

WATERPOWER OF THE UNITED STATES

State Alaska Stream Winstanley Creek Site Winstanley Creek

County <u>First Judicial Division</u> Mer. _____ T. _____ R. _____ Sec. _____ Lat. <u>55 ° 24 ' 6 "</u> Long. <u>130 ° 53 ' 3 "</u> Miles above mouth _____ Drainage Area <u>13.1</u> sq.mi. <u>33.93</u> sq. km	Owner _____ Constructed _____ Storage <u>23,600</u> af <u>29,110,364</u> m ³ Installed capacity _____ mw 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	21	0.6	455	138.7	10	3.0	445	135.6	0/79	
50	126	3.6							4.76	
mean	130	3.7							4.92	

Remarks: **Ketchikan B-3**

13-D0

WATERPOWER OF THE UNITED STATES

State Alaska Stream Winstanley Creek Site Winstanley Creek

County First Judicial Division Owner _____
 Mer. _____ T. _____ R. _____ Sec. _____ Constructed _____
 Lat. 55° 24' 6" Long. 130° 53' 3" Storage 23,600 af 29,110,364 m³
 Miles above mouth _____ Installed capacity _____ mw
 Drainage Area 13.1 sq. mi. 33.93 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	21	.6	355	102.2	10	3.1	345	103.2	616.62	
50	126	3.6 4.0	455				445		3695.370	
mean	130	3.7 4.0							3812	26,670

Remarks:

0.79
4.76
4.92

Ketchikan B-3