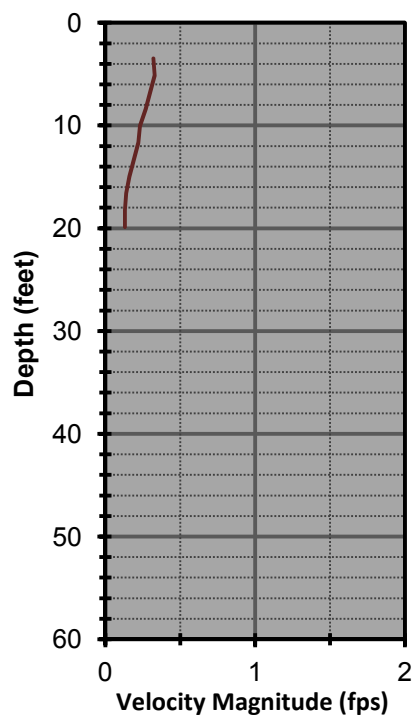


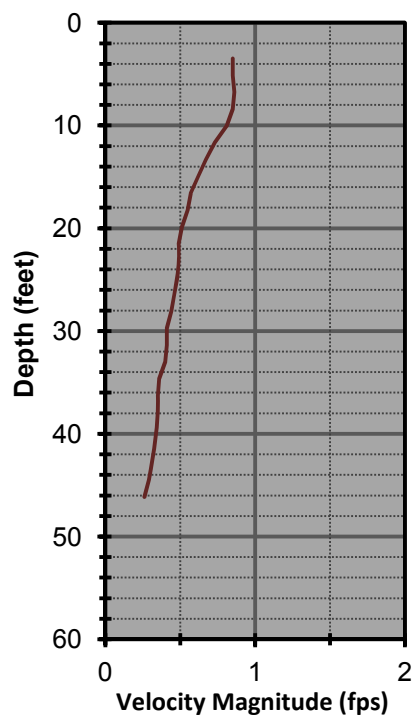
Sample Point 1	
Date	7/30/2003
Time	8:43
Lat	35.2370367
Long	-85.0778017
River Flow (cfs)	49200
River Stage (ft)	683.0
River Depth (ft)	22.8

Depth (ft) (ft)	Velocity Magnitude (fps, horizontal)	Velocity Direction (deg)	Approx East Component (fps)	Approx North Component (fps)	Approx Vertical Component (fps)
3.48	0.32	171.03	0.05	-0.31	-0.05
5.12	0.33	171.27	0.05	-0.33	-0.03
6.76	0.30	177.06	0.02	-0.30	-0.02
8.40	0.27	184.36	-0.02	-0.27	-0.02
10.04	0.23	186.70	-0.03	-0.23	-0.01
11.68	0.22	191.37	-0.04	-0.21	-0.01
13.32	0.19	194.03	-0.05	-0.19	-0.01
14.96	0.16	188.94	-0.03	-0.16	-0.01
16.60	0.14	180.06	0.00	-0.13	-0.01
18.24	0.13	174.79	0.01	-0.13	0.00
19.88	0.13	167.94	0.03	-0.12	0.00



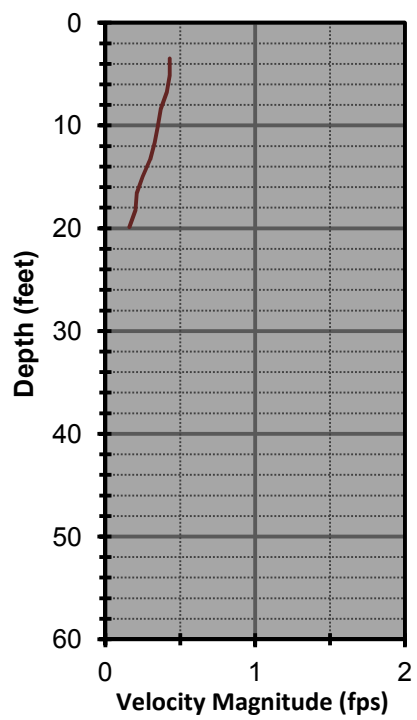
Sample Point 2	
Date	7/30/2003
Time	10:14
Lat	35.2348150
Long	-85.0833767
River Flow (cfs)	41300
River Stage (ft)	683.1
River Depth (ft)	48.9

Depth (ft)	Velocity Magnitude	Velocity Direction	Approx East Component	Approx North Component	Approx Vertical Component
(ft)	(fps, horizontal)	(deg)	(fps)	(fps)	(fps)
3.48	0.85	172.34	0.11	-0.84	-0.01
5.12	0.85	171.76	0.12	-0.84	0.01
6.76	0.86	174.20	0.09	-0.85	0.01
8.40	0.85	173.99	0.09	-0.84	0.01
10.04	0.81	174.14	0.08	-0.80	0.00
11.68	0.73	174.05	0.08	-0.73	0.00
13.32	0.67	172.62	0.09	-0.67	0.00
14.96	0.62	173.13	0.08	-0.61	0.00
16.60	0.57	173.74	0.06	-0.56	0.01
18.24	0.55	175.81	0.04	-0.55	0.00
19.88	0.51	175.56	0.04	-0.51	0.00
21.52	0.49	178.29	0.01	-0.49	0.00
23.16	0.49	175.95	0.03	-0.49	0.00
24.80	0.48	176.76	0.03	-0.48	0.01
26.44	0.46	173.73	0.05	-0.46	0.01
28.09	0.44	174.16	0.05	-0.44	0.00
29.73	0.41	173.75	0.05	-0.41	0.00
31.37	0.41	171.08	0.06	-0.40	0.00
33.01	0.40	169.39	0.07	-0.39	0.00
34.65	0.36	168.26	0.07	-0.35	0.00
36.29	0.35	165.95	0.09	-0.34	0.01
37.93	0.35	166.00	0.09	-0.34	0.00
39.57	0.34	163.60	0.10	-0.33	0.00
41.21	0.33	162.42	0.10	-0.31	0.00
42.85	0.31	158.71	0.11	-0.29	0.00
44.49	0.29	156.01	0.12	-0.27	0.00
46.13	0.26	154.44	0.11	-0.23	0.01



Sample Point 3	
Date	7/30/2003
Time	11:54
Lat	35.2313983
Long	-85.0768217
River Flow (cfs)	44100
River Stage (ft)	683.1
River Depth (ft)	22.3

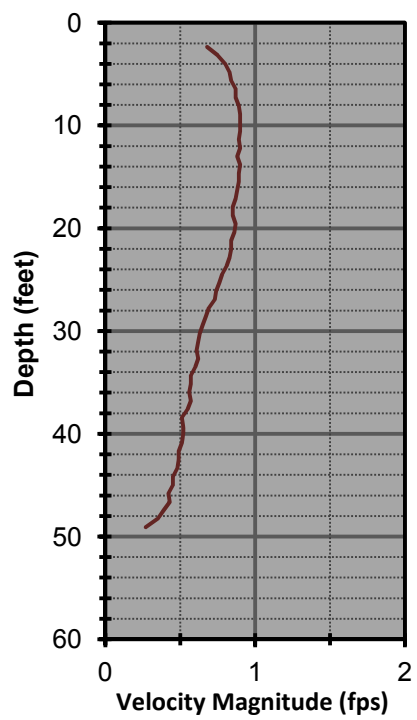
Depth (ft) (ft)	Velocity Magnitude (fps, horizontal)	Velocity Direction (deg)	Approx East Component (fps)	Approx North Component (fps)	Approx Vertical Component (fps)
3.48	0.43	175.04	0.04	-0.42	-0.02
5.12	0.43	173.13	0.05	-0.43	0.00
6.76	0.41	169.33	0.08	-0.40	0.00
8.40	0.37	169.26	0.07	-0.36	0.00
10.04	0.35	171.23	0.05	-0.34	0.00
11.68	0.33	174.21	0.03	-0.33	0.00
13.32	0.30	173.18	0.04	-0.30	0.00
14.96	0.25	174.23	0.03	-0.25	0.00
16.60	0.21	166.98	0.05	-0.21	0.00
18.24	0.20	165.35	0.05	-0.19	0.00
19.88	0.16	176.40	0.01	-0.16	0.00



Sample Point 4	
Date	7/30/2003
Time	14:06
Lat	35.2307933
Long	-85.0815667
River Flow (cfs)	44900
River Stage (ft)	683.1
River Depth (ft)	52.1

Depth (ft) (ft)	Velocity Magnitude (fps, horizontal)	Velocity Direction (deg)	Approx East Component (fps)	Approx North Component (fps)	Approx Vertical Component (fps)
2.34	0.68	185.12	-0.06	-0.68	-0.11
3.16	0.75	188.86	-0.11	-0.74	-0.10
3.98	0.80	190.79	-0.15	-0.79	-0.07
4.80	0.83	189.31	-0.13	-0.82	-0.05
5.62	0.84	190.03	-0.14	-0.82	-0.04
6.44	0.87	188.98	-0.13	-0.86	-0.04
7.26	0.87	188.31	-0.12	-0.86	-0.04
8.08	0.89	187.35	-0.11	-0.88	-0.05
8.90	0.90	185.29	-0.08	-0.90	-0.05
9.72	0.90	185.40	-0.09	-0.90	-0.05
10.54	0.90	185.66	-0.09	-0.90	-0.05
11.36	0.89	185.40	-0.09	-0.89	-0.04
12.18	0.90	186.87	-0.11	-0.89	-0.04
13.00	0.88	185.80	-0.09	-0.87	-0.05
13.82	0.90	186.18	-0.10	-0.89	-0.04
14.64	0.89	186.55	-0.10	-0.88	-0.04
15.46	0.89	186.10	-0.10	-0.89	-0.04
16.28	0.88	186.92	-0.10	-0.87	-0.04
17.10	0.87	185.69	-0.09	-0.86	-0.04
17.92	0.85	188.11	-0.12	-0.85	-0.04
18.74	0.85	187.21	-0.11	-0.84	-0.04
19.56	0.87	186.93	-0.10	-0.87	-0.04
20.38	0.86	187.41	-0.11	-0.85	-0.04
21.20	0.84	185.60	-0.08	-0.84	-0.04
22.02	0.84	185.73	-0.08	-0.83	-0.04
22.84	0.83	186.23	-0.09	-0.83	-0.04
23.66	0.81	186.31	-0.09	-0.81	-0.04
24.48	0.78	186.38	-0.09	-0.77	-0.04
25.30	0.76	186.52	-0.09	-0.75	-0.04
26.12	0.74	185.59	-0.07	-0.74	-0.04
26.94	0.73	187.16	-0.09	-0.72	-0.04
27.77	0.69	184.83	-0.06	-0.69	-0.04
28.59	0.67	183.55	-0.04	-0.67	-0.04
29.41	0.65	185.44	-0.06	-0.65	-0.04

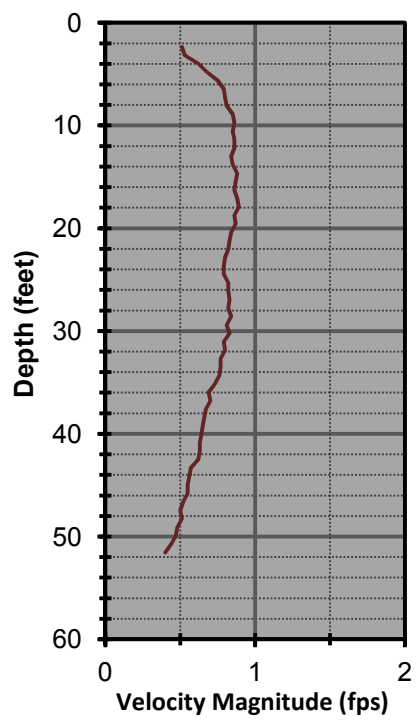
30.23	0.63	185.09	-0.06	-0.63	-0.04
31.05	0.62	185.89	-0.06	-0.62	-0.04
31.87	0.61	184.88	-0.05	-0.61	-0.04
32.69	0.62	183.97	-0.04	-0.62	-0.05
33.51	0.60	186.03	-0.06	-0.59	-0.04
34.33	0.57	186.42	-0.06	-0.56	-0.04
35.15	0.57	184.84	-0.05	-0.57	-0.04
35.97	0.56	184.33	-0.04	-0.56	-0.04
36.79	0.57	184.36	-0.04	-0.57	-0.04
37.61	0.55	185.71	-0.06	-0.54	-0.04
38.43	0.51	185.71	-0.05	-0.51	-0.04
39.25	0.52	185.73	-0.05	-0.51	-0.04
40.07	0.52	188.80	-0.08	-0.51	-0.04
40.89	0.51	189.09	-0.08	-0.51	-0.04
41.71	0.49	191.91	-0.10	-0.48	-0.04
42.53	0.49	192.84	-0.11	-0.48	-0.04
43.35	0.48	195.08	-0.12	-0.46	-0.04
44.17	0.45	194.89	-0.11	-0.44	-0.04
44.99	0.45	193.66	-0.11	-0.44	-0.04
45.81	0.42	194.50	-0.10	-0.40	-0.05
46.63	0.43	194.73	-0.11	-0.42	-0.04
47.45	0.39	197.30	-0.12	-0.37	-0.04
48.27	0.35	199.31	-0.11	-0.33	-0.05
49.09	0.27	189.92	-0.05	-0.27	0.00



Sample Point 5	
Date	7/30/2003
Time	15:57
Lat	35.2280433
Long	-85.0817117
River Flow (cfs)	44400
River Stage (ft)	683.1
River Depth (ft)	54.0

Depth (ft) (ft)	Velocity Magnitude (fps, horizontal)	Velocity Direction (deg)	Approx East Component (fps)	Approx North Component (fps)	Approx Vertical Component (fps)
2.34	0.51	185.31	-0.05	-0.51	-0.04
3.16	0.53	188.27	-0.08	-0.53	-0.04
3.98	0.62	186.25	-0.07	-0.62	-0.03
4.80	0.68	191.21	-0.13	-0.66	-0.02
5.62	0.75	193.66	-0.18	-0.73	-0.01
6.44	0.79	198.16	-0.25	-0.75	0.00
7.26	0.80	199.61	-0.27	-0.75	0.00
8.08	0.81	199.80	-0.28	-0.76	0.00
8.90	0.85	201.47	-0.31	-0.79	0.00
9.72	0.86	201.03	-0.31	-0.80	0.00
10.54	0.85	199.30	-0.28	-0.80	0.01
11.36	0.86	198.46	-0.27	-0.82	0.01
12.18	0.86	196.39	-0.24	-0.82	0.01
13.00	0.84	195.75	-0.23	-0.81	0.01
13.82	0.85	194.31	-0.21	-0.83	0.01
14.64	0.88	190.89	-0.17	-0.86	0.02
15.46	0.87	191.58	-0.17	-0.85	0.01
16.28	0.86	191.30	-0.17	-0.84	0.01
17.10	0.88	192.05	-0.18	-0.86	0.02
17.92	0.89	194.10	-0.22	-0.86	0.02
18.74	0.86	193.65	-0.20	-0.84	0.02
19.56	0.87	193.44	-0.20	-0.84	0.01
20.38	0.84	193.96	-0.20	-0.81	0.02
21.20	0.83	192.87	-0.18	-0.81	0.02
22.02	0.82	193.76	-0.20	-0.80	0.02
22.84	0.80	193.40	-0.19	-0.78	0.02
23.66	0.79	190.37	-0.14	-0.78	0.02
24.48	0.79	189.11	-0.12	-0.78	0.02
25.30	0.82	188.95	-0.13	-0.81	0.02
26.12	0.82	187.56	-0.11	-0.81	0.03
26.94	0.83	186.05	-0.09	-0.83	0.02
27.77	0.82	186.38	-0.09	-0.82	0.03
28.59	0.84	185.93	-0.09	-0.84	0.03
29.41	0.81	185.25	-0.08	-0.81	0.03

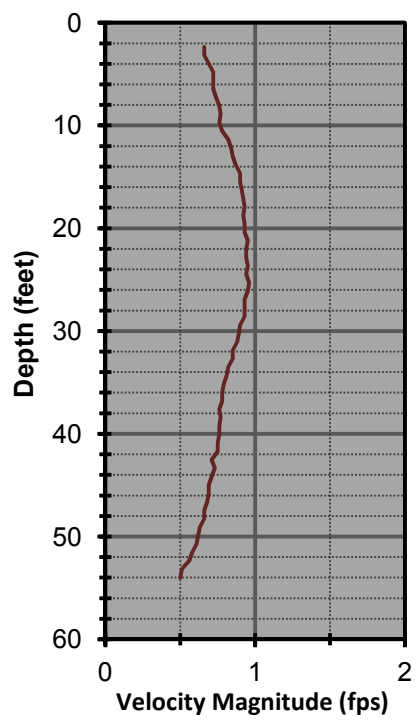
30.23	0.83	184.51	-0.07	-0.83	0.03
31.05	0.79	187.15	-0.10	-0.79	0.03
31.87	0.80	187.23	-0.10	-0.79	0.02
32.69	0.77	185.09	-0.07	-0.77	0.02
33.51	0.77	187.31	-0.10	-0.76	0.02
34.33	0.76	187.51	-0.10	-0.76	0.02
35.15	0.73	186.46	-0.08	-0.73	0.03
35.97	0.69	188.00	-0.10	-0.68	0.03
36.79	0.70	187.19	-0.09	-0.70	0.03
37.61	0.67	188.19	-0.10	-0.67	0.02
38.43	0.66	187.12	-0.08	-0.66	0.02
39.25	0.65	185.87	-0.07	-0.65	0.02
40.07	0.64	188.80	-0.10	-0.63	0.03
40.89	0.63	186.97	-0.08	-0.62	0.02
41.71	0.63	189.75	-0.10	-0.62	0.02
42.53	0.62	189.44	-0.10	-0.61	0.03
43.35	0.57	190.13	-0.10	-0.56	0.01
44.17	0.56	188.44	-0.08	-0.55	0.02
44.99	0.55	188.51	-0.08	-0.54	0.02
45.81	0.55	189.01	-0.09	-0.54	0.03
46.63	0.52	191.47	-0.10	-0.51	0.02
47.45	0.50	190.11	-0.09	-0.49	0.02
48.27	0.51	189.69	-0.09	-0.50	0.02
49.09	0.48	191.82	-0.10	-0.47	0.02
49.91	0.47	192.17	-0.10	-0.46	0.02
50.73	0.44	195.37	-0.11	-0.42	0.02
51.55	0.40	187.87	-0.06	-0.39	0.02



Sample Point 6	
Date	7/31/2003
Time	8:58
Lat	35.222510
Long	-85.081965
River Flow (cfs)	47200
River Stage (ft)	683.2
River Depth (ft)	56.2

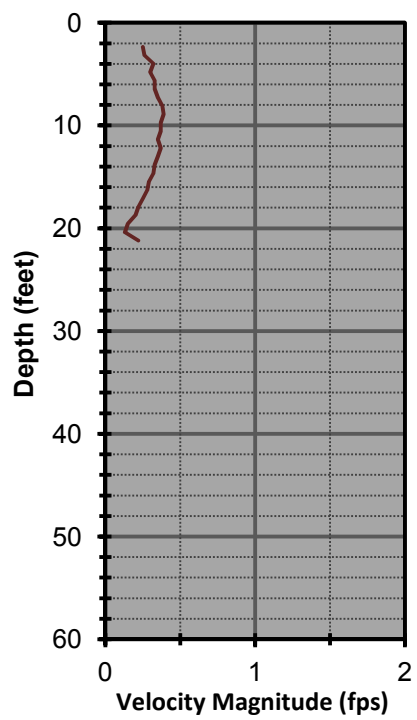
Depth (ft) (ft)	Velocity Magnitude (fps, horizontal)	Velocity Direction (deg)	Approx East Component (fps)	Approx North Component (fps)	Approx Vertical Component (fps)
2.34	0.66	200.63	-0.23	-0.62	-0.04
3.16	0.66	201.71	-0.24	-0.61	-0.03
3.98	0.69	200.90	-0.25	-0.64	-0.01
4.80	0.72	201.73	-0.27	-0.67	-0.01
5.62	0.72	200.52	-0.25	-0.68	0.00
6.44	0.72	199.78	-0.25	-0.68	0.01
7.26	0.74	199.64	-0.25	-0.70	0.02
8.08	0.76	201.76	-0.28	-0.71	0.01
8.90	0.77	201.31	-0.28	-0.72	0.01
9.72	0.76	198.11	-0.24	-0.73	0.01
10.54	0.78	198.73	-0.25	-0.73	0.01
11.36	0.82	197.99	-0.26	-0.78	0.02
12.18	0.84	198.13	-0.26	-0.80	0.01
13.00	0.85	196.70	-0.25	-0.82	0.02
13.82	0.87	196.51	-0.25	-0.83	0.02
14.64	0.90	196.66	-0.26	-0.86	0.02
15.46	0.90	194.96	-0.23	-0.87	0.02
16.28	0.91	194.16	-0.22	-0.89	0.02
17.10	0.92	193.36	-0.21	-0.89	0.02
17.92	0.93	193.83	-0.22	-0.90	0.02
18.74	0.92	192.21	-0.19	-0.90	0.02
19.56	0.93	192.54	-0.20	-0.90	0.02
20.38	0.93	192.09	-0.19	-0.91	0.02
21.20	0.95	191.64	-0.19	-0.93	0.02
22.02	0.94	192.03	-0.20	-0.92	0.02
22.84	0.94	191.97	-0.20	-0.92	0.02
23.66	0.95	192.43	-0.20	-0.93	0.02
24.48	0.94	191.02	-0.18	-0.92	0.02
25.30	0.96	191.87	-0.20	-0.94	0.02
26.12	0.95	191.10	-0.18	-0.93	0.02
26.94	0.93	190.90	-0.18	-0.92	0.02
27.77	0.93	191.40	-0.18	-0.91	0.02
28.59	0.93	191.24	-0.18	-0.92	0.02
29.41	0.90	190.56	-0.16	-0.88	0.01

30.23	0.89	191.89	-0.18	-0.87	0.01
31.05	0.88	192.61	-0.19	-0.86	0.01
31.87	0.85	191.60	-0.17	-0.83	0.01
32.69	0.85	192.36	-0.18	-0.83	0.01
33.51	0.82	193.50	-0.19	-0.79	0.01
34.33	0.81	192.61	-0.18	-0.79	0.01
35.15	0.79	193.19	-0.18	-0.77	0.01
35.97	0.78	191.50	-0.15	-0.76	0.01
36.79	0.78	192.42	-0.17	-0.76	0.01
37.61	0.76	191.83	-0.16	-0.75	0.01
38.43	0.77	192.17	-0.16	-0.75	0.01
39.25	0.76	192.39	-0.16	-0.74	0.01
40.07	0.76	191.43	-0.15	-0.74	0.01
40.89	0.75	189.82	-0.13	-0.74	0.01
41.71	0.75	189.87	-0.13	-0.73	0.01
42.53	0.71	191.19	-0.14	-0.70	0.02
43.35	0.73	190.98	-0.14	-0.71	0.01
44.17	0.71	191.16	-0.14	-0.70	0.01
44.99	0.69	190.88	-0.13	-0.68	0.00
45.81	0.69	189.39	-0.11	-0.69	0.01
46.63	0.68	189.58	-0.11	-0.67	0.01
47.45	0.66	190.24	-0.12	-0.65	0.00
48.27	0.66	191.66	-0.13	-0.65	0.01
49.09	0.63	191.05	-0.12	-0.62	0.01
49.91	0.62	189.15	-0.10	-0.61	0.01
50.73	0.61	188.64	-0.09	-0.60	0.00
51.55	0.58	190.06	-0.10	-0.57	0.01
52.37	0.56	188.69	-0.09	-0.55	0.01
53.19	0.51	184.65	-0.04	-0.51	0.00
54.01	0.50	178.18	0.02	-0.50	0.02



Sample Point 7	
Date	7/31/2003
Time	10:07
Lat	35.215705
Long	-85.081335
River Flow (cfs)	47300
River Stage (ft)	683.2
River Depth (ft)	22.7

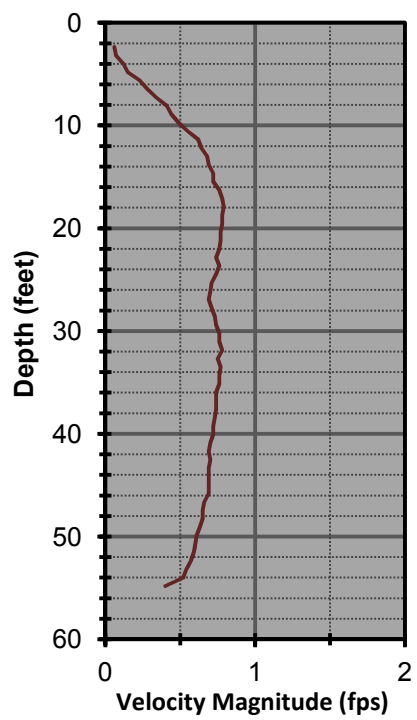
Depth (ft) (ft)	Velocity Magnitude (fps, horizontal)	Velocity Direction (deg)	Approx East Component (fps)	Approx North Component (fps)	Approx Vertical Component (fps)
2.34	0.25	249.14	-0.23	-0.09	-0.01
3.16	0.26	243.41	-0.24	-0.12	0.00
3.98	0.32	239.23	-0.28	-0.16	0.02
4.80	0.30	236.21	-0.25	-0.16	0.03
5.62	0.33	233.37	-0.27	-0.20	0.04
6.44	0.33	223.98	-0.23	-0.24	0.04
7.26	0.35	224.49	-0.25	-0.25	0.05
8.08	0.38	218.40	-0.24	-0.30	0.04
8.90	0.39	215.40	-0.23	-0.32	0.04
9.72	0.37	212.01	-0.20	-0.31	0.04
10.54	0.37	210.75	-0.19	-0.32	0.04
11.36	0.35	205.63	-0.15	-0.32	0.03
12.18	0.37	204.06	-0.15	-0.34	0.04
13.00	0.35	201.98	-0.13	-0.32	0.04
13.82	0.33	205.43	-0.14	-0.30	0.04
14.64	0.32	204.86	-0.13	-0.29	0.03
15.46	0.29	204.44	-0.12	-0.27	0.03
16.28	0.28	200.19	-0.10	-0.26	0.03
17.10	0.25	201.58	-0.09	-0.23	0.03
17.92	0.22	203.04	-0.09	-0.21	0.03
18.74	0.20	205.02	-0.08	-0.18	0.04
19.56	0.15	210.62	-0.08	-0.13	0.03
20.38	0.13	210.49	-0.07	-0.11	0.02
21.20	0.22	339.14	-0.08	0.21	0.32



Sample Point 8	
Date	7/31/2003
Time	10:55
Lat	35.2174417
Long	-85.0844610
River Flow (cfs)	45000
River Stage (ft)	683.3
River Depth (ft)	58.3

Depth (ft) (ft)	Velocity Magnitude (fps, horizontal)	Velocity Direction (deg)	Approx East Component (fps)	Approx North Component (fps)	Approx Vertical Component (fps)
2.34	0.06	136.77	0.04	-0.04	-0.05
3.16	0.07	177.19	0.00	-0.07	-0.05
3.98	0.12	195.84	-0.03	-0.11	-0.03
4.80	0.15	196.22	-0.04	-0.15	-0.02
5.62	0.23	207.83	-0.11	-0.21	-0.02
6.44	0.28	208.63	-0.13	-0.25	-0.02
7.26	0.34	208.77	-0.16	-0.30	-0.01
8.08	0.41	210.38	-0.21	-0.35	-0.01
8.90	0.44	210.50	-0.22	-0.38	-0.01
9.72	0.49	210.64	-0.25	-0.43	-0.01
10.54	0.55	211.03	-0.29	-0.47	-0.01
11.36	0.62	209.72	-0.31	-0.54	-0.01
12.18	0.64	210.51	-0.32	-0.55	-0.01
13.00	0.68	208.45	-0.32	-0.60	0.00
13.82	0.69	209.15	-0.34	-0.60	-0.01
14.64	0.72	208.41	-0.34	-0.63	-0.01
15.46	0.72	208.26	-0.34	-0.64	-0.01
16.28	0.76	207.53	-0.35	-0.67	-0.01
17.10	0.78	208.11	-0.37	-0.69	-0.01
17.92	0.79	208.13	-0.37	-0.70	-0.01
18.74	0.78	207.72	-0.36	-0.70	-0.01
19.56	0.78	208.11	-0.37	-0.69	-0.02
20.38	0.77	208.76	-0.37	-0.68	-0.02
21.20	0.77	209.38	-0.38	-0.67	-0.02
22.02	0.76	207.66	-0.35	-0.67	-0.02
22.84	0.74	209.66	-0.36	-0.64	-0.01
23.66	0.76	207.75	-0.35	-0.68	-0.01
24.48	0.74	207.43	-0.34	-0.66	-0.01
25.30	0.71	205.63	-0.31	-0.64	-0.01
26.12	0.70	204.89	-0.30	-0.63	-0.01
26.94	0.69	202.58	-0.27	-0.64	-0.01
27.77	0.71	204.32	-0.29	-0.64	0.00
28.59	0.73	202.53	-0.28	-0.68	-0.01
29.41	0.74	203.40	-0.29	-0.68	-0.01

30.23	0.76	202.94	-0.30	-0.70	-0.01
31.05	0.76	204.77	-0.32	-0.69	-0.02
31.87	0.78	207.72	-0.36	-0.69	-0.02
32.69	0.75	207.35	-0.34	-0.67	-0.02
33.51	0.77	209.53	-0.38	-0.67	-0.02
34.33	0.76	208.69	-0.36	-0.67	-0.02
35.15	0.76	207.97	-0.36	-0.68	-0.02
35.97	0.74	208.32	-0.35	-0.66	-0.02
36.79	0.74	210.11	-0.37	-0.64	-0.02
37.61	0.74	211.54	-0.39	-0.63	-0.02
38.43	0.73	212.19	-0.39	-0.62	-0.02
39.25	0.72	212.27	-0.38	-0.61	-0.02
40.07	0.72	212.25	-0.38	-0.61	-0.02
40.89	0.70	211.05	-0.36	-0.60	-0.02
41.71	0.69	211.47	-0.36	-0.59	-0.02
42.53	0.70	212.29	-0.37	-0.59	-0.02
43.35	0.69	212.16	-0.37	-0.58	-0.01
44.17	0.69	212.80	-0.37	-0.58	-0.02
44.99	0.69	213.72	-0.38	-0.57	-0.02
45.81	0.69	214.52	-0.39	-0.57	-0.02
46.63	0.66	213.42	-0.36	-0.55	-0.02
47.45	0.65	212.07	-0.34	-0.55	-0.01
48.27	0.65	213.16	-0.35	-0.54	-0.02
49.09	0.63	214.73	-0.36	-0.52	-0.02
49.91	0.61	214.60	-0.35	-0.51	-0.02
50.73	0.60	215.02	-0.34	-0.49	-0.02
51.55	0.59	217.24	-0.36	-0.47	-0.02
52.37	0.57	217.98	-0.35	-0.45	-0.02
53.19	0.54	218.05	-0.33	-0.42	-0.02
54.01	0.52	216.21	-0.31	-0.42	-0.02
54.83	0.40	217.87	-0.24	-0.31	-0.05



Sample Point 9	
Date	7/31/2003
Time	15:01
Lat	35.2125067
Long	-85.0916983
River Flow (cfs)	44300
River Stage (ft)	683.3
River Depth (ft)	60.0

Depth (ft) (ft)	Velocity Magnitude (fps, horizontal)	Velocity Direction (deg)	Approx East Component (fps)	Approx North Component (fps)	Approx Vertical Component (fps)
2.34	0.97	243.86	-0.87	-0.43	0.01
3.16	0.98	244.14	-0.88	-0.43	0.02
3.98	1.00	243.08	-0.89	-0.45	0.03
4.80	0.96	242.96	-0.86	-0.44	0.03
5.62	0.97	242.97	-0.86	-0.44	0.04
6.44	0.99	241.87	-0.87	-0.47	0.05
7.26	0.99	242.12	-0.88	-0.46	0.04
8.08	0.99	240.32	-0.86	-0.49	0.02
8.90	0.96	241.75	-0.85	-0.45	0.03
9.72	0.98	240.68	-0.85	-0.48	0.03
10.54	0.97	240.68	-0.85	-0.48	0.04
11.36	0.98	238.76	-0.84	-0.51	0.04
12.18	0.98	239.71	-0.85	-0.49	0.04
13.00	0.96	238.81	-0.83	-0.50	0.05
13.82	0.97	238.57	-0.83	-0.51	0.05
14.64	0.97	238.25	-0.82	-0.51	0.05
15.46	0.98	236.64	-0.82	-0.54	0.04
16.28	0.96	236.53	-0.80	-0.53	0.05
17.10	0.96	238.19	-0.82	-0.51	0.05
17.92	0.98	236.55	-0.81	-0.54	0.05
18.74	0.97	239.90	-0.84	-0.49	0.05
19.56	0.97	239.42	-0.83	-0.49	0.06
20.38	0.96	237.78	-0.81	-0.51	0.05
21.20	0.96	238.61	-0.82	-0.50	0.06
22.02	0.94	240.50	-0.82	-0.46	0.06
22.84	0.96	241.21	-0.84	-0.46	0.06
23.66	0.96	239.42	-0.83	-0.49	0.06
24.48	0.97	241.08	-0.85	-0.47	0.06
25.30	0.98	243.06	-0.87	-0.44	0.07
26.12	0.98	241.65	-0.86	-0.47	0.07
26.94	0.98	241.97	-0.87	-0.46	0.07
27.77	0.98	242.68	-0.87	-0.45	0.07
28.59	0.97	243.67	-0.87	-0.43	0.07
29.41	1.01	243.40	-0.90	-0.45	0.07

30.23	0.97	245.52	-0.88	-0.40	0.07
31.05	1.00	245.24	-0.91	-0.42	0.07
31.87	1.02	246.41	-0.94	-0.41	0.07
32.69	1.01	247.02	-0.93	-0.39	0.07
33.51	1.01	249.24	-0.94	-0.36	0.08
34.33	1.01	249.44	-0.94	-0.35	0.07
35.15	0.99	249.97	-0.93	-0.34	0.07
35.97	1.04	250.42	-0.98	-0.35	0.07
36.79	1.01	251.25	-0.95	-0.32	0.07
37.61	1.01	252.71	-0.97	-0.30	0.07
38.43	1.03	254.39	-0.99	-0.28	0.07
39.25	1.02	255.41	-0.98	-0.26	0.08
40.07	1.00	257.30	-0.97	-0.22	0.07
40.89	0.99	257.88	-0.97	-0.21	0.07
41.71	1.00	260.21	-0.99	-0.17	0.07
42.53	1.00	259.85	-0.98	-0.18	0.06
43.35	0.99	263.02	-0.98	-0.12	0.07
44.17	0.99	264.22	-0.99	-0.10	0.07
44.99	0.98	264.43	-0.98	-0.10	0.07
45.81	1.01	265.08	-1.01	-0.09	0.07
46.63	1.02	266.08	-1.02	-0.07	0.07
47.45	1.02	266.45	-1.02	-0.06	0.07
48.27	1.02	267.01	-1.02	-0.05	0.07
49.09	1.04	268.57	-1.04	-0.03	0.07
49.91	1.06	268.44	-1.06	-0.03	0.07
50.73	1.07	269.24	-1.07	-0.01	0.07
51.55	1.05	269.82	-1.05	0.00	0.07
52.37	1.01	271.75	-1.01	0.03	0.07
53.19	0.97	271.67	-0.97	0.03	0.07
54.01	0.94	273.11	-0.94	0.05	0.07
54.83	0.93	273.38	-0.93	0.06	0.07
55.65	0.84	271.85	-0.84	0.03	0.05
56.47	0.57	270.35	-0.57	0.00	0.02
57.29	0.30	269.90	-0.30	0.00	0.00
58.11	0.20	147.52	0.11	-0.17	-1.16

