

Form 9-1503
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

149
Basin Index 14-BB

WATERPOWER OF THE UNITED STATES

State Alaska Stream Yukon River Site Woodchopper

| | |
|--|--|
| County _____ Mer. _____ T. <u>6 N</u> R. <u>21 E</u> Sec. <u>11-14</u> Lat. <u>65</u> ° <u>21</u> ' <u>20</u> " Long. <u>143</u> ° <u>21</u> ' _____ " Miles above mouth _____ Drainage Area <u>121,800</u> sq. mi <u>315,462.0</u> sq. km | Owner _____ Constructed _____ Storage <u>21,500,000</u> af of <u>26,520,035,000</u> m ³ Installed capacity _____ mwh Installable capacity _____ mwh |
|--|--|

| 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 | 9500 | 269.0 | 1030 | 313.9 | 650 | 198.1 | 380 | 115.8 | 306.85 | |
| 50 | 33500 | 948.6 | | | | | | | 1082.05 | |
| mean | 73102 | 2070.0 | | | | | | | 2361.20 | 16,528,400 |

Remarks: Total storage 69,500,000 feet.
Charley River B-5 quadrangle

Prepared by G.C.G. Date _____