



QRev Discharge Measurement Report

1 of 5

Station Name: 06202025_S2Krumbo

Station Number:

Measurement Date: 2025.06.20

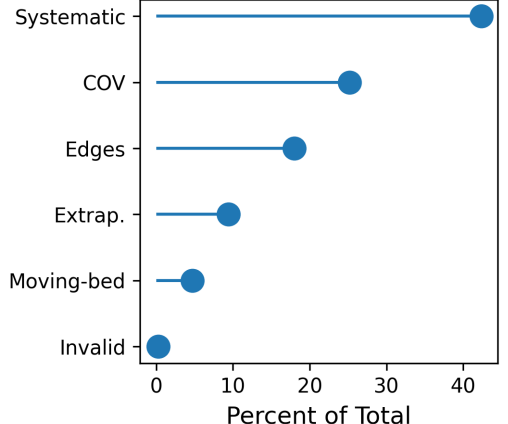
Measurement Number: 0

Discharge: 214.44

Stage: 0.00

User Rating: Not Rated

Processed: 2025.06.22 11:59:46

Field Crew:		Discharge Summary		Cross Section	
Processed By:	ADCPH	Discharge (ft3/s):	214.44	Mean Velocity (ft/s):	2.082
Software:	QRev	Navigation Ref.:	bt_vel	Max. Velocity (ft/s):	3.624
Version:	4.37	Total Duration (s):	1041.2	Mean Depth (ft):	3.584
ADCP		Start Time:	09:06:40	Max. Depth (ft):	4.798
Manufacturer:	TRDI	End Time:	09:23:34	Width (ft):	28.746
Model:	StreamPro	Stage Start:	0.00	Width COV (%):	1.55
Serial Number:	2673	Stage End:	0.00	Area (ft2):	103.035
Firmware:	31.19	Mean Stage:	0.00	Area COV (%):	2.48
Frequency (kHz):	2000	Mean Boat Speed (ft/s):	0.149	Uncertainty	
Premeasurement		Top Extrap:	Constant	Uncertainty Method: QRev	
W. Temp. (C):	14.4	Bottom Extrap:	No Slip	95% Total Uncertainty: 4.6 	
W. Temp. ADCP (C):		Extrap Exponent:	0.2629		
System Test:	Passed	Discharg COV (%):	2.21		
Compass Cal/Eval:	0.58	Top Q (%):	9.47		
Magnetic Variaton:	13.5	Measured Q (%):	73.03		
MovBed Test Type:	Loop	Left Q (%):	3.82		
MovBed Test Quality:	Good	Right Q (%):	2.70		
MovBed Test Dur.(s):	192.6	Bottom Q (%):	10.98		
Max MovBed (%):	0.12	Invalid Cells Q (%):	0.06		
Q Correction (%):	0.00	Invalid Ensembles Q (%):	1.13		

Automated QA Messages:

WARNINGS

Cautions

- Site Info: Station number not entered;

Comments:

- MMT Remarks:
- [Main, 2025-06-22 11:54:41, ADCPH]: No station number for this site. Water level has dropped 2-3 feet since last visit in first week of June. Drop in water level exposed a 2 foot drop on the left side of bank with Reed Canary Grass growing, and was likely the cause of BT loss in earlier season measurements. Transect was cleaned on both edges of channel. Measurement conditions were cloudy and cool in the 50s (F), no WT issues between independent and ADCP.
- [2025-06-22 11:59:40, ADCPH]: File Saved Q = 214.44 ft3/s (Uncertainty: 4.6%)



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ID	File Name
0	06202025_S2Krumbo_0_000_25-06-20.PD0
1	06202025_S2Krumbo_0_001_25-06-20.PD0
2	06202025_S2Krumbo_0_002_25-06-20.PD0
3	06202025_S2Krumbo_0_003_25-06-20.PD0
4	06202025_S2Krumbo_0_004_25-06-20.PD0
5	06202025_S2Krumbo_0_005_25-06-20.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	09:06:40	09:09:23	163.0	20.27	157.14	22.45	9.03	5.81	214.7
1	Right	09:10:11	09:13:01	169.9	20.4	159.16	22.09	8.68	5.91	216.23
2	Left	09:13:21	09:16:07	165.5	20.58	159.27	24.17	8.21	5.42	217.65
3	Right	09:16:25	09:19:25	179.7	19.87	152.31	21.48	7.76	6.29	207.7
4	Left	09:20:32	09:23:23	170.8	19.94	151.31	25.58	7.93	5.35	210.11
5	Right	09:23:34	09:26:46	192.4	20.84	160.42	25.54	7.54	5.94	220.28
				1041.2	20.32	156.6	23.55	8.19	5.78	214.44

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



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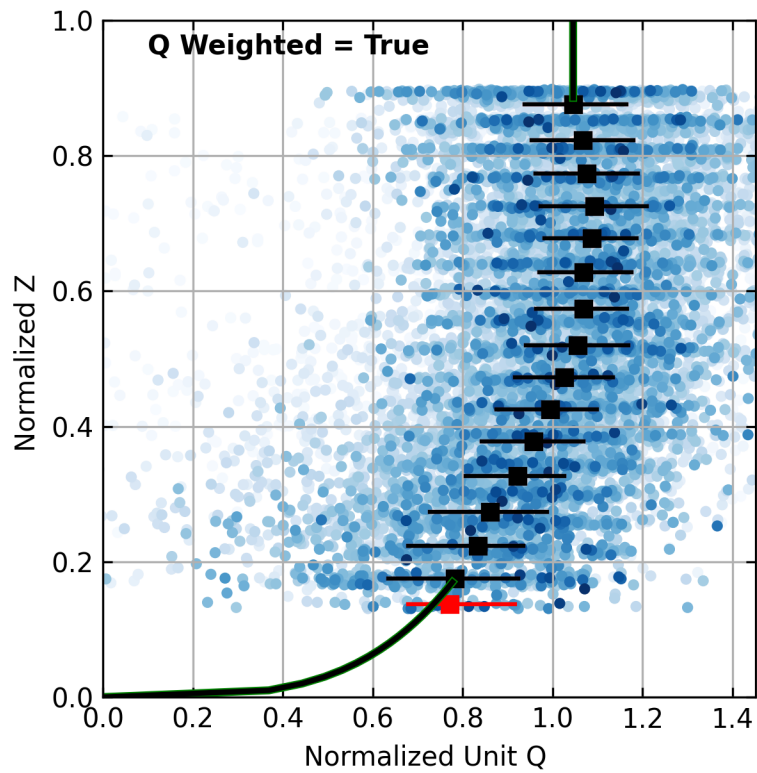
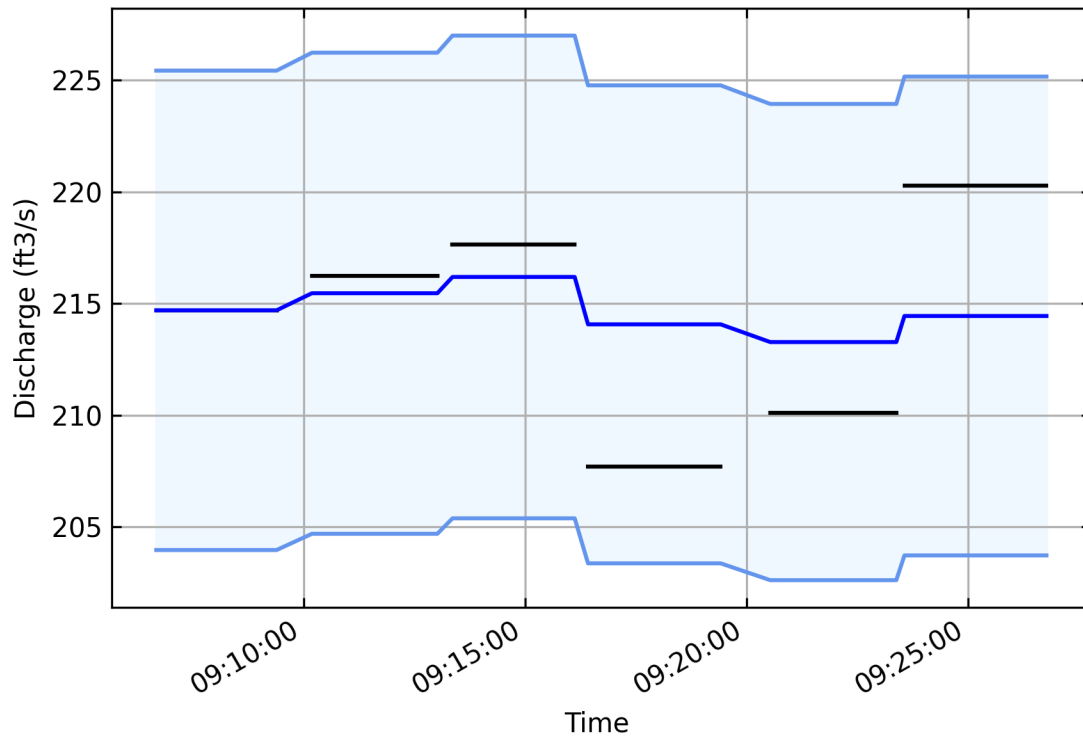
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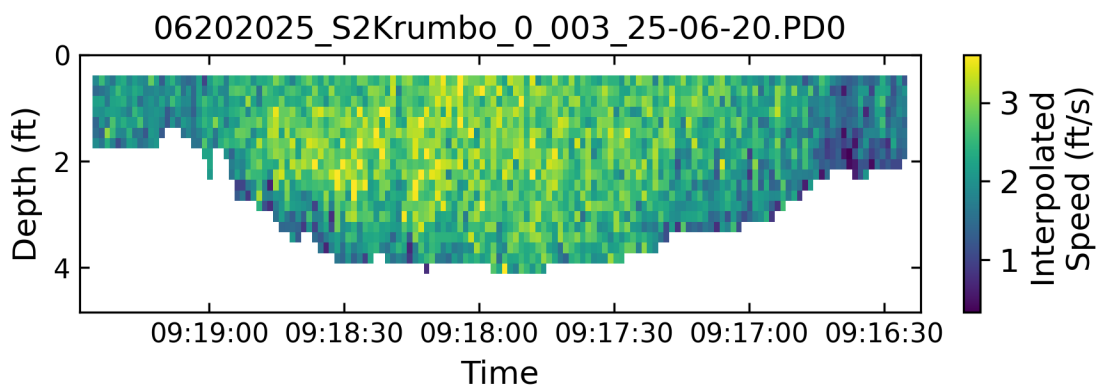
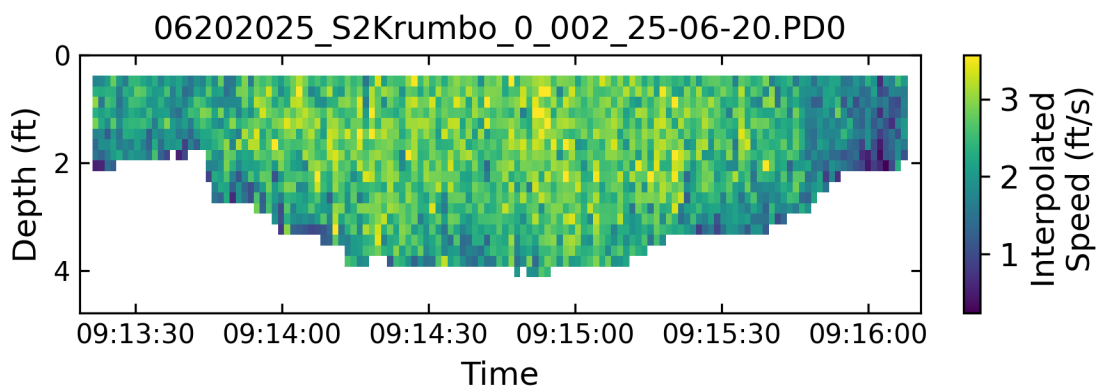
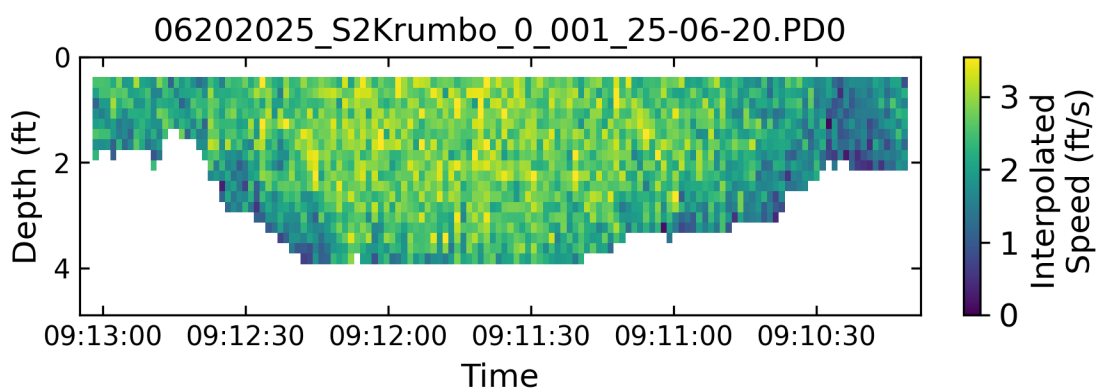
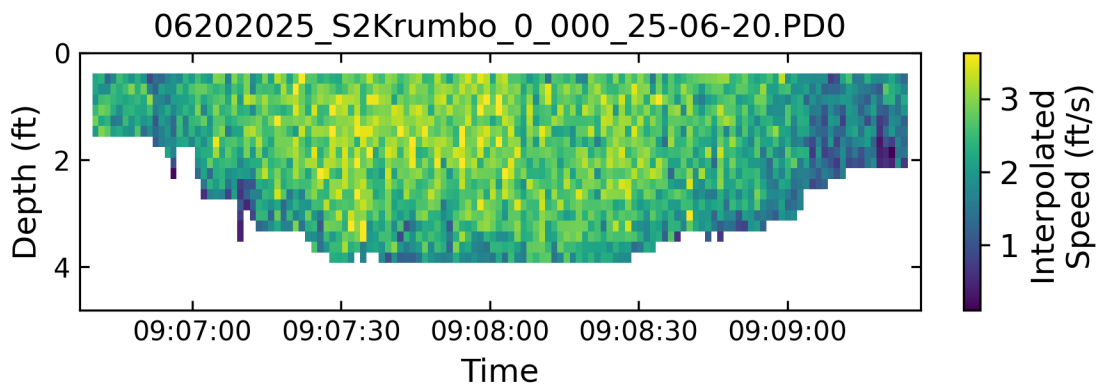
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