

Form 9-1503
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

19020001

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WATERPOWER OF THE UNITED STATES

State Alaska

Stream

Kugruk River

Site

Kugruk River

2592

County

Owner

Mer. KATEEL T. 7 N. R. 19 W Sec. 15, 16, 17

Constructed

Lat. 65 ° 54 ' " Long. 162 ° 43 ' "

Storage 365,000 af 45,022,385,000 m³

Miles above mouth

Installed capacity

Drainage Area 855 sq.mi. 2214 sq. km

Installable capacity

FLOW			ELEVATIONS				HEAD		THEORETICAL POWER mw-100 % Eff.	ESTIMATED AVERAGE ANNUAL GENERATION mwh
Percent duration	cfs	m³/sec	Forebay		Tailrace		Gross			
			ft.	m	ft.	m	ft.	m		
95	11	0.3	225	68.6	0		225	68.6	0.21	
50	115	3.3							2.20	
mean	492	14.0							9.41	65,870

Remarks: Bendeleben D-2 Kotzebue (A-2)

See "Interim Report No 6 - Northwestern Alaska" Harbors and Rivers in Alaska Survey Report, USACE June 1, 1957 pgs 102 -

Prepared by GCG Date

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Basin Index 15-A

WATERPOWER OF THE UNITED STATES

State	Alaska	Stream	Kugruk River	Site	Kugruk
County				Owner	
Mer. T. R. Sec.				Constructed	
Lat. 65 ° 54 ' " Long. 162 ° 39 ' " 43				Storage 365,000 af 45,022,385,000 ✓ m ³	
Miles above mouth				Installed capacity _____ mw	
Drainage Area 855 sq.mi. 2214 ✓ sq. km				Installable capacity _____ mw	

FLOW			ELEVATIONS				HEAD		THEORETICAL POWER mw-100 % Eff.	ESTIMATED AVERAGE ANNUAL GENERATION mwh
Percent duration	cfs	m³/sec	Forebay		Tailrace		Gross			
			ft.	m	ft.	m	ft.	m		
95	11	.3 ✓	225	68.6 ✓	0		225	68.6 ✓	.210 ✓	
50	115	3.3 ✓							2199 2.20 ✓	
mean	492	14.0 ✓							9410 ✓	65,870

Remarks:

Prepared by _____ Date _____

Bendeleben D-2