

WATERPOWER OF THE UNITED STATES

| | | | |
|-------------------------------------------------------------------------------------|-----------------------------------------------|----------------------------|------|
| State <u>Alaska</u> | Stream <u>Eagle River</u> | Site <u>Eagle River #2</u> | 1592 |
| County _____ | Owner _____ | | |
| Mer. _____ T. _____ R. _____ Sec. _____ | Constructed _____ | | |
| Lat. <u>61</u> ° <u>18</u> ' <u>20</u> " Long. <u>149</u> ° <u>39</u> ' <u>30</u> " | Storage Pondage _____ of _____ m ³ | | |
| Miles above mouth _____ | Installed capacity _____ mw | | |
| Drainage Area <u>206</u> sq. mi. <u>607.7</u> sq. km | Installable capacity _____ mw | | |

| 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 | 39 | 1.1 | 170 | 51.8 | 50 | 15.2 | 120 | 36.6 | 0.40 | |
| 50 | 292 | 8.3 | | | | | | | 2.98 | |
| mean | 458 | 13.0 | | | | | | | 4.67 | 32,690 |

Remarks:

Development improbable - questionable geologic feasibility
Anchorage B-8 quadrangle