

Memorandum

REF 90533

: Don LaFaunce

Date: November 28, 1977

From : Department of Fish and Game - Yreka Fisheries Unit

Subject: Aerial Redd Counts: Scott and Salmon Rivers For 1977 and Previous, Klamath River 1977

On November 17, 1977, aerial king salmon redd counts were made on subject rivers. Viewing conditions were excellent, except for the Shasta River which was too murky to see redds.

Redds were counted in the Klamath River from the Scott River mouth to Iron Gate Dam. Only 17 redds were seen and these were in the first ten miles above the mouth of the Scott River. Because of the depth and turbidity of the Klamath River, it is safe to assume not all redds were seen.

From this compilation, it is difficult to see any drastic decline in number of redds counted in either river. If the number of redds counted are representative of the number of spawners then there has been little if any decline in the size of the run.

In the Scott River in 1973 (an aerial count was not made) racks were installed and king salmon counted until November 6. By that time 741 females, 537 males, and 569 grilse were counted. If, as was occasionally done in the past, each female is made responsible for two redds, then the redd count would have been 370. This figure is comparable with past and previous years.

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DR:sb

SCOTT RIVER AERIAL KS REDD COUNTS

Area 1/

Date 2/

	Nov.17 1977	Oct.28 1976	Nov.12 1975	Nov.4 1974	Nov.20 1973	Nov.20 1972	Nov.20 1971	Oct.18 1970	Nov.10 1969	Oct.19 1968	Nov.2 1967	Nov.3 1966	Nov.2 1965	Oct.26 1964
1.	Dry	Dry	0	-	2	-	-	-	-	-	-	-	-	-
2.	7	7	228	0	37	-	-	14	9	117	117	41	19	
3.	46	49	98	-	102	-	-	68	53	163	163	41	41	
4.	106	54	135	-	-	-	-	94	94	163	163	61	Numerous	
5.	146	82	341	-	328	-	-	-	-	113	113	61	61	
6.	10	12	177	-	-	-	-	165	198	198	198	156	62	
7.	26	36	30	-	16	-	-	699	564	564	564	156	156	
8.	25	33	100	-	-	-	-	69	193	193	193	18	18	
TOTAL	366	273	599	510	485	-	-	302	807	573	736	621	258	?

1/

Area

1. Callahan to Farmer's Screen
2. Farmer's Screen to Scott Valley Screen
3. Scott Valley Screen to Fort Jones
4. Fort Jones to Meamber Bridge
5. Meamber Bridge to Gauging Station
6. Gauging Station to Kelsey Creek
7. Kelsey Creek to Scott Bar
8. Scott Bar to Mouth

2/ Usually two flights were made, if so, the latter is used here.

3/ No information is available for these years.