

Form 9-1503
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

19040002

Basin Index 14 FB

Nushagak

WATERPOWER OF THE UNITED STATES

State	Alaska	Stream	Chikuminuk Lake	Site	Chikuminuk Lake	2592
County				Owner		
Mer.	T.	R.	Sec.	Constructed		
Lat. 60 04 ' "	Long. 158 ° 37 ' "			Storage	743,000	af 916,483,070 m ³
Miles above mouth				Installed capacity	mw	
Drainage Area	290	sq. mi.	751.1	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	125	3.5	666	203.0	342	104.2	324	98.8	3.44	
50	872	24.7							24.02	
mean	1292	36.6							35.58	249,060

Remarks: Flow includes diversion from 146 sq. mi. of Upnuk and Nishlik Lakes making a total drainage area of 436 sq. miles

Taylor Mtns. A-7

Prepared by GCG Date _____

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Basin Index 175

14-FB

WATERPOWER OF THE UNITED STATES

State Alaska Stream Chikuminuk Lake Site chikuminuk Lake 2592

County _____ Owner _____
Mer. _____ T. _____ R. _____ Sec. _____ Constructed _____
Lat. 60° 04' " Long. 158° 37' " Storage 743,000 of 916,483,070 m³
Miles above mouth 751.1 Installed capacity _____ mw
Drainage Area 790 sq. mi. 855.5 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	125	3.4 ⁵	666	203.0	342	104.2	324	98.8	3,442	
50	872	24.7							24,015 ⁰²	
mean	1292	36.6							35,582	249,060

Remarks: flow include diversion from 146 sq mi of Upnuk and Nishlik Lakes making a total drainage area of 436 sq miles

Prepared by _____ Date _____

Taylor Inters A-7