

WATERPOWER OF THE UNITED STATES

State Alaska	Stream Nowitna River	Site Nowitna
County _____		Owner _____
Mer. _____ T. _____ R. _____ Sec. _____		Constructed _____
Lat. 64 ° 23 ' " Long. 153 ° 37 ' "		Storage 2,200,000 of 2,713,678,000 m ³
Miles above mouth _____		Installed capacity _____ mw
Drainage Area 3740 sq. mi. 9686.6 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	92	2.6	370	112.8	250	76.2	120	36.6	.94	
50	955	27.0							9.76	
mean	3080	87.2							31.42	219,940

Remarks:

Damsite located below Titna River junction
Runoff estimated from gage on Melozitna River nearby

Ruby B-2

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