



QRev Discharge Measurement Report

1 of 4

Station Name: 08152024_Remauli

Station Number:

Measurement Date: 2024.08.15

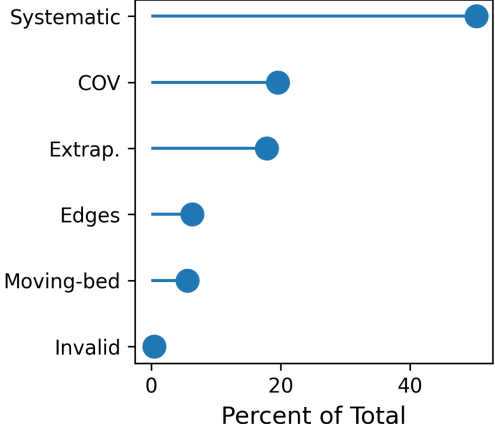
Measurement Number: 0

Discharge: 56.03

Stage: 0.00

User Rating: Not Rated

Processed: 2024.08.18 09:57:27

Field Crew:		Discharge Summary		Cross Section	
Processed By:	sarah	Discharge (ft3/s):	56.03	Mean Velocity (ft/s):	1.390
Software:	QRev	Navigation Ref.:	bt_vel	Max. Velocity (ft/s):	3.139
Version:	4.37	Total Duration (s):	883.4	Mean Depth (ft):	1.910
ADCP		Start Time:	13:38:13	Max. Depth (ft):	3.046
Manufacturer:	TRDI	End Time:	13:53:59	Width (ft):	21.108
Model:	StreamPro	Stage Start:	0.00	Width COV (%):	1.34
Serial Number:	2673	Stage End:	0.00	Area (ft2):	40.318
Firmware:	31.19	Mean Stage:	0.00	Area COV (%):	1.21
Frequency (kHz):	2000	Mean Boat Speed (ft/s):	0.101	Uncertainty	
Premeasurement		Top Extrap:	3-Point	Uncertainty Method: QRev	
W. Temp. (C):	18.522222	Bottom Extrap:	No Slip	95% Total Uncertainty: 4.2 	
W. Temp. ADCP (C):		Extrap Exponent:	0.1667		
System Test:	Passed	Discharg COV (%):	1.18		
Compass Cal/Eval:	0.46	Top Q (%):	16.92		
Magnetic Variaton:	13.5	Measured Q (%):	63.37		
MovBed Test Type:	Loop	Left Q (%):	2.31		
MovBed Test Quality:	Good	Right Q (%):	1.24		
MovBed Test Dur.(s):	307.9	Bottom Q (%):	16.16		
Max MovBed (%):	0.03	Invalid Cells Q (%):	0.13		
Q Correction (%):	0.00	Invalid Ensembles Q (%):	1.27		

Automated QA Messages:

WARNINGS

Cautions

- Transects: ['08152024_Remauli_0_001_24-08-15', '08152024_Remauli_0_004_24-08-15', '08152024_Remauli_0_005_24-08-15', '08152024_Remauli_0_006_24-08-15'] have battery voltage less than 10.5
- Site Info: Station number not entered;
- Extrapolation: User modified default automatic setting.

Comments:

- MMT Remarks:
- [Extrap, 2024-08-18 09:53:43, sarah]: 3-Point and No Slip extrapolation better fit than automated choice.
- [Main, 2024-08-18 09:55:34, sarah]: Transects 000, 001, and 003 restarted due to zero edge issues. No station number for this site.
- [2024-08-18 09:57:23, sarah]: File Saved Q = 56.03 ft3/s (Uncertainty: 4.2%)



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ID	File Name
1	08152024_Remauli_0_001_24-08-15.PD0
4	08152024_Remauli_0_004_24-08-15.PD0
5	08152024_Remauli_0_005_24-08-15.PD0
6	08152024_Remauli_0_006_24-08-15.PD0

Transect ID	Start Edge	Start Time	End Time	Duration (sec)	Top Q (ft3/s)	Middle Q (ft3/s)	Bottom Q (ft3/s)	Left Q (ft3/s)	Right Q (ft3/s)	Total Q (ft3/s)
1	Left	13:38:13	13:41:37	204.7	9.12	35.84	8.86	1.44	0.88	56.15
4	Right	13:44:32	13:48:09	216.6	9.51	35.46	8.66	1.14	0.68	55.45
5	Left	13:48:19	13:52:04	225.5	9.02	35.19	9.59	1.33	0.47	55.6
6	Right	13:53:59	13:57:56	236.7	10.28	35.53	9.1	1.26	0.74	56.91
				883.4	9.48	35.51	9.05	1.29	0.69	56.03

Transect ID	Start Edge	Left Edge Type	Left Dist. (ft)	Left Edge # Ens.	Left Edge Coeff.	Right Edge Type	Right Dist (ft)	Right Edge # Ens.	Right Edge Coeff.
1	Left	Triangular	2.00	10	0.3535	Triangular	3.50	10	0.3535
4	Right	Triangular	2.00	10	0.3535	Triangular	3.50	10	0.3535
5	Left	Triangular	2.00	10	0.3535	Triangular	3.50	10	0.3535
6	Right	Triangular	2.00	10	0.3535	Triangular	3.50	10	0.3535



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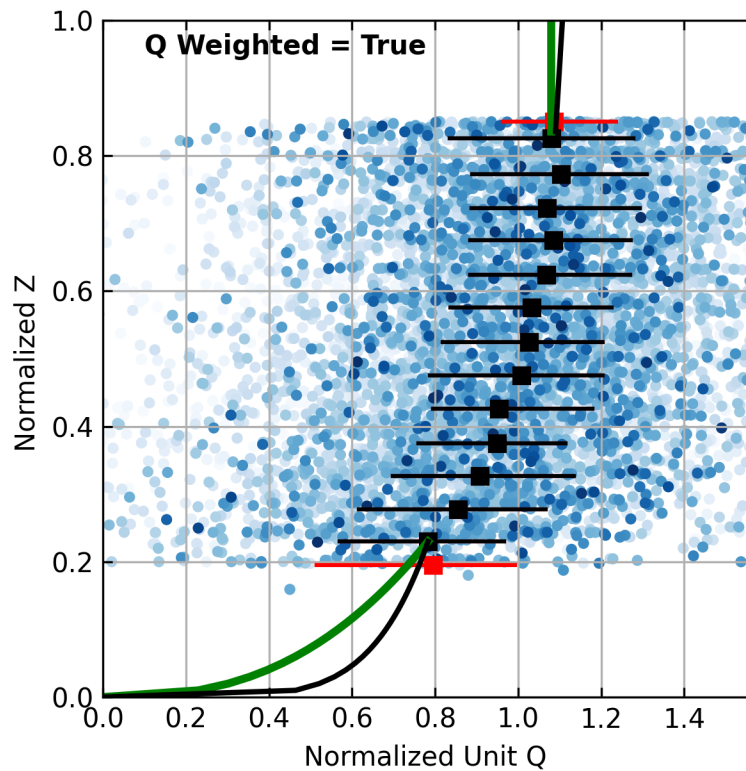
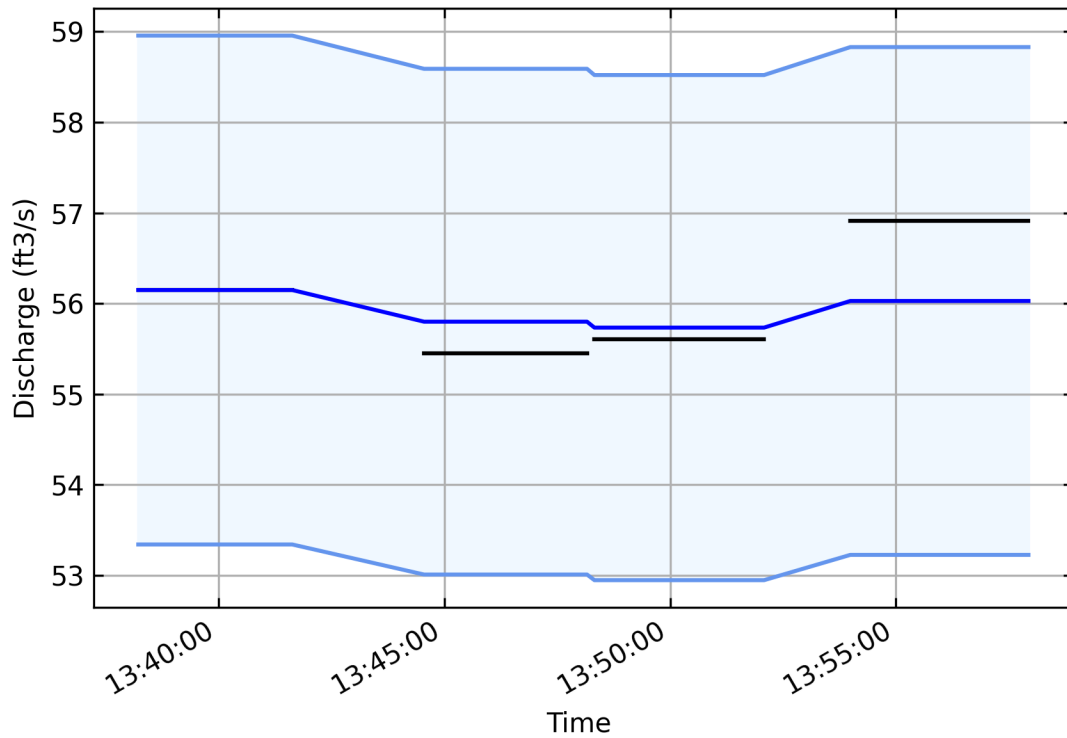
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User Rating: Not Rated

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