



QRev Discharge Measurement Report

1 of 4

Station Name: 08202025_S2Krumbo

Station Number:

Measurement Date: 2025.08.20

Measurement Number: 0

Discharge: 64.88

Stage: 0.00

User Rating: Not Rated

Processed: 2025.08.21 12:43:44

Field Crew:		Discharge Summary		Cross Section															
Processed By:	ADCPH	Discharge (ft3/s):	64.88	Mean Velocity (ft/s):	1.012														
Software:	QRev	Navigation Ref.:	bt_vel	Max. Velocity (ft/s):	2.433														
Version:	4.37	Total Duration (s):	780.5	Mean Depth (ft):	2.575														
ADCP		Start Time:	09:33:55	Max. Depth (ft):	3.406														
Manufacturer:	TRDI	End Time:	09:44:24	Width (ft):	24.916														
Model:	StreamPro	Stage Start:	0.00	Width COV (%):	0.94														
Serial Number:	2673	Stage End:	0.00	Area (ft2):	64.143														
Firmware:	31.19	Mean Stage:	0.00	Area COV (%):	1.18														
Frequency (kHz):	2000	Mean Boat Speed (ft/s):	0.121	Uncertainty															
Premeasurement		Top Extrap:	Power	Uncertainty Method: QRev															
W. Temp. (C):	16.138889	Bottom Extrap:	Power	95% Total Uncertainty: 7.2 <table><caption>Uncertainty Data</caption><thead><tr><th>Component</th><th>Percent of Total</th></tr></thead><tbody><tr><td>COV</td><td>72</td></tr><tr><td>Systematic</td><td>18</td></tr><tr><td>Edges</td><td>2</td></tr><tr><td>Moving-bed</td><td>2</td></tr><tr><td>Extrap.</td><td>2</td></tr><tr><td>Invalid</td><td>2</td></tr></tbody></table>		Component	Percent of Total	COV	72	Systematic	18	Edges	2	Moving-bed	2	Extrap.	2	Invalid	2
Component	Percent of Total																		
COV	72																		
Systematic	18																		
Edges	2																		
Moving-bed	2																		
Extrap.	2																		
Invalid	2																		
W. Temp. ADCP (C):		Extrap Exponent:	0.2469																
System Test:	Passed	Discharg COV (%):	3.92																
Compass Cal/Eval:	0.14	Top Q (%):	14.67																
Magnetic Variaton:	13.5	Measured Q (%):	68.96																
MovBed Test Type:	Loop	Left Q (%):	3.01																
MovBed Test Quality:	Good	Right Q (%):	0.68																
MovBed Test Dur.(s):	210.8	Bottom Q (%):	12.68																
Max MovBed (%):	0.18	Invalid Cells Q (%):	-0.00																
Q Correction (%):	0.00	Invalid Ensembles Q (%):	0.49																

Automated QA Messages:

WARNINGS

Cautions

- Site Info: Station number not entered;

Comments:

- MMT Remarks:
- [Main, 2025-08-21 12:40:29, ADCPH]: There is no station number for this location. The transect was cleaned of large sticks and veg debris prior to measurement. During measurement, the right edge still has some slow water that is somewhat problematic for boat movement. However, did not cause major issues. Measurement conditions were sunny, and cool to warm temperatures that ranged from mid-60s F to low 70s F.
- [2025-08-21 12:43:29, ADCPH]: File Saved Q = 64.88 ft3/s (Uncertainty: 7.2%)

ID File Name

0 08202025_S2Krumbo_0_000_25-08-20.PD0



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2 of 4

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Stage: 0.00

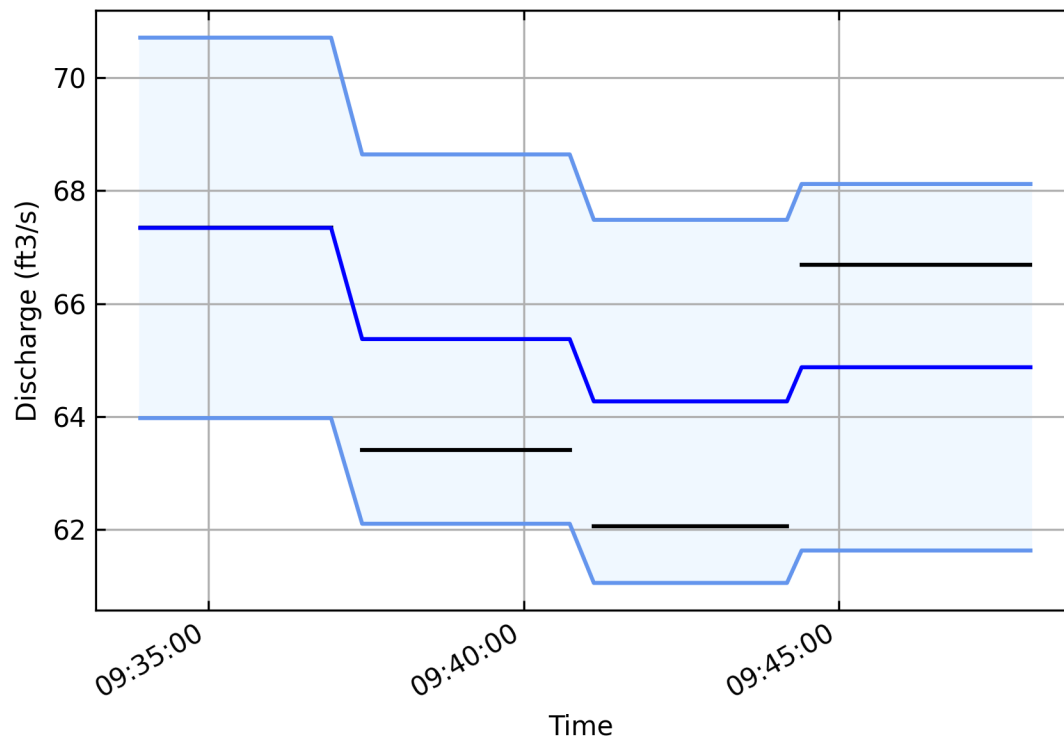
User Rating: Not Rated

Processed: 2025.08.21 12:43:44

ID	File Name
1	08202025_S2Krumbo_0_001_25-08-20.PD0
2	08202025_S2Krumbo_0_002_25-08-20.PD0
3	08202025_S2Krumbo_0_003_25-08-20.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	09:33:55	09:36:56	181.6	9.78	45.93	8.58	2.58	0.48	67.34
1	Right	09:37:26	09:40:43	197.5	9.3	44.46	7.86	1.6	0.17	63.41
2	Left	09:41:06	09:44:10	183.8	9.03	42.95	7.73	1.82	0.53	62.07
3	Right	09:44:24	09:48:02	217.7	9.96	45.61	8.73	1.8	0.58	66.69
				780.5	9.52	44.74	8.23	1.95	0.44	64.88

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	3.00	10	0.3535	Triangular	2.00	10	0.3535
1	Right	Triangular	3.00	10	0.3535	Triangular	2.00	10	0.3535
2	Left	Triangular	3.00	10	0.3535	Triangular	2.00	10	0.3535
3	Right	Triangular	3.00	10	0.3535	Triangular	2.00	10	0.3535





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3 of 4

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Measurement Date: 2025.08.20

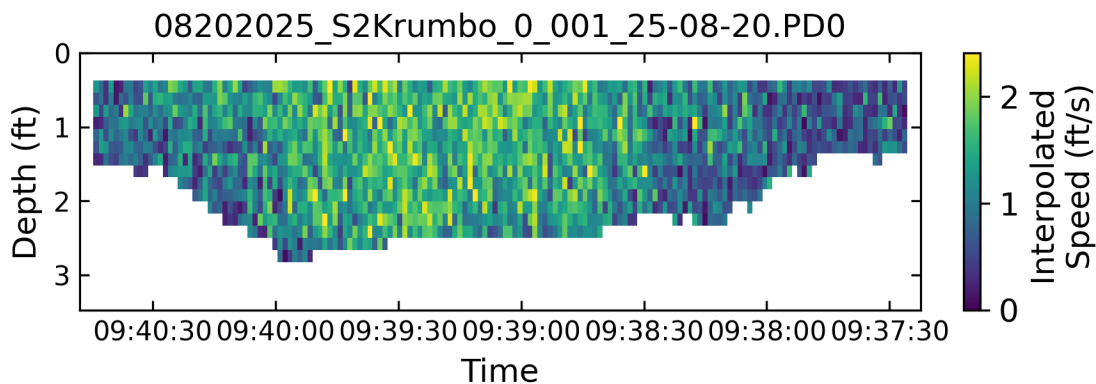
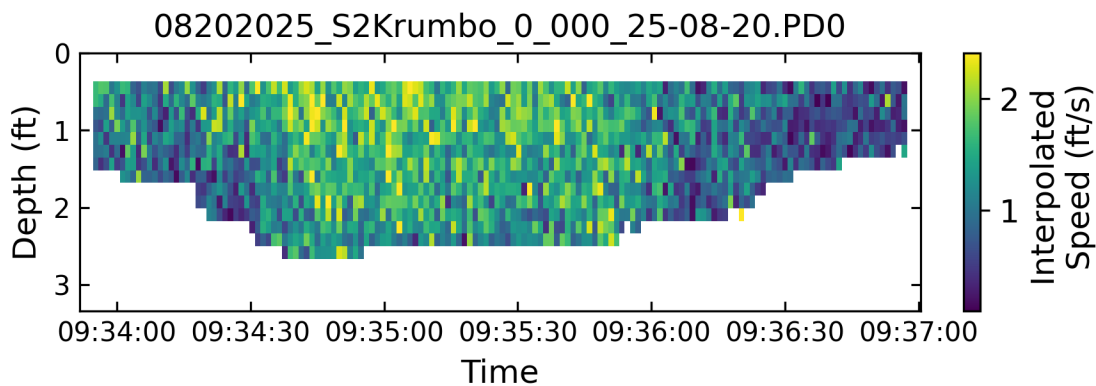
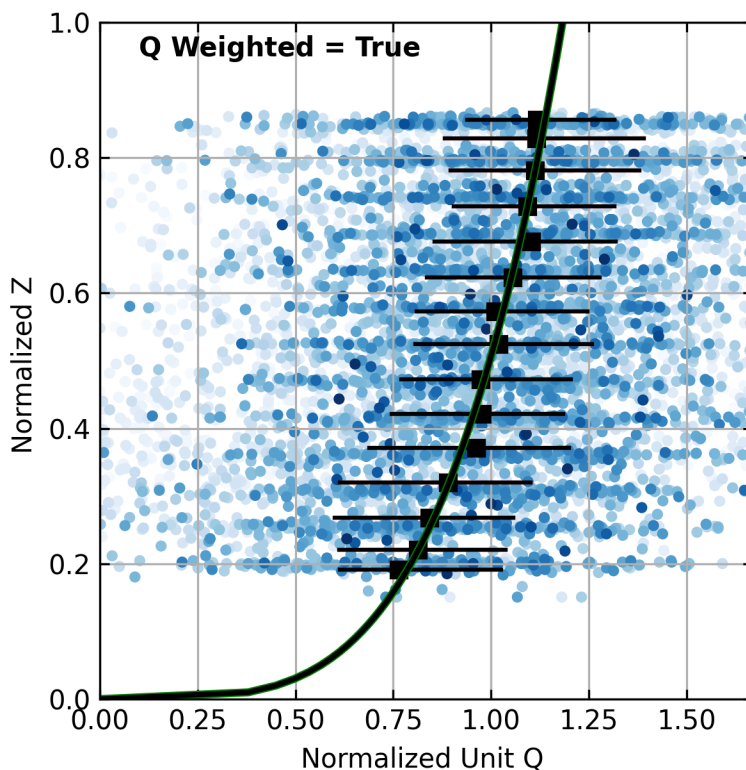
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