

Form 9-1503  
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR  
GEOLOGICAL SURVEY

19050001-18 186 14 HD

WATERPOWER OF THE UNITED STATES

State Alaska Stream Frazier Lake Site Frazier Lake

County Dome Dog Salmon Creek Owner \_\_\_\_\_

Mer. Seward T. 345 R. 30W Sec. \_\_\_\_\_

Lat. 57 ° 11 ' 30 " Long. 154 ° 12 ' 00 "

Miles above mouth \_\_\_\_\_

Drainage Area 46 sq. mi. 119.1 sq. km

Constructed \_\_\_\_\_

Storage 166,000 of 204,759,340 m<sup>3</sup>

Installed capacity \_\_\_\_\_ mw

Installable capacity \_\_\_\_\_ mw

FLOW			ELEVATIONS				HEAD		THEORETICAL POWER mw-100% Eff.	ESTIMATED AVERAGE ANNUAL GENERATION mwh
Percent duration	cfs	m <sup>3</sup> /sec	Forebay		Tailrace		Gross			
			ft.	m	ft.	m	ft.	m		
95	15	0.4	400	121.9	5	1.5	395	120.4	0.50	
50	128	3.6							4.30	
mean	191	5.4							6.41	44,870

Remarks: **Karluk A-1**  
TO AKALOVA Lake?

Prepared by GCG Date \_\_\_\_\_

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(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR  
GEOLOGICAL SURVEY

Basin Index 186790-194

WATERPOWER OF THE UNITED STATES

14 HD

State Alaska

Stream Dog Salmon Creek  
Frazier Lake

Site Frazier Lake

County \_\_\_\_\_

Owner \_\_\_\_\_

Mer. \_\_\_\_\_ T. \_\_\_\_\_ R. \_\_\_\_\_ Sec. 12

Constructed \_\_\_\_\_

Lat. 57 ° 11 ' 30 " Long. 154 ° 04 ' 00 "

Storage 166,000 of 204,759,340 m<sup>3</sup>

Miles above mouth 119.1

Installed capacity \_\_\_\_\_ mw

Drainage Area 46 sq.mi. 135.7 sq. km

Installable capacity \_\_\_\_\_ mw

33.575

FLOW			ELEVATIONS				HEAD		THEORETICAL POWER mw-100% Eff.	ESTIMATED AVERAGE ANNUAL GENERATION mwh
Percent duration	cfs	m <sup>3</sup> /sec	Forebay		Tailrace		Gross			
			ft.	m	ft.	m	ft.	m		
95	15	.4	400	121.9	5	1.5	395	120.4	503	
50	128	3.6							4,298	
mean	191	5.4							6,413	44,870

Remarks:

Prepared by \_\_\_\_\_ Date \_\_\_\_\_

Karluk A-1