

To: Randall Friedlander, F&W Director
Kirk Truscott, Anadromous Division Program Manager
From: Mike Rayton, Senior Biologist
Subject: Icicle Creek Provisional Creel Monitoring Summary; May 13 – July 3, 2016

Fishing opened to CCT-Wenatchi Band members on Friday, May 13, 2016 with fishing periods restricted to between 12:01 am Thursdays and 6:00 pm Sundays, a span of 4 days. Due to the limited fishing schedule and the diel pattern of fishing effort, creel was conducted in a split shift that covered both morning and evening periods. Although official pressure counts were not conducted during the mid-day or overnight shifts, anecdotal observations confirmed that the vast majority of effort occurred in the morning and evening which were sampled 100%. Therefore the creel surveys between May 13 and June 5 represent a census of the fishery and were not expanded.

All broodstock required for both Leavenworth and Chief Joseph hatchery programs were collected and the hatchery ladder was closed on May 31. Because the hatchery had secured all necessary broodstock, the CCT F&W Director authorized an In Season Rule Change to expand the fishery to seven days per week, 24 hours per day effective June 2. The revised creel schedule was implemented during the second week of June. The randomized sample schedule necessitated that the raw data collected after June 5 be expanded to account for non-sampled days.

Structures #5 and #2 remained open to allow bull trout into the upper watershed until June 6 when the DIDSON count at Structure 5 hit the 50 fish trigger. Consistent with the USFWS bull trout BiOp for LNFH the structures remained closed until June 24th when structures #5 and #2 were again opened.

Zero angler effort was observed after June 26. The CCT creel technician was removed from the Icicle fishery and reassigned after the July 4 holiday weekend.

For the entire season, an estimate of 241 angler days were calculated and 1,552.4 hours of rod and reel effort. No effort was observed for other gear types (Table 1).

CCT anglers harvested an estimated 369 adipose-absent adult Chinook. No jacks, adipose-present adult Chinook, steelhead or bull trout were observed. Catch per unit effort (CPUE) for the season was 0.24 fish/hour, with the greatest CPUE occurring between June 2 and June 19 (Table 1).

Table 1. 2016 Colville Tribes Icicle Fishery Creel Summary

Fishing Dates	Fishing Period	# of Angler Days	Hours R&R	Hours Hoop Net	Hours Dip Net	Adult Ad-Clip	Adult No-Clip	Jack Ad-Clip	Jack No-Clip	Adult Total	Jack Total	Total Fish	CPUE**
5/13 - 5/15	1	16	95.7			5				5		5	0.05
5/19 - 5/22	2	27	208.4			50				50		50	0.24
5/26 - 5/29	3	41	280.9			32				32		32	0.11
6/2 - 6/5	4	16	79.5			26				26		26	0.33
6/6 - 6/12*	5	62	479.0			152.0				152.0		152.0	0.32
6/13 - 6/19*	6	54	326.0			85.3				85.3		85.3	0.26
6/20 - 6/26*	7	25	83.0			19.0				19.0		19.0	0.23
6/27 - 7/3*	8	0	0.0			0.0				0.0		0.0	0.00
TOTAL		241	1,552.4	0.0	0.0	369.3	0	0	0	369.3	0	369.3	0.24

*Expanded estimates

**CPUE = (Adult Total + Jack Total) / (Hours R&R + Hours Hoop + Hours Dip)