



QRev Discharge Measurement Report

1 of 4

Station Name: 08052025_S2Krumbo

Station Number:

Measurement Date: 2025.08.05

Measurement Number: 0

Discharge: 66.84

Stage: 0.00

User Rating: Not Rated

Processed: 2025.08.07 10:20:33

Field Crew:		Discharge Summary		Cross Section															
Processed By:	ADCPH	Discharge (ft3/s):	66.84	Mean Velocity (ft/s):	1.047														
Software:	QRev	Navigation Ref.:	bt_vel	Max. Velocity (ft/s):	2.661														
Version:	4.37	Total Duration (s):	841.5	Mean Depth (ft):	2.746														
ADCP		Start Time:	10:20:21	Max. Depth (ft):	3.415														
Manufacturer:	TRDI	End Time:	10:42:39	Width (ft):	23.240														
Model:	StreamPro	Stage Start:	0.00	Width COV (%):	1.40														
Serial Number:	2673	Stage End:	0.00	Area (ft2):	63.819														
Firmware:	31.19	Mean Stage:	0.00	Area COV (%):	1.78														
Frequency (kHz):	2000	Mean Boat Speed (ft/s):	0.116	Uncertainty															
Premeasurement		Top Extrap:	Power	Uncertainty Method: QRev															
W. Temp. (C):	16.577778	Bottom Extrap:	Power	95% Total Uncertainty: 5.8 <table><tr><th>Component</th><th>Percent of Total</th></tr><tr><td>COV</td><td>65</td></tr><tr><td>Systematic</td><td>25</td></tr><tr><td>Moving-bed</td><td>5</td></tr><tr><td>Edges</td><td>5</td></tr><tr><td>Extrap.</td><td>5</td></tr><tr><td>Invalid</td><td>5</td></tr></table>		Component	Percent of Total	COV	65	Systematic	25	Moving-bed	5	Edges	5	Extrap.	5	Invalid	5
Component	Percent of Total																		
COV	65																		
Systematic	25																		
Moving-bed	5																		
Edges	5																		
Extrap.	5																		
Invalid	5																		
W. Temp. ADCP (C):		Extrap Exponent:	0.2683																
System Test:	Passed	Discharg COV (%):	2.95																
Compass Cal/Eval:	0.44	Top Q (%):	15.23																
Magnetic Variaton:	13.5	Measured Q (%):	69.37																
MovBed Test Type:	Loop	Left Q (%):	2.87																
MovBed Test Quality:	Good	Right Q (%):	0.34																
MovBed Test Dur.(s):	244.0	Bottom Q (%):	12.19																
Max MovBed (%):	0.38	Invalid Cells Q (%):	0.17																
Q Correction (%):	0.00	Invalid Ensembles Q (%):	0.90																

Automated QA Messages:

WARNINGS

Cautions

- Site Info: Station number not entered;

Comments:

- MMT Remarks:
- [Main, 2025-08-07 10:17:58, ADCPH]: No station number for this site. Measurement conditions were sunny and warm, air temperature in the low to mid 70s (F). No WT equilibration issues between independent and ADCP. Right side of transect slow water still causing some unwanted boat movement, but not causing significant problems.
- [2025-08-07 10:20:26, ADCPH]: File Saved Q = 66.84 ft3/s (Uncertainty: 5.8%)

ID File Name

0 08052025_S2Krumbo_0_000_25-08-05.PDO

1 08052025_S2Krumbo_0_001_25-08-05.PDO



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2 of 4

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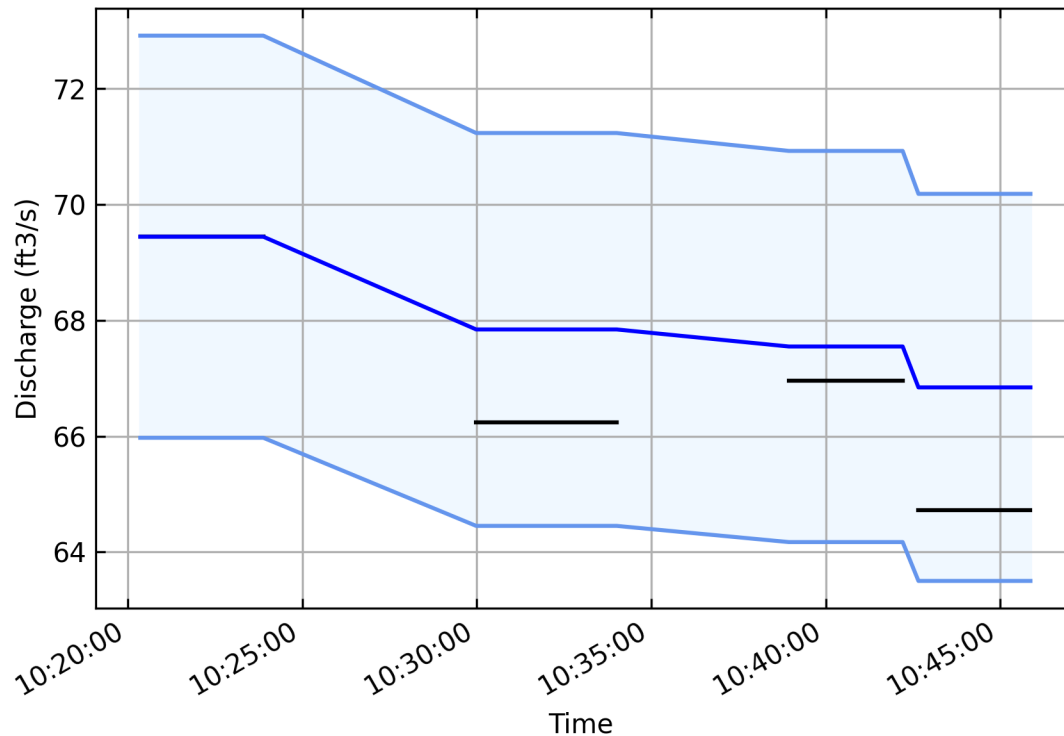
User Rating: Not Rated

Processed: 2025.08.07 10:20:33

ID	File Name
2	08052025_S2Krumbo_0_004_25-08-05.PD0
3	08052025_S2Krumbo_0_005_25-08-05.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	10:20:21	10:23:52	211.6	10.56	48.06	8.51	1.98	0.34	69.45
1	Right	10:29:58	10:34:00	241.6	10.07	46.16	7.97	1.85	0.2	66.24
2	Left	10:38:56	10:42:12	195.7	10.18	46.72	7.95	1.81	0.29	66.96
3	Right	10:42:39	10:45:52	192.6	9.91	44.53	8.17	2.02	0.09	64.72
				841.5	10.18	46.37	8.15	1.92	0.23	66.84

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	2.50	10	0.3535	Triangular	1.00	10	0.3535
1	Right	Triangular	2.50	10	0.3535	Triangular	1.00	10	0.3535
2	Left	Triangular	2.50	10	0.3535	Triangular	1.00	10	0.3535
3	Right	Triangular	2.50	10	0.3535	Triangular	1.00	10	0.3535





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3 of 4

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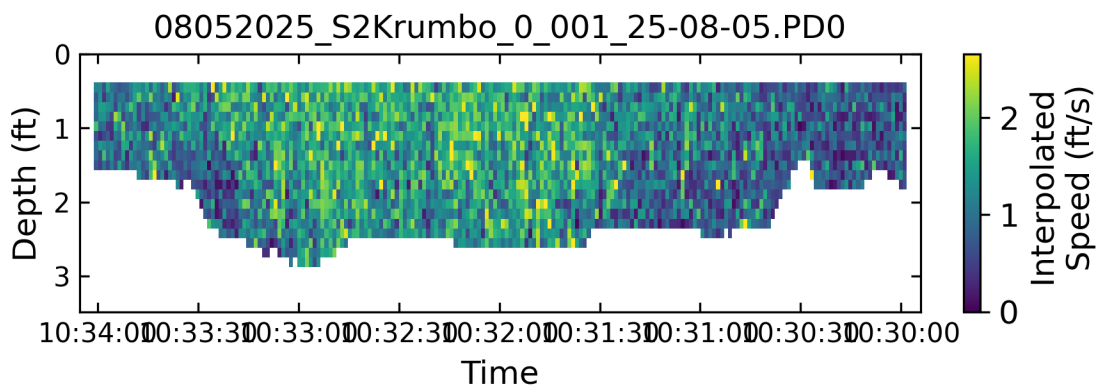
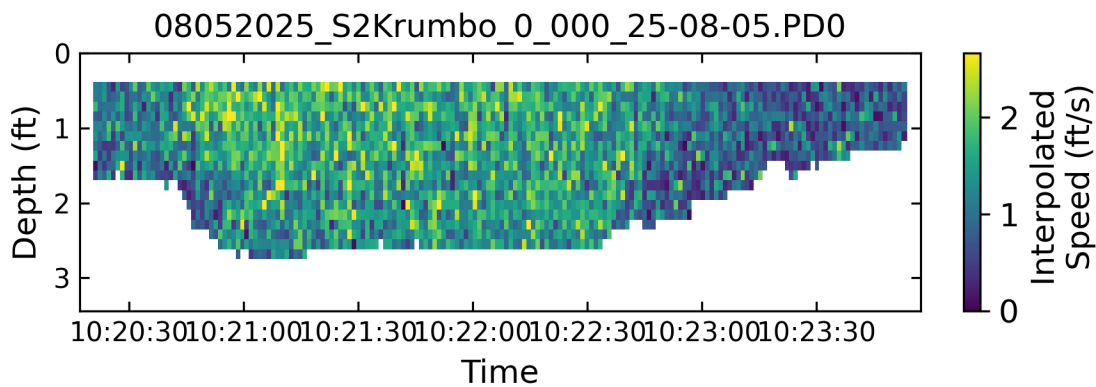
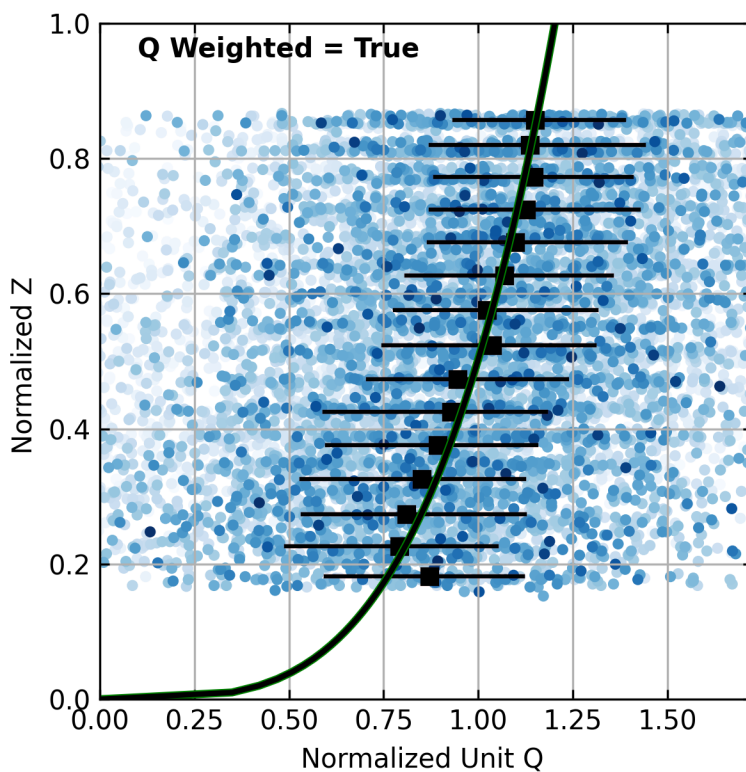
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