

WATERPOWER OF THE UNITED STATES

State ^AAlaska Stream Chisana River Site Chisana River

County _____				Owner _____			
Mer. _____ T. _____ R. _____		Sec. _____		Constructed _____			
Lat. 62 ° 18 ' 30 " Long. 141 ° 45 ' "		Storage 280,000 af 345,377,200 m ³					
Miles above mouth _____				Installed capacity _____ mwh			
Drainage Area 770 sq.mi. 1994.3 sq.km		Installable capacity _____ mwh					

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	160	4.5	3190	972.3	2970	905.3	220	67.1	2.99	
50	250	7.1							4.68	
mean	600	17.0							11.22	78.540

Remarks:

Sedimentation and bed load deposition may be a major problem
 Total storage 830,000 acre-feet.
 Nabesna Recon. quadrangle