

## WATERPOWER OF THE UNITED STATES

State Alaska Stream Fortymile River Site North Fork

County _____	Owner _____
Mer. _____ T. _____ R. _____ Sec. _____	Constructed _____
Lat. <u>64</u> ° <u>20</u> ' " Long. <u>141</u> ° <u>58</u> ' "	Storage <u>440,000</u> af <u>542,735,600</u> m <sup>3</sup>
Miles above mouth _____	Installed capacity _____ mw
Drainage Area <u>1904</u> sq. mi. <u>4931</u> sq. km	Installable capacity _____ mw

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	44	1.2	1780	542.5	1500	457.2	286	85.3	1.05	
50	594	16.8							14.14	
mean	1298	36.8							30.89	216,230

Remarks: Eagle B-2 quadrangle