

Form 9-1503  
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR  
GEOLOGICAL SURVEY

Basin Index

WATERPOWER OF THE UNITED STATES

State Alaska Stream Badger Bay Lake Site Badger Bay Lake 2592

County <u>First Judicial Division</u>				Owner _____			
Mer. _____ T. _____ R. _____ Sec. _____				Constructed _____			
Lat. <u>55 ° 13 ' N " Long. 130 ° 48 ' W. "</u>				Storage <u>22,000</u> of <u>27,136,780</u> m <sup>3</sup>			
Miles above mouth _____				Installed capacity _____ mw			
Drainage Area <u>8.4</u> sq. mi. <u>21.76</u> sq. km				Installable capacity _____ mw			

FLOW			ELEVATIONS				HEAD		THEORETICAL POWER mw-100 % Eff.	ESTIMATED AVERAGE ANNUAL GENERATION mwh
Percent duration	cfs	m <sup>3</sup> /sec	Forebay		Tailrace		Gross			
			ft.	m	ft.	m	ft.	m		
95	8	.2	346	106.0	16	5.0	330	101.0	.22	
50	81	2.3							2.27	
mean	90	3.0							2.52	17,640

Remarks: **Ketchikan A-3 Quad**

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Basin Index 135

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WATERPOWER OF THE UNITED STATES

State Alaska Stream Badger Bay Lake Site Badger Bay Lake 1592

County <u>First Judicial Division</u> Mer. _____ T. _____ R. _____ Sec. _____ Lat. <u>55</u> ° <u>13</u> ' N " Long. <u>130</u> ° <u>48</u> ' W " Miles above mouth _____ Drainage Area <u>8.4</u> sq. mi. <u>21.76</u> sq. km	Owner _____ Constructed _____ Storage <u>22.000</u> af <u>27,136,780</u> m <sup>3</sup> Installed capacity _____ mw Installable capacity _____ mw
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FLOW			ELEVATIONS				HEAD		THEORETICAL POWER mw-100% Eff.	ESTIMATED AVERAGE ANNUAL GENERATION mwh
Percent duration	cfs	m <sup>3</sup> /sec	Forebay		Tailrace		Gross			
			ft.	m	ft.	m	ft.	m		
95	8	.2	346	106.0	16	5.0	330	101.0	224	
50	81	2.3							2272	
mean	90	3.0							2524	17,640

Remarks:

Prepared by \_\_\_\_\_ Date \_\_\_\_\_

Ketchikan A-3

LINE 01

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