

WATERPOWER OF THE UNITED STATES

State Alaska Stream Shelokum Lake Site Shelokum Lake 2592

County <u>First Judicial Division</u>	Owner _____
Mer. _____ T. _____ R. _____ Sec. _____	Constructed _____
Lat. <u>55</u> ° <u>58.8</u> ' N " Long. <u>131</u> ° <u>38.6</u> ' W. "	Storage <u>25,000</u> of <u>30,837,250</u> m ³
Miles above mouth _____	Installed capacity _____ mw
Drainage Area <u>17</u> sq. mi. <u>44.03</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	24	0.7	367	111.9	17	5.2	350	106.7	0.71	
50	188	5.3							5.59	
mean	216	6.1							6.43	45,010

Remarks: **Ketchikan D-5 Quad.**

WPS A1947

Lake 344'

Best - good site for 40' dam

pool 380'

drawdown 34'

FPC 19?

Lake surveyed 1914

Dam site - 1922

Good Met D-5, D-6

Prod. Can. A-5,

Lake 349'

East saddle between
400-500 elev.

Hot springs in reservoir

some natural regulation
from several lakes in
basin

PSC (lands) within 1/2 mile of Lake and
outlet stream

Int. 173 = all unsurveyed lands within - - - -

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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	24	.7	367	111.9	17	5.2	350	106.7	.714	
50	188	5.3							5593	
mean	216	6.1							6426.43	45,010

Remarks:

See Water Powers of SE Alaska, FPC & USFS, 1947

Ketchikan D5

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UNITED STATES GOVERNMENT

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