

## WATERPOWER OF THE UNITED STATES

State Alaska Stream Birch Creek Site Birch Creek 1592

County _____	Owner _____
Mer. _____ T. _____ R. _____ Sec. _____	Constructed _____
Lat. <u>65</u> ° <u>21</u> ' " Long. <u>144</u> ° <u>47</u> ' "	Storage <u>160,000</u> af <u>197,358,400</u> m <sup>3</sup>
Miles above mouth _____	Installed capacity _____ mw
Drainage Area <u>730</u> sq. mi. <u>1890.7</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	32	0.9	1400	426.7	1200	365.8	200	61.0	0.54	
50	240	6.8							4.08	
mean	550	15.6							9.35	65,450

Remarks: Circle B-2 Quadrangle