

Taylor Diversion 6/12/2006 10:30 AM	Tape Length (ft.)	Length Interval (ft.)	Depth (ft.)	Velocity (ft/s)			Discharge (cfs)
				.6 depth	.2 depth	.8 depth	
Right edge of water (REW) -1.0	1.5	0.5	0.3	0			0
Left edge of water (LEW) - 14	2	0.5	0.45	0			0
	2.5	0.5	0.55	0			0
	3	0.5	0.8	0			0
Gauge height -2.5	3.5	0.5	0.95	0.45			0.21375
	4	0.5	1.1	0.97			0.5335
	4.5	0.5	1.2	1.25			0.75
	5	0.5	1.3	1.34			0.871
	5.5	0.5	1.4	1.51			1.057
	6	0.5	1.6	1.43			1.144
	6.5	0.5	1.7	1.44			1.224
	7	0.5	1.75	1.42			1.2425
	7.5	0.5	1.75	1.34			1.1725
	8	0.5	1.75	1.29			1.12875
	8.5	0.5	1.7	1.41			1.1985
	9	0.5	1.6	1.31			1.048
	9.5	0.5	1.6	1.2			0.96
	10	0.5	1.5	1.13			0.8475
	10.5	0.5	1.45	0.63			0.45675
	11	0.5	1.3	0.22			0.143
	11.5	0.5	0.8	0.04			0.016
	12	0.5	0.5	0			0
	12.5	0.5	0.35	0			0
	13	0.5	0.25	0			0
	13.5	0.5	0.25	0			0
						Total cfs	14.00675

Taylor Diversion 7/13/2004 9:10 AM Right edge of water (REW) -2.0 Left edge of water (LEW) - 14 Gauge height: 7-16-2006 - 2.02	Tape Length (ft.)	Length Interval (ft.)	Depth (ft.)	Velocity (ft/s)			Discharge (cfs)
				.6 depth	.2 depth	.8 depth	
	2.5	0.5	0.3	0			0
	3	0.5	0.3	0			0
	3.5	0.5	0.45	0			0
	4	0.5	0.6	0.22			0.066
	4.5	0.5	0.75	0.32			0.12
	5	0.5	1.1	0.45			0.2475
	5.5	0.5	1.3	0.52			0.338
	6	0.5	1.4	0.66			0.462
	6.5	0.5	1.5	0.7			0.525
	7	0.5	1.45	0.7			0.5075
	7.5	0.5	1.5	0.76			0.57
	8	0.5	1.55	0.83			0.64325
	8.5	0.5	1.65	0.86			0.7095
	9	0.5	1.65	0.98			0.8085
	9.5	0.5	1.5	1.02			0.765
	10	0.5	1.4	1.08			0.756
	10.5	0.5	1.2	1.05			0.63
	11	0.5	1	0.83			0.415
	11.5	0.5	0.7	0.89			0.3115
	12	0.5	0.5	0.71			0.1775
	12.5	0.5	0.2	0.77			0.077
	13	0.5	0.1	0			0
	13.5	0.5	0.1	0			0
						Total cfs	8.12925

Taylor Diversion

8/13/2006

4:05 PM

Right edge of water (REW) -1.9

Left edge of water (LEW) - 13.3

Gauge height -2.14

Tape Length (ft.)	Length Interval	Depth (ft.)	Velocity (ft/s)			Discharge (cfs)
			.6 depth	.2 depth	.8 depth	
2.5	0.5	0.05	0		0	
3	0.5	0.1	0		0	
3.5	0.5	0.7	0		0	
4	0.5	1	0.16		0.08	
4.5	0.5	1.2	0.31		0.186	
5	0.5	1.3	0.5		0.325	
5.5	0.5	1.35	0.54		0.3645	
6	0.5	1.3	0.69		0.4485	
6.5	0.5	1.4	0.78		0.546	
7	0.5	1.4	0.84		0.588	
7.5	0.5	1.45	0.84		0.609	
8	0.5	1.5	0.75		0.5625	
8.5	0.5	1.4	0.73		0.511	
9	0.5	1.2	0.73		0.438	
9.5	0.5	1.2	0.7		0.42	
10	0.5	1.1	0.56		0.308	
10.5	0.5	1	0.28		0.14	
11	0.5	0.9	0.16		0.072	
11.5	0.5	0.8	0		0	
12	0.5	0.35	0		0	
12.5	0.5	0.05	0		0	
13	0.5	0.05	0		0	
Total cfs						5.5985

Taylor Diversion 9/21/2006 10:30 AM Right edge of water (REW) -0.5 Left edge of water (LEW) - 13 Gauge height -2.50	Tape Leng	Length	Inte Depth (ft.)	Velocity (ft/s)			Discharge (cfs)
				.6 depth	.2 depth	.8 depth	
	1	0.5	0.2	0.2			0.02
	1.5	0.5	0.3	0.19			0.0285
	2	0.5	0.5	0.23			0.0575
	2.5	0.5	0.65	0.31			0.10075
	3	0.5	1.4	0.1			0.07
	3.5	0.5	1.4	0.22			0.154
	4	0.5	1.5	0.36			0.27
	4.5	0.5	1.6	0.23			0.184
	5	0.5	1.8	0.47			0.423
	5.5	0.5	1.9	0.47			0.4465
	6	0.5	1.9	0.43			0.4085
	6.5	0.5	2		0.2	0.6	0.06
	7	0.5	2		0.6	0.52	0.156
	7.5	0.5	1.8	0.61			0.549
	8	0.5	1.7	0.66			0.561
	8.5	0.5	1.8	0.65			0.585
	9	0.5	1.9	0.44			0.418
	9.5	0.5	1.2	0.65			0.39
	10	0.5	1.1	0.54			0.297
	10.5	0.5	0.8	0.53			0.212
	11	0.5	0.5	0.46			0.115
	11.5	0.5	0.2	0.2			0.02
	12	0.5	0.1	0			0
	12.5	0.5	0.1	0			0
	Total cfs						5.52575

Peterson Diversion 6/16/2006 12:08 PM	Tape Length (ft.)	Length Interval (ft.)	Depth (ft.)	Velocity (ft/s)			Discharge (cfs)
				.6 depth	.2 depth	.8 depth	
Right edge of water (REW)-16.5	16	0.5	0.5	0.07			0.0175
Left edge of water (LEW)-2	15.5	0.5	0.3	0.17			0.0255
	15	0.5	0.3	0.13			0.0195
	14.5	0.5	0.4	0.01			0.002
	14	0.5	0.9	0			0
	13.5	0.5	1.2	0			0
	13	0.5	2.1		0.1	0.31	0.21525
	12.5	0.5	2.3		0.35	0.04	0.22425
	12	0.5	2.4		0.43	0.36	0.474
	11.5	0.5	2.4		0.47	0.07	0.324
	11	0.5	2.6		0.42	0	0.273
	10.5	0.5	2.7		0.41	0	0.27675
	10	0.5	2.7		0.4	0	0.27
	9.5	0.5	2.65		0.37	0	0.245125
	9	0.5	2.75		0.33	0	0.226875
	8.5	0.5	2.7		0.33	0	0.22275
	8	0.5	2.7		0.35	0	0.23625
	7.5	0.5	2.7		0.38	0	0.2565
	7	0.5	2.7		0.39	0	0.26325
	6.5	0.5	2.7		0.39	0	0.26325
	6	0.5	2.6		0.42	0.05	0.3055
	5.5	0.5	2.5		0.43	0.15	0.3625
	5	0.5	2.6		0.36	0.09	0.2925
	4.5	0.5	2.4		0.31	0.19	0.3
	4	0.5	2.3		0.33	0.18	0.29325
	3.5	0.5	2.2		0.2	0.11	0.1705
	3	0.5	2.1		0.06	0.07	0.06825
	2.5	0.1	2.2		0	0.07	0.00385
						Total cfs	5.6321

**Zero valies come from interference from weeds.

Peterson Diversion 7/16/2006 3:30 PM Right edge of water (REW)-1.0 Left edge of water (LEW)-21	Tape Length (ft.)	Length Interval (ft.)	Depth (ft.)	Velocity (ft/s)			Discharge (cfs)
				.6 depth	.2 depth	.8 depth	
	1.5	1.0	0.2	0			0
	2.5	1.0	0.5	0			0
	3.5	1.0	1	0			0
	4.5	1.0	1.35	0			0
	5.5	1.0	1.7	0			0
	6.5	1.0	1.8	0.04			0.072
	7.5	1.0	2.3		0.05	0	0.0575
	8.5	1.0	2.6		0.03	0.01	0.052
	9.5	1.0	2.9		0.08	0	0.116
	10.5	1.0	2.9		0	0.04	0.058
	11.5	1.0	2.8		0	0	0
	12.5	1.0	2.5		0	0	0
	13.5	1.0	2.4		0	0	0
	14.5	1.0	2.1		0	0	0
	15.5	1.0	1.6	0			0
	16.5	1.0	1.1	0			0
	17.5	1.0	0.6	0			0
	18.5	1.0	0.3	0			0
	19.5	1.0	0.4	0			0
	20.5	1.0	0.1	0			0
						Total cfs	0.3555

**Taken at a different location (US of bridge) than 6-16-2006 to minimize 0 vaules.

Peterson Diversion 8/18/2006 ?	Tape Length (ft.)	Length Interval (ft.)	Depth (ft.)	Velocity (ft/s)			Discharge (cfs)	
				.6 depth	.2 depth	.8 depth		
	2.5	1.0	0.2	0			0	
Right edge of water (REW)-21.5	3.5	1.0	0.5	0			0	
Left edge of water (LEW)-1.5	4.5	1.0	0.7	0			0	
	5.5	1.0	1.1	0			0	
	6.5	1.0	1.4	0			0	
	7.5	1.0	2		0	0	0	
	8.5	1.0	2.6		0	0	0	
	9.5	1.0	3		0.04	0	0.06	
	10.5	1.0	3		0.21	0.19	0.6	
	11.5	1.0	3		0	0.24	0.348	
	12.5	1.0	2.9		0.03	0.23	0.3705	
	13.5	1.0	2.85		0.16	0.15	0.403	
	14.5	1.0	2.6		0	0	0	
	15.5	1.0	2	0			0	
	16.5	1.0	1.5	0			0	
	17.5	1.0	1.1	0			0	
	18.5	1.0	0.8	0			0	
	19.5	1.0	0.4	0			0	
	20.5	1.0	0.2	0			0	
							Total cfs	1.7815

**Same location as 7/16/2006

Peterson Diversion 9/25/2006 11:45 AM Right edge of water (REW)-0 Left edge of water (LEW)-4	Tape Length (ft.)	Length Interval (ft.)	Depth (ft.)	Velocity (ft/s)			Discharge (cfs)
				.6 depth	.2 depth	.8 depth	
	0.1	0.2	2.45				0
	0.3	0.2	2.45		0.01	0.02	0.00735
	0.5	0.2	2.45		0.02	0.03	0.01225
	0.7	0.2	2.45		0.06	0.02	0.0196
	0.9	0.2	2.45		0.01	0.04	0.01225
	1.1	0.2	2.45		0.03	0.05	0.0196
	1.3	0.2	2.45		0.01	0.01	0.0049
	1.5	0.2	2.45		0.01	0.1	0.02695
	1.7	0.2	2.45		0.01	0.09	0.0245
	1.9	0.2	2.45		0.01	0.03	0.0098
	2.1	0.2	2.45		0.01	0.03	0.0098
	2.3	0.2	2.45		0.01	0.03	0.0098
	2.5	0.2	2.45		0.02	0.01	0.00735
	2.7	0.2	2.45		0	0	0
	2.9	0.2	2.45		0.02	0	0.0049
	3.1	0.2	2.45		0	0.04	0.0098
	3.3	0.2	2.45		0	0	0
	3.5	0.2	2.45		0.01	0.01	0.0049
	3.7	0.2	2.45		0.01	0	0.00245
	3.9	0.2	2.45		0	0	0
	Total cfs						0.1862