

SHASTA RIVER - MIGRATION KING & SILVER SALMON

<u>Year</u>	<u>Large fish</u>	<u>Grilse</u>	<u>Total</u>
1930	7,279	12,059	19,338
1931	61,807	20,037	81,844
1932	29,631	5,058	34,689
1933	4,678	6,892	11,570
1934	26,873	21,795	48,668
1935	64,721	9,816	74,537
1936	32,105	14,010	46,115
1937	32,026	1,229	33,255
1938	7,829	1,261	9,090
1939	7,961	20,203	28,164
1940	50,725	4,430	55,155
1941	7,392	5,860	13,252
1942	9,546	1,879	11,425
1943	8,328	1,594	10,022
1944	8,575	2,923	11,498
1945	14,903	3,288	18,191
1946	6,949	641	7,590
1947	341		

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Poor quality original

SHASTA RIVER - STEELHEAD MIGRATION

<u>Year</u>	<u>Total</u>
1936	2,157
1937	3,251
1938	1,763
1939	2,029
1940	1,262
1941	6,316
1942	1,426
1943	1,551
1944	455
1945	135

From 1930 to 1937 count of salmon made at racks near mouth of river. After 1937 count made at racks 7 miles up stream, near powerhouse. The run of silver Salmon is not important, usually less than 100 fish a year.

For the years 1930 to 1935, no complete record of the migration of steelhead into the Shasta River available during the salmon run - excepting for 1932 - See C.F. & G., V. 19, No. 4, 1933, "A Steelhead Migration in the Shasta River" by J. O. Snyder. Between October 10, 1932 and December 10, 8525 steelhead were counted. 1936 a Steelhead Egg Collecting Station was established on the river 7 miles above the mouth. Since that time the count is fairly accurate for the Steelhead - See notes attached.

NOTES

The first migrating Steelhead usually appear in the Shasta River during the salmon run in late September or early October, and most of them will not ripen and spawn for several months. The run continues on through the winter and spring until, sometimes in April if water conditions in the river are suitable. The fall run as a rule is not more than 1/3 of the fish counted from January to April. During the latter part of December and early January the run is small due to low temperatures of water which are usually below 40° F.

During heavy winter and spring run off caused by storms there is a small amount of escapement when the water is over the racks. But it is believed that the number of fish passing up at such times are small as the water is very cold and very little activity among the fish.

1938 - Early in February a storm caused high water that tore out the V and back of both traps and it was nearly two weeks later before the water became low enough so that repairs could be made. No doubt quite a number of uncounted fish passed up stream in the mean time.

1940 - One rack washed out and was not replaced for several days. In March another flood took out 3 sets of racks.

1942 - On January 8, a fish in tanks released in river below tank due to the powerhouse canal was drained to make repairs. The number of fish released not stated in weekly report from station.

1944 - Station closed November 3, steelhead run not over 455 counted to date.

1945 - Station closed November 16, - 135 steelhead counted to date.