

WATERPOWER OF THE UNITED STATES

State Alaska Stream Crescent Lake Creek Site Crescent & Carter Lakes

County _____				Owner _____			
Mer. _____ T. _____ R. _____ Sec. _____				Constructed _____			
Lat. <u>60</u> ° <u>30</u> ' " Long. <u>149</u> ° <u>26</u> ' "				Storage <u>21,000</u> af of <u>25,903,290</u> m ³			
Miles above mouth _____				Installed capacity _____ mw			
Drainage Area <u>24</u> sq. mi. <u>62.16</u> 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	6	0.2	1465	446.5	343	104.6	1122	342.1	0.57	
50	38	1.1							3.62	
mean	50	1.4							4.77	33,390

Remarks: **Seward C-7**

Damsites: T.S.N., R. 2 W., Sec 35 (to raise surface level only)
 T.S.N., R. 1 W., Sec 28 (dam + intake at Carter Lake)
 Alternative intake site: T. 4 N., R. 1 W., Sec 7 or Sec 8
 Pwhse sites - on Carter Creek (unsurveyed)
 → or T. 4 N., R. 1 W., Sec 29

See also
 FPP 2171
 + U.S.G.S. open
 File rept. by
 Johnson in 1955.

14-11B

WATERPOWER OF THE UNITED STATES

State Alaska Stream Crescent Lake Creek Site Crescent & Carter Lakes 1592

County _____	Owner _____
Mer. _____ T. _____ R. _____ Sec. _____	Constructed _____
Lat. <u>60</u> ° <u>30</u> ' " Long. <u>149</u> ° <u>26</u> ' "	Storage <u>21,000</u> of <u>25,903,290</u> m ³
Miles above mouth _____	Installed capacity _____ mw
Drainage Area <u>24</u> sq. mi. <u>62.16</u> 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	6	.2	1465	446.5	343	104.6	1122	342.1	.572	
50	38	1.1							3624	
mean	50	1.4							4.77 4768	33,376

Remarks:

33,390

Seward C-7