

**Seven Silver Creek Flow Measurements Collected at North  
Picabo Road Bridge between October 2014 and November  
2018**

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This data report documents seven streamflow measurements collected at the Silver Creek Bridge on North Picabo Road, near Picabo, Idaho (Figure 1). The purpose of the streamflow measurements is to evaluate the gains or losses between the USGS gage on Silver Creek at Sportsman Access and the IDWR Wood River Aquifer Model boundary downgradient of Picabo, Idaho.

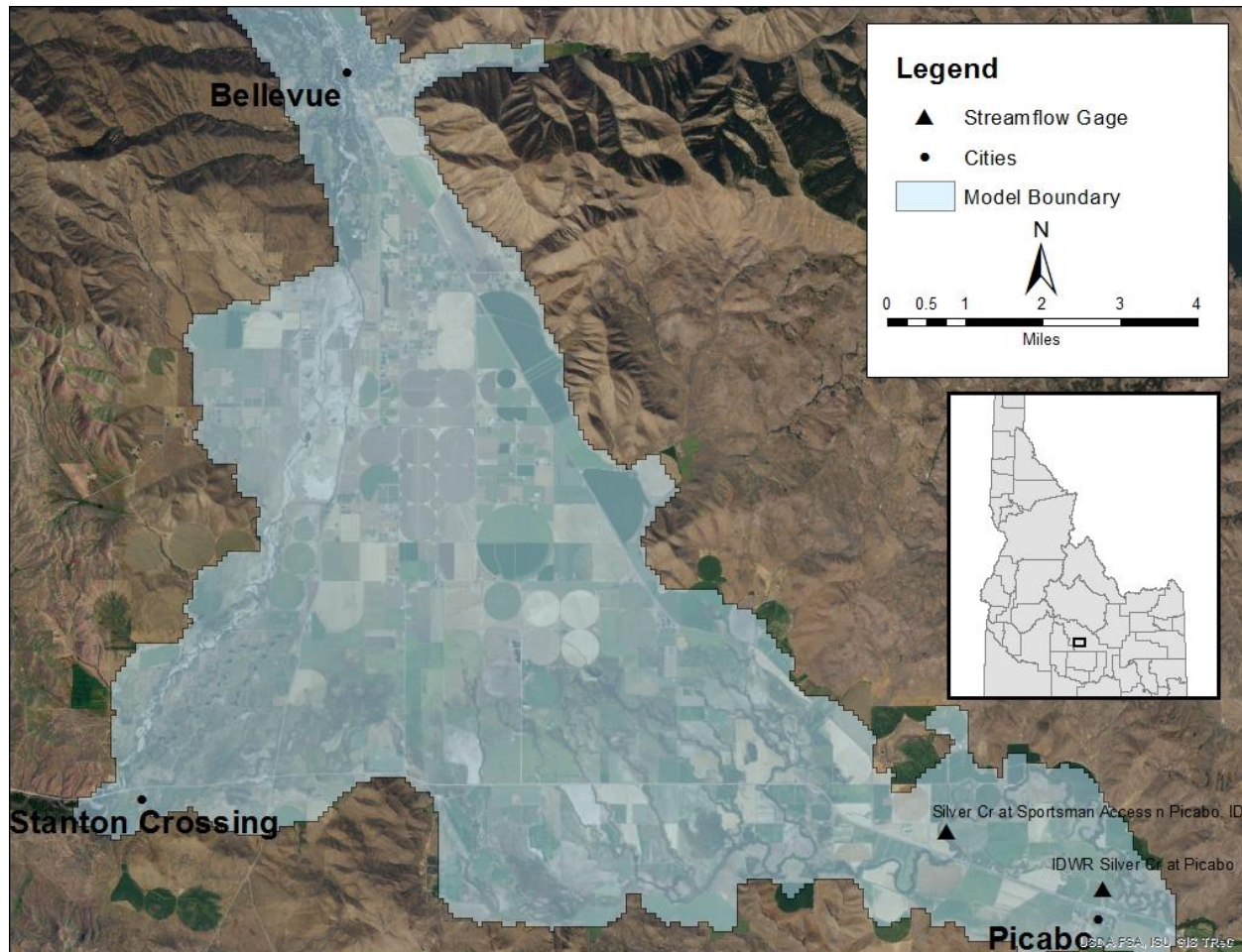


Figure 1. Location Map.

Measurements were collected with a StreamPro Acoustic Doppler Current Profiler (ADCP) beginning in October of 2014 and continuing at least once a year through November 2018. The intent is to continue these measurements at least once a year for the foreseeable future. Table 1 shows the IDWR measurements compared with the value from the USGS Sportsman Access gage (gage # 13150430). Each IDWR measurement was collected at the bridge on North Picabo Road and, with the exception of the October 2014 measurement, collected in the non-irrigation season. A survey of Silver Creek between Sportsman Access gage and the bridge on North Picabo Road conducted after collecting the October 2014 measurement identified no diversions or returns impacting the flow in Silver Creek.

Table 1. Comparison of Sportsman Access gage and IDWR gaging at the bridge on North Picabo Road.

Date	Sportsman Access hourly (cfs)	N Picabo Road (cfs)	Gain+ or Loss- (cfs)	Difference %
10/16/2014	81.3	85	3.7	4.55%
3/4/2015	110	104	-6	-5.45%
11/3/2015	86.4	86	-0.4	-0.46%
3/31/2016	110	116	6	5.45%
11/1/2016	135	117	-18	-13.33%
3/21/2017	379	356	-23	-6.07%
11/5/2018	133	115	-18	-13.53%

Gaging indicates minimal interaction between Silver Creek and the Wood River Valley Aquifer, although there may be some losses or perhaps gage error when flows are above 110 cfs.

Table 2 contains summary statistics for the difference between the two gages. The mean (average) difference between the Sportsman Access gage is -4.21% and the 95% confidence interval is  $\pm 7.16\%$ , so the 95% confidence interval ranges from a 3.04% gain from the aquifer to an 11.3% loss to the aquifer. The 95% confidence interval includes 0.0 (zero), the possibility that there is no aquifer interaction between the two gages.

Table 2. Statistics for the difference between the Sportsman Access gage and the N Picabo Rd Bridge.

<i>Summary Statistics</i>	
Mean	-4.12%
Median	-5.45%
Standard Deviation	7.74%
Sample Variance	0.60%
Range	18.99%
Count	7
Confidence Interval (95.0%)	$\pm 7.157\%$

Appendix A contains the summary sheets from the IDWR gaging at the North Picabo Road Bridge.

## **Appendix A**

Station Number:										Meas. No: 0									
Station Name: silver creek										Date: 10/16/2014									
Party:					Width: 33.7 ft					Processed by:									
Boat/Motor:					Area: 118 ft²					Mean Velocity: 0.718 ft/s									
Gage Height: 0.00 ft					G.H.Change: 0.000 ft					Discharge: 84.6 ft³/s									
Area Method: Avg. Course					ADCP Depth: 0.200 ft					Index Vel.: 0.00 ft/s					Rating No.: 1				
Nav. Method: Bottom Track					Shore Ens.:10					Adj.Mean Vel: 0.00 ft/s					Qm Rating: U				
MagVar Method: None (0.0°)					Bottom Est: Power (0.1667)					Rated Area: 0.000 ft²					Diff.: 0.000%				
Depth Sounder: Not Used					Top Est: Power (0.1667)					Control1: Unspecified									
Discharge Method: None										Control2: Unspecified									
% Correction: 0.00										Control3: Unspecified									
Screening Thresholds:										ADCP:									
BT 3-Beam Solution: YES										Max. Vel.: 2.84 ft/s					Type/Freq.: StreamPro / 2000 kHz				
WT 3-Beam Solution: YES										Max. Depth: 5.36 ft					Serial #: 432      Firmware: 31.13				
BT Error Vel.: 0.33 ft/s										Mean Depth: 3.50 ft					Bin Size: 6 cm      Blank: 50 cm				
WT Error Vel.: 1.15 ft/s										% Meas.: 66.60					BT Mode: 0      BT Pings: 1				
BT Up Vel.: 1.00 ft/s										Water Temp.: None					WT Mode: 12      WT Pings: 6				
WT Up Vel.: 1.64 ft/s										ADCP Temp.: 46.8 °F									
Use Weighted Mean Depth: YES																			
Performed Diag. Test: NO										Project Name: silver creek_0.mmt									
Performed Moving Bed Test: NO										Software: 2.11									
Performed Compass Calibration: NO    Evaluation: NO																			
Meas. Location:																			
Tr.#	Edge Distance		#Ens.	Discharge						Width	Area	Time		Mean Vel.		% Bad			
	L	R		Top	Middle	Bottom	Left	Right	Total			Start	End	Boat	Water	Ens.	Bins		
000	R	2	3	83	11.8	57.9	15.5	0.388	0.812	86.4	34	118	11:03	11:04	0.39	0.73	5	3	
001	L	2	3	70	13.5	62.5	17.7	-0.353	0.530	93.9	33	117	11:05	11:06	0.43	0.80	16	2	
002	R	2	3	58	11.0	54.8	14.0	0.283	1.06	81.2	33	116	11:06	11:07	0.49	0.70	3	3	
003	L	2	3	61	9.96	50.6	13.0	-0.459	0.530	73.6	33	115	11:07	11:09	0.48	0.64	5	2	
004	R	2	3	66	11.8	58.9	16.1	0.353	1.52	88.8	33	117	11:09	11:10	0.44	0.76	6	3	
005	L	2	3	59	11.5	55.4	15.7	-0.283	0.459	82.8	33	120	11:10	11:11	0.50	0.69	5	2	
006	R	2	3	54	13.7	63.4	19.7	0.530	1.20	98.5	37	130	11:11	11:12	0.61	0.76	13	4	
007	L	2	3	74	11.2	53.0	15.9	-0.283	1.09	80.9	34	117	11:12	11:14	0.41	0.69	22	3	
008	R	2	3	58	10.3	51.3	14.1	0.283	1.09	77.2	33	116	11:14	11:15	0.49	0.67	0	2	
009	L	2	3	57	10.9	55.8	15.6	-0.353	1.13	83.0	33	115	11:15	11:16	0.48	0.73	11	2	
Mean		2	3	64	11.6	56.4	15.7	0.011	0.943	84.6	34	118	Total	00:13	0.47	0.72	9	3	
SDev		0	0	9	1.23	4.33	1.92	0.385	0.347	7.52	1.2	4.4			0.06	0.05			
SD/M		0.00	0.00	0.14	0.11	0.08	0.12	36.35	0.37	0.09	0.03	0.04			0.13	0.07			
Remarks:																			

Station Number:										Meas. No: 0									
Station Name: silver creek										Date: 03/04/2015									
Party:					Width: 33.2 ft					Processed by:									
Boat/Motor:					Area: 119 ft²					Mean Velocity: 0.873 ft/s									
Gage Height: 0.00 ft					G.H.Change: 0.000 ft					Discharge: 104 ft³/s									
Area Method: Avg. Course					ADCP Depth: 0.200 ft					Index Vel.: 0.00 ft/s					Rating No.: 1				
Nav. Method: Bottom Track					Shore Ens.:10					Adj.Mean Vel: 0.00 ft/s					Qm Rating: U				
MagVar Method: None (0.0°)					Bottom Est: Power (0.1667)					Rated Area: 0.000 ft²					Diff.: 0.000%				
Depth Sounder: Not Used					Top Est: Power (0.1667)					Control1: Unspecified									
Discharge Method: None										Control2: Unspecified									
% Correction: 0.00										Control3: Unspecified									
Screening Thresholds:										ADCP:									
BT 3-Beam Solution: YES										Type/Freq.: StreamPro / 2000 kHz									
WT 3-Beam Solution: YES										Serial #: 432      Firmware: 31.13									
BT Error Vel.: 0.33 ft/s										Bin Size: 6 cm      Blank: 3 cm									
WT Error Vel.: 1.15 ft/s										BT Mode: 10      BT Pings: 2									
BT Up Vel.: 1.00 ft/s										WT Mode: 12      WT Pings: 6									
WT Up Vel.: 1.64 ft/s																			
Use Weighted Mean Depth: YES																			
Performed Diag. Test: NO										Project Name: Silver creek 030415_0.mmt									
Performed Moving Bed Test: NO										Software: 2.11									
Performed Compass Calibration: NO    Evaluation: NO																			
Meas. Location:																			
Tr.#		Edge Distance		#Ens.	Discharge						Width	Area	Time		Mean Vel.		% Bad		
		L	R		Top	Middle	Bottom	Left	Right	Total			Start	End	Boat	Water	Ens.	Bins	
000	L	2	0	188	13.5	70.7	16.3	-0.318	0.000	100	30	114	10:01	10:05	0.15	0.88	1	1	
001	R	2	2	184	14.0	72.6	17.9	0.494	0.177	105	33	118	10:05	10:09	0.16	0.89	9	2	
002	L	2	2	198	14.1	72.6	17.7	-0.318	0.318	104	34	121	10:10	10:13	0.17	0.86	15	2	
003	R	2	2	211	13.3	72.6	17.6	0.459	-0.212	104	36	121	10:14	10:18	0.14	0.86	11	1	
004	L	2	2	167	13.8	69.9	17.0	-0.318	-0.141	100	33	118	10:19	10:22	0.19	0.85	2	2	
005	R	2	2	210	13.9	73.9	18.4	0.424	-0.212	106	33	122	10:22	10:26	0.16	0.87	3	2	
006	L	2	2	159	14.3	76.0	18.2	-0.388	0.388	108	33	121	10:26	10:29	0.20	0.90	2	2	
Mean		2	2	188	13.8	72.6	17.6	0.005	0.045	104	33	119	Total	00:28	0.17	0.87	6	2	
SDev		0	1	20	0.348	2.02	0.725	0.426	0.251	3.07	1.6	2.7			0.02	0.02			
SD/M		0.00	0.44	0.11	0.03	0.03	0.04	84.43	5.53	0.03	0.05	0.02			0.12	0.02			
Remarks:																			

Station Number:												Meas. No: 0							
Station Name: silver creek 110315												Date: 11/03/2015							
Party:				Width: 36.0 ft				Processed by:											
Boat/Motor:				Area: 129 ft²				Mean Velocity: 0.671 ft/s											
Gage Height: 0.00 ft				G.H.Change: 0.000 ft				Discharge: 86.1 ft³/s											
Area Method: Avg. Course				ADCP Depth: 0.164 ft				Index Vel.: 0.00 ft/s				Rating No.: 1							
Nav. Method: Bottom Track				Shore Ens.:10				Adj.Mean Vel: 0.00 ft/s				Qm Rating: U							
MagVar Method: None (0.0°)				Bottom Est: Power (0.1667)				Rated Area: 0.000 ft²				Diff.: 0.000%							
Depth Sounder: Not Used				Top Est: Power (0.1667)				Control1: Unspecified											
Discharge Method: None								Control2: Unspecified											
% Correction: 0.00								Control3: Unspecified											
Screening Thresholds:												ADCP:							
BT 3-Beam Solution: YES				Max. Vel.: 2.90 ft/s				Type/Freq.: StreamPro / 2000 kHz											
WT 3-Beam Solution: YES				Max. Depth: 5.41 ft				Serial #: 432				Firmware: 31.13							
BT Error Vel.: 0.33 ft/s				Mean Depth: 3.57 ft				Bin Size: 5 cm				Blank: 3 cm							
WT Error Vel.: 1.15 ft/s				% Meas.: 67.64				BT Mode: 10				BT Pings: 2							
BT Up Vel.: 1.00 ft/s				Water Temp.: None				WT Mode: 12				WT Pings: 6							
WT Up Vel.: 1.64 ft/s				ADCP Temp.: 45.5 °F															
Use Weighted Mean Depth: YES																			
Performed Diag. Test: NO												Project Name: silver creek 110315_0.mmt							
Performed Moving Bed Test: NO												Software: 2.11							
Performed Compass Calibration: NO    Evaluation: NO																			
Meas. Location:																			
Tr.#		Edge Distance		#Ens.	Discharge						Width	Area	Time		Mean Vel.		% Bad		
		L	R		Top	Middle	Bottom	Left	Right	Total			Start	End	Boat	Water	Ens.	Bins	
001	R	4	4	51	9.85	55.3	15.0	0.989	0.848	82.0	37	132	08:24	08:25	0.60	0.62	6	3	
003	R	4	4	56	10.2	58.6	16.9	0.388	-0.565	85.5	37	133	08:27	08:28	0.54	0.65	4	3	
004	L	4	4	59	10.3	59.3	16.4	1.20	0.459	87.5	35	125	08:28	08:29	0.49	0.70	10	2	
006	L	4	4	59	10.3	60.0	16.5	0.883	0.671	88.3	36	128	08:30	08:31	0.49	0.69	7	3	
008	L	4	4	59	10.4	58.3	16.7	1.06	0.918	87.3	35	126	08:32	08:34	0.49	0.70	0	2	
Mean		4	4	56	10.2	58.3	16.3	0.904	0.466	86.1	36	129	Total	00:09	0.52	0.67	5	3	
SDev		0	0	4	0.216	1.81	0.743	0.310	0.603	2.53	1.3	3.5			0.05	0.03			
SD/M		0.00	0.00	0.06	0.02	0.03	0.05	0.34	1.29	0.03	0.03	0.03			0.10	0.05			
Remarks:																			



Station Number:										Meas. No: 0								
Station Name: silver creek033116										Date: 03/31/2016								
Party:				Width: 33.0 ft				Processed by:										
Boat/Motor:				Area: 113 ft²				Mean Velocity: 1.02 ft/s										
Gage Height: 0.00 ft				G.H.Change: 0.000 ft				Discharge: 116 ft³/s										
Area Method: Avg. Course				ADCP Depth: 0.164 ft				Index Vel.: 0.00 ft/s		Rating No.: 1								
Nav. Method: Bottom Track				Shore Ens.:10				Adj.Mean Vel: 0.00 ft/s		Qm Rating: U								
MagVar Method: None (0.0°)				Bottom Est: Power (0.1667)				Rated Area: 0.000 ft²		Diff.: 0.000%								
Depth Sounder: Not Used				Top Est: Power (0.1667)				Control1: Unspecified										
Discharge Method: None								Control2: Unspecified										
% Correction: 0.00								Control3: Unspecified										
Screening Thresholds:										ADCP:								
BT 3-Beam Solution: YES				Max. Vel.: 3.38 ft/s				Type/Freq.: StreamPro / 2000 kHz										
WT 3-Beam Solution: YES				Max. Depth: 5.17 ft				Serial #: 1811      Firmware: 31.13										
BT Error Vel.: 0.33 ft/s				Mean Depth: 3.42 ft				Bin Size: 5 cm      Blank: 50 cm										
WT Error Vel.: 1.25 ft/s				% Meas.: 70.72				BT Mode: 0      BT Pings: 1										
BT Up Vel.: 1.00 ft/s				Water Temp.: None				WT Mode: 12      WT Pings: 6										
WT Up Vel.: 2.00 ft/s				ADCP Temp.: 49.9 °F														
Use Weighted Mean Depth: YES																		
Performed Diag. Test: NO										Project Name: silvercreek033116_0.mmt								
Performed Moving Bed Test: NO										Software: 2.11								
Performed Compass Calibration: NO    Evaluation: NO																		
Meas. Location:																		
Tr.#		Edge Distance		#Ens.	Discharge						Width	Area	Time		Mean Vel.		% Bad	
		L	R		Top	Middle	Bottom	Left	Right	Total			Start	End	Boat	Water	Ens.	Bins
000	R	3	3	107	13.8	81.9	17.9	1.13	0.212	115	34	116	08:33	08:35	0.30	0.99	3	1
001	L	3	3	99	13.7	81.0	19.0	0.600	0.565	115	33	114	08:36	08:37	0.31	1.01	2	2
002	R	3	3	78	13.8	81.3	18.1	0.494	0.353	114	33	114	08:38	08:39	0.37	1.00	0	1
004	R	3	3	90	14.3	83.3	19.0	0.706	0.283	118	33	115	08:41	08:43	0.34	1.03	1	1
005	L	3	3	88	14.2	82.6	19.6	0.459	0.459	117	33	112	08:43	08:45	0.33	1.05	1	2
007	L	3	3	91	14.2	80.0	18.8	0.848	0.424	114	32	109	08:47	08:48	0.31	1.05	1	1
Mean		3	3	92	14.0	81.7	18.7	0.706	0.383	116	33	113	Total	00:15	0.33	1.02	1	1
SDev		0	0	10	0.262	1.17	0.642	0.252	0.127	1.54	0.5	2.5			0.03	0.02		
SD/M		0.00	0.00	0.11	0.02	0.01	0.03	0.36	0.33	0.01	0.01	0.02			0.08	0.02		
Remarks:																		



Station Number:

Meas. No: 0

Station Name: silver creek 110116

Date: 11/01/2016

Party:	Width: 35.6 ft	Processed by:
Boat/Motor:	Area: 169 ft <sup>2</sup>	Mean Velocity: 0.692 ft/s
Gage Height: 0.00 ft	G.H.Change: 0.000 ft	Discharge: 117 ft <sup>3</sup> /s

Area Method: Avg. Course	ADCP Depth: 0.164 ft	Index Vel.: 0.00 ft/s	Rating No.: 1
Nav. Method: Bottom Track	Shore Ens.:10	Adj.Mean Vel: 0.00 ft/s	Qm Rating: U
MagVar Method: None (0.0°)	Bottom Est: Power (0.1667)	Rated Area: 0.000 ft <sup>2</sup>	Diff.: 0.000%
Depth Sounder: Not Used	Top Est: Power (0.1667)	Control1: Unspecified	
Discharge Method: None		Control2: Unspecified	
% Correction: 0.00		Control3: Unspecified	

Screening Thresholds:	ADCP:
BT 3-Beam Solution: YES	Type/Freq.: StreamPro / 2000 kHz
WT 3-Beam Solution: YES	Serial #: 1811      Firmware: 31.15
BT Error Vel.: 0.33 ft/s	Bin Size: 7 cm      Blank: 50 cm
WT Error Vel.: 1.05 ft/s	BT Mode: 0      BT Pings: 1
BT Up Vel.: 1.00 ft/s	WT Mode: 12      WT Pings: 6
WT Up Vel.: 3.00 ft/s	
Use Weighted Mean Depth: YES	
Max. Vel.: 3.60 ft/s	
Max. Depth: 6.45 ft	
Mean Depth: 4.74 ft	
% Meas.: 66.53	
Water Temp.: None	
ADCP Temp.: 50.7 °F	

Performed Diag. Test: YES

Project Name: silver creek 110116\_0.mmt

Performed Moving Bed Test: NO

Software: 2.11

Performed Compass Calibration: NO    Evaluation: NO

Meas. Location:

Tr.#	Edge Distance		#Ens.	Discharge							Width	Area	Time		Mean Vel.		% Bad	
	L	R		Top	Middle	Bottom	Left	Right	Total	Start			End	Boat	Water	Ens.	Bins	
000	L	4	2	126	11.0	72.0	22.0	3.18	3.28	111	39	176	12:05	12:07	0.29	0.63	24	13
001	R	4	2	96	11.7	84.3	23.8	2.47	3.96	126	35	168	12:08	12:09	0.33	0.75	13	13
003	R	4	2	98	12.0	82.8	23.5	2.37	3.74	125	36	171	12:12	12:14	0.35	0.73	20	15
004	L	4	2	87	10.8	74.9	21.7	2.72	2.51	113	35	166	12:14	12:15	0.36	0.68	6	12
005	R	4	2	101	10.4	72.5	20.0	2.12	2.68	108	34	165	12:16	12:17	0.33	0.65	17	13
006	L	4	2	92	11.6	81.9	22.9	3.74	3.00	123	35	165	12:18	12:19	0.34	0.74	4	11
007	R	4	2	108	10.2	73.1	20.4	2.93	4.10	111	33	163	12:19	12:21	0.30	0.68	12	12
008	L	4	2	117	10.8	79.0	21.9	1.87	2.79	116	38	176	12:21	12:23	0.30	0.66	18	13
Mean		4	2	103	11.1	77.6	22.0	2.68	3.26	117	36	169	Total	00:18	0.33	0.69	14	13
SDev		0	0	13	0.640	5.05	1.36	0.604	0.610	7.12	1.9	5.0			0.03	0.05		
SD/M		0.00	0.00	0.13	0.06	0.07	0.06	0.23	0.19	0.06	0.05	0.03			0.08	0.07		

Remarks:

Discharge for transects in *italics* have a total Q more than 5% from the mean

Station Number: Meas. No: 0  
Station Name: silver creek 032117 Date: 03/21/2017

Party:	Width: 35.8 ft	Processed by:
Boat/Motor:	Area: 203 ft <sup>2</sup>	Mean Velocity: 1.75 ft/s
Gage Height: 0.00 ft	G.H.Change: 0.000 ft	Discharge: 356 ft <sup>3</sup> /s

Area Method: Avg. Course	ADCP Depth: 0.164 ft	Index Vel.: 0.00 ft/s	Rating No.: 1
Nav. Method: Bottom Track	Shore Ens.:10	Adj.Mean Vel: 0.00 ft/s	Qm Rating: U
MagVar Method: None (0.0°)	Bottom Est: Power (0.1667)	Rated Area: 0.000 ft <sup>2</sup>	Diff.: 0.000%
Depth Sounder: Not Used	Top Est: Power (0.1667)	Control1: Unspecified	
Discharge Method: None		Control2: Unspecified	
% Correction: 0.00		Control3: Unspecified	

Screening Thresholds:	ADCP:
BT 3-Beam Solution: YES	Type/Freq.: StreamPro / 2000 kHz
WT 3-Beam Solution: YES	Serial #: 1811      Firmware: 31.15
BT Error Vel.: 0.33 ft/s	Bin Size: 9 cm      Blank: 50 cm
WT Error Vel.: 0.98 ft/s	BT Mode: 0      BT Pings: 1
BT Up Vel.: 1.00 ft/s	WT Mode: 12      WT Pings: 6
WT Up Vel.: 3.00 ft/s	
Use Weighted Mean Depth: YES	
Max. Vel.: 4.34 ft/s	
Max. Depth: 7.42 ft	
Mean Depth: 5.68 ft	
% Meas.: 69.60	
Water Temp.: None	
ADCP Temp.: 48.1 °F	

Performed Diag. Test: NO      Project Name: silver creek 032117\_0.mmt  
Performed Moving Bed Test: NO      Software: 2.11  
Performed Compass Calibration: NO      Evaluation: NO  
Meas. Location:

Tr.#		Edge Distance		#Ens.	Discharge						Width	Area	Time		Mean Vel.		% Bad	
		L	R		Top	Middle	Bottom	Left	Right	Total			Start	End	Boat	Water	Ens.	Bins
000	R	3	1	119	34.7	259	61.8	6.29	8.12	370	36	205	10:30	10:32	0.27	1.80	2	10
001	L	3	1	110	33.3	242	60.8	3.99	8.51	348	35	198	10:33	10:35	0.30	1.76	0	9
003	L	3	1	146	33.8	247	61.5	-4.31	8.58	346	37	207	10:38	10:40	0.25	1.68	4	12
004	R	3	1	125	34.5	246	60.9	8.55	7.95	358	36	204	10:41	10:43	0.26	1.76	4	7
005	L	3	1	152	33.8	247	64.1	5.47	7.31	358	36	206	10:43	10:46	0.25	1.74	3	9
007	L	3	1	171	33.1	243	60.2	4.84	8.55	349	34	194	10:49	10:53	0.22	1.80	2	8
008	R	3	1	161	35.9	255	67.9	5.30	8.12	372	38	212	10:53	10:56	0.23	1.76	8	7
009	L	3	1	165	32.9	242	59.5	0.777	8.16	344	35	200	10:57	11:00	0.24	1.72	3	11
Mean		3	1	143	34.0	248	62.1	3.86	8.16	356	36	203	Total	00:30	0.25	1.75	3	9
SDev		0	0	23	1.00	6.33	2.70	3.96	0.418	10.8	1.1	5.6			0.03	0.04		
SD/M		0.00	0.00	0.16	0.03	0.03	0.04	1.02	0.05	0.03	0.03	0.03			0.11	0.02		

Remarks:

Station Number:												Meas. No: 0						
Station Name: silvercreek110518												Date: 11/05/2018						
Party:				Width: 34.2 ft				Processed by:										
Boat/Motor:				Area: 132 ft²				Mean Velocity: 0.874 ft/s										
Gage Height: 0.00 ft				G.H.Change: 0.000 ft				Discharge: 115 ft³/s										
Area Method: Avg. Course				ADCP Depth: 0.164 ft				Index Vel.: 0.00 ft/s		Rating No.: 1								
Nav. Method: Bottom Track				Shore Ens.:10				Adj.Mean Vel: 0.00 ft/s		Qm Rating: U								
MagVar Method: None (0.0°)				Bottom Est: Power (0.1667)				Rated Area: 0.000 ft²		Diff.: 0.000%								
Depth: Composite (BT)				Top Est: Power (0.1667)				Control1: Unspecified										
Discharge Method: None								Control2: Unspecified										
% Correction: 0.00								Control3: Unspecified										
Screening Thresholds:								ADCP:										
BT 3-Beam Solution: YES				Max. Vel.: 4.85 ft/s				Type/Freq.: StreamPro / 2000 kHz										
WT 3-Beam Solution: YES				Max. Depth: 6.02 ft				Serial #: 1984		Firmware: 31.16								
BT Error Vel.: 0.33 ft/s				Mean Depth: 3.86 ft				Bin Size: 5 cm		Blank: 3 cm								
WT Error Vel.: 1.25 ft/s				% Meas.: 67.45				BT Mode: 10		BT Pings: 2								
BT Up Vel.: 1.00 ft/s				Water Temp.: None				WT Mode: 12		WT Pings: 6								
WT Up Vel.: 3.00 ft/s				ADCP Temp.: 51.6 °F														
Use Weighted Mean Depth: YES																		
Performed Diag. Test: NO												Project Name: silvercreek110611_0.mmt						
Performed Moving Bed Test: NO												Software: 2.18						
Performed Compass Calibration: NO    Evaluation: NO																		
Meas. Location:																		
Tr.#		Edge Distance		#Ens.	Discharge						Width	Area	Time		Mean Vel.		% Bad	
		L	R		Top	Middle	Bottom	Left	Right	Total			Start	End	Boat	Water	Ens.	Bins
001	L	2	2	69	14.4	81.2	24.5	0.424	0.812	121	34	134	14:56	14:58	0.46	0.90	10	6
002	R	2	2	82	12.6	73.3	20.7	0.353	0.883	108	36	138	14:58	14:59	0.41	0.78	18	8
003	L	2	2	69	14.1	79.4	21.5	0.459	0.565	116	32	127	14:59	15:01	0.43	0.91	6	6
005	L	2	2	65	14.9	77.2	23.9	0.530	0.918	117	35	131	15:02	15:04	0.49	0.90	15	7
006	R	2	2	83	13.7	80.7	22.1	0.459	0.918	118	35	136	15:04	15:05	0.38	0.87	24	6
007	L	2	2	79	14.6	77.9	23.8	0.565	0.318	117	35	128	15:05	15:07	0.41	0.92	22	5
008	R	2	2	73	13.4	76.2	21.5	0.459	0.530	112	34	134	15:07	15:08	0.44	0.84	12	5
009	L	2	2	74	13.8	76.2	21.7	0.353	0.388	112	33	127	15:09	15:10	0.45	0.88	19	5
Mean		2	2	74	13.9	77.8	22.5	0.450	0.667	115	34	132	Total	00:13	0.43	0.87	16	6
SDev		0	0	7	0.749	2.62	1.41	0.075	0.246	4.24	1.2	4.3			0.03	0.05		
SD/M		0.00	0.00	0.09	0.05	0.03	0.06	0.17	0.37	0.04	0.04	0.03			0.08	0.05		
Remarks:																		