



QRev Discharge Measurement Report

1 of 4

Station Name: 06262025_S2Krumbo

Station Number:

Measurement Date: 2025.06.26

Measurement Number: 0

Discharge: 142.55

Stage: 0.00

User Rating: Not Rated

Processed: 2025.07.02 06:37:05

Field Crew:		Discharge Summary		Cross Section															
Processed By:	sarah	Discharge (ft3/s):	142.55	Mean Velocity (ft/s):	1.706														
Software:	QRev	Navigation Ref.:	bt_vel	Max. Velocity (ft/s):	3.332														
Version:	4.37	Total Duration (s):	887.7	Mean Depth (ft):	3.025														
ADCP		Start Time:	09:12:13	Max. Depth (ft):	4.099														
Manufacturer:	TRDI	End Time:	09:25:54	Width (ft):	27.624														
Model:	StreamPro	Stage Start:	0.00	Width COV (%):	3.34														
Serial Number:	2673	Stage End:	0.00	Area (ft2):	83.533														
Firmware:	31.19	Mean Stage:	0.00	Area COV (%):	2.61														
Frequency (kHz):	2000	Mean Boat Speed (ft/s):	0.126	Uncertainty															
Premeasurement		Top Extrap:	Power																
W. Temp. (C):	15.7	Bottom Extrap:	Power	Uncertainty Method: QRev															
W. Temp. ADCP (C):		Extrap Exponent:	0.2180	95% Total Uncertainty: 6.9															
System Test:	Passed	Discharg COV (%):	3.56	<table><tr><th>Component</th><th>Percent of Total</th></tr><tr><td>COV</td><td>6.9</td></tr><tr><td>Systematic</td><td>18.5</td></tr><tr><td>Extrap.</td><td>3.5</td></tr><tr><td>Edges</td><td>3.5</td></tr><tr><td>Moving-bed</td><td>1.5</td></tr><tr><td>Invalid</td><td>1.5</td></tr></table>		Component	Percent of Total	COV	6.9	Systematic	18.5	Extrap.	3.5	Edges	3.5	Moving-bed	1.5	Invalid	1.5
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Moving-bed	1.5																		
Invalid	1.5																		
Compass Cal/Eval:	0.20	Top Q (%):	11.56																
Magnetic Variaton:	13.5	Measured Q (%):	70.41																
MovBed Test Type:	Loop	Left Q (%):	3.06																
MovBed Test Quality:	Good	Right Q (%):	2.53																
MovBed Test Dur.(s):	241.6	Bottom Q (%):	12.44																
Max MovBed (%):	0.38	Invalid Cells Q (%):	0.26																
Q Correction (%):	0.00	Invalid Ensembles Q (%):	0.08																

Automated QA Messages:

WARNINGS

Cautions

- Site Info: Station number not entered;

Comments:

- MMT Remarks:
- [Main, 2025-07-02 06:35:13, sarah]: There is no Station Number for this site. During measurement there were a few BT issues and unwanted boat movement on right side of transect. No other issues during measurement. Measurement conditions were sunny and warm (60s/70s F), no water temperature issues.
- [2025-07-02 06:37:00, sarah]: File Saved Q = 142.55 ft3/s (Uncertainty: 6.9%)

ID File Name

0 06262025_S2Krumbo_0_000_25-06-26.PD0

1 06262025_S2Krumbo_0_001_25-06-26.PD0



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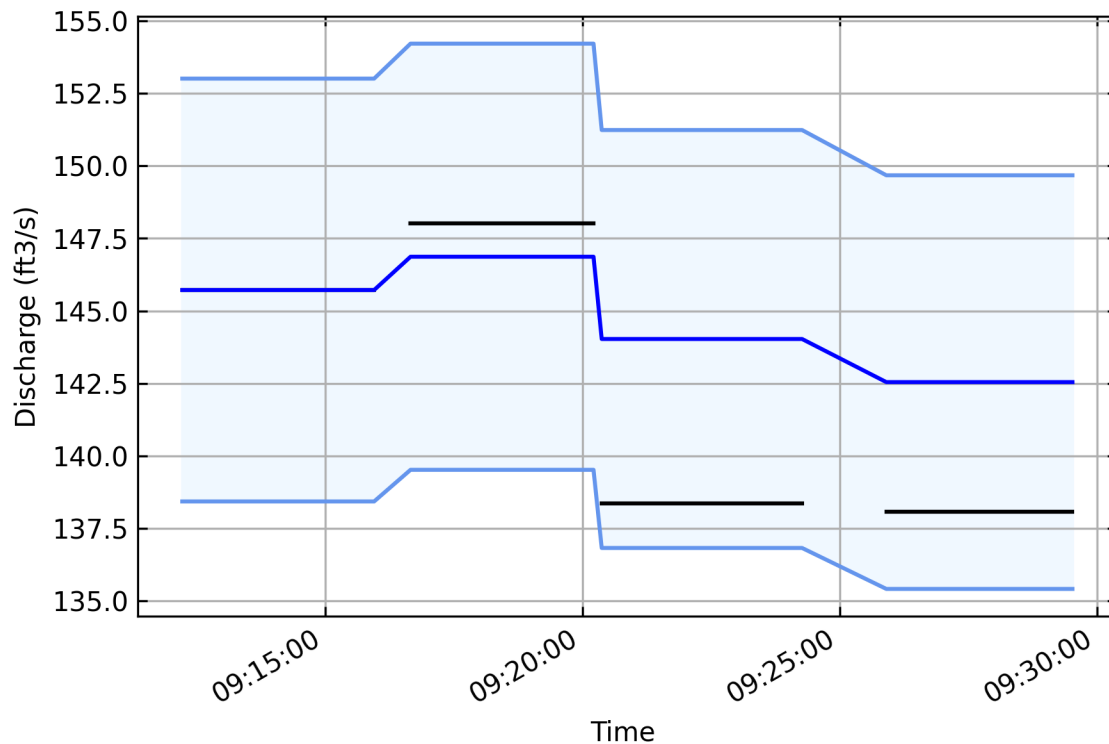
User Rating: Not Rated

Processed: 2025.07.02 06:37:05

ID	File Name
2	06262025_S2Krumbo_0_002_25-06-26.PD0
3	06262025_S2Krumbo_0_004_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	09:12:13	09:15:57	223.7	16.94	102.42	18.4	4.09	3.88	145.72
1	Right	09:16:39	09:20:13	213.4	17.32	104.09	18.7	4.44	3.47	148.02
2	Left	09:20:22	09:24:16	233.6	15.9	96.89	16.95	4.04	4.58	138.36
3	Right	09:25:54	09:29:31	217.0	15.74	98.06	16.9	4.89	2.5	138.09
				887.7	16.47	100.37	17.74	4.37	3.61	142.55

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	4.00	10	0.3535	Triangular	3.50	10	0.3535





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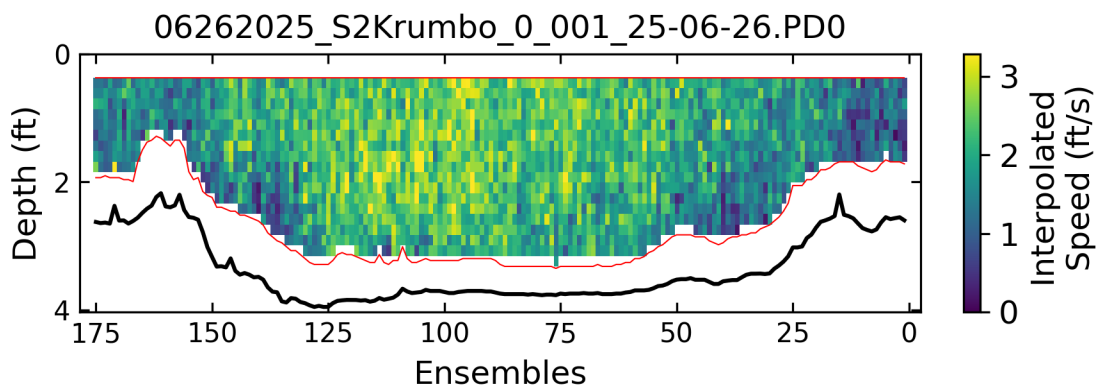
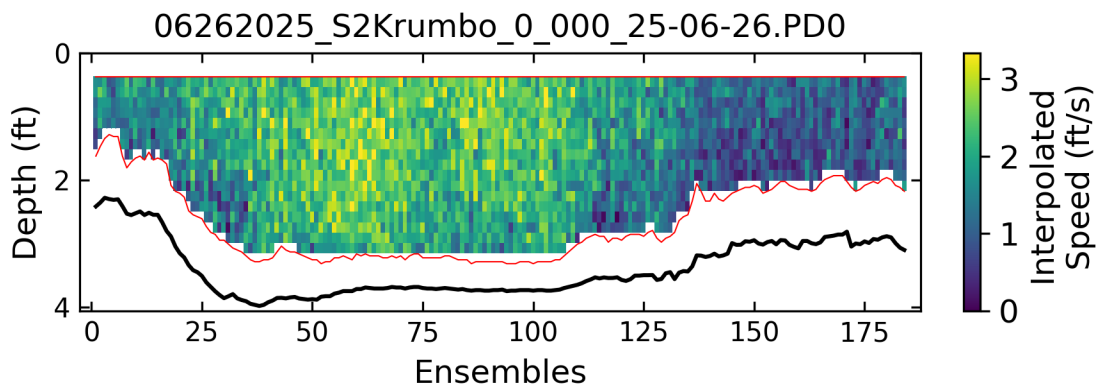
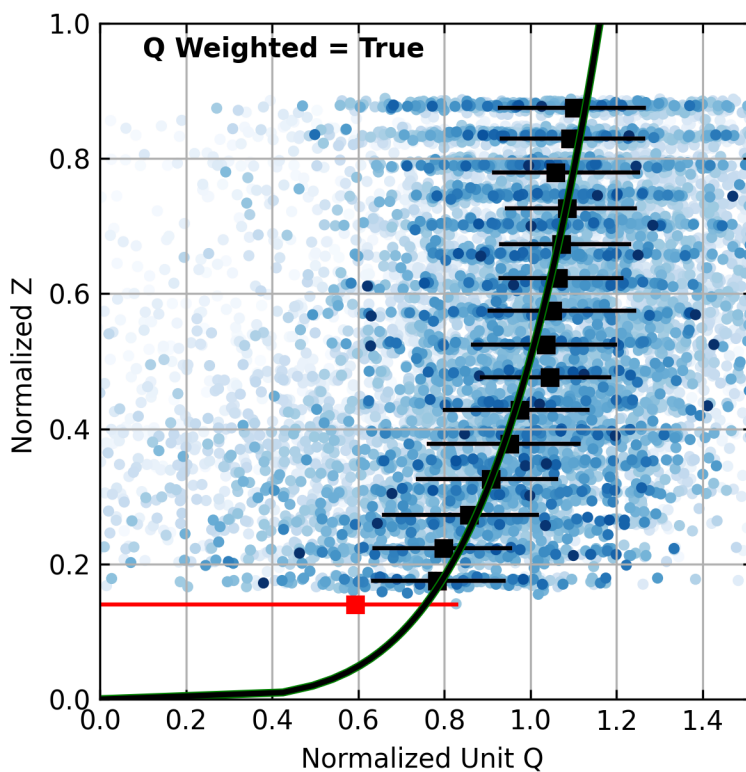
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