

SALMON STREAM SPAWNING REPORT - PACIFIC AREA

DISTRICT NO. 3 FISHERY OFFICER T.F. Rothery YEAR 1963
 NAME OF STREAM Nimkish River FLOWING INTO Broughton Straits.
 Map Name Local Name

DATES ON WHICH STREAM INSPECTED Very frequently throughout season.

NOTE:

(see below # 9)

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	<u>May</u>	<u>July</u>	<u>Aug.</u>	<u>Aug.</u>	<u>Dec.</u>	<u>Nov.</u>
of run) Peak	<u>July</u>	<u>Sept.</u>	<u>Sept.</u>	<u>Aug.</u>	<u>Feb.</u>	<u>Nov.</u>
) End	<u>Sept. 27</u>	<u>Oct.</u>	<u>Dec.</u>	<u>Sept.</u>	<u>Apr.</u>	<u>Dec.</u>
2. Total number of grounds	<u>H plus</u>	<u>H</u>	<u>L</u>	<u>F</u>	<u>(see #9)</u>	
3. Size of run - hvy. med. lt.	<u>Hvy.</u>	<u>Med.</u>	<u>Hvy</u>	<u>Lt.</u>		<u>K</u>
4. Compare with total number for brood year using symbol	<u>M</u>	<u>H</u>	<u>H</u>	<u>G</u>	<u>N.O.</u>	<u>K</u>
5. Give sex ratio in) Male	<u>50</u>	<u>N.O.</u>	<u>45</u>	<u>N.O.</u>	<u>N.O.</u>	<u>N.O.</u>
percentages) Female	<u>50</u>		<u>45</u>			
Jacks			<u>10</u>			

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 Normal
 (B) Particulars of Scouring of Spawning Beds or Change in Course of Stream Normal
 (C) Water Levels (Low, Normal, High, Abnormal). If Abnormal, details should be given.
Stable stream - down in summer - high in fall.

7. BIOLOGICAL CONDITIONS

- (A) Particulars of Distribution of Spawning Salmon over the Streambed Chums and Pinks - lower
Sock.-excellent particular in Woss Lake and R. Springs heavy in Woss R.
 (B) Comments re Predators Mostly birds - light.
 (C) Evidence of Digging up of Eggs by Later Spawning Fish N.O.

8. OBSTRUCTIONS

- (A) Passable or Impassable Passable - appeared to be only temporary on different
water levels
 (B) Nature of Obstruction Narrowing river and slight falls.
 (C) Distance from Mouth of Stream Duncan Road bridge - 6 miles above Karmutsen
 (D) Do you Recommend that the Obstruction be Removed? Further observation required.
 (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 (N) - 150,000 upper limit. - enlarged river mouth boundaries together with strike during peak of migration helped to produce this large run. Springs also assisted in this manner. Very poor run of Pinks to this system.

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	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

* Where letter "N" used it is requested approximate number of parent fish on spawning grounds be shown.