

PEAK ESCAPEMENT RECORD

Wolverine Creek
101-55-50

DATE	PINK	CHUM	OTHER SPECIES	REMARKS
9-13-39	500			Most fish males, indicating pre-season escapement.
9-29-40	5,000			Fair.
9-28-46				Good.
8-20-47				Many dead.
9-24-48	1,040	52		40 dead pink.
9-14-51	2,150	10	coho present.	All schooled intertidal. 100 dead pinks.
8-14-67				35 pinks I.T. Visibility excellent.
8-20-75				3600 I.T. Visibility good.

Name Wolverine Creek Catalog No. 101-55-50
 Latitude N 55° 22' 28" 38" WR No. 29A
 Longitude W 130° 36' 36" 20" K No. 34A
 Geodetic Map No. Ketchikan B-2 Work Area Ketchikan
 Location Smeaton Bay - Wilson Arm Watershed Length 4.25 miles
 Drainage Area of Watershed 9.6 sq. miles (polar planimeter)
 Water Supply Type Ground water and precipitation.

Trails & Survey Routes Easy walking in the stream bed, some bear trails are found along the lower stretches of the creek.

Aerial Survey Notes Trees overshadow the stream for the entire distance making aerial survey techniques unpractical.

Anchorage Anchor off the Wilson River flats in 18 fathoms of water. Refer to Wilson River section. Approximately 1/4 mile south of creek mouth.

Tide Stage When Surveyed Second half of flood.

FISHERY RESOURCES

Commercial Fisheries Pink, chum and coho salmon are the major salmonids found annually. Stray red salmon (few) may enter also.

Escapement High historic - 5000 pink - 1940, 408 chum - 1948, 1974 326 pink, and 1 chum. Spawn. area: 3863 m²(30% ASA, L 3960', W. 35')

Species Composition 95% pink, 4% chum, 1% coho.

Timing Late - September.

Schooling areas School in pool at treeline and also off flats but impossible to distinguish from Wilson River fish.

Shellfish Potential Good Dungeness crab fishing at head of Wilson Arm; Tanner crab also taken at head of Arm. Poor clam production.

Sport Fisheries Coho, Pink, Chum, Dolly Varden and sea run cutthroat may be found in this system.

Land Use at Present None known.

History of Land Use Some hand logging of large spruce occurred in the lower watershed approximately 30-40 years prior.

Rehabilitation Potential None necessary as the windfall is not presenting a problem to spawning salmon.

Soils Stable in lower 1/2 mile but V-notched situation starts approximately 3/4 mile upstream with apparent erosion problems.

GAME RESOURCES

Bear -----	Fish carcasses or bones (old or fresh) on banks, estimate	15
	Number of droppings	2
Geese -----	Number seen on tide flats	0
	Number seen up creek	0
	Number of broods seen	0
Mallards ---	Number seen on tide flats	25
	Number seen up creek	0
	Number of broods seen	0
Mergansers -	Number of broods seen	0
Bald Eagles-	Number seen along creek	0
	Number of nests seen and location	0
Seals -----	Number seen at mouth of stream	0
Tide flats -	Estimate length along beach	1/2 mile
	Estimate depth out from beach	150'
	Eel grass present on what percent of flats	1%