

Form 9-1503
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

1902 0001

240
Basin Index 15 A

WATERPOWER OF THE UNITED STATES

State	Alaska	Stream	Noatak River	Site	Igichuk
County				Owner	
Mer. T. R. Sec.				Constructed	
Lat. 67 ° 15 ' " Long. 162 ° 35 ' "				Storage 7,500,000 af 925,117,500,000 m ³	
Miles above mouth				Installed capacity mw	
Drainage Area 12,450 sq. mi. 32,246 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	180	5.1	140	42.7	20	6.1	120	36.6	1.84	
50	1750	50.0							17.85	
mean	8630	244.4							88.03	616,210

Remarks:

Noatak Recon.

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U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

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Basin Index
15-A

WATERPOWER OF THE UNITED STATES

State Alaska Stream Noatak River Site Igichuk 2592

County _____ Owner _____
Mer. _____ T. _____ R. _____ Sec. _____ Constructed _____
Lat. 67 ° 15 ' " Long. 162 ° 35 ' " Storage 7,500,000 af 925,117,500,000 ✓ m³
Miles above mouth _____ Installed capacity _____ mw
Drainage Area 12 450 sq. mi. 32246 ✓ sq. km Installable capacity _____ mw

28.90

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	180	5.1 ✓	140	42.7	20	6.1	340	103.6	5202 ✓	
50	1750	50.0 ✓					120	36.6	50575 ^{50.58}	
mean	8630	244.4 ✓							249400 ^{249.41}	1,745,800

Remarks:

Head 17.84 5
88.00 3
616,210

Prepared by _____ Date _____

Noatak Recon