

WATERPOWER OF THE UNITED STATES

State Alaska Stream Hidden Falls Lake Site Upper Hidden Falls Lake

County First Judicial Division

Mer. T. R. Sec.

Lat. 57 ° 13.0 ' N " Long. 134 ° 53.6 ' W. "

Miles above mouth

Drainage Area 2.4 sq.mi. 6.22 sq. km

Owner

Constructed

Storage 19,000 af 23,436,310 m³

Installed capacity mw

Installable capacity mw

FLOW			ELEVATIONS				HEAD		THEORETICAL POWER mw-100 % Eff.	ESTIMATED AVERAGE ANNUAL GENERATION mwh
Percent duration	cfs	m³/sec	Forebay		Tailrace		Gross			
			ft.	m	ft.	m	ft.	m		
95	4	0.1	1125	342.9	220	67.1	905	275.8	0.31	
50	30	1.0							2.31	
mean	33	1.0							2.54	17,780

Remarks: **Baranof Island - Sitka A-3**

See Lower Lake

Form 9-1503
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

Basin Index 13-Bc

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State Alaska Stream Hidden Falls Lake Site Upper Hidden Falls Lake

County First Judicial Division

Mer. T. R. Sec.

Lat. 57° 13.0' N Long. 134° 53.6' W.

Miles above mouth

Drainage Area 2.4 sq. mi. 6.22 sq. km

Owner

Constructed 23436 31.0

Storage 19600 af 4,436.31 m³

Installed capacity mw

Installable capacity mw

FLOW			ELEVATIONS				HEAD		THEORETICAL POWER mw-100 % Eff.	ESTIMATED AVERAGE ANNUAL GENERATION mwh
Percent duration	cfs	m³/sec	Forebay		Tailrace		Gross			
			ft.	m	ft.	m	ft.	m		
95	4	1.1	1125	342.9	220	67.1	905	275.8	31 .308	
50	30	1.0							2.31 2308	
mean	33	1.0							2.54 2538	17,780

Remarks:

Prepared by Date

Setha A-3

Sec lower Lake