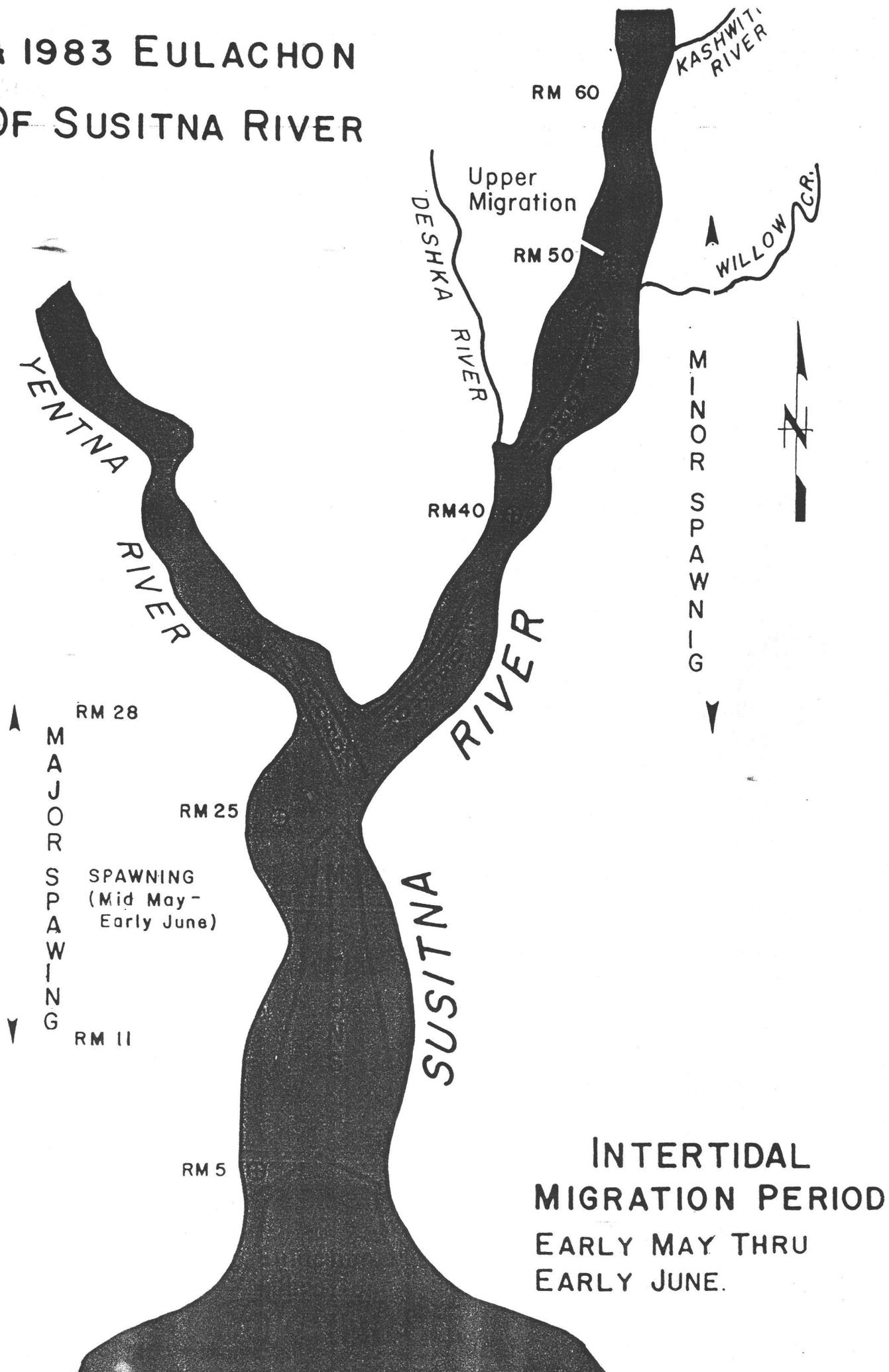


1982 & 1983 EULACHON USE OF SUSITNA RIVER



**INTERTIDAL
MIGRATION PERIOD
EARLY MAY THRU
EARLY JUNE.**

CONTRIBUTION
OF SUSITNA RIVER TO
UPPER COOK INLET

COMMERCIAL CHINOOK SALMON CATCH :

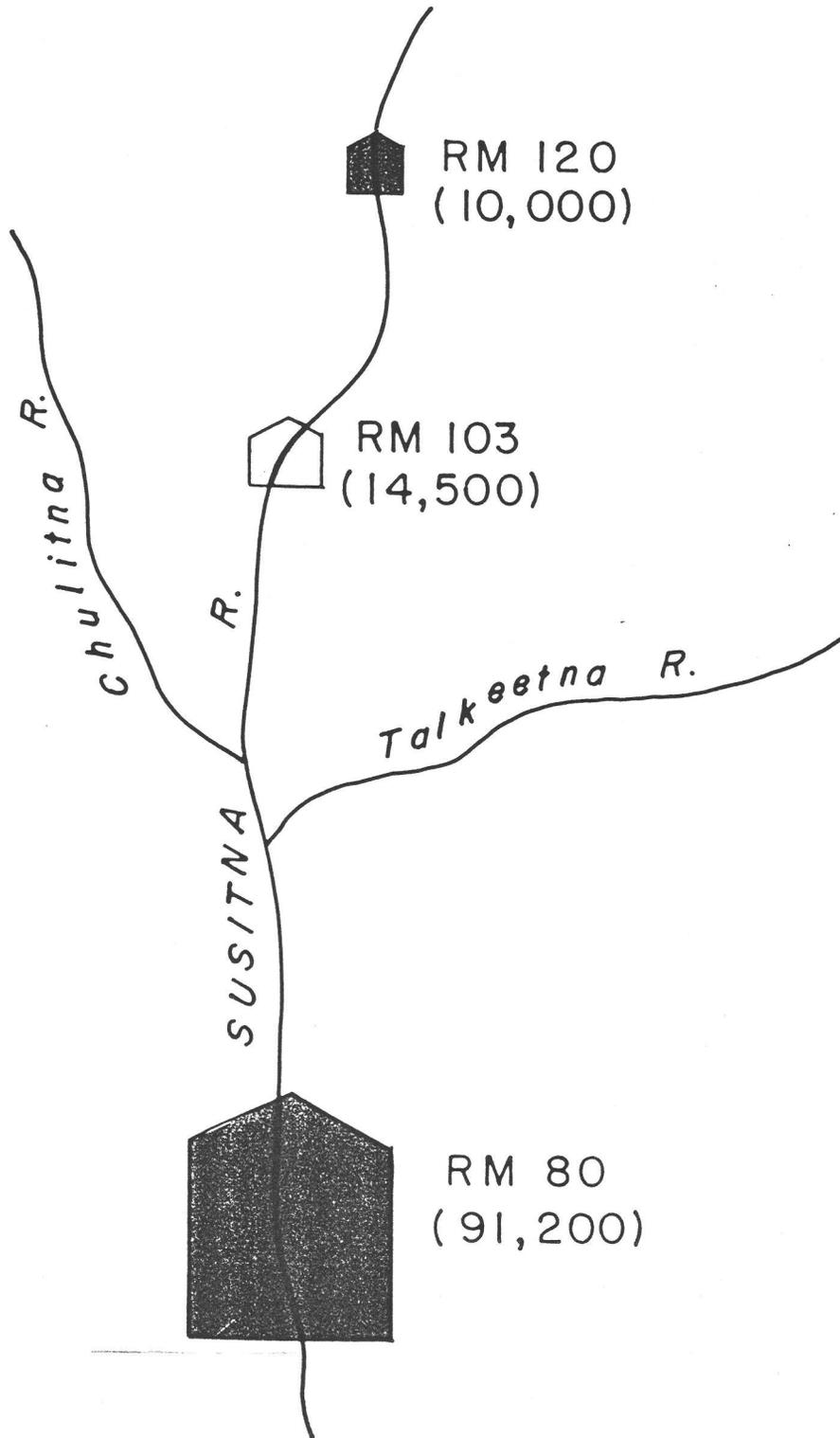
≈ 10% [↓]

1983 HARVEST (PRE.) ≈ 19 THOUSAND

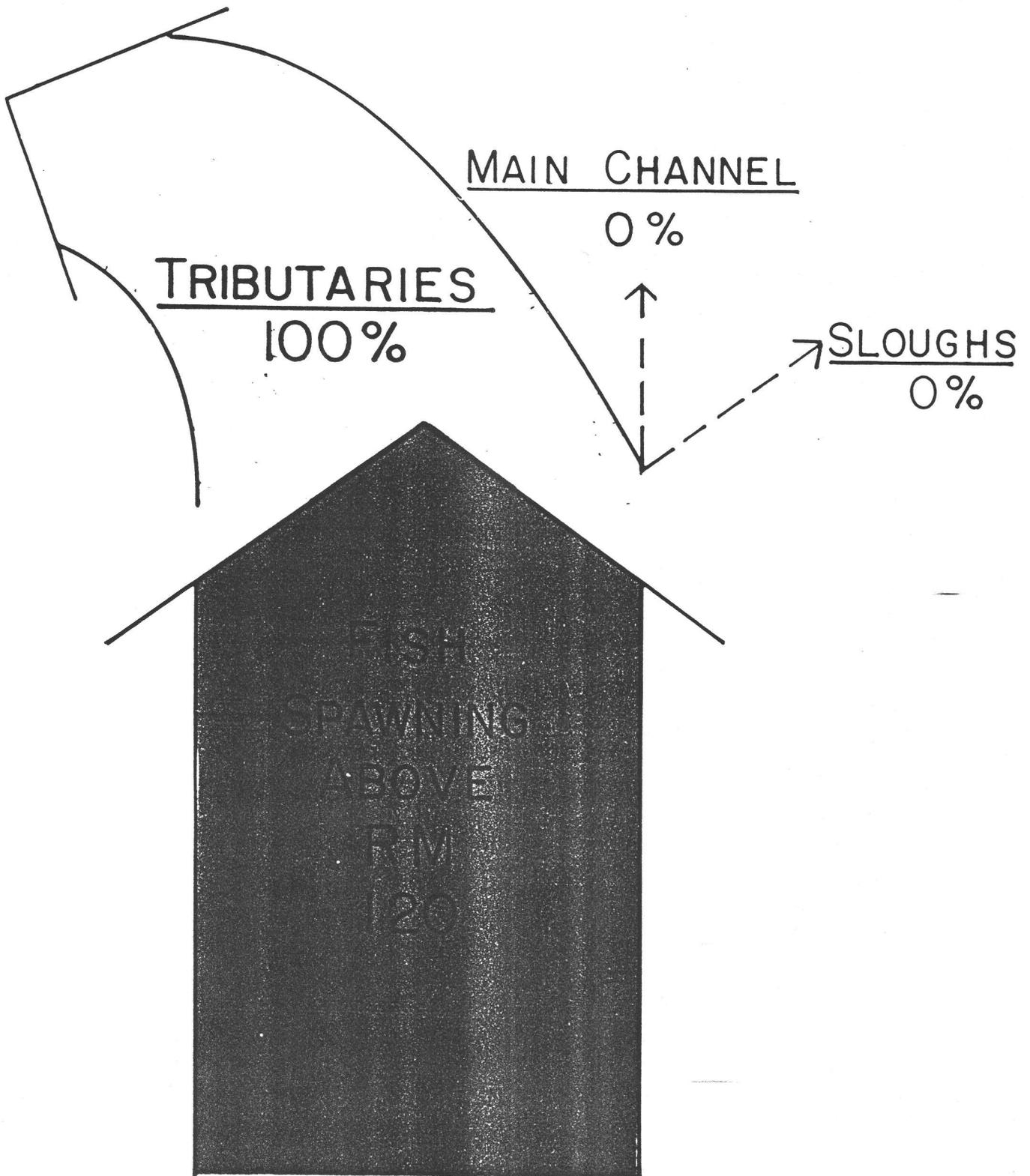
10 YEAR AVERAGE (74-83) ≈ 13 THOUSAND

[↓]
BASED ON PROFESSIONAL JUDGEMENT

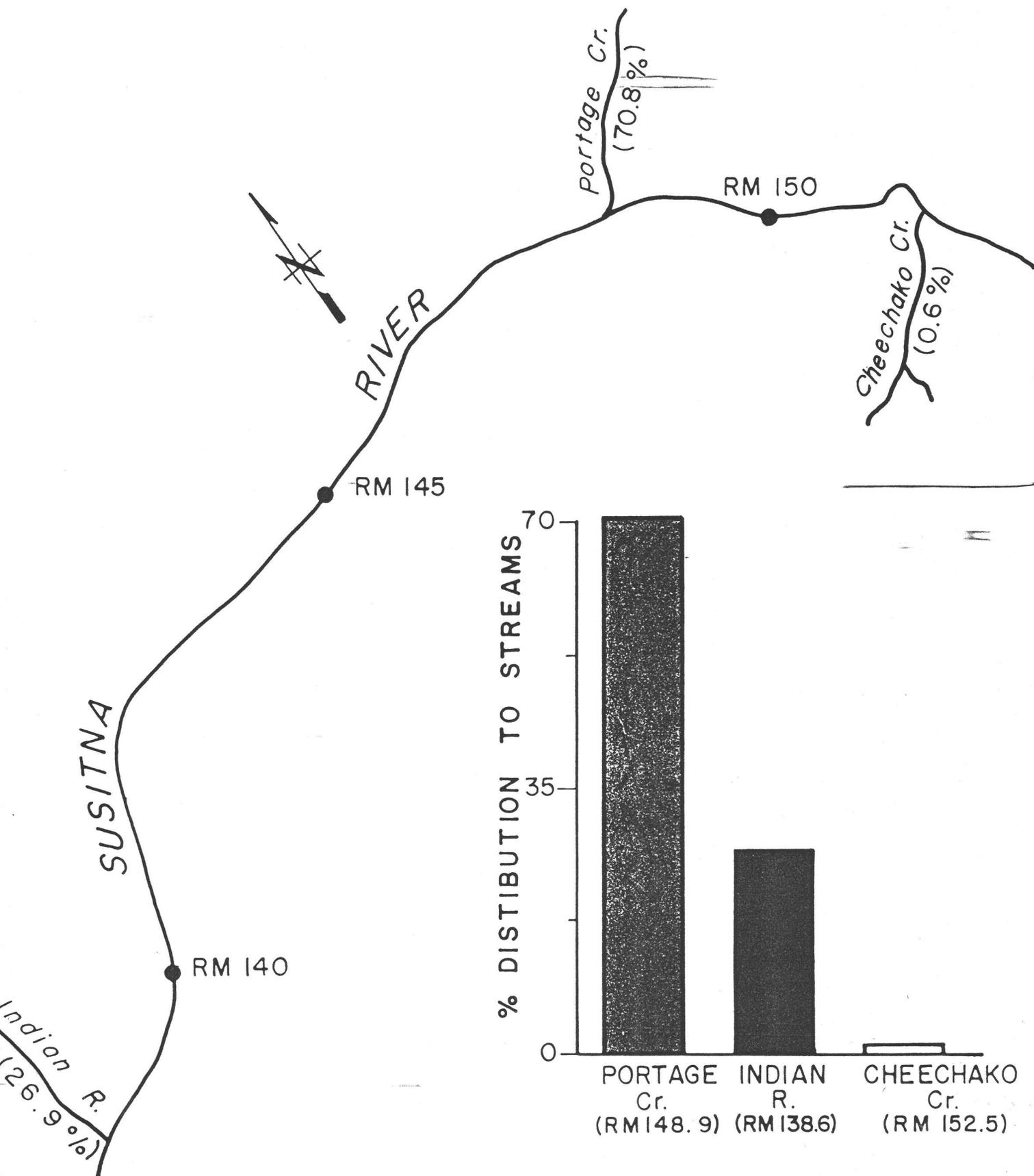
SUSITNA 1983 CHINOOK ESCAPEMENT



1983 CHINOOK SPAWNING AREAS



1983 MAJOR CHINOOK SALMON SPAWNING STREAMS ABOVE RM 98.6



CONTRIBUTION
OF SUSITNA RIVER TO
UPPER COOK INLET

COMMERCIAL SOCKEYE SALMON CATCH:

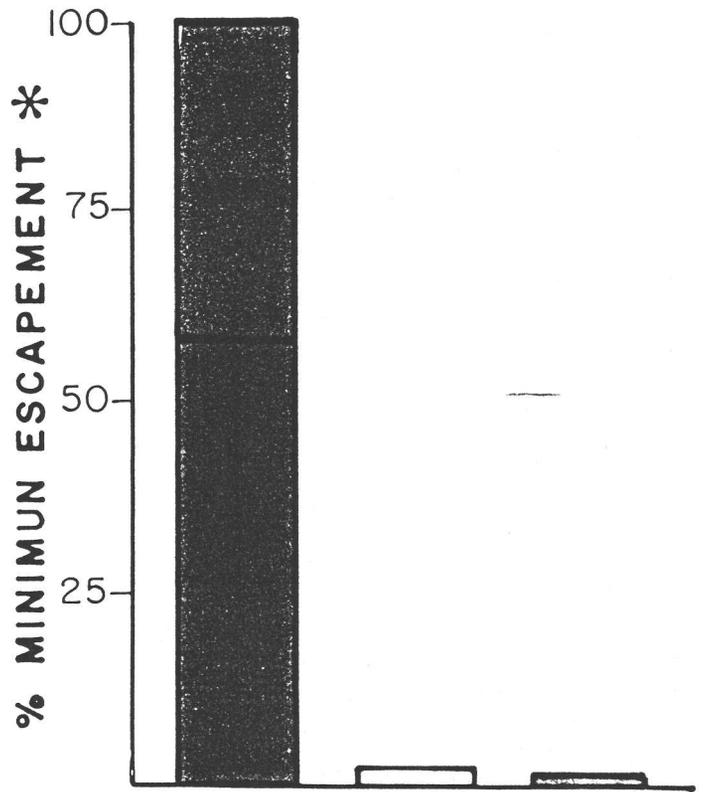
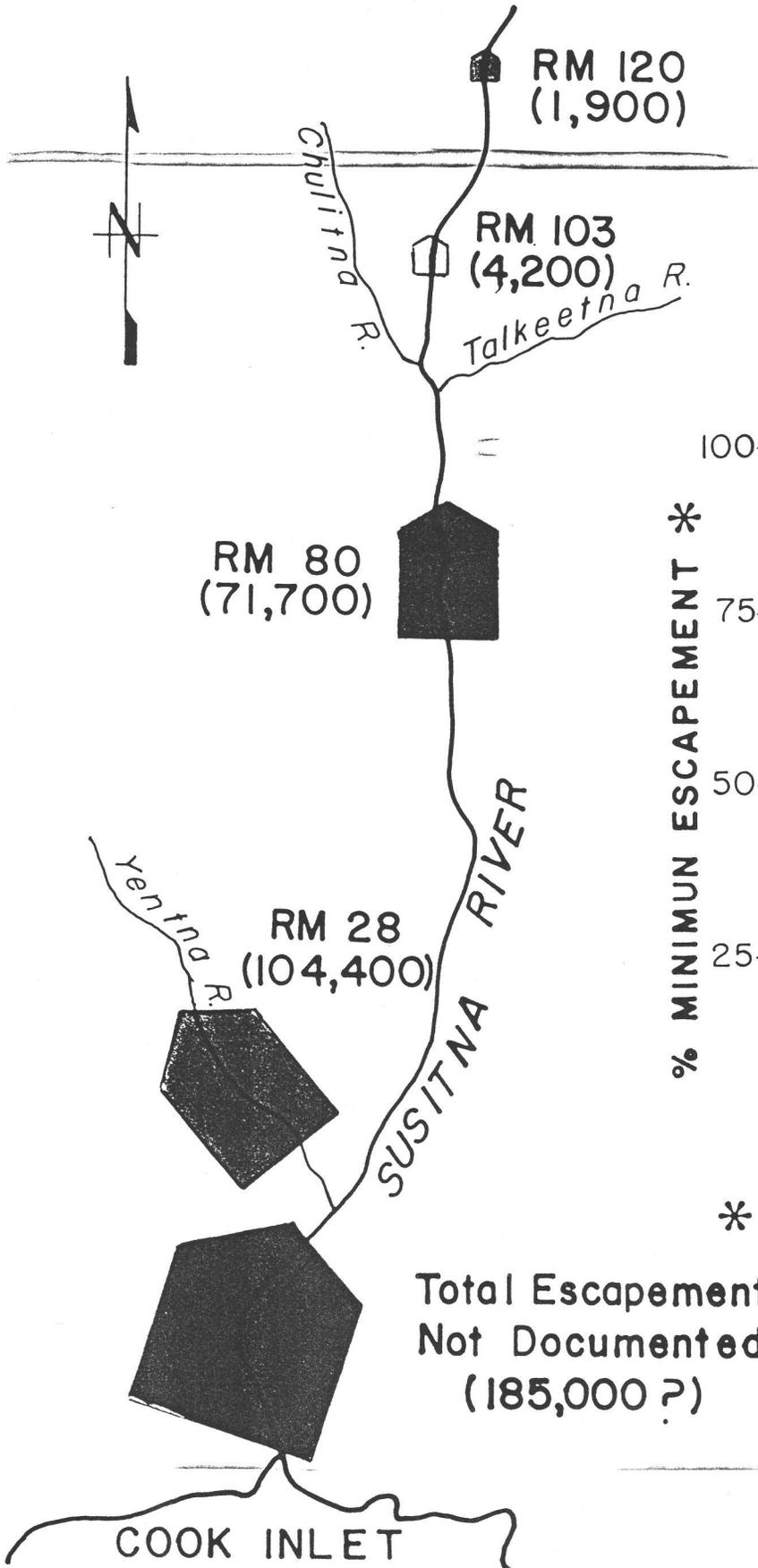
— $\approx 10-30\%$

1983 HARVEST (PRE.) ≈ 4.8 MILLION

10 YEAR AVERAGE (74-83) ≈ 2.0 MILLION

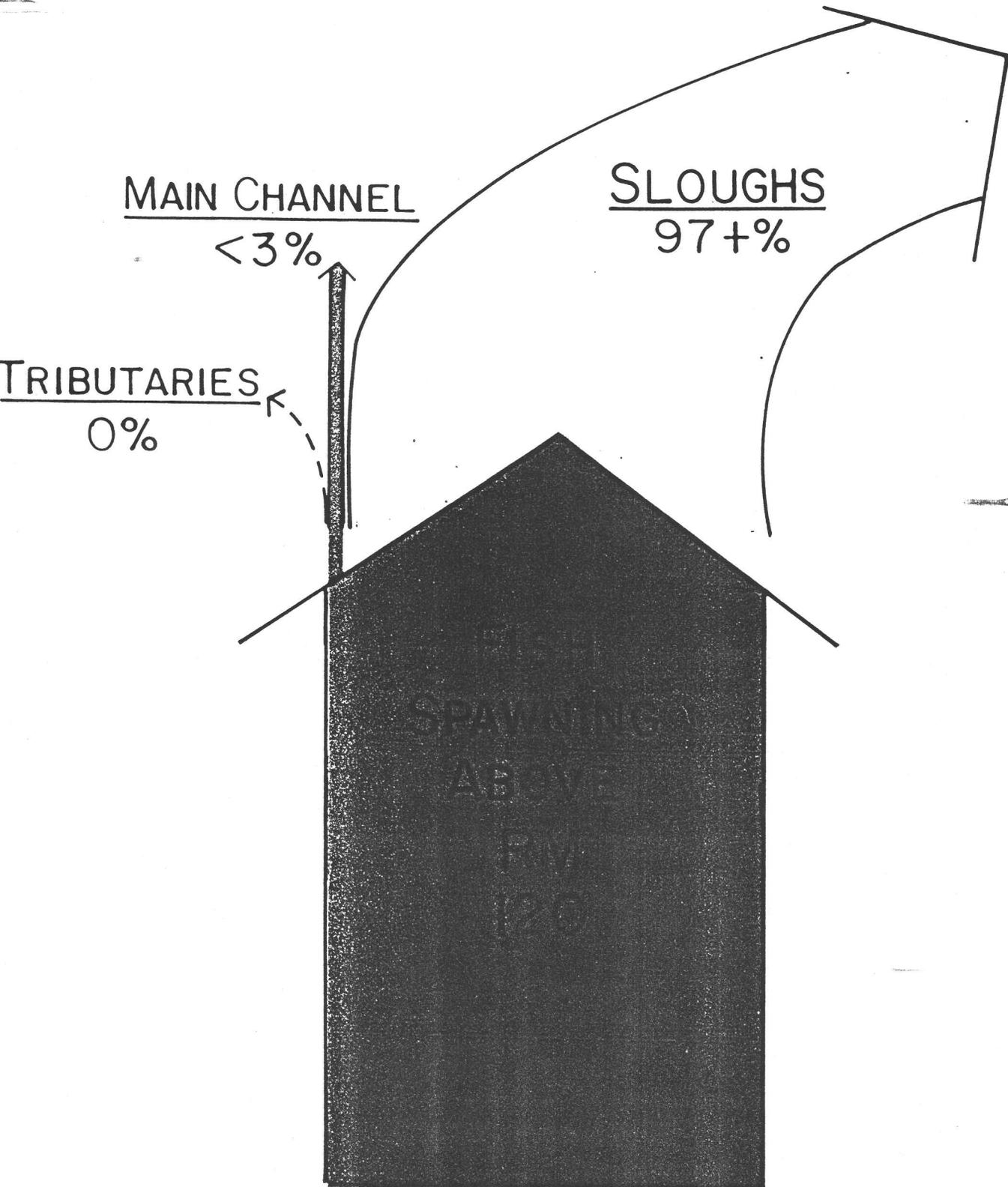
\swarrow
BASED ON PROFESSIONAL JUDGEMENT

SUSITNA 1983 SOCKEYE ESCAPEMENT

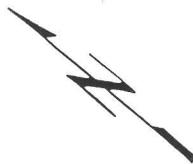
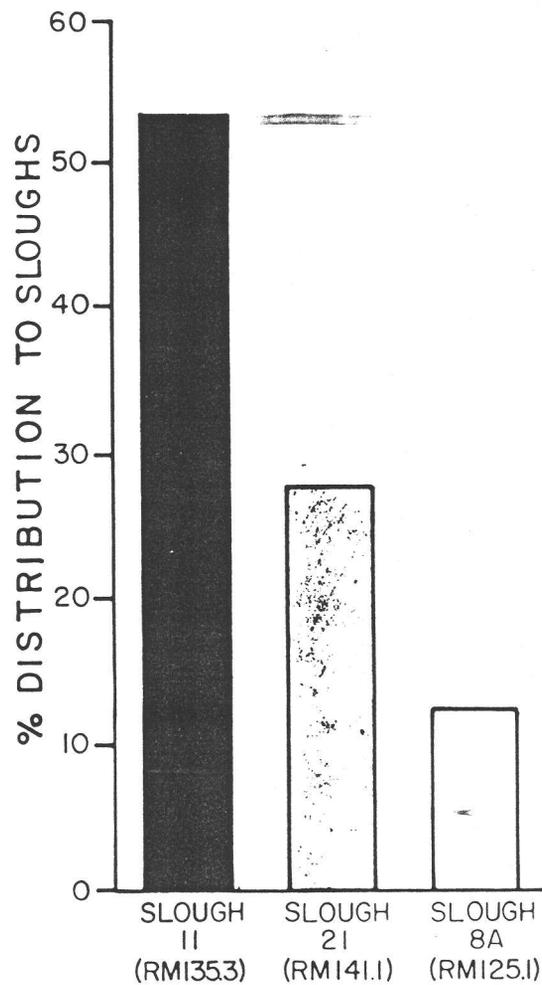
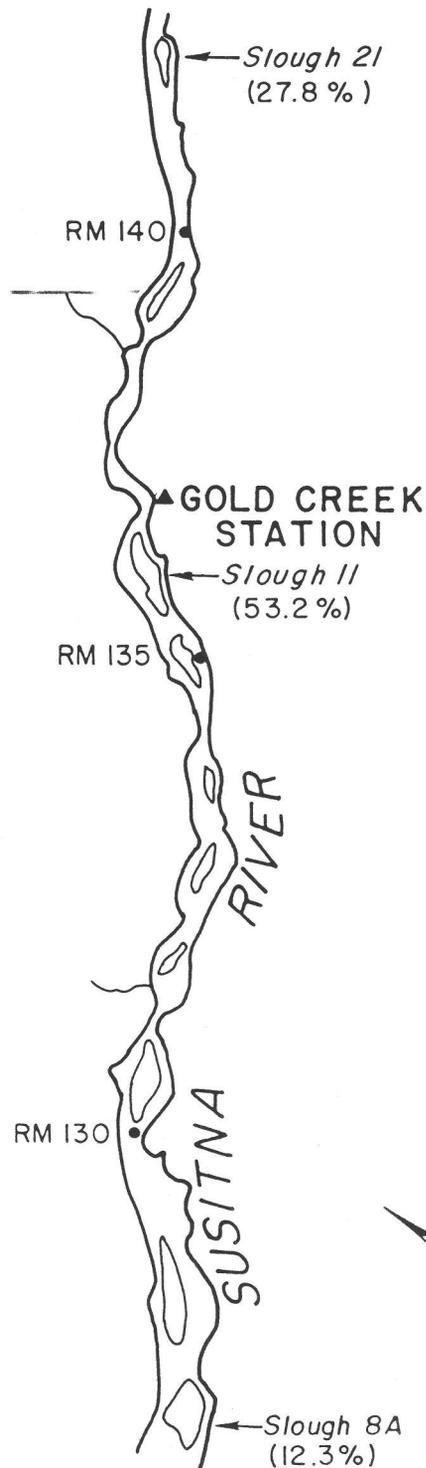


* Min. Escapement = Yentna River Plus Above RM 80

1983 SOCKEYE SPAWNING AREAS



1983 SECOND RUN SOCKEYE SALMON SPAWNING SLOUGHS ABOVE RM 98.6



CONTRIBUTION
OF SUSITNA RIVER TO
UPPER COOK INLET

COMMERCIAL PINK SALMON CATCH:

≈ 80-90% ↓

1982 HARVEST (PRE.) ≈ 790 THOUSAND

1983 HARVEST (PRE.) ≈ 80 THOUSAND

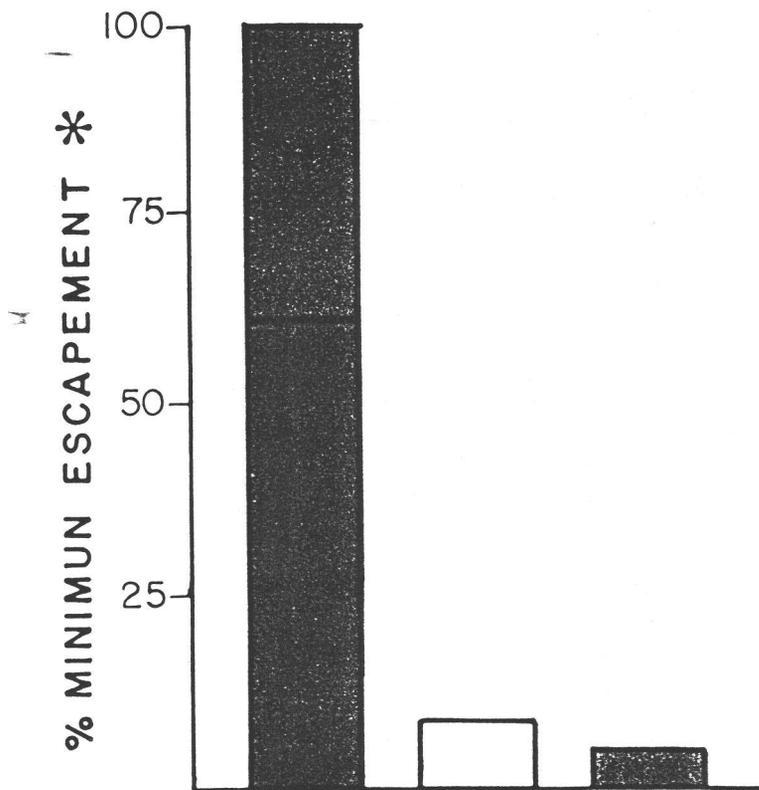
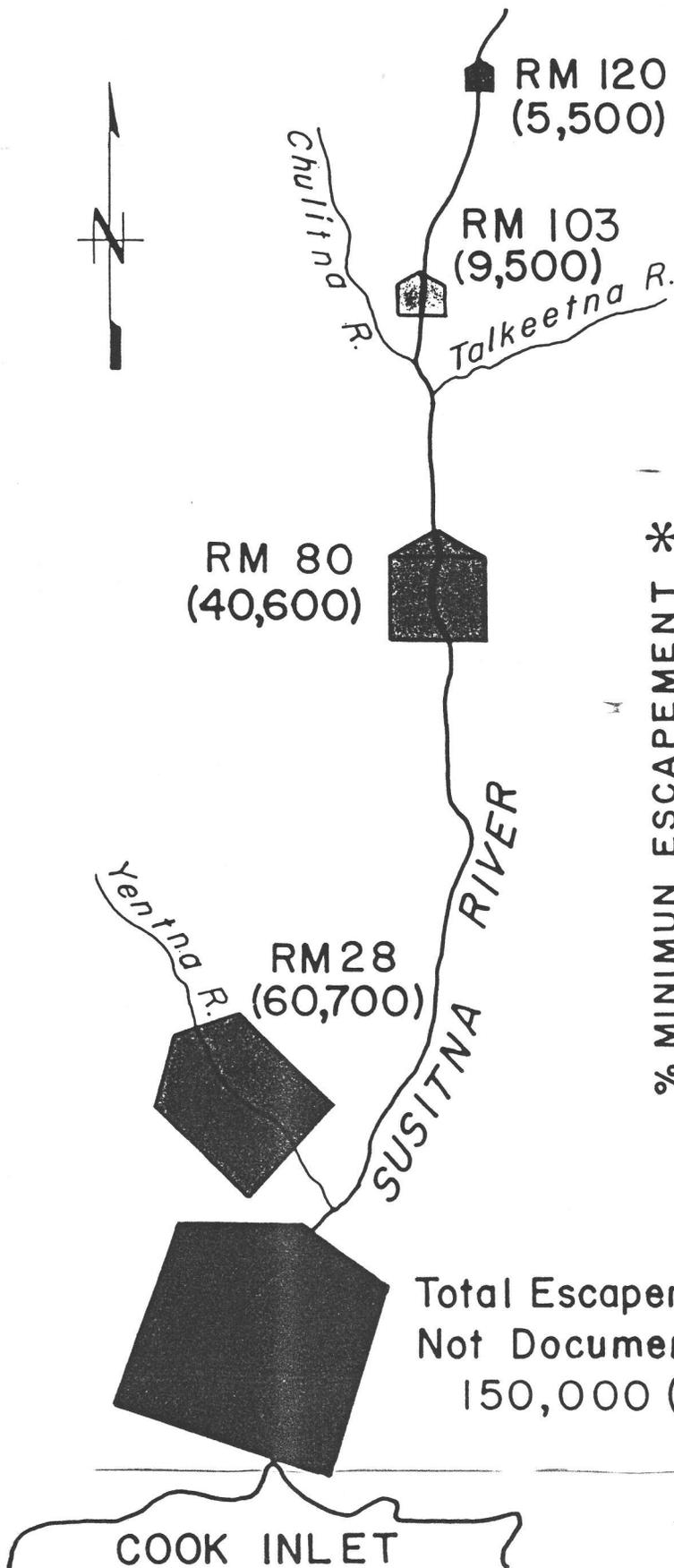
10 YEAR AVERAGES (63-83)

- EVEN YEAR ≈ 1.5 MILLION

- ODD YEAR 165 THOUSAND

↓
BASED ON PROFESSIONAL JUDGEMENT

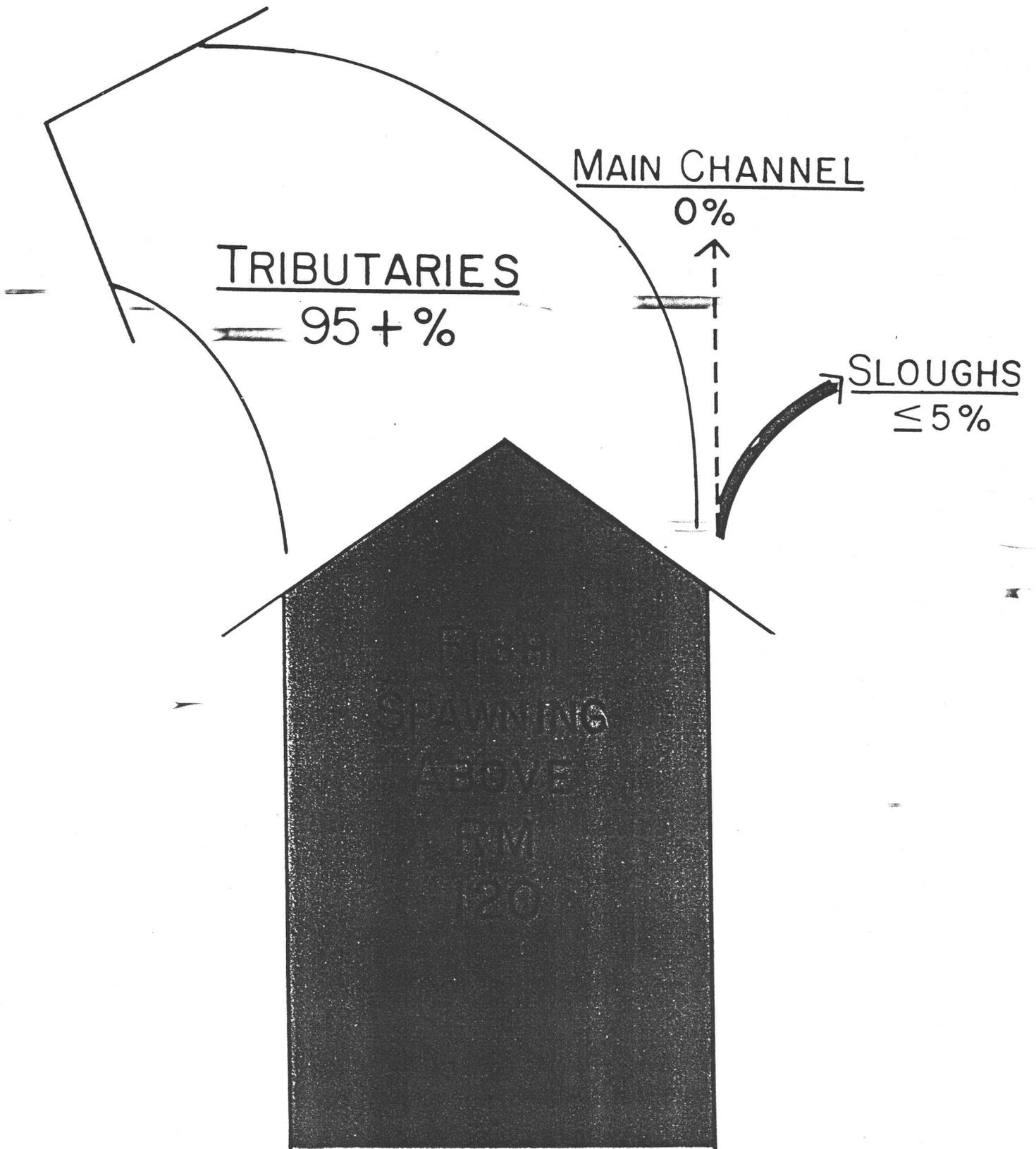
SUSITNA 1983 PINK ESCAPEMENT



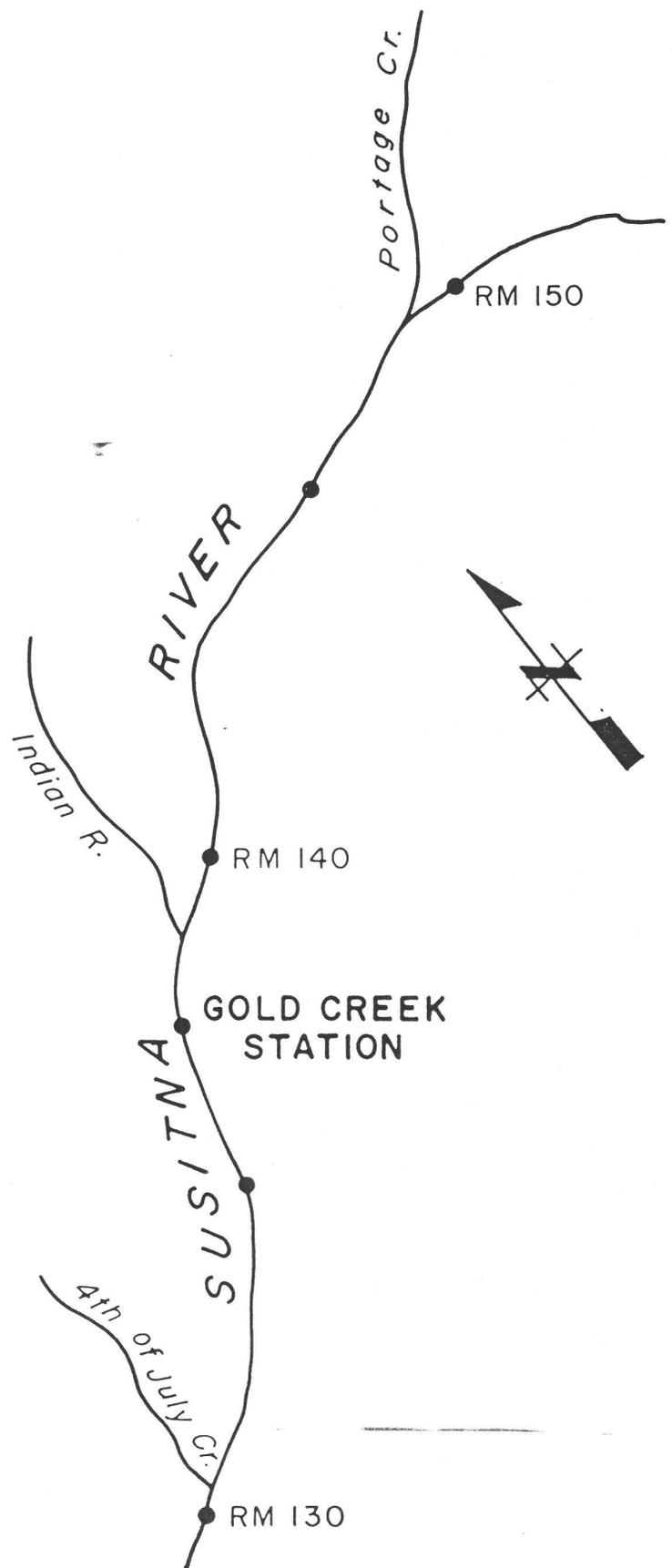
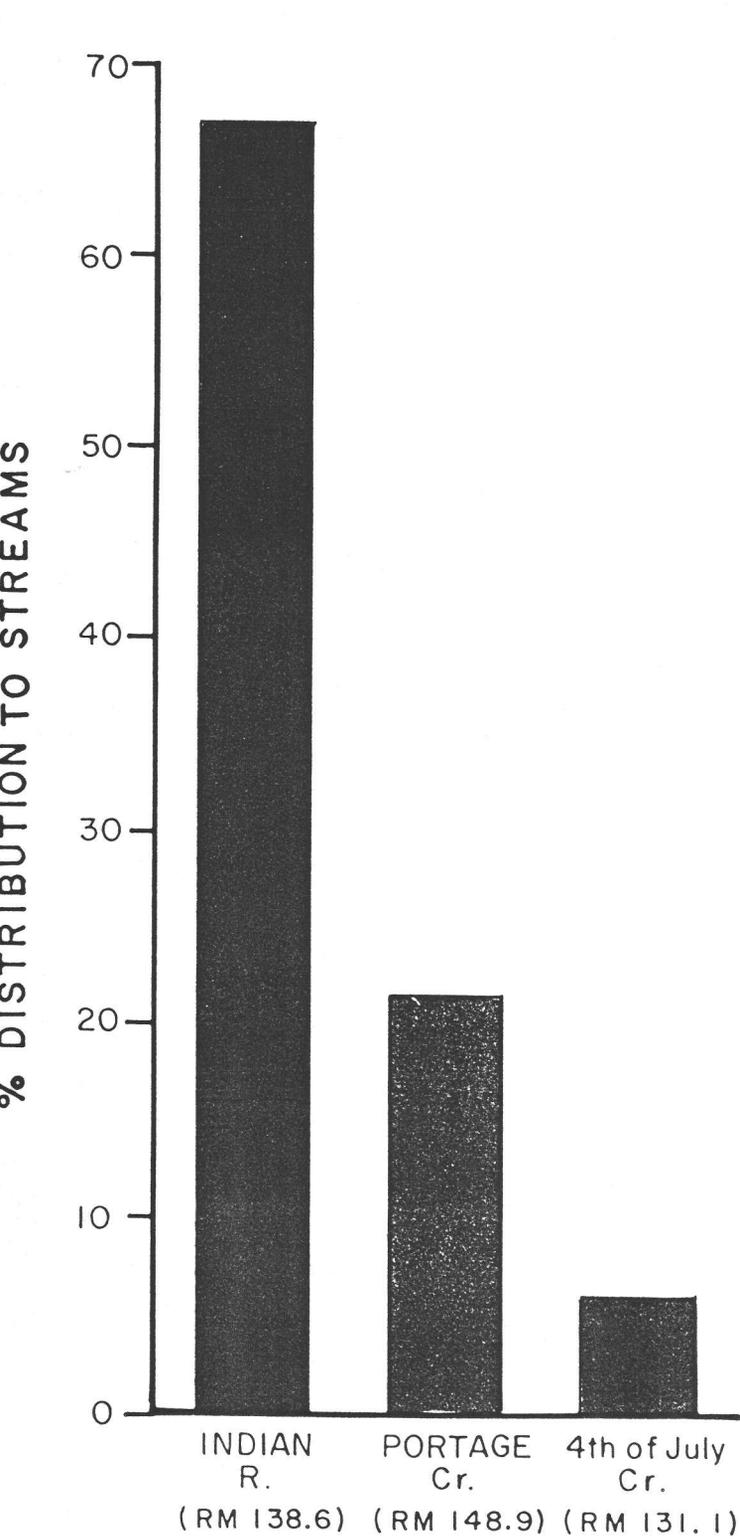
* Min. Escapement = Yentna River Plus Above RM 80

Total Escapement
Not Documented
150,000 (?)

1983 PINK SPAWNING AREAS



1983 MAJOR PINK SALMON SPAWNING STREAMS ABOVE RM 98.6



CONTRIBUTION
OF SUSITNA RIVER TO
UPPER COOK INLET

COMMERCIAL CHUM SALMON CATCH :

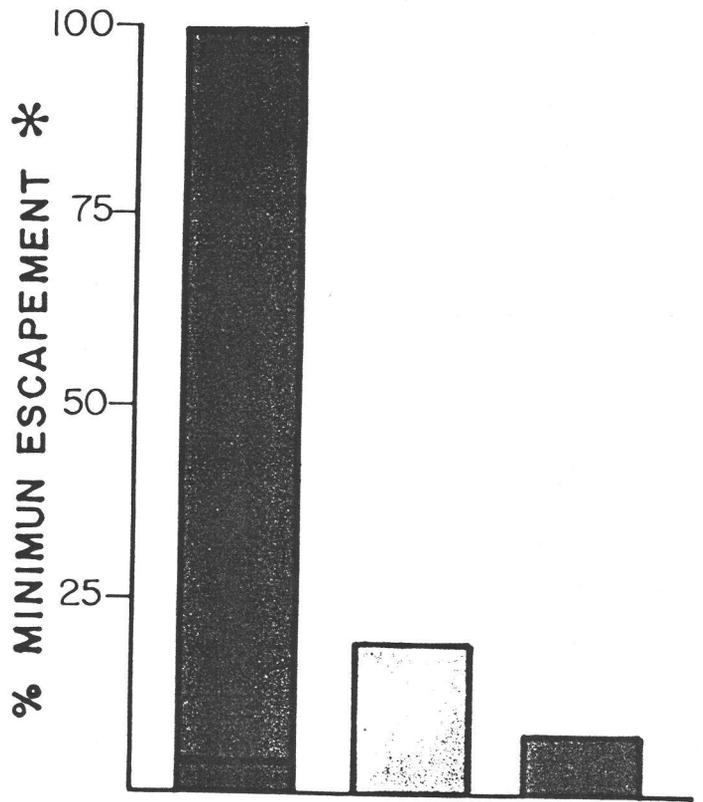
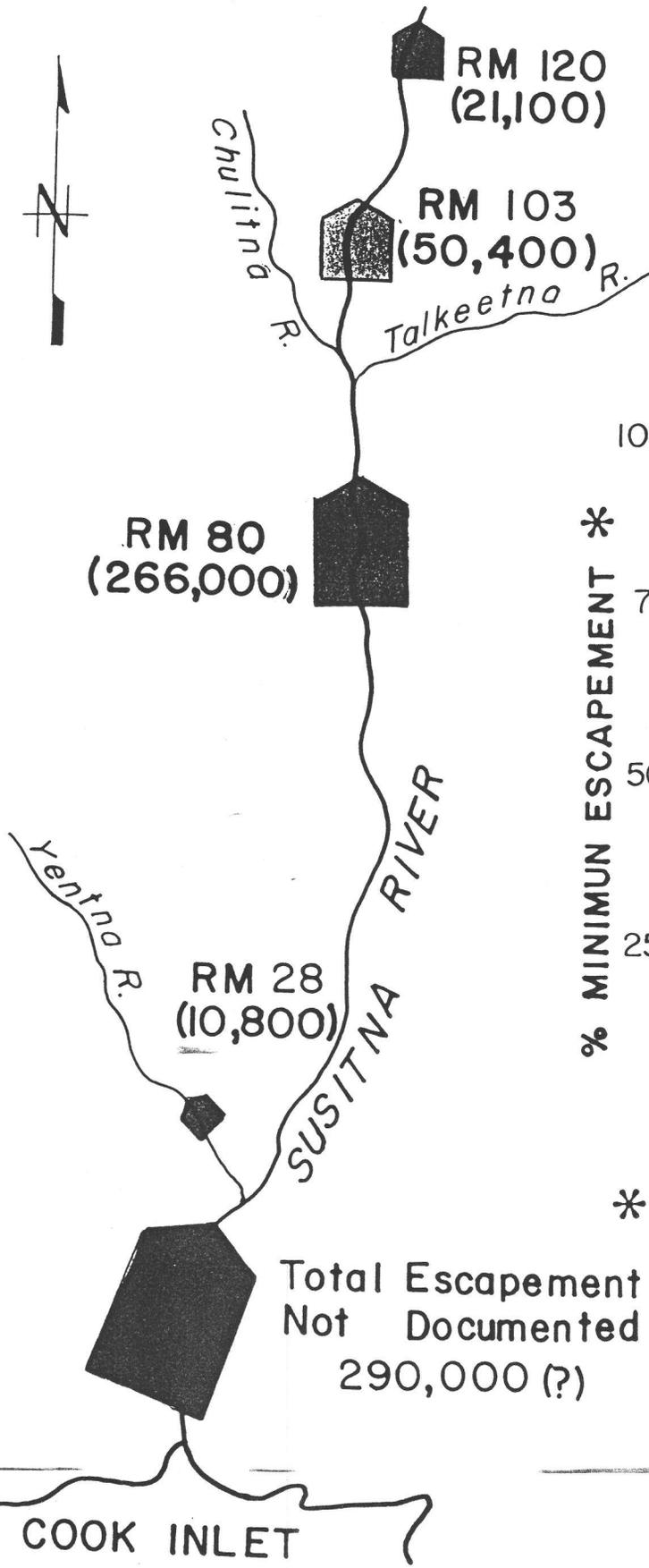
~~_____~~
≈ 80-90% ↓

1983 HARVEST (PRE.) ≈ 1.1 MILLION

10 YEAR AVERAGE (74-83) ≈ 0.8 MILLION

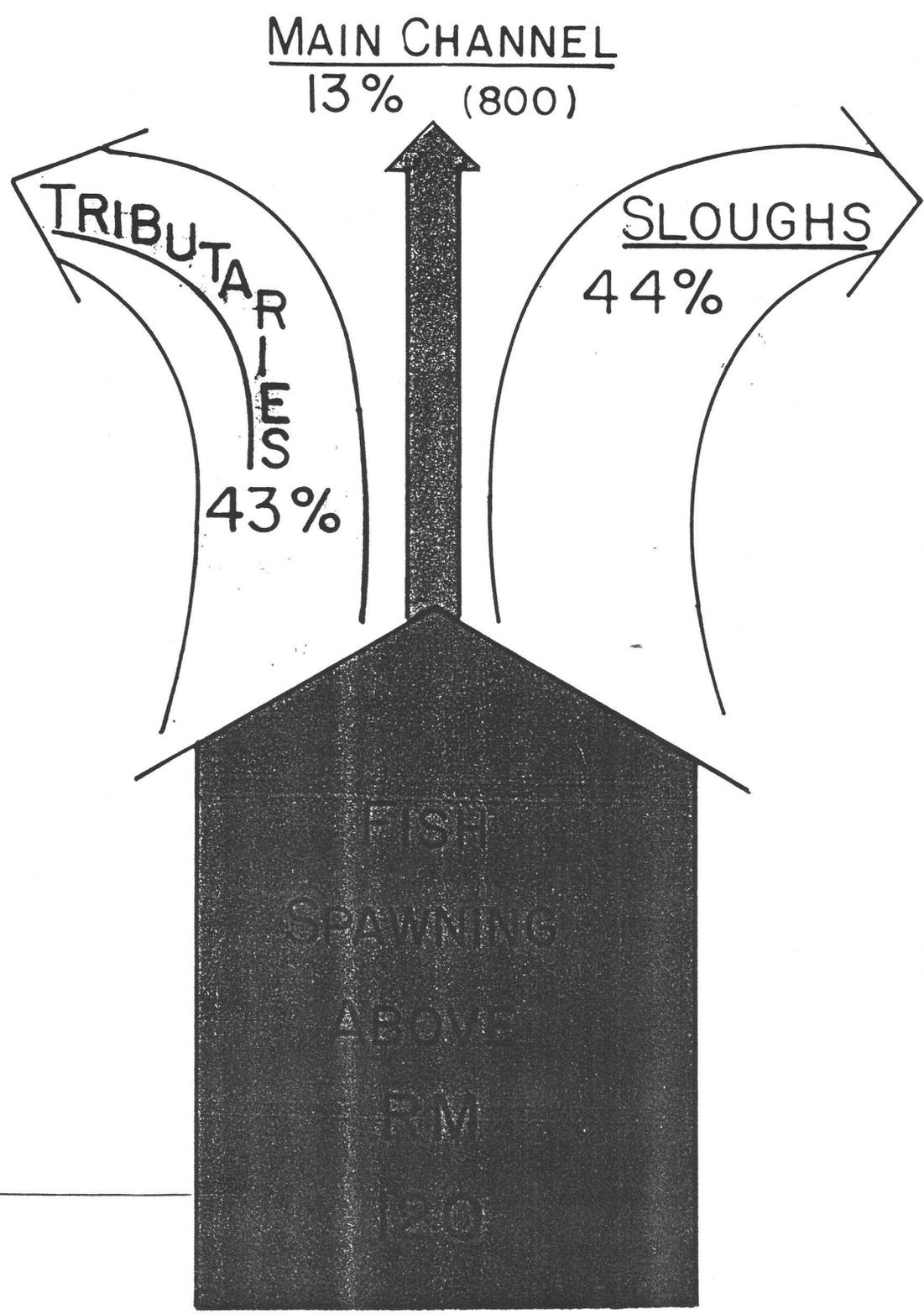
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BASED ON PROFESSIONAL JUDGEMENT

SUSITNA 1983 CHUM ESCAPEMENT

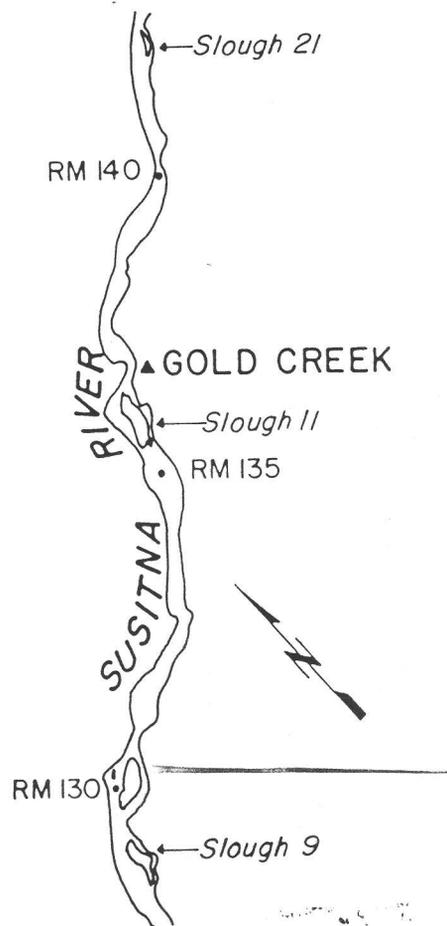
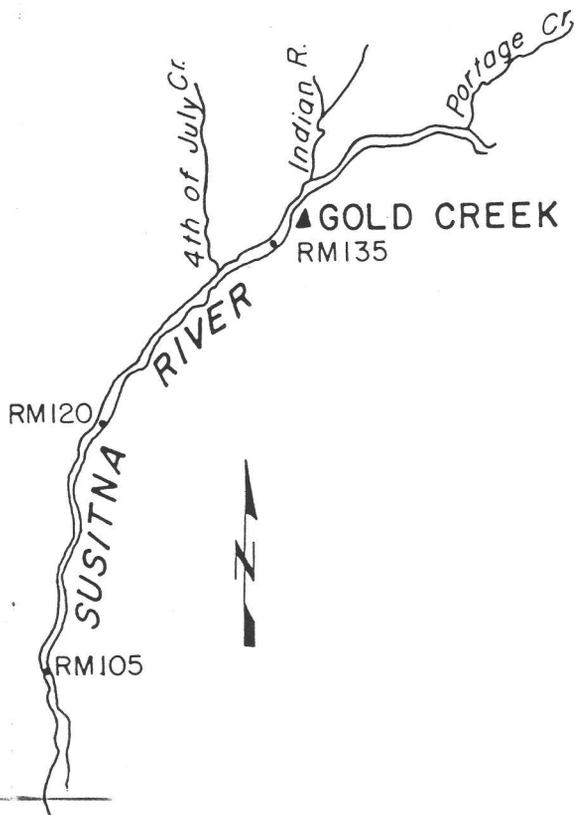
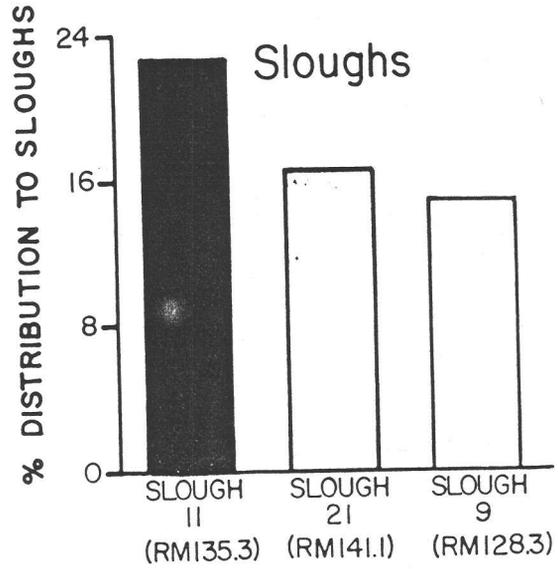
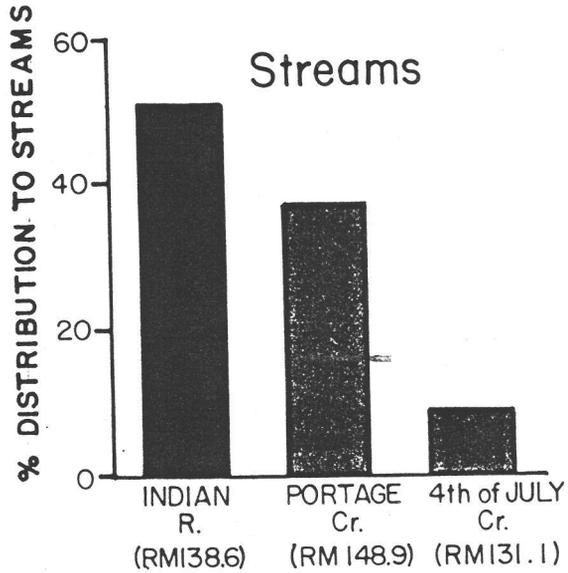


* Min. Escapement = Yentna River Plus Above RM 80

1983 CHUM SPAWNING AREAS



1983 MAJOR CHUM SALMON SPAWNING AREAS ABOVE RM 98.6



CONTRIBUTION
OF SUSITNA RIVER TO
UPPER COOK INLET

COMMERCIAL COHO SALMON CATCH:

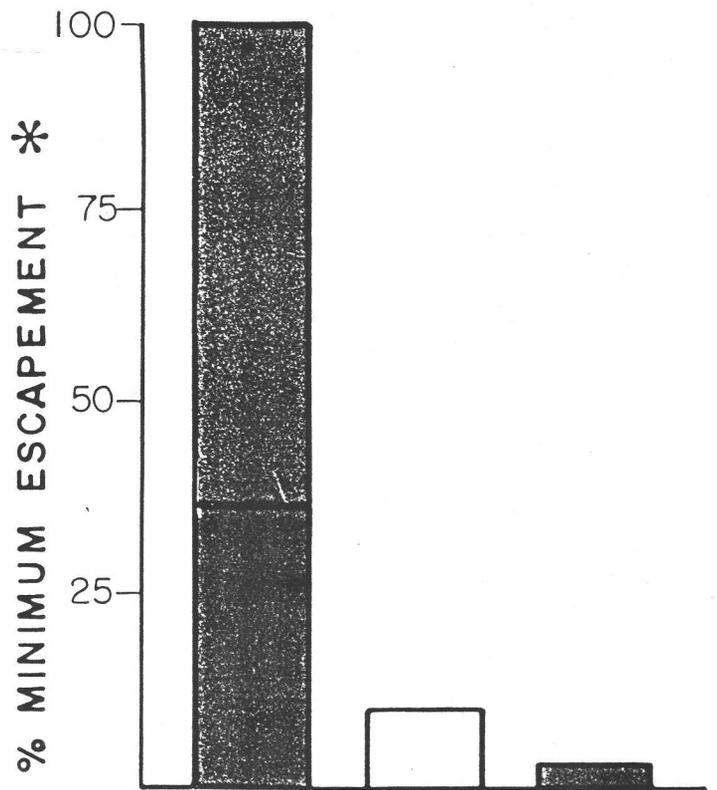
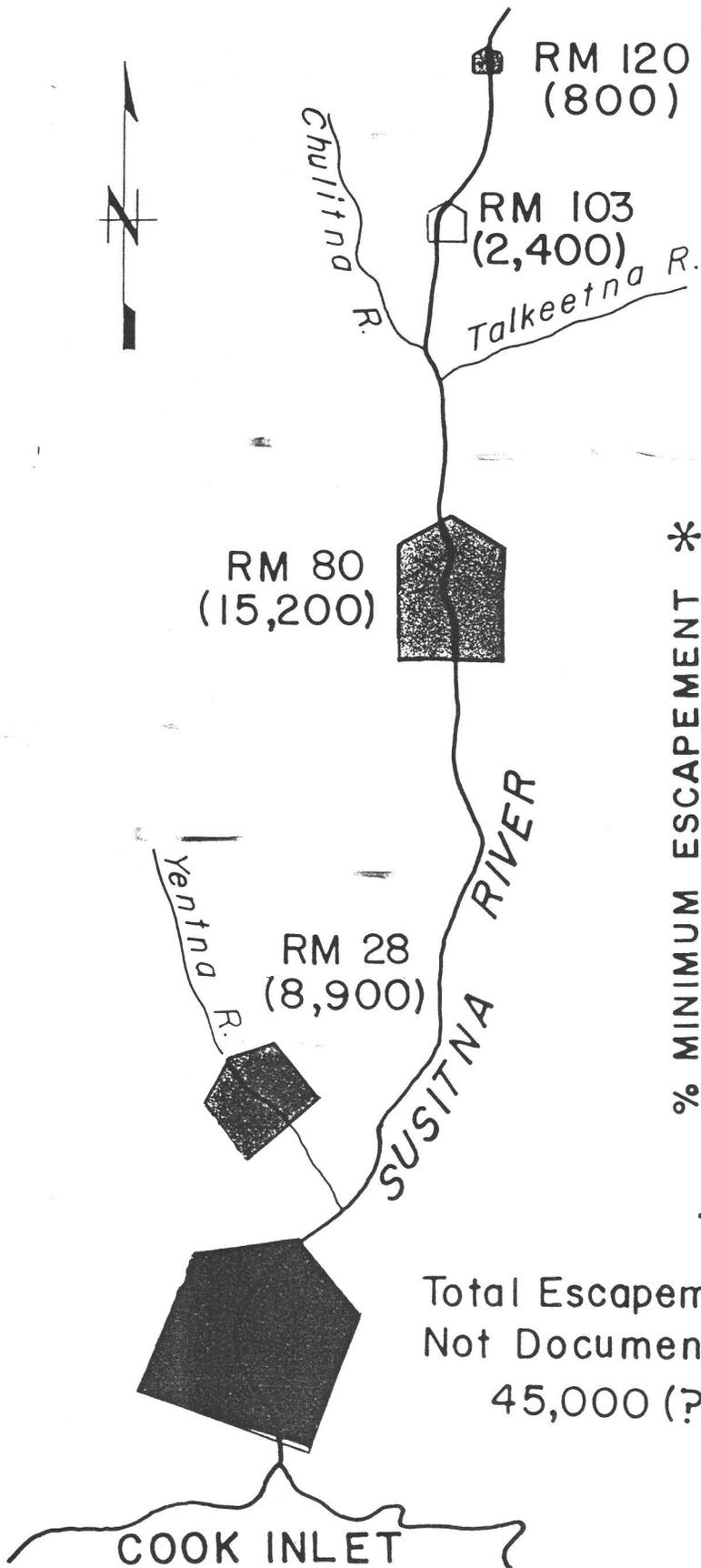
$\approx 50\%$

1983 HARVEST (PRE.) \approx 500 THOUSAND

10 YEAR AVERAGE (74-83) \approx 340 THOUSAND

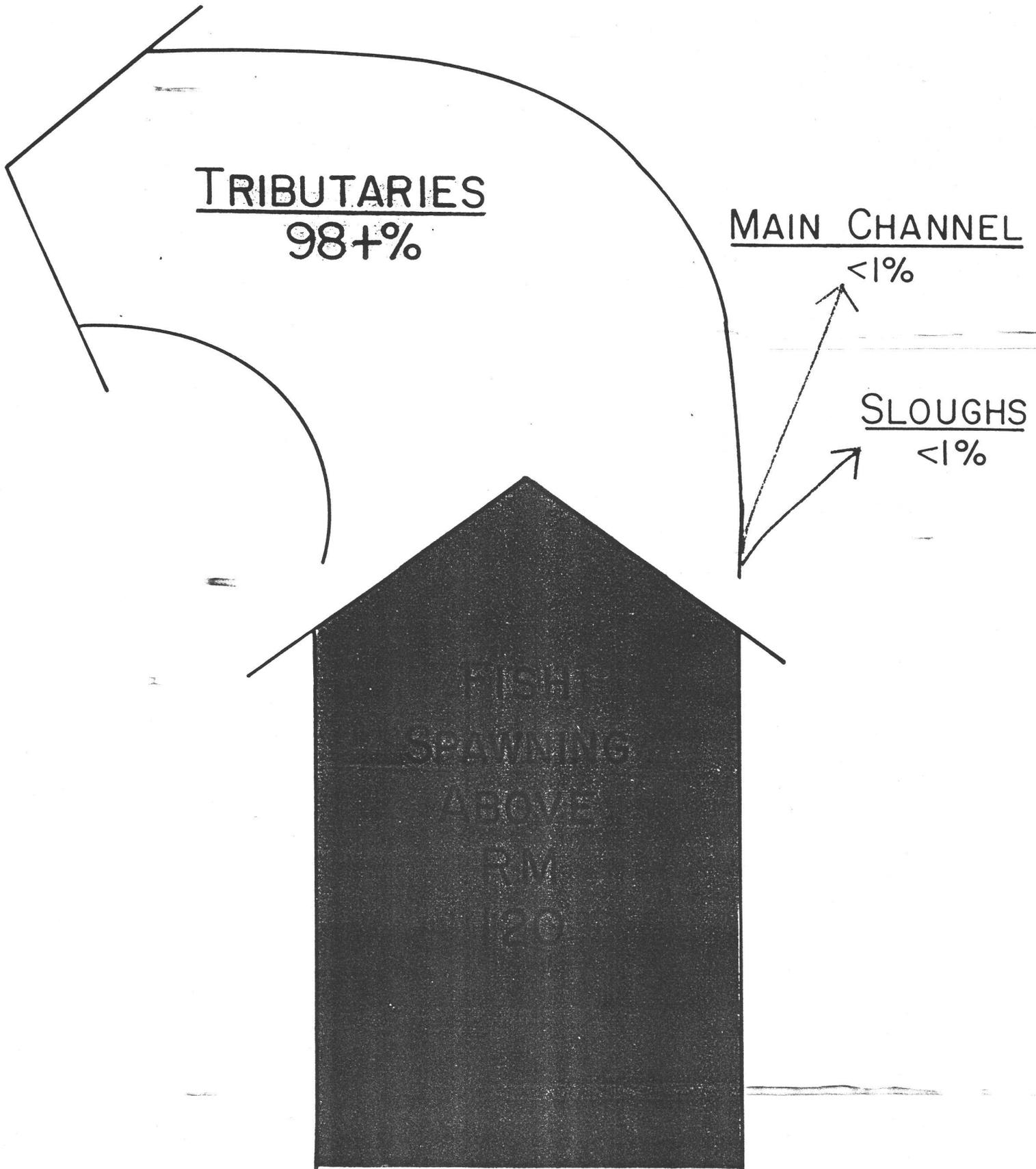
\surd
BASED ON PROFESSIONAL JUDGEMENT

SUSITNA 1983 COHO ESCAPEMENT

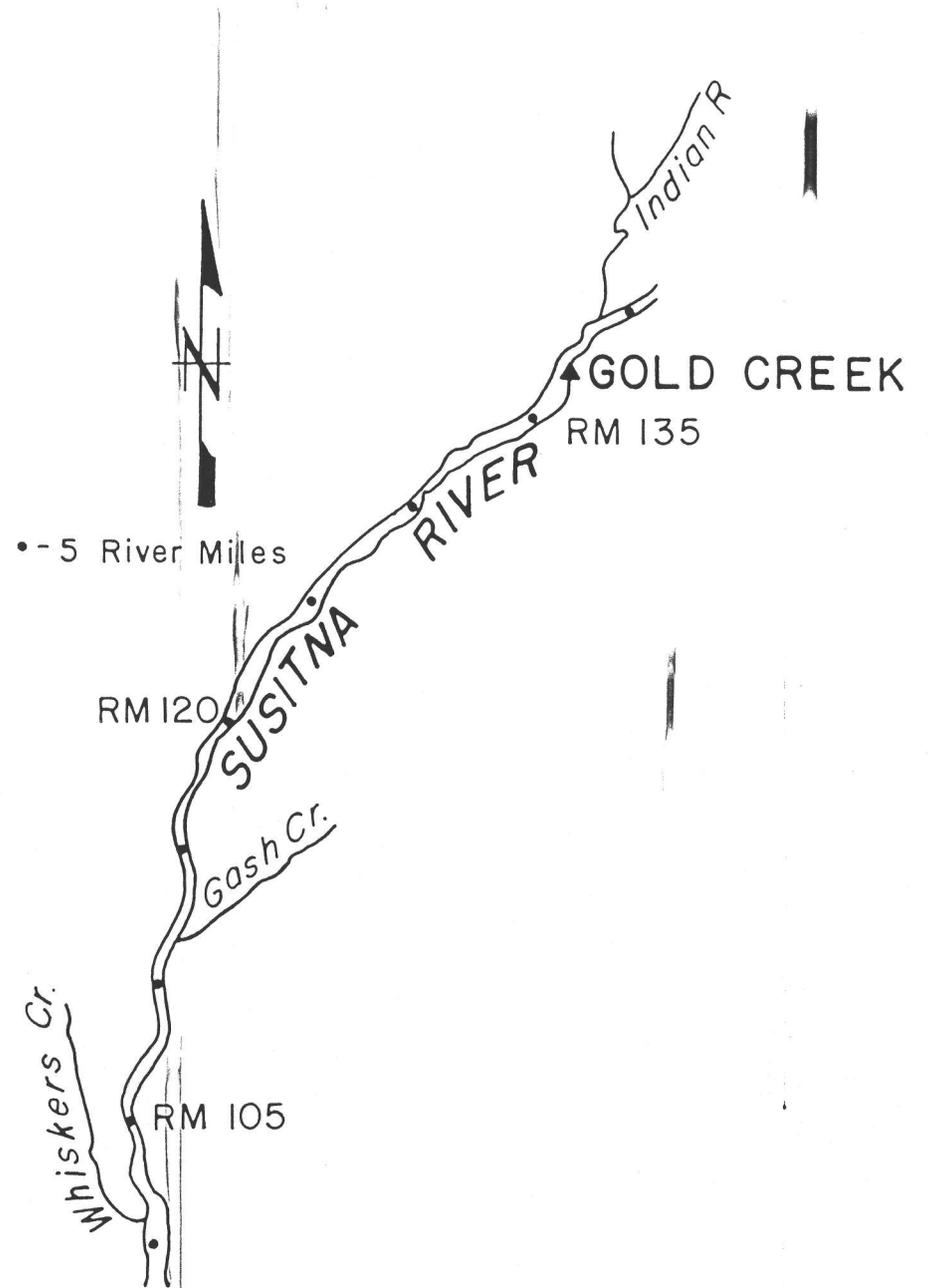
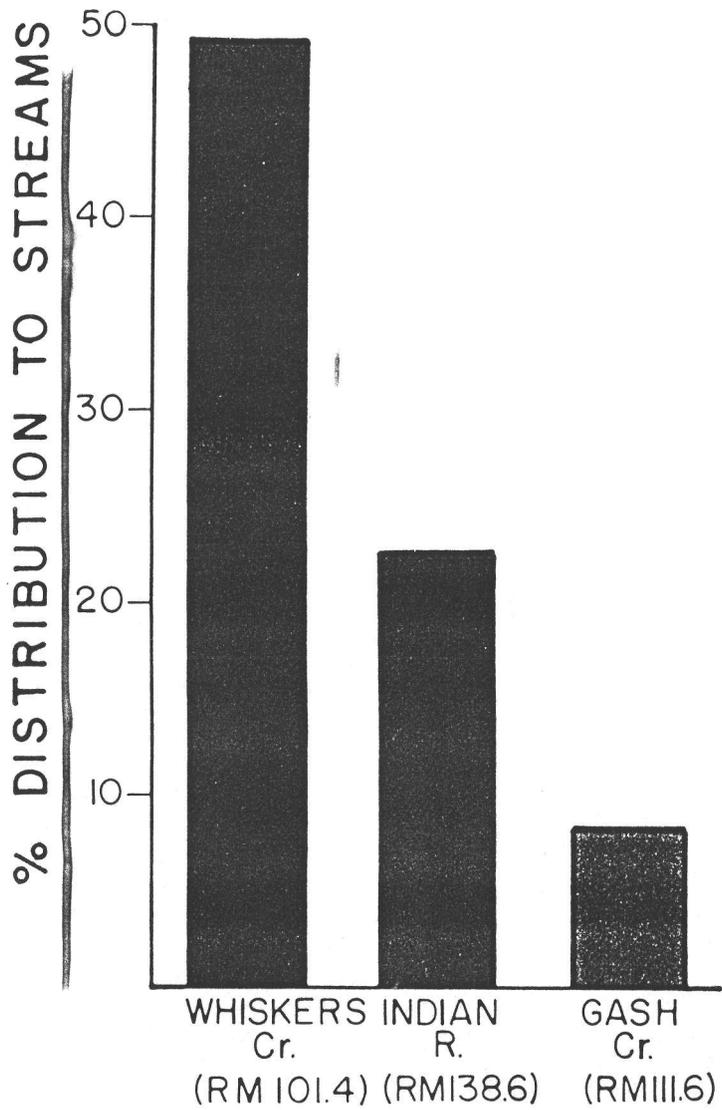


* Min. Escapement = Yentna River Plus Above RM 80

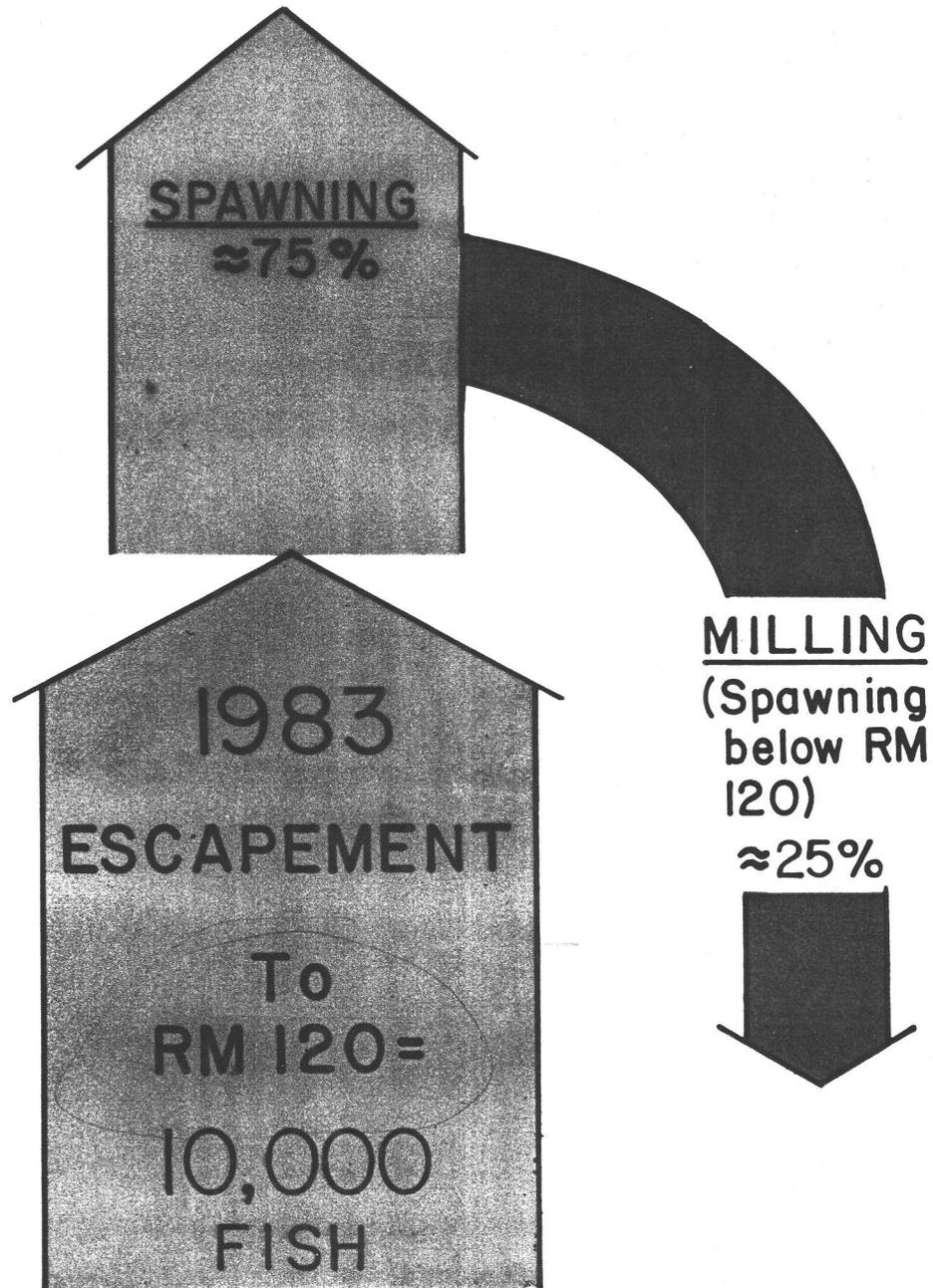
1983 COHO SPAWNING AREAS



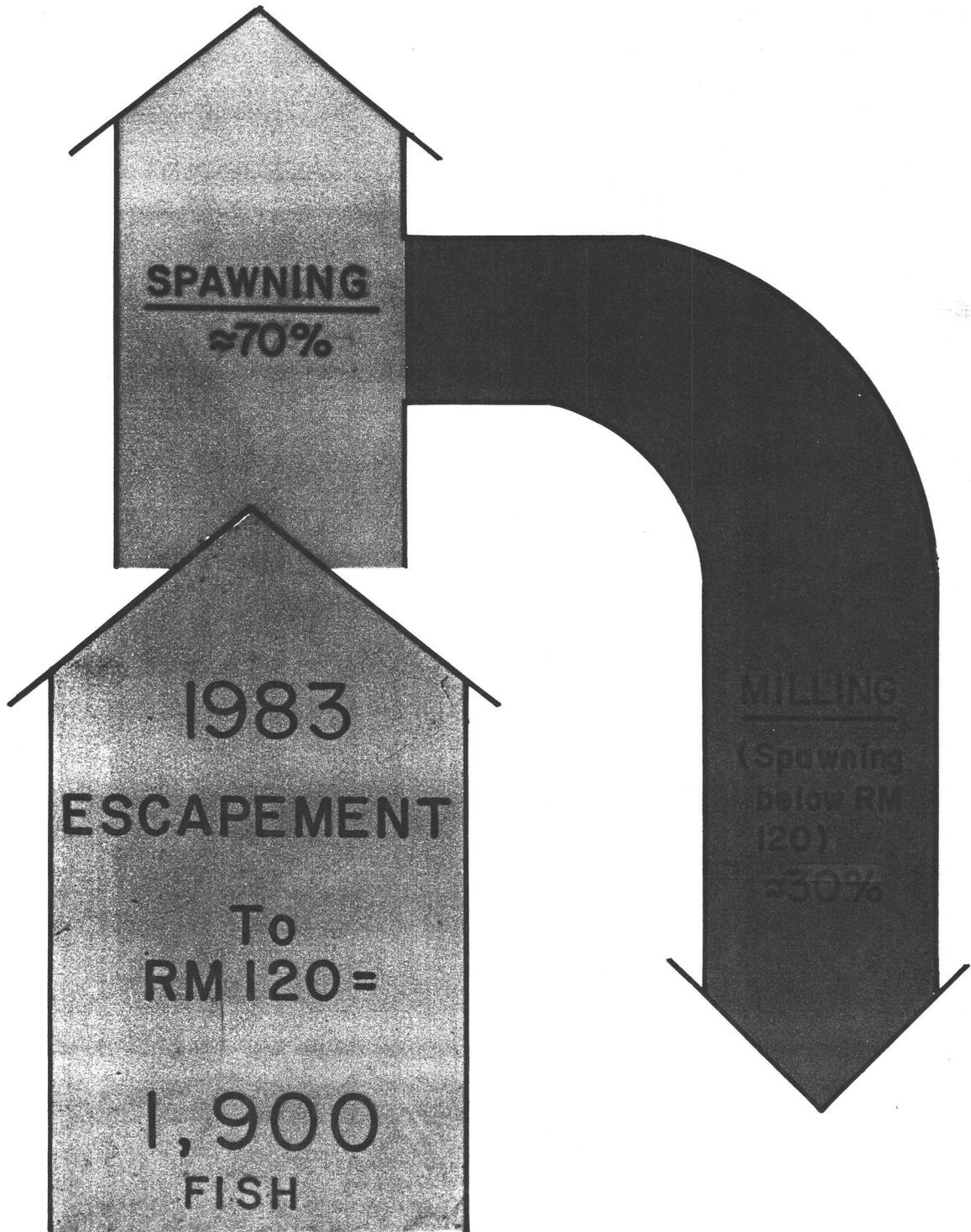
1983 MAJOR COHO, SALMON SPAWNING STREAMS ABOVE RM 98.6



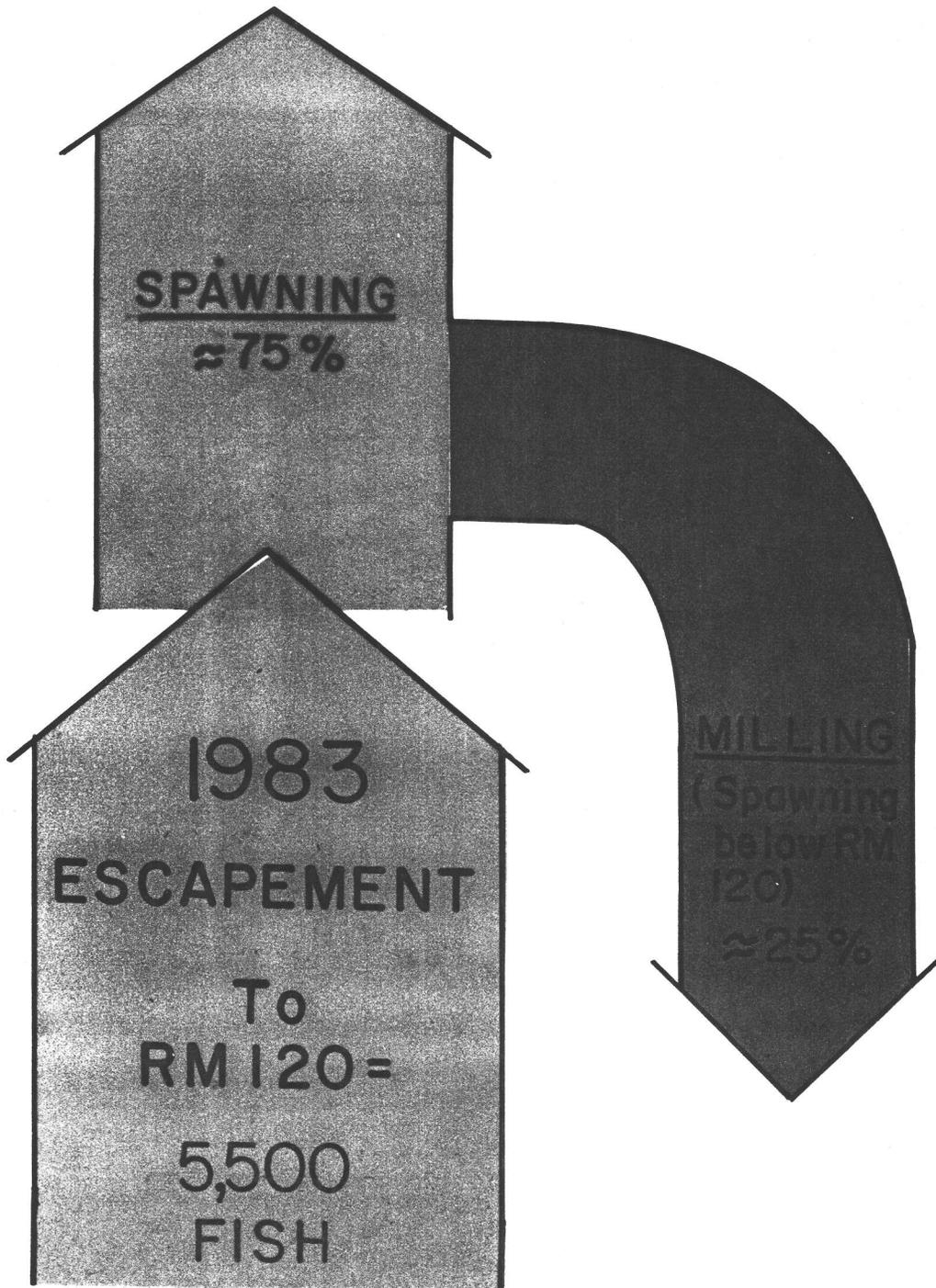
1983 CHINOOK SALMON



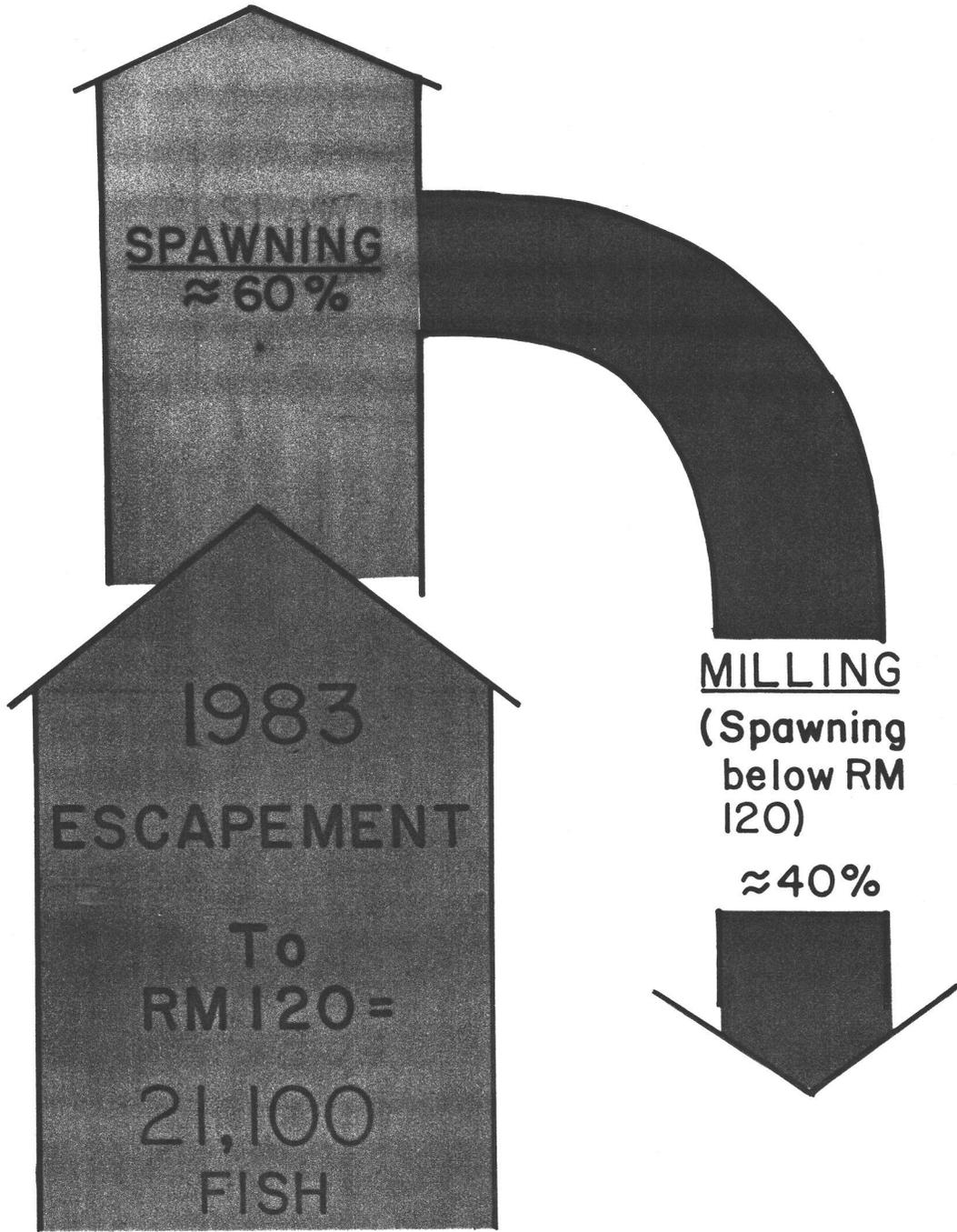
1983 SOCKEYE SALMON



1983 PINK SALMON



1983 CHUM SALMON



1983 COHO SALMON

