

## WATERPOWER OF THE UNITED STATES

State Alaska Stream Kashwitna River Site Kashwitna River

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

| FLOW                |     |                     | ELEVATIONS |       |          |      | HEAD  |      | THEORETICAL<br>POWER<br>mw-100% Eff. | ESTIMATED AVERAGE<br>ANNUAL GENERATION<br>mwh |
|---------------------|-----|---------------------|------------|-------|----------|------|-------|------|--------------------------------------|---|
| Percent<br>duration | cfs | m <sup>3</sup> /sec | Forebay    |       | Tailrace |      | Gross |      |                                      |   |
|                     |     |                     | ft.        | m     | ft.      | m    | ft.   | m    |                                      |   |
| 95                  | 28  | 0.8                 | 550        | 167.6 | 315      | 96.0 | 235   | 71.6 | 0.56                                 |   |
| 50                  | 150 | 4.2                 |            |       |          |      |       |      | 3.00                                 |   |
| mean                | 570 | 16.1                |            |       |          |      |       |      | 11.39                                | 79.730  |

Remarks:

No gage

Anchorage D-8 quadrangle