LAKE AND STREAM INVENTORY FORM

Name: Leduc Lake

Catalog no.: 101-71-04 B

USGS map: Ketch D-3

Former no(s).: —

Latitude: 55° 55' 00"

Drainage area: 30 mi²

Longitude: 130° 48' 40"

No. lakes in system: 4

Location description: On the Leduc River, west fork of the Chickamin River, 9 miles north of ITZ

SIZE AND ELEVATION OF LAKES IN SYSTEM:

Lake Identification	Lake Leduc	#1	#2	#3				
Size	606	30	124	40				
Elevation	1384	3100	2722	2932				

LENGTH AND GRADIENTS OF STREAMS IN SYSTEM:

Stream Identification	Leduc River to Lake Leduc	Leduc River → #1	Leduc River → #2	Leduc River → #3				
Length	2	2.1	8.1	5.5				
Gradient	692	1476	336	533				

SPECIES OF FISH PRESENT: King - probably pink, chum, cohos as well, but not surveyed; rainbow, Dolly Varden

SPAWNING DATA:

Species	Pink	Chum	King	
Escapement	'72 - 150	61 - 170	'72 - 85	
Timing	Probably early			

PROMINENT PHYSICAL FEATURES OF STREAM: Barrier falls a short distance above mouth of stream

LAND USE OF AREA: Mineral exploration throughout drainage

Table 20. Peak escapement estimates of chinook salmon in Southeast Alaska rivers, 1961 through 1978.

Unuk River 101-75-30

Year	Chinook	Method
1961	673	Foot
1962	331	Air
1963	1,070	Air
1968	650	Air
1969	475	Air
1972	885	Air
1973	182	Air
1975	55	Helicopter
1976	198	Helicopter
1977	1,166	Helicopter, Weir-foot
1978	1,765	Helicopter, Weir-foot

Chickamin River 101-76-004

Year	Chinook	Method
1961	336	Ground
1962	775	Air
1963	450	Air
1969	345	Air
1972	860	Air
1973	229	Helicopter
1974	176	Helicopter
1975	351	Helicopter
1976	122	Helicopter
1977	235	Helicopter
1978	181	Helicopter

King Salmon River (Admiralty Island) 111-17-010

1957	200	Foot
1961	117	Foot
1971	94	Foot
1972	90	Foot
1973	211	Foot
1974	104	Foot
1975	42	Foot
1976	65	Foot, Helicopter
1977	134	Foot, Helicopter
1978	57	Foot, Helicopter