

# WATERPOWER OF THE UNITED STATES

State Alaska Stream Koyukuk River Site Hughes

County \_\_\_\_\_ Owner \_\_\_\_\_  
 Mer. \_\_\_\_\_ T. \_\_\_\_\_ R. \_\_\_\_\_ Sec. \_\_\_\_\_  
 Lat. 66 ° 02 ' " Long. 154 ° 16 ' " Constructed \_\_\_\_\_  
 Storage 455,000 af 561,237,950 m<sup>3</sup>  
 Miles above mouth \_\_\_\_\_ Installed capacity \_\_\_\_\_ mw  
 Drainage Area 18,875 sq. mi. 48,886 sq. km Installable capacity \_\_\_\_\_ mw

FLOW			ELEVATIONS				HEAD		THEORETICAL POWER mw-100 % Eff.	ESTIMATED AVERAGE ANNUAL GENERATION mwh
Percent duration	cfs	m³/sec	Forebay		Tailrace		Gross			
			ft.	m	ft.	m	ft.	m		
95	553	15.7	365	111.2	280	85.3	85	25.9	4.00	
50	6750	191.1							48.77	
mean	24,000	679.6							173.40	1,213,800

Remarks: Total storage = 1,140,000 acre-feet  
 Hughes A-3 quadrangle