

WATERPOWER OF THE UNITED STATES

State Alaska Stream Nabesna River Site Nabesna River

County _____	Owner _____
Mer. _____ T. _____ R. _____ Sec. _____	Constructed _____
Lat. <u>62</u> ° <u>46</u> ' <u>00</u> " Long. <u>142</u> ° <u>10</u> ' <u>10</u> "	Storage <u>250,000</u> af <u>30,837,250,000</u> m ³
Miles above mouth _____	Installed capacity _____ mw
Drainage Area <u>1910</u> sq.mi. <u>4947</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	390	11.0	2000	609.6	1820	554.7	180	54.9	5.97	
50	590	16.7							9.03	
mean	1300	36.8							19.89	139,230

Remarks: Movement of bed load and sediment could be a major problem

Nabesna D-3 quadrangle