

Form 9-1503  
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR  
GEOLOGICAL SURVEY

Basin Index 15 A

WATERPOWER OF THE UNITED STATES

State <u>Alaska</u>	Stream <u>Kobuk River</u>	Site <u>Kobuk River</u>
County _____		Owner _____
Mer. _____ T. _____ R. _____ Sec. _____		Constructed _____
Lat. <u>67 ° 08 ' "</u> Long. <u>159 ° 07 ' "</u>		Storage <u>6,500,000</u> af <u>8,017,685,000</u> m <sup>3</sup>
Miles above mouth _____		Installed capacity _____ mw
Drainage Area <u>7,660</u> sq.mi. <u>19,839</u> 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	250	7.08	150	45.72	40	12.19	110	33.53	2.34	
50	3,420	96.85							31.98	
mean	9,500	269.04							88.83	621,810

Remarks:

**Baird Mtns. A-1**

**Development improbable because of tailrace freezing**

Form 9-1503  
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR  
GEOLOGICAL SURVEY

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Basin Index

WATERPOWER OF THE UNITED STATES

State	Stream	Kobuk River	Site	Kobuk	1592
County			Owner		
Mer.	T.	R.	Constructed		
Lat.	67° 08'	Long.	159° 07'	Storage 6,500,000 af 8,017,685,000 m <sup>3</sup>	
Miles above mouth			Installed capacity		
Drainage Area 7660 sq. mi. 19,839 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	250	7.08	150	45.72	40	12.19	110	33.53	2.34	
50	3420	96.85							31.98	
mean	9,500	269.04							88.83	621 810

Remarks: Baird Inters H-1

Development improbable because of tailrace freezing

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