

SALMON STREAM SPAWNING REPORT

DISTRICT NO. 3 FISHERY OFFICER G.W. Winsby YEAR 1955NAME OF STREAM Nimkish River System FLOWING INTO Broughton Strait

MAP NAME

LOCAL NAME

DATES ON WHICH STREAM INSPECTED May 13, 17 June 3, 6, 7, 15, 20, 26, July 9, 10, 11, Aug. 3, 12, 22, Sept. 16, Oct. 15, 25, Nov. 12, 13, Dec. 9.

NOTE: Periodically throughout season in lower reaches by Patrolman.

A SKETCH OF THIS STREAM IS REQUIRED ON THE BACK OF THIS FORM, SHOWING IN ADDITION TO RELEVANT DATA SUCH AS LOCATION OF OBSTRUCTIONS, GENERAL OUTLINE OF TOPOGRAPHY ALONG THE STREAM, PORTIONS OF STREAM BED WHERE SPawning OCCURS, ETC., ITS LOCATION IN RELATION TO SOME KNOWN POINT. WHEN SUCH SKETCH HAS ONCE BEEN MADE AVAILABLE, IT MAY BE REFERRED TO IN FOLLOWING REPORTS.

PARTICULARS OF SPawning AND SPawning CONDITIONS

	SOCKEYE	SPRINGS	COHOE	PINKS	STEELHEAD	CHUM
1. DATES OF DURATION: START OF RUN	May	July	Aug.	July	Jan.	Oct.
) PEAK	July	Sept.	Sept.	Aug.	Sept.	Nov.
) END	Aug.	Sept.	Oct.	Sept.	Nov.	Dec.
2. TOTAL NUMBER OF GROUNDS	M	K	K	F	G	M
3. SIZE OF RUN-HVY, MED, LT.	Med.	Hvy.	Hvy.	Lt.	Med.	Hvy.
4. COMPARE WITH TOTAL NUMBER FOR BROOD YEAR USING SYMBOL	N	H(50)	K	G	H	M
5. GIVE SEX RATIO IN: MALE	50	60	55	40	UK	50
PERCENTAGES						
) FEMALE	50	35	40	60		50
) JACKS		5	5			

NOTE: DRAW LINES THROUGH NAMES OF SALMON THAT DO NOT FREQUENT THIS STREAM.

6. PHYSICAL CONDITION OF SPawning GROUNDS

(A) EVIDENCE OF EROSION AND SILTING - GIVE EXTENT OR % STREAM BED AFFECTED Neither condition appeared evident throughout the watershed to any notable extent.(B) PARTICULARS OF SCOURING OF SPawning BEDS OR CHANGE IN COURSE OF STREAM No scouring or course change was found in the system.(C) WATER LEVELS (LOW, NORMAL, HIGH, ABNORMAL). IF ABNORMAL, DETAILS SHOULD BE GIVEN No abnormal water levels occurred this season.

7. BIOLOGICAL CONDITIONS

(A) PARTICULARS OF DISTRIBUTION OF SPawning SALMON OVER THE STREAMS Distribution was similar to last year with, again, no evidence of spawning in Willow(B) CONTENTS RE PREDATORS or Kinman Creeks flowing into main Nimkish Lake.Again Hair Seals were numerous in lower reaches & in Nimkish Lake.(C) EVIDENCE OF DIGGING UP OF EGGS BY LATER SPawning FISH Bears did not appear to be as numerous as in some past year similar to last year, particularly in Woss Lake.

8. OBSTRUCTIONS

(A) PASSABLE OR IMPASSABLE No change from last(B) NATURE OF OBSTRUCTION year. Again this year Fish Culture personnel recorded data at Karmutsen Falls and a tagging(C) DISTANCE FROM MOUTH OF STREAM program was carried out at the river mouth.

(D) DO YOU RECOMMEND THAT THE OBSTRUCTION BE REMOVED?

(IF SO, ATTACH REPORT STATING YOUR REASONS AND DESCRIBE NATURE AND EXTENT OF THE SPawning GROUNDS ABOVE OBSTRUCTION.)

9. COMMENTS ON ANY OTHER CONDITIONS AFFECTING THIS STREAM Conditions this year were far more suitable for spawning examinations and it is considered that a reasonably worthwhile survey was made. No evidence of Sockeyes was found in Vernon Lake and practically none in Schoen. However it was considered that the Woss Lake seeding was up to average. District Biologist E. Burrige was able this year to accompany the writer.

10. NOTE: ESTIMATE NUMBER OF PARENT FISH ON SPawning GROUNDS AND INDICATE BY PLACING LETTER IN CIRCLE PROVIDED TO SHOW APPROXIMATE NUMBER: THIS

1-50	A	300-500	D	2000-5000	G	20000-50000	L
50-100	B	500-1000	E	5000-10000	H	50000-100000	M
100-300	C	1000-2000	F	10000-20000	K	OVER 100000	N