Form 9-1503 (Feb. 1962)

U.S. DEPARTMENT OF INTERIOR GEOLOGICAL SURVEY

Basin Index 13 DC

WATERPOWER OF THE UNITED STATES

State	Alaska		Stream	North	Bradfi	eld River	SiteNorth	Bradfield	River 2592
County_	First	Judicial	Division			Owner			
Mer.	T		R	Sec.		Constructed			
Lat. 5	6 °18.2	' N "_L	_ong131 °	24	' W. "	Storage 30,0	0 00 _af	37,004,700	m3
Miles at	ove mouth					Installed capac	city		mw
Drainage	e Area_ 1:	36.0	_sq.mi 35 2	2.24	sq. km	Installable capa	city		mw

	FLOW			ELEVA	TIONS		HE	AD	THEORETICAL	ESTIMATED AVERAGE
Percent	-4-	-3/	Fore	ebay	Tail	Irace	Gro	ss	POWER	ANNUAL GENERATION
duration	cfs	m ³ /sec	ft.	m	ft.	m	ft.	m	mw-100 % Eff.	mwh
95	210	6.0	400	121.9	150	45.7	250	76.2	4.47	
50	1310	37.1							27.83	
mean	1430	40.5							30.20	211,400

Remarks:

Bradfield Canal B-5

	Prepared	by	GCG	Date
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13-DC

WATERPOWER OF THE UNITED STATES

State Alaska	Stream North Bradfi	eld River SiteNorth Bradfield River	2592
County First Judici	RSec	OwnerConstructed	m3
Lat. 56 ° 18.2 ' N Miles above mouth		Storage 30,000 af 37,004,700 Installed capacity	mw
Drainage Area 136.0	o sq.mi. 352.24 sq. km	Installable capacity	mw

	FLOW			ELEVA	TIONS		HE	AD	THEORETICAL	ESTIMATED AVERAGE
Percent		3/	Fore	ebay	Tail	race	Gro	oss	POWER	ANNUAL GENERATION
duration	cfs	m ³ /sec	ft.	m	ft.	m	ft.	m	mw-100 % Eff.	mwh
95	210	6.0	400	91.4	150	45.7	250	45.7	2677.68	
50	1310	37.1	400	121.9			250	76.2	16702	
mean	1430	40.5						1/.	18232	127,610

Remarks:

27.83

711,400

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repared	by	1500.	Date	

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