

07.18.2019

Budd Creek

ADV Measurement

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MW, Bma

Gauging staff upstream of culvert: 0.56 m
@ 1027

① TD* before correction: 2.06 ft @ 1028

File name: Buddbtw3

Start on: LEW @ 4.6 ft Start time 1030

Interval: 0.6 ft

End on: REW @ 16.4 ft

Operator: Bma

End time 1059

Parameters:

$Q_T = 12.131 \text{ cfs}$

$Q_{rated} = 0 \text{ cfs}$

$Q_{uncert} = 5.2\%$

Greatest source: vel. @ 4.8%

Stations = 22

$V_{mean} = 1.191 \text{ ft/s}$

$V_{max} = 1.783 \text{ ft/s}$

$w = 12.101 \text{ ft}^2$

$A = 10.186 \text{ ft}^2$

$d_{mean} = 0.84 \text{ ft}$

$d_{max} = 1.10 \text{ ft}$

$SNR_{mean} = 33.8 \text{ dB}$

$\sigma V_{mean} = 0.045 \text{ ft/s}$

$T = 44.0^\circ\text{F}$

cont.

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Gauging staff: 0.56 m @ 1103

② TD* before correction: 2.05 ft @ 1104

TD corrections

① TD @ 1028 →

② TD @ 1104 →

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