

## SALMON STREAM SPAWNING REPORT

DISTRICT NO. 2 FISHERY OFFICER G. W. Finchy YEAR 1950.NAME OF STREAM Nimkish River System FLOWING INTO Broughton Strait  
MAP NAME LOCAL NAMEDATES ON WHICH STREAM INSPECTED: 11 Feb., 30 April, 12 & 15 May, 1 June, 28 July, 16 Aug., 25 Sept., 1, 2, 12

NOTE:- 11 Feb., 30 April, 12 & 15 May, 1 June, 28 July, 16 Aug., 25 Sept., 1, 2, 12  
 A SKETCH OF THIS STREAM IS REQUIRED ON THE BACK OF THIS FORM, SHOWING IN ADDITION TO Oct., 5,  
 RELEVANT DATA SUCH AS LOCATION OF OBSTRUCTIONS, GENERAL OUTLINE OF TOPOGRAPHY ALONG THE STREAM 6, 7,  
 PORTIONS OF STREAM BED WHERE SPAWNING OCCURS, ETC., ITS LOCATION IN RELATION TO SOME KNOWN POINT Nov.  
 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	CHUMS	STEELHEADS
1. DATES OF DURATION OF RUN	3 May	31 July	15 Aug	2 Aug	20 Oct	15 Nov.
2. TOTAL NUMBER ON GROUNDS	20 July	30 Aug	31 Aug	30 Aug	31 Dec	15 Jan. 1951
3. SIZE OF RUN-HVY. MED. LT.	Hvy.	Med.	Lt.	Hvy.	Hvy.	Hvy. to 15 Jan.
4. COMPARE WITH TOTAL NUMBER FOR BROOD YEAR USING SYMBOL	Numbers not shown past record in brood years, except Pink					
5. GIVE SEX RATIO MALE IN PERCENTAGES FEMALE JACKS	45	50	50	40	50	Not determined.
	55	50	50	60	50	

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 No evidence of silting of spawning grounds--estimated 10% of system affected by erosion.(B) PARTICULARS OF SCOURING OF SPAWNING BEDS OR CHANGE IN COURSE OF STREAM No important changes of stream course throughout the system. Scouring not prevalent.(C) WATER LEVELS (LOW, NORMAL, HIGH, ABNORMAL). IF ABNORMAL, DETAILS SHOULD BE GIVEN Abnormally high in lakes during October & November but observed that Sockeyes did not spawn, generally, too high on the lake shores.

7. BIOLOGICAL CONDITIONS

(A) PARTICULARS OF DISTRIBUTION OF SPAWNING SALMON OVER THE STREAMBED Salmon very well-distributed over spawning grounds throughout the system.(B) COMMENTS RE PREDATORS Bird predation considerably lighter than last year.Bird predation heavy in lakes. Hair seals were numerous in the lower river and in Nimkish lake.

(C) EVIDENCE OF DIGGING UP OF EGGS BY LATER SPAWNING FISH

None found.

## 8. OBSTRUCTIONS

(A) PASSABLE OR IMPASSABLE Jams entirely passable are numerous in the streams flow-(B) NATURE OF OBSTRUCTION from Schoen & Vernon Lakes into Nimkish River. It is considered that sufficient information has appeared(C) DISTANCE FROM MOUTH OF STREAM elsewhere concerning Karmuteen Falls.(D) DO YOU RECOMMEND THAT THE OBSTRUCTION BE REMOVED? Jams No.  
(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 As in too many coastal streams the condition of logged-off watersheds is a very serious one in the Nimkish System and is, of course, increasing annually.(Sketches 1947, 48, 49.)

10. NOTE: ESTIMATE NUMBER OF PARENT FISH ON SPAWNING GROUNDS AND INDICATE BY PLACING LETTER IN COLUMN PROVIDED TO SHOW APPROXIMATE NUMBER, THUS:

1-50	A	300-500	D	2000-5000	G	20,000-50,000	L
50-100	B	500-1000	E	5000-10000	H	50,000-100,000	M
100-300	C	1000-2000	F	10000-20000	K	OVER 100,000	N