



QRev Discharge Measurement Report

1 of 4

Station Name: 06282024_PageSprings

Station Number:

Measurement Date: 2024.06.28

Measurement Number: 0

Discharge: 70.47

Stage: 0.00

User Rating: Not Rated

Processed: 2024.08.08 07:54:46

Field Crew:		Discharge Summary		Cross Section	
Processed By:	sarah	Discharge (ft3/s):	70.47	Mean Velocity (ft/s):	1.532
Software:	QRev	Navigation Ref.:	bt_vel	Max. Velocity (ft/s):	3.584
Version:	4.37	Total Duration (s):	923.7	Mean Depth (ft):	1.044
ADCP		Start Time:	08:41:00	Max. Depth (ft):	1.586
Manufacturer:	TRDI	End Time:	08:53:38	Width (ft):	44.065
Model:	StreamPro	Stage Start:	0.00	Width COV (%):	0.44
Serial Number:	2673	Stage End:	0.00	Area (ft2):	45.993
Firmware:	31.19	Mean Stage:	0.00	Area COV (%):	0.89
Frequency (kHz):	2000	Mean Boat Speed (ft/s):	0.199	Uncertainty	
Premeasurement		Top Extrap:	Constant	Uncertainty Method: QRev	
W. Temp. (C):	12.166667	Bottom Extrap:	No Slip	95% Total Uncertainty: 5.8 COV Systematic Extrap. Moving-bed Edges Invalid 0 20 40 60 Percent of Total	
W. Temp. ADCP (C):		Extrap Exponent:	0.1667		
System Test:	Passed	Discharg COV (%):	2.89		
Compass Cal/Eval:	0.83	Top Q (%):	34.12		
Magnetic Variaton:	13.5	Measured Q (%):	41.73		
MovBed Test Type:	Loop	Left Q (%):	0.59		
MovBed Test Quality:	Good	Right Q (%):	1.92		
MovBed Test Dur.(s):	335.7	Bottom Q (%):	21.64		
Max MovBed (%):	0.35	Invalid Cells Q (%):	0.08		
Q Correction (%):	0.00	Invalid Ensembles Q (%):	0.48		

Automated QA Messages:

WARNINGS

Cautions

- Site Info: Station number not entered;

Comments:

- MMT Remarks:
- [Main, 2024-08-08 07:52:38, sarah]: No station number for this location. Increasing low water at location will require flowtracking, likely for the duration of the summer season.
- [2024-08-08 07:54:42, sarah]: File Saved Q = 70.47 ft3/s (Uncertainty: 5.8%)

ID	File Name
0	06282024_PageSprings_0_000_24-06-28.PD0
1	06282024_PageSprings_0_001_24-06-28.PD0



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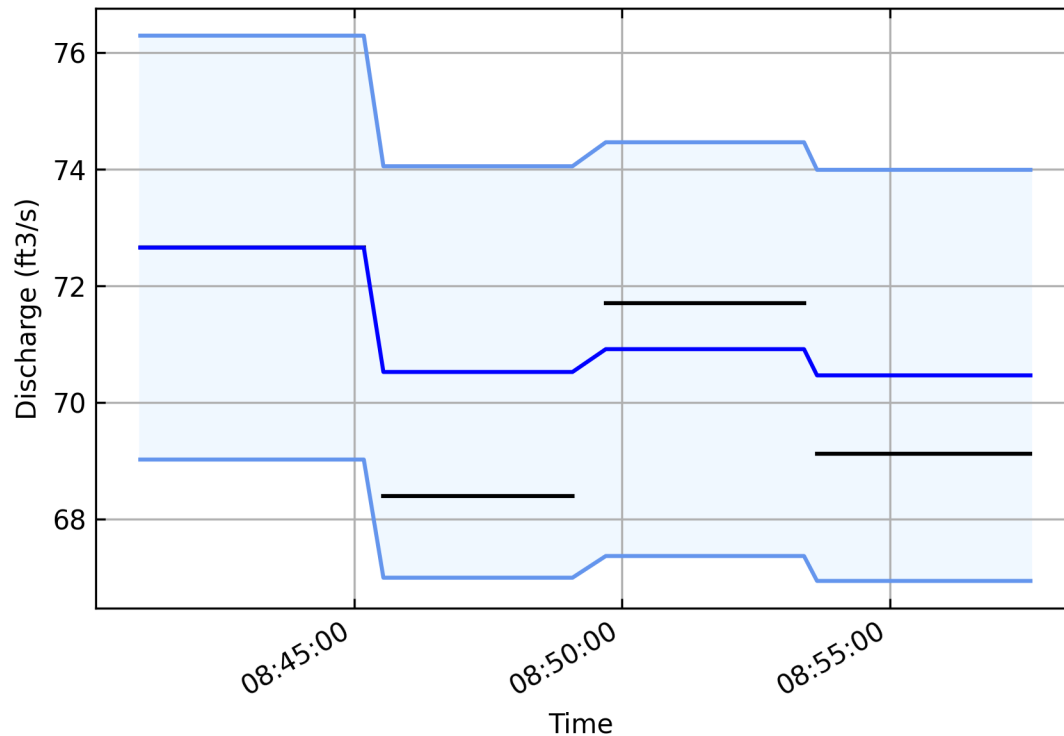
User Rating: Not Rated

Processed: 2024.08.08 07:54:46

ID	File Name
2	06282024_PageSprings_0_002_24-06-28.PD0
3	06282024_PageSprings_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	08:41:00	08:45:10	250.5	25.07	30.54	14.99	0.67	1.39	72.66
1	Right	08:45:32	08:49:04	211.9	23.35	29.63	13.54	0.29	1.59	68.39
2	Left	08:49:41	08:53:23	222.1	24.72	29.78	15.59	0.48	1.13	71.7
3	Right	08:53:38	08:57:37	239.1	23.02	27.69	16.89	0.22	1.29	69.12
				923.7	24.04	29.41	15.25	0.42	1.35	70.47

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	3.00	10	0.3535
1	Right	Triangular	2.00	10	0.3535	Triangular	3.00	10	0.3535
2	Left	Triangular	2.00	10	0.3535	Triangular	3.00	10	0.3535
3	Right	Triangular	2.00	10	0.3535	Triangular	3.00	10	0.3535





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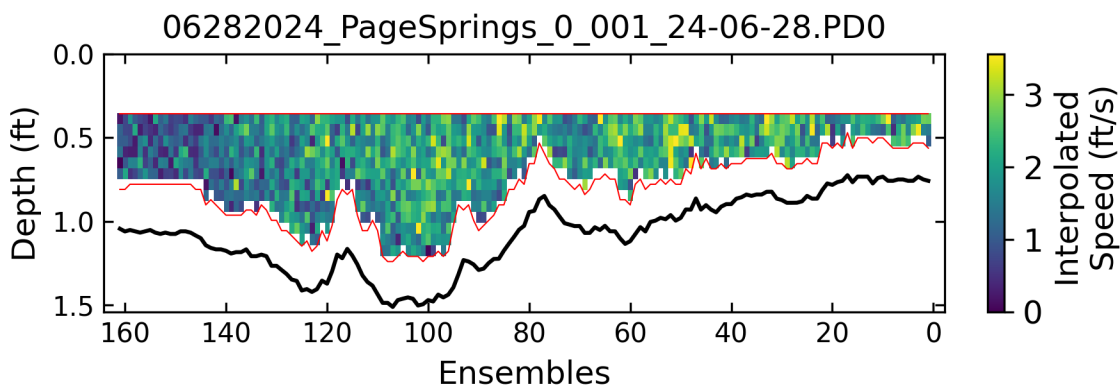
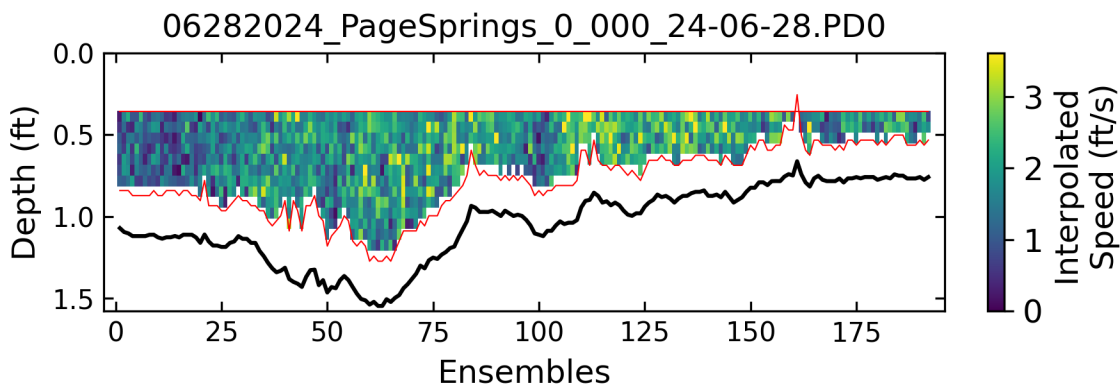
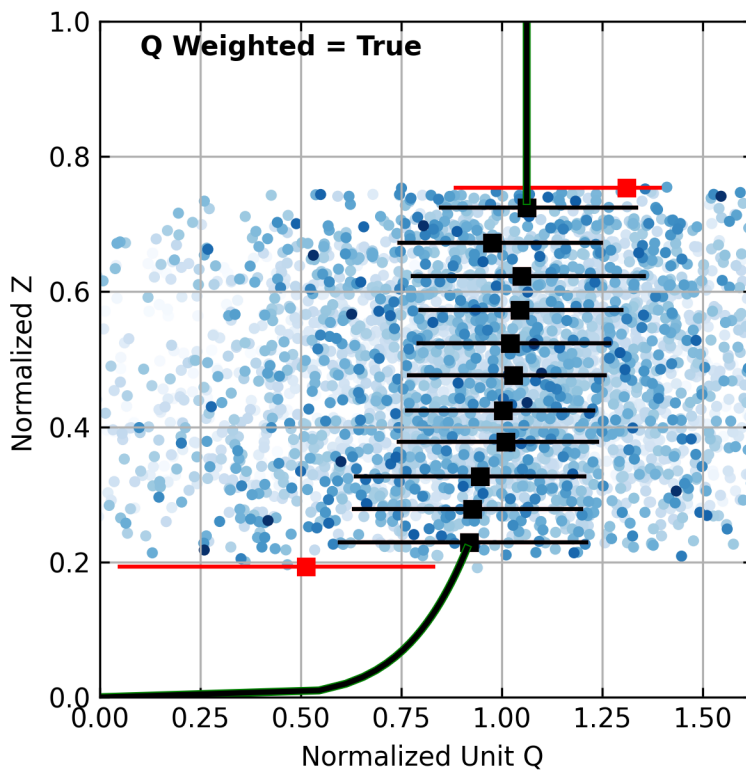
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