

Form 9-1503  
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR  
GEOLOGICAL SURVEY

19030003

Basin Index 153 ✓  
14-B EW

### WATERPOWER OF THE UNITED STATES

State **Alaska** Stream **Yukon River** Site **Rampart Canyon** 2592

County _____				Owner _____			
Mer. _____ T. _____ R. _____ Sec. _____		Constructed _____		Storage <b>100,000,000</b> af <b>123,349,000,000</b> m <sup>3</sup>			
Lat. <b>65 ° 23 ' "</b> Long. <b>150 ° 54 ' "</b>		Miles above mouth _____		Installed capacity _____ mw			
Drainage Area <b>200,000</b> sq.mi. <b>518,000</b> 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	<b>12782</b>	<b>361.9</b>	<b>660</b>	<b>201.2</b>	<b>220</b>	<b>67.1</b>	<b>440</b>	<b>134.1</b>	<b>478.05</b>	
50	<b>42500</b>	<b>1203.5</b>							<b>1589.50</b>	
mean	<b>111408</b>	<b>3154.7</b>							<b>4166.66</b>	<b>29,166,620</b>

Remarks: **Total storage 1,252,000,000 acre-feet**  
**Tanana B-2 quadrangle**

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14-3E

WATERPOWER OF THE UNITED STATES

State Alaska Stream Yukon River Site Rampart Canyon 2592

County \_\_\_\_\_ Owner \_\_\_\_\_  
 Mer. Fairbanks T. 6 N R. 17 W. Sec. 16 & 21 Constructed \_\_\_\_\_  
 Lat. 65° 23' 00" Long. 150° 54' 00" Storage 100,000,000 of 123,349,000,000 m<sup>3</sup>  
 Miles above mouth 518,000. Installed capacity \_\_\_\_\_ mw  
 Drainage Area 200,000 sq. mi. 590,000.0 sq. km Installable capacity \_\_\_\_\_ mw

37.4

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	12782	361.9	660	201.2	220	67.1	440	134.1	478,047	
50	42500	1203.5							1,589,500	
mean	111408	3154.7							4,166,659	29,166,620

Remarks:

Total storage 1,252,000,000 acft

Tanana B-2