



QRev Discharge Measurement Report

1 of 4

Station Name: 09092025_S2Krumbo

Station Number:

Measurement Date: 2025.09.09

Measurement Number: 0

Discharge: 61.23

Stage: 0.00

User Rating: Not Rated

Processed: 2025.09.18 11:19:03

Field Crew:		Discharge Summary		Cross Section															
Processed By:	ADCPH	Discharge (ft3/s):	61.23	Mean Velocity (ft/s):	1.075														
Software:	QRev	Navigation Ref.:	bt_vel	Max. Velocity (ft/s):	2.523														
Version:	4.37	Total Duration (s):	851.6	Mean Depth (ft):	2.387														
ADCP		Start Time:	10:52:03	Max. Depth (ft):	3.178														
Manufacturer:	TRDI	End Time:	11:04:19	Width (ft):	23.866														
Model:	StreamPro	Stage Start:	0.00	Width COV (%):	0.76														
Serial Number:	2673	Stage End:	0.00	Area (ft2):	56.977														
Firmware:	31.19	Mean Stage:	0.00	Area COV (%):	0.82														
Frequency (kHz):	2000	Mean Boat Speed (ft/s):	0.112	Uncertainty															
Premeasurement		Top Extrap:	Constant	Uncertainty Method: QRev															
W. Temp. (C):	14.85	Bottom Extrap:	No Slip	95% Total Uncertainty: 4.6 <table><tr><th>Component</th><th>Percent of Total</th></tr><tr><td>COV</td><td>4.6</td></tr><tr><td>Systematic</td><td>4.1</td></tr><tr><td>Moving-bed</td><td>1.2</td></tr><tr><td>Edges</td><td>1.0</td></tr><tr><td>Extrap.</td><td>0.8</td></tr><tr><td>Invalid</td><td>0.2</td></tr></table>		Component	Percent of Total	COV	4.6	Systematic	4.1	Moving-bed	1.2	Edges	1.0	Extrap.	0.8	Invalid	0.2
Component	Percent of Total																		
COV	4.6																		
Systematic	4.1																		
Moving-bed	1.2																		
Edges	1.0																		
Extrap.	0.8																		
Invalid	0.2																		
W. Temp. ADCP (C):		Extrap Exponent:	0.1667																
System Test:	Passed	Discharg COV (%):	1.96																
Compass Cal/Eval:	0.39	Top Q (%):	14.67																
Magnetic Variaton:	13.5	Measured Q (%):	67.71																
MovBed Test Type:	Loop	Left Q (%):	2.03																
MovBed Test Quality:	Good	Right Q (%):	0.97																
MovBed Test Dur.(s):	225.3	Bottom Q (%):	14.62																
Max MovBed (%):	0.18	Invalid Cells Q (%):	0.07																
Q Correction (%):	0.00	Invalid Ensembles Q (%):	1.33																

Automated QA Messages:

WARNINGS

Cautions

- Site Info: Station number not entered;

Comments:

- MMT Remarks:
- [Main, 2025-09-18 11:17:09, ADCPH]: There is no station number for this site. Experienced some inconsistent and transient BT loss along edges, likely small fish disrupting the sensor. No large issues with this. Measurement conditions were sunny and warm (70s F), with some wind.
- [2025-09-18 11:18:57, ADCPH]: File Saved Q = 61.23 ft3/s (Uncertainty: 4.6%)

ID File Name

0 09092025_S2Krumbo_0_000_25-09-09.PD0

1 09092025_S2Krumbo_0_001_25-09-09.PD0



QRev Discharge Measurement Report

2 of 4

Station Name: 09092025_S2Krumbo

Station Number:

Measurement Date: 2025.09.09

Measurement Number: 0

Discharge: 61.23

Stage: 0.00

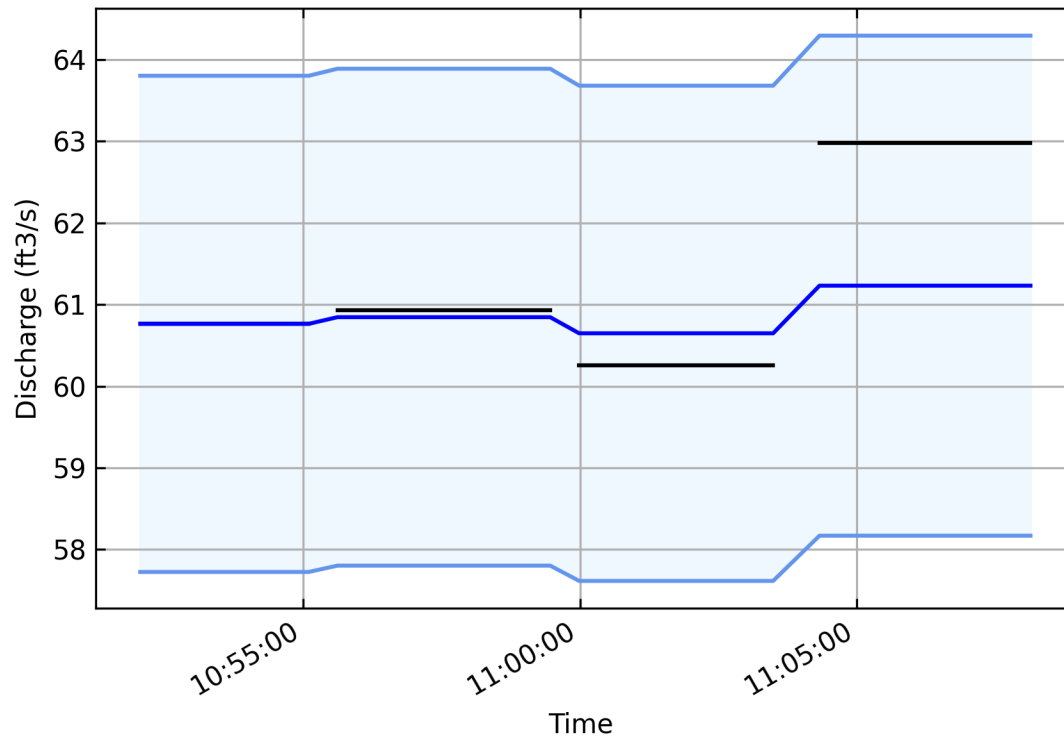
User Rating: Not Rated

Processed: 2025.09.18 11:19:03

ID	File Name
2	09092025_S2Krumbo_0_002_25-09-09.PD0
3	09092025_S2Krumbo_0_003_25-09-09.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	10:52:03	10:55:05	182.4	8.9	40.45	9.58	1.39	0.44	60.76
1	Right	10:55:37	10:59:27	230.5	8.93	42.1	8.22	1.07	0.6	60.93
2	Left	10:59:58	11:03:29	210.1	9.13	41.34	7.8	1.24	0.74	60.25
3	Right	11:04:19	11:08:07	228.6	8.96	41.96	10.19	1.27	0.6	62.98
				851.6	8.98	41.46	8.95	1.24	0.6	61.23

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	2.00	10	0.3535
1	Right	Triangular	2.50	10	0.3535	Triangular	2.00	10	0.3535
2	Left	Triangular	2.50	10	0.3535	Triangular	2.00	10	0.3535
3	Right	Triangular	2.50	10	0.3535	Triangular	2.00	10	0.3535





QRev Discharge Measurement Report

3 of 4

Station Name: 09092025_S2Krumbo

Station Number:

Measurement Date: 2025.09.09

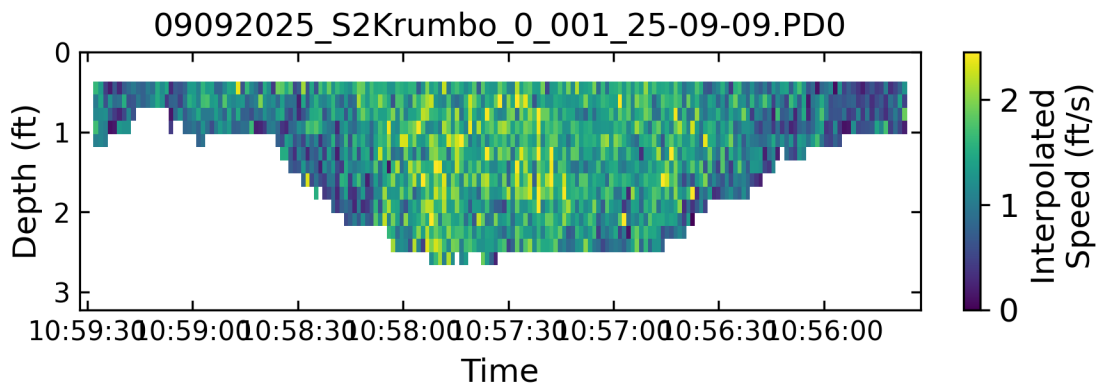
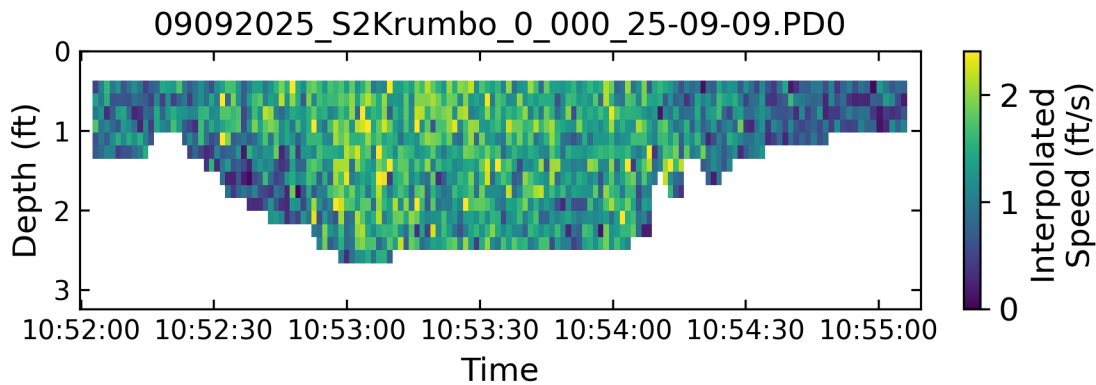
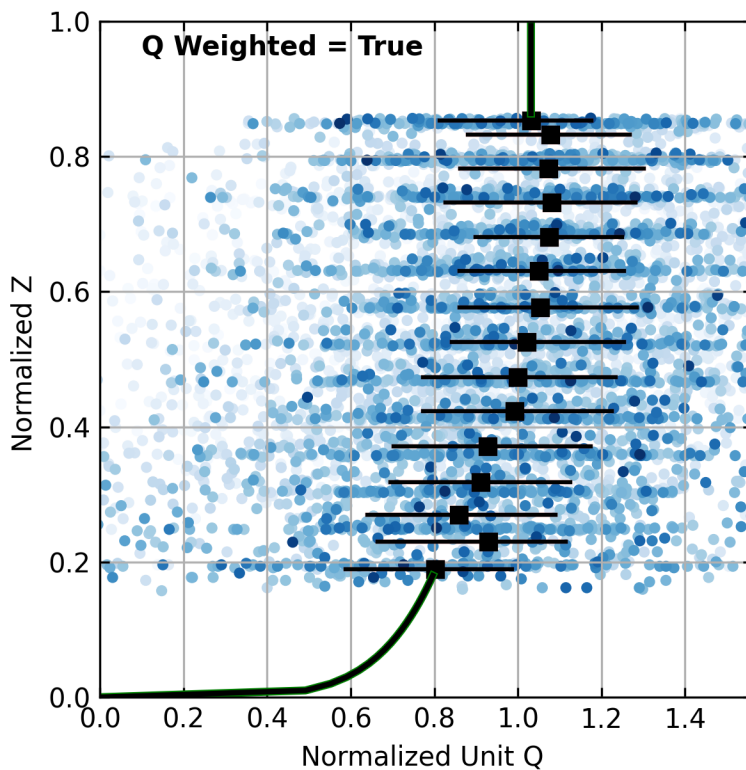
Measurement Number: 0

Discharge: 61.23

Stage: 0.00

User Rating: Not Rated

Processed: 2025.09.18 11:19:03





QRev Discharge Measurement Report

4 of 4

Station Name: 09092025_S2Krumbo

Station Number:

Measurement Date: 2025.09.09

Measurement Number: 0

Discharge: 61.23

Stage: 0.00

User Rating: Not Rated

Processed: 2025.09.18 11:19:03

