

SALMON STREAM SPAWNING REPORT

DISTRICT NO. 3 FISHERY OFFICER G.W. Winsby YEAR 1952.NAME OF STREAM Nimkish River System FLOWING INTO Broughton Strait.

RIVER NAME

LOCAL NAME

DATES ON WHICH STREAM INSPECTED 24 June, 10 July, 11 July, 21 July, 21 Aug., 28 Aug.,29 Aug., 3 Oct., 7 Oct., 6 Nov., 8 Nov., 9 Nov.

NOTE:

May 16th. to November 15th. by Guardian.

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	CHUMS
1. DATES OF DURATION) START	May	July	Aug.	July	Jan.	Oct.
OF RUN) PEAK	July	Sept.	Sept.	Aug.	Mar.	Nov.
) END	Aug.	Sept.	Oct.	Sept.	Nov.	Dec.
2. TOTAL NUMBER OF GROUNDS	N	K	K	K	H	N
3. SIZE OF RUN-IMV.MED.LT.	Hvy.	Hvy.	Hvy.	Hvy.	Hvy.	Hvy.
4. COMPARE WITH TOTAL NUMBER FOR BROOD YEAR USING SYMBOL	No sym. for b.Ys.	50	K'49.	K	No sym. for brood yrs.	No sym. for '48.
5. GIVE SEX RATIO IN) MALE	50	45	50	40	or sex data.	49 N.
PERCENTAGES) FEMALE	50	5	45	60		50
) JACKS			5			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
Appeared to be no further erosion than reported last year.
- (B) PARTICULARS OF SCOURING OF SPAWNING BEDS OR CHANGE IN COURSE OF STREAM
As far as could be determined there was no serious scouring. No changes in courses were found.
- (C) WATER LEVELS (LOW, NORMAL, HIGH, ABNORMAL). IF ABNORMAL, DETAILS SHOULD BE GIVEN
No abnormal conditions such as 1951.

7. BIOLOGICAL CONDITIONS

- (A) PARTICULARS OF DISTRIBUTION OF SPAWNING SALMON OVER THE STREAMED Heavy spawning again occurred in Nimkish River below Karmutsen Falls where conditions, as reported previously are not ideal or comparable to
- (B) COMMENTS RE PREDATORS large expanses of spawning ground beyond falls.
- (C) EVIDENCE OF DIGGING UP OF EGGS BY LATER SPAWNING FISH Other distribution satisfactory.
- None found.

8. OBSTRUCTIONS

- (A) PASSABLE OR IMPASSABLE No important changes from 1951.
- (B) NATURE OF OBSTRUCTION Karmutsen Falls: concentration of blocked fish continues to increase annually.
- (C) DISTANCE FROM MOUTH OF STREAM
- (D) DO YOU RECOMMEND THAT THE OBSTRUCTION BE REMOVED? Yes
(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 Sockeye spawners were found for the first time in Klaklakama Lake this year. See sketch. Pinks were found again in Willow Creek and Nimkish Lake. Bear predation was heavy on the Woss Lake grounds, particularly at the lake-head. Birds and gulls were numerous in the lakes also. Hair seals were very few this year.

10. NOTE: ESTIMATE NUMBER OF PARENT FISH ON SPAWNING GROUNDS AND INDICATE BY PLACING LETTER IN COLUMN 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