

Wilson River
101-55-10200



101-55-20 & 40

Wilson/Blossom Rivers confluence.
Blossom enters from left, center.



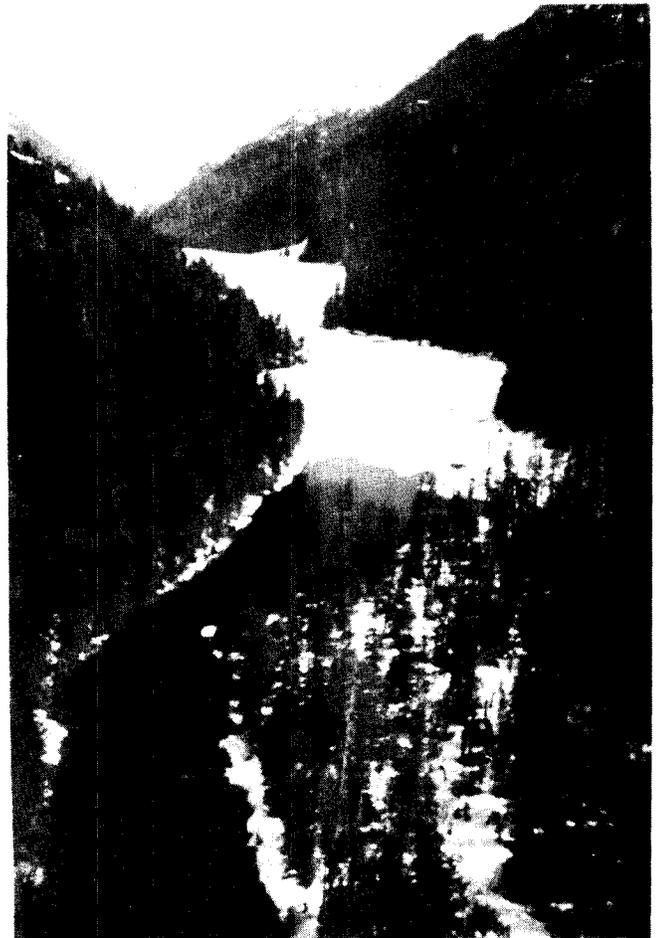
101-55-40, midsection Blossom River, 6-5-76.



WILSON RIVER



WILSON RIVER
40-50' falls below
lake.



Lower Wilson Lake
F.S. cabin on right
shoreline.



WILSON RIVER
Above Lake



WILSON RIVER
Above Lake

101-55-10200
Wilson River
101-55-20
4-25-75
Novak, Ahrendt

40% A.S.A.

Moderate velocity
rubble
10-20' wide.

X
Falls - rapids. End of
survey. Upper area snowfield
with boulders.

Braided area. Open timber
muskeg type along creek.

Excellent riffle areas
70% ASA.
Moderate velocity.

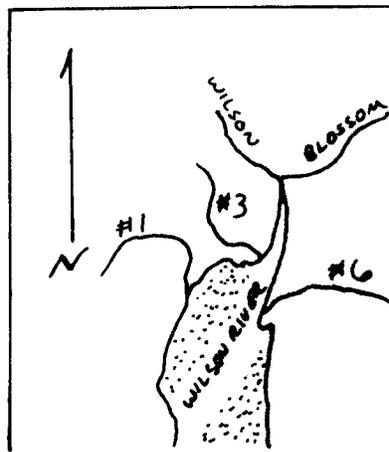
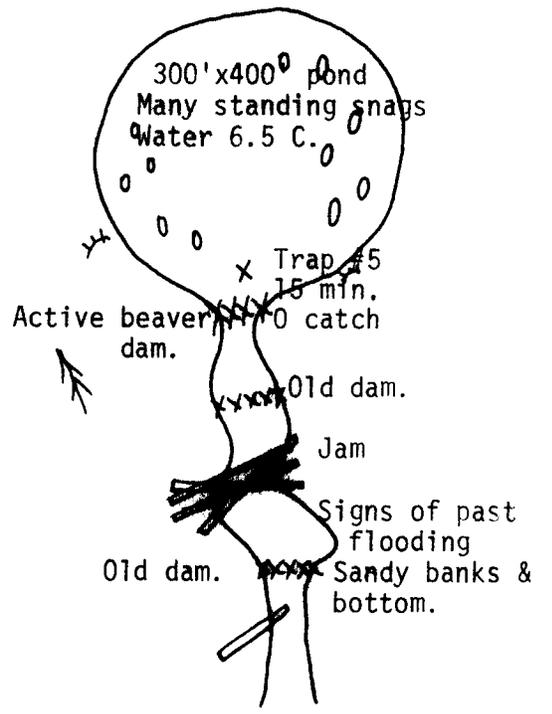
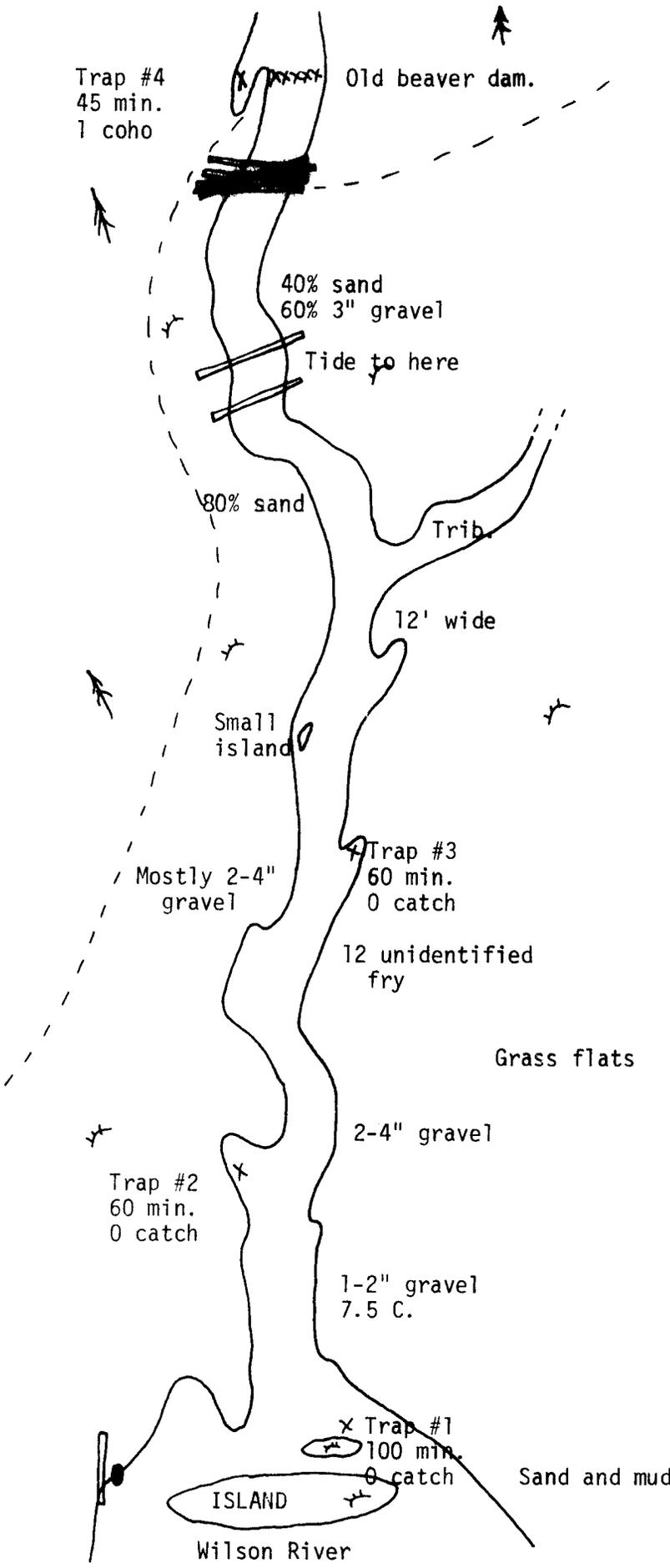
Braided area
60' width
10" depth

Station #1
Observed cutthroat
fingerling.
153' wide,
.9' deep

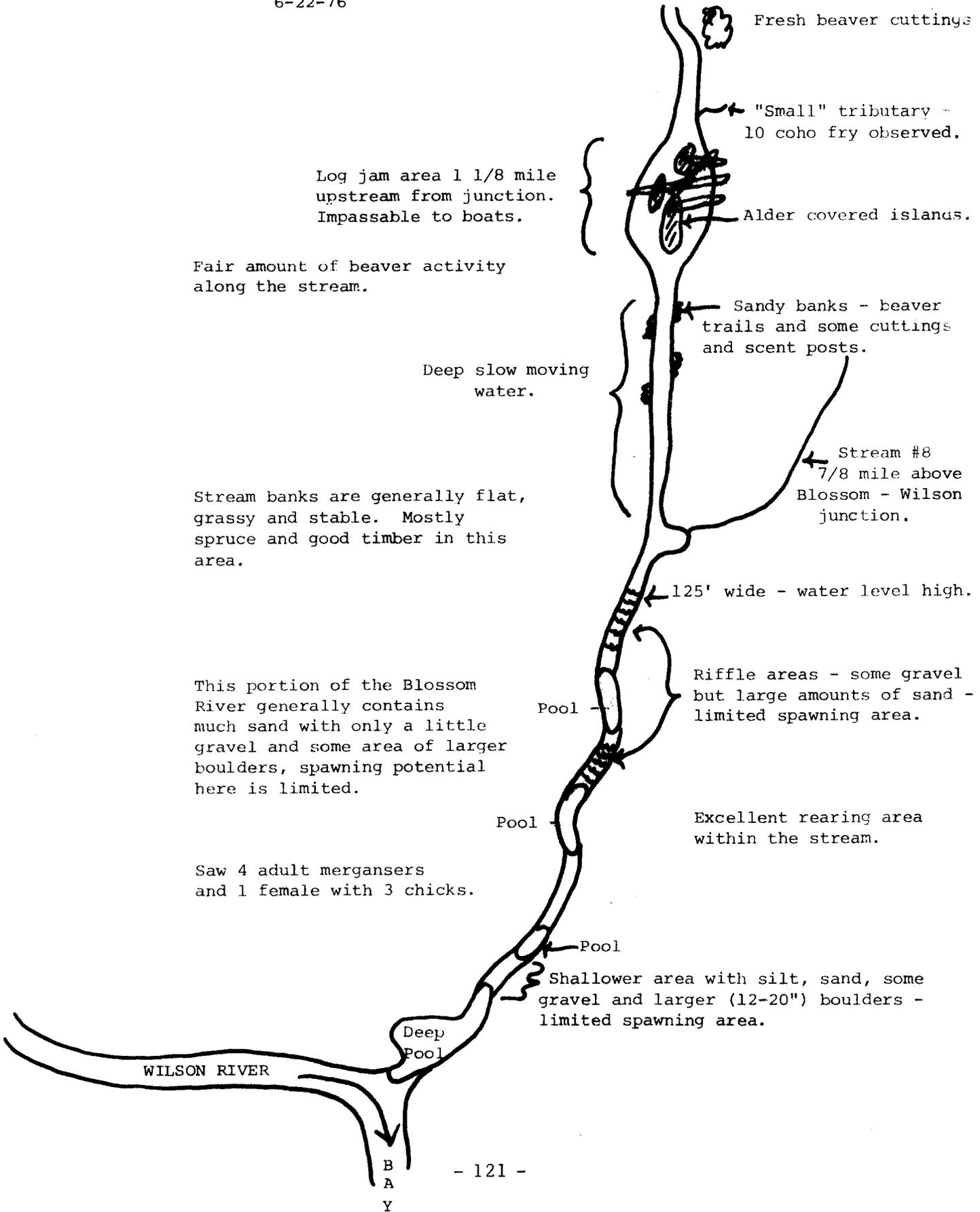
Muddy debris substrate
Slow moving waters.

WILSON LAKE

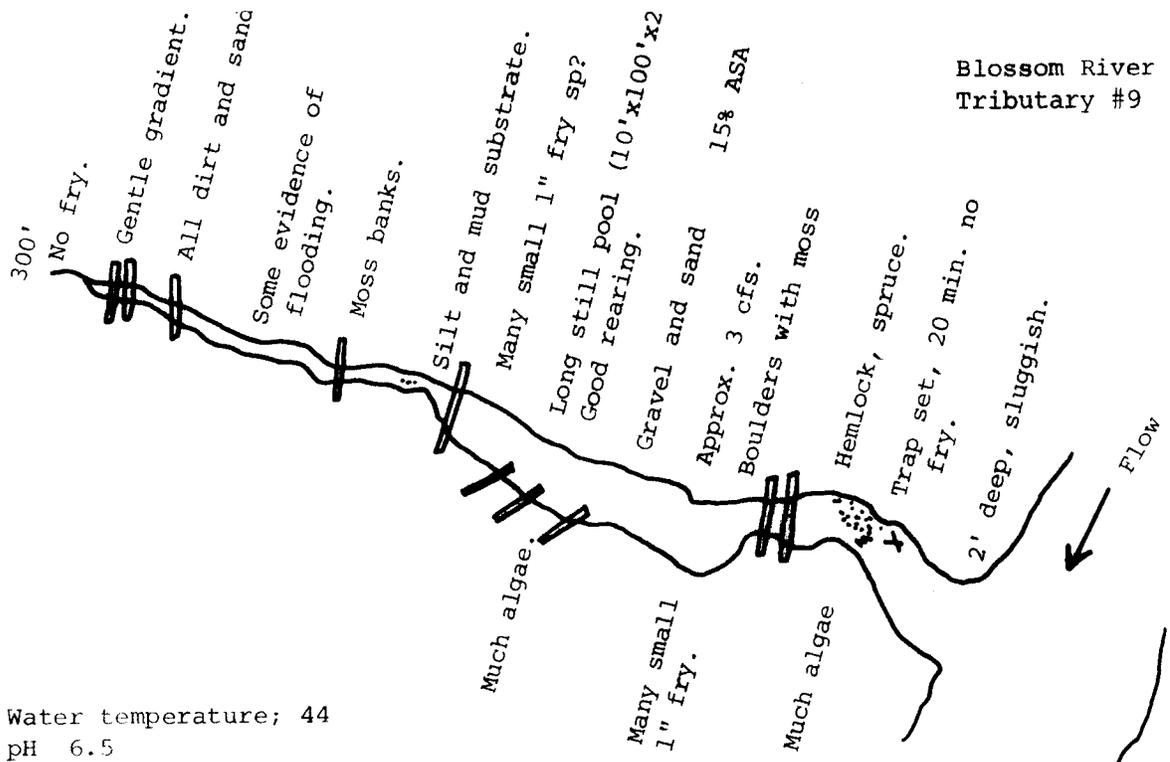
Wilson River - Tributary #1
 6-22-76
 Westlund, Dinneford



Blossom River
 Log jam to Wilson River
 P.Larson, B.Wood, G.Downey
 6-22-76

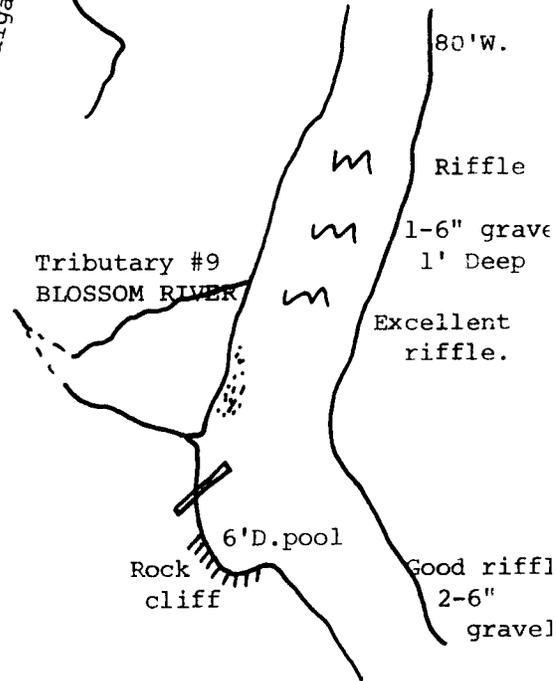
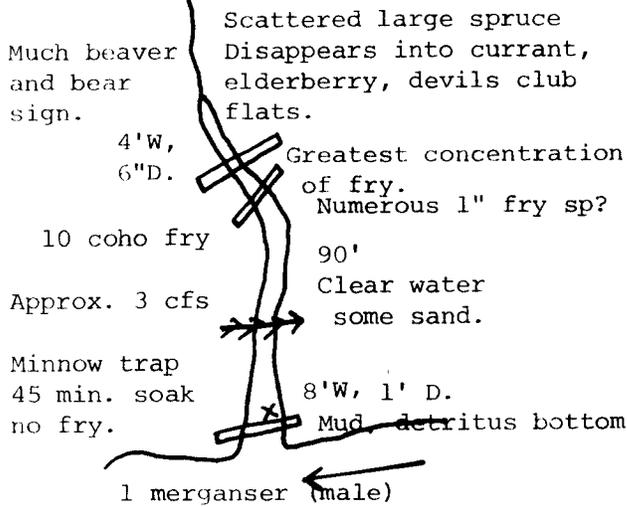


Blossom River
Tributary #9



Water temperature; 44
pH 6.5

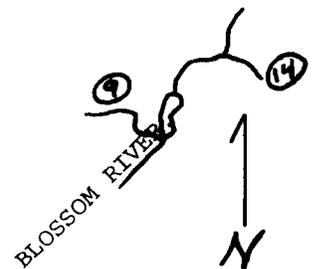
Lower section
of Trib. #9 150'



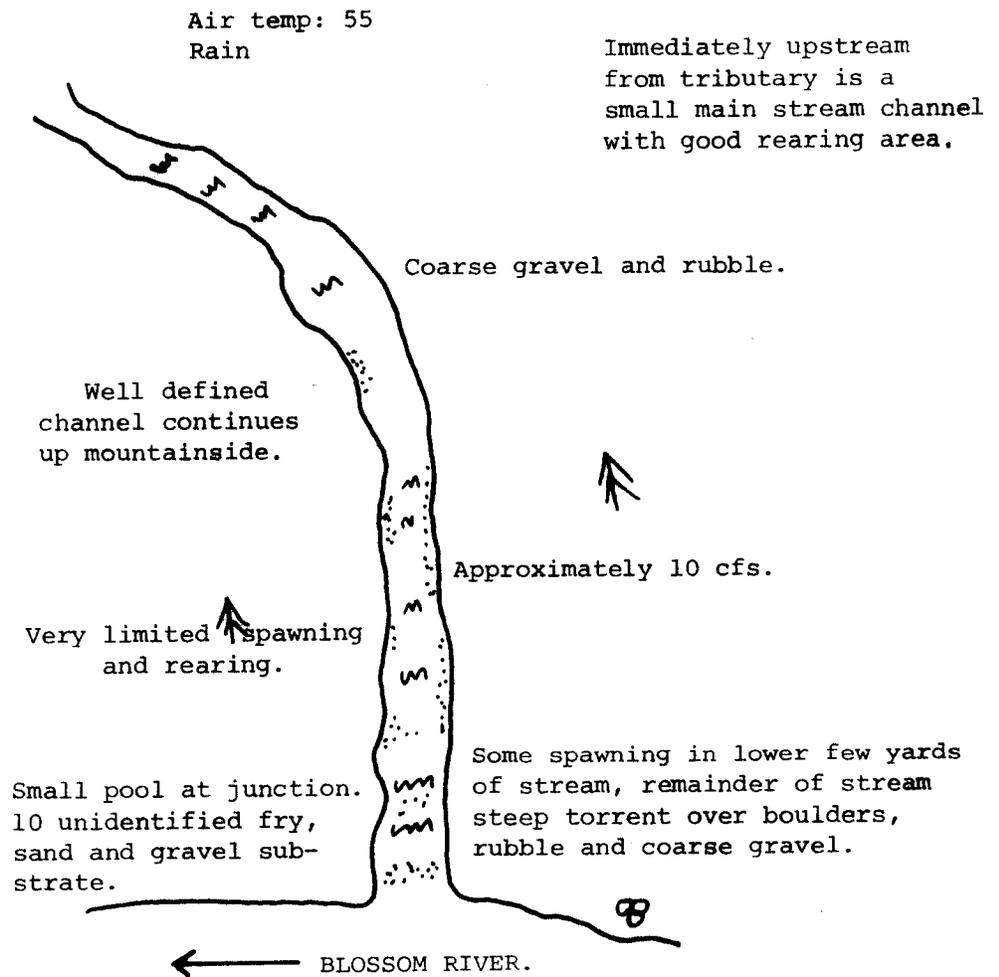
Observers: R.Larson, T. Jackinsky.

RECOMMENDATIONS:

These small streams provide little or no spawning but have many rearing fry for their size. Streams are not utilized after the gradient begins to increase. All activity should be restricted to the top of the slopes and provisions made to minimize siltation.
6-23-76



This is a torrential stream with clear water and a very steep gradient. In reality there is no spawning or rearing except at the junction with the Blossom. Stream looks as though it is subject to extreme water levels.



Name: Wilson River Catalog No.: 101-55-20
 Latitude: 55 23' 42" 24' 09" WR No.: 29
 Longitude: 130 26' 18" 25" K No.: K34
 Geodetic Map No.: Ketchikan C-2 Work Area: Ketchikan
 Location: Smeaton Bay - Wilson Arm. Watershed Length: 26 miles
 Drainage Area: 117.8 sq. miles

Water Supply Type: Lake system (384 acre Wilson Lake) fed by glaciers and several snowfields in the upper drainage.

Trails & Survey Routes: Survey by skiff up to junction with Blossom River, on foot above this point.

Aerial Survey Notes: Excellent conditions - colorless water, light colored substrate and open, wide valley.

Anchorage: Small boat may enter Wilson River cautiously at high tide and anchor in deep pool below Blossom River. Large vessels anchor fair off flats - east side.

Tide Stage when Surveyed: Second half of flood.

FISHERY RESOURCES

Commercial Fisheries: Pink salmon - major species. Other species - chum, coho, king, and red salmon.

Escapement: Spawning area below falls: 188,000 m² (23,000' L x 110' W x 80% ASA). ITZ: 58,000 m² (5000' L x 250' W x 50% ASA). Hi historic: 177,200 pink (1970), 50,000 chum (1948), 11000 coho (1949), 138 king (1953), 25 red (1953), Ave. pink esc. 1961-74 = 80,000.

Timing: Early - July, August. Peak occurs last week of August.

Schooling Areas: Pools in ITZ, large hole below confluence with Blossom R., pool below mouth of Bend Creek, schooling off flats.

Shellfish Potential: Dungeness, tanner and (probably) king crab. shrimp in Wilson Arm. Fair crab production in lower flats.

Sport Fisheries: Steelhead, cutthroat, Dolly Varden, king, pink, chum, red, coho and halibut off flats during salmon runs. (Kokanee in lake.)

Land Use at Present: Recreation and mineral exploration. The lake has two USFS cabins located near the head and at the outlet.

History of Land Use: Handlogging along the lower reaches of the Wilson River occurred in the 1920-30's. Mining interests, recreational use high.

Rehabilitation Potential: None feasible. The stream above Wilson Lake may have potential for rearing coho, king or trout.

Soils: Relatively stable in lower area due to wide watershed characteristics. Valley narrows in stream and above lake with associated slides and erosion.

GAME RESOURCES

Bear -----	Fish carcasses or bones (old or fresh) on banks, estimate	
	Number of tracks Sets of tracks.	<u>2</u>
Geese -----	Number seen on tide flats	<u>65</u>
	Number seen up creek	<u>14</u>
	Number of broods seen	
Mallards ---	Number seen on tide flats	<u>10</u>
	Number seen up creek	
	Number of broods seen	
Mergansers -	Number of broods seen	<u>36</u>
Bald Eagles-	Number seen along creek	<u>2</u>
	Number of nests seen and location	
Seals -----	Number seen at mouth	<u>6</u>
Tide flats -	Estimate length along beach	<u>2</u>
	Estimate depth out from beach	<u>100 yds</u>
	Eel grass present on what percent of flats	<u>2%</u>

PEAK ESCAPEMENT RECORD

Wilson River
101-55-20

DATE	PINK	CHUM	OTHER SPECIES	REMARKS
8-21-67	8,100	few		Poor visibility.
8-27-68	58,000	2,000	few kings	Visibility excellent. Heavy spawning activity. Many carcasses I.T.
8-20-69	12,000	mixed	10 kings	Streams very high, pinks showing in pools but too dark to estimate.
8-6-70	177,200			Visibility good. Some shadows.
8-22-71	174,000			Spread out and spawning. Visibility good, well distributed.
8-14-72	107,400	good		Visibility good. Few 1000 dead.
8-21-73	128,000			Visibility good.
8-27-74	152,000			1000 dead carcasses. Visibility excellent.
8-20-75	170,000			Visibility good.