

Measurement of water in Strongs

1897

Aug. 14¹ built a dam and divided water into four equal parts. Ran $\frac{1}{4}$ of the water into a barrel that held 3.2 cubic feet which filled in 22 seconds

| Date | Barrel cu. ft. | Time | Total in stream Cu. ft. Per. Sec. |
|--|--|---------|--------------------------------------|
| July 13-18 ¹⁸⁹⁷ measured by floats | | | 110 |
| Aug 14 | 3.07 | 22 sec. | .584 |
| Aug 16 | 3.07 | 22 sec. | .584 |
| Aug 25 | Measured by floats | | .62 |
| Aug 30 | Barrel cu. ft. | Time | Total in stream cu. ft. Per. Sec. |
| " " | 4.374 | 24 sec. | .729 |
| Sept. 6 | 4.374 | 23 sec. | .76 |
| " 14 | divided water into three equal parts and measured $\frac{1}{3}$ of it in barrel. | | |
| Sept. 14 | 4.374 | 21 sec. | .63 |
| " 21 | 4.374 | 21 sec. | .63 |
| " 27 | 4.374 | 18 sec. | .73 |
| Oct. 6 | 4.374 | 18 sec. | .73 |
| Oct. 15 | 4.374 | 17 sec. | .77 |
| Oct. 23 | 4.374 | 18 sec. | .73 |

Canon

| Date | Barrel cu. ft. | Time | Total in stream cu. ft. Per. Sec. |
|---------------------------|----------------|---------|--------------------------------------|
| Nov. 5 | 4.374 | 16 sec. | .82 |
| Nov. 24 | 4.374 | 15 sec. | .875 |
| Jan 22 nd 1898 | 4.374 | 18 sec. | .73 |

Note: The measurement taken on Jan 22nd is estimated from previous measurements snow about one foot deep, stream not frozen, thermometer about 15° below zero.

Storm Oct 14th

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