

Memorandum

REF 90602

To : Dick Wood

Date : November 17, 1983

From : Department of Fish and Game - Yreka Fisheries Unit

Subject: Woolley Creek Spring Run SH and KS Inventory, 1983

Woolley Creek was surveyed during the week of August 8 in the same manner as in 1982 from one mile above Anthony Milne Camp to the mouth, a distance of 18 miles encompassing all of the known holding habitat. An attempt was also made to determine the abundance of yearlings and young-of-the-year steelhead. Above the North Fork each pool would contain two to five six-inch fish assumed to be two-year-olds and ten to fifteen yearlings. A few young-of-the-year were found in slack water. Between the North Fork and Gates Creek young-of-the-year became numerous ~~and there were as many as 100~~ yearling in the large pools. Below Gates Creek, and especially in the canyon below Woolley Camp, fry and yearlings were scarce.

The upstream temperature at noon on 8/23 was 52°F.

The total count for adults were 78 steelhead and 6 king salmon. The following is a breakdown by area and a summary of previous counts.

<u>Area</u>	<u>SH</u>	<u>KS</u>	<u>Distance</u>
Falls to Anthony Milne Camp	3	0	1
Anthony Milne Camp to 1st Crossing	8	0	1
1st Crossing to Bear Skull Camp	2	2	4
Bear Skull Camp to Fowler Cabin	37	1	4.5
Fowler Cabin to Gates Creek	14	2	4
Gates Creek to Deerlick Creek	14	1	1.5
Deerlick Creek to mouth	0	0	2
	<u>78</u>	<u>6</u>	<u>18.0</u>

<u>Year</u>	<u>Week Of</u>	<u>Steelhead</u>	<u>King Salmon</u>	<u>Miles Surveyed</u>
1983	Aug. 23	78	6	18.0
1982	Aug. 2	253	3	17.5
1981	Aug. 2	245	8	15
1980	Jul. 10	165	43	15
1979	Sep. 29	160	19	12
1978	Sep. 8	105	2	12
1977	Aug. 13	510	3	12
1975	Aug. 11	124	13	7
1972	--	45	50	17
1970	--	28	30	17
1968	--	45	29	17

Dave Rogers
 Fishery Biologist

DR:kl

cc: Gerstung, Happy Camp Ranger District
 Bailey