

## WATERPOWER OF THE UNITED STATES

State Alaska Stream Tonsina River Site Tonsina Lake

County _____ Mer. _____ T. _____ R. _____ Sec. _____ Lat. <u>61</u> ° <u>42</u> ' " Long. <u>145</u> ° <u>04</u> ' " Miles above mouth _____ Drainage Area <u>260</u> sq. mi. <u>673.40</u> sq. km	Owner _____ Constructed _____ Storage <u>110,000</u> af <u>135,683,900</u> m <sup>3</sup> 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 <sup>3</sup> /sec	Forebay		Tailrace		Gross			
			ft.	m	ft.	m	ft.	m		
95	45	1.3	1960	597.4	1250	381.0	710	216.4	2.72	
50	211	6.1							12.73	
mean	572	16.2							34.52	241,640

Remarks: Valdez C-3 quadrangle