



QRev Discharge Measurement Report

1 of 4

Station Name: 08302024_Remauli

Station Number:

Measurement Date: 2024.08.30

Measurement Number: 0

Discharge: 55.84

Stage: 0.00

User Rating: Not Rated

Processed: 2024.09.02 12:52:12

Field Crew:		Discharge Summary		Cross Section															
Processed By:	sarah	Discharge (ft3/s):	55.84	Mean Velocity (ft/s):	1.417														
Software:	QRev	Navigation Ref.:	bt_vel	Max. Velocity (ft/s):	2.966														
Version:	4.37	Total Duration (s):	884.8	Mean Depth (ft):	1.878														
ADCP		Start Time:	09:08:13	Max. Depth (ft):	3.021														
Manufacturer:	TRDI	End Time:	09:20:09	Width (ft):	20.985														
Model:	StreamPro	Stage Start:	0.00	Width COV (%):	1.40														
Serial Number:	2673	Stage End:	0.00	Area (ft2):	39.399														
Firmware:	31.19	Mean Stage:	0.00	Area COV (%):	1.52														
Frequency (kHz):	2000	Mean Boat Speed (ft/s):	0.098	Uncertainty															
Premeasurement		Top Extrap:	Power	Uncertainty Method: QRev															
W. Temp. (C):	12.65	Bottom Extrap:	Power	95% Total Uncertainty: 4.9 <table><tr><th>Component</th><th>Percent of Total</th></tr><tr><td>COV</td><td>4.9</td></tr><tr><td>Systematic</td><td>3.8</td></tr><tr><td>Edges</td><td>0.5</td></tr><tr><td>Moving-bed</td><td>0.5</td></tr><tr><td>Extrap.</td><td>0.5</td></tr><tr><td>Invalid</td><td>0.5</td></tr></table>		Component	Percent of Total	COV	4.9	Systematic	3.8	Edges	0.5	Moving-bed	0.5	Extrap.	0.5	Invalid	0.5
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Invalid	0.5																		
W. Temp. ADCP (C):		Extrap Exponent:	0.2137																
System Test:	Passed	Discharg COV (%):	2.18																
Compass Cal/Eval:	0.19	Top Q (%):	17.50																
Magnetic Variaton:	13.5	Measured Q (%):	61.90																
MovBed Test Type:	Loop	Left Q (%):	2.37																
MovBed Test Quality:	Good	Right Q (%):	1.27																
MovBed Test Dur.(s):	225.5	Bottom Q (%):	16.96																
Max MovBed (%):	0.05	Invalid Cells Q (%):	0.03																
Q Correction (%):	0.00	Invalid Ensembles Q (%):	0.05																

Automated QA Messages:

WARNINGS

Cautions

- Site Info: Station number not entered;

Comments:

- MMT Remarks:
- [Main, 2024-09-02 12:48:42, sarah]: No station number for this site. Measurement went well without issues.
- [2024-09-02 12:49:12, sarah]: File Saved Q = 55.84 ft3/s (Uncertainty: 4.9%)
- [2024-09-02 12:52:08, sarah]: File Saved Q = 55.84 ft3/s (Uncertainty: 4.9%)

ID	File Name
0	08302024_Remauli_0_000_24-08-30.PD0
1	08302024_Remauli_0_001_24-08-30.PD0



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2 of 4

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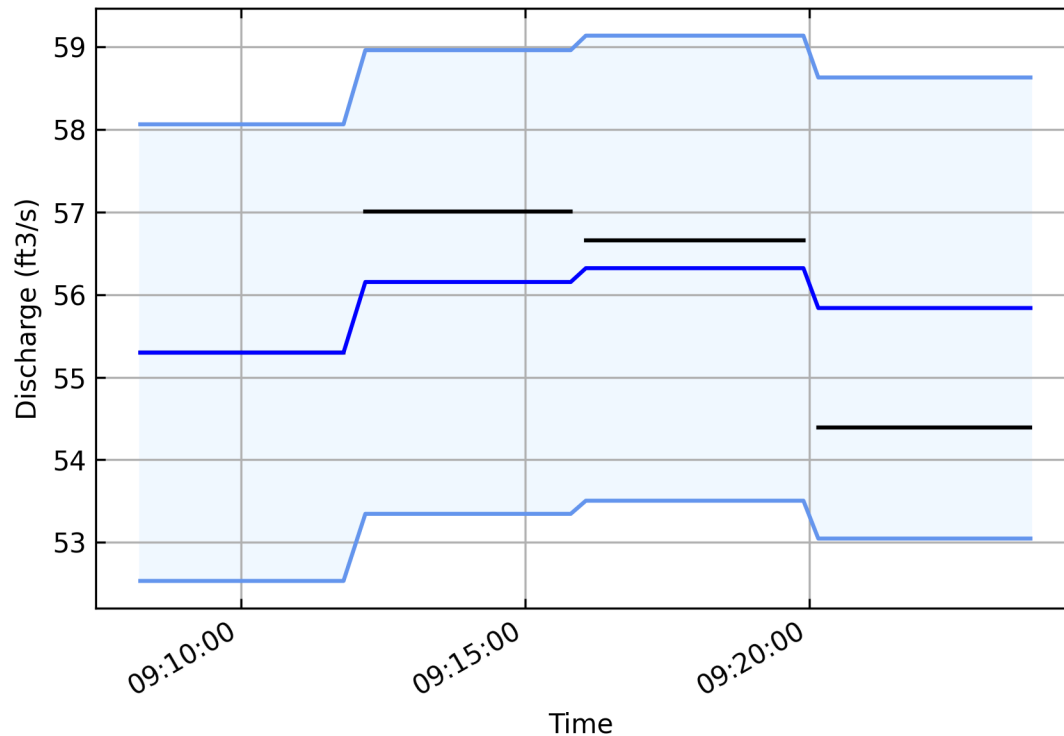
User Rating: Not Rated

Processed: 2024.09.02 12:52:12

ID	File Name
2	08302024_Remauli_0_002_24-08-30.PD0
3	08302024_Remauli_0_003_24-08-30.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)
0	Left	09:08:13	09:11:48	214.5	9.76	33.88	9.69	1.28	0.69	55.3
1	Right	09:12:11	09:15:48	216.8	9.85	35.34	9.3	1.45	1.07	57.01
2	Left	09:16:04	09:19:53	229.6	10.02	35.11	9.6	1.36	0.55	56.65
3	Right	09:20:09	09:23:53	223.9	9.45	33.92	9.29	1.19	0.53	54.39
				884.8	9.77	34.56	9.47	1.32	0.71	55.84

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.
0	Left	Triangular	2.00	10	0.3535	Triangular	3.50	10	0.3535
1	Right	Triangular	2.00	10	0.3535	Triangular	3.50	10	0.3535
2	Left	Triangular	2.00	10	0.3535	Triangular	3.50	10	0.3535
3	Right	Triangular	2.00	10	0.3535	Triangular	3.50	10	0.3535





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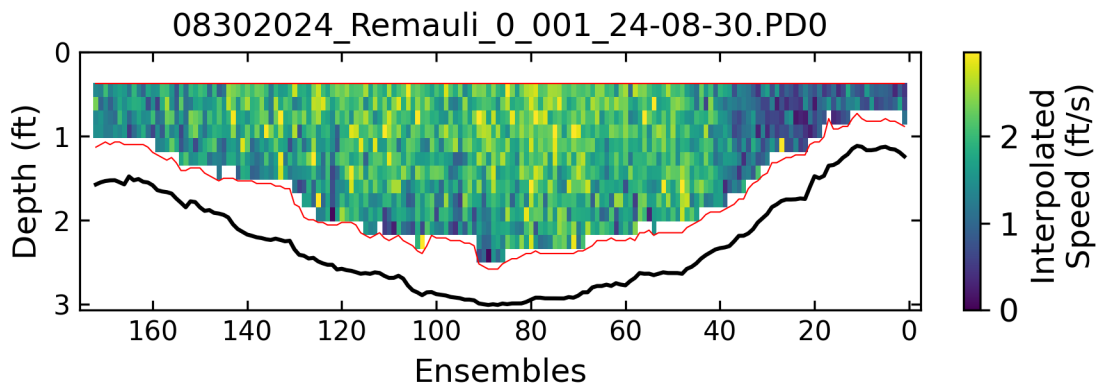
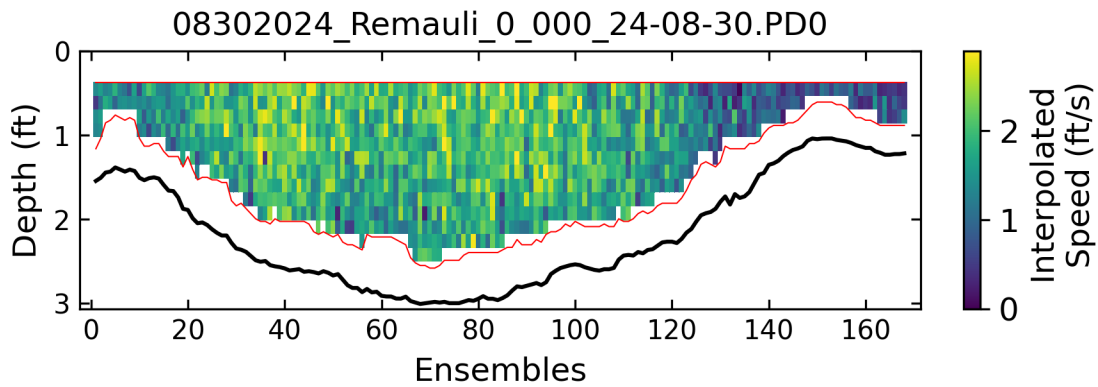
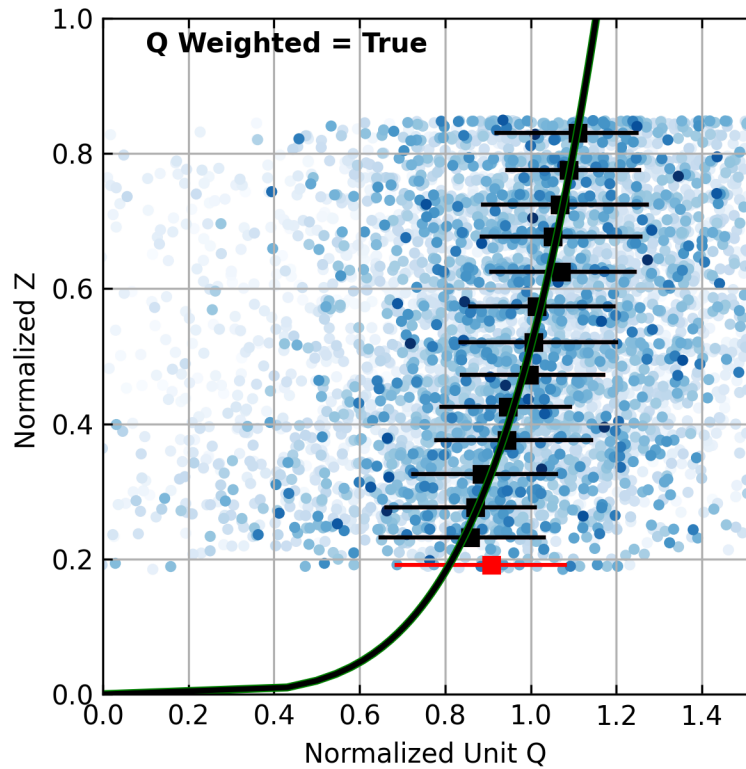
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