Basin Index 15 Å

6 0000 Form 9-1503 (Feb. 1962)

## U.S. DEPARTMENT OF INTERIOR GEOLOGICAL SURVEY

## WATERPOWER OF THE UNITED STATES

State Alaska	Stream	Kobuk	Rive	r	Site	Kobuk River	2592
County				Owner			
MerT	R	_Sec		Constructed_			
Lat. 67 ° 08 '	Long. 159 °	07 '	11	Storage 6,5	00,000 af	8,017,685,000	m3
Miles above mouth				Installed cap	oacity		mw
Drainage Area 7,660	sq.mi. 19,8	39s	q. km	Installable ca	pacity		mw

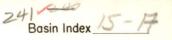
FLOW			ELEVATIONS				HEAD		THEORETICAL	ESTIMATED AVERAGE
Percent duration cfs	-3/	Forebay		Tailrace		Gross		POWER	ANNUAL GENERATION	
	CTS	s m <sup>3</sup> /sec	ft.	m	ft.	m	ft.	m	mw-100 % Eff.	mwh
95	250	7.08	150	45.72	40	12.19	110	33.53	2.34	
50	3,420	96.85							31.98	
mean	9,500	269.04							88.83	621,810

Remarks:

Baird Mtns. A-1 Development improbable because of tailrace freezing Form 9-1503 (Feb. 1962)

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## U.S. DEPARTMENT OF INTERIOR GEOLOGICAL SURVEY



			WAIL	RPOW	ER O	11 -	Tra.	ED SI	AIES	1 1		
State	Stream Kobuk						BIVER Site KOBUK 1592					
County						Ow	Owner					
Mer							Constructed					
Lat. 67 ° 08 ' " Long. 159 ° 07 ' "							Storage 6,500,000 af 8,017,685,000 m <sup>3</sup>					
Miles above mouth							Installed capacitymw					
Drainage Area 7660 sq.mi. 19, 839 sq. km Installable capacitymw												
	-											
	FLOW ELEVATIONS						HEAD		THEORETICAL	ESTIMATED AVERAGE		
Percent duration	cfs	m <sup>3</sup> /sec	Forebay		Tailrace		Gross		POWER	ANNUAL GENERATION		
			ft.	m	ft.	m	ft.	m	mw-100 % Eff.	mwh		
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	621810		
Remarks:	Pain	5-7	no 1	7-1	,	. ,		-	- 1	,		
	Deve	lopner	t en	pro	bold	he	loud	21	school j	reigning		

Prepared by Date