

WATERPOWER OF THE UNITED STATES

State Alaska Stream Lake Diana Site Lake Diana 2592

County <u>First Judicial Division</u> Mer. <u> </u> T. <u> </u> R. <u> </u> Sec. <u> </u> Lat. <u>56 ° 53 ' " </u> Long. <u>135 ° 02.5 ' " </u> Miles above mouth <u> </u> Drainage Area <u>3.5</u> sq.mi. <u>9.07</u> sq. km	Owner <u> </u> Constructed <u> </u> Storage <u>40,000</u> af <u>49,339,600</u> m ³ Installed capacity <u> </u> mw Installable capacity <u> </u> mw
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FLOW			ELEVATIONS				HEAD		THEORETICAL POWER mw-100 % Eff.	ESTIMATED AVERAGE ANNUAL GENERATION mwh
Percent duration	cfs	m³/sec	Forebay		Tailrace		Gross			
			ft.	m	ft.	m	ft.	m		
95	3	.1	1728	526.7	253	77.1	1475	449.6	0.38	
50	30	.9							3.76	
mean	36	1.0							4.51	31.570

Remarks: Baranof Island - Port Alexander D-4