

Form 9-1503

(Feb. 1962)

Savonoski River
Savonoski River

U.S. DEPARTMENT OF INTERIOR

GEOLOGICAL SURVEY

19040002
Ketchikan Bay

184 ✓

Basin Index 14-HA

WATERPOWER OF THE UNITED STATES

State Alaska Stream Grosvenor Lake Site Grosvenor Lake

County _____ Owner _____

Mer. check T. _____ R. _____ Sec. _____ Constructed _____Lat. 58 ° 40 ' 20 " Long. 155 ° 25 ' 40 " Storage 1,058,000 of 1,305,032,420 m³

Miles above mouth _____ Installed capacity _____ mw

Drainage Area 630 sq. mi. 1631.7 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	129	3.6	145	44.2	31	9.4	114	34.8	1.25	
50	960	27.2							9.30	
mean	1,386	39.2							13.43	94,010

Remarks: **Located within Katmai National Monument**

Mt. Katmai C-5

Prepared by GCG Date _____

Savonoski River

184 ~~796~~

Basin Index _____

14-HA

WATERPOWER OF THE UNITED STATES

State Alaska Stream Grosvenor Lake Site Grosvenor Lake 2592

County _____ Owner _____
 Mer. _____ T. _____ R. _____ Sec. _____ Constructed _____
 Lat. 58 ° 40 ' 20 " Long. 155 ° 25 ' 40 " Storage 6,058,000 of 1,305,032,420 m³
 Miles above mouth _____ 16 31.7 Installed capacity _____ mw
 Drainage Area 630 sq. mi. 1,058.5 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	129	3.6	145	44.2	31	9.4	114	34.8	1,250	
50	960	27.2							9,302	
mean	1,386	39.2							13,430	94,010

Remarks: *located within Katmai Nat. Monument*

Int Katmai c-5