State of Alaska
Department of Fish and Game
Public Review Nomination for Waters
Important to Anadromous Species

ALASKA DEPT. OF
FISH & GAME

OCT 28 1993

REGION II
HABITAT AND RESTORATION
DIVISION

X Addition ____ Deletion

Name of Waterbody (if known): Coal Creek
247-41-10200-2581-3223

94 09

Location:

Anadromous Waters Catalog Volume and Number Southcentral Region II

USGS 1:63,360 Quadrangle Talkeetna Mountains (D-6) Alaska

or 1:250,000 (if 1:63,360 not available) _____

F-2 8/26/02

Species	Date(s) Observed	Stage(s) (Spawning, Rearing, Migration)
Chinook	11/30/62	Spawning, Migration

Comments: Please provide any clarifying information. Also, please include a map of the area identifying the stream reach. This can be a copy of the map from the Anadromous Waters Atlas.

Listed in Kubik (1963, 1964) ADF+G

ALASKA DEPT. OF
FISH & GAME

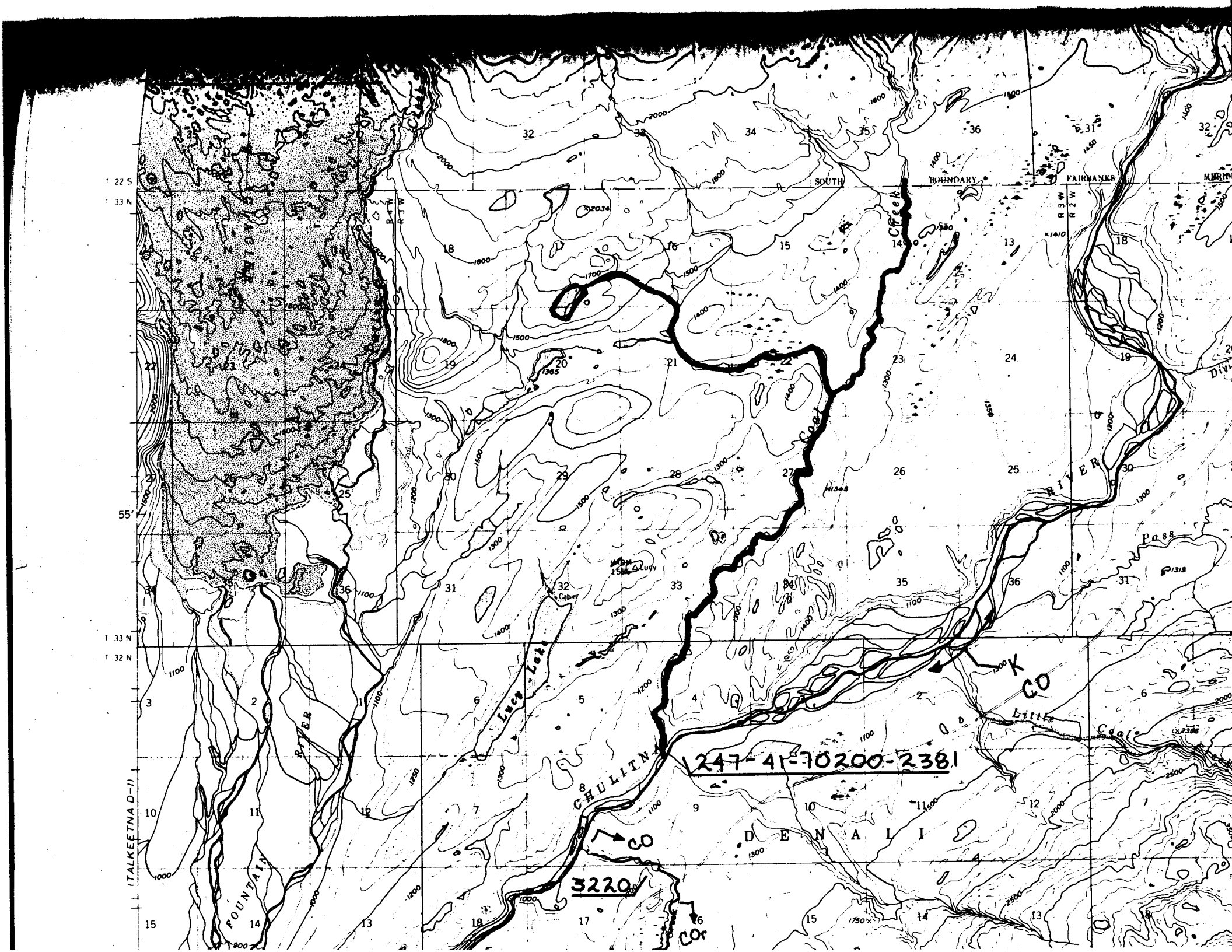
NOV 23 1993

REGION II
HABITAT AND RESTORATION
DIVISION

Name of Observer (please print) Dana Sweet

Date: 10/27/93 Signature: Dana Sweet

Address: ADF+G Palmer
745-5016



SOUTH BOUNDARY
FAIRBANKS
Coal Creek
Lucy Lake
CHULITNA
RIVER
FOUNTAIN
Little Coal
Pass
DENALI
K
CO
CO
COr
3220
247-41-70200-2381
T 22 S
T 33 N
T 32 N
55'
(TALKEETNA D-1)

This contains escapement records for all Susitna Basin streams from 1950's thru 1984.

This is all I have for West Fork Coal Ck
Tarbox et al (1988) may be a Comm fish report

ALASKA DEPARTMENT OF FISH AND GAME

SUSITNA RIVER AQUATIC STUDIES PROGRAM

Report No. 13, Volume II

Adult Salmon Investigations:
May - October 1985

Appendix 1

Prepared for:

Alaska Power Authority
701 East Tudor Road
Anchorage, Alaska 99519

April 1986

Appendix Table 1-4 (Continued).

LOCATION CODE / STREAM NAME	YEAR	DATE	CHINOOK	SOCKEYE	COHO	CHUM	PINK	SURVEY METHOD	COMMENTS	DATA SOURCE
	1977		69					Aerial count, fixed wing	Peak survey count	Watsjold (1978)
	1977	8/04	1							ADF&G (1982)
	1977	8/05	2	300						ADF&G (1982)
	1977	8/10		200						ADF&G (1982)
	1977	8/16		100						ADF&G (1982)
	1977	9/12		6	314					ADF&G (1982)
	1979	10/29		1000	500	0			Cook Inlet Aquaculture Ass'n (CIAA)	
	1979		28					Aerial count, fixed wing		Watsjold (1980)
	1980								No count - high, turbid water	Bentz (1982)
	1981								No count - high, turbid water	Bentz (1982)
	1982		15		36	417	1110			ADF&G (1985c)-CHUL.TAB
	1982	8/12	7					Aerial count, helicopter - Excellent		ADF&G (1983a)
247-41-10200-2381-3100-0010										
Byers Lake	1976			50						Nautvedt et al. (1979)
	1977			300					Peak survey count	Nautvedt et al. (1979)
	1981	8/27		275	100		200		Coho & pink data source unknown	Tarbox et al. (1983)
247-41-10200-2381-3220										
Horseshoe Creek										
247-41-10200-2381-3223 *									Note - TALK MTS D-6	
Coal Creek *	1962	7/30	5					Aerial count	Peak	Kubik (1963)
	1963	8/19	0					Aerial count	Peak	Kubik (1964)
247-41-10200-2381-3223-4023 *									Note - TALK MTS D-6	
West Fork Coal Creek *	Hist								Chinook, pinks present	
	1976	8/17	0	0	0	0	0			ADF&G (1982)
	1976	8/26	0	0	0	0	0			ADF&G (1982)
	1976	9/14	0	0	0	0	0			ADF&G (1982)
	1977	8/25		47					Lake and creek	ADF&G (1985c)-CHUL.TAB
	1977	9/01		151					100 fish in lower creek	ADF&G (1985c)-CHUL.TAB
	1978			2300					Includes Coal Creek Lake and mainstem West Fork Coal Creek	Tarbox et al. (1983)
	1979	9/19		500					Includes Coal Creek Lake and mainstem West Fork Coal Creek	Tarbox et al. (1983)
	1980	8/22		600					Includes Coal Creek Lake and mainstem West Fork Coal Creek	Tarbox et al. (1983)
	1981			1100					Includes Coal Creek Lake and mainstem West Fork Coal Creek	Tarbox et al. (1983)
	1982	8/23		1200					West Fork Coal Creek	ADF&G (1985c)-CHUL.TAB
	1982	8/23		240					Coal Creek Lake	ADF&G (1985c)-CHUL.TAB
247-41-10200-2381-3223-4023-0010 *									Note - See Coal Creek, TALK MTS D-6	

Coal Ck

West Fork

Chulitna River

Appendix Table 1-4 (Continued).

LOCATION CODE / STREAM NAME	YEAR	DATE	CHINOOK	SOCKEYE	COHO	CHUM	PINK	SURVEY METHOD	COMMENTS	DATA SOURCE
Coal Creek Lake *									Note - TALK MTS B-6	
247-41-10200-2381-3234 * Pass Creek	1962	7/30	15					Aerial count	Peak count	Kubik (1963)
	1963	8/19	0					Aerial count	Peak count	Kubik (1964)
	1973		0					Aerial count, fixed wing		Watsjold (1974)
Chulitna River										
247-41-10200-2381-3240 Honolulu Creek										Watsjold (1974)
	1973	7/26	17					Aerial count, fixed wing		ADF&G (1982)
	1973	7/29	8							Watsjold (1975)
	1974	7/25	12					Aerial count, fixed wing		Watsjold (1977)
	1976	7/23	24					Aerial count, fixed wing		Watsjold (1978)
	1977		36					Aerial count, fixed wing		Watsjold (1979)
	1978		13					Aerial count, fixed wing		Watsjold (1980)
	1979		37					Aerial count, fixed wing	No count - high, turbid water	Bentz (1982)
	1980								No count - high, turbid water	Bentz (1982)
	1981									ADF&G (1983a)
	1982	8/12	27					Aerial count, helicopter - Excellent		
247-41-10200-2381-3240-4020 Little Honolulu Creek										
247-41-10200-2381-3260 East Fork Chulitna River	Hist								Chinook present, maximum sockeye count 500 (1964)	
										ADF&G (1982)
	1973	8/02	42					Aerial count		Watsjold (1975)
	1974	7/25	41					Aerial count, fixed wing		Watsjold (1976)
	1975	8/04	7					Aerial count, fixed wing		Watsjold (1977)
	1976	7/23	112					Aerial count, fixed wing		Watsjold (1978)
	1977		168					Aerial count, fixed wing		Watsjold (1979)
	1978		59					Aerial count, fixed wing	No count - high, turbid water	Bentz (1982)
	1979								No count - high, turbid water	Bentz (1982)
	1980									ADF&G (1983a)
	1982	8/12	119					Aerial count, helicopter - Excellent		
247-41-10200-2381 * Middle Fork Chulitna River *									Note - HEALY A-6	
	1973		219					Aerial count		ADF&G (1982)
	1973	8/02	206							ADF&G (1982)
	1974	7/25	159					Aerial count, fixed wing		Watsjold (1975)
	1975	8/04	55					Aerial count, fixed wing		Watsjold (1976)
	1976	7/23	1870					Aerial count, fixed wing		Watsjold (1977)
	1977		1782					Aerial count, fixed wing		Watsjold (1978)
	1978		900					Aerial count, fixed wing		Watsjold (1979)

1334-1660-68 35

Volume 5

1963-1964

STATE OF ALASKA

William A. Egan, Governor

ANNUAL REPORT OF PROGRESS, 1963 - 1964

FEDERAL AID IN FISH RESTORATION PROJECT F-5-R-5

SPORT FISH INVESTIGATIONS OF ALASKA

ALASKA DEPARTMENT OF FISH AND GAME
Walter Kirkness, Commissioner

E. S. Marvich, Deputy Commissioner

Alex H. McRea, Director
Sport Fish Division

Louis S. Bandirola, Coordinator

Pass Ck
Coal Ck

Volume No. 5 Report No. 8-B

JOB COMPLETION REPORT

RESEARCH PROJECT SEGMENT

STATE: ALASKA Name: Sport Fish Investigations of Alaska.

Project No: F-5-R-5 Title: Population Studies of King Salmon in the Upper Cook Inlet Drainage

Job No: 8-B

Period Covered: July 1, 1963 to June 30, 1964.

Abstract:

Creel census data disclosed that 2,262 anglers fished 8,203 hours to catch 1,121 king salmon, a seasonal rate of success of 0.14 fish per hour.

Measurements were made of 887 sport caught king salmon which had an average length of 23.8 inches and a weight of 7.0 pounds. Of the fish measured, 62 per cent were under 25 inches. An average of 33.6 inches in length was found for 282 salmon sampled at a cannery. Sex determinations of sport caught king salmon indicated males predominated at a 3.7 to 1 ratio. Commercial fishermen caught equal numbers of male and female fish.

A sample of 297 king salmon checked for age indicated that 16 per cent were 6 years old, 51 per cent were 5 years old, 22 per cent were 4 years old, 10 per cent were 3 years old, and 1 per cent were 2 years old.

Aerial and ground surveys revealed a total of 2,086 king salmon observed in 29 streams.

Possible factors contributing to the decline of king salmon stocks are presented.

Objectives:

To determine the distribution, numbers, seasonal timing, age and growth of king salmon in Cook Inlet drainages.

To determine the present sport fish catch of king salmon and to evaluate angling pressure trends and their possible impact on existing king salmon stocks.

Table 5. The highest escapement counts, and dates counted, of king salmon in the Susitna River drainage during the years 1958, 1961, 1962 and 1963.

Stream	1958		1961		1962		1963	
	Date	Number	Date	Number	Date	Number	Date	Number
Alexander	5/29	1	7/11	0	7/23	19	8/16	750
Alder Creek	7/22	0	--	--	--	--	8/19	0
Answer Creek	7/15	0	--	--	--	--	--	--
Bear Creek	--	--	--	--	7/23	9	7/9	13
Birch Creek	--	--	6/27	80	--	--	7/7	6
Bishop Creek	--	--	6/27	80	8/1	6	--	--
Boulder Creek	7/29	0	--	--	--	--	--	--
Cache Creek	7/23	0	--	--	7/23	4	6/25	0
Camp Creek	--	--	7/26	86	7/23	34	7/9	10
Campbell Creek	--	--	--	--	8/9	40	8/18	187
Canyon Creek	--	--	--	--	7/27	23	7/13	0
Caswell Creek	6/10	0	7/6	6	--	--	7/7	0
Cheechako Creek	--	--	--	--	7/19	0	--	--
Chuit River	--	--	--	--	8/1	147	7/11	45
Chulitna River	7/11	3	--	--	--	--	--	--
Chunilna Creek	7/11	3	7/14	300	7/11	70	7/29	38
Coal Creek (Beluga)	7/21	8	--	--	7/27	25	8/19	0
Coal Creek (Chulitna)	--	--	--	--	7/30	5	8/19	0
Coffee Creek	--	--	--	--	--	--	8/19	0
Deadhorse Creek	--	--	--	--	7/19	0	--	--
Deshka River	5/29	3	6/24	11	8/11	998	7/30	131
Disappointment Creek	8/1	5	--	--	7/19	0	--	--
Donkey Creek	--	--	--	--	--	--	7/6	0
Eight Mile Creek	--	--	6/17	0	7/4	2	--	--
Fish Creek (Croto Slough)	--	--	6/8	0	7/3	0	8/14	0
Fish Creek (Flathorn Lake)	5/19	1	6/3	0	--	--	--	--
Fish Creek (Yentna River)	--	--	6/29	0	--	--	6/28	0
Friday Creek	--	--	7/6	0	8/2	0	8/14	0
Gold Creek	--	--	--	--	7/20	0	--	--
Goose Creek	7/15	1	7/25	0	6/27	0	7/7	0

Table 5. (Continued) The highest escapement counts, and dates counted, of king salmon in the Susitna River drainage during the years 1958, 1961, 1962, 1963.

Streams	1958		1961		1962		1963	
	Date	Number	Date	Number	Date	Number	Date	Number
Hayes River	7/21	0	--	--	--	--	--	--
Hewitt Creek	--	--	--	--	8/2	0	--	--
Hiline Creek	--	--	7/10	0	7/12	0	--	--
Indian River (Skwentna)	8/14	225	--	--	--	--	--	--
Indian River (Susitna)	--	--	--	--	7/30	28	8/19	0
Johnson Creek	7/21	0	--	--	7/27	0	7/3	0
Kahiltna River	7/23	0	6/17	0	7/5	0	7/4	0
Kashwitna River	7/4	0	7/13	0	7/31	0	7/7	0
Kichatna River	--	--	--	--	--	--	7/3	0
Lake Creek	--	--	6/27	60	7/12	10	6/21	4
Lane Creek	7/17	5	6/27	0	7/19	0	--	--
Lewis River	--	--	--	--	8/1	69	7/11	5
Little Coal Creek (Chulitna)	--	--	--	--	7/30	0	8/19	0
Little Susitna River	7/2	14	--	--	--	--	7/31	2
Little Willow Creek	--	--	6/27	112	7/16	26	7/9	11
Martin Creek	--	--	--	--	7/23	6	7/9	5
McKenzie Creek	--	--	6/27	0	7/19	0	--	--
Montana Creek	7/11	43	7/13	65	6/30	75	7/9	23
Moose Creek	7/11	0	6/29	0	7/5	0	6/27	2
Nakochna River	--	--	--	--	--	--	7/6	0
Nikolai Creek	6/19	0	--	--	--	--	--	--
N.F. Kashwitna River	--	--	7/25	35	7/31	19	7/7	3
Old Man Creek	--	--	--	--	--	--	7/13	0
Olson Creek	7/1	2	--	--	--	--	7/11	30
Partin Creek	--	--	--	--	--	--	8/19	0
Pass Creek	--	--	--	--	7/30	15	8/19	0
Peters Creek	--	--	--	--	8/14	3	6/25	0
Portage Creek (Skwentna)	7/7	2	--	--	--	--	--	--
Portage Creek (Susitna)	--	--	--	--	7/30	27	8/15	0
Prairie Creek	--	--	--	--	7/30	142	8/7	275