

WATERPOWER OF THE UNITED STATES

State Alaska Stream Ketchikan Creek Site Ketchikan 1592

County _____ Mer. _____ T. _____ R. _____ Sec. _____ Lat. <u>55</u> ° <u>22</u> ' " Long. <u>131</u> ° <u>37</u> ' " Miles above mouth _____ Drainage Area <u>8.56</u> sq. mi. <u>22.17</u> sq. km	Owner <u>City of Ketchikan</u> Constructed _____ Storage <u>20,000</u> af <u>24,669,800</u> m ³ Installed capacity <u>4.20</u> 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 ³ /sec	Forebay		Tailrace		Gross			
			ft.	m	ft.	m	ft.	m		
95	45	1.27	343	104.5	78	23.8	265	80.8	1.01	
50	161	4.56							3.63	
mean	194	5.49							4.37	30,590

Remarks: Ketchikan B-5

FPP 420