

SALMON STREAM SPawning REPORT

DISTRICT NO. 3 FISHERY OFFICER G.W. Winsby YEAR 1954.NAME OF STREAM Nimkish River System FLOWING INTO Broughton Strait.

MAP NAME LOCAL NAME

DATES OF WHICH STREAM INSPECTED March 11. April 18. May 11,27,31. July 5,16,20,27.Sept. 22. Oct. 25,27. Nov. 16,18. Dec. 9. Period-NOTE: ically by Patrolman in lower reaches throughout the

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.	Nov.	Nov.
) END	Aug.	Sept.	Oct.	Sept.	Sept.	Dec.
2. TOTAL NUMBER OF GROUNDS	M	K	H	G	G	L
3. SIZE OF RUN-IVY-MED,LT.	Med.	Hvy.	Med.	Lt.	Med.	Med.
4. COMPARE WITH TOTAL NUMBER FOR BROOD YEAR USING SYMBO	N	G(49)	K	K	ND	M
5. GIVE SEX RATIO IN) MALE	50	60	55	45	ND	50
PERCENTAGES) FEMALE	50	35	40	55		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 IF STREAM BED AFFECTED Although water levels were extremely high in the lat fall there was not much evidence of excessive erosion and no silting
- (B) PARTICULARS OF SCOURING OF SPawning BEDS OR CHANGE IN COURSE OF STREAM These conditions were not found anywhere.
- (C) WATER LEVELS (LOW, NORMAL, HIGH, ABNORMAL). IF ABNORMAL, DETAILS SHOULD BE GIVEN Abnormally high in fall. Bear predation appeared to be somewhat lighter.

7. BIOLOGICAL CONDITIONS Seal predation was heavy from mouth to main Nimkish Lak.

- (A) PARTICULARS OF DISTRIBUTION OF SPawning SALMON OVER THE STREAM Surveys were handicapped greatly by high water and other weather conditions but Seekeye spawners examined in Woss grounds were distributed
- (D) COMMENTS ON PREDATORS (see above) satisfactorily throughout the usual localities.
- (C) EVIDENCE OF DIGGING UP OF EGGS BY LATER SPawning FISH None found.

8. OBSTRUCTIONS

- (A) PASSABLE OR IMPASSABLE No change from last year. Observations and recording of data was carried on this season by Fish
- (B) NATURE OF OBSTRUCTION Culture personnel at Karmutsen Fishway and some
- (C) DISTANCE FROM MOUTH OF STREAM further data were gathered on the second falls above Karmutsen.
- (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 Extremely high water levels and poor flying weather prevented satisfactory surveys of all spawning grounds that have been examined at several times during past years. At the times when inspection could be made no population was found in Willow Creek or Kinman Creek, both flowing into main Nimkish Lake. There has, in each past year, been a seeding there or at least some evidence of one.

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