

## Memorandum

REF 90604

Date: December 7, 1979

Don LaFaunce

From : Department of Fish and Game - Yreka Fisheries Unit

Subject: Wooley Creek Summer Steelhead Survey - 1979

During the week of July 29 an inventory of summer steelhead and spring king salmon was made. The count started at the confluence of North Fork Wooley Creek and Wooley Creek, and continued to the vicinity of Deerlick Creek. All pools and suspect holding areas were checked by diving when observation from the surface was impaired. Snorkel and faceplate was used. Helping on the survey were Dave Lopes, CCC; Jack West, USFS; and Eric Gerstung, DF&G. Dave Atwood of Ukonom Ranger District promised to help in the 1980 survey by providing pack stock.

In the surveyed area 160 steelhead and 19 king salmon were counted. Usually they were observed congregating in pools, but occasionally a single would be seen in a fast water area. They were presumed to be traveling between pools.

The water was clear and its temperature varied from 63°F to 70°F.

As observed in the past, angling for these steelhead is not highly productive and angling pressure is quite low. Lures were better than flies, and I believe bait would be taken before lures if it had been used. The combination of remoteness, water clarity, and wariness of the steelhead protect them from overharvest. I believe present regulations are adequate for their protection.

Attached to this memo is a map delineating where the steelhead were sighted. It is my guesstimate, because of the thoroughness of the survey, that about 90 percent of the steelhead and salmon present were inventoried.

The following table summarizes surveys to date:

December 7, 1979

<u>Year</u>	<u>Date</u>	<u>Steelhead</u>	<u>King Salmon</u>
1979	Jul 29	160	19
1978	Aug 8	105	2
1977	Sep 13	510	3
1975	Aug 11	124	13
1972	---	45	50
1970	---	28	30
1968	---	45	29

David W. Rogers  
Asst. Fishery Biologist

DWR:km

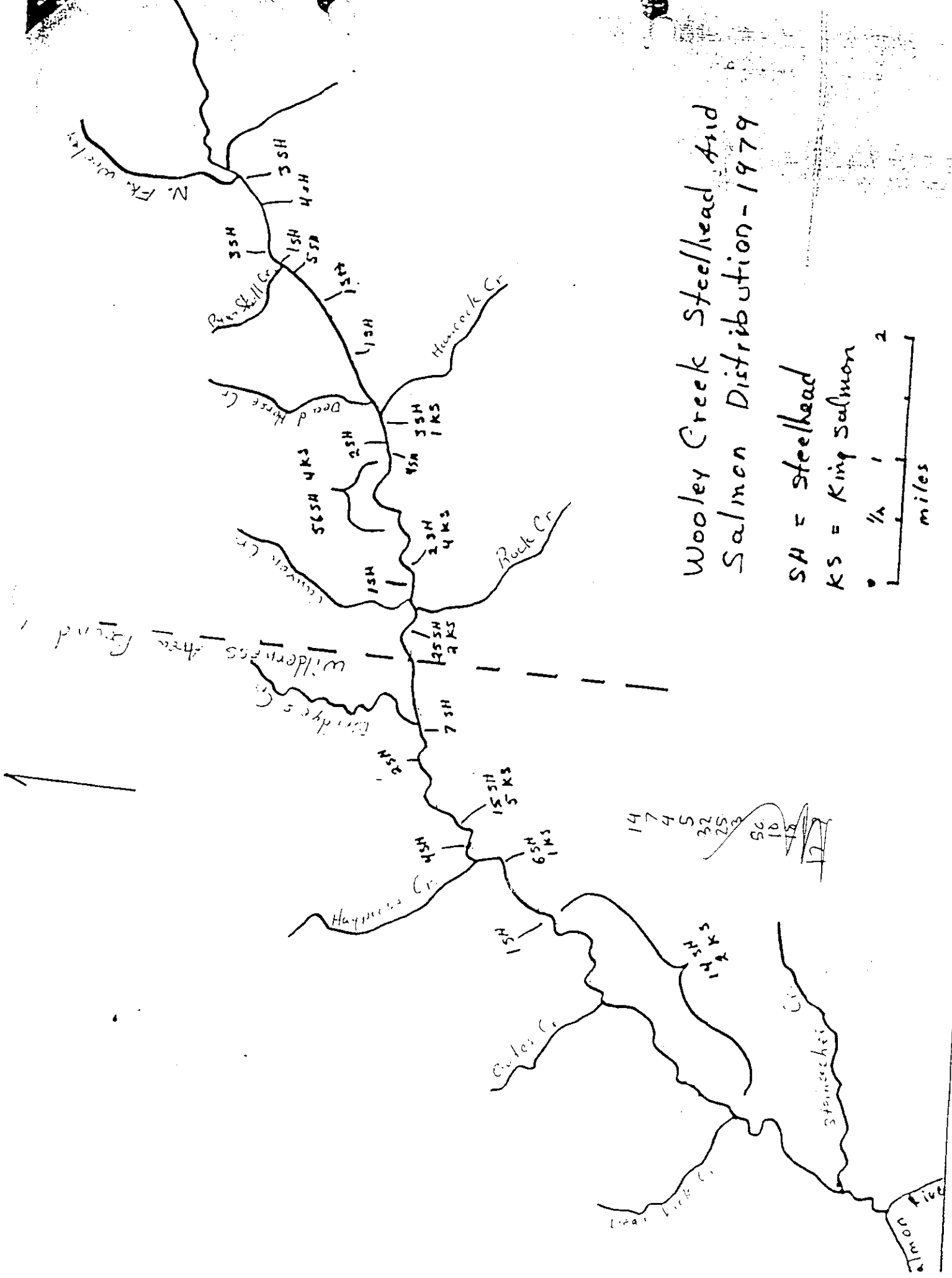
Attach.

1977 Survey may, because of its lateness,  
include fall run fish. DWR

# Woolley Creek Steelhead And King Salmon Distribution - 1979

SH = Steelhead  
 KS = King Salmon

0 1/4 1 2  
 miles



14  
7  
4  
5  
32  
25  
23  
56  
18  
17