

WATERPOWER OF THE UNITED STATES

State Alaska

Stream Karluk River

Site Karluk Lake

County _____ Mer. _____ T. _____ R. _____ Sec. _____ Lat. <u>57</u> ° <u>32</u> ' " Long <u>154</u> ° <u>07</u> ' " Miles above mouth _____ Drainage Area <u>177</u> sq. mi. <u>458</u> sq. km	Owner _____ Constructed _____ Storage <u>120,000</u> af <u>148,018,800</u> m ³ Installed capacity _____ mwh Installable capacity _____ mwh
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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	68	1.9	300	91.4	0	0	300	91.4	1.73	
50	470	13.3							11.98	
mean	700	19.8							17.85	124,950

Remarks:

Karluk C-1 quadrangle