



QRev Discharge Measurement Report

1 of 5

Station Name: 07292024_Krumbo

Station Number:

Measurement Date: 2024.07.29

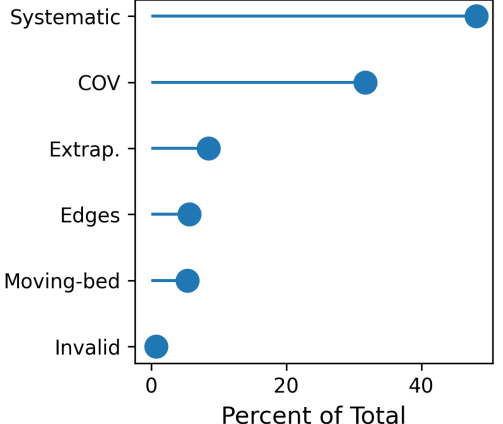
Measurement Number: 0

Discharge: 55.5

Stage: 0.00

User Rating: Not Rated

Processed: 2024.08.08 09:59:20

Field Crew:		Discharge Summary		Cross Section	
Processed By:	sarah	Discharge (ft3/s):	55.5	Mean Velocity (ft/s):	0.844
Software:	QRev	Navigation Ref.:	bt_vel	Max. Velocity (ft/s):	2.358
Version:	4.37	Total Duration (s):	1490.8	Mean Depth (ft):	2.843
ADCP		Start Time:	08:21:12	Max. Depth (ft):	3.783
Manufacturer:	TRDI	End Time:	08:49:34	Width (ft):	23.147
Model:	StreamPro	Stage Start:	0.00	Width COV (%):	2.48
Serial Number:	2673	Stage End:	0.00	Area (ft2):	65.798
Firmware:	31.19	Mean Stage:	0.00	Area COV (%):	2.49
Frequency (kHz):	2000	Mean Boat Speed (ft/s):	0.103	Uncertainty	
Premeasurement		Top Extrap:	Constant	Uncertainty Method: QRev	
W. Temp. (C):	16.322222	Bottom Extrap:	No Slip	95% Total Uncertainty: 4.3 	
W. Temp. ADCP (C):		Extrap Exponent:	0.1667		
System Test:	Passed	Discharg COV (%):	2.32		
Compass Cal/Eval:	0.70	Top Q (%):	13.82		
Magnetic Variaton:	13.5	Measured Q (%):	71.70		
MovBed Test Type:	Loop	Left Q (%):	2.44		
MovBed Test Quality:	Good	Right Q (%):	0.99		
MovBed Test Dur.(s):	350.1	Bottom Q (%):	11.05		
Max MovBed (%):	0.33	Invalid Cells Q (%):	0.29		
Q Correction (%):	0.00	Invalid Ensembles Q (%):	1.54		

Automated QA Messages:

WARNINGS

Cautions

- Edges: Excessive boat movement in edge ensembles;
- Site Info: Station number not entered;

Comments:

- MMT Remarks:
- [Edges, 2024-08-08 09:57:31, sarah]: Standing water on edges created some difficulty in keeping the boat in stationary position.
- [Main, 2024-08-08 09:58:22, sarah]: No station number for this location.
- [Main, 2024-08-08 09:58:33, sarah]: Transects 004 and 005 removed in WinRiver for zero bin issues on edges
- [2024-08-08 09:59:15, sarah]: File Saved Q = 55.50 ft3/s (Uncertainty: 4.3%)



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User Rating: Not Rated

Processed: 2024.08.08 09:59:20

ID	File Name
0	07292024_Krumbo_0_000_24-07-29.PD0
1	07292024_Krumbo_0_001_24-07-29.PD0
2	07292024_Krumbo_0_002_24-07-29.PD0
3	07292024_Krumbo_0_003_24-07-29.PD0
6	07292024_Krumbo_0_006_24-07-29.PD0
7	07292024_Krumbo_0_007_24-07-29.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	08:21:12	08:25:00	228.1	8.12	39.64	5.73	1.12	0.63	55.25
1	Right	08:26:31	08:30:48	256.7	7.13	38.59	5.03	1.52	0.85	53.12
2	Left	08:31:41	08:36:03	261.6	8.18	40.73	5.26	1.12	0.37	55.65
3	Right	08:37:04	08:41:58	294.0	7.76	40.43	6.68	1.38	0.32	56.58
6	Left	08:44:52	08:48:37	224.8	7.84	38.97	7.61	1.49	0.73	56.64
7	Right	08:49:34	08:53:20	225.5	6.99	40.37	6.5	1.48	0.4	55.74
				1490.8	7.67	39.79	6.13	1.35	0.55	55.5

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
6	Left	Triangular	2.50	10	0.3535	Triangular	2.00	10	0.3535
7	Right	Triangular	2.50	10	0.3535	Triangular	2.00	10	0.3535



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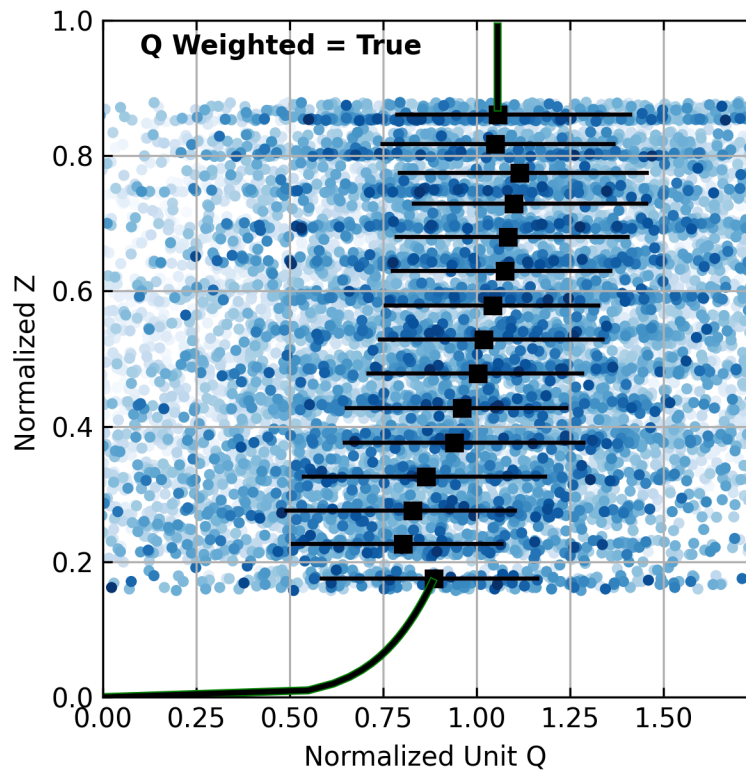
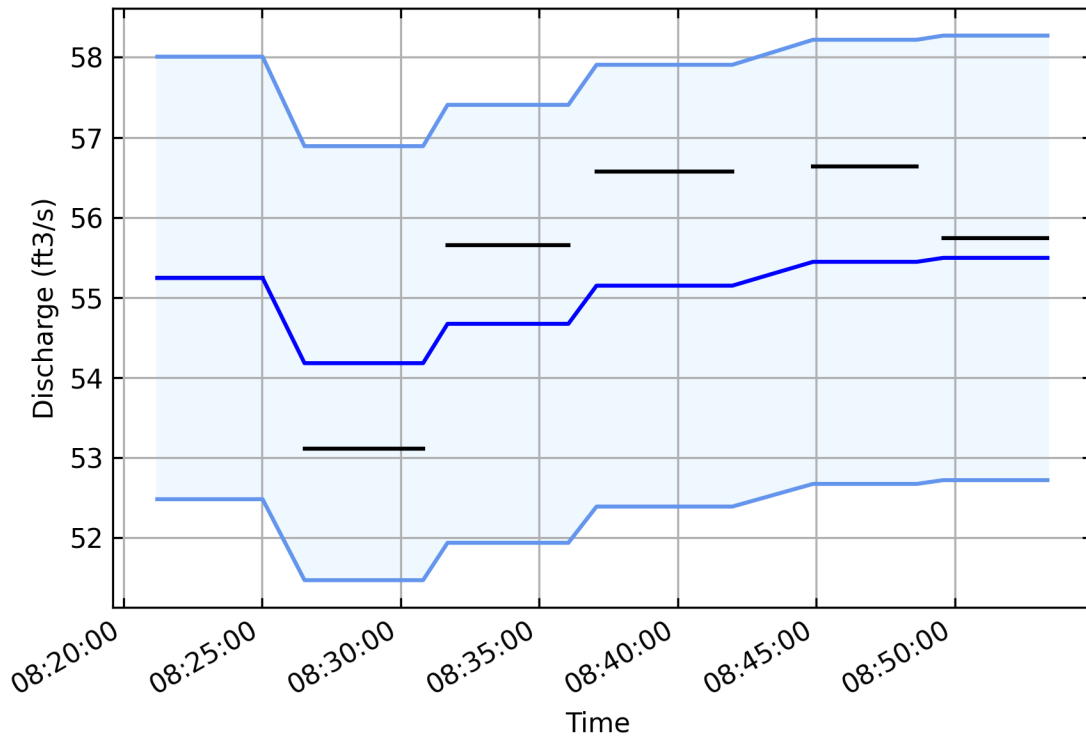
Measurement Number: 0

Discharge: 55.5

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Station Name: 07292024_Krumbo

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Measurement Date: 2024.07.29

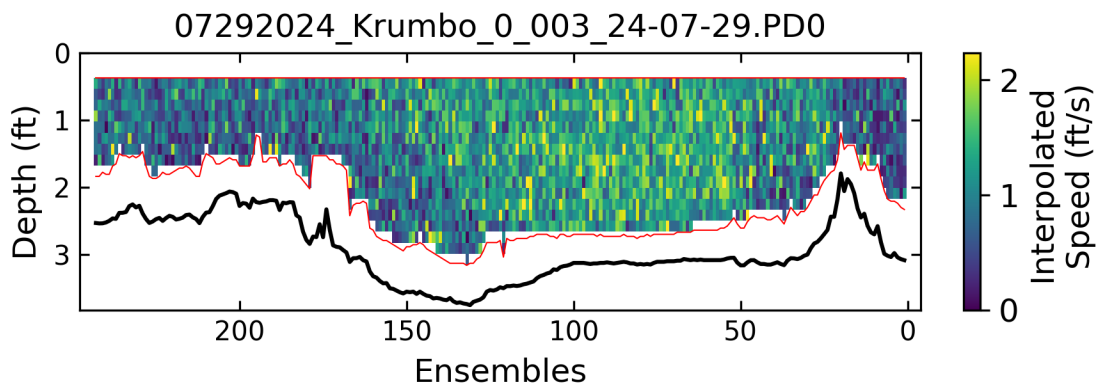
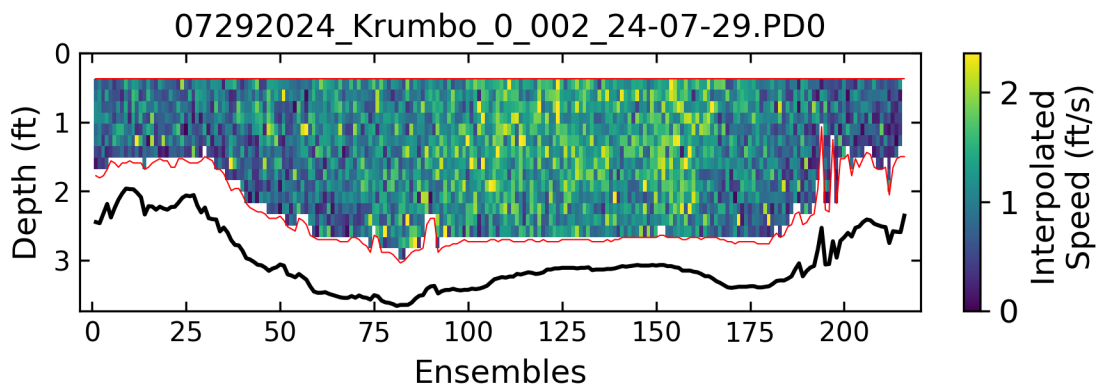
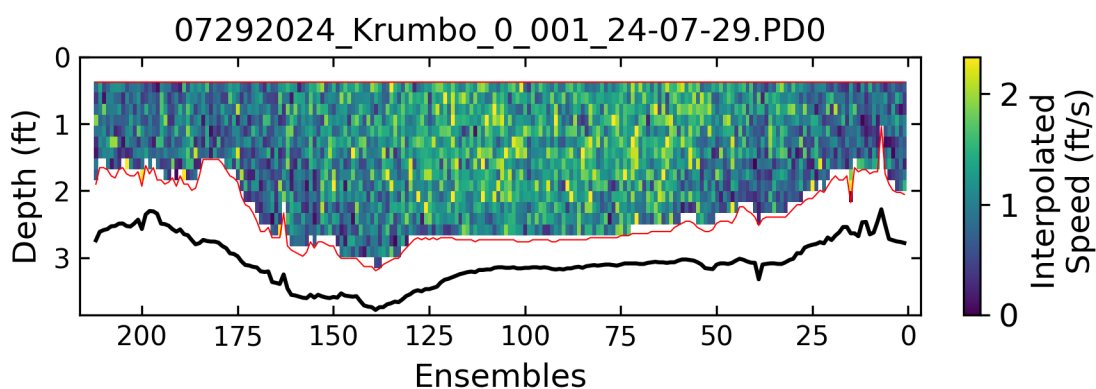
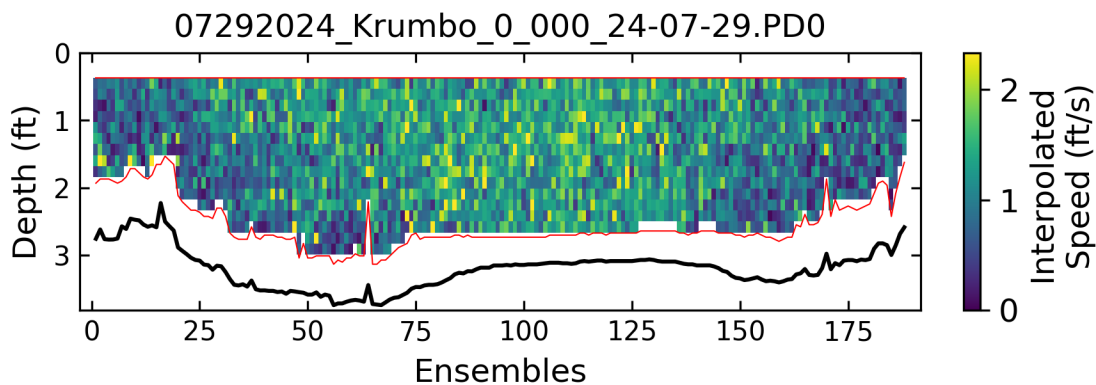
Measurement Number: 0

Discharge: 55.5

Stage: 0.00

User Rating: Not Rated

Processed: 2024.08.08 09:59:21





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Measurement Date: 2024.07.29

Measurement Number: 0

Discharge: 55.5

Stage: 0.00

User Rating: Not Rated

Processed: 2024.08.08 09:59:21

