



QRev Discharge Measurement Report

1 of 4

Station Name: 06262025_S4Remauli

Station Number:

Measurement Date: 2025.06.26

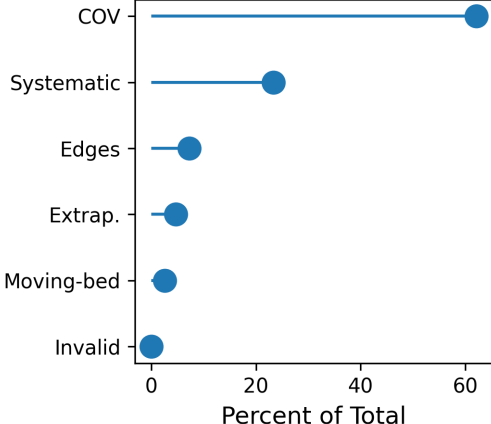
Measurement Number: 0

Discharge: 185.2

Stage: 0.00

User Rating: Not Rated

Processed: 2025.07.02 06:48:12

Field Crew:		Discharge Summary		Cross Section	
Processed By:	sarah	Discharge (ft3/s):	185.2	Mean Velocity (ft/s):	1.728
Software:	QRev	Navigation Ref.:	bt_vel	Max. Velocity (ft/s):	3.164
Version:	4.37	Total Duration (s):	814.7	Mean Depth (ft):	3.889
ADCP		Start Time:	14:35:16	Max. Depth (ft):	5.605
Manufacturer:	TRDI	End Time:	14:46:58	Width (ft):	27.560
Model:	StreamPro	Stage Start:	0.00	Width COV (%):	1.66
Serial Number:	2673	Stage End:	0.00	Area (ft2):	107.180
Firmware:	31.19	Mean Stage:	0.00	Area COV (%):	1.68
Frequency (kHz):	2000	Mean Boat Speed (ft/s):	0.134	Uncertainty	
Premeasurement		Top Extrap:	Constant	Uncertainty Method: QRev	
W. Temp. (C):	19.088889	Bottom Extrap:	No Slip	95% Total Uncertainty: 6.2 	
W. Temp. ADCP (C):		Extrap Exponent:	0.2607		
System Test:	Passed	Discharg COV (%):	3.08		
Compass Cal/Eval:	0.63	Top Q (%):	6.91		
Magnetic Variaton:	13.5	Measured Q (%):	73.37		
MovBed Test Type:	Loop	Left Q (%):	2.35		
MovBed Test Quality:	Good	Right Q (%):	3.23		
MovBed Test Dur.(s):	242.9	Bottom Q (%):	14.14		
Max MovBed (%):	0.50	Invalid Cells Q (%):	0.01		
Q Correction (%):	0.00	Invalid Ensembles Q (%):	0.54		

Automated QA Messages:

WARNINGS

Cautions

- Site Info: Station number not entered;

Comments:

- MMT Remarks:
- [Main, 2025-07-02 06:45:26, sarah]: There is no Station Number for this site. Slow moving water on both sides of channel caused some unwanted boat movement, but not excessively. Measurement conditions were sunny and hot (80s F), water temperature equilibrium took ~30 minutes to get in range of independent.
- [2025-07-02 06:48:06, sarah]: File Saved Q = 185.20 ft3/s (Uncertainty: 6.2%)

ID File Name

- | | |
|---|---------------------------------------|
| 0 | 06262025_S4Remauli_0_000_25-06-26.PD0 |
| 1 | 06262025_S4Remauli_0_001_25-06-26.PD0 |



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2 of 4

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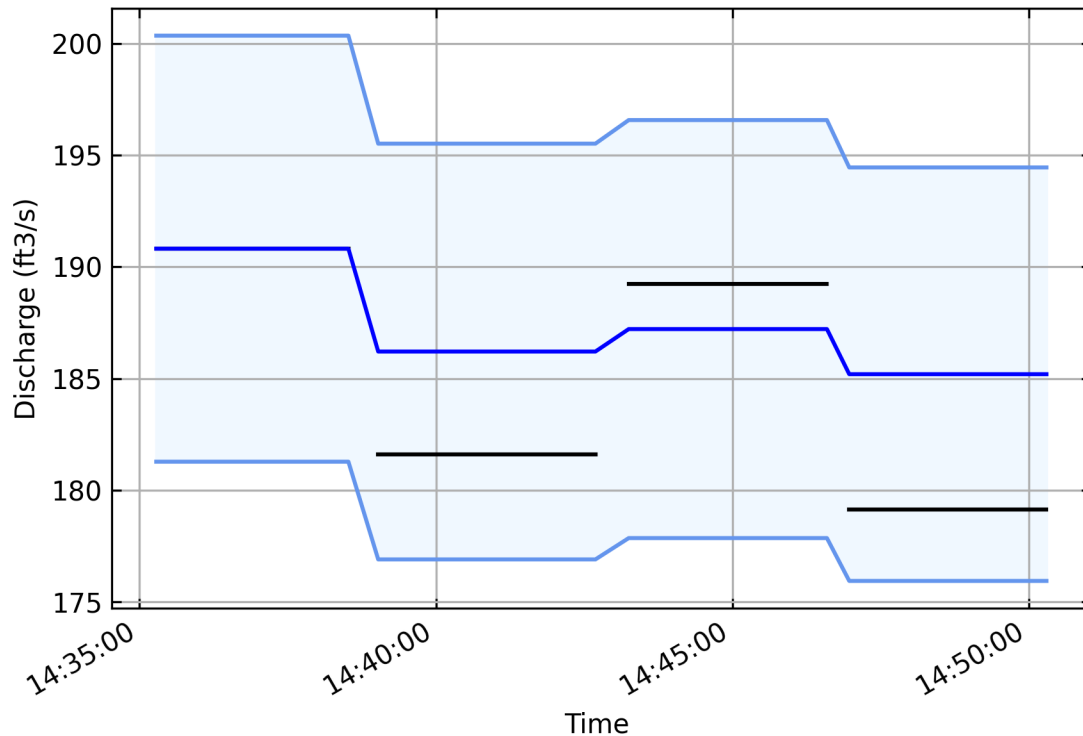
User Rating: Not Rated

Processed: 2025.07.02 06:48:12

ID	File Name
2	06262025_S4Remauli_0_002_25-06-26.PD0
3	06262025_S4Remauli_0_003_25-06-26.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	14:35:16	14:38:31	194.5	13.65	139.98	26.31	4.34	6.54	190.82
1	Right	14:39:01	14:42:41	219.9	11.77	132.5	26.84	4.26	6.24	181.6
2	Left	14:43:15	14:46:35	200.7	13.2	139.9	25.63	4.63	5.87	189.23
3	Right	14:46:58	14:50:18	199.6	12.56	131.15	25.97	4.19	5.27	179.14
				814.7	12.79	135.88	26.19	4.35	5.98	185.2

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





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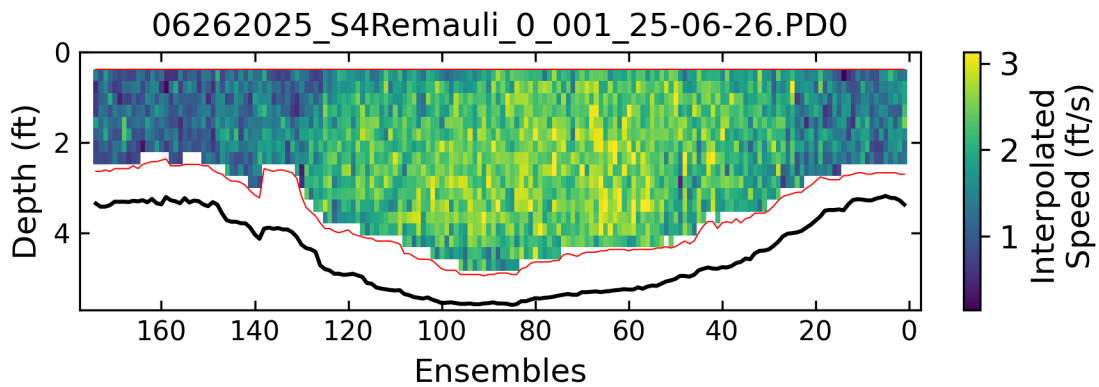
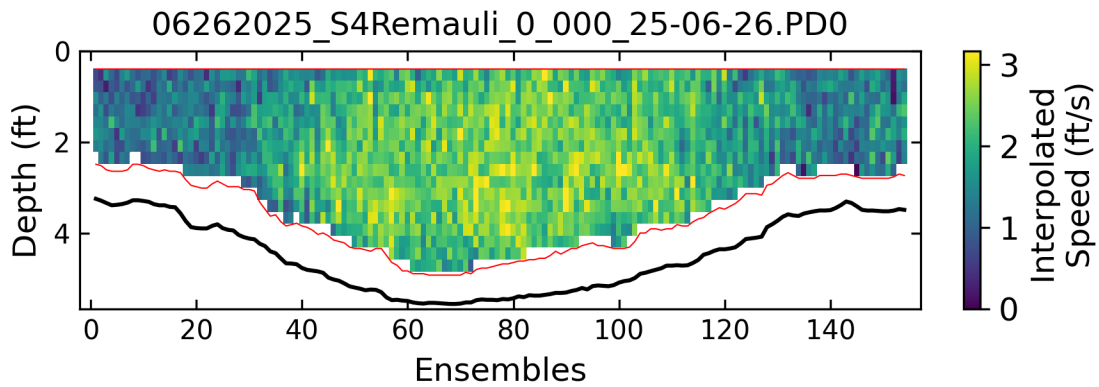
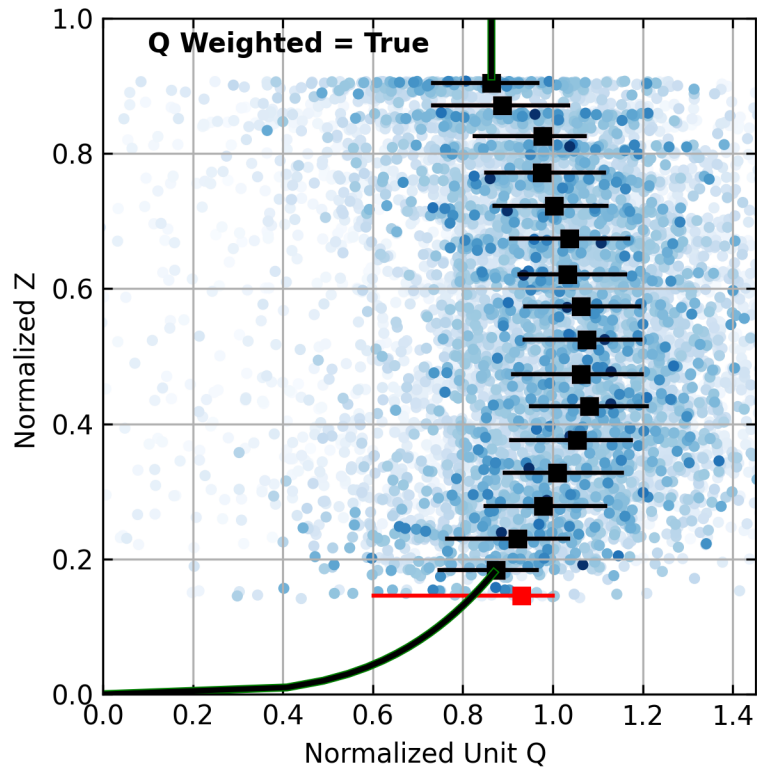
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