



QRev Discharge Measurement Report

1 of 4

Station Name: 06282024_Krumbo

Station Number:

Measurement Date: 2024.06.28

Measurement Number: 0

Discharge: 98.91

Stage: 0.00

User Rating: Not Rated

Processed: 2024.08.08 07:57:20

Field Crew:		Discharge Summary		Cross Section															
Processed By:	sarah	Discharge (ft3/s):	98.91	Mean Velocity (ft/s):	1.277														
Software:	QRev	Navigation Ref.:	bt_vel	Max. Velocity (ft/s):	2.840														
Version:	4.37	Total Duration (s):	1001.8	Mean Depth (ft):	3.449														
ADCP		Start Time:	10:30:39	Max. Depth (ft):	4.432														
Manufacturer:	TRDI	End Time:	10:42:59	Width (ft):	22.462														
Model:	StreamPro	Stage Start:	0.00	Width COV (%):	2.49														
Serial Number:	2673	Stage End:	0.00	Area (ft2):	77.464														
Firmware:	31.19	Mean Stage:	0.00	Area COV (%):	2.39														
Frequency (kHz):	2000	Mean Boat Speed (ft/s):	0.117	Uncertainty															
Premeasurement		Top Extrap:	Constant	Uncertainty Method: QRev															
W. Temp. (C):	16.3	Bottom Extrap:	No Slip	95% Total Uncertainty: 5.1 <table><tr><th>Component</th><th>Percent of Total</th></tr><tr><td>COV</td><td>45</td></tr><tr><td>Systematic</td><td>35</td></tr><tr><td>Extrap.</td><td>15</td></tr><tr><td>Moving-bed</td><td>5</td></tr><tr><td>Edges</td><td>5</td></tr><tr><td>Invalid</td><td>5</td></tr></table>		Component	Percent of Total	COV	45	Systematic	35	Extrap.	15	Moving-bed	5	Edges	5	Invalid	5
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COV	45																		
Systematic	35																		
Extrap.	15																		
Moving-bed	5																		
Edges	5																		
Invalid	5																		
W. Temp. ADCP (C):		Extrap Exponent:	0.3798																
System Test:	Passed	Discharg COV (%):	2.18																
Compass Cal/Eval:	0.23	Top Q (%):	11.53																
Magnetic Variaton:	13.5	Measured Q (%):	76.98																
MovBed Test Type:	Loop	Left Q (%):	1.77																
MovBed Test Quality:	Good	Right Q (%):	0.49																
MovBed Test Dur.(s):	243.2	Bottom Q (%):	9.22																
Max MovBed (%):	0.05	Invalid Cells Q (%):	0.06																
Q Correction (%):	0.00	Invalid Ensembles Q (%):	0.64																

Automated QA Messages:

WARNINGS

Cautions

- Site Info: Station number not entered;

Comments:

- MMT Remarks:
- [Main, 2024-08-08 07:56:57, sarah]: No station number for this location.
- [2024-08-08 07:57:16, sarah]: File Saved Q = 98.91 ft3/s (Uncertainty: 5.1%)

ID	File Name
0	06282024_Krumbo_0_000_24-06-28.PD0
1	06282024_Krumbo_0_001_24-06-28.PD0
2	06282024_Krumbo_0_002_24-06-28.PD0



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Station Name: 06282024_Krumbo

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Measurement Number: 0

Discharge: 98.91

Stage: 0.00

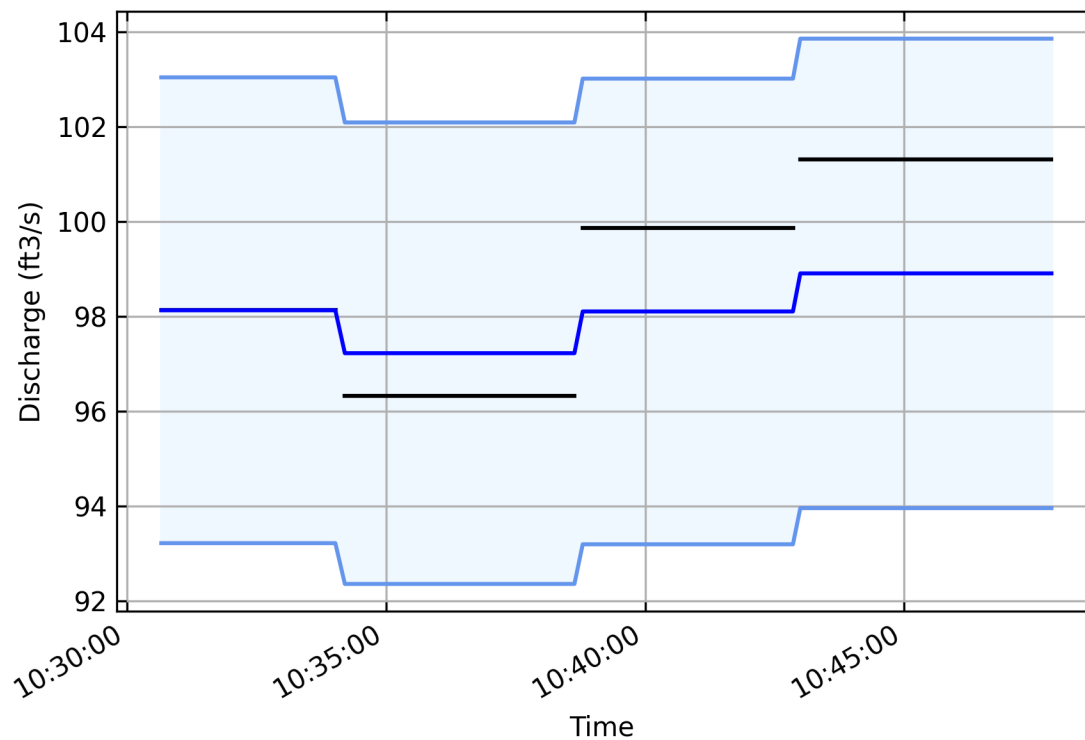
User Rating: Not Rated

Processed: 2024.08.08 07:57:20

ID	File Name
3	06282024_Krumbo_0_003_24-06-28.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	10:30:39	10:34:01	201.6	11.78	76.03	8.1	1.59	0.63	98.13
1	Right	10:34:12	10:38:38	265.9	10.69	75.34	8.0	1.67	0.62	96.32
2	Left	10:38:47	10:42:51	243.5	11.05	76.66	9.75	1.93	0.46	99.86
3	Right	10:42:59	10:47:50	290.8	12.1	76.54	10.62	1.81	0.24	101.31
				1001.8	11.41	76.14	9.12	1.75	0.49	98.91

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	2.00	10	0.3535	Triangular	1.50	10	0.3535
1	Right	Triangular	2.00	10	0.3535	Triangular	1.50	10	0.3535
2	Left	Triangular	2.00	10	0.3535	Triangular	1.50	10	0.3535
3	Right	Triangular	2.00	10	0.3535	Triangular	1.50	10	0.3535





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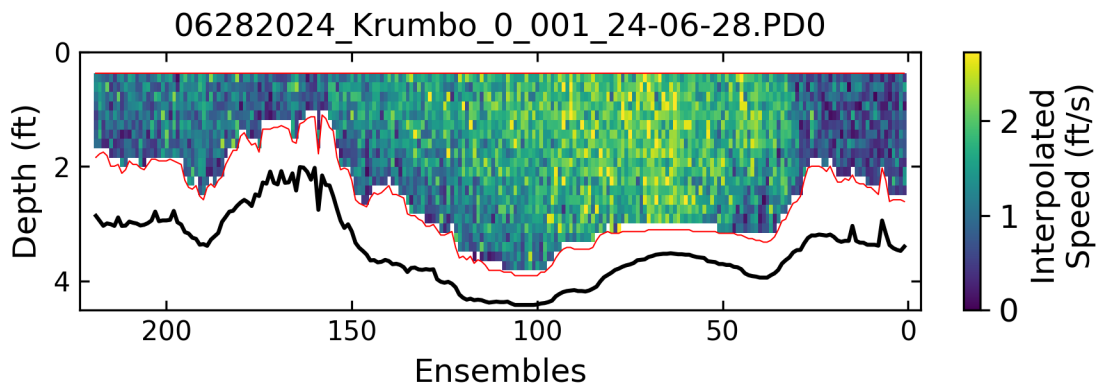
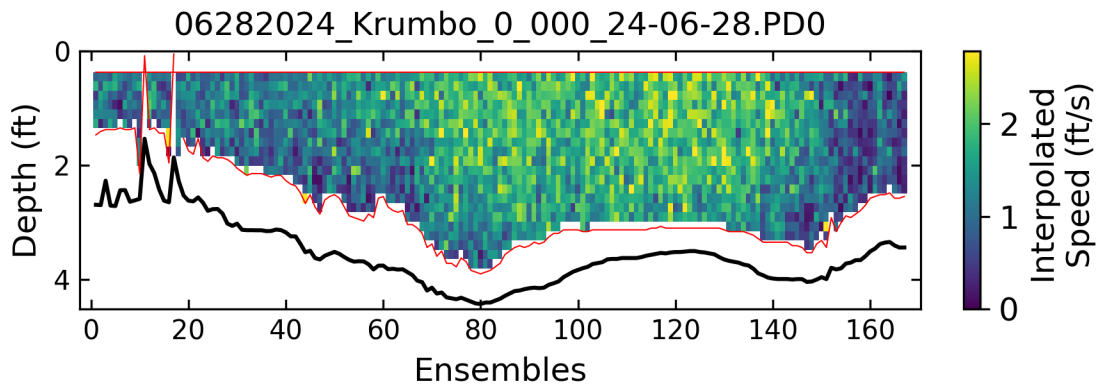
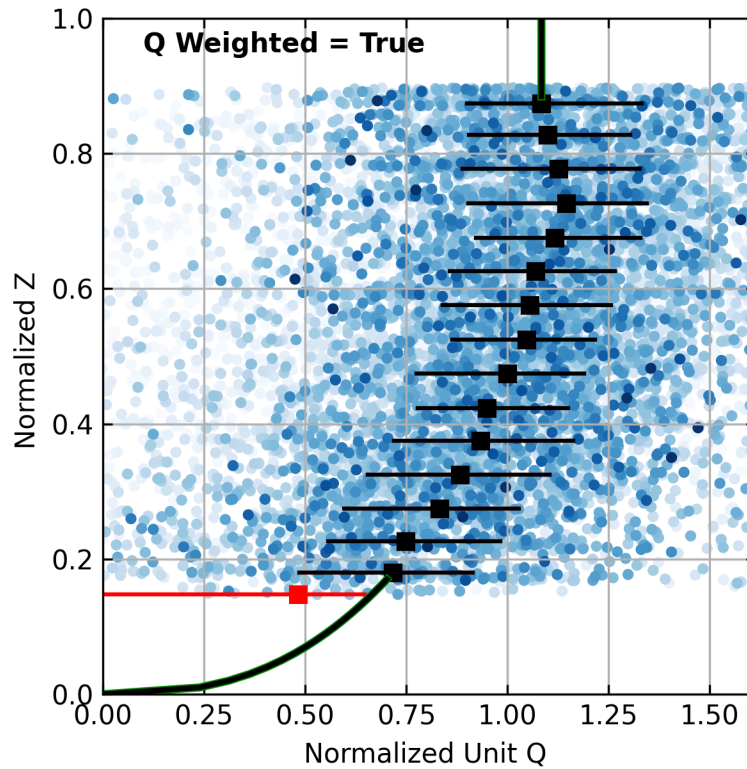
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