

WATERPOWER OF THE UNITED STATES

State Alaska Stream Chulitna River Site Chulitna ^{TOKICHITNA}

County _____ Owner _____
 Mer. SEWARD T. 29 N R. 5 W Sec. 32-33 Constructed _____
 Lat. 62 ° 34 ' " Long. 150 ° 14 ' " Storage 1,200,000 of 148,018,800,000 m³
 Miles above mouth _____ Installed capacity _____ mw
 Drainage Area 2520 sq. mi. 6527 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	780	22.1	700	213.4	500	152.4	200	61.0	13.26	
50	2283	64.6							38.81	
mean	8730	247.2							148.41	1,038,870

Remarks: **Talkeetna C-1**
 GAGE 1 mile upstream.

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WATERPOWER OF THE UNITED STATES

State Alaska Stream Chulitna River Site Chulitna 2592

County _____ Owner _____
 Mer. _____ T. _____ R. _____ Sec. _____ Constructed _____
 Lat. 62° 37' " Long. 149° 40' " Storage 1,200,000 af 148,018,800,000 m³
 Miles above mouth _____ Installed capacity _____ mw
 Drainage Area 2520 sq. mi. 6527 sq. km Installable capacity _____ mw

17.00

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	780	22.1 ✓	700 750	213.4	500 450	152.4	200	61.0 ✓	13,260 ✓	
50	2283	64.6 ✓							38,811 ✓	
mean	8730	247.2 ✓							148,410 ✓	1,038,870

Remarks:

Talpälvä C-1