

## WATERPOWER OF THE UNITED STATES

State Alaska Stream ~~Crescent Lake~~ Jim's Creek Site ~~Crescent~~ <sup>also</sup> "Jim's L."

County <u>First Judicial Division</u>	Owner _____
Mer. _____ T. _____ R. _____ Sec. _____	Constructed _____
Lat. <u>57 ° 34.2 ' "</u> Long. <u>134 ° 19.9 ' "</u>	Storage <u>15,000</u> af <u>18,502,350</u> m <sup>3</sup>
Miles above mouth _____	Installed capacity _____ mw
Drainage Area <u>17.7</u> sq. mi. <u>45.84</u> sq. km	Installable capacity _____ mw

FLOW			ELEVATIONS				HEAD		THEORETICAL POWER mw-100 % Eff.	ESTIMATED AVERAGE ANNUAL GENERATION mwh
Percent duration	cfs	m <sup>3</sup> /sec	Forebay		Tailrace		Gross			
			ft.	m	ft.	m	ft.	m		
95	19	0.5	232	70.7	47	14.3	185	56.4	0.30	
50	153	4.3							2.41	
mean	170	4.8							2.67	18,690

Remarks: **Admiralty Island - Sitka C-1**

Form 9-1503  
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR  
GEOLOGICAL SURVEY

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WATERPOWER OF THE UNITED STATES

State Alaska Stream Crescent Lake Site Crescent ("Jim's L.")

County <u>First Judicial Division</u>				Owner _____	
Mer. _____ T. _____ R. _____ Sec. _____	Constructed <u>18,502,350</u>				
Lat. <u>57 ° 34.2'</u> " Long. <u>134 ° 19.9'</u> "	Storage <u>15 000</u> af <u>3,502.35</u> m <sup>3</sup>				
Miles above mouth _____	Installed capacity _____ mw				
Drainage Area <u>17.7</u> sq.mi. <u>45.84</u> sq. km	Installable capacity _____ mw				

FLOW			ELEVATIONS				HEAD		THEORETICAL POWER mw-100% Eff.	ESTIMATED AVERAGE ANNUAL GENERATION mwh
Percent duration	cfs	m <sup>3</sup> /sec	Forebay		Tailrace		Gross			
			ft.	m	ft.	m	ft.	m		
95	19	.5	232	70.7	47	14.3	185	56.4	.29930	
50	153	4.3							2406.41	
mean	170	4.8							2673	18,690

Remarks:

Prepared by \_\_\_\_\_ Date \_\_\_\_\_

Sitka C-1

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