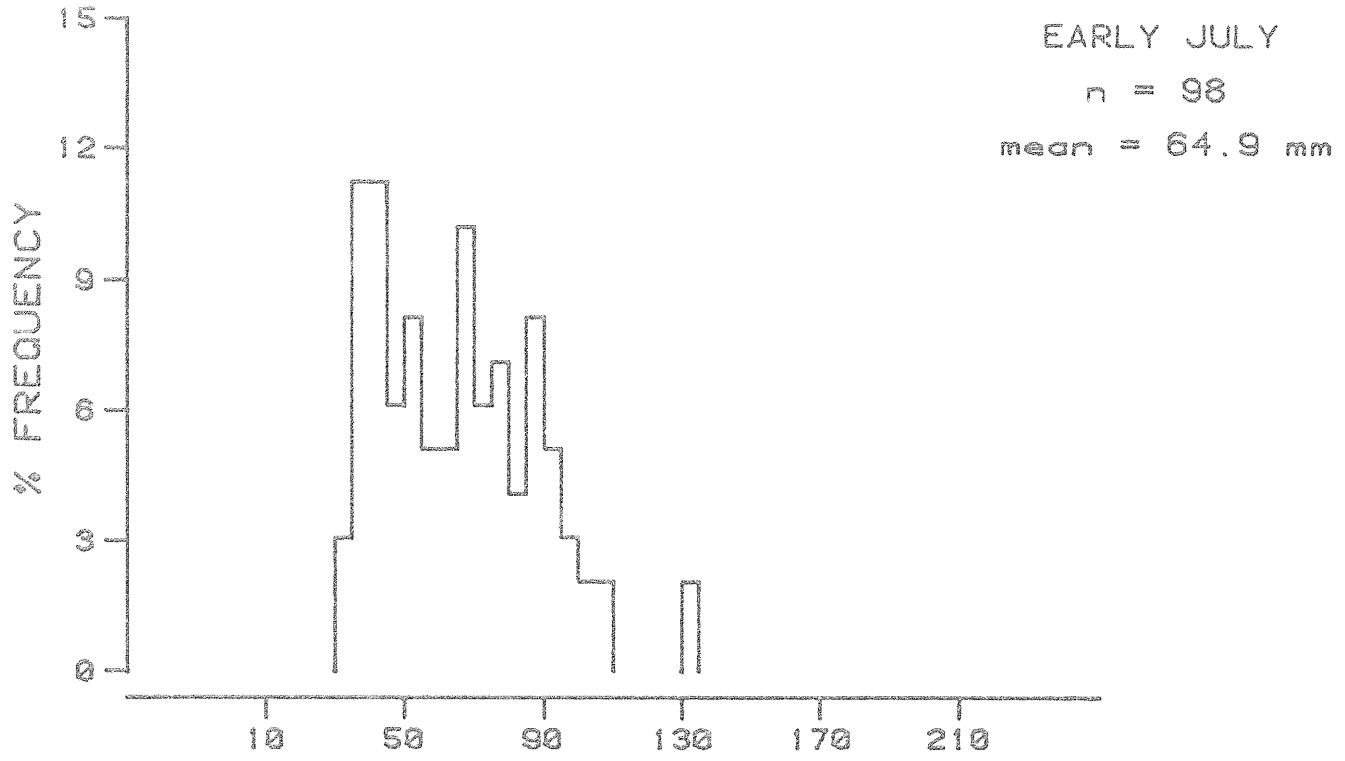
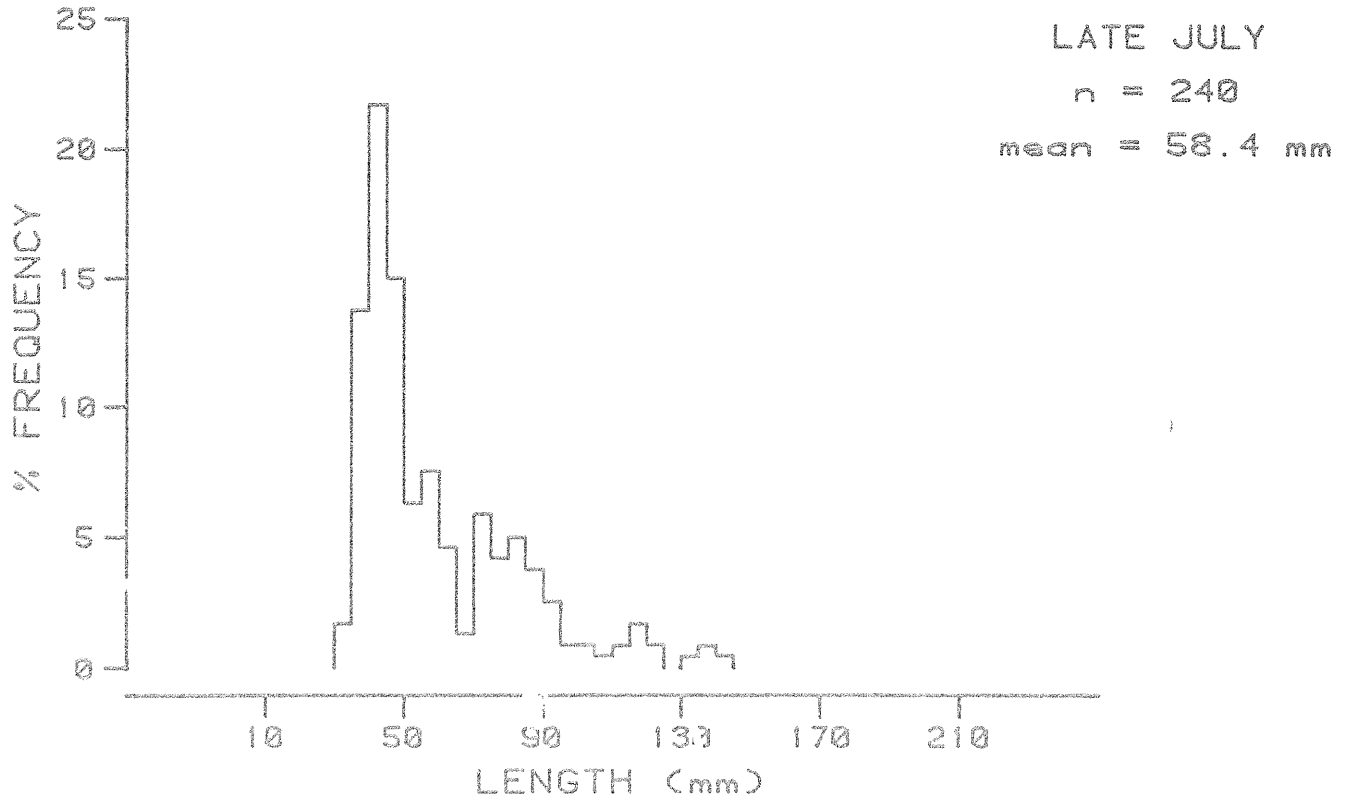
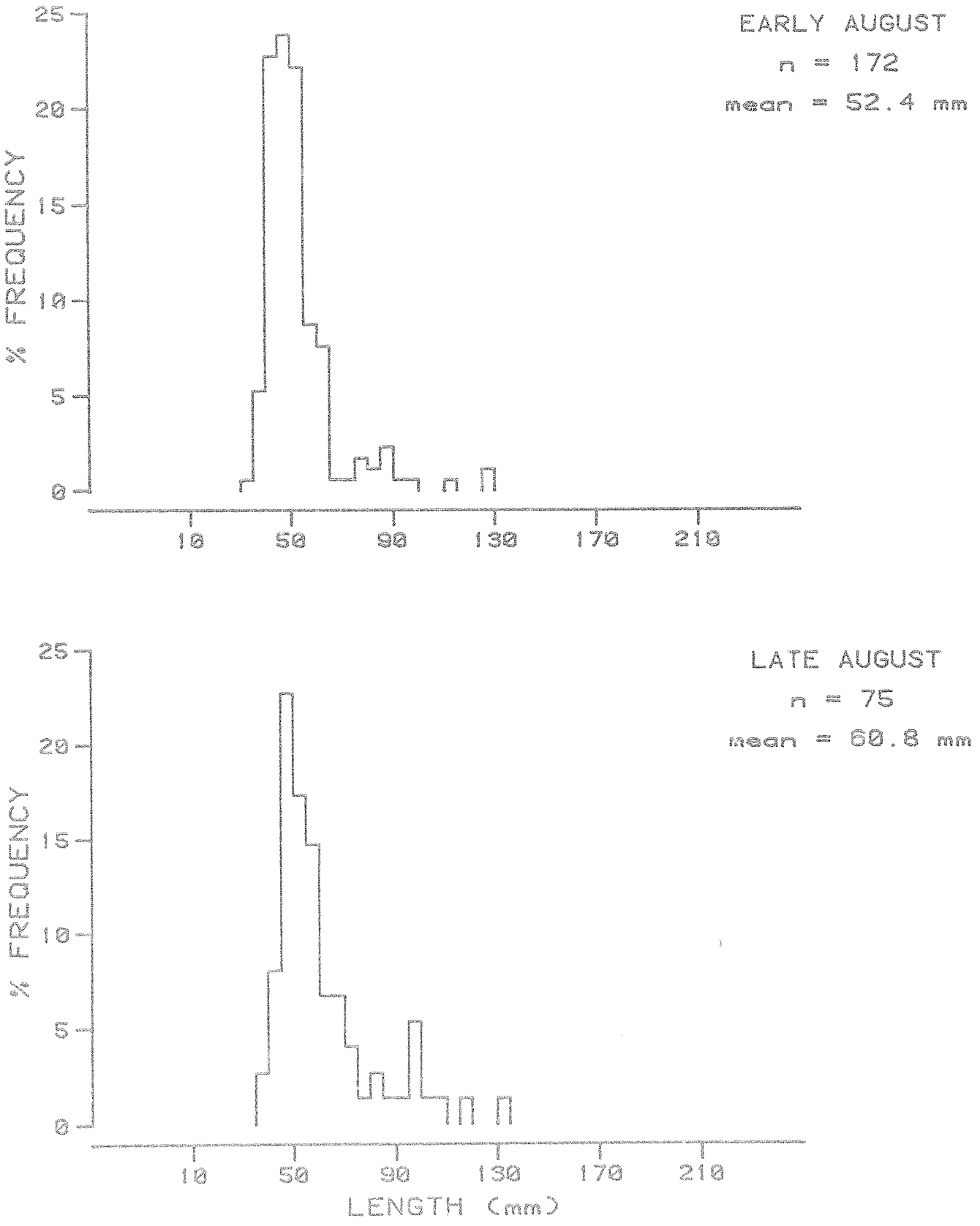


Appendix Figure 3-B-3 Coho salmon juveniles, percent length frequency distribution by two week period for the Susitna River above the Chulitna River confluence, June through September, 1982.

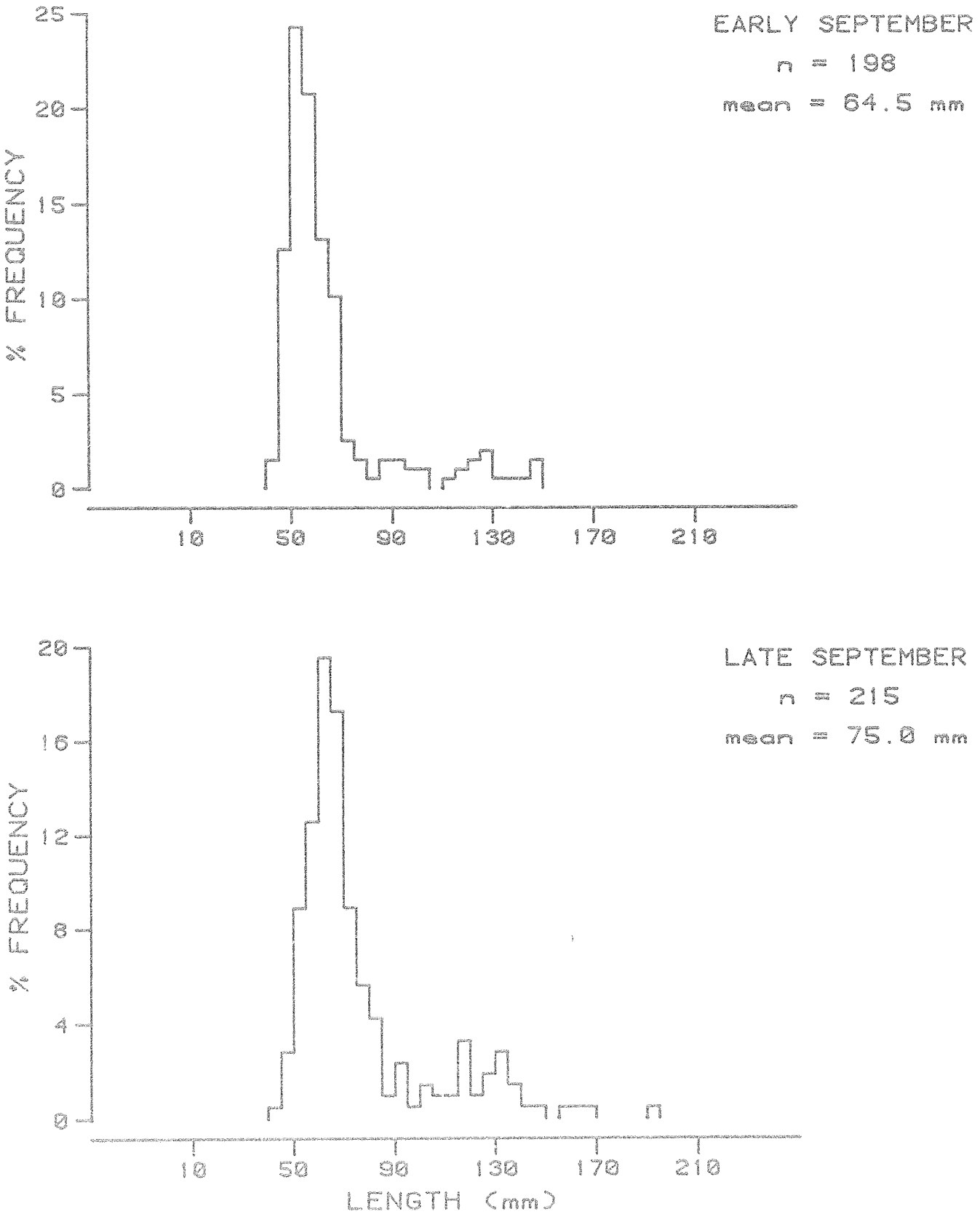




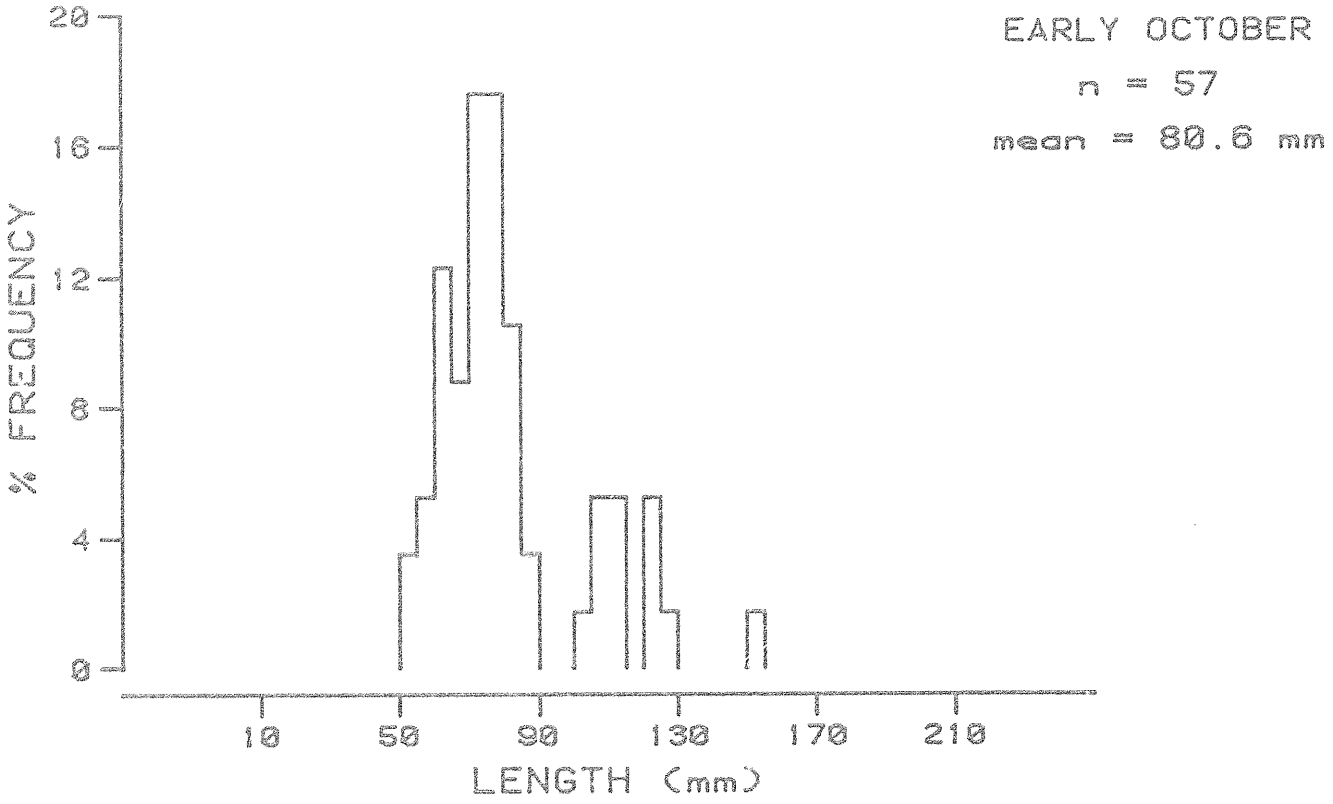
Appendix Figure 3-B-3. Continued.



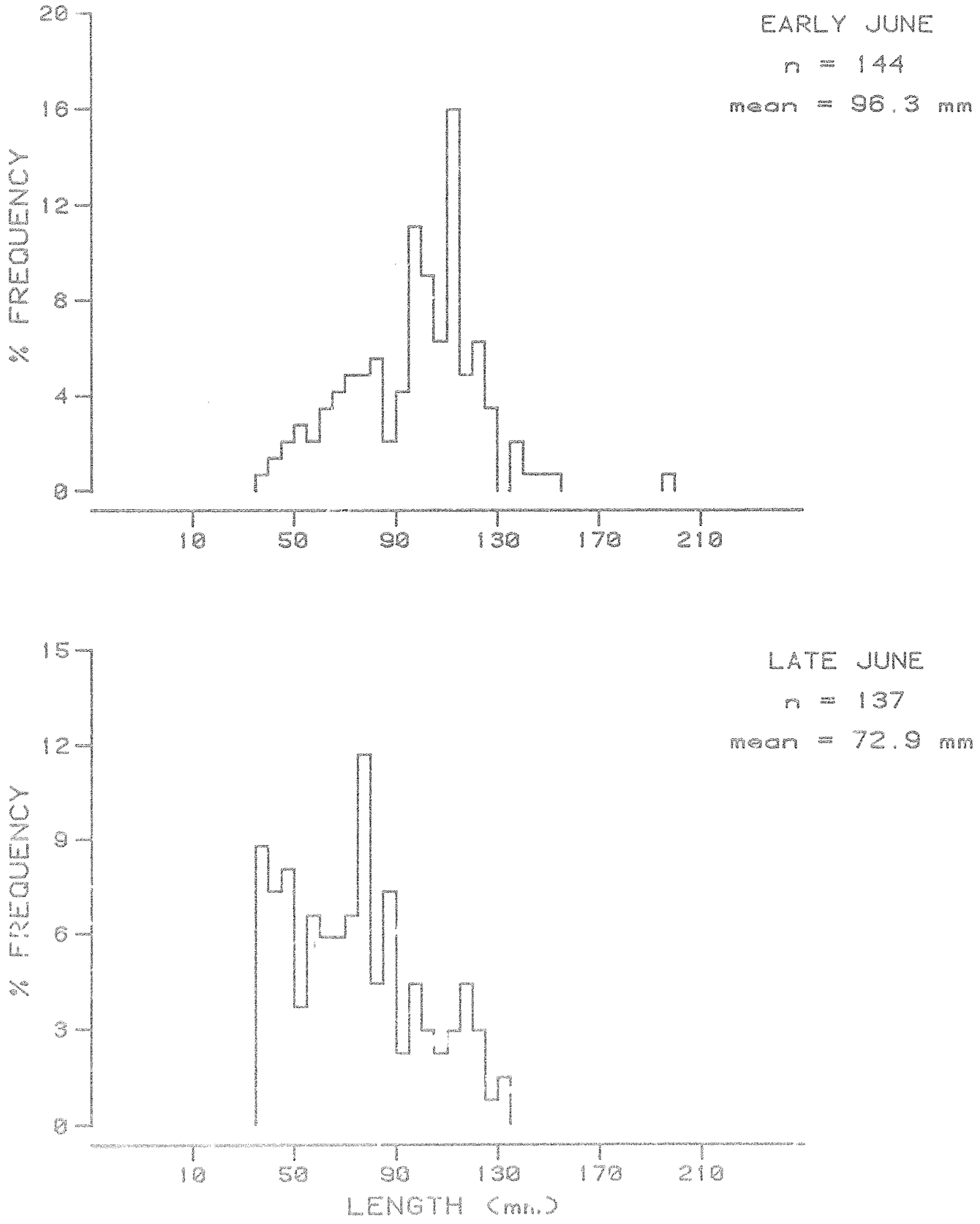
Appendix Figure 3-B-3. Continued.



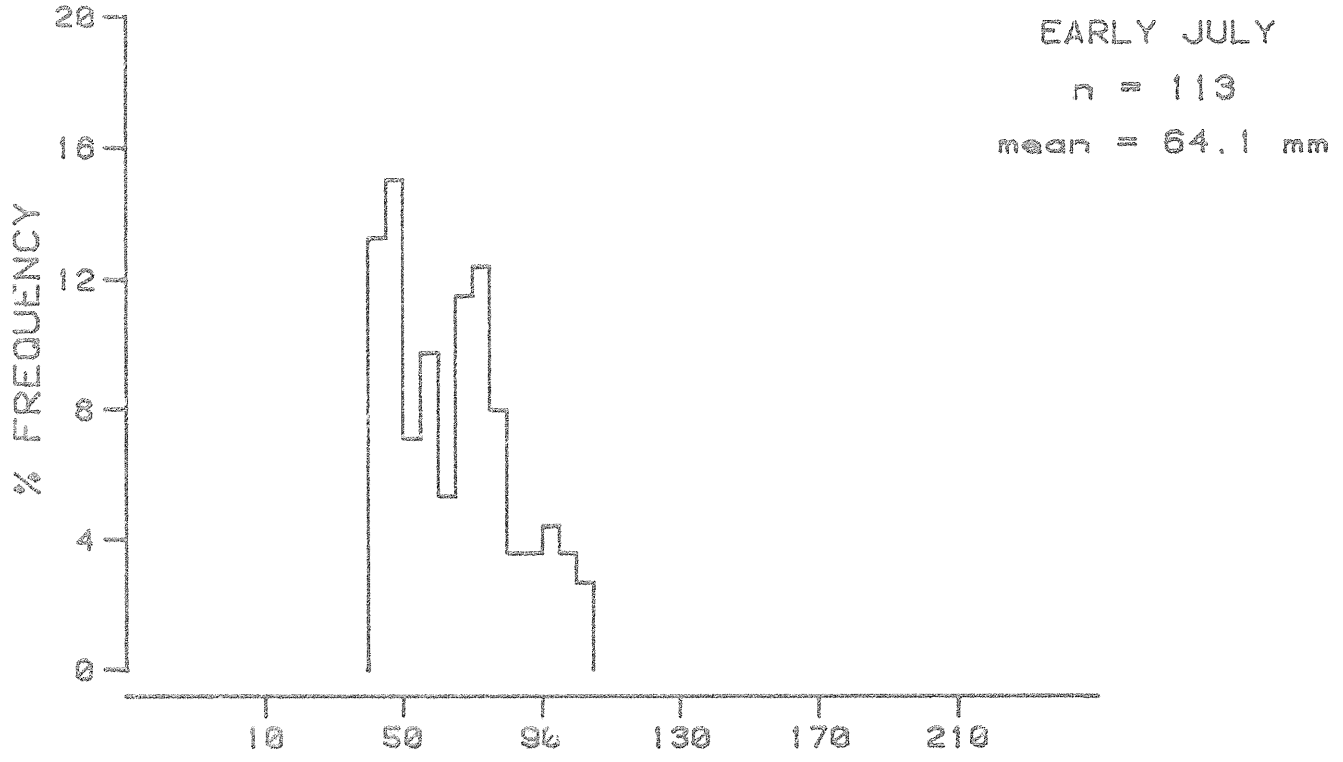
Appendix Figure 3-B-3. Continued.

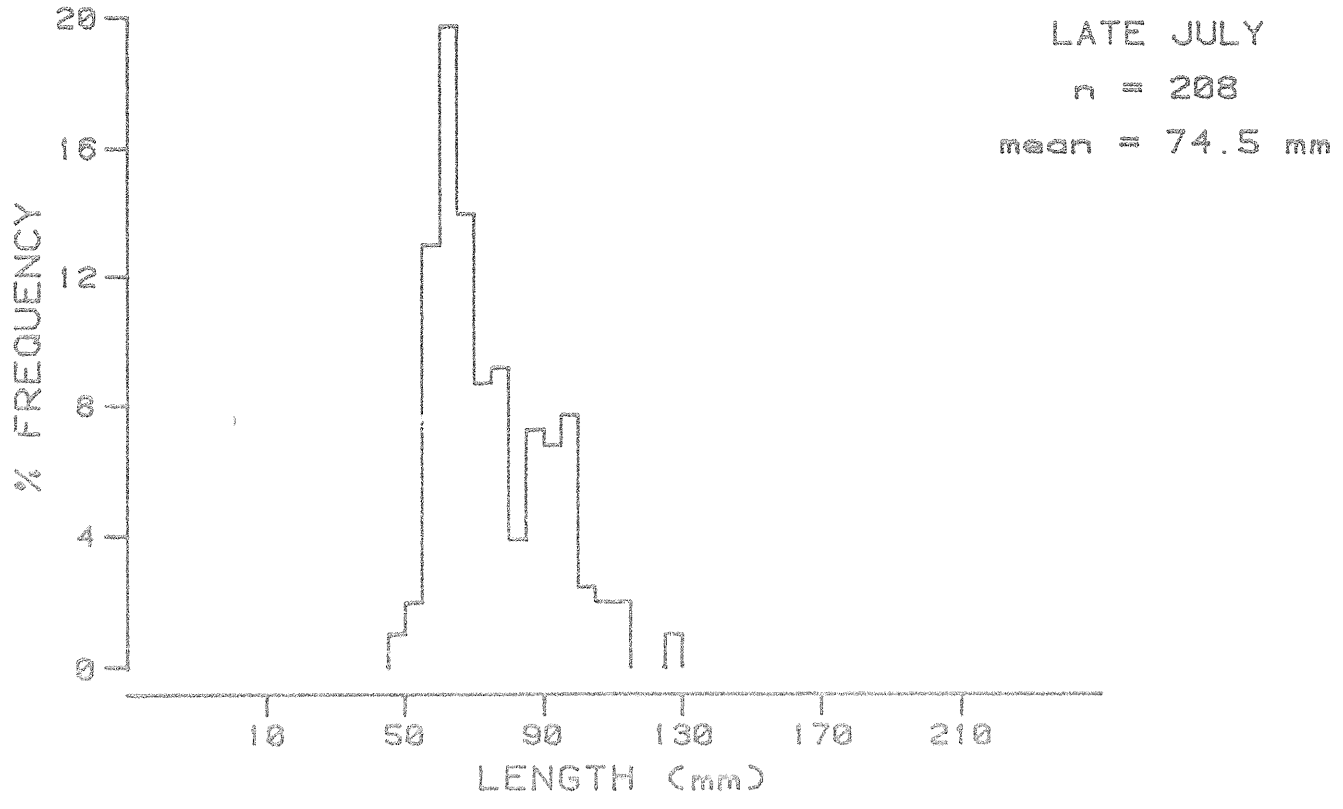


Appendix Figure 3-B-3. Continued.

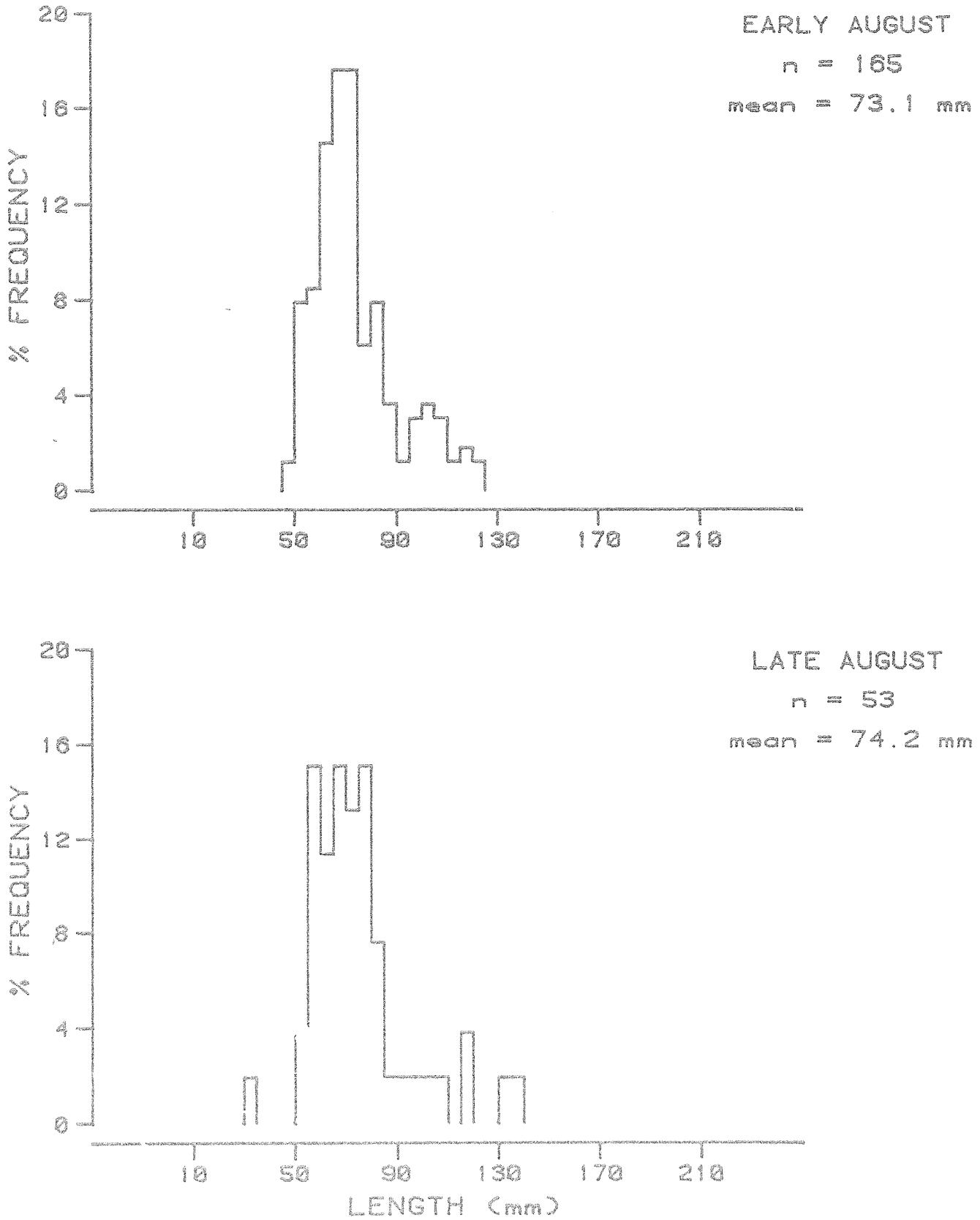


Appendix Figure 3-B-4 Coho salmon juveniles, percent length frequency distribution by two week period for the Susitna River below the Chulitna River confluence, June through September, 1982.

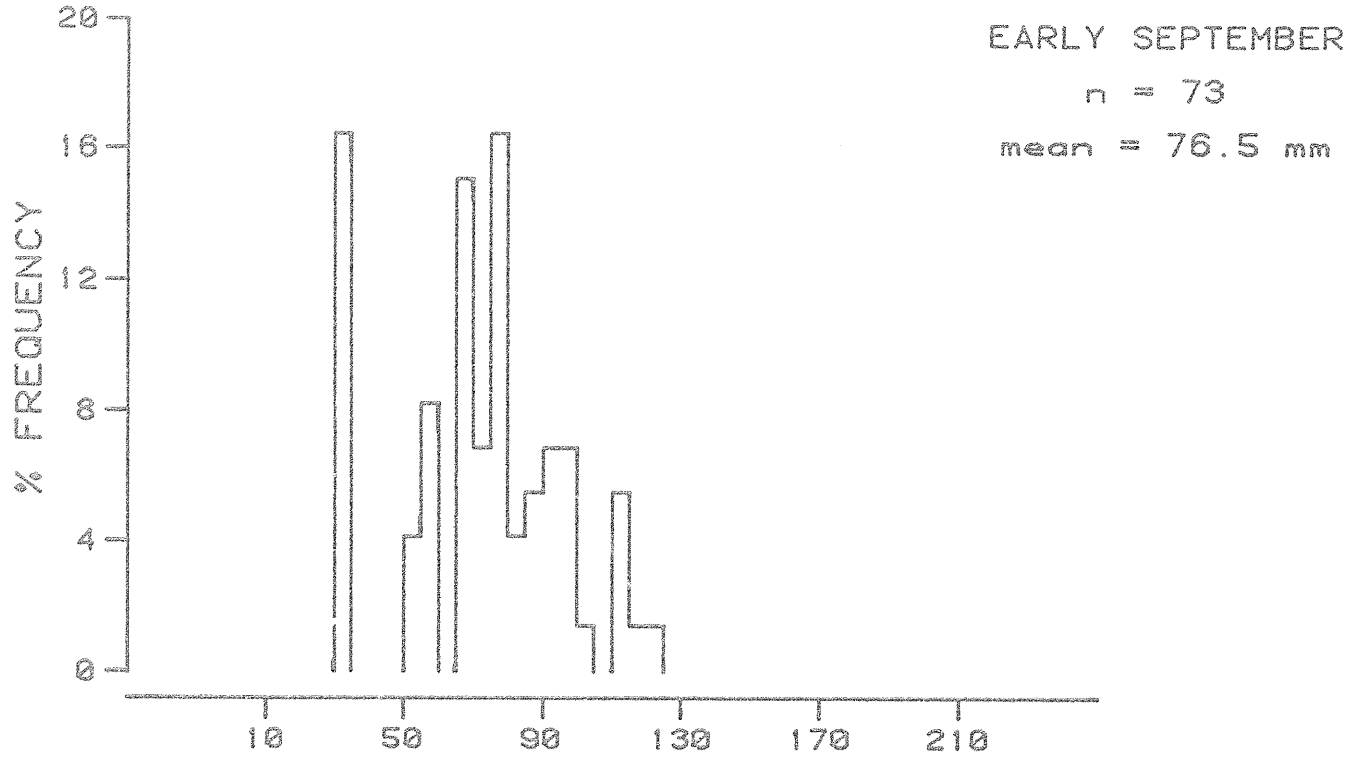


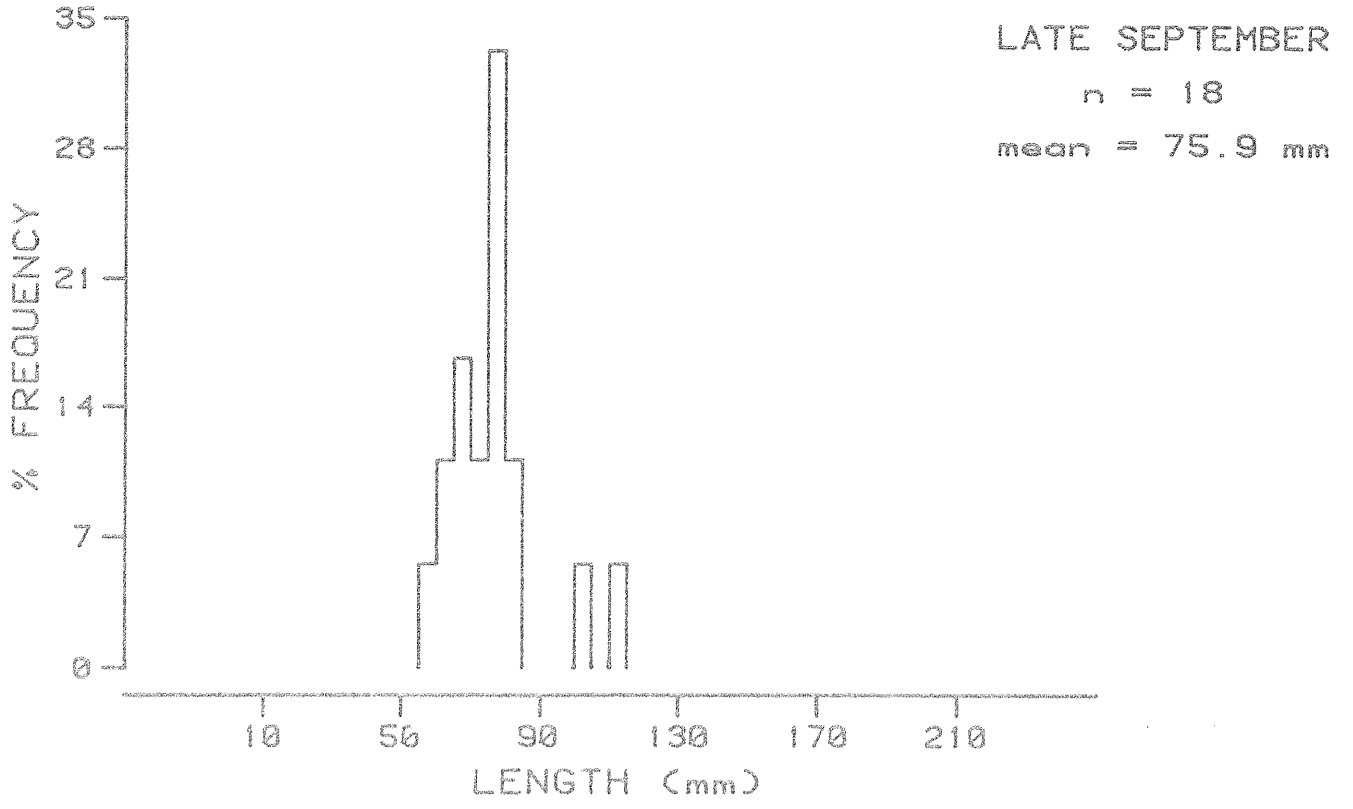


Appendix Figure 3-B-4. Continued.



Appendix Figure 3-B-4. Continued.





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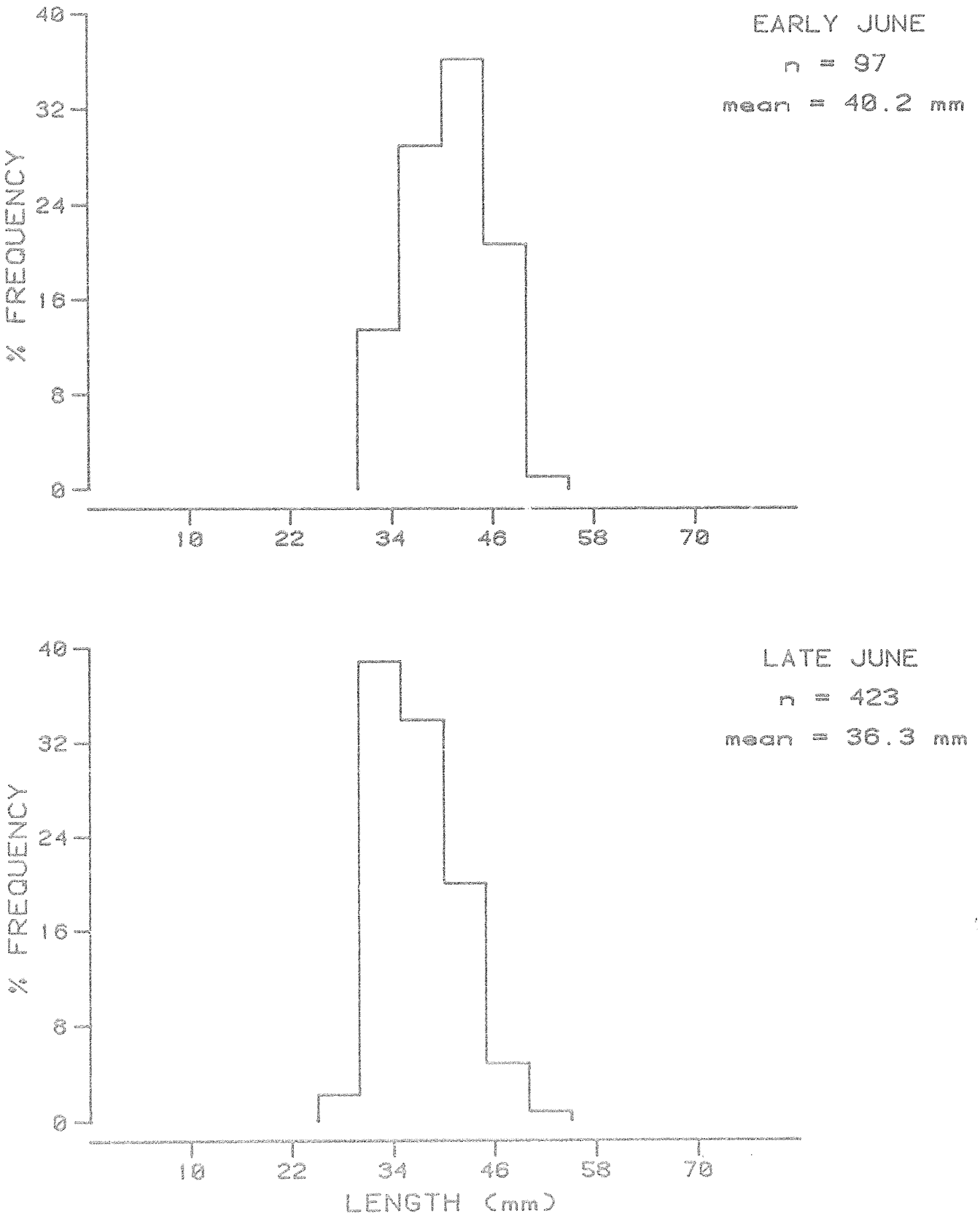
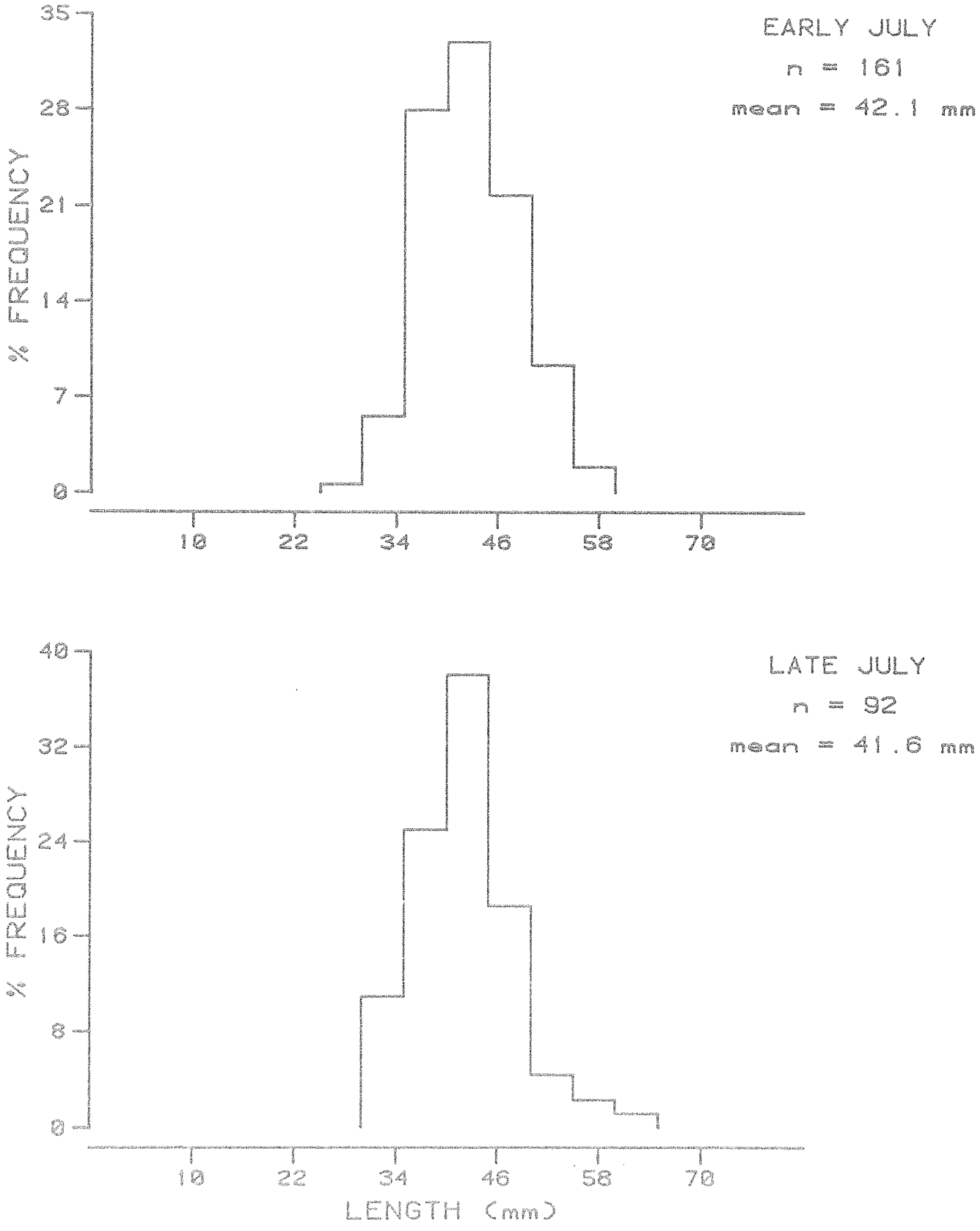
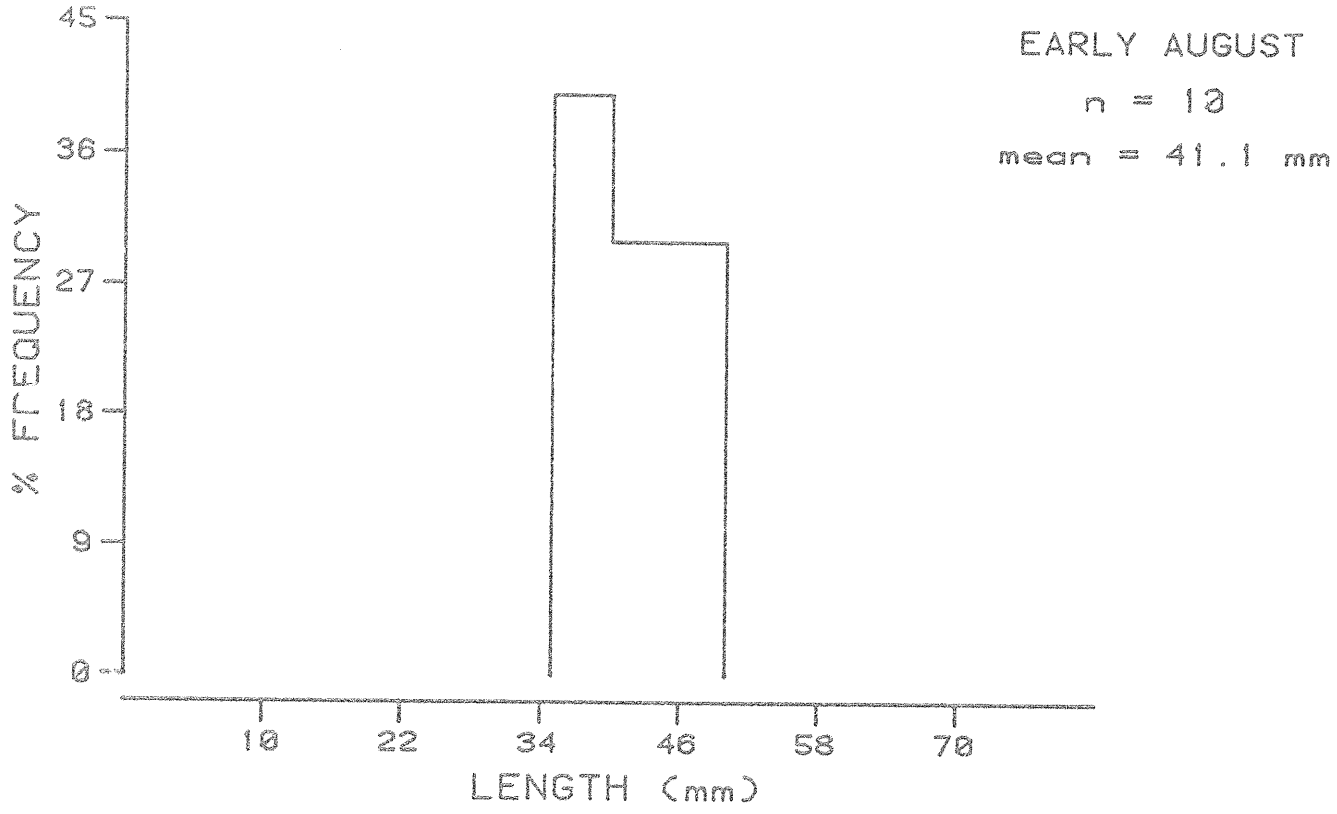


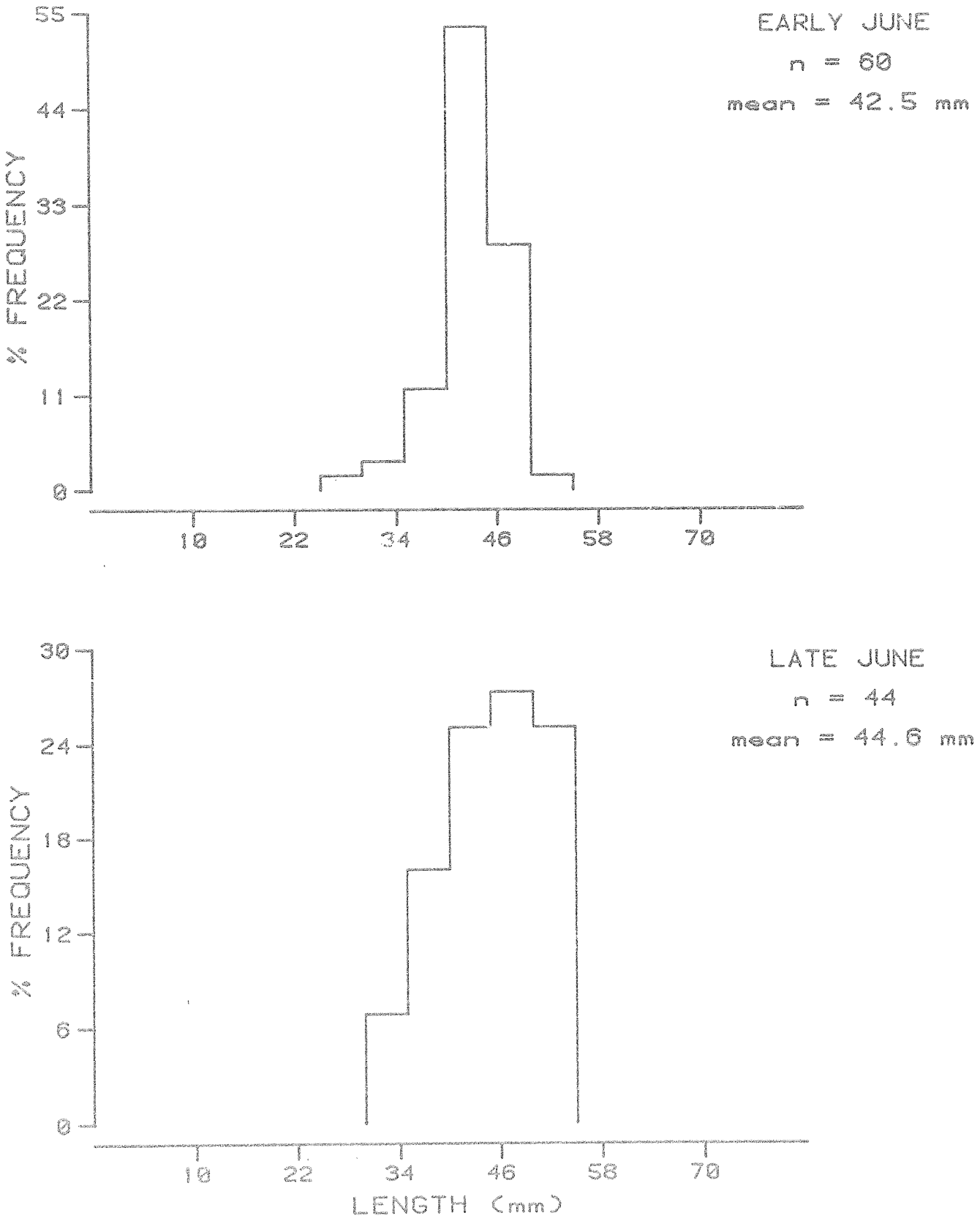
Appendix Figure 3-B-5. Chum salmon juveniles, percent length frequency distribution by twc week period for the Susitna River above the Chulitna River confluence, June through August, 1982.



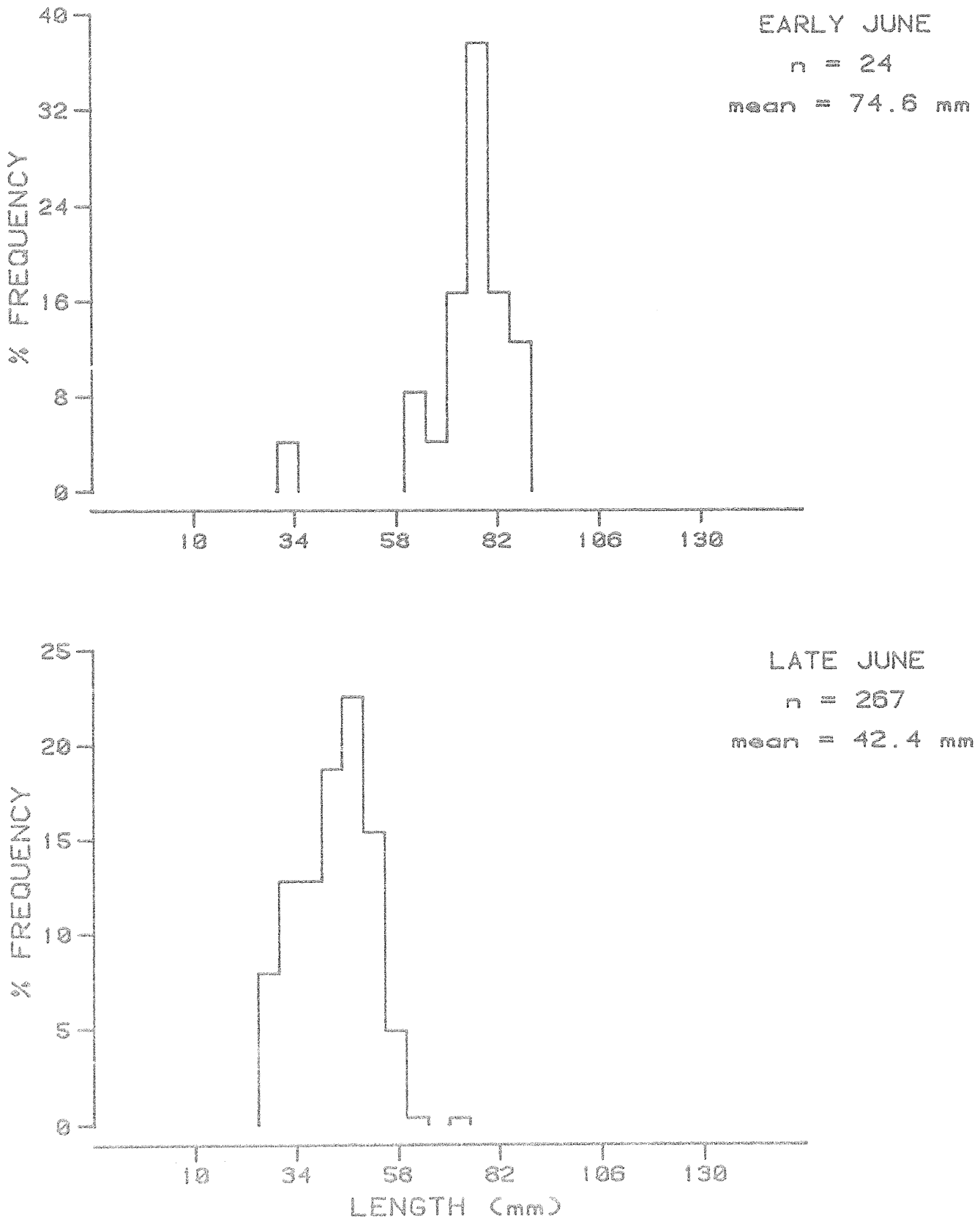
Appendix Figure 3-B-5. Continued.



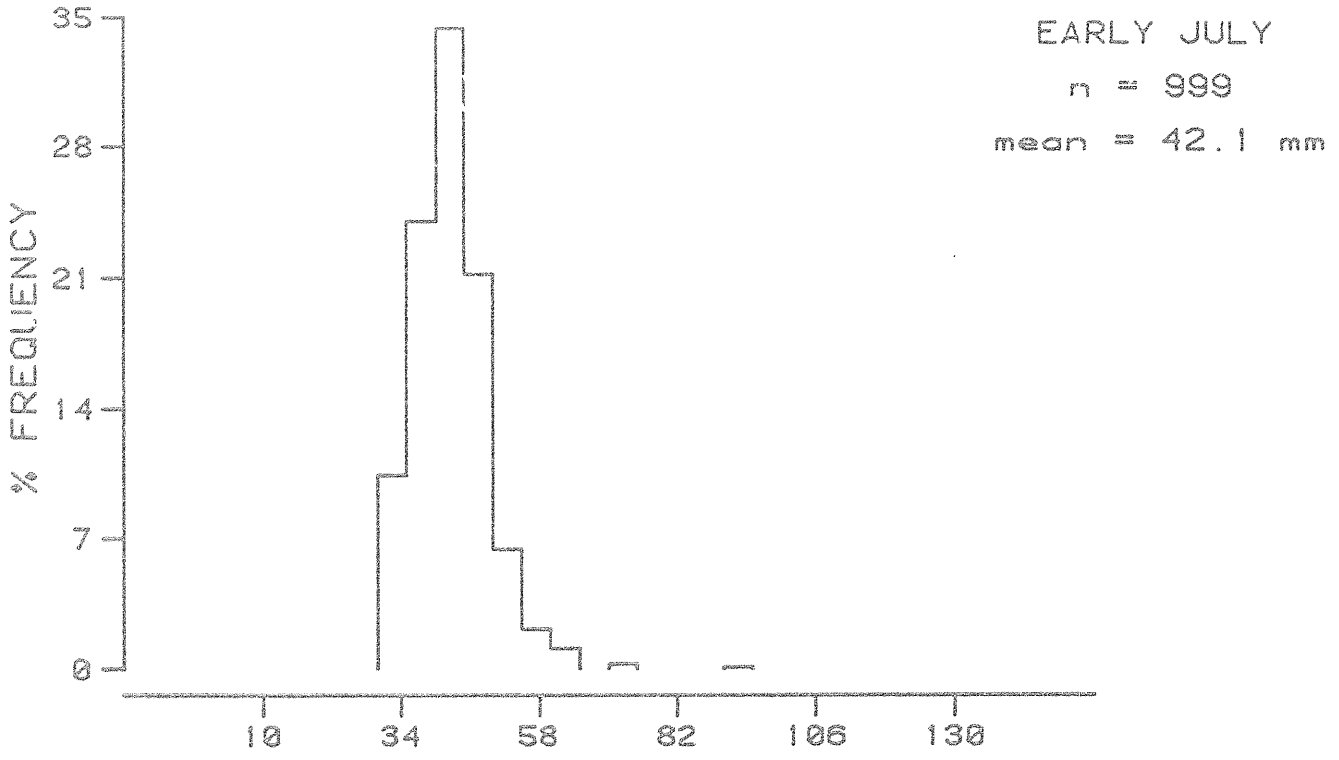
Appendix Figure 3-B-5. Continued.

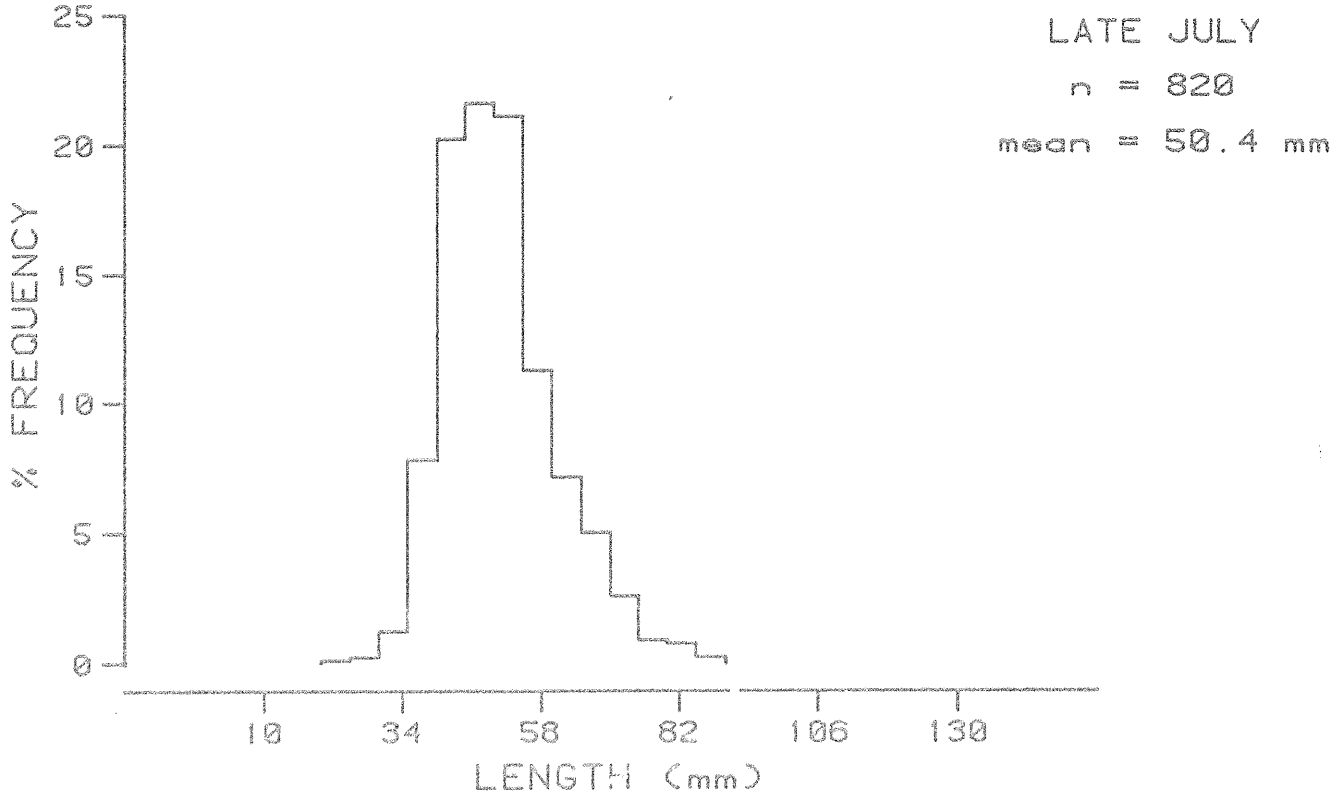


Appendix Figure 3-B-6. Chum salmon juveniles, percent length frequency distribution by two week period for the Susitna River below the Chulitna River confluence, June, 1982.

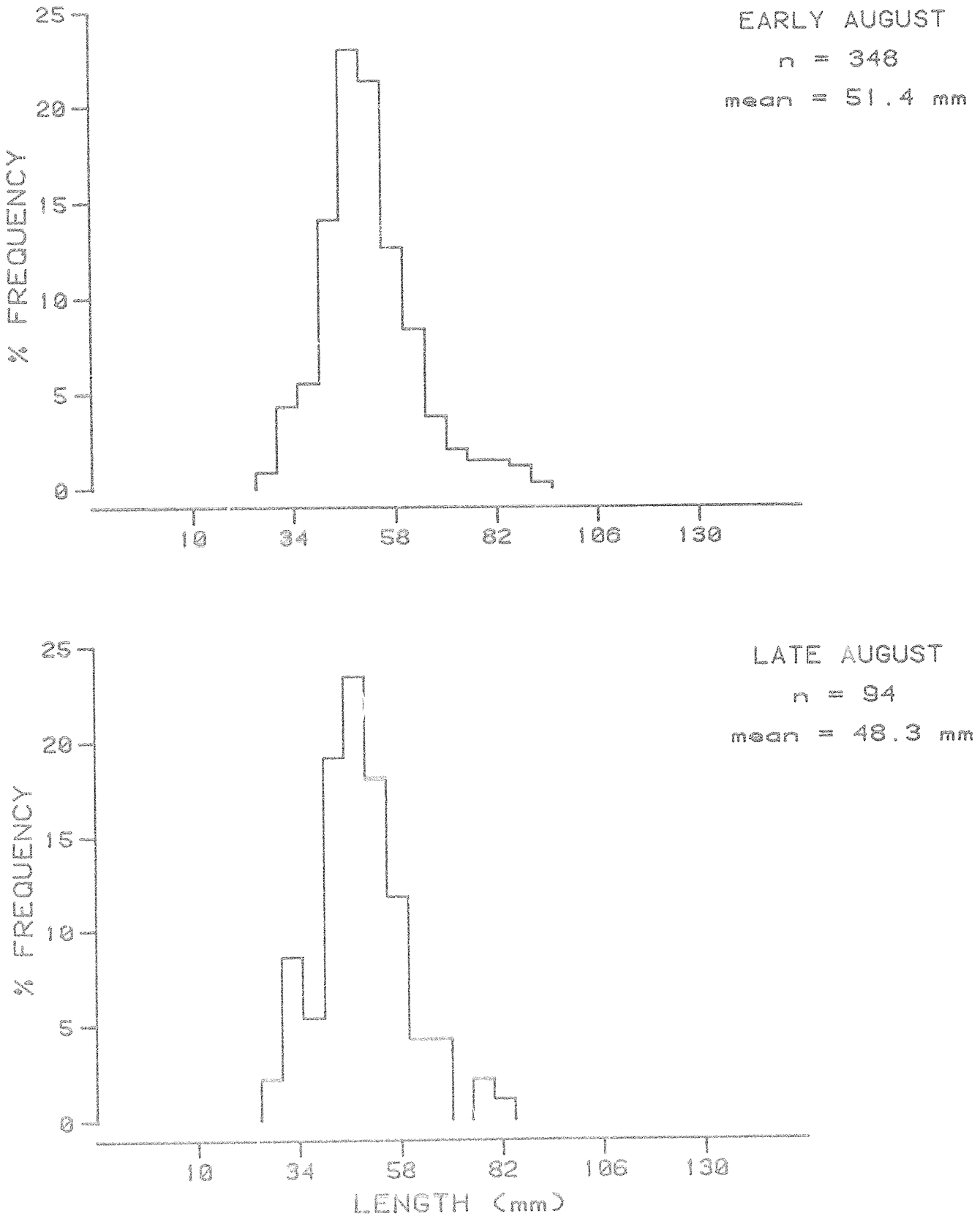


Appendix Figure 3-B-7. Sockeye salmon juveniles, percent length frequency distribution by two week period for the Susitna River above the Chulitna River confluence, June through October, 1982.

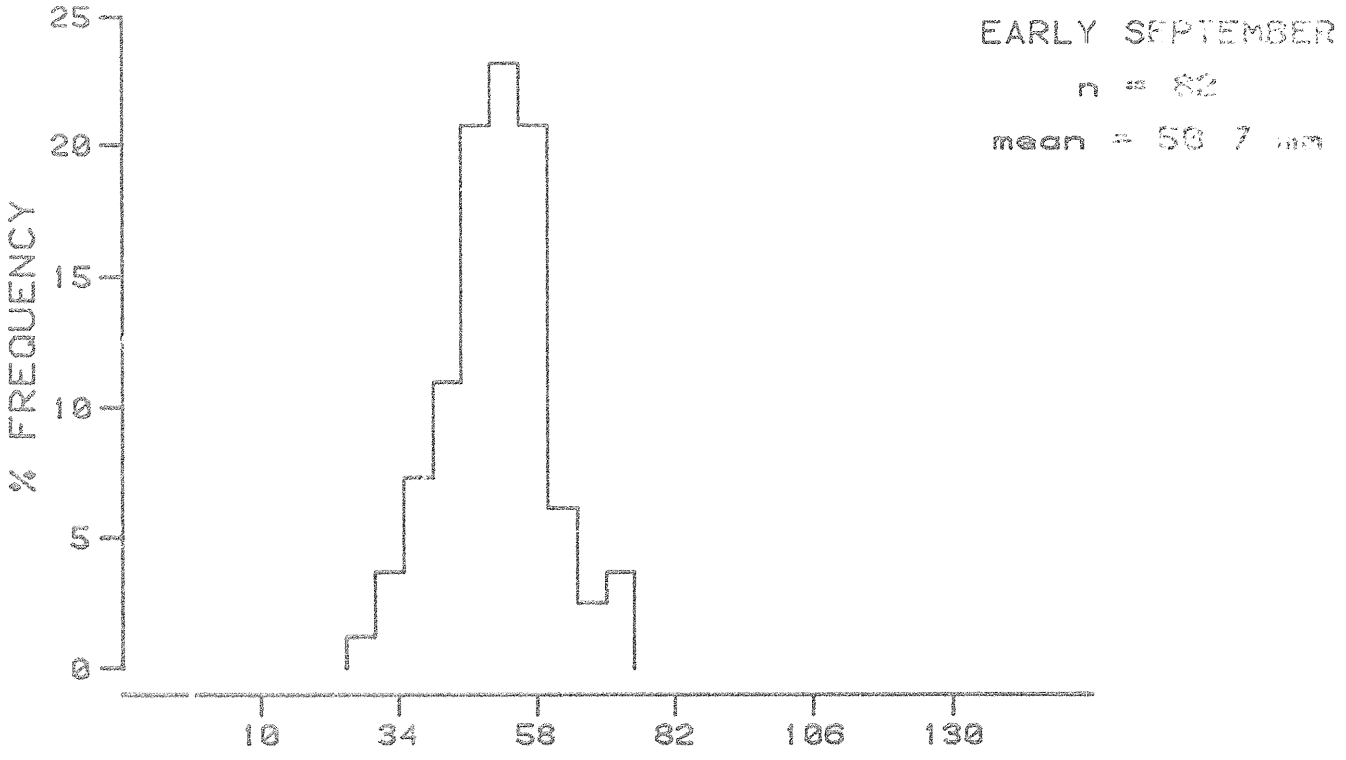


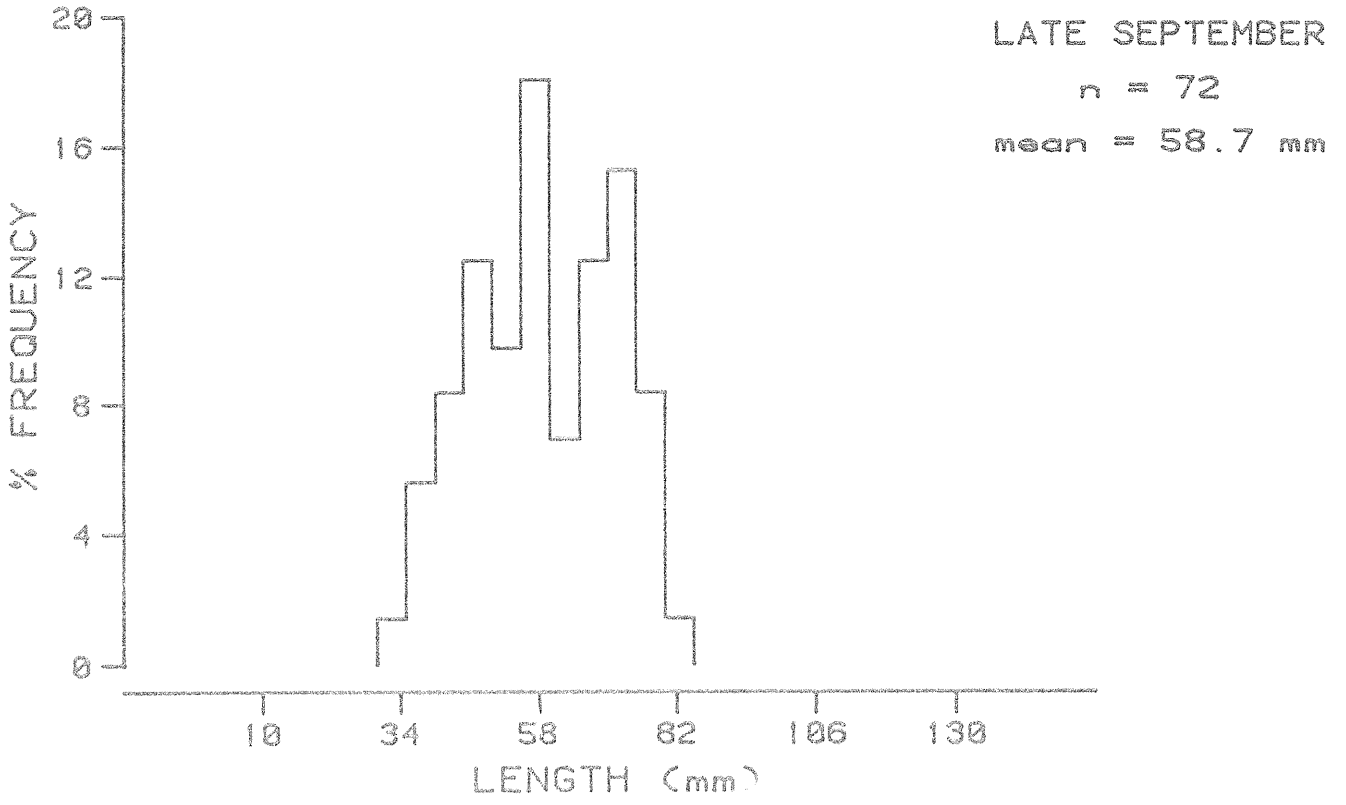


Appendix Figure 3-B-7. Continued.

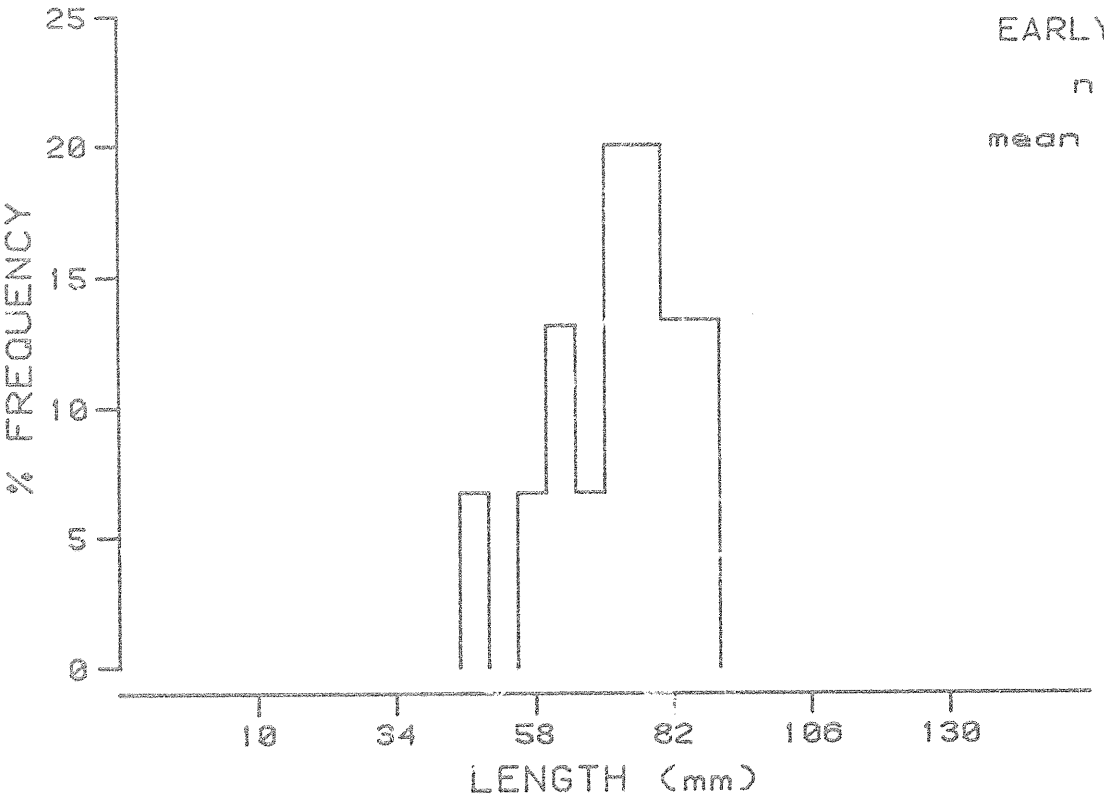


Appendix Figure 3-B-7. Continued.

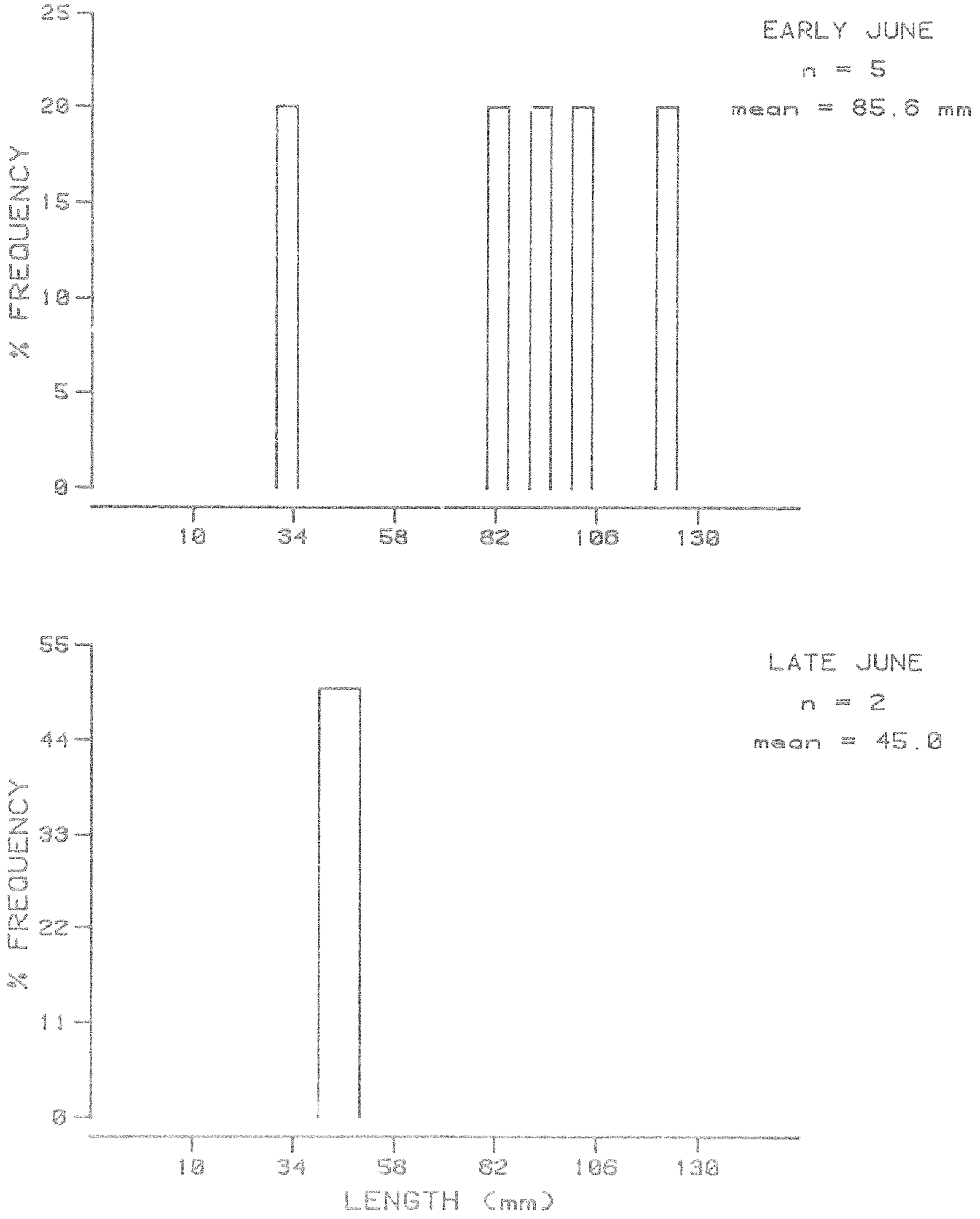




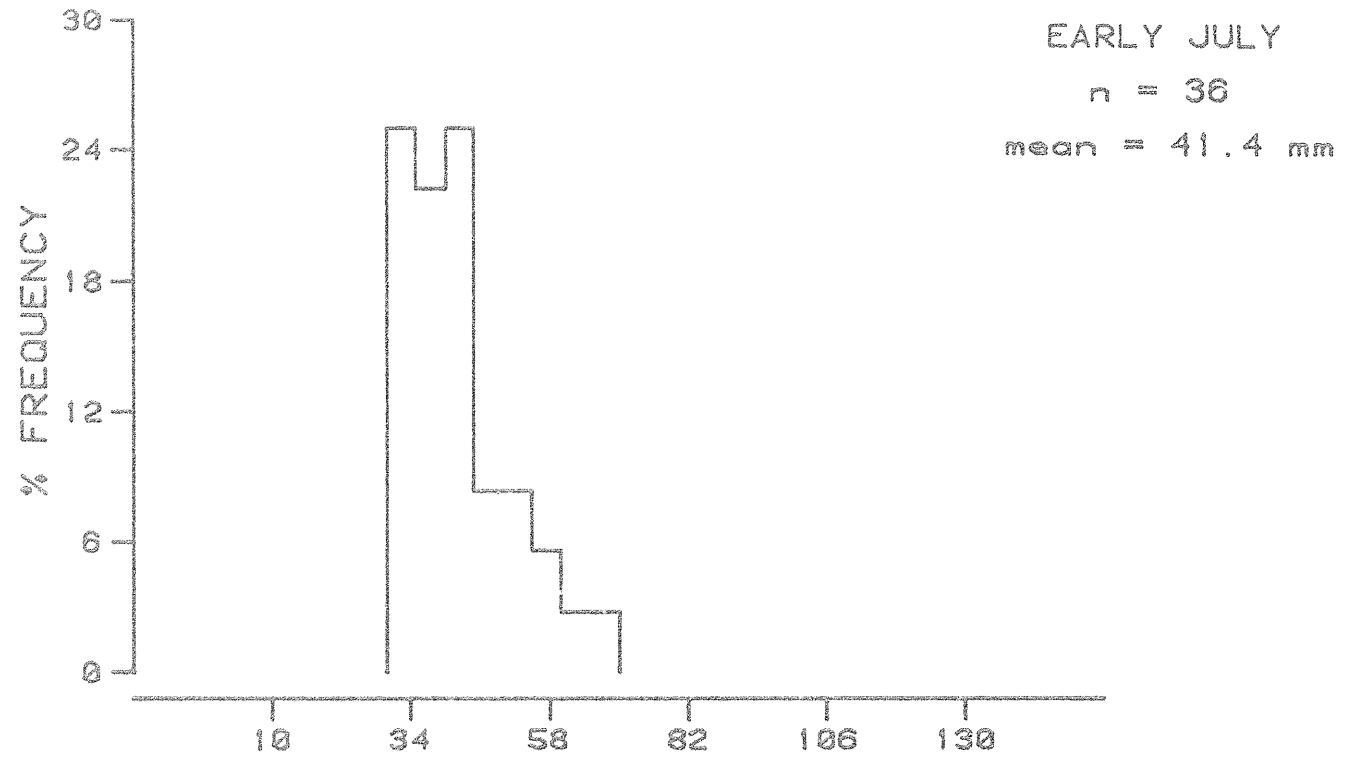
Appendix Figure 3-B-7. Continued.

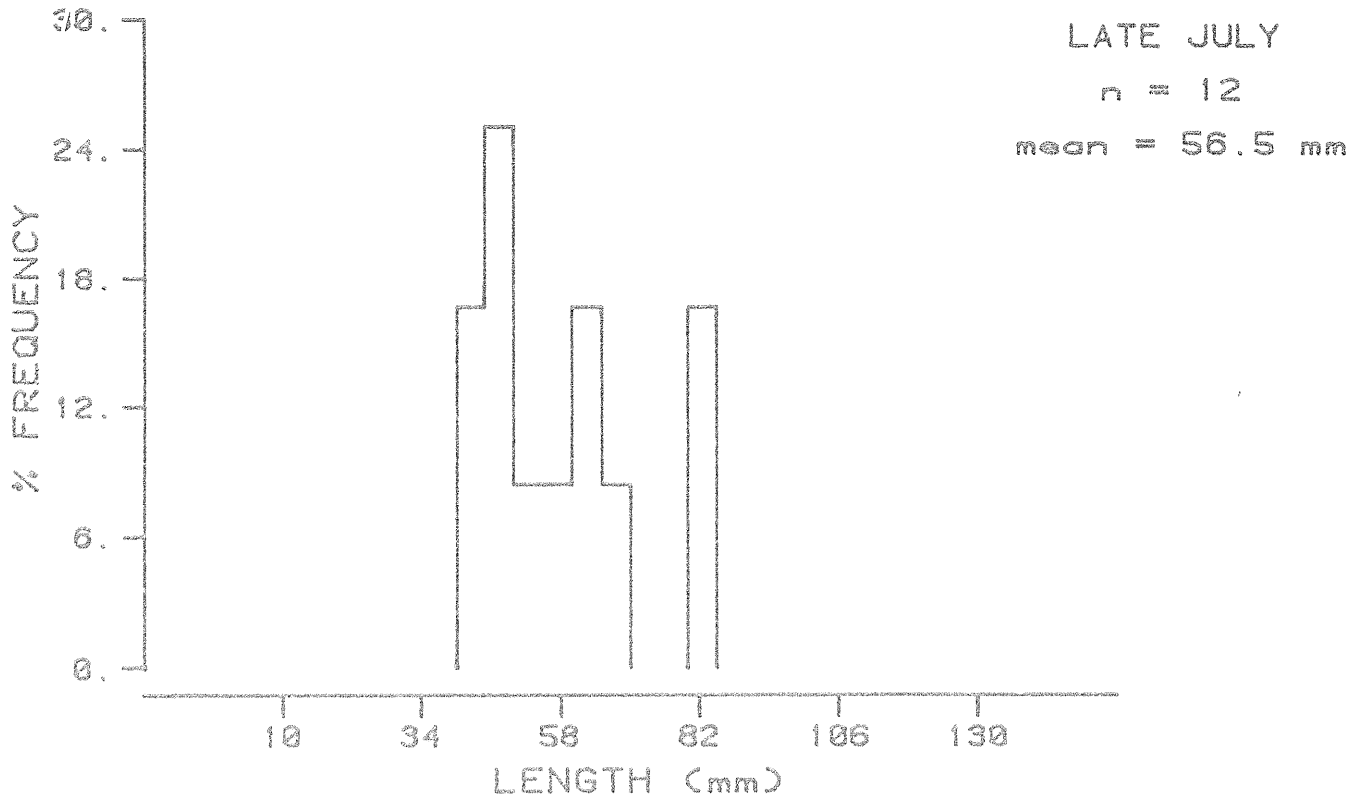


Appendix Figure 3-B-7. Continued.

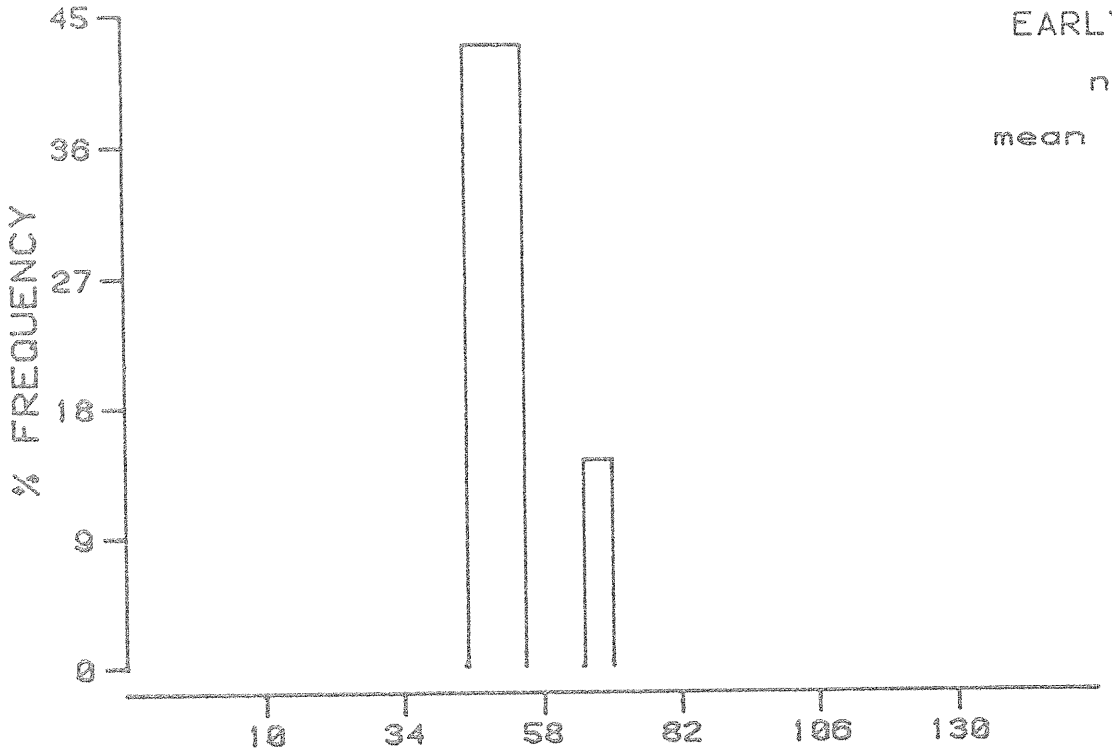


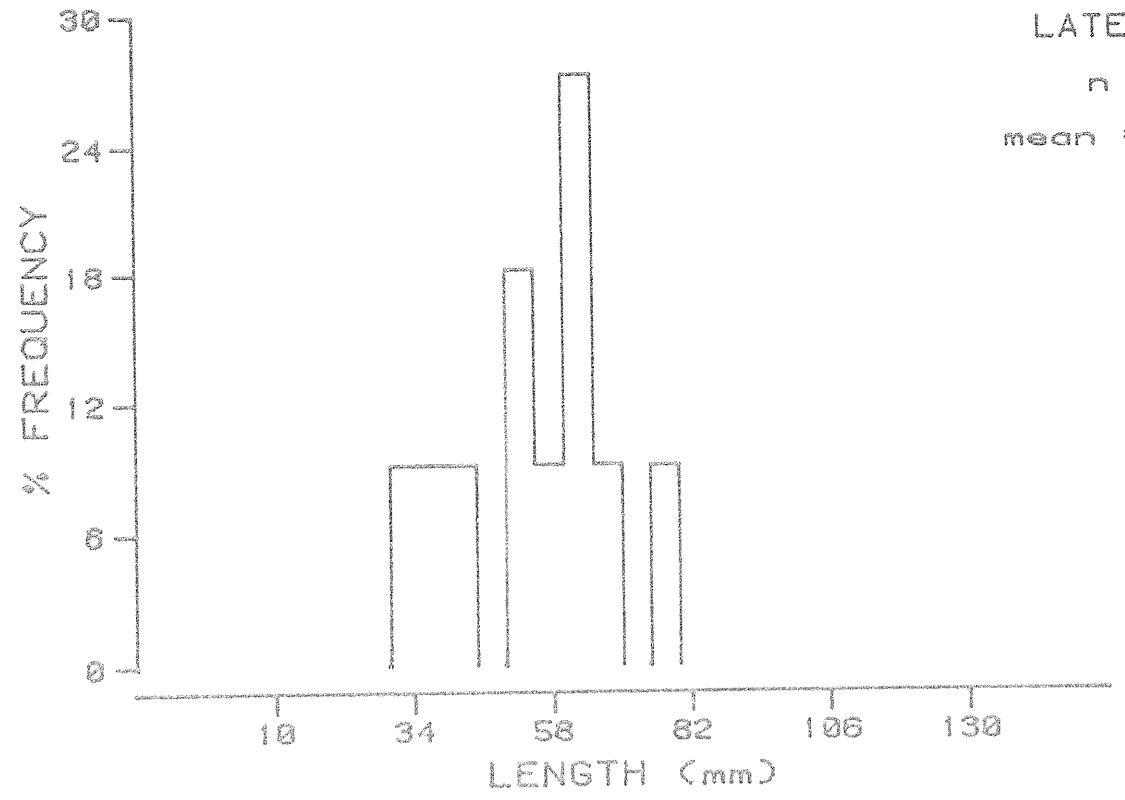
Appendix Figure 3-B-8. Sockeye salmon juveniles, percent length frequency distribution by two week period for the Susitna River below the Chulitna River confluence, June through September, 1982.



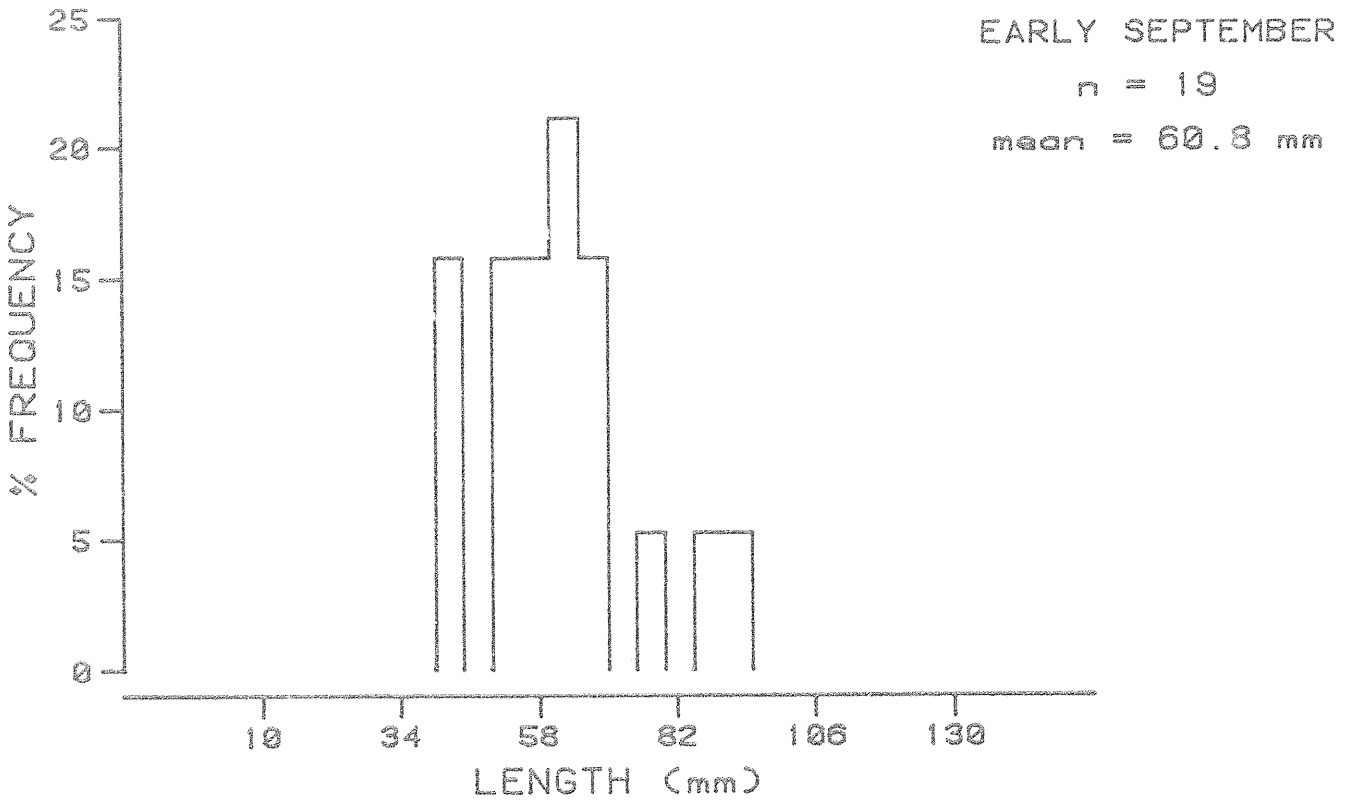


Appendix Figure 3-B-8. Continued.





Appendix Figure 3-B-8. Continued.



Appendix Figure 3-B-8. Continued.

Appendix Table 3-C-1 . Invertebrate taxa present in stomach contents of chinook juveniles at sites where they were collected in 1982. X indicates presence, 0 absence. a/

Site	Slough 8A	Slough 11	Slough 20	Slough 21	4th of July Crk	Indian River
No. fish examined	(17)	(13)	(0)	(73)	(62)	(40)
Diptera						
Chironomidae	X	X		X	X	X
Empididae	X	X		X	X	X
Psychodidae	0	0		0	0	0
Simullidae	0	0		0	X	X
Tipulidae	0	0		0	X	X
Ephemeroptera						
Baetidae	0	0		X	X	X
Ephemerellidae	0	0		0	X	X
Heptagenlidae	0	0		X	X	X
Siphlonuridae	0	0		0	0	X
Plecoptera						
Capnlidae	0	0		X	X	X
Chloroperlidae	0	0		X	X	X
Nemouridae	0	X		X	X	X
Perlodidae	0	0		X	X	X
Taeneopterygidae	0	0		X	0	X
Trichoptera						
Brachycentridae	0	0		0	X	0
Glossosomatidae	0	0		0	X	0
Hydropsychidae	0	0		0	0	0
Limnephilidae	0	0		0	X	X
Rhyachophilidae	0	0		0	0	0
Cladocera	0	0		0	0	0
Collembola	X	0		X	X	X
Copepoda	0	0		0	0	0
Hydracarina	X	0		0	X	X
Oligochaetae	0	0		0	0	0
Ostracoda	X	0		0	0	0
Terrestrials						
Coleoptera	0	0		0	X	X
Diptera larvae	0	X		X	X	X
misc Diptera adults	X	X		X	X	X
Homoptera	X	X		X	X	X
Hymenoptera	X	X		X	X	X
Lepidoptera larvae	0	0		0	X	X
Lepidoptera adults	X	0		X	X	X

a/ Stomach contents of fish collected at Slough 20 were not identified.

Appendix Table 3-C-2 . Invertebrate taxa present in stomach contents of coho juveniles at sites where they were collected in 1982. X indicates presence, 0 absence. a/

Site No. fish examined	Slough 8A (40)	Slough 11 (5)	Slough 20 (0)	Slough 21 (0)	4th of July Crk (44)	Indian River (35)
Diptera						
Chironomidae	X	X			X	X
Empididae	X	X			X	X
Psychodidae	X	0			X	X
Simuliidae	X	0			X	X
Tipulidae	X	0			X	X
Ephemeroptera						
Baetidae	0	0			X	0
Ephemerellidae	X	0			X	0
Heptageniidae	0	0			X	X
Siphlonuridae	0	0			X	0
Plecoptera						
Capniidae	X	0			0	X
Chloroperlidae	0	0			X	X
Nemouridae	0	0			X	X
Perlodidae	0	0			X	X
Taeneopterygidae	0	0			0	0
Trichoptera						
Brachycentridae	0	0			0	0
Glossosomatidae	0	0			X	0
Hydropsychidae	0	0			0	0
Limnephilidae	X	0			X	0
Rhyachophilidae	0	0			0	0
Cladocera	0	0			0	0
Collembola	X	0			X	X
Copepoda	0	0			0	0
Hydracarina	X	0			X	X
Oligochaetae	0	0			0	0
Ostracoda	0	0			0	0
Terrestrials						
Coleoptera	X	X			X	X
Diptera larvae	X	0			X	X
misc Diptera adults	X	X			X	X
Homoptera	X	0			X	X
Hymenoptera	X	0			X	X
Lepidoptera larvae	X	0			X	X
Lepidoptera adults	X	0			X	X

a/ Stomach contents of fish collected at Slough 20 were not identified.

Appendix Table 3-C-3 . Invertebrate taxa present in stomach contents of sockeye juveniles at sites where they were collected in 1982 (X indicates presence, 0 absence).

Site	Slough 8A	Slough 11	Slough 20	Slough 21	4th of July Crk	Indian River
No. fish examined	(24)	(54)	(0)	(0)	(0)	(0)
Diptera						
Chironomidae	X	X				
Empididae	X	X				
Psychodidae	X	0				
Simuliidae	X	X				
Tipulidae	0	0				
Ephemeroptera						
Baetidae	0	0				
Ephemerellidae	0	0				
Heptageniidae	0	X				
Siphlonuridae	0	0				
Plecoptera						
Capniidae	X	X				
Chloroperlidae	X	0				
Nemouridae	0	X				
Perlodidae	X	0				
Taeneopterygidae	0	0				
Trichoptera						
Brachycentridae	0	0				
Glossosomatidae	0	0				
Hydropsychidae	0	0				
Limnephilidae	0	0				
Rhyachophilidae	0	0				
Cladocera	X	X				
Collembola	X	X				
Copepoda	X	X				
Hydracarina	X	0				
Oligochaetae	0	0				
Ostracoda	X	0				
Terrestrials						
Coleoptera	0	0				
Diptera larvae	X	0				
misc Diptera adults	X	X				
Homoptera	X	0				
Hymenoptera	X	X				
Lepidoptera larvae	0	X				
Lepidoptera adults	X	X				

Appendix Table 3-C-4 . Electivity values for invertebrates found in stomach contents of chinook juveniles at Slough 8A in August 1982. The percent of each invertebrate type found in the stomach contents is r_i, the percent found in the environment is p_i. The electivity value (L) is equal to $r_i - p_i$ (Strauss 1979), and is shown with its 95% confidence interval. a/

	82/08/06			82/08/25		
Sample size	r_i (174)	p_i (110)	L	r_i (53)	p_i (123)	L
chironomid larvae	0.92	0.16	0.76±0.08	0.34	0.74	-0.40±0.15
chironomid pupae	0.01	0.11	-0.10±0.06	0.19	0.12	0.07±0.12
chironomid adult	0.00	0.23	-0.23±0.08	0.04	0.00	0.04±0.05
Empididae adults	0.03	0.05	-0.02±0.05	0.38	0.00	0.38±0.13
Psychodidae larvae	0.00	0.02	-0.02±0.02	0.00	0.00	0.00±0.00
other adult Diptera	0.00	0.05	-0.05±0.04	0.02	0.00	0.02±0.04
Siphlonuridae nymph	0.00	0.02	-0.02±0.02	0.00	0.00	0.00±0.00
Taeneopterygidae n.	0.01	0.00	0.01±0.01	0.00	0.02	-0.02±0.03
Coleoptera adults	0.00	0.02	-0.02±0.02	0.00	0.01	-0.01±0.02
Hydracarina	0.01	0.05	-0.03±0.04	0.00	0.00	0.00±0.00
Oligochaetae	0.00	0.00	0.00±0.00	0.00	0.03	-0.03±0.03
salmon eggs	0.00	0.00	0.00±0.00	0.02	0.00	0.02±0.04
Homoptera	0.01	0.05	-0.04±0.04	0.00	0.00	0.00±0.00
Lepidoptera adults	0.00	0.00	0.00±0.00	0.02	0.00	0.02±0.04
other terrestrial	0.01	0.14	-0.13±0.06	0.00	0.00	0.00±0.00

a/ Positive L values indicate preference for, or selection of the prey type. Negative values indicate avoidance or unavailability of the prey type to the fish. Only invertebrate taxa which contributed ≥2% to the stomach content or environment samples are included.

Appendix Table 3-C-5 . Electivity values for invertebrates found in stomach contents of chinook juveniles at Slough 11 in August 1982. The percent of each invertebrate type found in the stomach contents is r_i, the percent found in the environment is p_i. The electivity value (L) is equal to $r_i - p_i$ (Strauss 1979), and is shown with its 95% confidence interval. a/

	82/08/24		
Sample size	r_i (26)	p_i (261)	L
chironomid larvae	0.73	0.18	0.55±0.18
chironomid pupae	0.08	0.18	-0.10±0.11
chironomid adults	0.04	0.60	-0.56±0.09
Empididae adults	0.04	0.03	0.00±0.08
terrest. Dipt. larv.	0.08	0.00	0.08±0.10
other Diptera pupae	0.00	0.00	0.00±0.00
Coleoptera adults	0.04	0.00	0.03±0.07

a/ Positive L values indicate preference for, or selection of the prey type. Negative values indicate avoidance or unavailability of the prey type to the fish. Only invertebrate taxa which contributed ≥2% to stomach content or environment samples are included.

Appendix Table 3-C-6 . Electivity values for invertebrates found in stomach contents of chinook juveniles at Slough 11 in September 1982. The percent of each invertebrate type found in the stomach contents is r_i, the percent found in the environment is p_i. The electivity value (L) is equal to $r_i - p_i$ (Strauss 1979), and is shown with its 95% confidence interval. a/

	82/09/05			82/09/20		
Sample size	r_i (148)	p_i (319)	L	r_i (15)	p_i (645)	L
chironomid larvae	0.13	0.07	0.06±0.06	0.07	0.16	-0.09±0.13
chironomid pupae	0.05	0.00	0.05±0.04	0.13	0.02	0.11±0.17
chironomid adults	0.75	0.00	0.75±0.07	0.40	0.75	-0.35±0.25
other adult Diptera	0.01	0.00	0.01±0.02	0.07	0.02	0.05±0.13
Capnildae nymphs	0.00	0.90	-0.90±0.03	0.00	0.00	0.00±0.00
Coleoptera adults	0.00	0.00	0.00±0.00	0.07	0.00	0.07±0.13
Collembola	0.01	0.00	0.01±0.02	0.00	0.02	-0.02±0.01
other aquatic	0.00	0.00	0.00±0.00	0.13	0.00	0.13±0.17
Homoptera	0.00	0.00	0.00±0.00	0.07	0.01	0.06±0.13
Hymenoptera	0.01	0.00	0.01±0.01	0.00	0.02	-0.02±0.01

a/ Positive L values indicate preference for, or selection of the prey type. Negative values indicate avoidance or unavailability of the prey type to the fish. Only invertebrate taxa which contributed ≥2% to stomach content or environment samples are included.

Appendix Table 3-C-7 . Electivity values for invertebrates found in stomach contents of chinook juveniles at Slough 21 in August 1982. The percent of each invertebrate type found in the stomach contents is r_i, the percent found in the environment is p_i. The electivity value (L) is equal to $r_i - p_i$ (Strauss 1979), and is shown with its 95% confidence interval. a/

	82/08/07			82/08/27		
Sample size	r_i (249)	p_i (409)	L	r_i (402)	p_i (63)	L
chironomid larvae	0.48	0.06	0.42±0.07	0.29	0.14	0.15±0.10
chironomid pupae	0.18	0.09	0.10±0.06	0.22	0.10	0.12±0.08
chironomid adults	0.05	0.27	-0.23±0.05	0.23	0.29	-0.06±0.12
Empididae adults	0.07	0.04	0.02±0.04	0.10	0.29	-0.19±0.12
other adult Diptera	0.01	0.03	-0.03±0.02	0.03	0.02	0.02±0.04
Heptageniidae nymph	0.00	0.00	0.00±0.00	0.00	0.02	-0.02±0.03
Trichoptera larvae	0.00	0.01	-0.01±0.01	0.00	0.06	-0.06±0.06
Coleoptera adults	0.00	0.00	-0.00±0.00	0.00	0.02	-0.01±0.03
Collembola	0.06	0.13	-0.07±0.04	0.01	0.02	-0.01±0.03
Hydracarina	0.00	0.02	-0.02±0.01	0.00	0.00	0.00±0.00
Oligochaetae	0.00	0.00	0.00±0.00	0.00	0.03	-0.03±0.04
Homoptera	0.11	0.26	-0.15±0.06	0.04	0.02	0.03±0.04
Hymenoptera	0.00	0.03	-0.03±0.02	0.00	0.00	0.00±0.00
other terrestrial	0.01	0.02	-0.01±0.02	0.02	0.02	0.00±0.03

a/ Positive L values indicate preference for, or selection of the prey type. Negative values indicate avoidance or unavailability of the prey type to the fish. Only invertebrate taxa which contributed ≥2% to stomach content or environment samples are included.

Appendix Table 3-C-8 . Electivity values for invertebrates found ir stomach contents of chinook juveniles at Slough 21 in September 1982. The percent of each invertebrate type found in the stomach contents is r_i, the percent found in the environment is p_i. The electivity value (L) is equal to $r_i - p_i$ (Strauss 1979), and is shown with its 95% confidence interval. a/

	82/09/06			82/09/21		
Sample size	r_i (763)	p_i (78)	L	r_i (409)	p_i (27)	L
chironomid larvae	0.41	0.00	0.41±0.03	0.56	0.19	0.38±0.15
chironomid pupae	0.00	0.00	0.00±0.00	0.05	0.07	-0.03±0.10
chironomid adults	0.16	0.30	-0.14±0.10	0.21	0.37	-0.16±0.19
terrest. Dipt. larv.	0.03	0.00	0.03±0.01	0.00	0.00	0.00±0.00
other adult Diptera	0.04	0.21	-0.16±0.09	0.05	0.04	0.01±0.07
Capnildae nymph	0.00	0.00	0.00±0.00	0.05	0.00	0.05±0.02
small Plecoptera n.	0.25	0.00	0.25±0.03	0.00	0.00	0.00±0.00
Trichoptera larvae	0.00	0.10	-0.10±0.07	0.00	0.04	-0.04±0.07
Hydracarina	0.00	0.03	-0.03±0.03	0.00	0.15	-0.15±0.13
salmon eggs	0.00	0.00	0.00±0.00	0.02	0.00	0.02±0.01
other aquatic	0.00	0.00	0.00±0.00	0.00	0.04	-0.04±0.07
Homoptera	0.02	0.04	-0.02±0.04	0.01	0.07	-0.06±0.10
Hymenoptera	0.03	0.26	-0.23±0.10	0.01	0.00	0.01±0.01
other terrestrial	0.00	0.01	-0.01±0.03	0.01	0.04	-0.03±0.07

a/ Positive L values indicate preference for, or slection of the prey type. Negative values indicate avoidance or unavailability of the prey type to the fish. Only invertebrate taxa which contributed ≥2% to stomach content or environment samples are included.

Appendix Table 3-C-9 . Electivity values for invertebrates found in stomach contents of Chinook juveniles at 4th of July Creek in August 1982. The percent of each invertebrate type found in the stomach contents is r_i, the percent found in the environment is p_i. The electivity value (L) is equal to $r_i - p_i$ (Strauss 1979), and is shown with its 95% confidence interval.

	82/08/05			82/08/28		
Sample size	r_i (150)	p_i (179)	L	r_i (58)	p_i (213)	L
chironomid larvae	0.46	0.17	0.29±0.10	0.12	0.03	0.09±0.09
chironomid pupae	0.07	0.03	0.05±0.05	0.41	0.19	0.23±0.14
chironomid adults	0.01	0.14	-0.13±0.05	0.02	0.28	-0.27±0.07
Empididae adults	0.07	0.01	0.06±0.04	0.00	0.00	0.00±0.00
Simuliidae larvae	0.11	0.11	0.00±0.07	0.03	0.02	0.01±0.05
terrest. Dipt. larv.	0.01	0.00	0.01±0.01	0.09	0.02	0.06±0.07
other adult Diptera	0.02	0.08	-0.06±0.05	0.05	0.07	-0.02±0.07
misc Diptera pupae	0.00	0.02	-0.02±0.02	0.00	0.00	0.00±0.00
Baetidae nymphs	0.01	0.08	-0.08±0.04	0.00	0.01	-0.01±0.01
Ephemerellidae nymph	0.02	0.00	0.02±0.02	0.03	0.00	0.03±0.05
Heptageniidae nymph	0.07	0.03	0.04±0.05	0.02	0.01	0.01±0.03
Nemouridae nymph	0.00	0.02	-0.02±0.02	0.00	0.00	0.00±0.00
Plecoptera adults	0.00	0.00	0.00±0.00	0.00	0.05	-0.05±0.03
small Plecoptera n.	0.01	0.00	0.01±0.01	0.02	0.00	0.02±0.03
Collembola	0.02	0.03	-0.01±0.03	0.00	0.02	-0.02±0.02
Hydracarina	0.01	0.16	-0.16±0.06	0.00	0.04	-0.04±0.03
Homoptera	0.01	0.01	-0.00±0.02	0.14	0.12	0.02±0.10
Hymenoptera	0.05	0.06	-0.01±0.05	0.00	0.06	-0.06±0.03
other terrestrial	0.05	0.03	0.02±0.05	0.02	0.02	-0.01±0.04

a/ Positive L values indicate preference for, or selection of the prey type. Negative values indicate avoidance or unavailability of the prey type to the fish. Only invertebrate taxa which contributed ≥2% to stomach content or environment samples are included.

Appendix Table 3-C-10 . Electivity values for invertebrates found in stomach contents of coho juveniles at 4th of July Creek in September 1982. The percent of each invertebrate type found in the stomach content is r_i, the percent found in the environment is p_i. The electivity value (L) is equal to $r_i - p_i$ (Strauss 1979), and is shown with its 95% confidence interval.

	82/09/08			82/09/22		
Sample size	r_i (200)	p_i (110)	L	r_i (17)	p_i (73)	L
chironomid larvae	0.19	0.00	0.19±0.05	0.47	0.10	0.38±0.25
chironomid pupae	0.07	0.05	0.02±0.05	0.00	0.00	0.00±0.00
chironomid adults	0.05	0.13	-0.08±0.07	0.00	0.04	-0.04±0.05
Simuliidae larvae	0.03	0.04	-0.01±0.04	0.12	0.03	0.09±0.16
other adult Diptera	0.04	0.10	-0.06±0.06	0.00	0.06	-0.06±0.05
Baetidae nymphs	0.00	0.00	0.00±0.00	0.00	0.03	-0.03±0.04
Heptageniidae nymph	0.09	0.05	0.05±0.06	0.12	0.00	0.12±0.15
small Ephemeroptera	0.10	0.00	0.10±0.04	0.00	0.00	0.00±0.00
Capniidae nymphs	0.00	0.00	0.00±0.00	0.00	0.04	-0.04±0.05
Chloroperlidae nymph	0.03	0.00	0.03±0.02	0.06	0.00	0.06±0.11
Nemouridae nymph	0.06	0.05	0.01±0.05	0.06	0.04	0.02±0.12
small Plecoptera n.	0.15	0.00	0.15±0.05	0.00	0.00	0.00±0.00
Trichoptera larvae	0.06	0.15	-0.09±0.07	0.00	0.11	-0.11±0.07
Coleoptera adults	0.02	0.00	0.02±0.02	0.00	0.00	0.00±0.00
Collembola	0.03	0.04	-0.01±0.04	0.00	0.01	-0.01±0.03
Hydracarina	0.01	0.17	-0.16±0.07	0.06	0.12	-0.06±0.13
Ostracoda	0.00	0.00	0.00±0.00	0.00	0.08	-0.08±0.06
Oligochaetae	0.00	0.01	-0.01±0.02	0.00	0.07	-0.07±0.06
other aquatic	0.02	0.02	-0.00±0.03	0.06	0.03	0.03±0.12
Homoptera	0.03	0.09	-0.07±0.06	0.06	0.16	-0.11±0.14
Hymenoptera	0.01	0.05	-0.04±0.04	0.00	0.01	-0.01±0.03
Lepidoptera larvae	0.00	0.02	-0.02±0.02	0.00	0.00	0.00±0.00
other terrestrial	0.01	0.04	-0.03±0.04	0.00	0.04	-0.04±0.04

a/ Positive L values indicate preference for, or selection of the prey type. Negative values indicate avoidance or unavailability of the prey type to the fish. Only invertebrate taxa which contributed ≥2% to stomach content or environment samples are included.

Appendix Table 3-C-11 . Electivity values for invertebrates found in stomach contents of chinook juveniles at Indian River in August 1982. The percent of each invertebrate type found in the stomach contents is r_i, the percent found in the environment is p_i. The electivity value (L) is equal to $r_i - p_i$ (Strauss 1979), and is shown with its 95% confidence interval.

	82/08/08			82/08/29		
Sample size	r_i (244)	p_i (26)	L	r_i (268)	p_i (83)	L
chironomid larvae	0.47	0.42	0.04±0.20	0.09	0.18	0.20±0.10
chironomid pupae	0.07	0.04	0.03±0.08	0.74	0.17	0.10±0.09
chironomid adults	0.00	0.15	-0.15±0.14	0.03	0.36	-0.27±0.11
Empididae adults	0.01	0.04	-0.03±0.07	0.00	0.00	0.00±0.00
Simuliidae larvae	0.02	0.08	-0.06±0.10	0.00	0.00	0.01±0.01
terrest. Dipt.larvae	0.02	0.00	0.02±0.02	0.01	0.00	0.07±0.03
other adult Diptera	0.00	0.00	0.00±0.01	0.02	0.01	0.00±0.03
Baetidae nymphs	0.03	0.00	0.03±0.02	0.00	0.00	0.00±0.00
Heptageniidae nymphs	0.14	0.08	0.07±0.11	0.00	0.02	-0.02±0.03
Siphlonuridae nymphs	0.01	0.08	-0.07±0.10	0.00	0.00	0.00±0.00
Capniidae nymphs	0.00	0.00	0.00±0.00	0.00	0.08	-0.08±0.06
Chloroperlidae nymph	0.10	0.00	0.10±0.04	0.00	0.01	-0.01±0.02
Nemouridae nymphs	0.00	0.00	0.00±0.00	0.00	0.02	-0.02±0.03
Perlodidae nymphs	0.01	0.00	0.01±0.01	0.03	0.02	0.00±0.04
small Plecoptera n.	0.00	0.00	0.00±0.01	0.02	0.00	0.00±0.01
Trichoptera larvae	0.00	0.00	0.00±0.00	0.01	0.07	-0.07±0.06
Collembola	0.03	0.00	0.03±0.02	0.00	0.00	0.00±0.00
Hydracarina	0.01	0.04	-0.03±0.07	0.00	0.00	0.00±0.00
other aquatic	0.04	0.00	0.04±0.02	0.00	0.00	0.00±0.00
Homoptera	0.01	0.00	0.01±0.01	0.02	0.02	0.01±0.04
Hymenoptera	0.00	0.04	-0.03±0.07	0.00	0.00	0.00±0.00

a/ Positive L values indicate preference for, or selection of the prey type. Negative values indicate avoidance or unavailability of the prey type to the fish. Only invertebrate taxa which contributed ≥2% to stomach content or environment samples are included.

Appendix Table 3-C-12 . Electivity values for invertebrates found in stomach contents of Chinook juveniles at Indian River in September 1982. The percent of each invertebrate type found in the stomach contents is r_i, the percent found in the environment is p_i. The electivity value (L) is equal to $r_i - p_i$ (Strauss 1979), and is shown with its 95% confidence interval. a/

	82/09/09			82/09/23		
Sample size	r_i (476)	p_i (174)	L	r_i (85)	p_i (357)	L
chironomid larvae	0.71	0.20	0.51±0.07	0.79	0.10	0.68±0.09
chironomid pupae	0.12	0.24	-0.12±0.07	0.00	0.09	-0.09±0.03
chironomid adults	0.01	0.31	-0.30±0.07	0.04	0.40	-0.36±0.06
Simuliidae larvae	0.01	0.03	-0.02±0.03	0.00	0.00	0.00±0.00
Tipulidae larvae	0.00	0.00	0.00±0.00	0.02	0.00	0.02±0.03
Capniidae nymphs	0.01	0.02	-0.01±0.02	0.00	0.02	-0.02±0.02
Nemouridae nymphs	0.00	0.05	-0.05±0.03	0.01	0.00	0.01±0.02
Perlodidae nymphs	0.07	0.01	0.05±0.03	0.00	0.00	0.00±0.00
Taeneopterygidae n.	0.00	0.00	0.00±0.00	0.01	0.05	-0.04±0.03
small Plecoptera n.	0.03	0.00	0.03±0.02	0.00	0.00	0.00±0.00
Trichoptera larvae	0.00	0.06	-0.06±0.04	0.00	0.16	-0.16±0.04
Hydracarina	0.00	0.01	-0.01±0.02	0.00	0.08	-0.08±0.03
salmon eggs	0.00	0.00	0.00±0.00	0.06	0.00	0.06±0.05
Homoptera	0.00	0.02	-0.02±0.02	0.02	0.00	0.02±0.03
Hymenoptera	0.00	0.01	-0.01±0.02	0.01	0.02	-0.01±0.03
other terrestrial	0.00	0.00	0.00±0.00	0.00	0.02	-0.02±0.02

a/ Positive L values indicate preference for, or selection of the prey type. Negative values indicate avoidance or unavailability of the prey type to the fish. Only invertebrate taxa which contributed ≥2% to stomach content or environment samples are included.

Appendix Table 3-C-13 . Electivity values for invertebrates found in stomach contents of coho juveniles at Slough 8A in August 1982. The percent of each invertebrate type found in the stomach contents is r_i, the percent found in the environment is p_i. The electivity value (L) is equal to $r_i - p_i$ (Strauss 1979), and is shown with its 95% confidence interval. a/

	82/08/06			82/08/25		
Sample size	r_i (52)	p_i (110)	L	r_i (157)	p_i (123)	L
chironomid larvae	0.48	0.16	0.32±0.15	0.17	0.74	-0.57±0.10
chironomid pupae	0.00	0.11	-0.11±0.06	0.23	0.12	0.11±0.09
chironomid adult	0.04	0.23	-0.19±0.09	0.04	0.00	0.04±0.03
Empididae larvae	0.00	0.00	0.00±0.00	0.08	0.02	0.06±0.05
Empididae adults	0.00	0.05	-0.05±0.04	0.01	0.00	0.01±0.02
Psychodidae larvae	0.00	0.02	-0.02±0.02	0.10	0.00	0.10±0.05
Simuliidae larvae	0.00	0.01	-0.01±0.02	0.03	0.00	0.03±0.03
misc adult Diptera	0.00	0.05	-0.05±0.04	0.01	0.00	0.01±0.01
Ephemerellidae nymph	0.04	0.00	0.04±0.05	0.00	0.00	0.00±0.00
Siphlonuridae nymph	0.00	0.02	-0.02±0.02	0.00	0.00	0.00±0.00
Capniidae nymph	0.00	0.00	0.00±0.00	0.00	0.03	-0.03±0.03
Taeneopterygidae n.	0.00	0.00	0.00±0.00	0.00	0.02	-0.02±0.03
small Plecoptera n.	0.02	0.00	0.02±0.04	0.02	0.00	0.02±0.02
Coleoptera adults	0.06	0.02	0.04±0.07	0.01	0.01	0.01±0.02
Collembola	0.31	0.08	0.23±0.14	0.05	0.00	0.05±0.03
Hydracarina	0.02	0.05	-0.03±0.05	0.05	0.00	0.05±0.03
Oligochaetae	0.00	0.00	0.00±0.00	0.00	0.03	-0.03±0.03
other aquatic	0.00	0.00	0.00±0.00	0.03	0.00	0.03±0.02
Homoptera	0.00	0.05	-0.05±0.04	0.07	0.00	0.07±0.04
Hymenoptera	0.02	0.00	0.02±0.04	0.01	0.01	-0.00±0.02
Lepidoptera adults	0.00	0.00	0.00±0.00	0.02	0.00	0.02±0.02

a/ Positive L values indicate preference for, or selection of the prey type. Negative values indicate avoidance or unavailability of the prey type to the fish. Only invertebrate taxa which contributed ≥2% to stomach content or environment samples are included.

Appendix Table 3-C-14 . Electivity values for invertebrates found in stomach contents of coho juveniles at Slough 8A in September 1982. The percent of each invertebrate type found in the stomach contents is r_i, the percent found in the environment is p_i. The electivity value (L) is equal to $r_i - p_i$ (Strauss 1979), and is shown with its 95% confidence interval. a/

	82/09/07			82/09/22		
Sample size	r_i (24)	p_i (264)	L	r_i (147)	p_i (22)	L
chironomid larvae	0.13	0.02	0.10±0.13	0.57	0.00	0.57±0.08
chironomid pupae	0.04	0.02	0.03±0.08	0.00	0.00	0.00±0.00
chironomid adult	0.46	0.19	0.27±0.20	0.10	0.46	-0.36±0.21
Psychodidae larvae	0.08	0.06	0.03±0.11	0.01	0.05	-0.03±0.09
terrest. Dipt. larv.	0.00	0.00	0.00±0.00	0.02	0.00	0.02±0.02
other adult Diptera	0.04	0.10	-0.05±0.09	0.03	0.09	-0.06±0.12
Capniidae nymph	0.00	0.00	0.00±0.00	0.03	0.00	0.03±0.03
Chloroperlidae nymph	0.00	0.03	-0.03±0.02	0.00	0.00	0.00±0.00
small Plecoptera n.	0.04	0.00	0.04±0.08	0.00	0.00	0.00±0.00
Trichoptera larvae	0.00	0.12	-0.12±0.04	0.00	0.14	-0.14±0.14
Coleoptera adults	0.00	0.02	-0.02±0.02	0.08	0.00	0.08±0.04
Collembola	0.21	0.09	0.12±0.17	0.01	0.14	-0.12±0.14
Hydracarina	0.00	0.03	-0.03±0.02	0.00	0.00	0.00±0.00
Copepoda	0.00	0.00	0.00±0.00	0.00	0.05	-0.05±0.09
other aquatic	0.00	0.06	-0.06±0.03	0.01	0.05	-0.03±0.09
Homoptera	0.00	0.03	-0.03±0.02	0.04	0.05	-0.00±0.09
Hymenoptera	0.00	0.20	-0.20±0.05	0.03	0.00	0.03±0.03
other terrestrial	0.00	0.00	0.00±0.01	0.03	0.00	0.03±0.03

a/ Positive L values indicate preference for, or selection of the prey type. Negative values indicate avoidance or unavailability of the prey type to the fish. Only invertebrate taxa which contributed ≥2% to stomach content or environment samples are included.

Appendix Table 3-C-15 . Electivity values for invertebrates found in stomach contents of coho juveniles at Slough 11 in September 1982. The percent of each invertebrate type found in the stomach contents is r_i, the percent found in the environment is p_i. The electivity value (L) is equal to $r_i - p_i$ (Strauss 1979), and is shown with its 95% confidence interval. a/

	82/09/05			82/09/20		
Sample size	r_i (47)	p_i (319)	L	r_i (101)	p_i (645)	L
chironomid larvae	0.45	0.07	0.38±0.14	0.42	0.16	0.26±0.10
chironomid pupae	0.06	0.00	0.06±0.07	0.11	0.02	0.09±0.06
chironomid adults	0.47	0.00	0.47±0.14	0.42	0.75	-0.33±0.10
terrest. Dipt. larv.	0.00	0.00	0.00±0.00	0.02	0.00	0.02±0.03
other adult Diptera	0.00	0.00	0.00±0.00	0.03	0.02	0.01±0.03
Capnildae nymphs	0.00	0.90	-0.90±0.03	0.01	0.00	0.01±0.02
Coleoptera adults	0.02	0.00	0.02±0.04	0.00	0.00	0.00±0.00
Collembola	0.00	0.00	0.00±0.00	0.00	0.02	-0.02±0.01
Hymenoptera	0.00	0.00	0.00±0.00	0.00	0.02	-0.02±0.01

a/ Positive L values indicate preference for, or selection of the prey type. Negative values indicate avoidance or unavailability of the prey type to the fish. Only invertebrate taxa which contributed ≥2% to stomach content or environment samples are included.

Appendix Table 3-C-16 . Electivity values for invertebrates found in stomach contents of coho juveniles at 4th of July Creek in August 1982. The percent of each invertebrate type found in the stomach contents is r_i, the percent found in the environment is p_i. The electivity value (L) is equal to $r_i - p_i$ (Strauss 1979), and is shown with its 95% confidence interval.

	82/08/05			82/08/28		
Sample size	r_i (86)	p_i (179)	L	r_i (147)	p_i (213)	L
chironomid larvae	0.52	0.17	0.35±0.12	0.53	0.03	0.50±0.08
chironomid pupae	0.11	0.03	0.08±0.07	0.12	0.19	-0.07±0.07
chironomid adults	0.01	0.14	-0.13±0.06	0.07	0.28	-0.21±0.07
Empididae adults	0.05	0.01	0.04±0.05	0.02	0.00	0.02±0.02
Simuliidae larvae	0.11	0.11	0.00±0.08	0.02	0.02	-0.00±0.03
terrest. Dipt. larv.	0.00	0.00	0.00±0.00	0.03	0.02	0.01±0.04
other adult Diptera	0.04	0.08	-0.04±0.06	0.01	0.07	-0.06±0.04
other Diptera pupae	0.00	0.02	-0.02±0.02	0.07	0.00	0.07±0.04
Baetidae nymphs	0.02	0.08	-0.06±0.05	0.00	0.01	-0.01±0.01
Heptageniidae nymph	0.01	0.03	-0.02±0.03	0.01	0.01	0.00±0.02
Nemouridae nymphs	0.01	0.02	-0.01±0.03	0.01	0.00	0.01±0.01
Plecoptera adults	0.01	0.00	0.01±0.02	0.00	0.05	-0.05±0.03
Trichoptera larvae	0.00	0.02	-0.02±0.02	0.01	0.04	-0.04±0.03
Collembola	0.01	0.03	-0.02±0.04	0.01	0.02	-0.01±0.03
Hydracarina	0.01	0.16	-0.15±0.06	0.01	0.04	-0.03±0.03
Homoptera	0.00	0.01	-0.01±0.02	0.01	0.12	-0.10±0.05
Hymenoptera	0.01	0.06	-0.04±0.04	0.01	0.06	-0.05±0.03
other terrestrial	0.01	0.03	-0.02±0.04	0.01	0.02	-0.02±0.02

a/ Positive L values indicate preference for, or selection of the prey type. Negative values indicate avoidance or unavailability of the prey type to the fish. Only invertebrate taxa which contributed ≥2% to stomach content or environment samples are included.

Appendix Table 3-C-17 . Electivity values for invertebrates found in stomach contents of coho juveniles at 4th of July Creek in September 1982. The percent of each invertebrate type found in the stomach content is r_i, the percent found in the environment is p_i. The electivity value (L) is equal to $r_i - p_i$ (Strauss 1979), and is shown with its 95% confidence interval.

	82/09/08			82/09/22		
Sample size	r_i (200)	p_i (110)	L	r_i (17)	p_i (73)	L
chironomid larvae	0.19	0.00	0.19±0.05	0.47	0.10	0.38±0.25
chironomid pupae	0.07	0.05	0.02±0.05	0.00	0.00	0.00±0.00
chironomid adults	0.05	0.13	-0.08±0.07	0.00	0.04	-0.04±0.05
Simuliidae larvae	0.03	0.04	-0.01±0.04	0.12	0.03	0.09±0.16
other adult Diptera	0.04	0.10	-0.06±0.06	0.00	0.06	-0.06±0.05
Baetidae nymphs	0.00	0.00	0.00±0.00	0.00	0.03	-0.03±0.04
Heptageniidae nymph	0.09	0.05	0.05±0.06	0.12	0.00	0.12±0.15
small Ephemeroptera	0.10	0.00	0.10±0.04	0.00	0.00	0.00±0.00
Capniidae nymphs	0.00	0.00	0.00±0.00	0.00	0.04	-0.04±0.05
Chloroperlidae nymph	0.03	0.00	0.03±0.02	0.06	0.00	0.06±0.11
Nemouridae nymph	0.06	0.05	0.01±0.05	0.06	0.04	0.02±0.12
small Plecoptera n.	0.15	0.00	0.15±0.05	0.00	0.00	0.00±0.00
Trichoptera larvae	0.06	0.15	-0.09±0.07	0.00	0.11	-0.11±0.07
Coleoptera adults	0.02	0.00	0.02±0.02	0.00	0.00	0.00±0.00
Collembola	0.03	0.04	-0.01±0.04	0.00	0.01	-0.01±0.03
Hydracarina	0.01	0.17	-0.16±0.07	0.06	0.12	-0.06±0.13
Ostracoda	0.00	0.00	0.00±0.00	0.00	0.08	-0.08±0.06
Oligochaetae	0.00	0.01	-0.01±0.02	0.00	0.07	-0.07±0.06
other aquatic	0.02	0.02	-0.00±0.03	0.06	0.03	0.03±0.12
Homoptera	0.03	0.09	-0.07±0.06	0.06	0.16	-0.11±0.14
Hymenoptera	0.01	0.05	-0.04±0.04	0.00	0.01	-0.01±0.03
Lepidoptera larvae	0.00	0.02	-0.02±0.02	0.00	0.00	0.00±0.00
other terrestrial	0.01	0.04	-0.03±0.04	0.00	0.04	-0.04±0.04

a/ Positive L values indicate preference for, or selection of the prey type. Negative values indicate avoidance or unavailability of the prey type to the fish. Only invertebrate taxa which contributed ≥2% to stomach content or environment samples are included.

Appendix Table 3-C-18 . Electivity values for invertebrates found in stomach contents of coho juveniles at Indian River in August 1982. The percent of each invertebrate type found in the stomach contents is r_i, the percent found in the environment is p_i. The electivity value (L) is equal $r_i - p_i$ (Strauss 1979), and is shown with its 95% confidence interval. a/

	82/08/08			82/08/29		
Sample size	r_i (330)	p_i (83)	L	r_i (30)	p_i (26)	L
chironomid larvae	0.63	0.42	0.21±0.26	0.38	0.18	0.20±0.10
chironomid pupae	0.07	0.04	0.03±0.12	0.27	0.17	0.10±0.09
chironomid adults	0.00	0.15	-0.15±0.14	0.09	0.36	-0.27±0.11
Empididae adults	0.00	0.04	-0.04±0.07	0.00	0.00	0.00±0.00
Simuliidae larvae	0.00	0.08	-0.08±0.10	0.01	0.00	0.01±0.01
terrest. Dipt. larv.	0.07	0.00	0.07±0.09	0.07	0.00	0.07±0.03
Heptageniidae nymphs	0.07	0.08	-0.01±0.08	0.00	0.02	-0.02±0.03
Siphlonuridae nymphs	0.00	0.08	-0.08±0.10	0.00	0.00	0.00±0.00
Capniidae nymphs	0.00	0.00	0.00±0.00	0.00	0.08	-0.08±0.06
Chloroperlidae nymph	0.10	0.00	0.10±0.11	0.00	0.01	-0.01±0.02
Nemouridae nymphs	0.03	0.00	0.03±0.06	0.00	0.02	-0.02±0.03
Perlodidae nymphs	0.00	0.00	0.00±0.00	0.03	0.02	0.00±0.04
Trichoptera larvae	0.00	0.00	0.00±0.00	0.00	0.07	-0.07±0.06
Hydracarina	0.00	0.04	-0.04±0.07	0.00	0.00	0.00±0.00
Homoptera	0.00	0.00	0.00±0.00	0.05	0.02	0.02±0.04
Hymenoptera	0.03	0.04	-0.01±0.10	0.00	0.00	0.00±0.00
Lepidoptera adults	0.00	0.00	0.00±0.00	0.02	0.00	0.02±0.02
other terrestrial	0.00	0.04	-0.04±0.07	0.01	0.01	0.00±0.03

a/ Positive L values indicate preference for, or selection of the prey type. Negative values indicate avoidance or unavailability of the prey type to the fish. Only invertebrate taxa which contributed ≥2% to stomach content or environment samples are included.

Appendix Table 3-C-19 . Electivity values for invertebrates found in stomach contents of coho juveniles at Indian River in September 1982. The percent of each invertebrate type found in the stomach contents is r_i, the percent found in the environment is p_i. The electivity value (L) is equal to $r_i - p_i$ (Strauss 1979), and is shown with its 95% confidence interval. a/

	82/09/23		
Sample size	r_i (99)	p_i (357)	L
chironomid larvae	0.47	0.10	0.36±0.10
chironomid pupae	0.00	0.09	-0.09±0.03
chironomid adults	0.13	0.40	-0.27±0.08
Tipulidae larvae	0.03	0.00	0.03±0.03
other adult Diptera	0.02	0.00	0.02±0.03
other Diptera pupae	0.05	0.00	0.05±0.04
Capnildae nymphs	0.03	0.02	0.01±0.04
Nemouridae nymphs	0.06	0.00	0.06±0.05
Taeneopterygidae n.	0.00	0.05	-0.05±0.02
Trichoptera larvae	0.00	0.16	-0.16±0.04
Coleoptera adults	0.04	0.00	0.04±0.04
Collembola	0.02	0.01	0.01±0.03
Hydracarina	0.00	0.08	-0.08±0.03
salmon eggs	0.02	0.00	0.02±0.03
other aquatic	0.02	0.00	0.02±0.03
Homoptera	0.02	0.00	0.02±0.03
Hymenoptera	0.03	0.02	0.01±0.04

a/ Positive L values indicate preference for, or selection of the prey type. Negative values indicate avoidance or unavailability of the prey type to the fish. Only invertebrate taxa which contributed ≥2% to stomach content or environment samples are included.

Appendix Table 3-C-20 . Electivity values for invertebrates found in stomach contents of sockeye juveniles at Slough 8A in August 1982. The percent of each invertebrate type found in the stomach contents is r_i, the percent found in the environment is p_i. The electivity value (L) is equal to $r_i - p_i$ (Strauss 1979), and is shown with its 95% confidence interval. a/

	82/08/06			82/08/25		
Sample size	r_i (74)	p_i (110)	L	r_i (86)	p_i (123)	L
Chironomid larvae	0.27	0.16	0.11±0.12	0.28	0.74	-0.46±0.12
Chironomid pupae	0.04	0.11	-0.07±0.07	0.01	0.12	-0.11±0.06
Chironomid adult	0.28	0.23	0.06±0.13	0.20	0.00	0.20±0.08
Empididae larvae	0.00	0.00	0.00±0.00	0.02	0.02	0.01±0.04
Empididae adults	0.00	0.05	-0.05±0.04	0.00	0.00	0.00±0.00
Psychodidae larvae	0.00	0.02	-0.02±0.02	0.08	0.00	0.08±0.06
Simuliidae larvae	0.12	0.01	0.11±0.08	0.10	0.00	0.10±0.06
other adult Diptera	0.00	0.05	-0.05±0.04	0.01	0.00	0.01±0.02
Siphlonuridae nymph	0.00	0.02	-0.02±0.02	0.00	0.00	0.00±0.00
Capniidae nymph	0.00	0.00	0.00±0.00	0.00	0.03	-0.03±0.03
Chloroperlidae nymph	0.00	0.00	0.00±0.00	0.02	0.00	0.02±0.03
Perlodidae nymph	0.00	0.00	0.00±0.00	0.02	0.00	0.02±0.03
Taeneopterygidae n.	0.00	0.00	0.00±0.00	0.00	0.02	-0.02±0.03
small Plecoptra nym.	0.01	0.00	0.01±0.03	0.02	0.00	0.02±0.03
Coleoptera adults	0.00	0.02	-0.02±0.02	0.00	0.01	-0.01±0.02
Collembola	0.01	0.08	-0.07±0.06	0.02	0.00	0.02±0.03
Hydracarina	0.24	0.05	0.20±0.11	0.01	0.00	0.01±0.02
Copepoda	0.00	0.00	0.00±0.00	0.13	0.00	0.13±0.07
Oligochaetae	0.00	0.00	0.00±0.00	0.00	0.03	-0.03±0.03
Homoptera	0.01	0.05	-0.03±0.05	0.00	0.00	0.00±0.00
other terrestrial	0.00	0.14	-0.14±0.06	0.01	0.00	0.01±0.02

a/ Positive L values indicate preference for, or selection of the prey type. Negative values indicate avoidance or unavailability of the prey type to the fish. Only invertebrate taxa which contibuted ≥2% to stomach content or environment samples are included.

Appendix Table 3-C-21 . Electivity values for invertebrates found in stomach contents of sockeye juveniles at Slough 8A in September 1982. The percent of each invertebrate type found in the stomach contents is r_i, the percent found in the environment is p_i. The electivity value (L) is equal to $r_i - p_i$ (Strauss 1979), and is shown with its 95% confidence interval. a/

	82/09/07			82/09/22		
Sample size	r_i (160)	p_i (264)	L	r_i (69)	p_i (22)	L
Chironomid larvae	0.64	0.02	0.62±0.08	0.62	0.00	0.62±0.11
Chironomid adult	0.19	0.19	0.00±0.08	0.07	0.46	-0.38±0.22
Psychodidae larvae	0.01	0.06	-0.05±0.03	0.00	0.05	-0.05±0.09
other adult Diptera	0.00	0.10	-0.10±0.04	0.12	0.09	0.03±0.14
Capnildae nymph	0.00	0.00	0.00±0.00	0.03	0.00	0.03±0.04
Chloroperlidae nymph	0.00	0.03	-0.03±0.02	0.00	0.00	0.00±0.00
Trichoptera larvae	0.00	0.12	-0.12±0.04	0.00	0.14	-0.14±0.14
Collembola	0.03	0.09	-0.07±0.04	0.07	0.14	-0.06±0.16
Hydracarina	0.04	0.03	0.02±0.04	0.00	0.00	0.00±0.00
Copepoda	0.02	0.00	0.02±0.02	0.00	0.05	-0.05±0.09
other aquatic	0.00	0.06	-0.06±0.03	0.00	0.05	-0.05±0.09
Homoptera	0.01	0.03	-0.02±0.03	0.00	0.05	-0.05±0.09
Hymenoptera	0.04	0.20	-0.16±0.06	0.06	0.00	0.06±0.06

a/ Positive L values indicate preference for, or selection of the prey type. Negative values indicate avoidance or unavailabitiy of the prey type to the fish. Only invertebrate taxa which contributed ≥2% to stomach content or environment samples are included.

Appendix Table 3-C-22 . Electivity values for invertebrates found in stomach contents of sockeye juveniles at Slough 11 in August 1982. The percent of each invertebrate type found in the stomach contents is r_i, the percent found in the environment is p_i. The electivity value (L) is equal to $r_i - p_i$ (Strauss 1979), and is shown with its 95% confidence interval. a/

	82/08/03			82/08/24		
Sample size	r_i (584)	p_i (34)	L	r_i (954)	p_i (261)	L
chironomid larvae	0.25	0.65	-0.39±0.16	0.08	0.18	-0.10±0.05
chironomid pupae	0.02	0.18	-0.16±0.13	0.01	0.18	-0.17±0.05
chironomid adults	0.00	0.03	-0.03±0.06	0.01	0.60	-0.58±0.06
Empididae adults	0.00	0.09	-0.09±0.10	0.00	0.03	-0.03±0.02
other Diptera pupae	0.00	0.03	-0.03±0.06	0.00	0.00	0.00±0.00
Cladocera	0.00	0.00	0.00±0.00	0.88	0.00	0.88±0.02
Copepoda	0.72	0.00	0.72±0.04	0.01	0.00	0.01±0.01
Homoptera	0.00	0.03	-0.03±0.06	0.00	0.00	-0.00±0.01

a/ Positive L values indicate preference for, or selection of the prey type. Negative values indicate avoidance or unavailability of the prey type to the fish. Only invertebrate taxa which contributed ≥2% to stomach content or environment samples are included.

Appendix Table 3-C-23 . Electivity values for invertebrates found in stomach contents of sockeye juveniles at Slough 11 in September 1982. The percent of each invertebrate type found in the stomach contents is r_i, the percent found in the environment is p_i. The electivity value (L) is equal to $r_i - p_i$ (Strauss 1979), and is shown with its 95% confidence interval. a/

	82/09/05			82/09/20		
Sample size	r_i (682)	p_i (319)	L	r_i (101)	p_i (645)	L
chironomid larvae	0.68	0.07	0.61±0.04	0.02	0.16	-0.14±0.04
chironomid pupae	0.07	0.00	0.07±0.02	0.08	0.02	0.06±0.05
chironomid adults	0.17	0.00	0.17±0.03	0.76	0.75	0.01±0.09
other adult Diptera	0.00	0.00	0.00±0.00	0.00	0.02	-0.02±0.01
Capnildae nymph	0.00	0.90	-0.89±0.03	0.00	0.00	0.00±0.00
Collembola	0.00	0.00	0.00±0.00	0.00	0.02	-0.02±0.01
Copepoda	0.07	0.00	0.07±0.02	0.14	0.00	0.14±0.07
Oligochaetae	0.00	0.00	-0.00±0.01	0.00	0.00	-0.07±0.02
Hymenoptera	0.00	0.00	0.00±0.00	0.00	0.02	-0.02±0.01

a/ Positive L values indicate preference for, or selection of the prey type. Negative values indicate avoidance or unavailability of the prey type to the fish. Only invertebrate taxa which contributed ≥2% to stomach content or environment samples are included.

Appendix Table 3-C-24. Invertebrate taxa present in drift net collections from all sites sampled in 1982 (X indicates presence, 0 absence).

Site Sample size	Slough 8A (629)	Slough 11 (1055)	Slough 20 (809)	Slough 21 (577)	4th of July Crk (575)	Indian River (640)
Diptera						
Chironomidae	X	X	X	X	X	X
Empididae	X	X	X	X	0	X
Psychodidae	X	0	X	X	0	0
Simuliidae	X	X	X	0	X	X
Tipulidae	0	X	0	0	X	X
Ephemeroptera						
Baetidae	X	0	X	0	X	X
Ephemerellidae	0	0	0	0	X	X
Heptageniidae	X	0	X	X	X	X
Siphlonuridae	0	0	0	0	X	X
Plecoptera						
Capniidae	X	X	X	0	X	X
Chloroperlidae	X	X	0	X	0	X
Nemouridae	0	X	X	0	X	X
Perlodidae	0	X	X	0	0	X
Taeneopterygidae	X	0	X	X	X	X
Trichoptera						
Brachycentridae	0	0	0	0	X	0
Glossosomatidae	0	0	0	0	X	X
Hydropsychidae	0	0	0	0	0	0
Limnephilidae	X	0	X	X	X	X
Rhyachophilidae	0	0	X	0	X	0
Cladocera	0	0	0	0	0	0
Collembola	X	X	X	X	X	X
Copepoda	X	0	X	0	0	0
Hydracarina	X	X	X	X	X	X
Oligochaetae	X	X	X	X	X	X
Ostracoda	0	0	0	0	X	X
Terrestrials						
Coleoptera	X	X	X	X	0	0
Diptera larvae	0	0	X	0	X	X
misc Diptera adults	X	X	0	X	X	X
Homoptera	X	X	X	X	X	X
Hymenoptera	X	X	X	X	X	X
Lepidoptera larvae	X	0	X	X	X	X
Lepidoptera adults	0	0	0	0	0	0

Appendix Table 3-C-25. Invertebrate taxa present in kick screen collections from all sites sampled in 1982 (X indicates presence, 0 absence).

Site Sample size	Slough 8A (898)	Slough 11 (732)	Slough 20 (966)	Slough 21 (3063)	4th of July Crk (2652)	Indian River (3978)
Diptera						
Chironomidae	X	X	X	X	X	X
Empididae	X	X	0	X	X	X
Psychodidae	X	0	X	0	0	0
Simuliidae	X	0	X	X	X	X
Tipulidae	X	0	X	X	X	X
Ephemeroptera						
Baetidae	0	0	X	X	X	X
Ephemerellidae	X	0	X	X	X	X
Heptageniidae	0	0	X	X	X	X
Siphlonuridae	0	0	X	0	X	0
Plecoptera						
Capniidae	X	0	X	X	X	X
Chloroperlidae	X	0	X	X	X	X
Nemouridae	0	0	X	X	X	0
Perlodidae	X	0	X	X	X	X
Taeneopterygidae	X	0	0	0	X	0
Trichoptera						
Brachycentrida	0	0	0	0	X	0
Glossosomatidae	0	0	0	0	X	0
Hydropsychidae	0	0	0	0	X	0
Limnephilidae	X	0	X	X	X	X
Rhyachophilidae	0	0	X	0	X	0
Cladocera	0	0	0	0	0	0
Collembola	X	0	X	X	0	0
Copepoda	X	X	0	0	0	0
Hydracarina	X	0	X	X	X	X
Oligochaetae	X	X	X	X	X	X
Ostracoda	X	0	0	0	0	0
Terrestrials						
Coleoptera	0	0	0	0	0	0
Diptera larvae	0	0	0	0	X	0
misc Diptera adults	X	X	0	0	0	X
Homoptera	0	0	X	X	X	0
Hymenoptera	X	0	X	0	X	0
Lepidoptera larvae	0	0	0	0	X	0
Lepidoptera adults	0	0	0	0	0	0

Appendix Report 3-D-1

Upper Indian River and Upper Portage Creek Studies

The upper reaches of Indian River (Indian TRM 2.7 to 12.0) and Portage Creek (Portage TRM 4.5 to 15.5) were sampled on a monthly basis from June through September, continuing the studies begun in 1981.

Three Selected Fish Habitat sites were sampled on each tributary per trip. Portage Creek was dropped from the survey following the July trip for logistical reasons. The only type of gear utilized this season was minnow traps, 0.13 or 0.25 inch mesh, baited with salmon roe, and set for three hours. With the exception of the June survey (5 traps), each gear set consisted of ten fry traps. Habitat data and notes on substrate and cover were taken at each site in accordance with the Procedures Manual (ADF&G, 1981d).

A single salmon fry was collected, a chinook juvenile at Indian River Helicopter site # 1 in August. One Dolly Varden was captured in July and two in August at Indian River Helicopter Site #3. Six Dolly Varden taken at Portage Creek Helicopter Site #2 and two at site #3 in July comprised the total season catch from the three Portage Creek helicopter sites. There were not enough fish captured to compare monthly catches on these tributaries.

Total catch from the 1981 studies in the upper reach of Indian River was 197 chinook fry and 89 coho salmon fry. The peak catch of juvenile

salmon was in August for both chinook (154 fish) and coho (65 fish) as well as Dolly Varden (42 fish). Totals from Portage Creek in 1981 (159 chinook fry, 6 coho fry) also indicated peak catches for chinook juveniles in August with 109 fry caught. The peak catch of Dolly Varden (104 fish) at Portage Creek also occurred in August of 1981. Peak Dolly Varden catch (8 fish) in 1982 occurred in July on Portage Creek.

The reasons for the low catch during the 1982 sampling effort are not known. There is a possibility that the difference in fishing time between the two years is a factor. Traps were set for a 24-hour period in 1981 and for a 3-hour period in 1982. However, according to catch rate tests conducted at Whiskers Creek and Slough in June (see Appendix Report 3-E-1), the number of fish trapped in a 24-hour set as compared to a 3-hour set is probably not significant. A more likely explanation is that the catch was low because juvenile chinook and coho were not present at the sites in any great numbers. The cause of this could have been the high water of 1981, severe winter conditions, or a harsh ice-out in the spring.

The habitat data are presented in Appendix Table 3-D-1. Because there was little variation in readings among the three sites in each stream during each month, the three readings were averaged. Mean water temperature in Indian River increased from June through August, then decreased in September. Water temperature at individual sites ranged from 2.6 to 10.4° C. Dissolved oxygen levels were always more than adequate for fish. Turbidity levels were always low.

Appendix Table 3-D-1. Monthly habitat data at SFH sites on Indian River (TRM 2.7 - 12.0) and Portage Creek (TRM 4.5 - 15.5), June to September, 1982.

Site	Month	Water Temp. (C°)	pH	Dissolved Oxygen (mg/l)	Relative Conductance (umhos/cm)	Relative Velocity (ft/sec)	Turbidity (NTU)
Indian River	June	2.8	6.2	11.1	020	1.5	1.9
	July	9.3	6.7	11.0	018	1.8	0.2
	August	9.5	7.1	10.6	041	1.1	1.4
	September	6.4	6.6	11.3	044	1.9	4.2
Portage Creek	June	2.2	6.4	11.2	03[illegible]	0.8	2.6
	July	7.6	6.7	11.4	03[illegible]	0.6	0.9
	August	-	-	-	-	-	-
	September	-	-	-	-	-	-

- not sampled

Appendix Report 3-E-1

The Effect of Fishing Time on Minnow Trap Catch

I. INTRODUCTION

Minnow traps were fished for 24 hours during the 1981 ice-free season. Studies conducted by the Alaska Department of Fish and Game on the Deshka River in 1980 (K. Roth, pers. comm.) and by the U.S. Fish and Wildlife Service on the Kenai River from 1979 to 1981 (D. Schmidt, pers. comm.) indicated that a three hour fishing time would adequately sample juvenile salmon.

The question of the effect of fishing time on catch of minnow traps was addressed by a 24 hour experiment at Whiskers Creek and Slough on June 21-22, 1982. The objective was to determine if a three hour set was an adequate length of time to fish a minnow trap for the purpose of sampling a population of fish in a given area with reproducible results. Specifically, the objectives were to:

(a) determine if there was any effect on catches if a trap was fished three hours or four hours, a point that arose because of the logistical difficulties in pulling all traps at a site at exactly three hours.

(b) determine if there was any difference between a 3 hour fishing time and a 24 hour fishing time; in other words, are

essentially all fish that would be caught in 24 hours by a particular trap, caught in 3 hours?

Objective (b) was undertaken not only to determine if three hours was an adequate length of time, but also to decide whether or not the 1982 data (3 hour fishing time) could be compared to the 1981 data (24 hour fishing time).

II. METHODS

Whiskers Creek and Slough was chosen as the site for the 24 hour experiment because of the presence of good numbers of chinook and coho salmon juveniles and because it was located near the Talkeetna field camp. The sampling was done from about noon on June 21 to noon on June 22, 1982.

Thirty minnow traps baited with salmon roe, 24 of them with a mesh size of 0.25 inches and 6 with a mesh size of 0.12 inches, were placed in three different hydraulic zones (see section 2.1.2, Methods). Each trap was pulled after 1 hour, the total fish in the trap counted, and the trap returned to its former location. This was repeated at 2 hours, 3 hours, 4 hours, 5 hours, 10 hours, 22 hours, and 24 hours. One trap was stepped on by a moose during the night so no data were taken from that trap at 22 and 24 hours.

The Wilcoxon matched-pairs signed-ranks test (Daniel 1978) was used in each zone to test for differences between 3 hours and 4 hours and

between 3 hours and 24 hours. This nonparametric test was chosen because the assumption of a normal distribution was not met by the data.

III. RESULTS

The raw data are shown in Appendix Table 3-E-1 and a summary by zone is presented in Appendix Table 3-E-2. Three arctic lampreys, one in each zone, which entered the traps overnight were deleted from the tables because this species is not normally caught in minnow traps at the other sampling sites on the river. It can be seen with some of the traps (Appendix Table 3-E-1) that fish which had been in the trap at one sampling hour had left the trap by the next sampling hour. The total catch in 24 hours was: 44 chinook salmon juveniles, 28 coho salmon juveniles, 6 slimy sculpins, and 3 arctic lampreys.

The cumulative number of fish in the traps in all three zones appears to level off after five hours (Appendix Figure 3-E-1). At that time, 98.7% of the total fish present in the trap at 24 hours were already caught. At three hours, 85.9% of the total fish were present. However, the shape of the curve is strongly influenced by an increase in cumulative catch in Zone 2 only. The cumulative catch in Zone 1 and Zone 7 levels off after 3 hours (Appendix Table 3-E-2). Essentially, 100% of the 24 hour catch in Zone 1 and Zone 7 was in the traps at 3 hours.

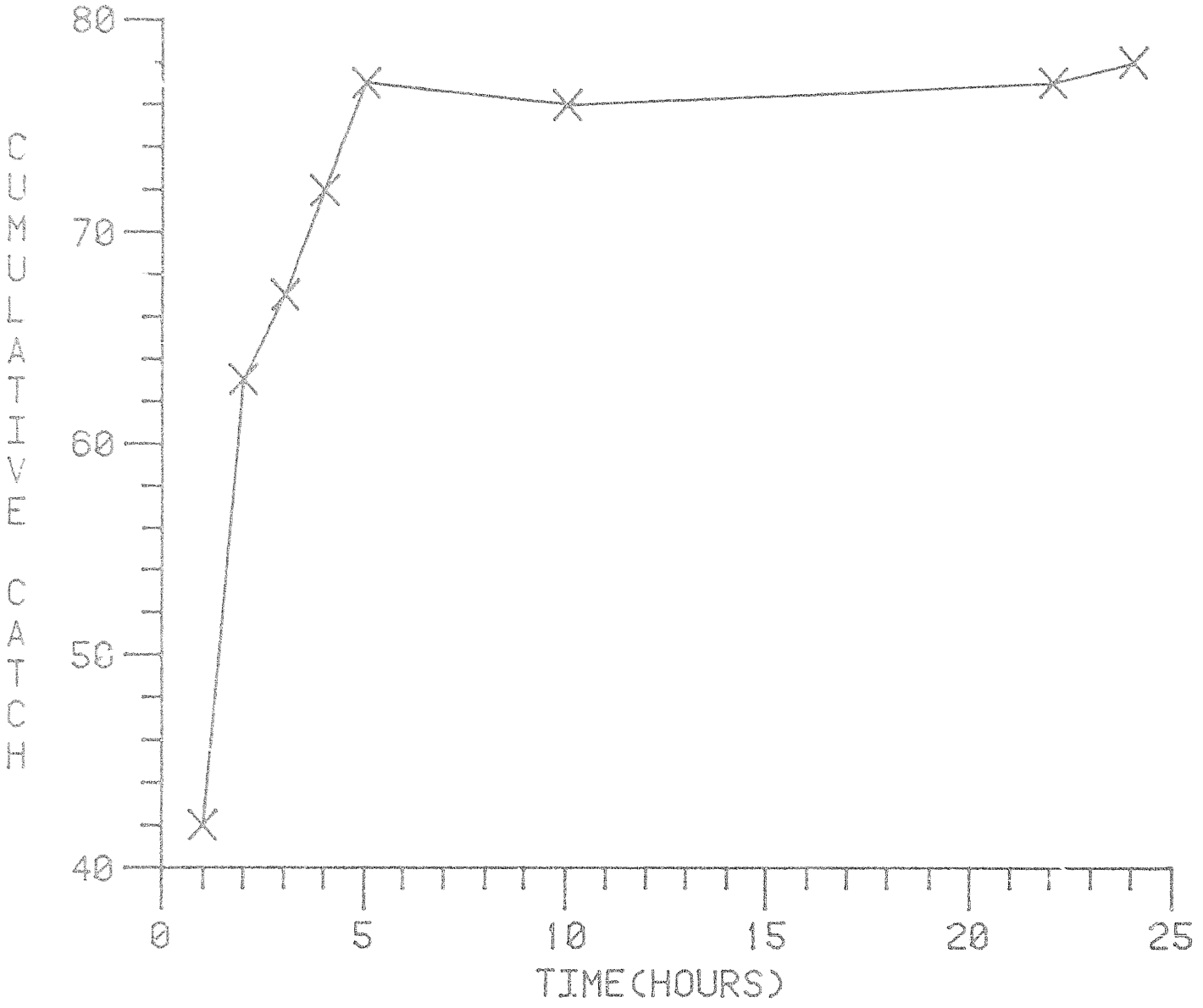
The Wilcoxon matched-pairs signed-rank test showed that there was no difference ($p < .05$) in the catch when sampled at 3 hours or at 4 hours

Appendix Table 3-E-1. Cumulative catch of all species in 30 minnow traps over 24 hours, Whiskers Creek and Slough, June 21-22, 1982.

Zone-Trap No.	Elapsed Time (hours)							
	1	2	3	4	5	10	22	24
1-1	0	3	3	3	3	3	~~3~~ 2	~~4~~ 3
1-2	0	1	2	1	1	1	2	2
1-3	1	0	0	0	0	1	1	1
1-4	0	0	0	1	1	1	1	1
1-5	0	0	0	0	0	0	1	2
1-6	0	-	0	0	0	0	0	0
1-7	0	0	0	0	1	0	0	0
1-8	2	7	7	7	8	6	5	4
1-9	0	0	0	0	0	0	0	0
1-10	2	1	1	1	1	1	-	-
2-1	0	0	0	0	0	1	2	~~3~~ 2
2-2	0	0	0	0	0	0	1	0
2-3	0	1	1	4	5	4	4	4
2-4	2	5	4	4	3	4	4	4
2-5	0	0	0	1	2	2	~~3~~ 2	~~3~~ 2
2-6	2	2	?	2	2	2	3	3
2-7	1	2		1	1	1	1	1
2-8	0	1	1	2	2	3	3	3
2-9	1	1	1	2	3	3	2	3
2-10	0	0	0	0	0	1	1	1
7-1	0	0	0	0	0	0	0	0
7-2	0	0	0	0	0	0	0	0
7-3	0	0	1	0	0	0	0	0
7-4	1	1	1	1	1	2	1	1
7-5	0	0	0	0	0	0	0	0
7-6	0	1	2	3	3	3	3	3
7-7	15	17	17	17	17	16	16	15
7-8	0	3	4	4	5	5	5	6
7-9	6	8	8	8	8	7	7	7
7-10	9	9	10	10	10	10	~~11~~	~~11~~ 10

Appendix Table 3-E-2. Summary by zone, 10 minnow traps per zone, over 24 hours, Whisker's Creek and Slough, June 21-22, 1982.

		Elapsed Time (hours)							
	Zone	1	2	3	4	5	10	22	24
Cumulative Catch	1	5	12	13	13	15	12	12	13
	2	6	12	11	16	18	21	23	23
	7	31	29	43	43	44	43	42	42
	all	42	63	67	72	77	76	77	78
Percent of 24 hour catch	1	38.5	92.3	100.0	100.0	115.4	92.3	92.3	100.0
	2	26.1	52.2	47.8	69.6	78.3	91.3	100.0	100.0
	7	73.8	92.9	102.4	102.4	104.8	102.4	100.0	100.0
	all	53.8	80.8	85.9	92.3	98.7	97.4	98.7	100.0
Mean catch/ trap	1	0.5	1.3	1.3	1.3	1.5	1.2	1.3	1.4
	2	0.6	1.2	1.1	1.6	1.8	2.1	2.3	2.3
	7	3.1	3.9	4.3	4.3	4.4	4.3	4.2	4.2
	all	1.4	2.2	2.2	2.4	2.6	2.5	2.6	2.7



Appendix Figure 3-E-1. Cumulative catch of all species in 30 minnow traps during a 24 hour period at Whiskers Creek and Slough, June 21-22, 1982.

in any of the three zones. After examining the plot of cumulative catch versus time (Appendix Figure 3-E-1), a second test was run between 3 hours and 5 hours. Again, there were no differences in any of the three zones. Further, there was no difference in the catch when sampled at 3 hours or at 24 hours in zone 1 or in zone 7. However, there was a difference between 3 hours and 24 hours in zone 2.

IV. DISCUSSION

The results suggest that three hours was an adequate length of time to fish minnow traps. It would appear from the plot of cumulative catch versus time (Appendix Figure 3-E-1), that five hours would be a more appropriate length of time but the statistical analysis did not detect any differences between three hours and five hours.

The results also suggest that caution must be used when comparing minnow trap data from 1981 to minnow trap data of 1982, because of the one zone (zone 2) where a difference was noted between 3 hours and 24 hours.

This experiment was only undertaken at one location at one time and may not necessarily hold true for other places or time of season. The time of day that the traps are fished for the three hour period could have an effect; for example, there may be a time of day when feeding becomes more active so that a three hour period in the morning would yield different results from a three hour period in the evening.

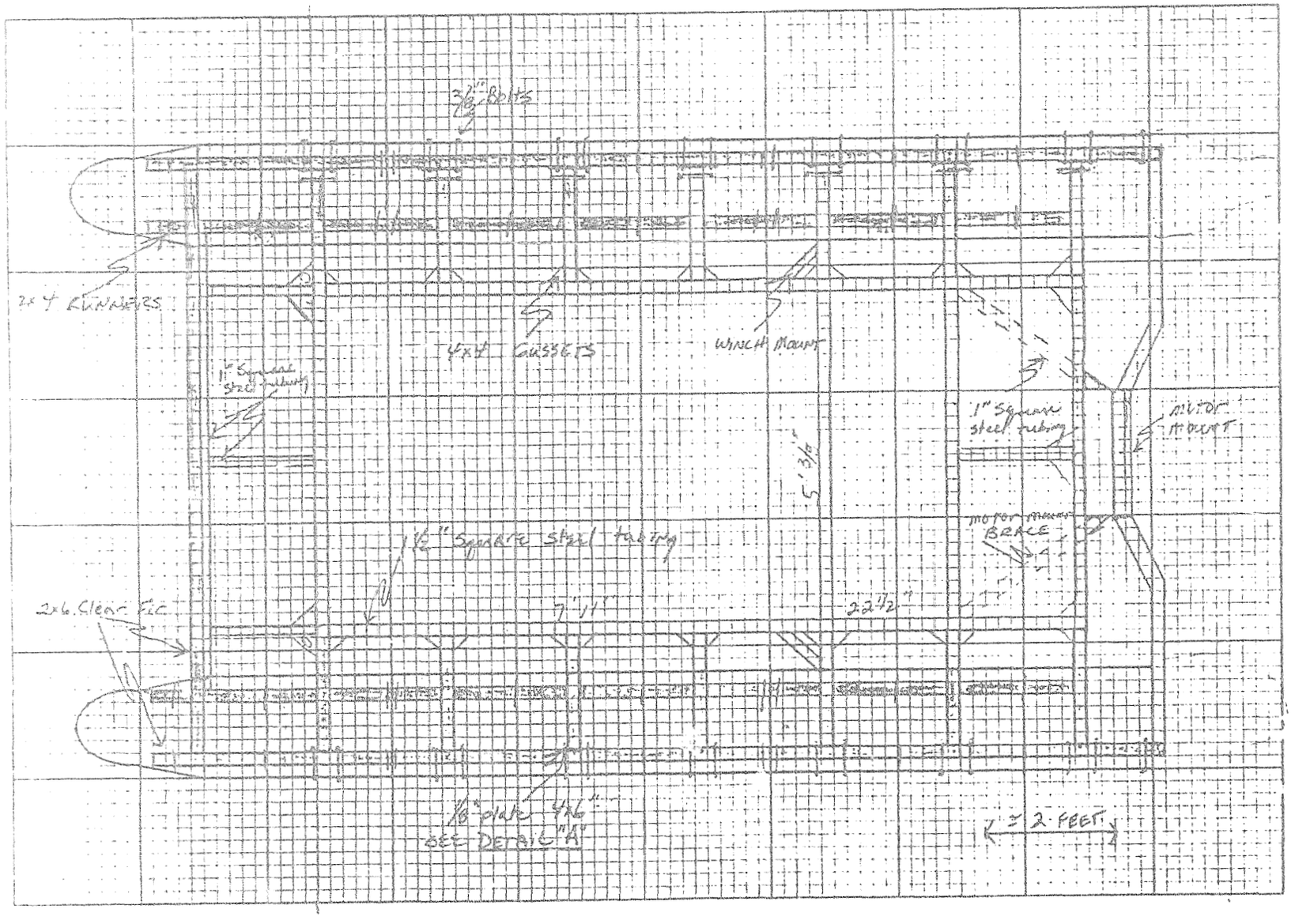
It is concluded that it is valid to compare the minnow trapping efforts from different sites and dates where fishing time varied between three and four hours, but that it may not be valid to compare 1981 data with 1982 data. This experiment should be repeated at other sites and time of season.

Appendix Report 3-F-1

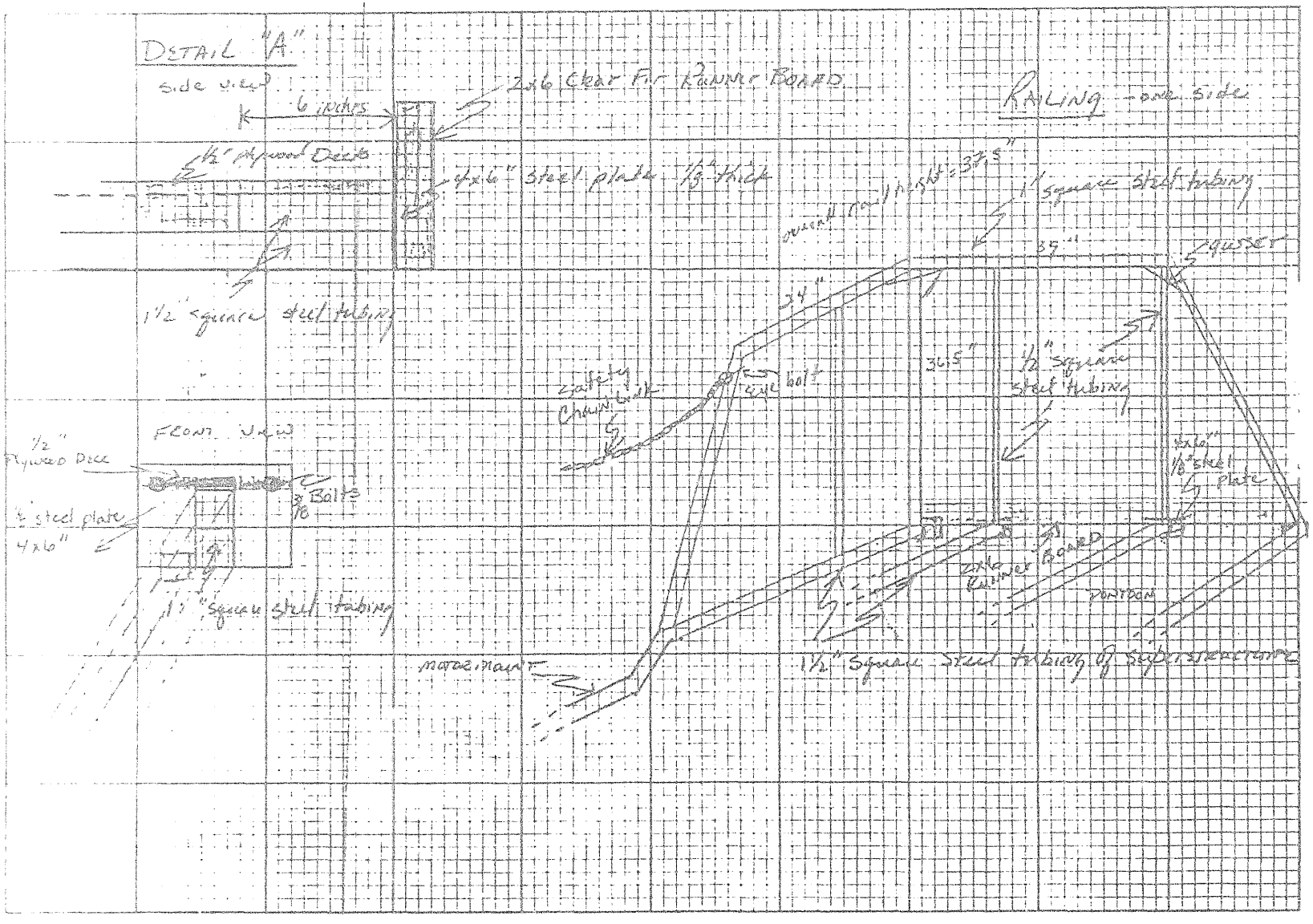
Downstream Migrant Trap Design, Construction, and Placement.

Surveys conducted during 1981 at specific habitat location sites and selected study sites utilized minnow traps as the primary technique for the collection of juvenile salmon. Beach seines and backpack electrofishing units were treated as opportunistic gear and were not consistently incorporated into the sampling program. It was observed during those studies, that although minnow traps collected adequate numbers of chinook and coho salmon juveniles, the other species of Pacific salmon including sockeye, chum, and pink salmon juveniles were not susceptible to this collection technique. The addition of the downstream migrant trap and the inclusion of beach seines and electrofishing equipment as standard sampling gear types during 1982 surveys resulted in the increased collection effectiveness for the five species of juvenile salmon present in the Susitna River.

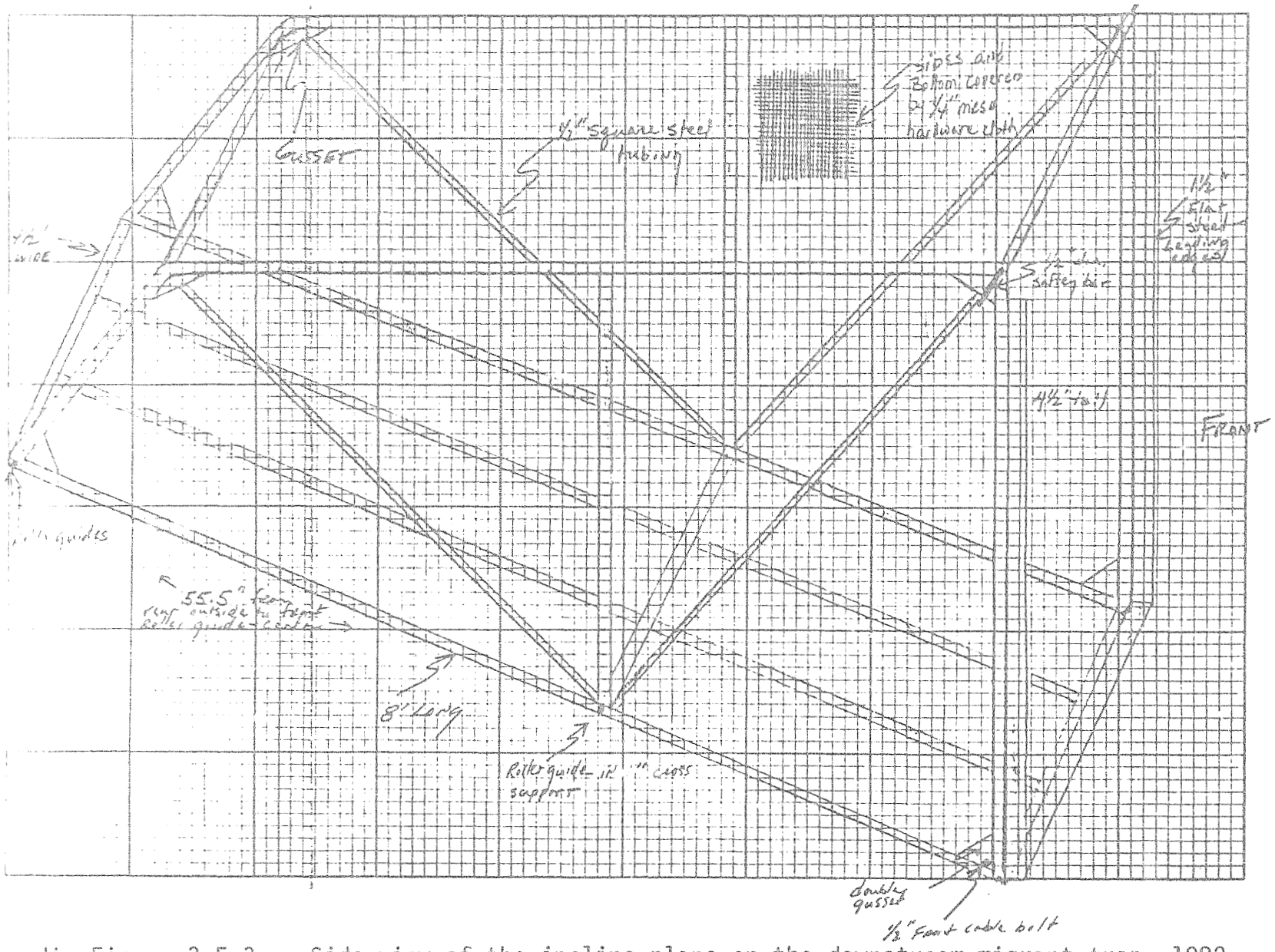
The downstream migrant trap provided a major addition to the sampling techniques during 1982. Design and construction details are shown in Appendix Figures 3-F-1, 3-F-2, and 3-F-3. At its location on the east bank of the Susitna River (RM 103.0) above the Chulitna River confluence, the trap provided a consistent and continuous method of collection of juvenile fishes emigrating downstream while necessitating only limited observation and maintenance during most survey periods. The design and construction of this particular trap enabled it to be maintained in operation and providing sampling effort even under severe flooding and debris load situations often experienced.



Appendix Figure 3-F-1. Top view of the downstream migrant trap superstructure, 1982.



Appendix Figure 3-F-2. Side view of the points of attachment for the pontoon floats and the safety railing on the downstream migrant trap, 1982.

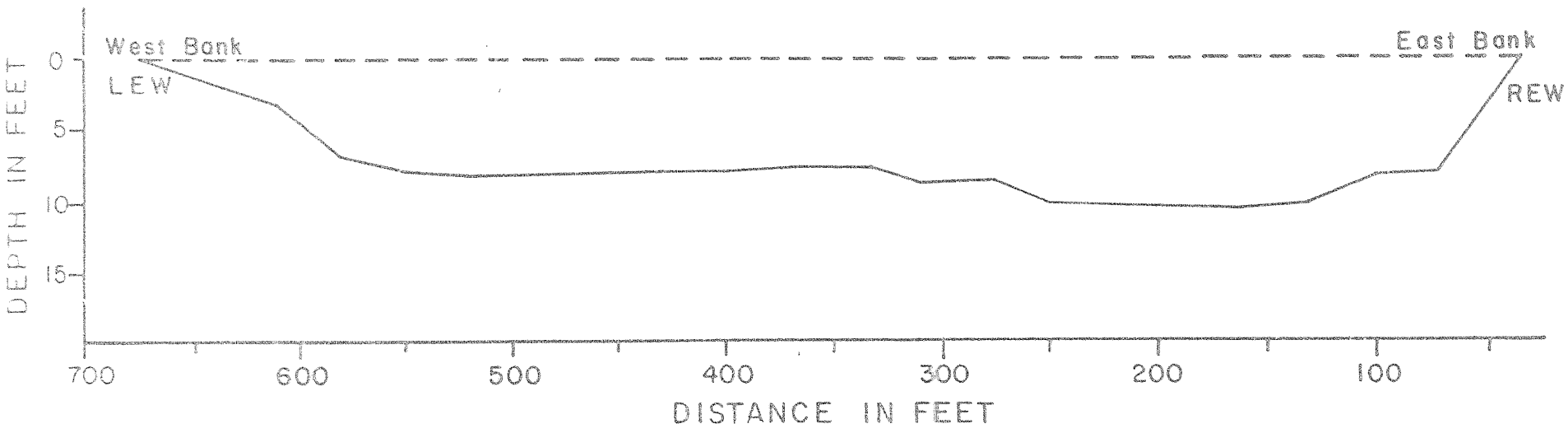


Appendix Figure 3-F-3. Side view of the incline plane on the downstream migrant trap, 1982.

Various experimental movements of the downstream migrant trap were conducted during 1982 to ascertain the optimum fishing conditions for the structure. Changes in trap depth from 0.5 to 3.5 feet and up were tested for variance in catch rates. Juvenile fishes were collected at each of the sampling depths tested with the deepest fishing depth providing the maximum catch rates. This was an expected result as the maximum amount of river flow was being sampled when the trap was set at the deepest point. No change in species composition was observed between the various depths tested, although an increase in the collection of bottom dwelling species including burbot and slimy sculpin was observed when the trap was fishing within 0.5 feet of the substrate.

Trap distance from shore was adjusted to determine the optimum fishing distance to maximize catch rates. The trap was adjustable between four and 23 feet from shore by adjusting the placement of the attached boom log. Maximum catch rates were recorded within 15 feet of the bank while a decline in catch was observed beyond this distance. Movement of the trap from the east bank to the west bank of the river resulted in a decline in catch rates. Channel morphology and flow conditions were primarily responsible for this decrease. The east bank of the Susitna River at the trap location has a steep gradient with deep water conditions and carries the predominant river flow past this point. The west bank, in comparison, has a more gradual gradient and provides only 2.5 feet of water for sampling (Appendix Figure 3-F-4).

No diurnal changes in catch rate for the downstream migrant trap were observed from June through September. The lack of an observed diurnal



Appendix Figure 3-F-4. Bottom profile of Susitna River at RM 103.3. USGS preliminary data - 37,348 cfs discharge on June 22, 1982.

movement during this period was probably a result of the extended photoperiods of the long summer days and short nights which do not provide an extensive night/day change in light conditions. Also, the high turbidity of the water prevents much of the light penetration and thus potentially diminishes the effects of photoperiods on daily migrational patterns.

The night period became more pronounced as the season progressed, and a diurnal pattern of downstream migration did develop. During late September and early October, the small numbers of fish captured were collected primarily during the evening fishing periods. Coho and sockeye salmon juveniles were the predominant species collected during these fall surveys. Also during this period, a substantial decrease in turbidity was recorded for the Susitna River at the trap site and may have influenced the increase in observation of a diurnal movement by allowing an increase in light penetration (Appendix Table 3-F-1).

Appendix Table 3-F-1 Recorded measurements of turbidity taken at the downstream migrant trap (RM 103.0), 1982.

Date		Time (Military)	Turbidity (NTU)	Date		Time (Military)	Turbidity (NTU)
August	14	1155	142	September	17	1315	128
	15	1645	199		18	1025	268
	16	1915	232		20	1430	154
	17	1300	228		21	1005	182
	20	1400	162		22	0925	284
	21	1800	163		23	1650	173
	24	1700	146		24	1430	155
	25	1900	202		25	0900	102
	26	1820	190		26	1630	71
	27	1220	162		27	1030	60
	28	1135	140		28	0800	48
	29	1000	140		29	1010	36
September	5	1045	48		30	1400	28
	6	1830	48	October	1	1900	23
	7	1100	39		2	1000	13
	8	1100	37		3	1300	13
	9	1005	36		5	1830	14
	10	1010	47		6	1350	12
	11	1300	49		7	1630	10
	12	0830	39		8	1250	10
	13	1110	35		9	1700	9
	14	1150	65		10	1815	8
	15	0915	73		11	1810	8
	16	1015	134		12	0835	8

Appendix Report 3-G-1

Length, Age, and Sex Summaries for Resident Fish

The length, age, and sex ratio data for resident fish collected in 1982 are presented by species in the following sections. The length frequencies given are not meant to portray population length frequencies as they are heavily influenced by collection methods used to capture individuals of a given species. Hook and line sampling and boat electrofishing, for instance, are methods which typically sample the larger fish of a given species. Downstream migrant traps, on the other hand, capture mostly young of the year fish. Length frequency plots pool all fish measured regardless of method of capture. Sex ratios determined may also not be indicative of population sex ratios as they are based on small sample sizes.

Rainbow Trout

The length frequency plot of all rainbow trout measured shows that most of the fish captured ranged from 150-450 mm in fork length (Appendix Figure 3-G-1). Fork lengths of 274 rainbow trout measured from May to October, 1982 ranged from 25 mm to 550 mm, with a mean of 301 mm. Young of the year rainbow trout ranged to approximately 80 mm in fork length. The sex ratio of 33 necropsied sampling mortalities was 18 (55%) females and 15 (45%) males. The necropsied females ranged from 195-519 mm in fork length with a mean of 337.8 mm while the males ranged from 225-426 mm with a mean of 325.4 mm.

Scale analysis was used to determine the ages of 167 rainbow trout captured between Cook Inlet and Devil Canyon (Appendix Table 3-G-1). Ages ranged from two to nine. A graphical representation of the data reveals that rainbow trout grew steadily among the age classes sampled (Appendix Figure 3-G-2). Aged fish captured above the Chulitna River confluence were larger than fish captured below the confluence in the older age classes.

Arctic Grayling

Fork lengths of 967 Arctic grayling measured from May to October 1982 ranged from 29 mm to 414 mm, with a mean of 200 mm (Appendix Figure 3-G-3). Arctic grayling between 100 mm and 240 mm fork length occurred most often. Young of the year ranged to approximately 80 mm fork length.

Sixty-two Arctic grayling that were captured between Cook Inlet and the Chulitna River confluence were aged using scale analysis while 398 were aged that were caught between the confluence and Devil Canyon. Arctic grayling analyzed for age composition ranged from age 0+ to age VIII with ages I (35.5%) and II (35.5%) being sampled most often below the confluence and ages II (30.2%) and III (34.2%) above the confluence (Appendix Table 3-G-2). Appendix Figure 3-G-4 illustrates the average length and range of lengths for each age class of Susitna River Arctic grayling sampled from May to October, 1982.

In addition, one Arctic grayling was aged that was captured at RM 53.5 during winter 1981-1982 field season. This fish was a six-year old male with a fork length of 318 mm.

Twenty-seven Arctic grayling mortalities were necropsied for sex determination. The sex ratio was 52 percent (14) males and 48 percent (13) females. The males ranged from 204-400 mm in fork length with a mean of 274 mm while the females ranged from 151-387 mm with a mean of 252 mm.

Burbot

Total lengths of 442 burbot measured during 1982 sampling ranged from 17 mm to 905 mm with a mean of 369 mm. (Appendix Figure 3-G-5). Most of the fish measured ranged from 350 mm to 500 mm in total length. Fish between 15-100 mm were sampled with high relative frequency in the downstream migrant trap.

Eighty-one adult burbot were necropsied for sex determination and otoliths were removed for aging. The burbot sampled ranged to 12 years of age (Appendix Figure 3-G-6). The dominant age classes were III, IV, and V year olds, representing 13.5 percent, 26.5 percent and 16.9 percent of the aged individuals respectively (Appendix Table 3-G-3). The sex ratio of 77 burbot necropsied was 40.3 percent (31) males and 59.7 percent (46) females.

Round Whitefish

Fork lengths of 2,050 round whitefish measured during 1982 ranged from 22 mm to 444 mm with a mean of 191 mm. Appendix Figure 3-G-7 illustrates the length frequency distribution for all round whitefish measured from May to October. Round whitefish between 22 mm and 50 mm fork length occurred most often followed by those from 190 - 360 mm.

One hundred fifty-three round whitefish captured between Cook Inlet and the Chulitna River confluence were aged using scale analysis while another 431 caught between the confluence and Devil Canyon were aged. Round whitefish analyzed for age composition ranged from age 0+ to age IX. In the reach of river below the confluence ages II (21.6%), III (17.7%), and IV (23.0%) predominate while ages III (20.2%) and IV (23.0%) predominate above the confluence (Appendix Table 3-G-4). Appendix Figure 3-G-8 illustrates the average length and range of lengths for each age class of Susitna River round whitefish sampled in 1982.

In addition, 43 round whitefish were examined for sex composition with 55.8 percent (24) being male and 44.2 percent (19) being female. The males ranged from 185 - 385 mm in fork length with a mean of 276.5 mm while the females ranged from 188 - 425 mm in fork length with a mean of 290.0 mm.

Humpback Whitefish

The fork lengths of 373 humpback whitefish measured ranged from 46 mm to 488 mm with a mean length of 310.9 mm. A length-frequency plot reveals that humpback whitefish were most frequently sampled in the adult (fork length over 250 mm) and 0+ age classes (fork length under 100 mm) (Appendix Figure 3-G-9).

Scale analysis was used to determine the ages of 116 humpback whitefish (Appendix Table 3-G-5). The fish sampled ranged in age to ten years. A plot of age versus fork length reveals that the humpback whitefish is slow growing with a wide range of fork lengths for a given age class (Appendix Figure 3-G-10).

The sex of 35 humpback whitefish was determined by necropsy, and 20 (57%) were males and 15 (43%) were females. The males ranged from 229-399 mm in fork length with a mean of 338.7 mm while the females ranged from 211-461 mm in fork length with a mean of 326.4 mm.

Longnose Suckers

A length-frequency distribution of all longnose suckers measured shows that most fish sampled were approximately 230 mm to 360 mm in length (Appendix Figure 3-G-11). Fork lengths of 1,081 longnose suckers sampled ranged from 21 mm to 448 mm. The sex of 64 longnose suckers was determined and 61 percent (39) were males and 39 percent (25) were females. The males ranged from 225 - 416 mm in fork length with a mean

of 328 mm while the females ranged from 280 - 405 mm in fork length with a mean of 344 mm. Young of the year longnose suckers ranged from 21 mm to approximately 100 mm in length.

Scale analysis was used to determine the ages of 373 longnose suckers (Appendix Table 3-G-6). Mean fork lengths of longnose suckers at a given age were almost identical above and below the Chulitna River confluence except for fish of age VII and VIII (Appendix Figure 3-G-12). In these two age classes, longnose suckers sampled below the confluence had average lengths larger than those sampled above the confluence.

Dolly Varden

The fork length of 97 Dolly Varden were recorded and have been incorporated into a length frequency curve (Appendix Figure 3-G-13). Lengths ranged from 30 mm to 465 mm. The mean length of the Dolly Varden sampled was 237 mm.

Scales of Dolly Varden are too small to be ready by conventional scale analysis techniques so otoliths were taken from sampling mortalities. Since these mortalities were so few in number, only four fish were aged.

Two of these fish were three-year old males that were 292 mm and 250 mm in fork length while the other two consisted of a four-year old female 290 mm in fork length, and an age I immature with a fork length of 128 mm. All four were captured above the confluence of the Chulitna River.

Threespine Stickleback

Total lengths were measured on 214 of the threespine stickleback captured. Lengths ranged from 19 mm to 90 mm with a mean of 44.4 mm. A length frequency distribution revealed three age classes of threespine stickleback (Appendix Figure 3-G-14). The figure also indicates the catch consisted predominantly of age 0+ fish.

Slimy Sculpin

No age or sex composition data were obtained concerning slimy sculpin. A length frequency distribution (Appendix Figure 3-G-15) reveals several probable age classes. Six hundred and three slimy sculpins were measured, total lengths ranged from 13 mm to 105 mm with a mean of 53.1 mm.

Arctic Lamprey

Lengths of 57 Arctic lamprey measured ranged from 84-290 mm with a mean length of 131.3 mm. (Appendix Figure 3-G-16). Only two Arctic lamprey sampled in 1982 were longer than 180 mm. Two lampreys were captured while attached to other fish and they were less than 120 mm in length. No information on age distribution or sex ratios was obtained.

Appendix Table 3-C-1. Rainbow trout age-length relationships on the Susitna River between Cook Inlet and Devil Canyon, May to October, 1982.

	Cook Inlet to Chulitna Confluence			Chulitna Confluence to Devil Canyon			Cook Inlet to Devil Canyon		
Age (Years)	Total No. of Fish Sampled	Mean Length (mm)	Range of Length (mm)	Total No. of Fish Sampled	Mean Length (mm)	Range of Length (mm)	Total No. of Fish Sampled	Mean Length (mm)	Range of Length (mm)
0	-	-	-	-	-	-	-	-	-
I	-	-	-	-	-	-	-	-	-
II	10	207	166-250	9	174	155-215	19	191	155-250
III	8	248	195-285	22	226	175-282	30	232	175-285
IV	7	280	217-323	51	301	225-360	58	298	217-360
V	5	315	258-360	28	343	252-430	33	339	252-430
VI	3	343	323-362	13	417	365-445	16	403	323-445
VII	1	425	-	7	488	463-519	8	480	425-519
VIII	1	466	-	-	-	-	1	466	-
IX	-	-	-	2	520	490-550	2	520	490-550
Total	35	272	166-362	132	313	155-550	167	304	155-550

Appendix Table 3-C-2. Arctic grayling age-length relationships on the Susitna River between Cook Inlet and Devil Canyon, May to September, 1982.

Age (Years)	Cook Inlet to Chulitna Confluence			Chulitna Confluence to Devil Canyon			Cook Inlet to Devil Canyon		
	Total No. of Fish Sampled	Mean Length (mm)	Range of Length (mm)	Total No. of Fish Sampled	Mean Length (mm)	Range of Length (mm)	Total No. of Fish Sampled	Mean Length (mm)	Range of Length (mm)
0	1	122	-	-	-	-	1	122	-
I	22	126	91-157	28	120	62-154	50	123	62-157
II	22	198	110-246	120	165	126-231	142	170	110-246
III	8	235	215-250	136	220	159-295	144	221	159-295
IV	4	283	280-285	53	257	198-333	57	259	198-333
V	1	332	-	33	318	269-355	34	318	269-355
VI	3	348	330-362	21	344	290-395	24	345	290-395
VII	1	370	-	7	359	295-387	8	360	295-387
Total	62	194	91-370	398	218	62-387	460	215	62-387

Appendix Table 3-C-3. Burbot age-length relationships on the Susitna River between Cook Inlet and Devil Canyon, February to September, 1982.

	Cook Inlet to Chulitna Confluence			Chulitna Confluence to Devil Canyon			Cook Inlet to Devil Canyon		
Age (Years)	Total No. of Fish Sampled	Mean Length (mm)	Range of Length (mm)	Total No. of Fish Sampled	Mean Length (mm)	Range of Length (mm)	Total No. of Fish Sampled	Mean Length (mm)	Range of Length (mm)
0	-	-	-	2	108	102-114	2	108	102-114
I	-	-	-	-	-	-	-	-	-
II	-	-	-	-	-	-	-	-	-
III	1	450	-	7	353	322-395	8	365	322-450
IV	7	462	405-509	4	434	415-460	11	452	405-509
V	9	482	445-530	13	459	378-500	22	468	378-530
VI	6	530	449-710	8	491	440-555	14	508	440-710
VII	3	504	425-550	5	464	394-505	8	479	394-550
VII	3	622	555-715	5	563	491-647	8	585	491-715
IX	2	622	572-671	3	644	570-780	5	635	570-780
X	-	-	-	2	595	500-690	2	595	500-690
XI	-	-	-	2	703	665-740	2	703	665-740
XII	-	-	-	1	790	-	1	790	-
Total	31	510	405-715	52	476	102-790	83	489	102-790

Appendix Table 3-G-4. Round whitefish age-length relationships on the Susitna River between Cook Inlet and Devil Canyon, May to September, 1982.

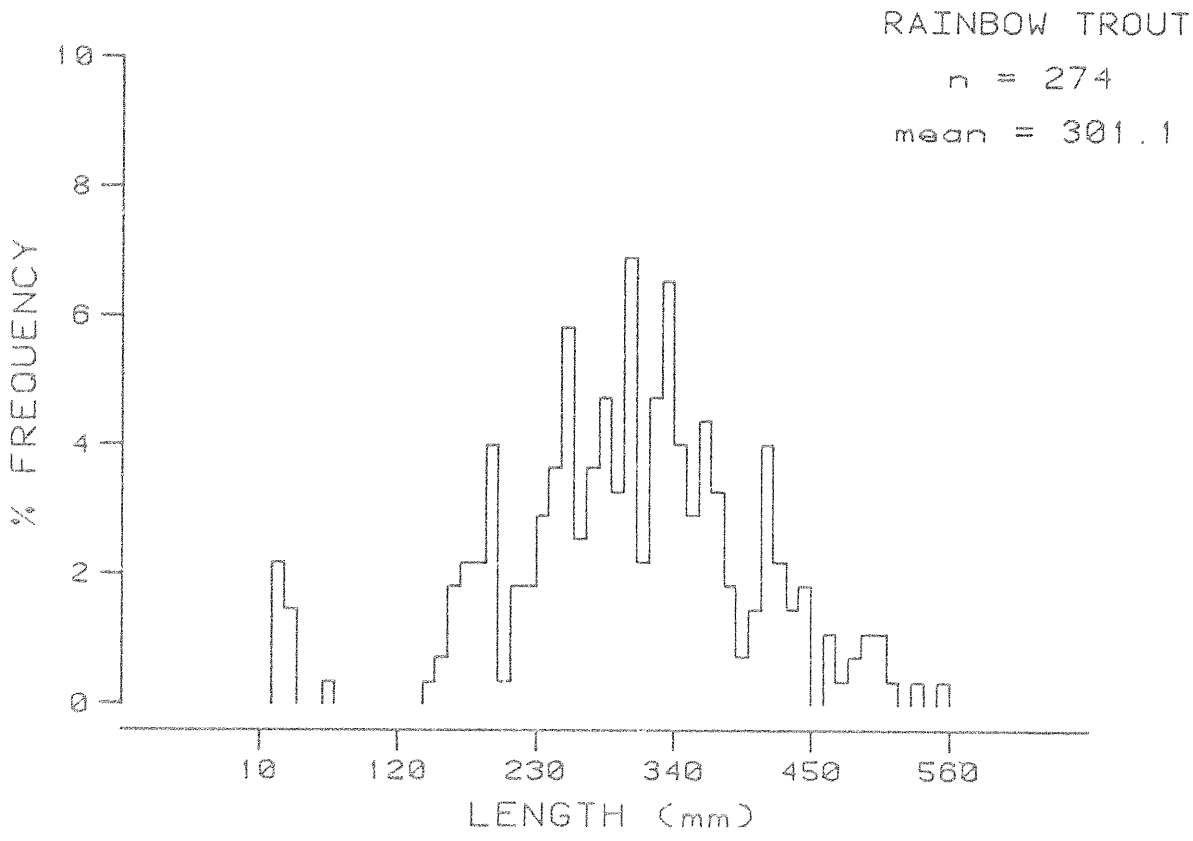
	Cook Inlet to Chulitna Confluence			Chulitna Confluence to Devil Canyon			Cook Inlet to Devil Canyon		
Age (Years)	Total No. of Fish Sampled	Mean Length (mm)	Range of Length (mm)	Total No. of Fish Sampled	Mean Length (mm)	Range of Length (mm)	Total No. of Fish Sampled	Mean Length (mm)	Range of Length (mm)
0	-	-	-	7	80	50-94	7	80	50-94
I	7	106	87-130	56	102	67-160	63	102	67-160
II	33	149	107-233	34	161	135-181	67	155	107-233
III	27	210	166-262	87	212	168-261	114	212	166-262
IV	24	240	214-297	99	251	195-301	123	249	195-301
V	20	282	253-305	60	295	240-357	80	292	240-357
VI	11	330	292-357	44	315	264-360	55	318	264-360
VII	18	343	313-375	29	345	315-385	47	344	313-385
VIII	10	368	347-393	9	376	340-412	19	372	340-412
IX	3	401	398-406	6	389	369-425	9	393	369-425
Total	153	245	87-406	431	237	50-425	584	239	50-425

Appendix Table 3-C-5. Humpback whitefish age-length relationships on the Susitna River between Cook Inlet and Devil Canyon, May to September, 1982.

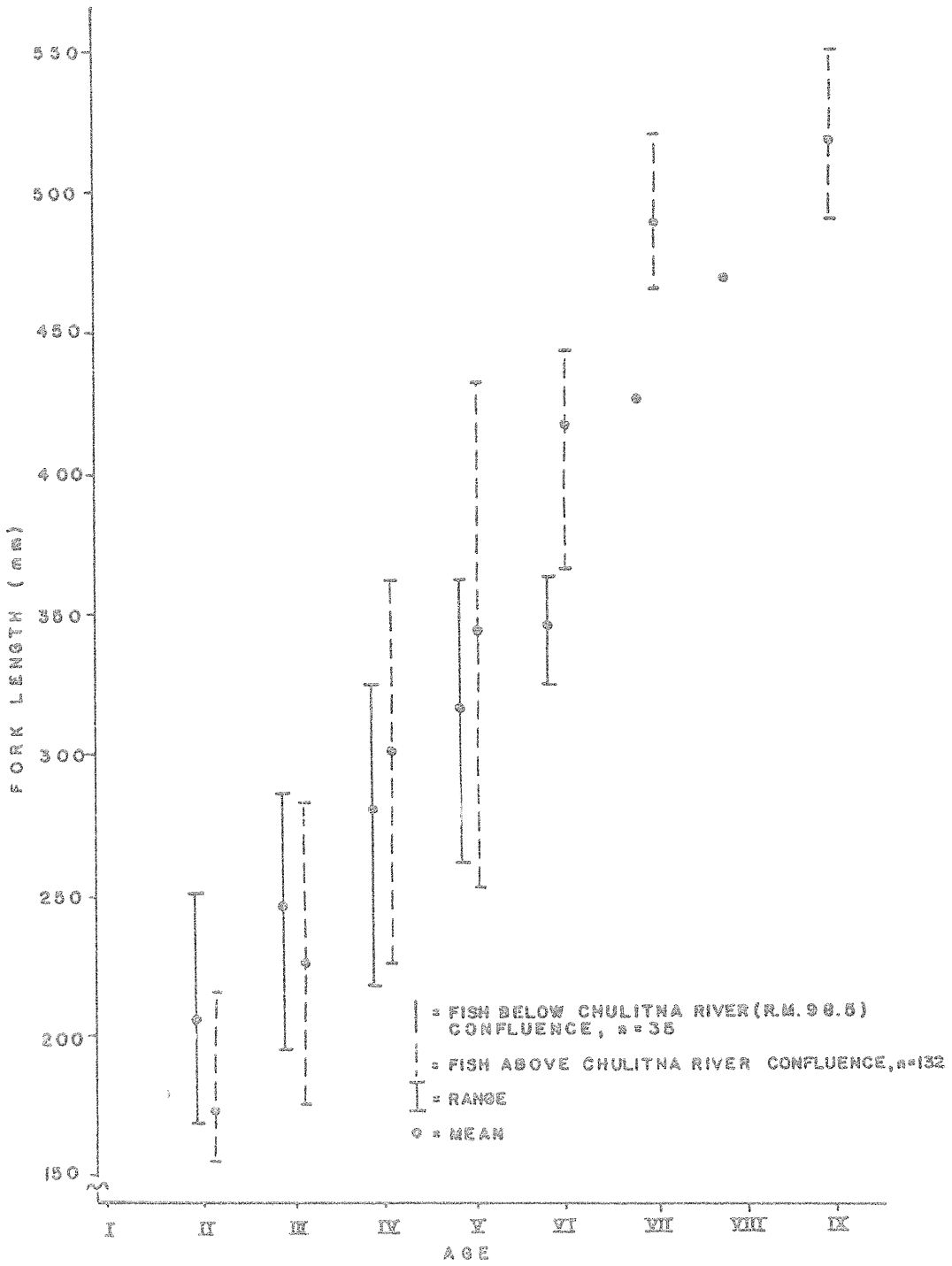
	Cook Inlet to Chulitna Confluence			Chulitna Confluence to Devil Canyon			Cook Inlet to Devil Canyon		
Age (Years)	Total No. of Fish Sampled	Mean Length (mm)	Range of Length (mm)	Total No. of Fish Sampled	Mean Length (mm)	Range of Length (mm)	Total No. of Fish Sampled	Mean Length (mm)	Range of Length (mm)
0	-	-	-	1	82	-	1	82	-
I	4	127	93-159	1	106	-	5	123	93-159
II	4	194	178-211	-	-	-	4	194	178-211
III	7	247	219-309	10	289	255-300	17	272	219-309
IV	6	288	265-310	26	289	230-346	32	289	230-346
V	6	293	258-318	14	324	293-368	20	315	258-368
VI	7	345	315-438	6	368	283-410	13	356	283-438
VII	5	343	306-391	2	338	300-376	7	342	300-391
VIII	10	374	338-400	-	-	-	10	374	338-400
IX	5	394	374-441	-	-	-	5	394	374-441
X	2	428	395-461	-	-	-	2	428	395-461
Total	56	307	93-461	60	300	230-410	116	303	93-461

Appendix Table 3-G-6. Longnose sucker age-length relationships on the Susitna River between Cook Inlet and Devil Canyon, May to September, 1982.

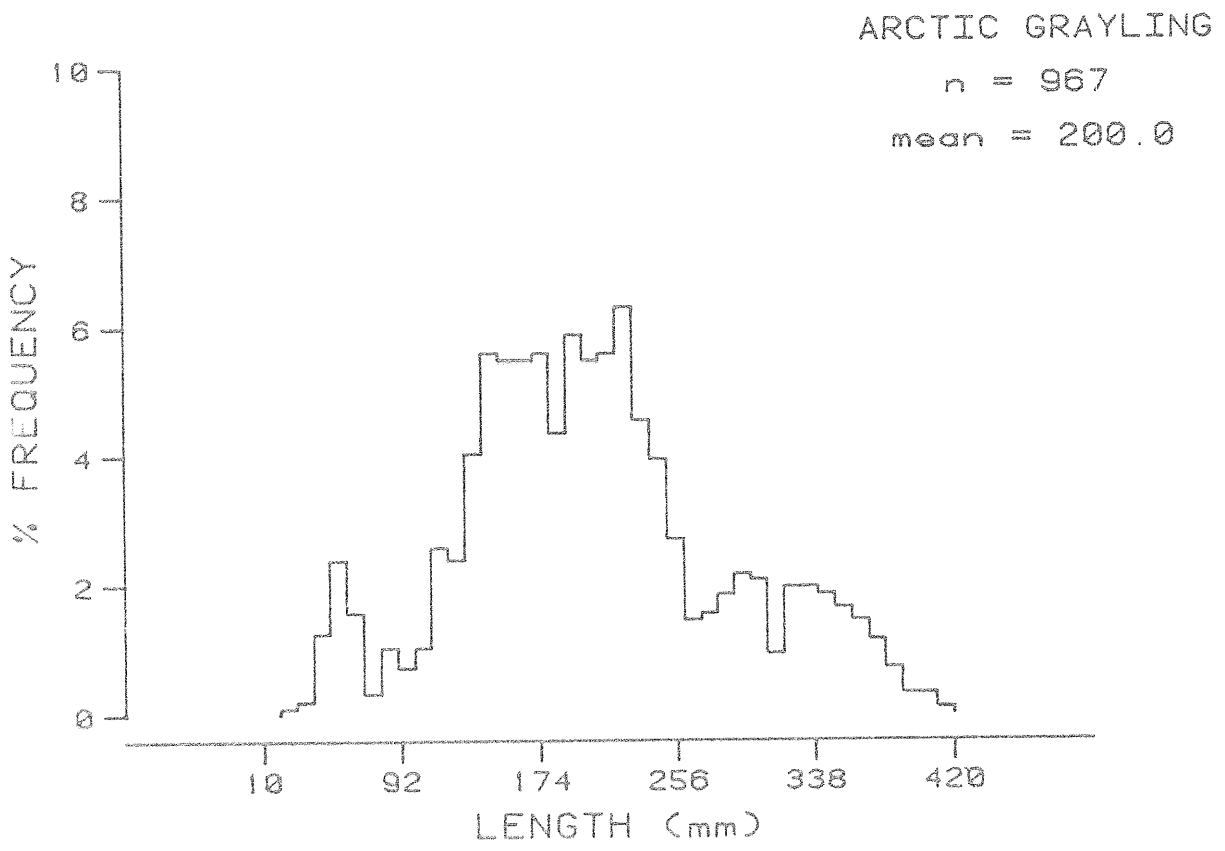
Age (Years)	Cook Inlet to Chulitna Confluence			Chulitna Confluence to Devil Canyon			Cook Inlet to Devil Canyon		
	Total No. of Fish Sampled	Mean Length (mm)	Range of Length (mm)	Total No. of Fish Sampled	Mean Length (mm)	Range of Length (mm)	Total No. of Fish Sampled	Mean Length (mm)	Range of Length (mm)
0	-	-	-	-	-	-	-	-	-
I	2	109	105-112	10	88	60-121	12	92	60-121
II	3	151	122-176	5	150	118-208	8	150	118-208
III	14	205	158-241	6	216	203-230	20	208	158-241
IV	36	266	220-308	17	268	240-310	53	267	220-310
V	62	296	236-368	51	296	250-348	113	296	236-368
VI	64	330	253-393	52	333	280-388	116	331	253-393
VII	15	370	340-411	19	354	305-380	34	361	305-411
VIII	8	405	338-448	9	377	363-400	17	390	338-448
Total	204	301	105-448	169	296	60-400	373	299	60-448



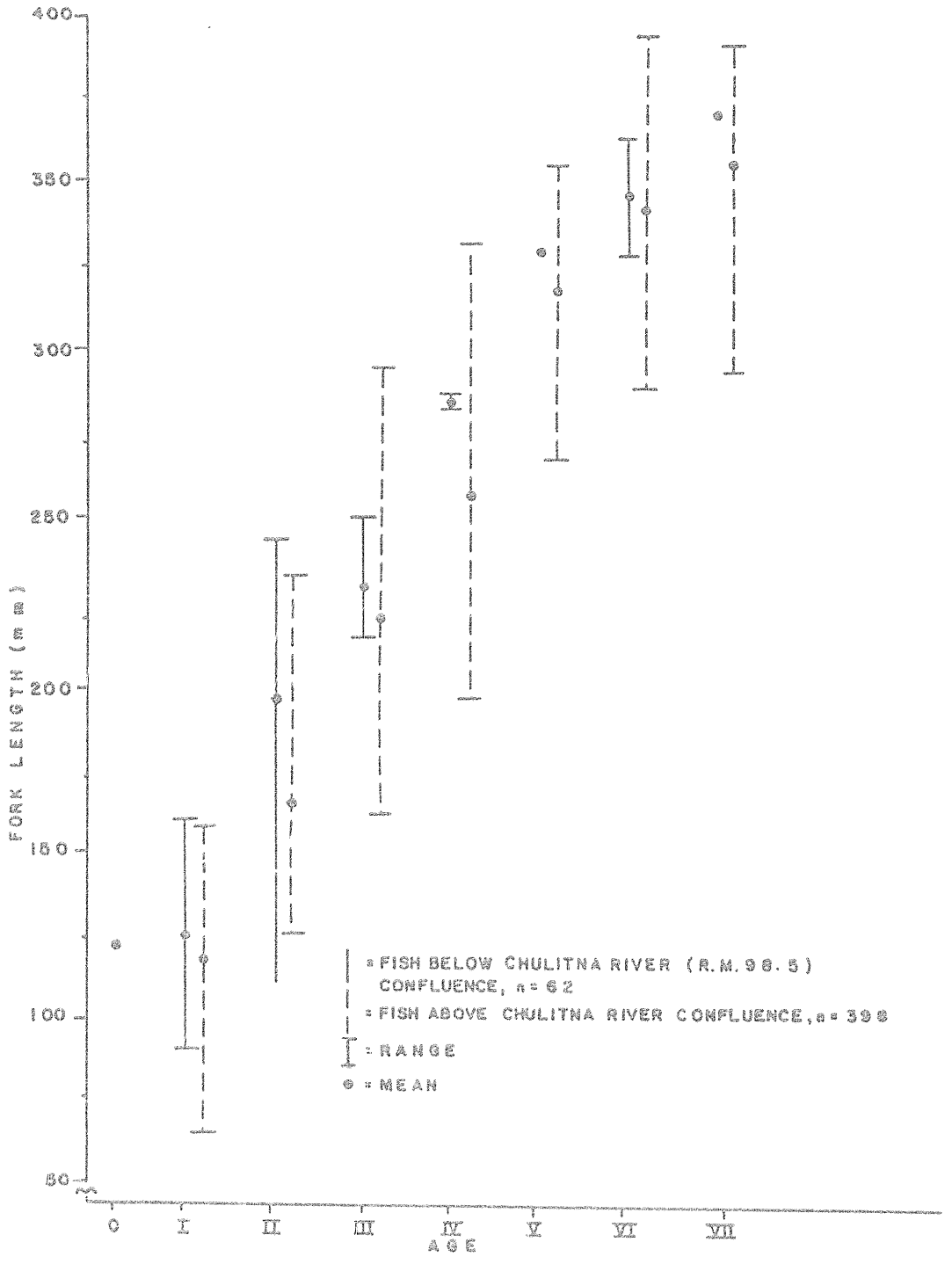
Appendix Figure 3-G-1. Length frequency composition of rainbow trout captured in the Susitna River between Cook Inlet and Devil Canyon, May to October, 1982.



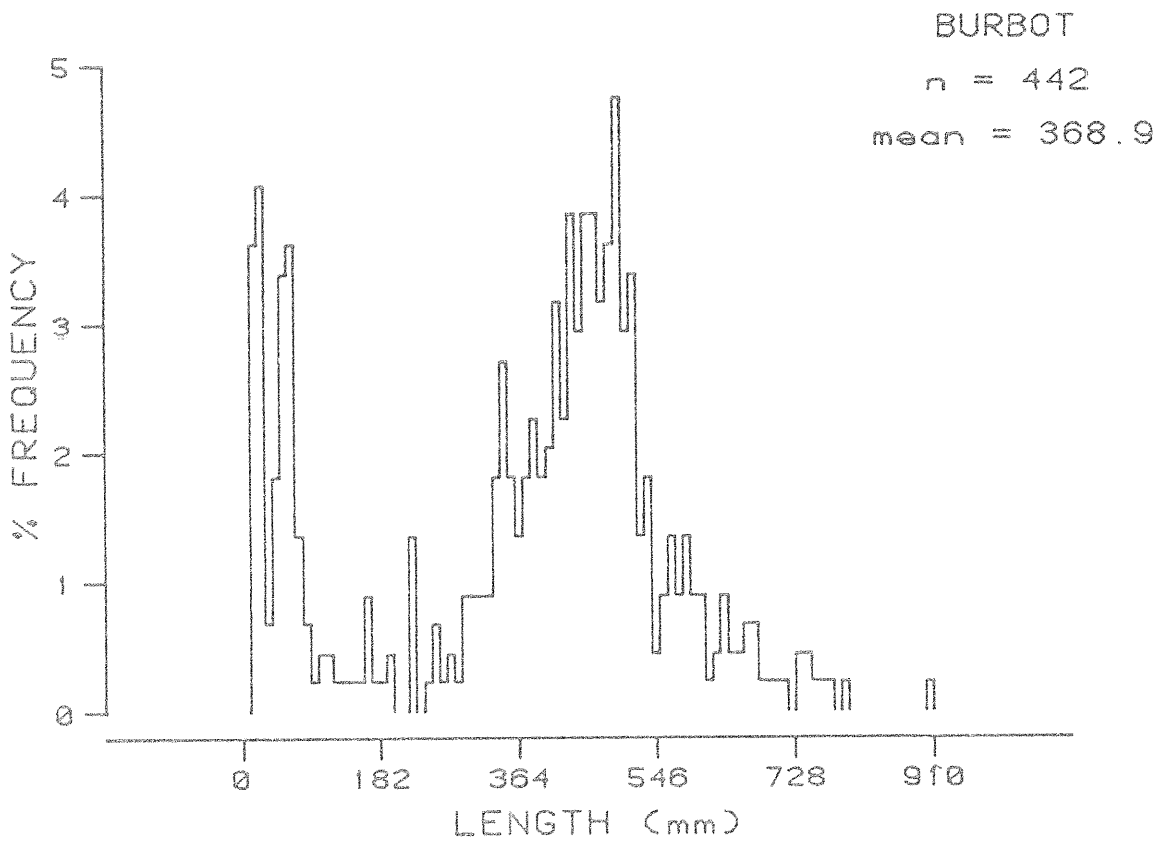
Appendix Figure 3-G-2. Age length relationship for rainbow trout captured in the Susitna River between Cook Inlet and Devil Canyon, May to October, 1982.



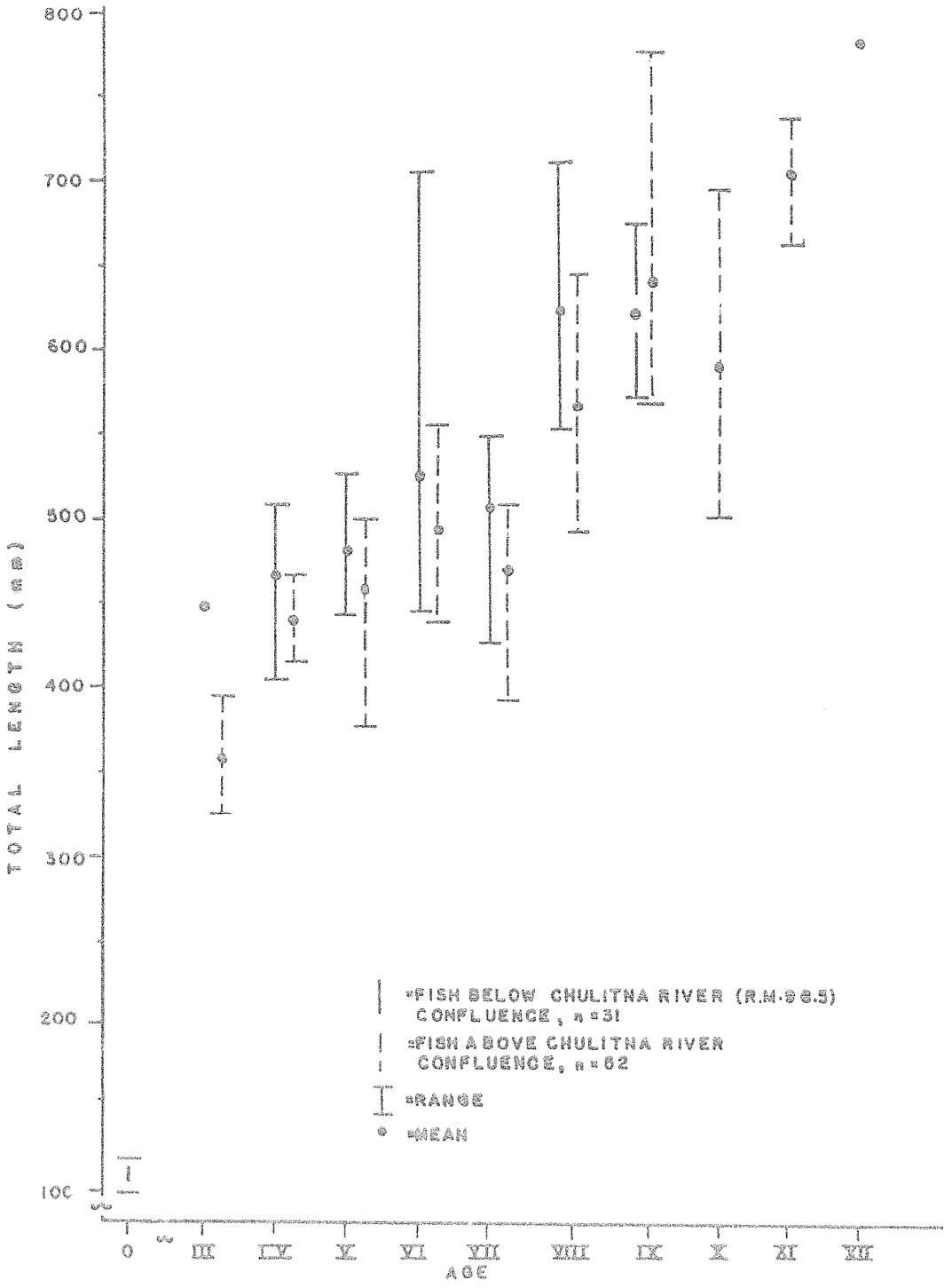
Appendix Figure 3-G-3. Length frequency composition of Arctic grayling captured in the Susitna River between Cook Inlet and Devil Canyon, May to October, 1982.



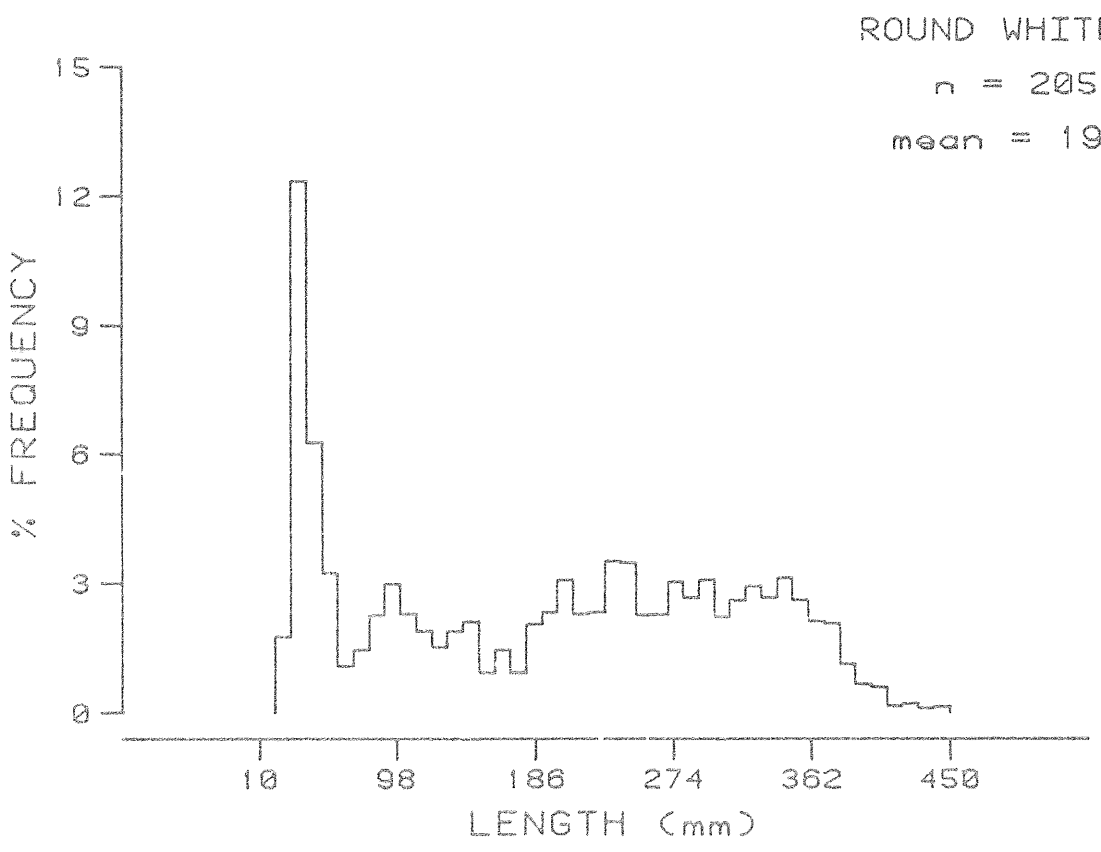
Appendix Figure 3-G-4. Age and length relationship for Arctic grayling captured in the Susitna River between Cook Inlet and Devil Canyon, May to October, 1982.



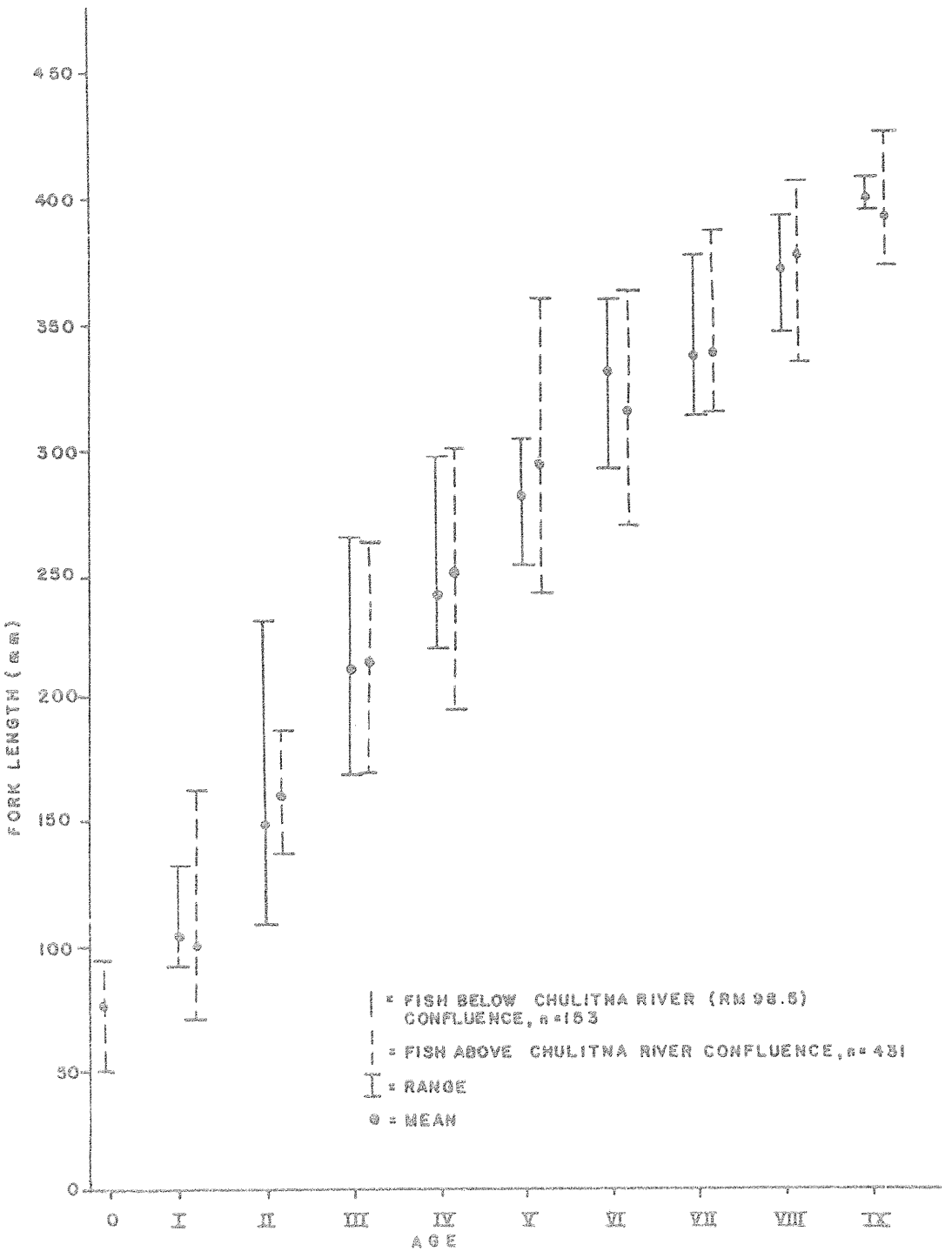
Appendix Figure 3-G-5. Length frequency composition of burbot captured in the Susitna River between Cook Inlet and Devil Canyon, May to October, 1982.



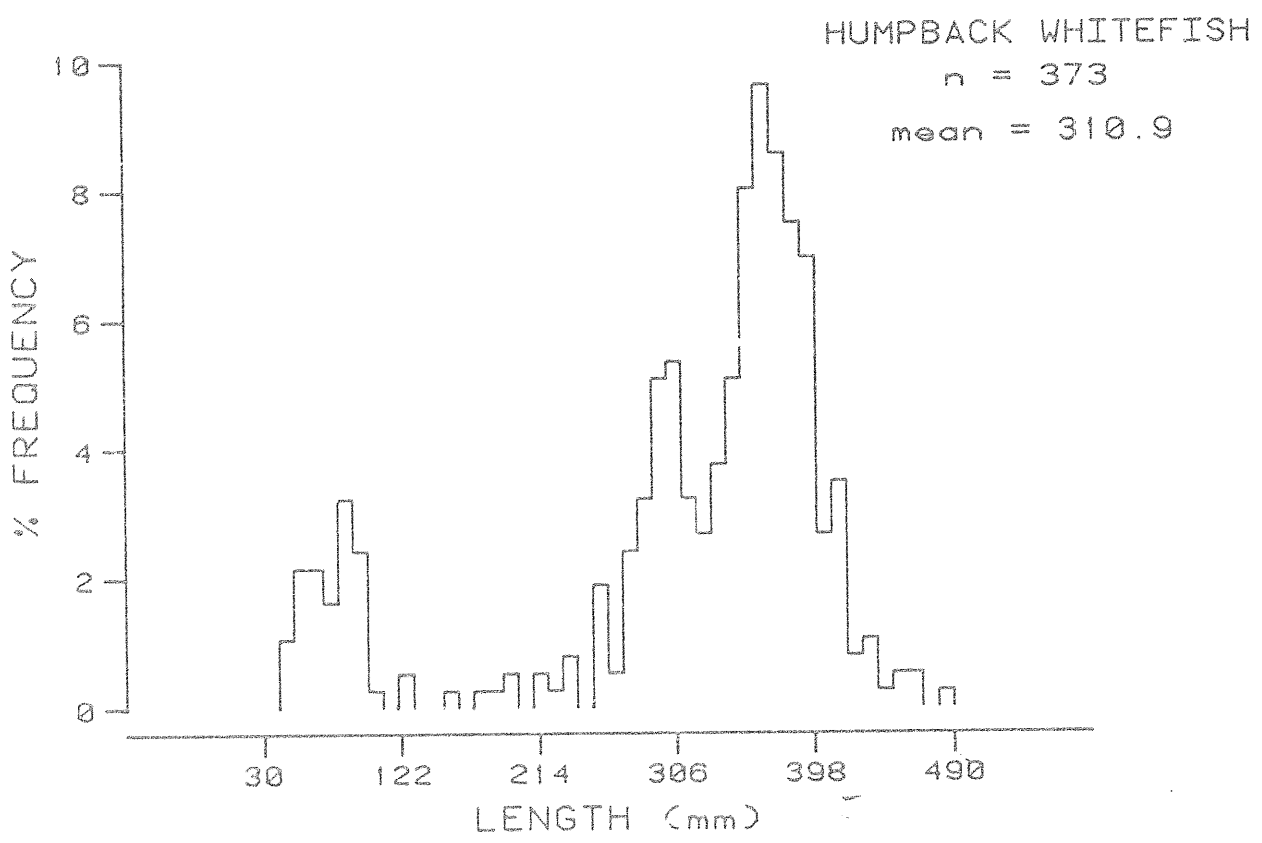
Appendix Figure 3-G-6. Age and length relationship for burbot captured in the Susitna River between Cook Inlet and Devil Canyon, February to October, 1982.



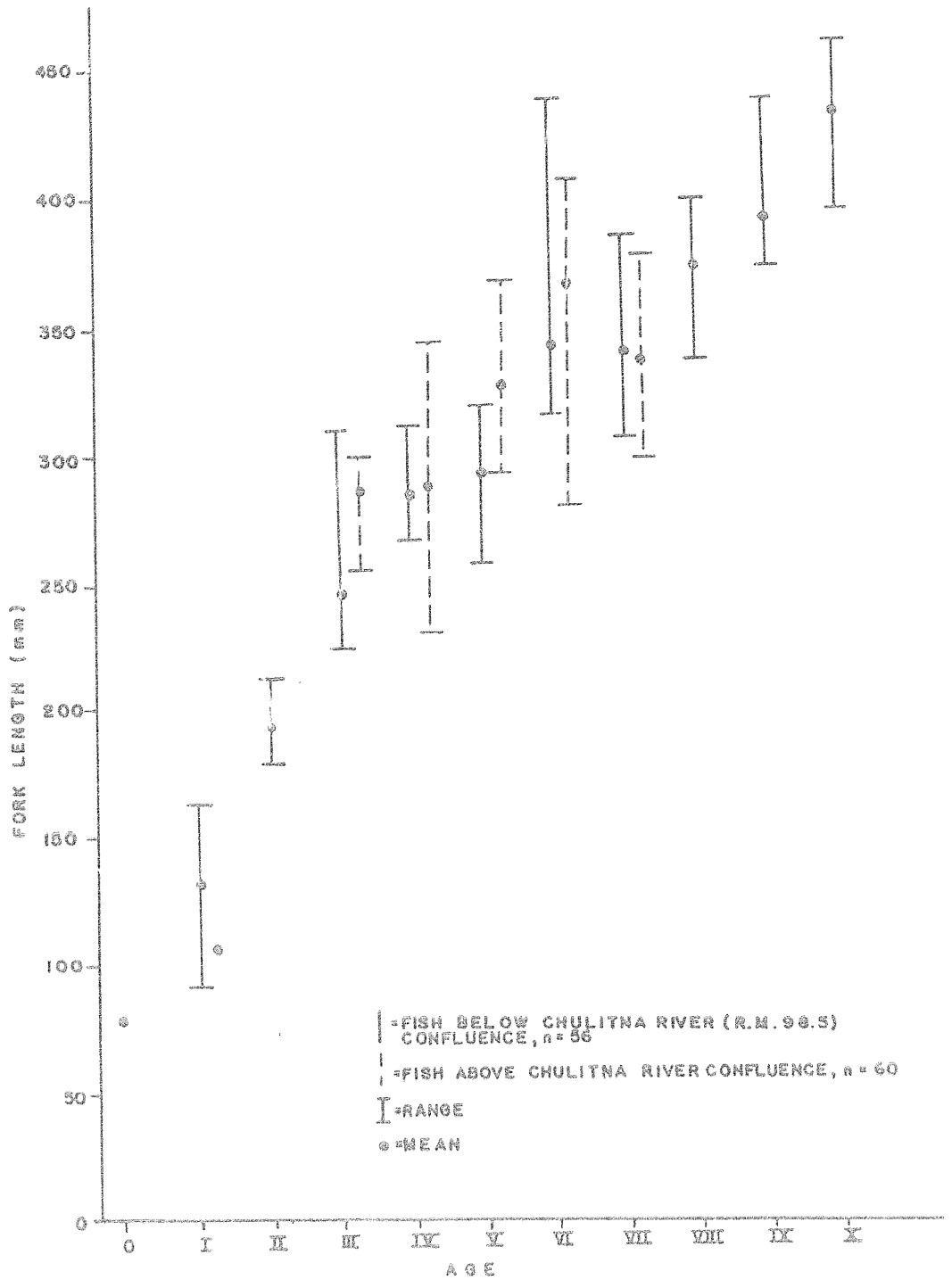
Appendix Figure 3-G-7. Length frequency composition of round whitefish captured in the Susitna River between Cook Inlet and Devil Canyon, May to October, 1982.



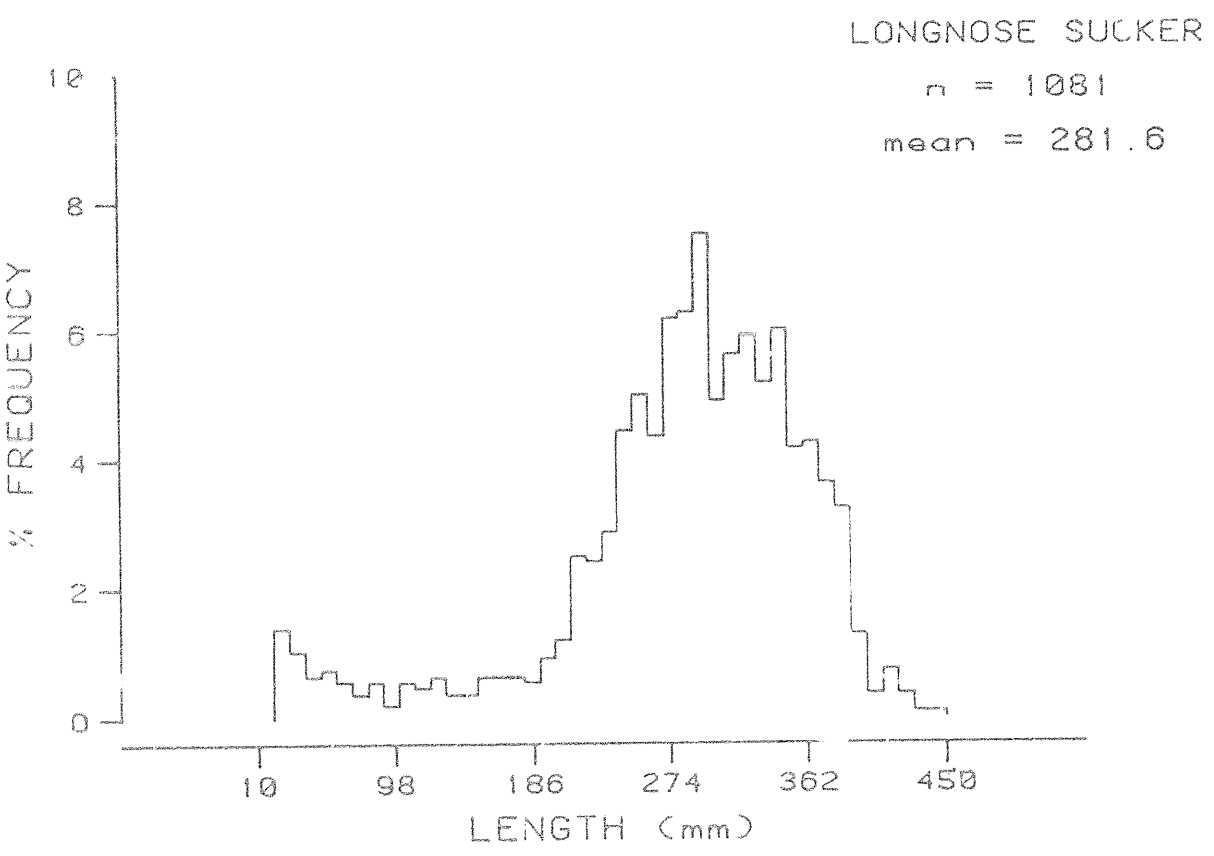
Appendix Figure 3-G-8. Age and length relationship for round whitefish captured in the Susitna River between Cook Inlet and Devil Canyon, May to October, 1982.



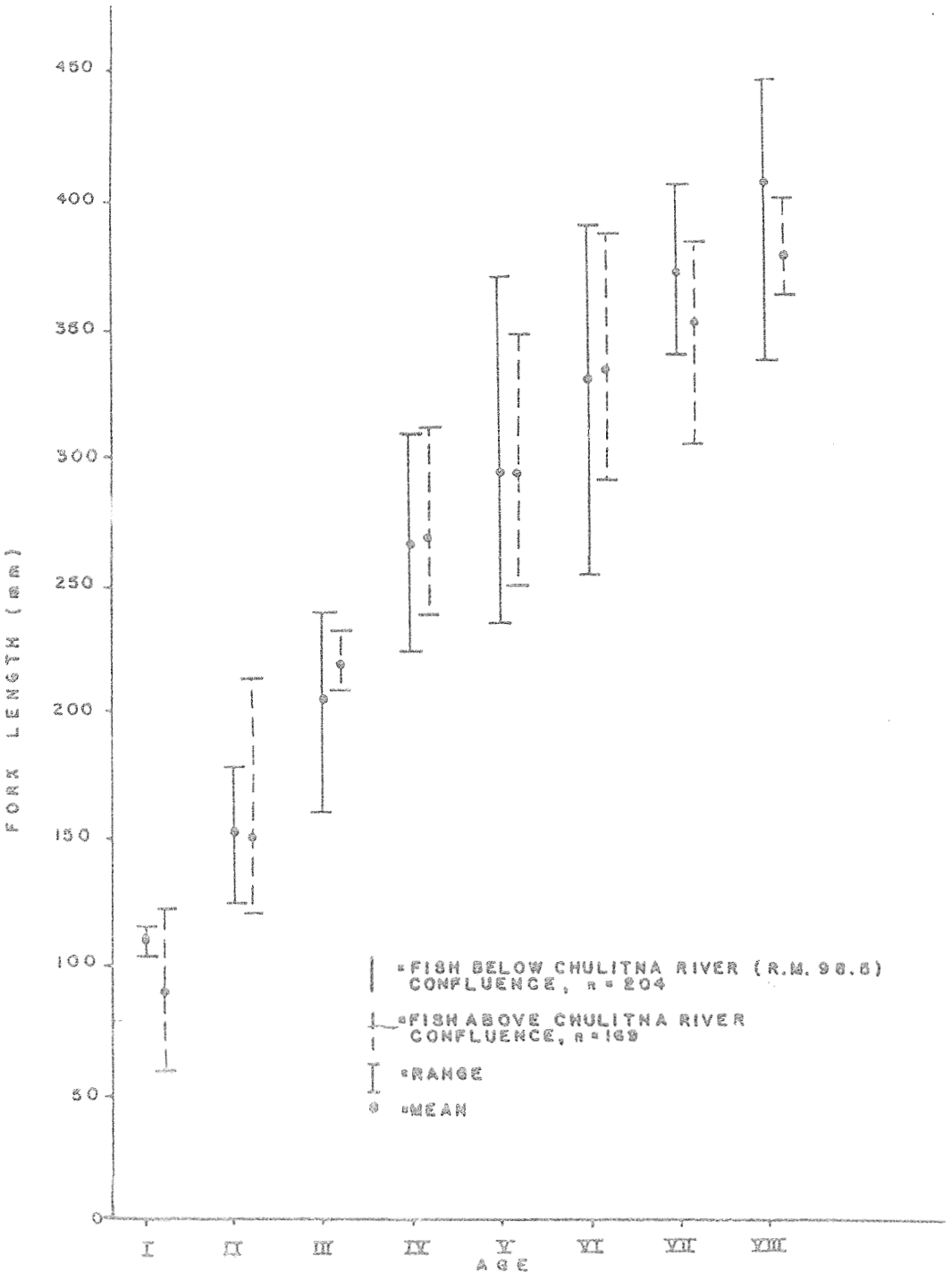
Appendix Figure 3-G-9. Length frequency composition of humpback whitefish captured in the Susitna River between Cook Inlet and Devil Canyon, May to October, 1982.



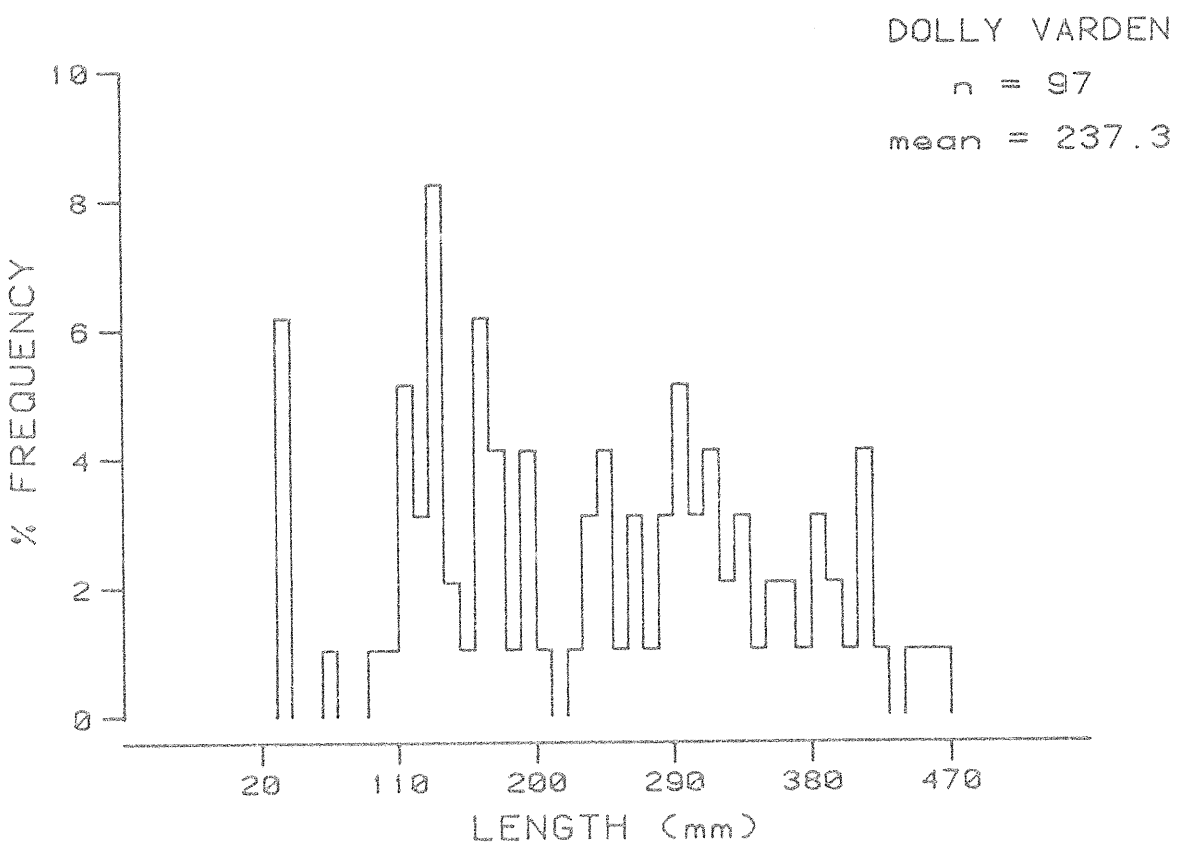
Appendix Figure 3-G-10. Age and length relationship for humpback whitefish captured in the Susitna River between Cook Inlet and Devil Canyon, May to October, 1982.



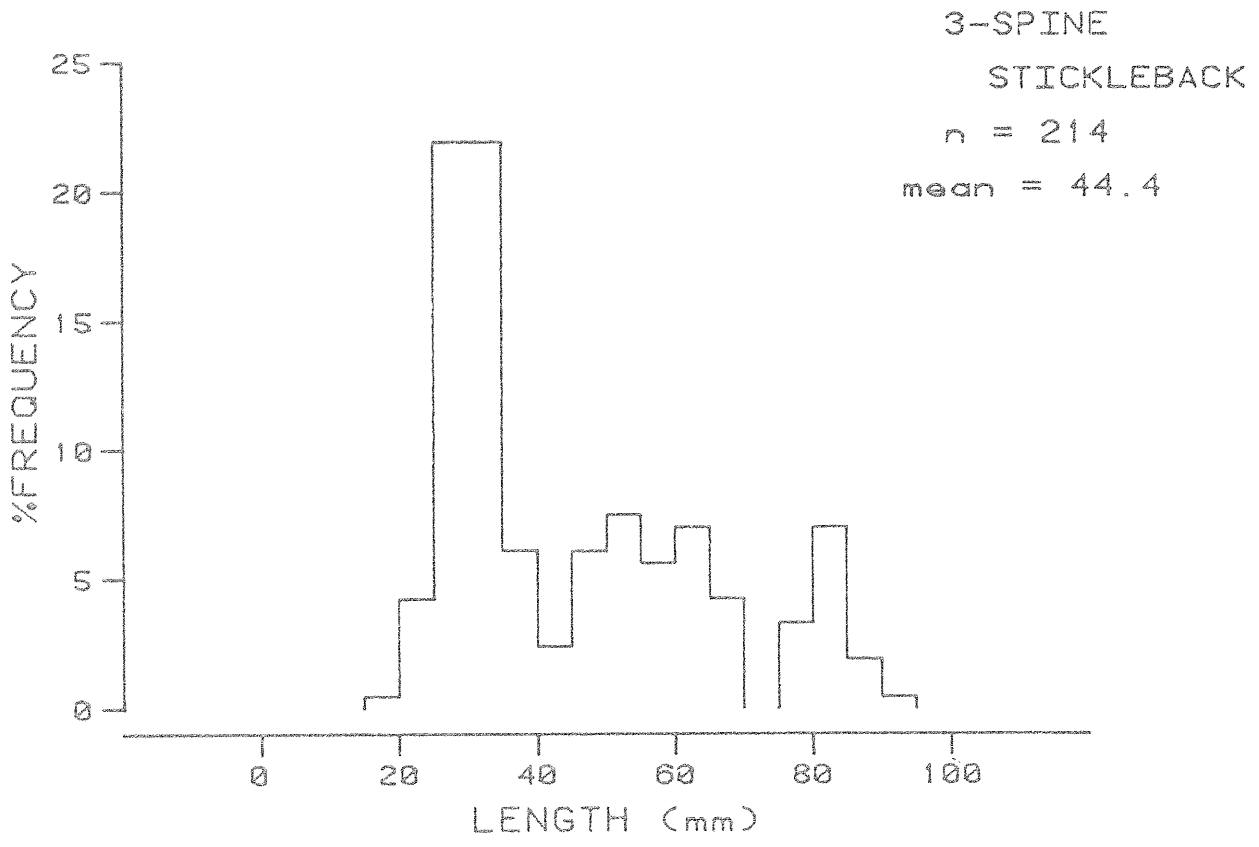
Appendix Figure 3-G-11. Length frequency composition of longnose suckers captured in the Susitna River between Cook Inlet and Devil Canyon, May to October, 1982.



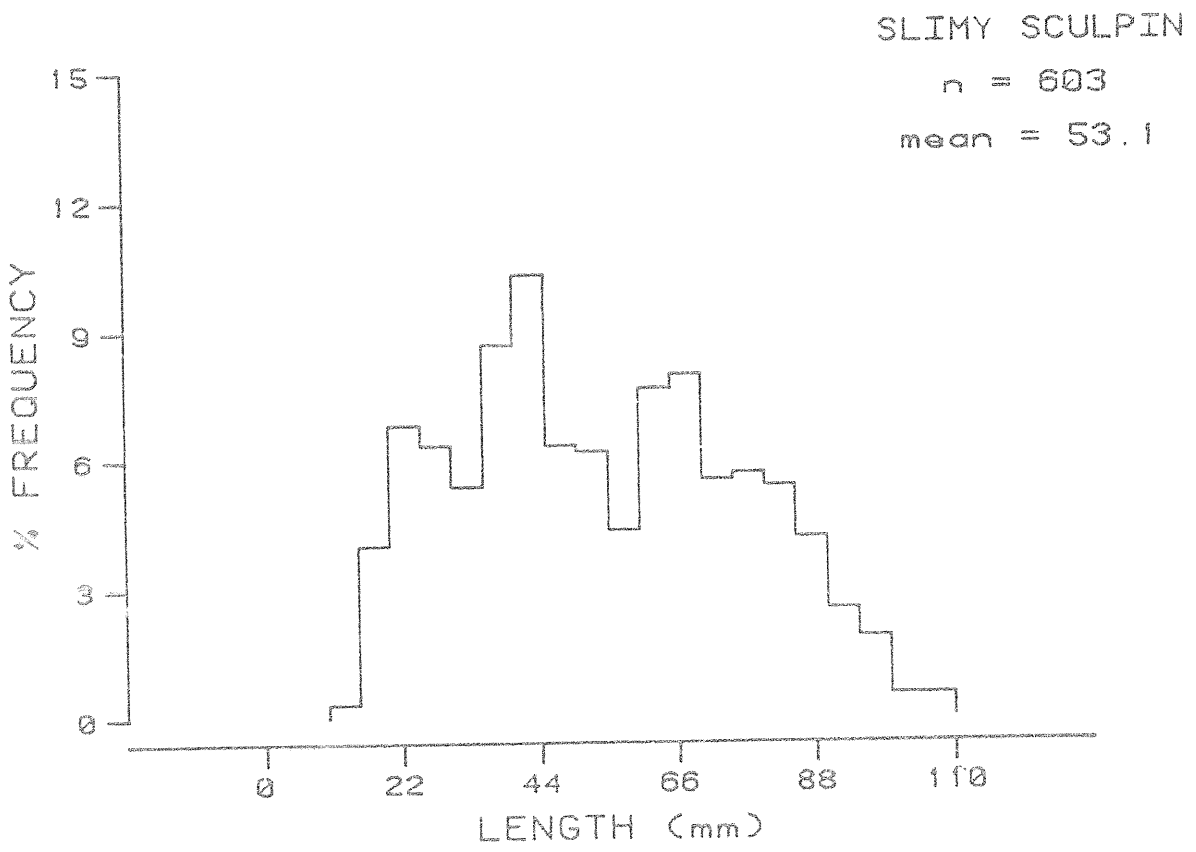
Appendix Figure 3-G-12. Age and length relationship for longnose suckers captured in the Susitna River between Cook Inlet and Devil Canyon, May to October, 1982.



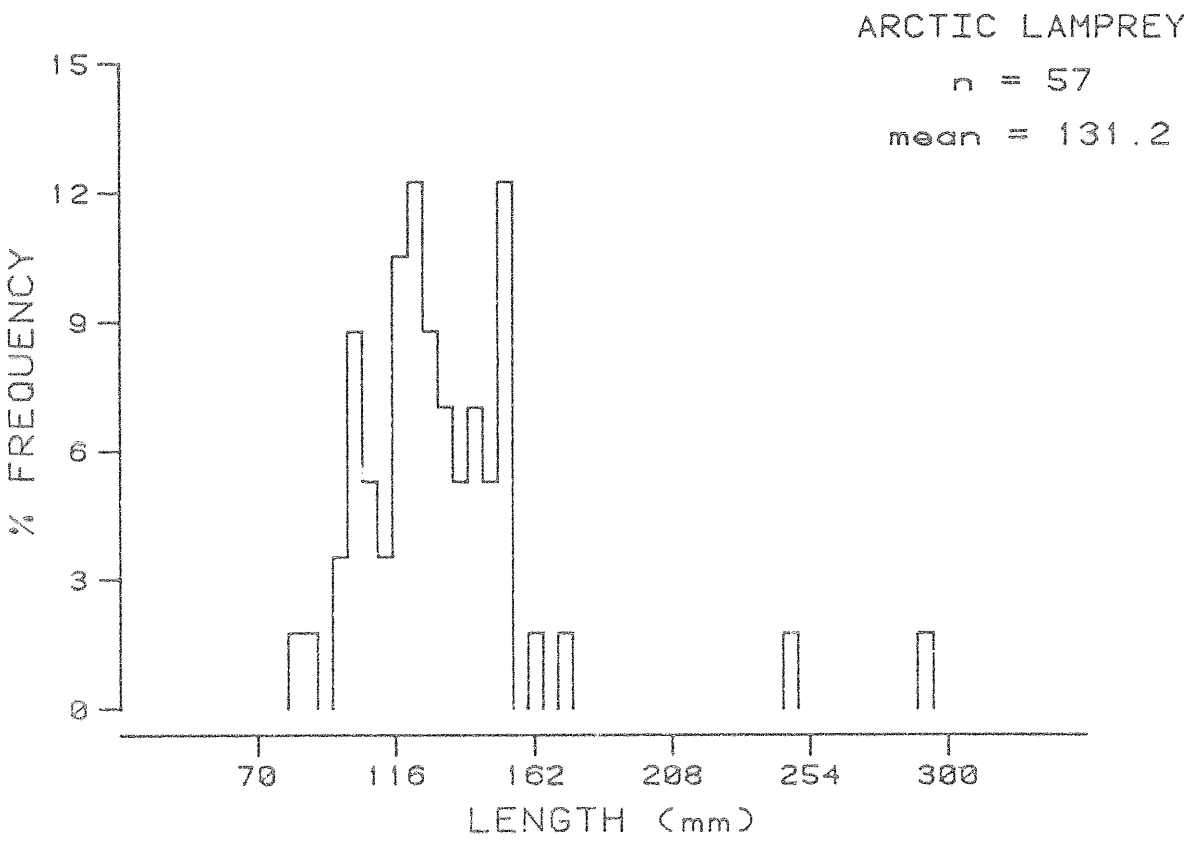
Appendix Figure 3-G-13. Length frequency composition of Dolly Varden captured in the Susitna River between Cook Inlet and Devil Canyon, May to October, 1982.



Appendix Figure 3-G-14. Length frequency composition of threespine stickleback captured in the Susitna River between Cook Inlet and Devil Canyon, May to October, 1982.



Appendix Figure 3-G-15. Length frequency composition of slimy sculpin captured in the Susitna River between Cook Inlet and Devil Canyon, May to October, 1982.



Appendix Figure 3-G-16. Length frequency composition of Arctic lampreys captured in the Susitna River between Cook Inlet and Devil Canyon, May to October, 1982.