

WATERPOWER OF THE UNITED STATES

State Alaska Stream Melozitna River Site Melozitna

County _____				Owner _____			
Mer. _____ T. _____ R. _____ Sec. _____		Constructed _____		Storage <u>500,000</u> af <u>616,745,000</u> m ³			
Lat. <u>64</u> ° <u>51</u> ' " Long. <u>155</u> ° <u>35</u> ' "		Miles above mouth _____		Installed capacity _____ mw			
Drainage Area <u>2,670</u> sq. mi. <u>6915.3</u> sq. km		Installable capacity _____ mw					

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	67	1.9	525	160.0	230	70.1	295	89.9	1.68	
50	910	25.8							22.80	
mean	2527	71.6							63.36	443,520

Remarks: Ruby D-6 quadrangle