

WATERPOWER OF THE UNITED STATES

State Alaska Stream Klutina River Site Klutina Lake 1592

County _____ Mer. _____ T. _____ R. _____ Sec. _____ Lat. <u>61</u> ° <u>54</u> ' " Long. <u>145</u> ° <u>29</u> ' " _____ Miles above mouth _____ Drainage Area <u>670</u> sq. mi. <u>1,735.30</u> sq. km	Owner _____ Constructed _____ Storage <u>600,000</u> af <u>740,094,000</u> m ³ 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 ³ /sec	Forebay		Tailrace		Gross			
			ft.	m	ft.	m	ft.	m		
95	106	3.0	1755	533.4	1290	393.2	465	141.7	4.19	
50	546	15.5							21.58	
mean	1320	37.4							52.17	365,190

Remarks: Valdez D-4 quadrangle