



QRev Discharge Measurement Report

1 of 4

Station Name: 06202025_S4Remauli

Station Number:

Measurement Date: 2025.06.20

Measurement Number: 0

Discharge: 198.24

Stage: 0.00

User Rating: Not Rated

Processed: 2025.06.22 12:13:34

Field Crew:		Discharge Summary		Cross Section															
Processed By:	ADCPH	Discharge (ft3/s):	198.24	Mean Velocity (ft/s):	1.737														
Software:	QRev	Navigation Ref.:	bt_vel	Max. Velocity (ft/s):	3.208														
Version:	4.37	Total Duration (s):	878.6	Mean Depth (ft):	4.201														
ADCP		Start Time:	12:48:56	Max. Depth (ft):	5.958														
Manufacturer:	TRDI	End Time:	13:01:23	Width (ft):	27.167														
Model:	StreamPro	Stage Start:	0.00	Width COV (%):	1.91														
Serial Number:	2673	Stage End:	0.00	Area (ft2):	114.140														
Firmware:	31.19	Mean Stage:	0.00	Area COV (%):	2.26														
Frequency (kHz):	2000	Mean Boat Speed (ft/s):	0.131	Uncertainty															
Premeasurement		Top Extrap:	Constant	Uncertainty Method: QRev															
W. Temp. (C):	16.661111	Bottom Extrap:	No Slip	95% Total Uncertainty: 5.2 <table><thead><tr><th>Component</th><th>Percent of Total</th></tr></thead><tbody><tr><td>COV</td><td>45</td></tr><tr><td>Systematic</td><td>35</td></tr><tr><td>Edges</td><td>15</td></tr><tr><td>Moving-bed</td><td>5</td></tr><tr><td>Extrap.</td><td>5</td></tr><tr><td>Invalid</td><td>2</td></tr></tbody></table>		Component	Percent of Total	COV	45	Systematic	35	Edges	15	Moving-bed	5	Extrap.	5	Invalid	2
Component	Percent of Total																		
COV	45																		
Systematic	35																		
Edges	15																		
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Extrap.	5																		
Invalid	2																		
W. Temp. ADCP (C):		Extrap Exponent:	0.2345																
System Test:	Passed	Discharg COV (%):	2.20																
Compass Cal/Eval:	0.86	Top Q (%):	6.29																
Magnetic Variaton:	13.5	Measured Q (%):	73.39																
MovBed Test Type:	Loop	Left Q (%):	3.09																
MovBed Test Quality:	Good	Right Q (%):	3.28																
MovBed Test Dur.(s):	262.2	Bottom Q (%):	13.96																
Max MovBed (%):	0.56	Invalid Cells Q (%):	0.00																
Q Correction (%):	0.00	Invalid Ensembles Q (%):	0.77																

Automated QA Messages:

WARNINGS

Cautions

- Site Info: Station number not entered;

Comments:

- MMT Remarks:
- [Main, 2025-06-22 12:11:39, ADCPH]: No station number for this site. Measurement conditions were cloudy and cool in the 50s (F). Slight wind and gusts caused some unwanted boat movement. No WT issues between independent and ADCP.
- [2025-06-22 12:13:28, ADCPH]: File Saved Q = 198.24 ft3/s (Uncertainty: 5.2%)

ID File Name

- | ID | File Name |
|----|---------------------------------------|
| 0 | 06202025_S4Remauli_0_000_25-06-20.PD0 |
| 1 | 06202025_S4Remauli_0_001_25-06-20.PD0 |



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2 of 4

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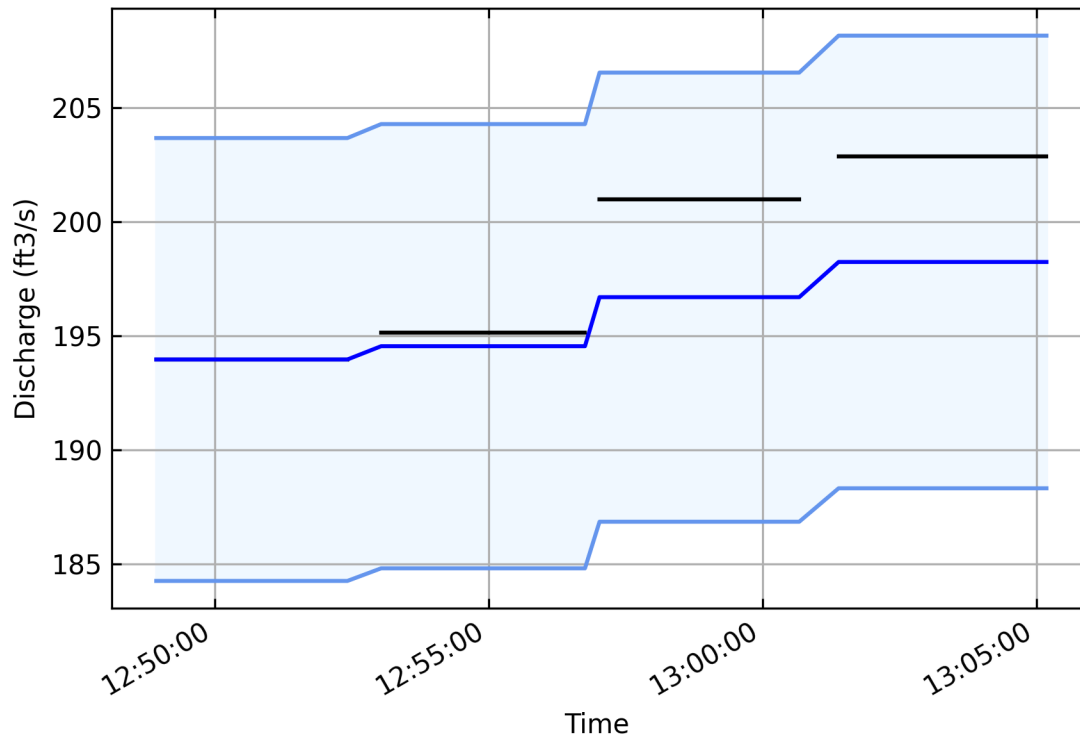
User Rating: Not Rated

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ID	File Name
2	06202025_S4Remauli_0_002_25-06-20.PD0
3	06202025_S4Remauli_0_003_25-06-20.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	12:48:56	12:52:25	209.3	11.98	141.8	26.8	6.49	6.9	193.97
1	Right	12:53:02	12:56:45	223.2	12.69	143.82	26.13	6.2	6.3	195.13
2	Left	12:57:01	13:00:40	218.7	12.64	148.97	27.55	5.45	6.37	200.99
3	Right	13:01:23	13:05:10	227.6	12.55	147.34	30.17	6.34	6.46	202.86
				878.6	12.46	145.48	27.66	6.12	6.51	198.24

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	4.00	10	0.3535	Triangular	3.50	10	0.3535
1	Right	Triangular	4.00	10	0.3535	Triangular	3.50	10	0.3535
2	Left	Triangular	4.00	10	0.3535	Triangular	3.50	10	0.3535
3	Right	Triangular	4.00	10	0.3535	Triangular	3.50	10	0.3535





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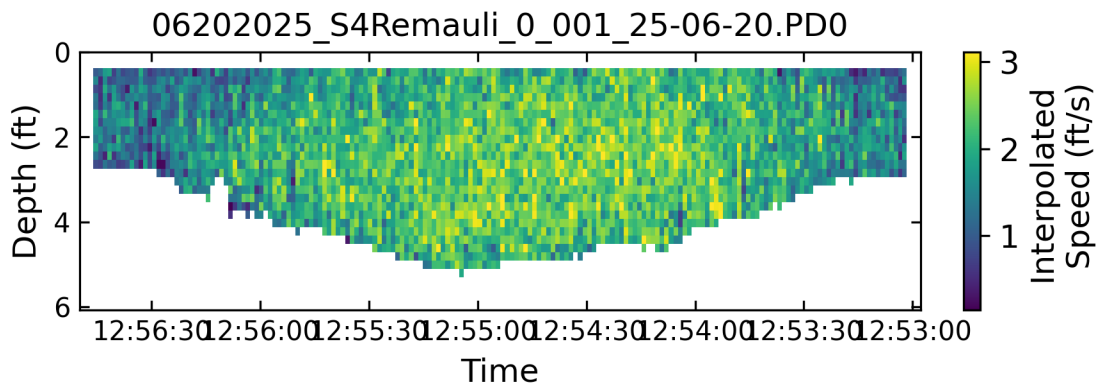
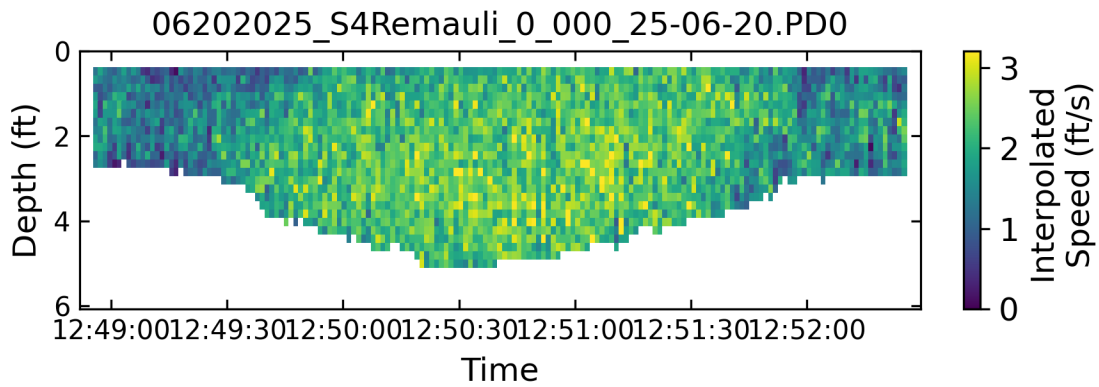
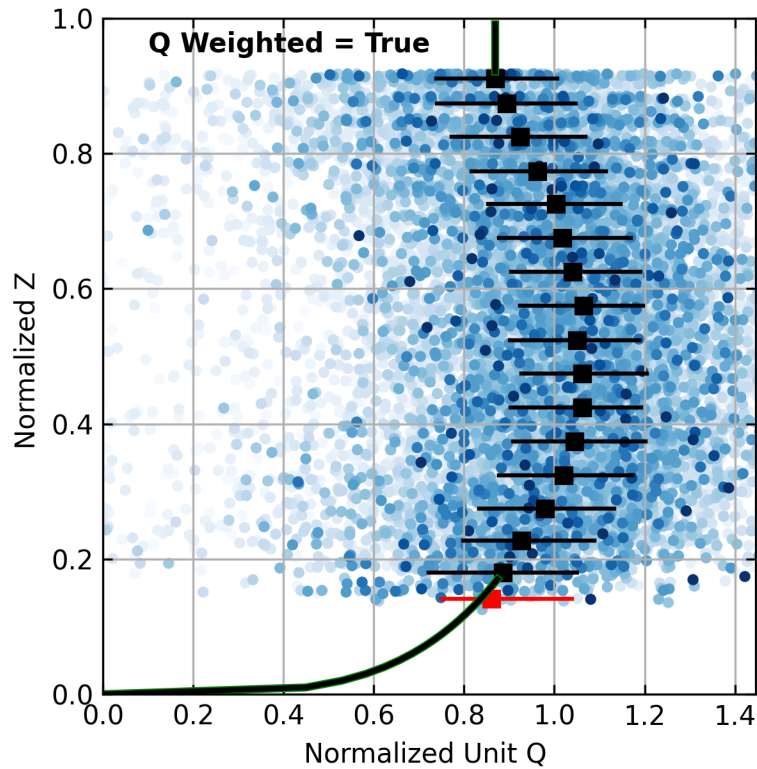
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