

WATERPOWER OF THE UNITED STATES

State Alaska Stream Nenana river Site McKinley

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|--|---|
| County _____ Mer. <u>T13 S</u> R. <u>7 W</u> Sec. <u>27</u> Lat. <u>63</u> ° <u>45</u> ' <u>20</u> " Long. <u>148</u> ° <u>54</u> ' <u>00</u> " Miles above mouth _____ Drainage Area <u>1825</u> sq. mi. <u>4727</u> sq. km | Owner _____ Constructed _____ Storage _____ of _____ m ³ Installed capacity _____ mw 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 | 393 | 11.1 | 1700 | 518.2 | 1400 | 426.7 | 300 | 91.4 | 10.02 | |
| 50 | 1325 | 37.5 | | | | | | | 33.79 | |
| mean | 3400 | 96.3 | | | | | | | 86.70 | 606,900 |

Remarks: ^H Development ~~im~~probable because of questionable geologic feasibility, also *would affect mt. McKinley national Park.*
Healy D-4 quadrangle