

WATERPOWER OF THE UNITED STATES

State Alaska Stream Nenana River Site Bruskasna Creek (Nenana)

County _____ Owner _____
 Mer. _____ T. 17 S. R. 6 W. Sec. 24²⁵ Constructed _____
 Lat. 63° 25' 40" Long. 148° 37' 30" Storage 360,000 af 4 44,056,400 m³
 Miles above mouth _____ Installed capacity _____ mw
 Drainage Area 648 sq.mi. 1678 sq.km Installable capacity _____ mw

FLOW			ELEVATIONS				HEAD		THEORETICAL POWER mw-100% Eff.	ESTIMATED AVERAGE ANNUAL GENERATION mwh
Percent duration	cfs	m ³ /sec	Forebay		Tailrace		Gross			
			ft.	m	ft.	m	ft.	m		
95	115	3.3	2340	713.2	2080	634.0	260	79.2	2.54	
50	445	12.6							9.83	
mean	1030	29.2							22.76	159,320

Remarks:

**Total storage 694,000 acre-feet
Healy B-4**

*Nenana River Basin Interim Rpt 4 USACE p 9 99
AP Admins list of 252 sites.*

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FLOW			ELEVATIONS				HEAD		THEORETICAL POWER mw-100% Eff.	ESTIMATED AVERAGE ANNUAL GENERATION mwh
Percent duration	cfs	m ³ /sec	Forebay		Tailrace		Gross			
			ft.	m	ft.	m	ft.	m		
95	115	3.3	2340	713.2	2080	634.0	260	79.2	2,541	
50	445	12.6							9,834	
mean	1030	29.2							22,763	159,320 ✓

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Remarks: Total storage 694,000 ac-ft

Healy B-4