



King Creek, Station #1

101-71-14

101-71-10040-2006

101-71-10040-1006

Name King Creek Catalog No. 101-71-14  
 Latitude N 55° 50' 27" 27" WR No. 40-  
 Longitude W 130° 50' 52" 59" K No. 44-2  
 Geodetic Map No. Ketchikan D-3 Work Area Ketchikan  
 Location Rt. side Chickamin R. 6.7 mi. from Watershed Length 9 miles  
 Drainage Area of Watershed 17.8 sq.mi. Trap Pt. \_\_\_\_\_  
 Water Supply Type Melting snow and precipitation.

Trails & Survey Routes Banks quite brushy, stream can be walked at low water levels.  
 Aerial Survey Notes Light colored bottom and clear water make for good visibility. Very little tree cover on lower section.  
 Anchorage Tributary stream to Chickamin River.

Tide Stage When Surveyed -

FISHERY RESOURCES

Commercial Fisheries Pink, chum, king and coho.

Escapement High historic = 46,000 7-29-68. Odd year ave. since '65 - 6,420. Even year ave. since '64 = 32,340. Spawning area = 49,051 m<sup>2</sup> (26,400'x50'x40% ASA)

Species Composition Important king salmon stream. Major species is pink salmon but considerable, though highly variable, numbers of chum often present.

Timing Early - August.

Schooling areas At creek mouth.

Shellfish Potential none

Sport Fisheries Steelhead, Dolly Varden, possibly cutthroat.

Land Use at Present None. Chickamin River drainage in proposed wilderness area

History of Land Use Unknown. Mineral exploration in the area.

Rehabilitation Potential None needed to increase fishery production.

Soils Generally stable; mostly well sorted gravel with some high water bedload movement evident. Snowslides prevalent on some steep slopes in the watershed.

GAME RESOURCES

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

PEAK ESCAPEMENT RECORD

King (Salmon) Creek

101-71-14

DATE	PINK	CHUM	OTHER SPECIES	REMARKS
9-5-49				Crowded conditions in late Aug.
8-10-50	3,000	500		Several dead pink. 2000 chum 8-21
8-1-51	13,600	200	22 kings	Several dead chum.
8-11-52	8,700	150	88 kings, several coho	Spawning peak.
8-10-53	320	160	Some coho	(2,500 chum 10-5). 10 dead pink, 35 dead chum.
8-12-55	4,000	1,000	500 kings	
8-13-56	35,000		23,000 kings	The great number of kings could be chums. >200 dead pinks.
8-11-57	26,000	(4,000 on 7-31)	500 kings on 8-19	
7-25-60	100			Fish schooled.
8-4-61	1,500	5,000		Biol. research crew.
7-31-62	14,000			Most schooled in lower stream.
8-3-63	1,200	3,200	few kings	Ex. vis. Chums spawning.
8-18-64	14,000	1,000		Fish spawning, many dead.
7-27-65	100	250	50 kings	Visibility excellent.
8-24-66	11,100	few	few king. good show of coho	Vis. good. Many dead, most spawning.
7-31-67	200	1,500	1 coho	Visibility good.
7-29-68	39,000	3,900		7000 @ mouth. Vis. ex. Fish to head of river.
8-6-69	100	360	23 kings	Vis. fair.
8-4-70		34,600	kings present, coho present.	Visibility excellent. few dead.
8-12-71	1,100	2,000		Few 100 dead. Visibility good.
7-31-72	29,000	7,200		Visibility excellent.
8-4-73	10,000	500	65 kings	
8-15-74		14,000		5000 dead, visibility good.
8-11-75	26,400	7,000	30 kings	Visibility excellent.