

WATERPOWER OF THE UNITED STATES

State Alaska Stream Wood River Site Lake Kulik

County _____				Owner _____			
Mer. _____ T. _____ R. _____ Sec. _____		Constructed _____		Storage <u>422,000</u> of <u>520,532,780</u> m ³			
Lat. <u>59</u> ° <u>42</u> ' " Long. <u>158</u> ° <u>52</u> ' "		Miles above mouth _____		Installed capacity _____ mw			
Drainage Area <u>219</u> sq. mi. <u>567.2</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	750	21.2	123	37.5	55	16.8	68	20.7	4.33	
50	3150	89.2							18.21	
mean	4682	132.6							27.06	189,420

Remarks:

Flow includes diversion from 1,486 sq.miles of Tikchik Lake drainage making a total of 1,705 sq. miles.