

## WATERPOWER OF THE UNITED STATES

State <u>Alaska</u>	Stream <u>Kashwitna River</u>	Site <u>Kashwitna</u>	2592
County _____		Owner _____	
Mer. <u>Seward</u> T. <u>22N</u> R. <u>3W</u> Sec. <u>29</u>		Constructed _____	
Lat. <u>61° 57' 30"</u> Long. <u>149° 56'</u> "		Storage <u>400,000</u> of <u>493,396,000</u> m <sup>3</sup>	
Miles above mouth _____		Installed capacity _____ mw	
Drainage Area <u>270</u> sq.mi. <u>699</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	28	<u>0.8</u>	550	<u>167.6</u>	315	<u>96.0</u>	235	<u>71.6</u>	0.56	
50	150	<u>4.2</u>							3.00	
mean	570	<u>16.1</u>							11.39	79,730

Remarks:

**No gage**

**Anchorage D-8**

*See "Air Geologic Reconnaissance of Dam Site Area at mouth of Kashwitna River Valley Talkeetna Mts., Alaska.  
D.L. Gaskill & R.G. Wrayland. USGS*

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County \_\_\_\_\_ Owner \_\_\_\_\_  
 Mer. \_\_\_\_\_ T. \_\_\_\_\_ R. \_\_\_\_\_ Sec. \_\_\_\_\_ Constructed \_\_\_\_\_  
 Lat. 61 ° 57' 30 " Long. 149 ° 56 ' " Storage 400,000 of 493,396,000 m<sup>3</sup>  
 Miles above mouth \_\_\_\_\_ Installed capacity \_\_\_\_\_ mw  
 Drainage Area 270 sq.mi. 699 sq.km Installable capacity \_\_\_\_\_ mw

.019975

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	28	.8	550	167.6	315	96.0	235	71.6	.559	
50	150	4.2							2.996	
mean	570	16.1							11.386	79,730

Remarks: No gage

.58  
3.00

Anchorage D-8