

WATERPOWER OF THE UNITED STATES

State	Alaska	Stream	Bakewell Arm Lake	Site	Bakewell Arm Lake
County	First Judicial Division			Owner	
Mer.	T.	R.	Sec.	Constructed	
Lat.	55 ° 17.3 ' N	"	Long.	130 ° 38.6 ' W	"
Miles above mouth				Storage	20,000 af 24,669,800 m ³
Drainage Area	20	sq. mi.	51.80	sq. km	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	28	0.8	190	58.0	5	2.0	185	56.4	0.44	
50	198	6.0							3.11	
mean	220	6.2							3.46	24,220

Remarks: **Ketchikan B-2 Quad**

Form 9-1503
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

Basin Index 7130

13 DD

WATERPOWER OF THE UNITED STATES

State Alaska

Stream Bakewell Arm Lake

Site Bakewell Arm Lake

2592

County First Judicial Division

Mer. T. R. Sec.

Lat. 55 ° 17.3 'N " Long. 130 ° 38.6 W "

Miles above mouth

Drainage Area 20 sq. mi. 51.80 sq. km

Owner

Constructed

Storage 20,000 af 24,669,800 m³

Installed capacity mw

Installable capacity mw

FLOW			ELEVATIONS				HEAD		THEORETICAL POWER mw-100 % Eff.	ESTIMATED AVERAGE ANNUAL GENERATION mwh
Percent duration	cfs	m ³ /sec	Forebay		Tailrace		Gross			
			ft.	m	ft.	m	ft.	m		
95	28	.8	190	58.0	5	2.0	185	56.4	440	
50	198	6.0							3113	
mean	220	6.2	-						3459 3.46	24,220

Remarks:

Prepared by Date

Kelchman B-2

Number 2

UNITED STATES OF AMERICA

DEPARTMENT OF THE ARMY

HEADQUARTERS, ARMY

WASHINGTON, D.C.