



QRev Discharge Measurement Report

1 of 5

Station Name: 08152024_Krumbo

Station Number:

Measurement Date: 2024.08.15

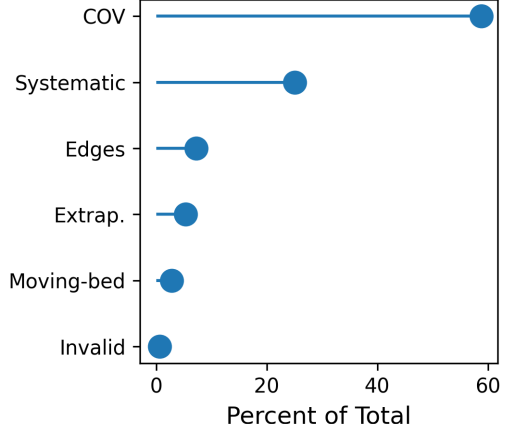
Measurement Number: 0

Discharge: 49.21

Stage: 0.00

User Rating: Not Rated

Processed: 2024.08.18 09:41:47

Field Crew:		Discharge Summary		Cross Section	
Processed By:	sarah	Discharge (ft3/s):	49.21	Mean Velocity (ft/s):	0.784
Software:	QRev	Navigation Ref.:	bt_vel	Max. Velocity (ft/s):	2.498
Version:	4.37	Total Duration (s):	1496.1	Mean Depth (ft):	2.658
ADCP		Start Time:	08:16:19	Max. Depth (ft):	3.908
Manufacturer:	TRDI	End Time:	08:40:27	Width (ft):	23.677
Model:	StreamPro	Stage Start:	0.00	Width COV (%):	2.38
Serial Number:	2673	Stage End:	0.00	Area (ft2):	63.009
Firmware:	31.19	Mean Stage:	0.00	Area COV (%):	8.77
Frequency (kHz):	2000	Mean Boat Speed (ft/s):	0.093	Uncertainty	
Premeasurement		Top Extrap:	Constant	Uncertainty Method: QRev	
W. Temp. (C):	17.077778	Bottom Extrap:	No Slip	95% Total Uncertainty: 6.0 	
W. Temp. ADCP (C):		Extrap Exponent:	0.1667		
System Test:	Passed	Discharg COV (%):	4.38		
Compass Cal/Eval:	0.77	Top Q (%):	13.94		
Magnetic Variaton:	13.5	Measured Q (%):	69.51		
MovBed Test Type:	Loop	Left Q (%):	2.76		
MovBed Test Quality:	Warnings	Right Q (%):	2.62		
MovBed Test Dur.(s):	319.1	Bottom Q (%):	11.17		
Max MovBed (%):	0.40	Invalid Cells Q (%):	0.38		
Q Correction (%):	0.00	Invalid Ensembles Q (%):	2.04		

Automated QA Messages:

WARNINGS

Cautions

- Moving-Bed Test: The moving-bed test(s) has warnings, please review tests to determine validity;
- Site Info: Station number not entered;

Comments:

- MMT Remarks:
- [Main, 2024-08-18 09:33:00, sarah]: Transects 000 and 001 restarted for zero edge issues. No moving bed present. No station number for this site.
- [MovBedTst, 2024-08-18 09:39:58, sarah]: No moving bed present, rocks on left edge causing lost bottom tracking.
- [2024-08-18 09:41:42, sarah]: File Saved Q = 49.21 ft3/s (Uncertainty: 6.0%)



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Measurement Number: 0

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Stage: 0.00

User Rating: Not Rated

Processed: 2024.08.18 09:41:47

ID	File Name
2	08152024_Krumbo_0_002_24-08-15.PD0
3	08152024_Krumbo_0_003_24-08-15.PD0
4	08152024_Krumbo_0_004_24-08-15.PD0
5	08152024_Krumbo_0_005_24-08-15.PD0
6	08152024_Krumbo_0_006_24-08-15.PD0
7	08152024_Krumbo_0_007_24-08-15.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)
2	Left	08:16:19	08:20:28	249.5	6.82	34.98	5.11	1.76	0.67	49.34
3	Right	08:21:22	08:26:23	300.8	7.02	35.69	6.52	1.28	1.42	51.92
4	Left	08:27:39	08:31:33	233.6	6.43	33.84	4.99	1.19	1.2	47.67
5	Right	08:32:16	08:36:11	234.8	7.52	36.46	5.43	1.08	1.14	51.63
6	Left	08:36:23	08:40:05	222.7	6.59	33.02	5.46	1.52	1.34	47.93
7	Right	08:40:27	08:44:42	254.7	6.76	31.25	5.47	1.31	1.97	46.76
				1496.1	6.86	34.21	5.5	1.36	1.29	49.21

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.
2	Left	Triangular	3.00	10	0.3535	Triangular	3.00	10	0.3535
3	Right	Triangular	3.00	10	0.3535	Triangular	3.00	10	0.3535
4	Left	Triangular	3.00	10	0.3535	Triangular	3.00	10	0.3535
5	Right	Triangular	3.00	10	0.3535	Triangular	3.00	10	0.3535
6	Left	Triangular	3.00	10	0.3535	Triangular	3.00	10	0.3535
7	Right	Triangular	3.00	10	0.3535	Triangular	3.00	10	0.3535



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3 of 5

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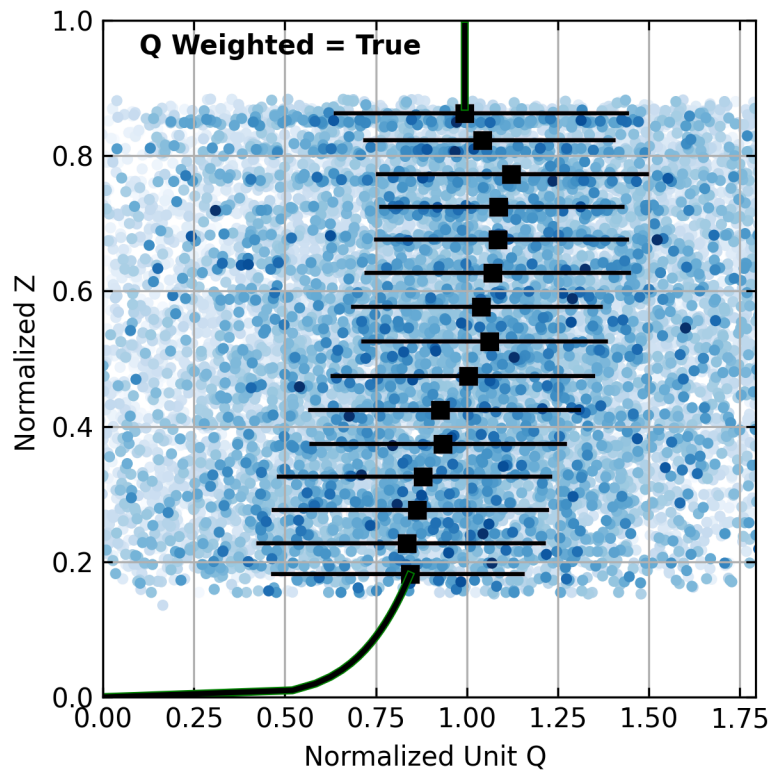
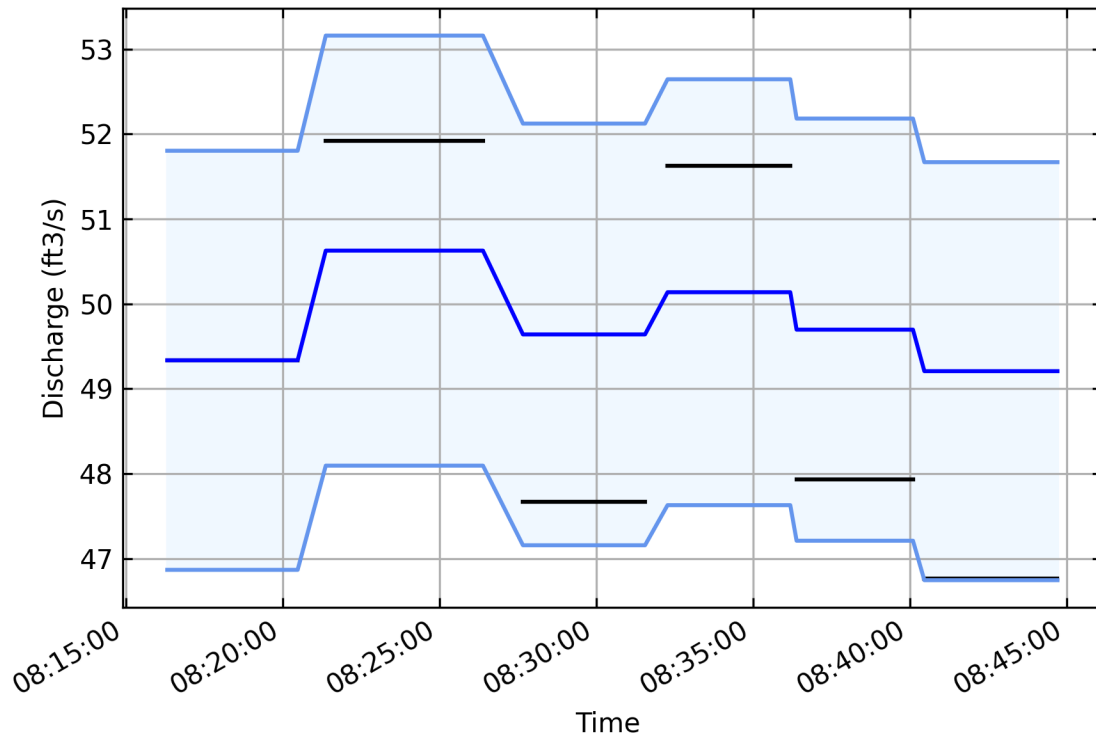
Measurement Number: 0

Discharge: 49.21

Stage: 0.00

User Rating: Not Rated

Processed: 2024.08.18 09:41:47





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Station Name: 08152024_Krumbo

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Measurement Date: 2024.08.15

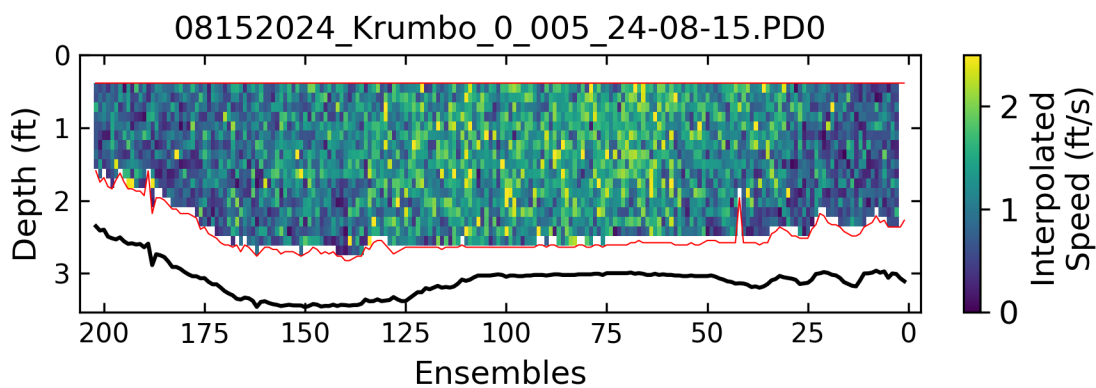
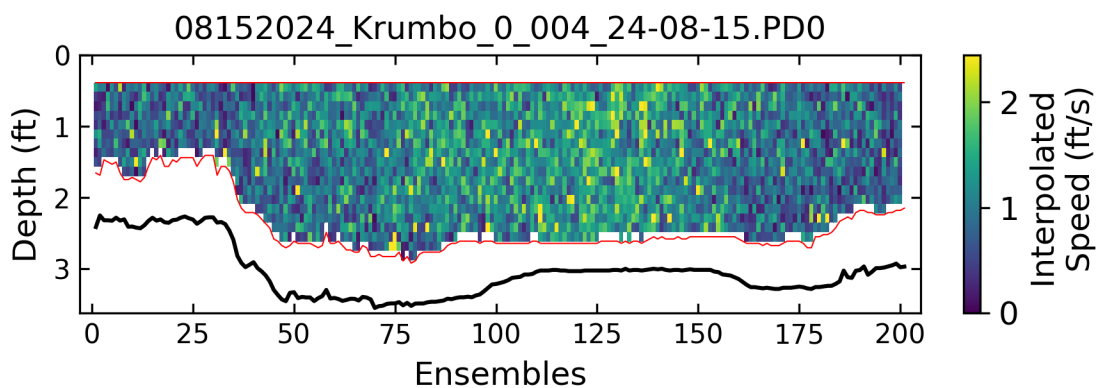
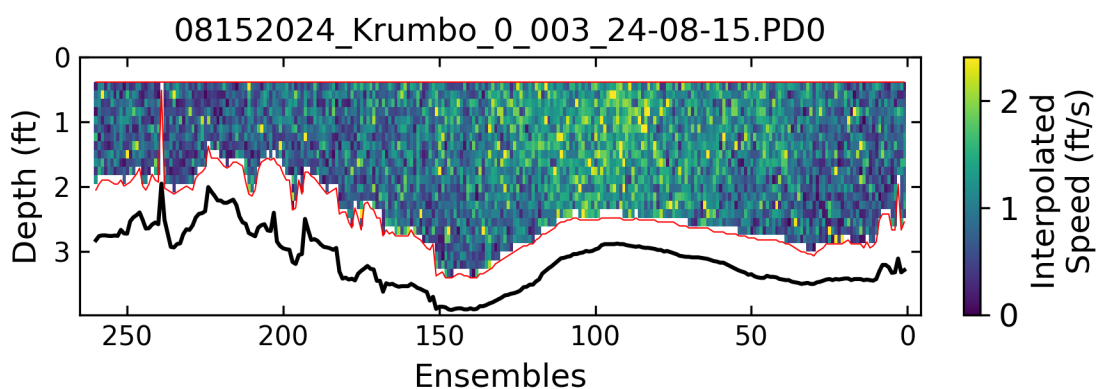
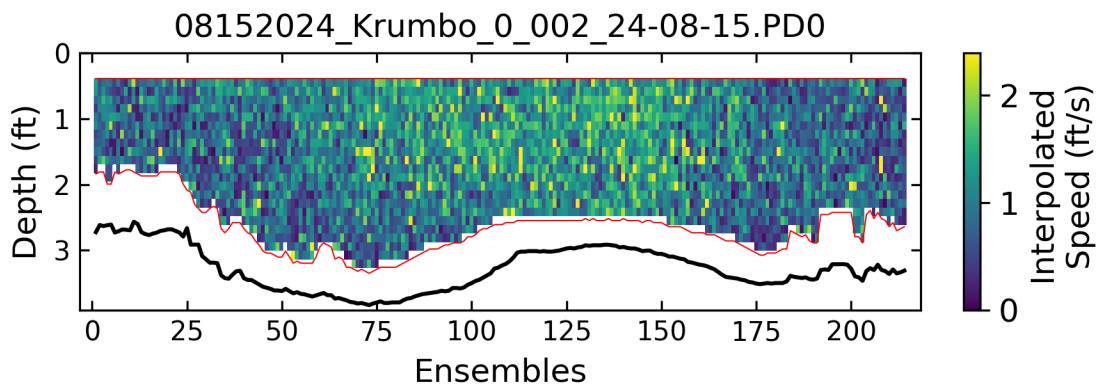
Measurement Number: 0

Discharge: 49.21

Stage: 0.00

User Rating: Not Rated

Processed: 2024.08.18 09:41:48





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Station Number:

Measurement Date: 2024.08.15

Measurement Number: 0

Discharge: 49.21

Stage: 0.00

User Rating: Not Rated

Processed: 2024.08.18 09:41:48

