

WATERPOWER OF THE UNITED STATES

State <u>Alaska</u>	Stream <u>Cooper Lake</u>	Site <u>Cooper Lake</u>	2592
County _____		Owner <u>Chugach Electric Assoc.</u>	
Mer. _____ T. _____ R. _____ Sec. _____		Constructed <u>1962</u>	
Lat. <u>60</u> ° <u>24</u> ' " Long. <u>149</u> ° <u>40</u> ' "		Storage <u>108,000</u> af <u>133,216,920</u> m ³	
Miles above mouth _____		Installed capacity _____ mw	
Drainage Area <u>40.1</u> sq.mi. <u>103.9</u> sq. km		Installable capacity <u>15.00</u> 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	12	0.34	1169	356.3	435	132.6	734	223.7	0.75	
50	79	2.24							4.93	
mean	115	3.26							7.18	50,260

Remarks: Drainage includes diversion from Stetson Creek
Seward B-8

F.R.P. 2170