

STREAM SURVEY SUMMARY

103-60-047
103-60-10470

STREAM KLAWOCK RIVER

loc. Prince of Wales Island

22' 58"

05' 46"

MAP REF. Craig (C-4) LAT. 55° 33' N LONG. 133° 1' W
TRIBUTARY TO _____ MAIN DRAINAGE Drains to Klawock Inlet
ORIGIN Klawock Lake LENGTH 1.5 miles WATERSHED AREA _____

1. FLOW
RANGE _____ cfs VELOCITY slow-mod. AVG. WIDTH _____ AVG. DEPTH _____
FLOOD HEIGHT _____ COLOR/TURBIDITY brownish/slightly turbid
By road from Klawock or Craig, ferry terminal planned at Hollis,
also by plane from Ketchikan.
2. ACCESSIBILITY _____
3. ACCESS STATUS South Tongass Nat'l Forest, USFS trail along river, cabin at lake.
4. SECTION SURVEYED Mouth to lake
TRIBUTARIES Several small muskeg tributaries on north bank, 200 yds, 1/2 mile and
mile from mouth 2-4 ft. wide 3-6 in. deep.
5. BOTTOM TYPE lower 1/4 mile - 50% gravel, 40% rubble, 5% sand, 5% boulder ~~STREAM CHANNEL~~ upper 3/4 mile - rubble 85%, boulders 15% - slippery
6. POOLS - DESCRIPTION & FREQUENCY 3 pools. 1) at lagoon below falls with tide to 7-8 feet
deep, 150 ft. wide with abund shelter & vegetation. 2) 60 ft. wide, 5-6 ft.
deep w/large boulders, abund algae. North bank overhanging some shading w/spruce
hemlock. 3) large pool 100 ft. wide, 300 ft. long, deep (see attached).
7. BARRIERS Small falls at lagoon - 1-2 ft. at high tide, 3 ft. at low. Below lake
outlet falls w/7 ft. total drop one 4 ft. sheer drop. (see attached).
8. SPAWNING AREA Excellent in lower 1/4 mile above pool, bed mostly larger rubble.
9. BANK COVER Open for stretches to partially shaded by spruce hemlock salmonberry.
10. WATERSHED TYPE Muskeg drainage, with lake and mountains above.
Cutthroat, Dolly Varden, steelhead, red salmon, pink salmon, chum
11. FISH SPECIES salmon, silver salmon, cottids, spine stickleback.
This system has been heavily fished throughout historical record,
12. FISHING HISTORY the village of Klawock is located at the mouth of the river.
13. FISHING INTENSITY Heavily fished by locals especially for steelhead and salmon.
14. INVERTEBRATES
ABUNDANCE Surbers taken weekly throughout study.
Black and green mosses common to abundant, green filamentous
15. AQUATIC VEGETATION algae common, higher plants - equisetum, bladderworts, Cihypads
common.
16. WATER USE None.
17. POLLUTION None.
18. REMARKS This is an excellent sport fish stream. The pools are easily accessible
from the road and the fish species are diverse and abundant. Heavy
commercial/subsistence fishing of sockeye and coho in the lagoon and
heavy sport' fishing (often times by snagging) could have further
detrimental effects on the already depleted runs.

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF SPORT FISH

SUPPLEMENTAL DATA

NAME KLAWOCK RIVER

LOCATION Prince of Wales Is.

6. POOLS-DESCRIPTION & FREQUENCY with good shelter, i.e. fallen logs and sedges.
7. BARRIERS Not complete barrier to anadromous fish.

MINNOW TRAPS 6 trap hours, June 24

| <u>D.V.</u> | <u>SS</u> | | | | <u>3 Spine Stickleback</u> | <u>Sculpin</u> |
|-------------|-----------|-----|-----|-----|----------------------------|----------------|
| 13.3 | 8.3 | 4.7 | 5.7 | 6.3 | 6.2 | 8.0 |
| 11.0 | 8.1 | 4.5 | 5.4 | 4.6 | | |
| 9.7 | 7.0 | 4.9 | 4.9 | 4.5 | | |
| 11.6 | 5.6 | 4.4 | 4.8 | | | |
| 9.4 | 6.3 | 4.9 | 5.3 | | | |
| 9.6 | 7.4 | 6.1 | 4.7 | | | |
| 9.3 | 7.8 | 7.3 | 5.8 | | | |
| 10.6 | 5.0 | 5.7 | 5.7 | | | |
| 8.6 | 4.8 | 5.6 | 9.7 | | | |
| | 5.0 | 5.8 | 9.6 | | | |

1 trap hour, August 22

| <u>D.V.</u> | <u>SS</u> | | | <u>Sculpin</u> | | <u>Cottus asper</u> |
|-------------|-----------|-----|-----|----------------|------|---------------------|
| 15.3 | 9.0 | 8.0 | 5.0 | 10.6 | 12.0 | |
| | 8.5 | 9.9 | 7.2 | 10.9 | 9.5 | |
| | 9.6 | 7.8 | 7.0 | 11.5 | 11.1 | All prickly |
| | 8.6 | 7.2 | 6.8 | 8.6 | 9.5 | sculpin |
| | 8.2 | 8.2 | | 13.2 | 8.0 | |
| | 9.0 | 5.0 | | 9.4 | | |
| | 9.0 | 8.6 | | 10.0 | | |
| | 8.0 | 6.5 | | 11.7 | | |
| | 10.1 | 8.4 | | 9.5 | | |
| | 7.8 | 6.1 | | 9.6 | | |

BY Short-Behr

DATE _____