

WATERPOWER OF THE UNITED STATES

State Alaska Stream Checats Lake (Upper) Site Checats Lake

County <u>First Judicial Division</u>	Owner _____
Mer. _____ T. _____ R. _____ Sec. _____	Constructed _____
Lat. <u>55</u> ° <u>29.2</u> ' N " Long. <u>130</u> ° <u>49.3</u> ' W. "	Storage <u>40,000</u> of <u>49,339,600</u> m ³
Miles above mouth _____	Installed capacity _____ mw
Drainage Area <u>8</u> sq. mi. <u>20.72</u> sq. km	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	7	0.2	750	229.0	0		750	229.0	0.45	
50	76	2.2							4.85	
mean	80	2.3							5.10	35,700

Remarks: **Ketchikan B-3 Quad**

Form 9-1503
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

Basin Index 10138

13 DD

WATERPOWER OF THE UNITED STATES

State Alaska Stream Checats Lake (Upper) Site Checats Lake 2592

County <u>First Judicial Division</u>				Owner _____	
Mer. _____ T. _____ R. _____ Sec. _____		Constructed _____			
Lat. <u>55</u> ° <u>29.2</u> ' N " Long. <u>130</u> ° <u>49.3</u> ' W "		Storage <u>40,000</u> af <u>49,339,600</u> m ³			
Miles above mouth _____				Installed capacity _____ mw	
Drainage Area <u>8</u> sq.mi. <u>20.72</u> sq. km		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	7	.2	750	229.0	0		750	229.0	.446 .45	
50	76	2.2							4.845 .85	
mean	80	2.3							5.100	35,700

Remarks:

Prepared by _____ Date _____

Ketchikan B-3

RECEIVED BY THE POST OFFICE