

PEAK ESCAPEMENT RECORD

Manzanita Bay
101-71-43

DATE	PINK	CHUM	OTHER SPECIES	REMARKS
9-26-46				Fair.
8-21-47				None observed.
9-27-49	4,000	1,000		
9-16-52	300	8		
8-31-53	47	110		
8-9-57	1,900	200		
8-8-63				Vis. good. None obs. I.T.

101-71-10430

Name: Manzanita Creek Catalog No.: 101-71-43
 Latitude: 55 35' 46" 47" WR No.: 74
 Longitude: 130 58' 37" 38" K No.: 74
 Geodetic Map No.: Ketchikan D-3 Work Area: Ketchikan
 Location: W. side E. Behm Canal head Watershed Length: 16 miles (both arms lake)
Manzanita Bay. Drainage Area: 77 sq. miles
 Water Supply Type: 1600 acre lake and tributary system fed by precipitation.

Trails & Survey Routes: The creek can be walked to the barrier falls and there is a trail to the lake from both the gaging station at the mouth and from the cabin on beach.
 Aerial Survey Notes: The intertidal area can be surveyed at low tide but the remainder of the stream has too dark of a bottom to be satisfactorily done by air.
 Anchorage: There is an anchor bouy in the bay.
 Tide Stage when Surveyed: 2/3 flood.

FISHERY RESOURCES

Commercial Fisheries: Spawning facilities restricted to upper intertidal and short upstream section below barrier falls. Major species is pink, chum also utilize stream.
 Escapement: 9-27-49 4,000 pink, 1,000 chum.
 Spawning area: 2954 m² (100'x1320'x5% ASA) ITZ (140'x600'x30% ASA)
 Species Composition: Chums compromise between 2 and 25% of total run, pinks the remainder with few cohos.
 Timing: Late - September, October. Some fish present by end of August.
 Schooling Areas: Pools in the upper intertidal zone.

Shellfish Potential: Good dungeness crab fishing and clam digging in Manzanita Bay.

Sport Fisheries: Excellent trout fishing in lake.

Land Use at Present: Recreation.

History of Land Use: Unknown.

Rehabilitation Potential: Has barrier falls which should be examined.

Soils: Stable.

GAME RESOURCES

Bear -----	Fish carcasses or bones (old or fresh) on banks, estimate	_____
	Number of droppings	_____
Geese -----	Number seen on tide flats	_____
	Number seen up creek	_____
	Number of broods seen	_____
Mallards ---	Number seen on tide flats	7
	Number seen up creek	_____
	Number of broods seen	_____
Mergansers -	Number of broods seen	_____
Bald Eagles-	Number seen along creek	1
	Number of nests seen and location	_____
Seals -----	Number seen at mouth	_____
Tide flats -	Estimate length along beach	_____
	Estimate depth out from beach	_____
	Eel grass present on what percent of flats	_____