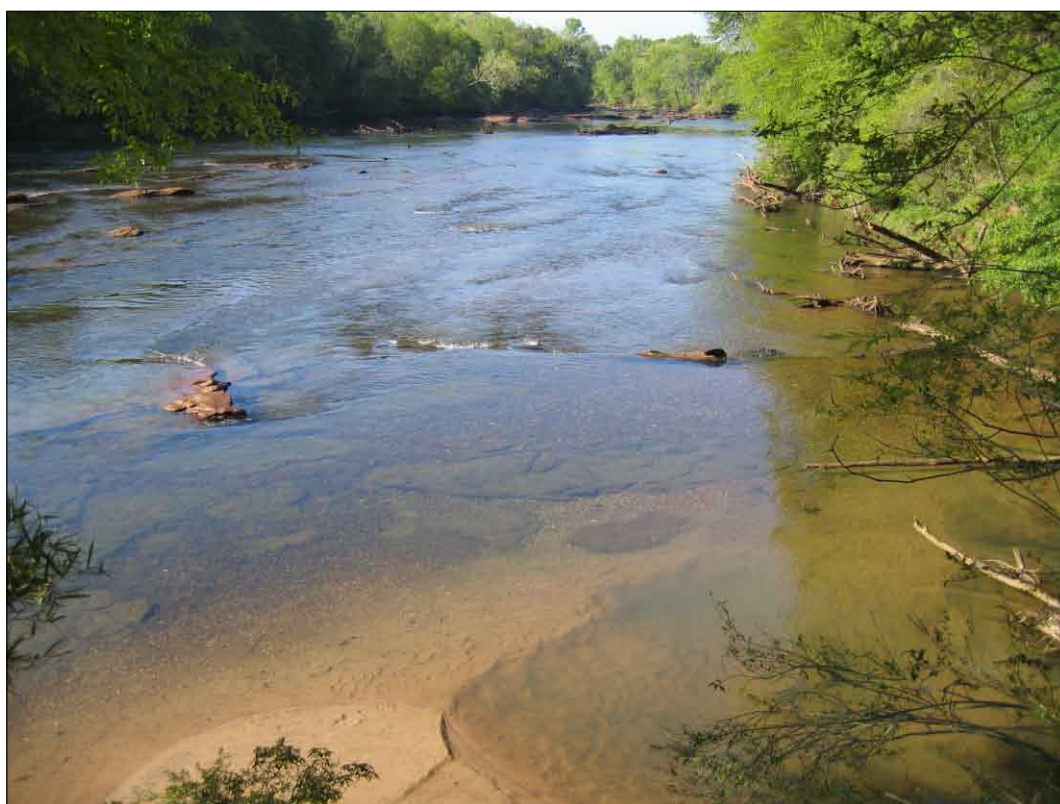


Cross-Sectional Data for Selected Reaches of the Chattahoochee River within the Chattahoochee River National Recreation Area, Georgia, 2004



Data Series 219

Prepared in cooperation with the
National Park Service
Chattahoochee River National Recreation Area

U.S. Department of the Interior
U.S. Geological Survey

Cover photograph: Chattahoochee River below Buford Dam, Forsyth County, Georgia
Photograph by Alan M. Cressler, U.S. Geological Survey, May 2005

Cross-Sectional Data for Selected Reaches of the Chattahoochee River within the Chattahoochee River National Recreation Area, Georgia, 2004

By Melinda S. Dalton

Prepared in cooperation with the
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Data Series 219

**U.S. Department of the Interior
U.S. Geological Survey**

U.S. Department of the Interior
DIRK KEMPTHORNE, Secretary

U.S. Geological Survey
Mark D. Myers, Director

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Vertical and Horizontal Datums

Vertical coordinate information is referenced to the North American Vertical Datum of 1988 (NAVD 88). Historical data collected and stored as National Geodetic Vertical Datum of 1929 have been converted to NAVD 88 for this publication.

Horizontal coordinate information is referenced to the North American Datum of 1983 (NAD 83). Historical data collected and stored as North American Datum 1927 have been converted to NAD 83 for this publication.

Altitude, as used in this report, refers to distance above the vertical datum.

Cross-Sectional Data for Selected Reaches of the Chattahoochee River within the Chattahoochee River National Recreation Area, Georgia, 2004

By Melinda S. Dalton

Abstract

This report presents hydrologic data for selected reaches of the Chattahoochee River within the Chattahoochee River National Recreation Area (CRNRA). Data about transect location, width, depth, and velocity of flow for selected reaches of the river are presented in tabular form. The tables contain measurements collected from shoal and run habitats identified as critical sites for the CRNRA. In shoal habitats, measurements were collected while wading using a digital flowmeter and laser range finder. In run habitats, measurements were collected using acoustic Doppler current profiling. Fifty-three transects were established in six reaches throughout the CRNRA; 24 in shoal habitat, 26 in run habitat, and 3 in pool habitat.

Illustrations in this report contain information about study area location, hydrology, transect locations, and cross-sectional information. A study area location figure is followed by figures identifying locations of transects within each individual reach. Cross-sectional information is presented for each transect, by reach, in a series of graphs.

The data presented herein can be used to complete preliminary habitat assessments for the Chattahoochee River within the CRNRA. These preliminary assessments can be used to identify reaches of concern for future impacts associated with continual development in the Metropolitan Atlanta area and potential water allocation agreements between Georgia, Florida, and Alabama.

Introduction

The Chattahoochee River National Recreation Area (CRNRA) consists of a series of 15 park units along a 48-mile stretch of the Chattahoochee River from Buford Dam at Lake Sidney Lanier to the city of Atlanta (fig. 1). The area surrounding the CRNRA is undergoing tremendous growth and development, as is most of Metropolitan Atlanta. Currently, the National Park Service (NPS) is concerned with potential impacts to river conditions within the CRNRA that may arise

from the water-allocation negotiations between Georgia, Florida, and Alabama for the Apalachicola–Chattahoochee–Flint (ACF) River Basin. In addition, development has resulted in potentially serious problems for fish and invertebrate communities from increased sedimentation and associated contamination in the tributaries and mainstem of the Chattahoochee River. The NPS has identified the need to assess the potential biological impacts of the alternatives considered in the ACF-allocation negotiations, as well as continued development in Metropolitan Atlanta (Chattahoochee River National Recreation Area, 2004). Previous studies have been conducted within the CRNRA to assess biological impacts to changes in river flow (Nestler and others, 1985); however, these studies have become outdated and do not address the increased development in the Atlanta area (U.S. Army Corps of Engineers, accessed March 24, 2005, at <http://lanier.sam.usace.army.mil/>) or the full range of conditions that may result from various proposed allocation agreements and water-management schemes. During 2003, the NPS requested that the U.S. Geological Survey collect the data necessary to determine current habitat conditions in selected reaches of the CRNRA that could be used in conjunction with modeling to predict habitat conditions under different flow-management scenarios.

Purpose and Scope

This report presents hydrologic data for selected reaches of the Chattahoochee River within the CRNRA, a 48-mile stretch of river comprising 15 units from Buford Dam at Lake Sidney Lanier to the city of Atlanta. These data were collected during the summer of 2004. Data compiled in this report include measurements of width, depth, and velocity of 53 transects at six reaches deemed to be critical sites for fish habitat and recreation by the NPS. Twenty-four of these transects are in shoal habitats, 26 are in run habitats, and 3 are in pool habitats. Only one reach is located downstream of Morgan Falls Dam.

The data contained in this report will be available for use in conjunction with modeling of flow-management scenarios to assess the impacts of proposed water management alternatives to sensitive areas of the Chattahoochee River within the CRNRA.

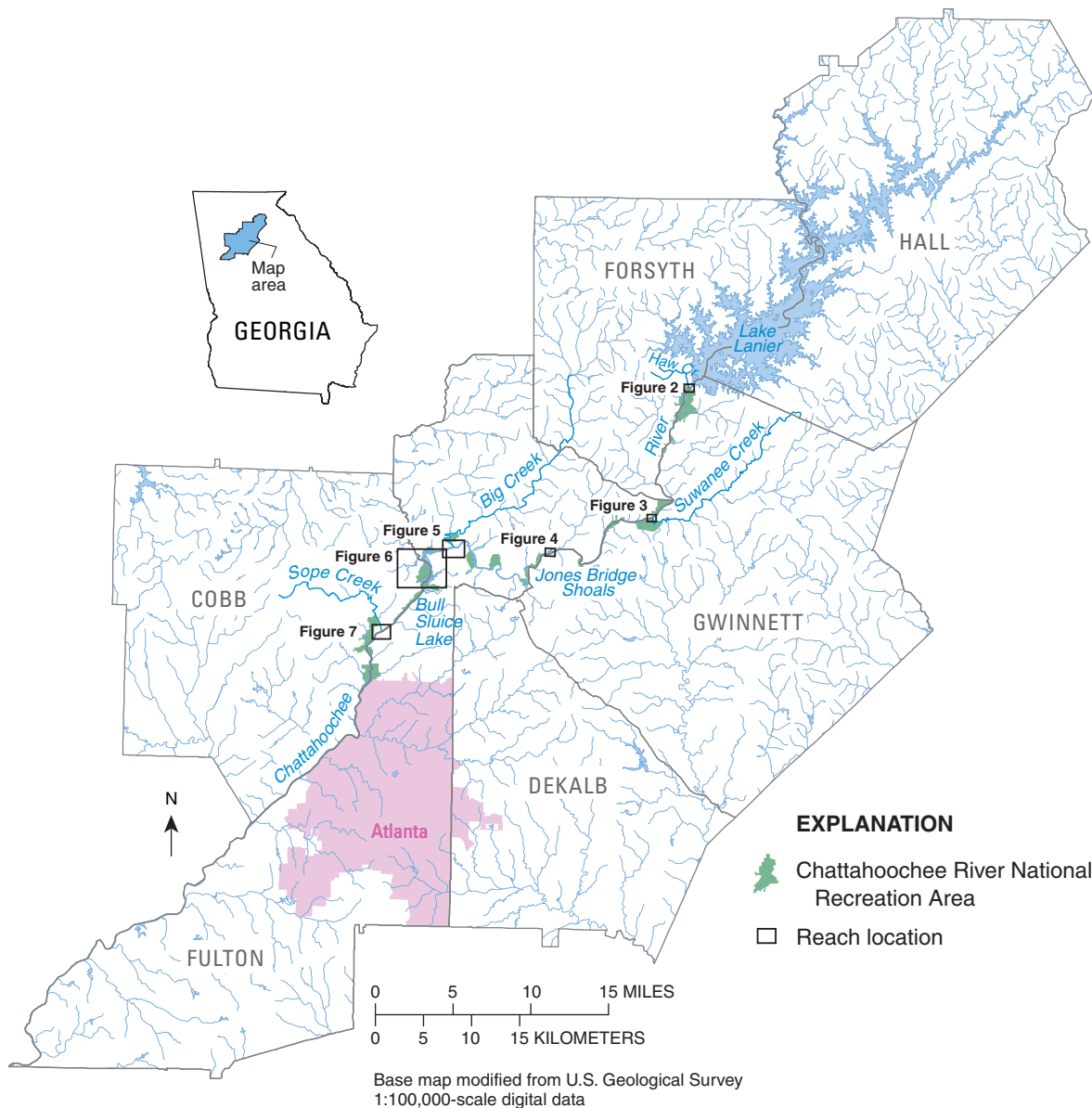


Figure 1. Location of reaches along the Chattahoochee River selected for data collection: Haw Creek confluence, Suwanee Creek confluence, Jones Bridge Shoals, Big Creek confluence, Bull Sluice Lake, and Sope Creek confluence (transects shown in figures 2–7).

Location and Hydrology

The CRNRA encompasses 15 park units within a 48-mile stretch of the Chattahoochee River from Buford Dam at Lake Sidney Lanier to just north of the city of Atlanta. Most of the CRNRA lies within the boundaries of what is generally considered Metropolitan Atlanta (fig. 1). Lake Sidney Lanier was formed during the mid-1950s with the construction of Buford Dam on the Chattahoochee River. The reservoir's main function is flood control, but also it provides power production, water supply, navigation, and recreation for the Atlanta metropolitan area (U.S. Army Corps of Engineers, accessed March 24, 2005, at <http://lanier.sam.usace.army.mil/>).

Reaches were selected based on several evaluation criteria: temperature, altitude, channel characteristics, fish populations, and recreational opportunities. Ideal reach locations would represent the major water temperature regimes and altitude gradient ranges, areas likely to experience the greatest impact from altered flows, reaches containing major fish habitat types, reaches affected by the thermal variation produced via the regulation of Buford Dam and tributary flow, and major recreational areas on the Chattahoochee River within the CRNRA. Six reaches were selected for data collection from a list of those deemed of critical importance by the NPS (Kevin G. Cheri, Superintendent, Chattahoochee River National Recreation Area, National Park Service, written commun., 2003): Haw

Creek confluence (fig. 2), Suwanee Creek confluence (fig. 3), Jones Bridge Shoals (fig. 4), Big Creek confluence (fig. 5), Bull Sluice Lake (fig. 6), and Sope Creek confluence (fig. 7).

Haw Creek confluence (fig. 2, 14 transects) is comprised mostly of shoal habitat interspersed with runs, whereas the Jones Bridge Shoals site (fig. 4, 10 transects) is comprised completely of shoal habitat; both sites are used extensively for recreational trout fishing. The Haw Creek site was selected because of its proximity to Buford Dam and associated sensitivity to water releases. The Jones Bridge Shoals site was selected because habitat is affected by altered flow patterns and it is in the milder water temperature regime.

Although several tributaries drain into the Chattahoochee River downstream of Haw Creek, the NPS is most concerned with the contribution of flows from Suwanee (fig. 3, 8 transects) Big Creek (fig. 5, 6 transects), and Sope Creek (fig. 7,

7 transects), which are sites comprised entirely of run habitat and within close proximity to rapidly-developing areas of Metropolitan Atlanta. The Suwanee Creek confluence reach was selected because of its potential native fish populations and adjacent wetlands. The Big Creek confluence reach was selected because of its potential native fish populations and extensive recreational use. The Sope Creek confluence reach was selected because it is known to support native fish populations and is below Morgan Falls Dam in the warmer water temperature regime. Bull Sluice Lake (fig. 6, 7 transects), formed by Morgan Falls Dam, consists of run habitat and pool habitat and was selected because it is located at the major temperature break on the river; it also incorporates artificial fish and wetland habitat and is very important recreationally. Sope Creek is the only site where hydrologic data were collected that is downstream of Morgan Falls Dam.

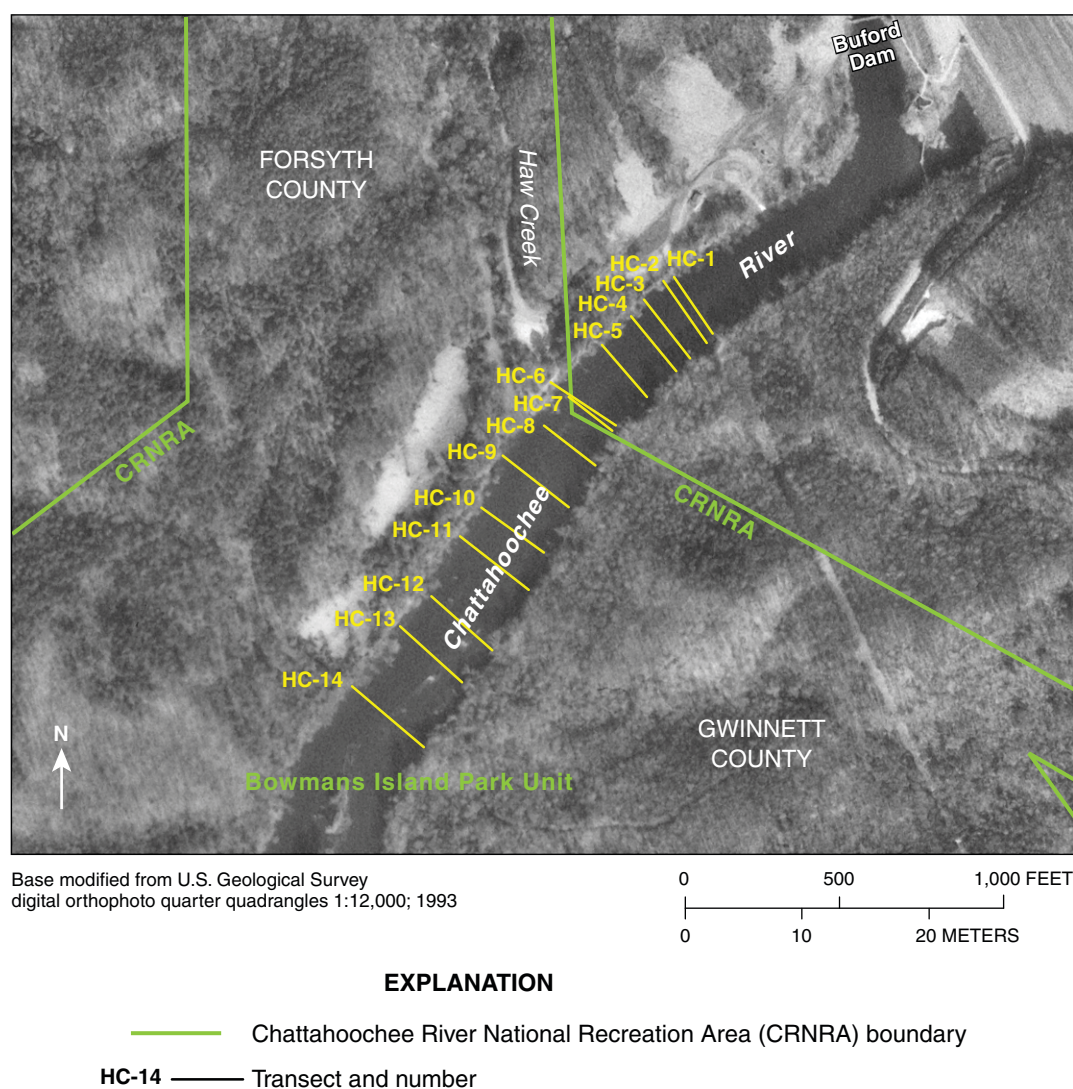
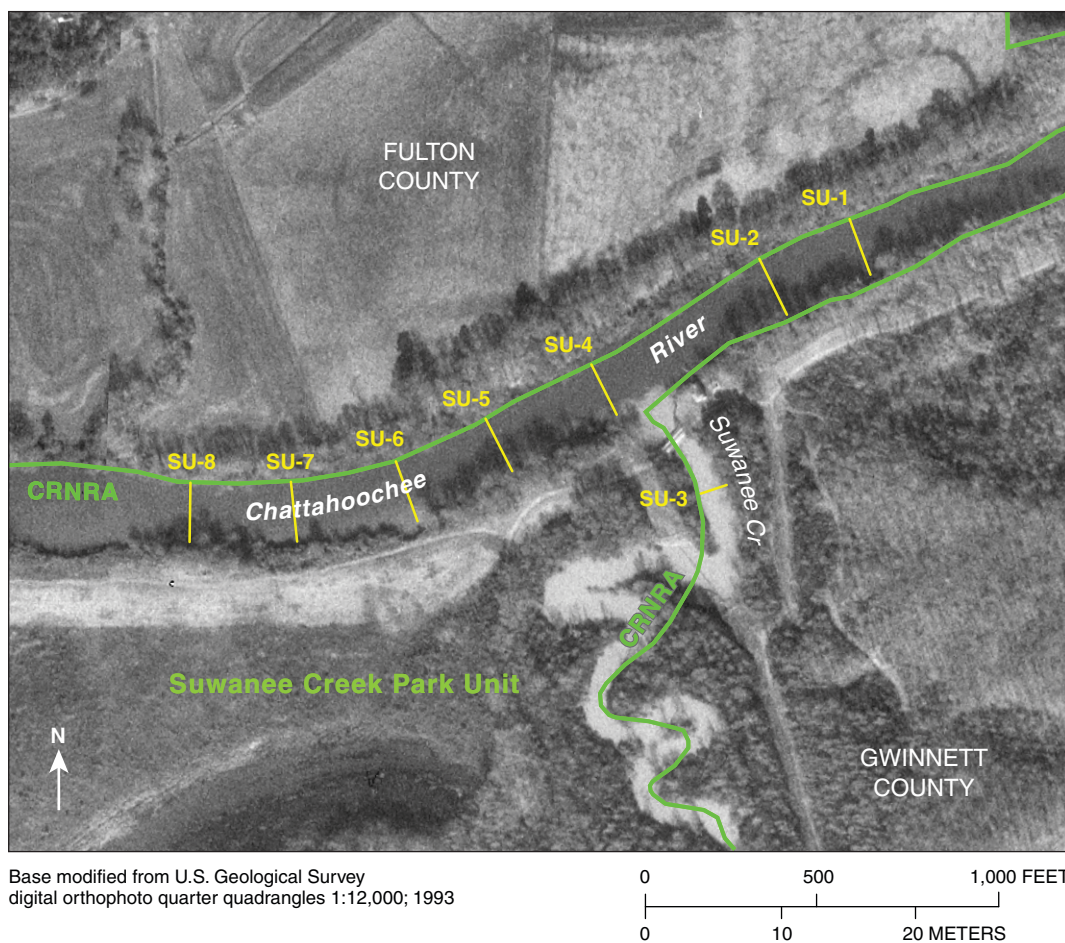


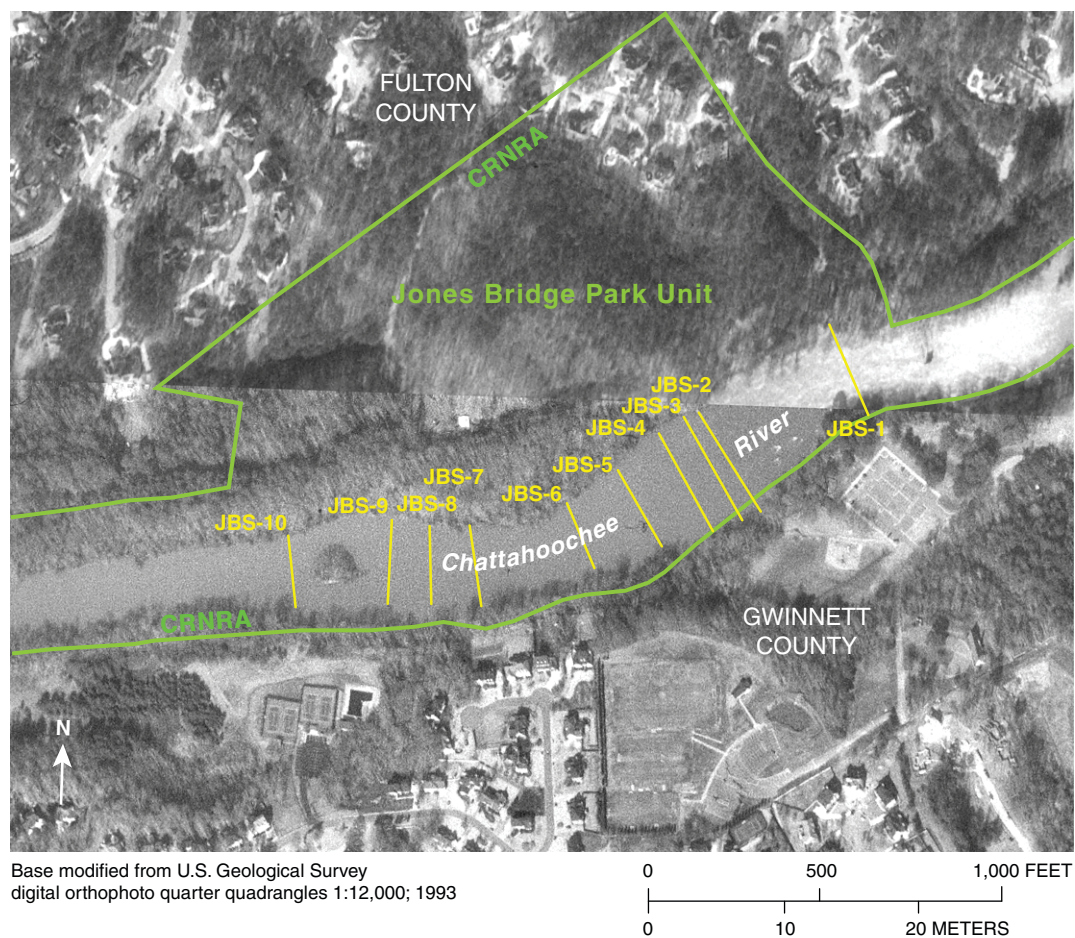
Figure 2. Location of transects at the confluence of Haw Creek with the Chattahoochee River, near Bowmans Island Park Unit (location shown in figure 1).



EXPLANATION

- Chattahoochee River National Recreation Area (CRNRA) boundary
- SU-8** — Transect and number

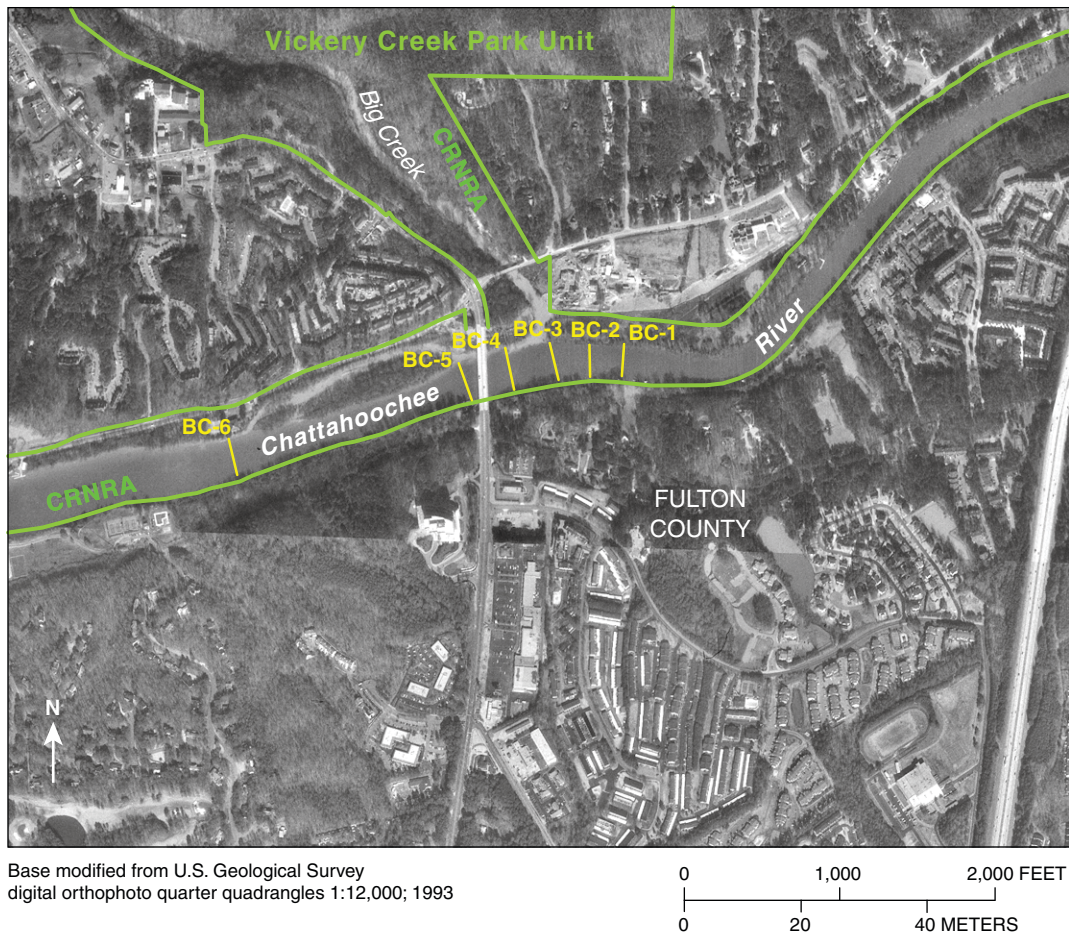
Figure 3. Location of transects at the confluence of Suwanee Creek with the Chattahoochee River, near Suwanee Creek Park Unit (location shown in figure 1).



EXPLANATION

- Chattahoochee River National Recreation Area (CRNRA) boundary
- JBS-10** — Transect and number

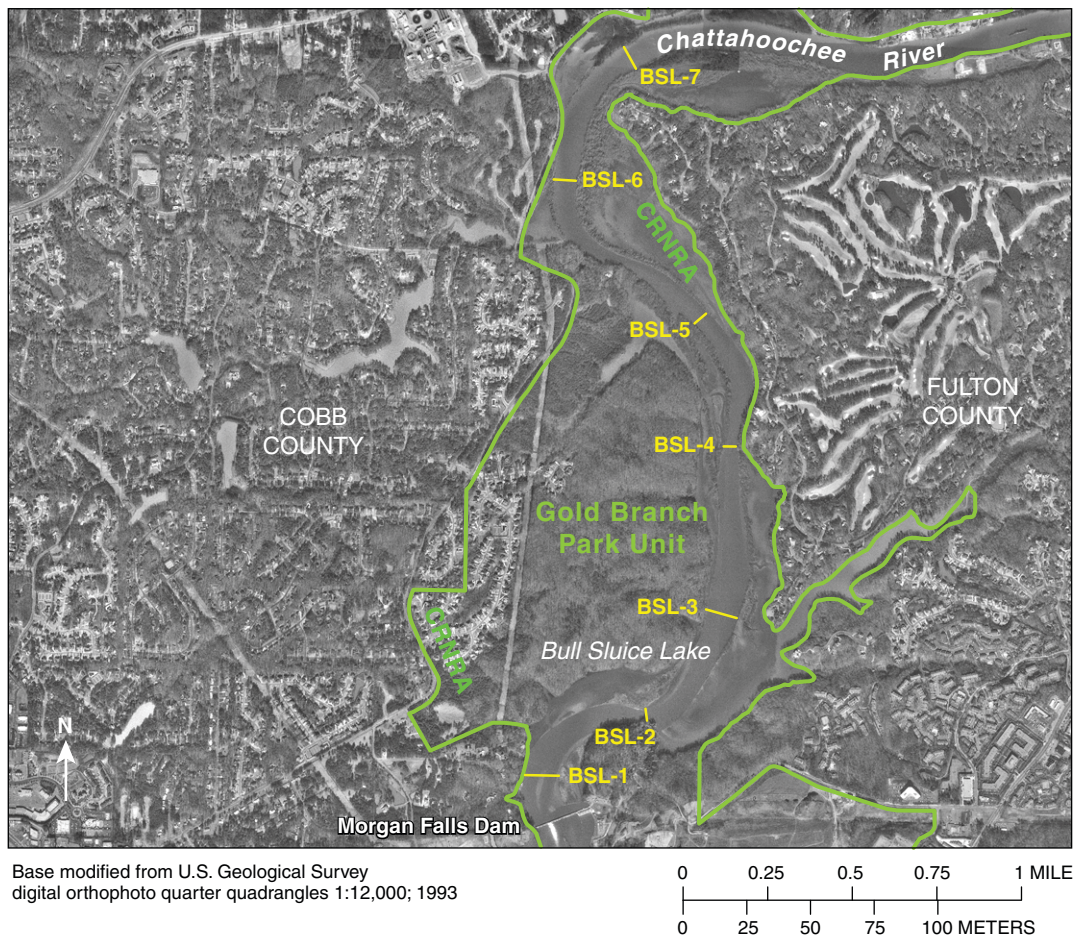
Figure 4. Location of transects at Jones Bridge Shoals along the Chattahoochee River, near Jones Bridge Park Unit (location shown in figure 1).



EXPLANATION

- Chattahoochee River National Recreation Area (CRNRA) boundary
- BC-6** — Transect and number

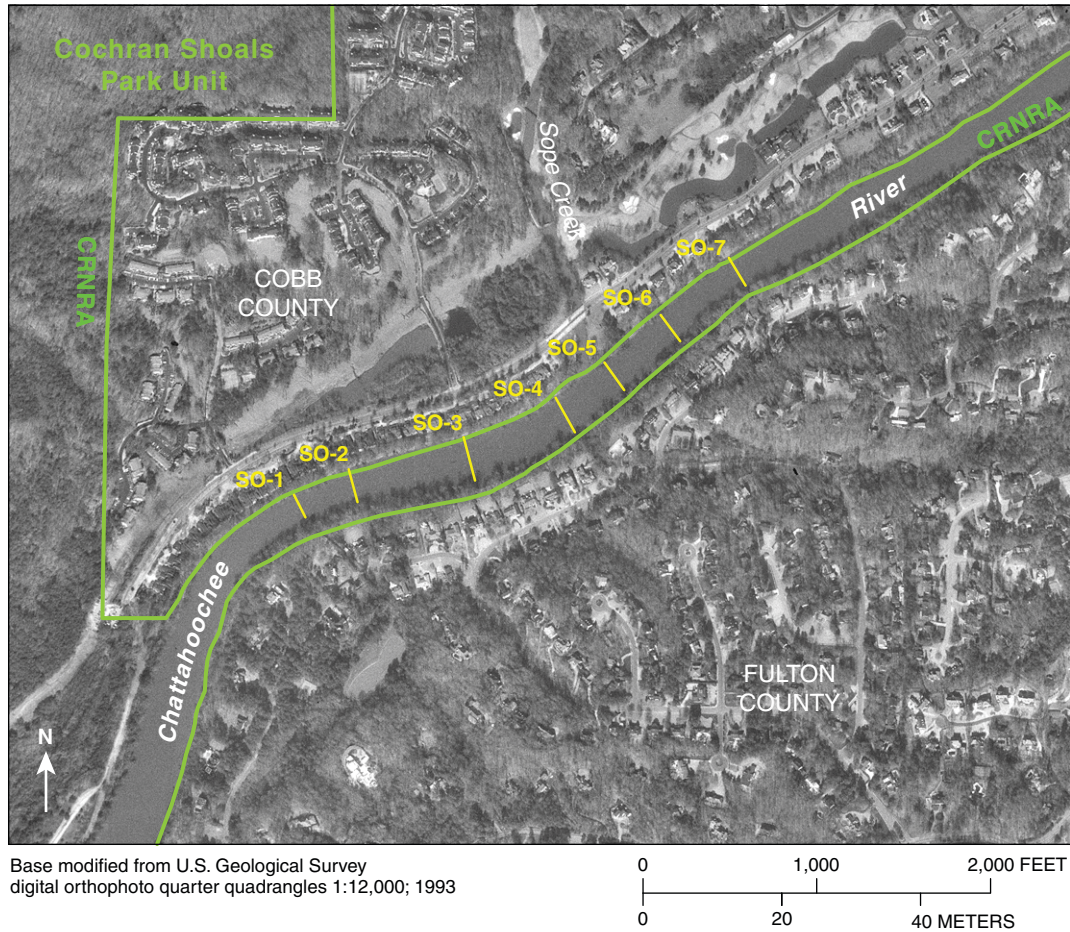
Figure 5. Location of transects at the confluence of Big Creek with the Chattahoochee River, near Vickery Creek Park Unit (location shown in figure 1).



EXPLANATION

- Chattahoochee River National Recreation Area (CRNRA) boundary
- BSL-1** — Transect and number

Figure 6. Location of transects at Bull Sluice Lake along the Chattahoochee River, formed by Morgan Falls Dam, near Gold Branch Park Unit (location shown in figure 1).



EXPLANATION

- Chattahoochee River National Recreation Area (CRNRA) boundary
- SO-1** ——— Transect and number

Figure 7. Location of transects at the confluence of Sope Creek with the Chattahoochee River, near Cochran Shoals Park Unit (location shown in figure 1).

Site-Identification System

Transect locations are identified by a numbering system conceived solely for this report. This site numbering system is based on the name of the reach followed by a dash (-) and a number identifying the individual transect. For example, the fifth transect along the reach at the Haw Creek confluence is identified as HC-5. The same system is used to identify transect locations at Jones Bridge Shoals (JBS), Suwanee Creek (SU), Big Creek (BC), Bull Sluice Lake (BSL), and Sope Creek (SO).

Data Collection Methods

Measurements of width, depth, and velocity were collected using two methods. Cross-sections completed in the shoal-type habitat were waded and data was collected using a Marsh-McBirney Flo-Mate Model 2000 portable digital flowmeter and a wading rod. Cross-sections completed in run- and pool-type habitat were collected using a Teledyne RD Instruments Rio Grande acoustic Doppler current profiler (ADCP). The ADCP is generally preferred in all reaches; however, its use is limited to reaches

with depths of at least 4 feet. Because of the geomorphology of the shoals, ADCP use was not an option. Altitude values were calculated using the ESRI® ArcGIS™ 9.0 command Lattice-spot, which computes surface values for each point in a point coverage by using bilinear interpolation from a lattice (a lattice represents a surface using an array of equally spaced sample points (referred to as mesh points) that are referenced to a common origin and have a constant sampling distance in the x and y directions). In this case, a digital altitude model with cell size 100 meters (m) by 100 m cell size was used (Jaime A. Painter, U.S. Geological Survey, written commun., 2005; ArcGIS™ 9.0 Arc/INFO™ Help, ESRI® 2000).

Wadeable Cross-Sections

In the shoal-type habitats, the confluence of Haw Creek and Jones Bridge Shoals, cross-sections were measured using a Marsh-McBirney digital flowmeter and a wading rod, and channel width was measured using a hand-held laser range finder. Beginning on the right river bank at the uppermost transect of the reach, measurements of width, depth, and velocity were made at intervals bisecting flow linearly to the opposing bank. These measurement intervals were not uniform, but were selected to best capture the variability in the river bottom profile. Transects were established about every 100 feet through the end of the reach. Reach lengths ranged from 2,200 to 11,500 feet. Areas that were not wadeable were not measured.

Acoustic Doppler Cross-Sections

Reaches that were wholly run and pool habitat were measured using ADCP. The ADCP unit is attached to the side of a boat just below the surface of the water, and data are collected beginning river right bisecting flow linearly to the opposing bank. The ADCP uses hydroacoustic technology to measure depth, velocity, and positioning of the unit with a Global Positioning System (GPS). These measurements are then used to calculate discharge with the aid of various software packages (Gotvald, 2005). The main function of the ADCP is to collect discharge measurements; original data sets can be manipulated to obtain width, depth, and velocity measurements across the transect. In order to obtain accurate measurements at each transect, at least two passes were made across the channel. If the discharge calculated on the sequential passes were within 5 percent error, the measurements were considered acceptable; if not, the transect discharge was measured again until the error was within 5 percent.

Presentation of Data

Measurements of width, depth, velocity and transect altitude are presented for six reaches, deemed as critical by the NPS, along the Chattahoochee River within the CRNRA (fig. 1): Haw Creek confluence, Jones Bridge Shoals, Suwanee Creek confluence, Big Creek confluence, Bull Sluice Lake, and Sope Creek confluence (table 1). The number of transects measured at each location range from 6 to 14 and depend on habitat type, 54 total transects were measured; 24 shoal habitats and 29 run habitats (table 1). Reaches that were measured using ADCP are identified in table 2. Because multiple passes were made at each transect, table 2 can be used to identify which tables contain the data for specific reaches. Width, depth, velocity, and altitude data for Haw Creek confluence are given in table 3. Width, depth, velocity, and altitude data for Suwanee Creek confluence are given in tables 4–25. Width, depth, velocity, and altitude data for Jones Bridge Shoals are given in table 26. Width, depth, velocity, and altitude data for Big Creek confluence are given in tables 27–40. Width, depth, velocity, and altitude data for Bull Sluice Lake are given in tables 41–54. Width, depth, velocity, and altitude data for Sope Creek confluence are given in tables 55–68.

Cross-sectional transects for Haw Creek Confluence are shown in figure 8. Cross-sectional transects for Suwanee Creek Confluence are shown in figure 9. Cross-sectional transects for Jones Bridge Shoals are shown in figure 10. Cross-sectional transects for Big Creek Confluence are shown in figure 11. Cross-sectional transects for Bull Sluice Lake are shown in figure 12. Cross-sectional transects for Sope Creek Confluence are shown in figure 13.

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- Chattahoochee River National Recreation Area, 2004, Draft General Management Plan/EIS: U.S. Department of the Interior, National Park Service, 355 p.
- Gotvald, A.J., 2005, The use of hydroacoustic current meters to measure the flow of Georgia Streams, *in* Proceedings of the 2005 Georgia Water Resources Conference, Athens, Georgia, Kathryn J. Hatcher, ed., CD–Rom, also on the Web at http://ga.water.usgs.gov/pubs/other/gwrc2005/pdf/GWRC05_Gotvald.pdf
- Nestler, J.M., Milhous, R.T., Troxel, Jay, and Fritschen, Janet, 1985, Effects of flow alterations on trout, angling, and recreation in the Chattahoochee River between Buford Dam and Peachtree Creek: U.S. Army Corps of Engineers, 98 p.

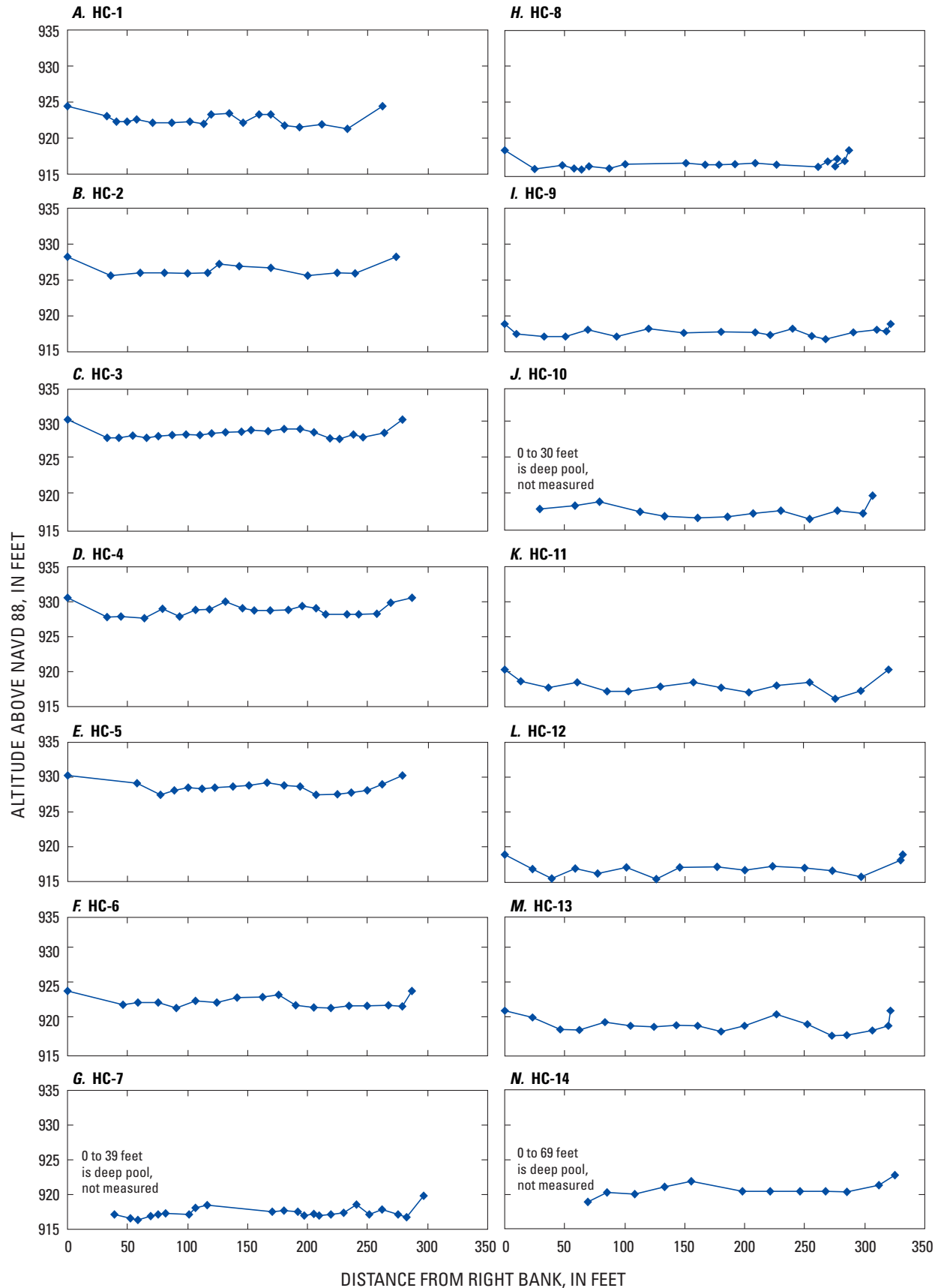


Figure 8. Cross-sectioned transects of altitude at the confluence of Haw Creek with the Chattahoochee River, just downstream of Buford Dam (see figure 2 for transect locations).

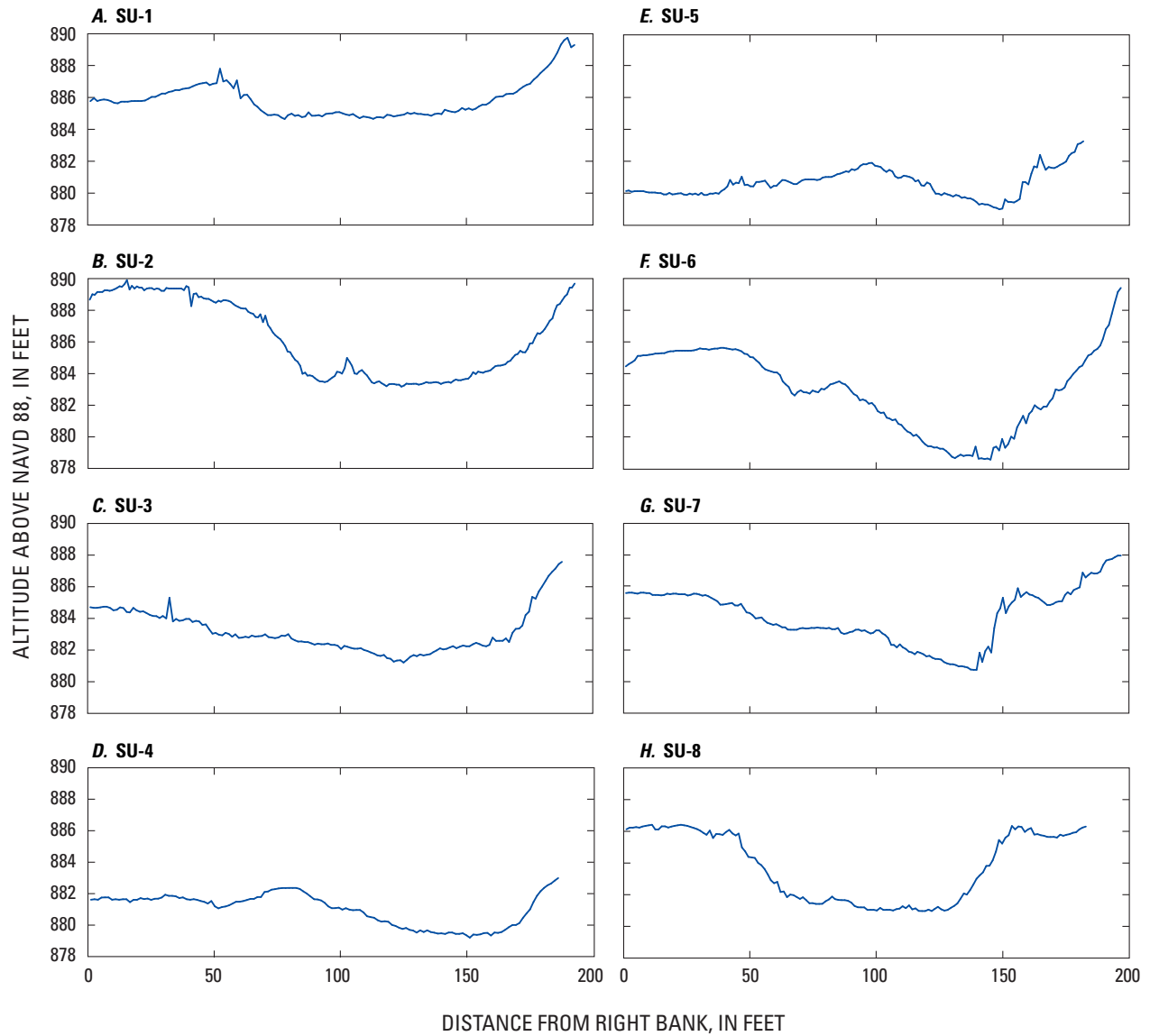


Figure 9. Cross-sectioned transects of altitude at the confluence of Suwannee Creek with the Chattahoochee River (see figure 3 for transect locations).

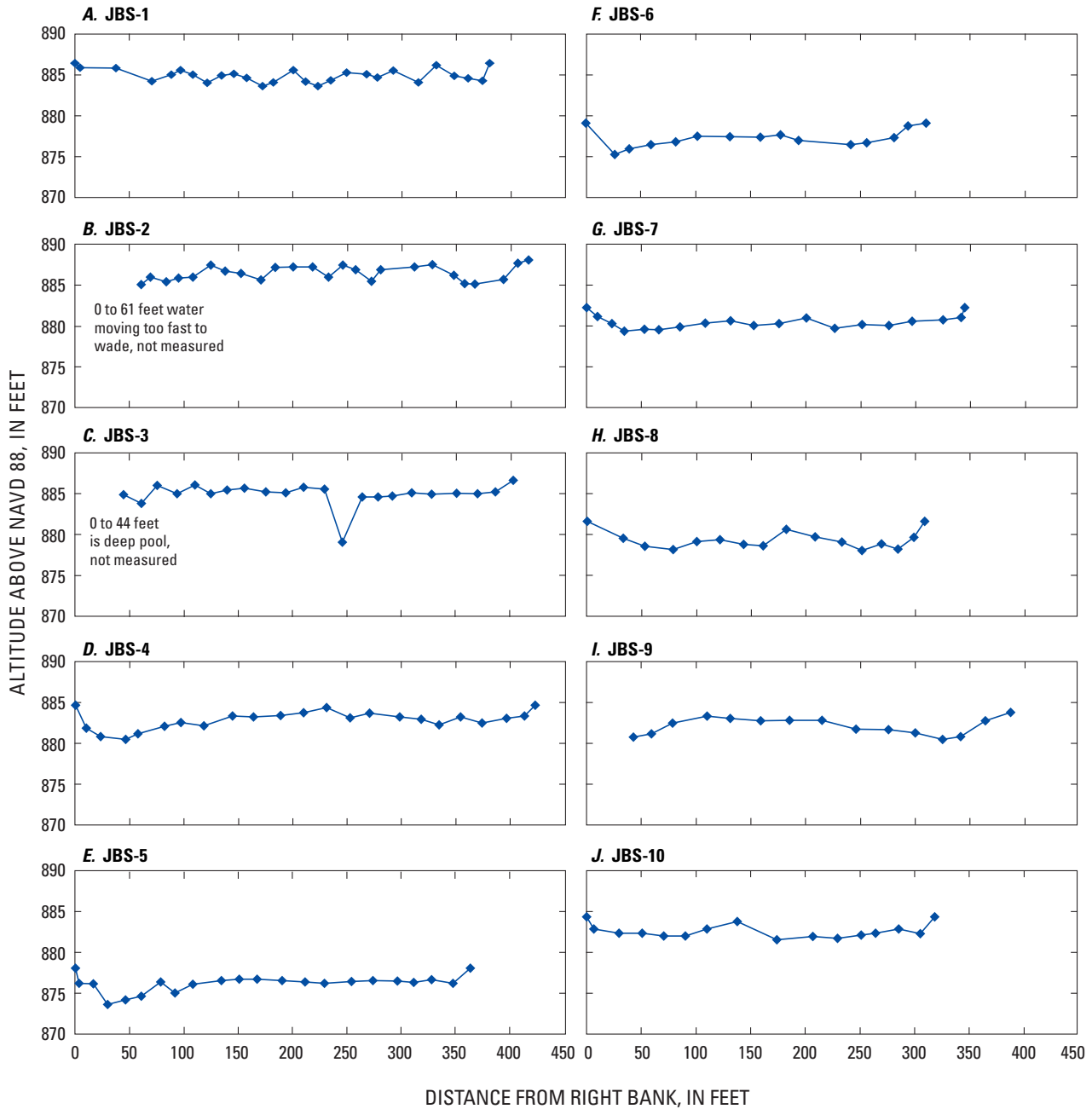


Figure 10. Cross-sectioned transects of altitude for Jones Bridge Shoals (see figure 4 for transect locations).

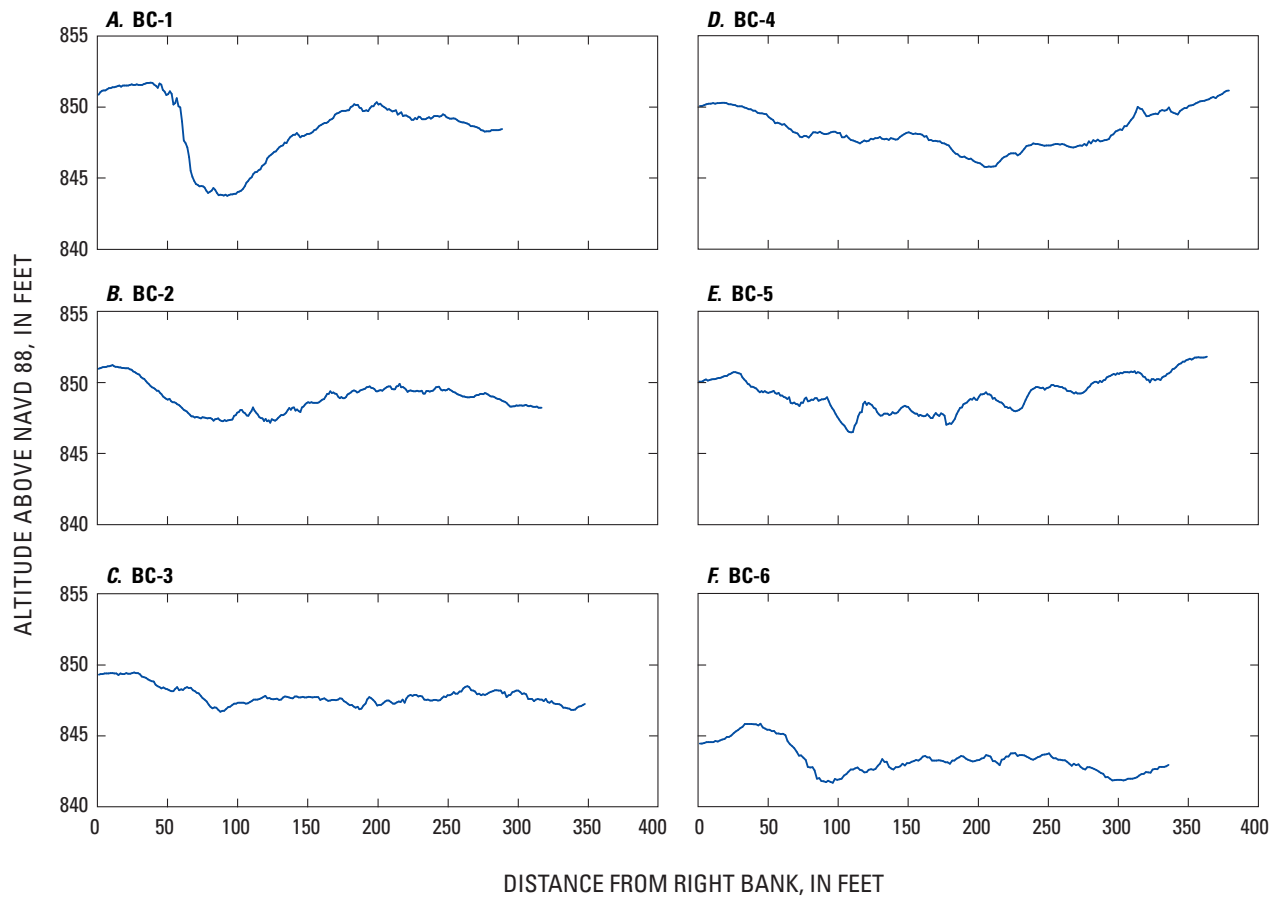


Figure 11. Cross-sectioned transects of altitude at the confluence of Big Creek with the Chattahoochee River (see figure 5 for transect locations).

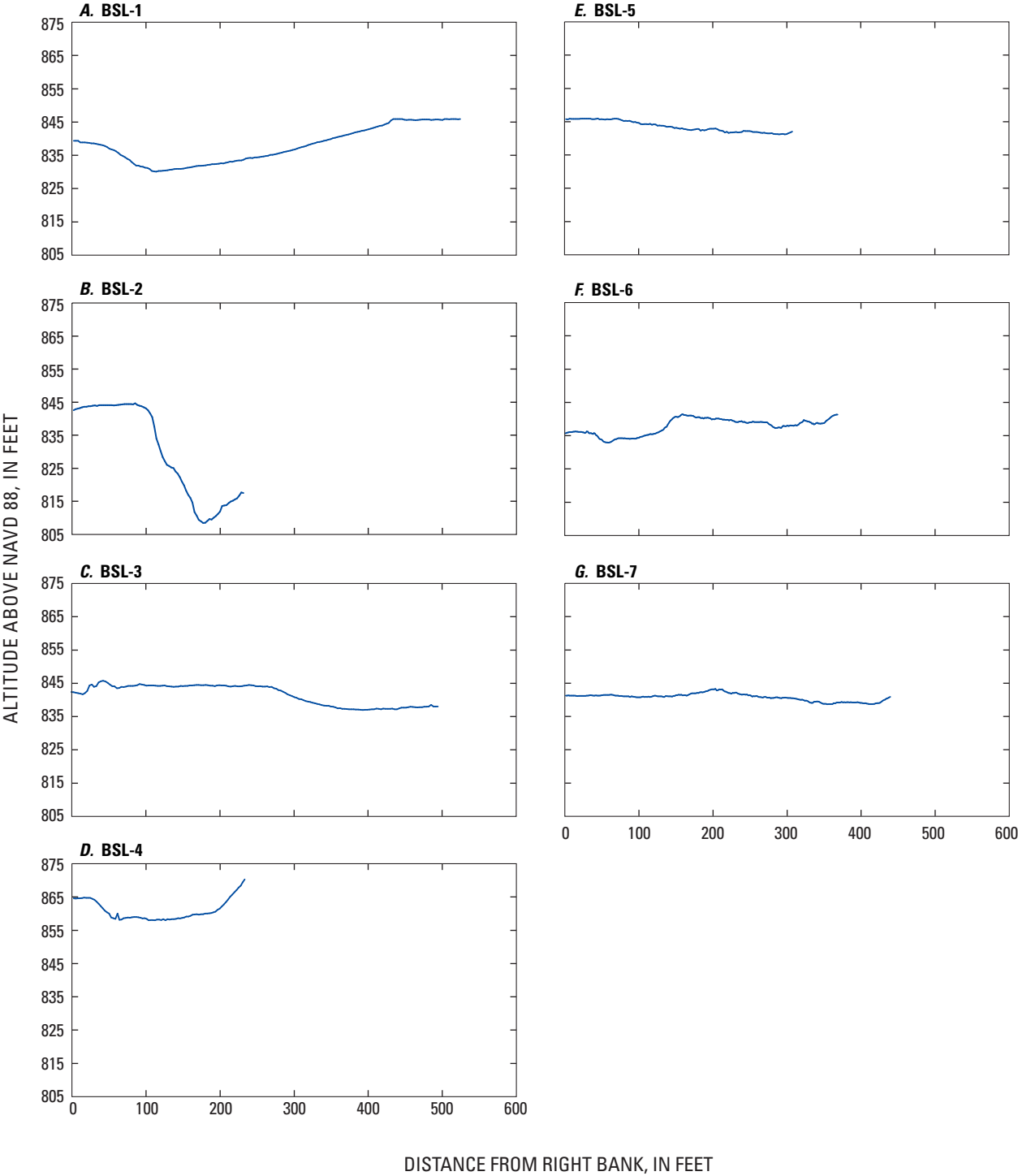


Figure 12. Cross-sectioned transects of altitude at Bull Sluice Lake formed by the impoundment of Morgan Falls Dam (see figure 6 for transect locations).

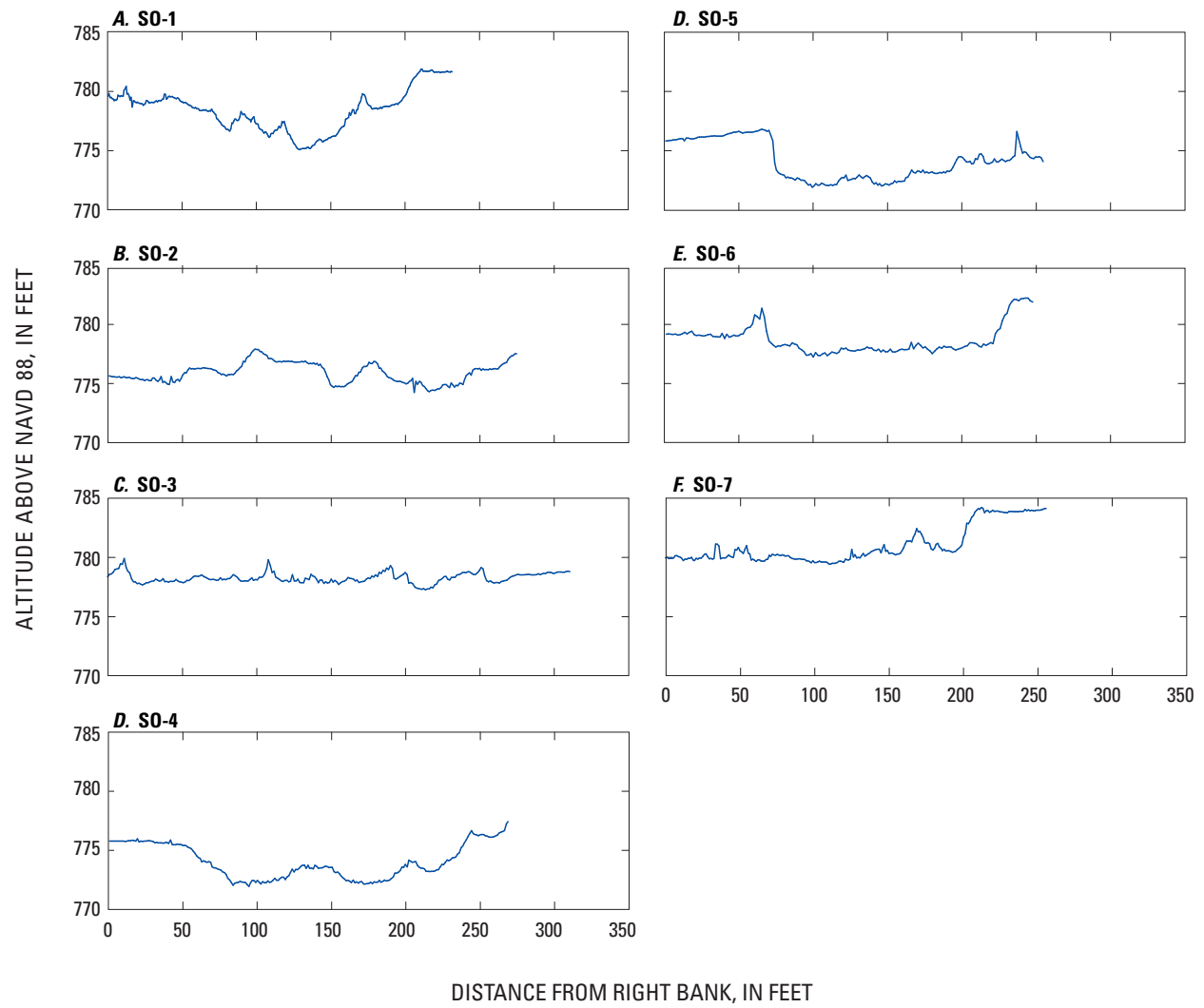


Figure 13. Cross-sectioned transects of altitude at the confluence of Sope Creek with the Chattahoochee River (see figure 7 for transect locations).

Data

18 Cross-Sectional Data for Selected Reaches of the Chattahoochee River

Table 1. Six reaches of the Chattahoochee River within the Chattahoochee River National Recreation Area where measurements of width, depth and velocity were collected during summer 2004.

[°, degree; ', minute; ", second; do., ditto]

General location	Site identification number	Latitude	Longitude	Number of measurements per transect	Habitat type	Reach length (foot)
Haw Creek Confluence (see figure 2 for location)	HC-1	34°09'26"	84°04'42"	17	Riffle	2,200
	HC-2	34°09'26"	84°04'42"	11	do.	
	HC-3	34°09'25"	84°04'43"	21	do.	
	HC-4	34°09'25"	84°04'43"	19	do.	
	HC-5	34°09'24"	84°04'45"	16	do.	
	HC-6	34°09'23"	84°04'47"	16	do.	
	HC-7	34°09'22"	84°04'46"	22	do.	
	HC-8	34°09'21"	84°04'47"	18	do.	
	HC-9	34°09'20"	84°04'49"	16	do.	
	HC-10	34°09'18"	84°04'50"	12	do.	
	HC-11	34°09'17"	84°04'51"	13	do.	
	HC-12	34°09'15"	84°04'52"	14	do.	
	HC-13	34°09'14"	84°04'53"	16	do.	
	HC-14	34°09'12"	84°04'55"	11	do.	
Jones Bridge Shoals (see figure 3 for location)	JBS-1	34°00'04"	84°14'12"	25	do.	2,200
	JBS-2	34°00'04"	84°14'12"	24	do.	
	JBS-3	34°00'03"	84°14'13"	21	do.	
	JBS-4	34°00'03"	84°14'05"	21	do.	
	JBS-5	34°00'02"	84°14'15"	20	do.	
	JBS-6	34°00'01"	84°14'16"	13	do.	
	JBS-7	34°00'00"	84°14'22"	17	do.	
	JBS-8	34°00'00"	84°14'20"	14	do.	
	JBS-9	34°00'01"	84°14'23"	14	do.	
	JBS-10	33°59'60"	84°14'27"	14	do.	
Suwanee Creek Confluence (see figure 4 for location)	SU-1	34°02'07"	84°07'09"	143	Run	2,400
	SU-2	34°02'06"	84°07'11"	192	do.	
	SU-3	34°02'00"	84°07'15"	145	do.	
	SU-4	34°02'03"	84°07'17"	158	do.	
	SU-5	34°02'02"	84°07'21"	150	do.	
	SU-6	34°02'01"	84°07'24"	164	do.	
	SU-7	34°01'60"	84°07'27"	159	do.	
	SU-8	34°01'60"	84°07'31"	145	do.	
Big Creek Confluence (see figure 5 for location)	BC-1	34°00'17"	84°20'49"	271	do.	3,400
	BC-2	34°00'17"	84°20'52"	292	do.	
	BC-3	34°00'16"	84°20'55"	308	do.	
	BC-4	34°00'15"	84°20'59"	266	do.	
	BC-5	34°00'15"	84°21'03"	298	do.	
	BC-6	34°00'09"	84°21'24"	254	do.	
Bull Sluice Lake (see figure 6 for location)	BSL-1	33°58'12"	84°23'06"	377	Pool	11,500
	BSL-2	33°58'21"	84°22'46"	95	do.	
	BSL-3	33°58'36"	84°22'32"	189	Run	
	BSL-4	33°59'02"	84°22'31"	85	Pool	
	BSL-5	33°59'22"	84°22'37"	121	Run	
	BSL-6	33°59'43"	84°23'03"	267	do.	
	BSL-7	34 00'02"	84°22'50"	319	do.	
Sope Creek Confluence (see figure 7 for location)	SO-1	33°55'24"	84°26'08"	305	do.	3,300
	SO-2	33°55'25"	84°26'05"	264	do.	
	SO-3	33°55'26"	84°25'56"	316	do.	
	SO-4	33°55'29"	84°25'50"	311	do.	
	SO-5	33°55'32"	84°25'47"	250	do.	
	SO-6	33°55'34"	84°25'43"	224	do.	
	SO-7	33°55'38"	84°25'38"	231	do.	

Table 2. Transect location information for sites on Chattahoochee River where data were collected using Acoustic Doppler Current Profiling.

Transect number	Transect identification	Width (foot)	Number of measurements	River bank start edge
Suwanee Creek Confluence (see figure 4 for location)				
2	SU-1	195	133	Left
3	SU-1	193	143	Right
4	SU-1	194	134	Left
5	SU-1	196	160	Right
7	SU-2	188	181	Left
8	SU-2	193	197	Right
9	SU-2	195	204	Left
10	SU-2	184	186	Right
12	SU-3	188	144	Right
13	SU-3	183	146	Left
15	SU-4	184	154	Left
16	SU-4	186	134	Right
17	SU-4	190	179	Left
18	SU-4	196	165	Right
20	SU-5	182	160	Right
21	SU-5	177	140	Left
22	SU-6	197	173	Right
23	SU-6	209	154	Left
24	SU-7	197	173	Right
25	SU-7	195	144	Left
26	SU-8	183	148	Right
27	SU-8	179	142	Left
Big Creek Confluence (see figure 5 for location)				
1	BC-1	292	261	Right
2	BC-1	289	257	Left
3	BC-1	292	285	Right
4	BC-1	294	282	Left
6	BC-2	317	299	Left
7	BC-2	317	284	Right
9	BC-3	349	347	Right
10	BC-3	348	269	Left
11	BC-4	380	67	Right
12	BC-4	379	265	Left
14	BC-5	381	282	Right
15	BC-5	364	314	Left
16	BC-6	332	271	Right
17	BC-6	336	237	Left

Transect number	Transect identification	Width (foot)	Number of measurements	River bank start edge
Bull Sluice Lake (see figure 6 for location)				
2	BSL-1	525	373	Right
3	BSL-1	577	380	Left
6	BSL-2	201	108	Left
7	BSL-2	232	82	Right
8	BSL-3	522	195	Right
9	BSL-3	498	182	Left
10	BSL-4	234	86	Right
11	BSL-4	261	84	Left
12	BSL-5	308	128	Right
13	BSL-5	310	114	Left
14	BSL-6	361	255	Left
15	BSL-6	369	278	Right
16	BSL-7	429	326	Left
17	BSL-7	440	311	Right
Sope Creek Confluence (see figure 7 for location)				
1	SO-1	232	371	Right
2	SO-1	240	239	Left
3	SO-2	252	275	Right
4	SO-2	260	253	Left
5	SO-3	320	348	Right
6	SO-3	312	284	Left
7	SO-4	269	283	Right
8	SO-4	301	338	Left
9	SO-5	255	235	Right
10	SO-5	260	265	Left
11	SO-6	248	207	Right
12	SO-6	253	240	Left
13	SO-7	252	208	Right
14	SO-7	257	254	Left

20 Cross-Sectional Data for Selected Reaches of the Chattahoochee River

Table 3. Distance from right bank, velocity, depth, and altitude data for Haw Creek (see figure 2 for location), Forsyth and Gwinnett Counties, Georgia, April and July 2004.

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988; (), when depth is equal to or greater than 3 feet, velocity measurements are taken at 0.2 times depth and 0.8 times depth, average velocity of subsection is average of two readings]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
Transect 1 (HC-1)			
33	1.33	1.4	923
41	0.95	2.1	922
49	1.12	2.1	922
57	1.62	1.8	923
71	1.62	2.3	922
87	1.54	2.3	922
102	1.89	2.1	922
113	0.26	2.4	922
120	1.07	1.1	923
135	1.54	1	923
146	0.99	2.3	922
159	0.92	1.1	923
169	1.06	1.1	923
180	1.19	2.7	922
194	1.69(.8), 1.07(.2)	2.9	922
212	1.06	2.5	922
233	0.91(.8), 0.89(.2)	3.1	921
262	0	0	924
Transect 2 (HC-2)			
36	1.17	2.6	926
61	1.74	2.2	926
80	1.91	2.2	926
100	1.83	2.3	926
116	1.12	2.2	926
126	1.03	1	927
143	1.05	1.3	927
169	0.56	1.5	927
200	1.05	2.6	926
225	1.85	2.2	926
240	1.76	2.3	926
274	0	0	928
Transect 3 (HC-3)			
33	1.15	2.6	928
43	1.52	2.6	928
54	1.97	2.3	928
66	1.63	2.6	928
75	1.73	2.4	928
87	1.58	2.2	929
98	1.48	2.1	929
110	1.53	2.2	929
120	1.22	2.0	929
131	0.91	1.8	929
144	0.94	1.7	929
153	0.93	1.5	929
167	0.81	1.7	929
180	0.09	1.3	929
194	0.6	1.3	929
205	1.48	1.8	929
218	1.29	2.7	928
226	1.58	2.7	928
238	1.74	2.1	929
246	1.7	2.5	928
264	1.56	1.9	929
279	0	0	931
Transect 4 (HC-4)			
33	1.38	2.8	928
44	1.38	2.7	928
64	0.64 (.8) 0.65 (.2)	2.9	928
79	0.64	1.6	929
94	0.88	2.7	928
107	1.48	1.7	929
118	1.04	1.6	929
131	0.71	0.5	930
146	0.74	1.5	929
156	0.91	1.8	929
169	0.85	1.8	929
184	0.67	1.7	929
195	1.16	1.2	929
207	1.01	1.5	929
215	1.06	2.4	928
233	1.49	2.4	928
243	1.29	2.4	928
258	1	2.3	928
269	0.51	0.7	930
287	0	0	931
Transect 5 (HC-5)			
57	0.69	1.1	929
77	1.09	2.7	928
89	0.64	2.1	928
100	0.19	1.7	928
112	0.84	1.9	928
123	0.91	1.7	929
138	0.65	1.6	929
151	0.89	1.4	929
166	0.49	1.1	929
180	0.81	1.4	929
194	0.76	1.6	929
207	0.86	2.7	927
225	1.04	2.7	928
236	1.72	2.5	928
249	1.09	2.1	928
262	1.01	1.3	929
279	0	0	930
Transect 6 (HC-6)			
46	1.01	2.0	922
59	1.09	1.7	923
75	1.72	1.7	923
90	1.04	2.5	922
107	0.86	1.4	923
125	0.76	1.7	923
141	0.81	0.9	923
162	0.49	0.9	924
176	0.89	0.6	924
190	0.65	2.1	922
205	0.91	2.4	922
220	0.84	2.5	922
235	0.19	2.2	922
249	0.64	2.1	922
267	1.09	2.1	922
279	0.69	2.2	922
287	0	0	924
Transect 7 (HC-7)			
39	1.02	2.7	917
52	1.09	3.2	917
59	1.08	3.5	916
69	0.86	2.9	917
75	0.93	2.7	917
82	0.62	2.5	917
102	0.51	2.7	917
107	1.11	1.7	918
116	1.39	1.4	918
171	0.55	2.3	918
180	1.71	2.1	918
192	1.55	2.3	918
197	1.44	2.8	917
205	1.79	2.6	917
210	1.91	2.8	917
220	2.04	2.7	917
230	2.01	2.4	917
241	0.28	1.3	919
251	1.23	2.7	917
262	1.48	2	918
276	0.02	2.7	917
282	0.82	3.1	917
297	0	0	920
Transect 8 (HC-8)			
25	0.97	2.6	916
48	1.34	2.1	917
57	1.15	2.5	916
64	1.57	2.7	916
71	1.77	2.2	916
87	1.16	2.5	916
100	0.61	1.9	917
151	1.08	1.8	917
167	0.95	2	917
179	1.59	2	917
192	2.08	1.9	917
208	1.71	1.8	917
226	1.64	2	917
261	2.12	2.3	916
269	0.15	1.6	917
276	0.76	2.2	916
277	2.09	1.2	917
284	1.15	1.5	917
287	0	0	919

Table 3. Distance from right bank, velocity, depth, and altitude data for Haw Creek (see figure 2 for location), Forsyth and Gwinnett Counties, Georgia, April and July 2004.—Continued

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988; (), when depth is equal to or greater than 3 feet, velocity measurements are taken at 0.2 times depth and 0.8 times depth, average velocity of subsection is average of two readings]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
Transect 9 (HC-9)			
10	0.12	1.4	917
33	2.27	1.8	917
51	2.84	1.8	917
69	3.15	0.8	918
94	1.95	1.8	917
120	0.82	0.6	918
149	1.67	1.2	918
180	1.06	1.1	918
208	-0.02	1.2	918
221	2.69	1.5	917
240	2.83	0.7	918
256	2.04	1.7	917
267	1.64	2.1	917
290	1.62	1.2	918
310	1.26	0.8	918
318	1.28	1	918
322	0	0	919
Transect 10 (HC-10)			
30	1.28	1.9	918
59	0.99	1.4	919
79	2.35	0.9	919
113	2.26	2.3	918
133	0	2.9	917
161	0.35	3.2	917
185	0.83	3	917
207	1.88	2.6	917
230	0.9	2.1	918
254	0.36	3.3	917
277	0.58	2.2	918
299	0.4	2.5	917
307	0	0	920
Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
Transect 11 (HC-11)			
13	0.12	1.7	919
36	0.55	2.6	918
61	0.75	1.8	918
85	1.01	3.1	917
103	1.33	3.1	917
130	0.76	2.4	918
157	0.57	1.9	918
180	0.26	2.6	918
203	1.53	3.3	917
226	1.25	2.3	918
254	0.71	1.8	919
276	0.91	4.2	916
297	0.58	3	917
320	0	0	920
Transect 12 (HC-12)			
23	0.71	2.1	917
39	1.32	3.4	916
59	1.18	2	917
77	1.28	2.7	916
102	0.42	1.8	917
126	1.32	3.5	916
146	1.38	1.8	917
177	1.08	1.7	917
200	0.38	2.2	917
223	0.71	1.6	917
249	0.59	1.9	917
272	0.76	2.3	917
297	0.4	3.2	916
330	0.55	0.8	918
331	0	0	919
Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
Transect 13 (HC-13)			
23	0.58	0.0	921
46	0.73	2.7	919
62	1.16	2.8	919
84	0.64	1.7	920
105	1.64	2.2	919
125	2.45	2.3	919
143	2.07	2.1	919
161	0.97	2.2	919
180	0.38	3	919
200	0.12	2.2	919
226	0.34	0.5	921
253	0.65	1.9	920
272	0.28	3.6	918
285	0.35	3.5	918
307	0.1	2.8	919
320	0.07	2.2	919
322	0	0	922
Transect 14 (HC-14)			
69	0.51	3.9	919
85	1.33	2.5	920
108	1.04	2.8	920
133	1.28	1.7	921
156	0.14	0.9	922
198	0.07	2.3	920
221	0.62	2.3	920
246	0.1	2.3	920
267	0.28	2.4	920
285	0.23	2.5	920
312	0.64	1.4	921
325	0	0	923

22 Cross-Sectional Data for Selected Reaches of the Chattahoochee River

Table 4. Distance from right bank, velocity, depth, and altitude data for Suwanee Creek transect 2 (SU-1) (see figure 3 for location), Fulton and Gwinnett Counties, Georgia, September 2004.

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
193.52	0.55	11.68	889	128.52	1.93	14.59	886	63.52	4.65	15.98	885
192.05	2.55	11.26	889	127.05	0.53	14.6	886	62.05	2.79	16.13	885
190.57	1.46	11.7	889	125.57	1.77	14.68	886	60.57	1.54	16.24	884
189.09	1.52	11.7	889	124.09	1.11	14.78	886	59.09	1.88	16.27	884
187.61	1.74	11.42	889	122.61	1.37	14.79	886	57.61	3.48	16.1	885
186.14	2.72	11.06	890	121.14	2.61	14.94	886	56.14	2.14	15.97	885
184.66	2.19	11.72	889	119.66	4.35	15.01	886	54.66	2.83	15.93	885
183.18	2.52	11.8	889	118.18	5.30	15.08	886	53.18	2.08	15.89	885
181.7	1.01	11.26	889	116.7	2.39	15.27	885	51.70	3.31	15.78	885
180.23	1.04	11.15	890	115.23	3.24	15.26	885	50.23	1.52	15.58	885
178.75	0.50	11.58	889	113.75	2.93	15.28	885	48.75	1.37	15.71	885
177.27	1.32	11.4	889	112.27	4.42	15.49	885	47.27	4.01	15.85	885
175.8	2.55	11.97	889	110.8	4.24	15.67	885	45.8	1.95	15.84	885
174.32	2.34	11.55	889	109.32	4.26	15.79	885	44.32	2.42	15.56	885
172.84	0.63	11.59	889	107.84	3.55	15.9	885	42.84	1.64	15.3	885
171.36	1.01	10.99	890	106.36	3.12	15.94	885	41.36	1.81	15.26	885
169.89	2.15	11.1	890	104.89	3.18	15.9	885	39.89	2.76	15.07	886
168.41	2.02	11.56	889	103.41	3.53	16.05	885	38.41	3.05	14.77	886
166.93	2.18	11.58	889	101.93	3.16	16.02	885	36.93	3.01	14.73	886
165.45	3.00	11.11	890	100.45	2.85	15.98	885	35.45	2.49	14.5	886
163.98	2.59	10.96	890	98.98	2.98	15.94	885	33.98	1.34	14.5	886
162.5	2.52	10.57	890	97.5	3.30	15.94	885	32.5	2.12	14.3	886
161.02	2.70	10.83	890	96.02	4.13	15.81	885	31.02	1.85	14.21	887
159.55	2.44	11.0	890	94.55	3.54	15.89	885	29.55	1.42	14.1	887
158.07	2.22	11.3	889	93.07	3.20	15.91	885	28.07	1.15	13.99	887
156.59	0.37	11.59	889	91.59	3.71	15.67	885	26.59	2.88	14.03	887
155.11	2.62	11.89	889	90.11	4.66	15.85	885	25.11	2.44	14.18	887
153.64	0.44	12.22	889	88.64	3.32	15.85	885	23.64	3.23	14.29	886
152.16	2.11	12.45	888	87.16	2.19	15.98	885	22.16	2.58	14.44	886
150.68	1.35	12.64	888	85.68	2.41	16.05	885	20.68	1.29	14.54	886
149.2	1.33	12.87	888	84.2	3.21	16.05	885	19.2	1.99	14.46	886
147.73	1.42	13.01	888	82.73	3.93	15.93	885	17.73	2.54	14.59	886
146.25	0.60	13.16	888	81.25	2.86	15.93	885	16.25	1.14	14.54	886
144.77	1.14	13.46	887	79.77	3.04	15.77	885	14.77	1.72	14.59	886
143.3	0.28	13.68	887	78.3	2.92	15.89	885	13.3	0.85	14.62	886
141.82	1.10	13.78	887	76.82	4.01	15.93	885	11.82	2.02	14.72	886
140.34	1.53	13.93	887	75.34	2.33	15.77	885	10.34	2.20	14.8	886
138.86	1.36	14.0	887	73.86	2.45	15.59	885	8.86	1.88	14.86	886
137.39	0.43	14.08	887	72.39	2.28	15.34	885	7.39	1.16	14.9	886
135.91	0.31	14.26	886	70.91	1.67	15.62	885	5.91	2.66	14.9	886
134.43	0.52	14.37	886	69.43	3.51	15.71	885	4.43	0.48	14.9	886
132.95	1.21	14.41	886	67.95	2.29	15.64	885	2.95	0.88	14.93	886
131.48	0.10	14.55	886	66.48	4.30	15.6	885	1.48	0.96	14.97	886
130	0.95	14.46	886	65.0	3.47	15.68	885	0	1.32	14.97	886

Table 5. Distance from right bank, velocity, depth, and altitude data for Suwannee Creek transect 3 (SU-1) (see figure 3 for location), Fulton and Gwinnett Counties, Georgia, September 2004.

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
1.35	0.17	14.98	886	66.13	2.30	15.18	886	130.92	2.98	15.78	885
2.70	1.60	14.79	886	67.48	1.99	15.33	885	132.27	3.04	15.78	885
4.05	1.19	14.97	886	68.83	2.51	15.54	885	133.62	4.01	15.82	885
5.40	0.74	14.9	886	70.18	2.62	15.71	885	134.97	2.93	15.82	885
6.75	2.03	14.87	886	71.53	2.05	15.85	885	136.31	3.59	15.89	885
8.10	3.03	14.9	886	72.88	3.71	15.85	885	137.66	3.66	15.79	885
9.45	1.79	14.98	886	74.23	2.81	15.82	885	139.01	3.68	15.75	885
10.8	0.32	15.08	886	75.58	3.46	15.85	885	140.36	4.53	15.79	885
12.15	0.44	15.11	886	76.93	2.46	16.0	885	141.71	3.55	15.52	885
13.5	0.62	15.01	886	78.28	2.58	16.09	885	143.06	1.49	15.59	885
14.85	0.54	15.01	886	79.63	2.68	15.85	885	144.41	4.05	15.64	885
16.2	0.73	15.01	886	80.98	3.37	15.76	885	145.76	4.82	15.67	885
17.55	1.32	14.97	886	82.33	3.16	15.89	885	147.11	4.57	15.59	885
18.9	1.73	14.97	886	83.68	3.70	15.85	885	148.46	4.99	15.41	885
20.24	1.80	14.97	886	85.03	3.10	15.97	885	149.81	5.44	15.51	885
21.59	1.67	14.97	886	86.38	3.31	15.94	885	151.16	4.10	15.43	885
22.94	1.04	14.93	886	87.73	3.73	15.67	885	152.51	2.51	15.52	885
24.29	1.69	14.83	886	89.08	3.09	15.89	885	153.86	3.57	15.44	885
25.64	2.37	14.71	886	90.43	4.71	15.88	885	155.21	3.93	15.3	885
26.99	2.11	14.71	886	91.78	3.11	15.85	885	156.56	4.11	15.2	886
28.34	1.35	14.61	886	93.13	3.06	15.93	885	157.91	2.66	15.2	886
29.69	2.39	14.5	886	94.48	3.52	15.78	885	159.26	1.14	15.08	886
31.04	1.86	14.5	886	95.83	4.42	15.75	885	160.61	3.19	14.89	886
32.39	1.22	14.4	886	97.17	3.71	15.74	885	161.96	1.82	14.72	886
33.74	1.65	14.36	886	98.52	1.73	15.67	885	163.31	0.31	14.68	886
35.09	2.44	14.28	886	99.87	2.29	15.66	885	164.66	1.54	14.67	886
36.44	1.75	14.29	886	101.22	3.13	15.74	885	166.01	0.82	14.53	886
37.79	1.75	14.21	887	102.57	2.74	15.81	885	167.36	0.06	14.51	886
39.14	1.66	14.18	887	103.92	2.63	15.86	885	168.71	0.84	14.51	886
40.49	1.44	14.15	887	105.27	3.55	15.78	885	170.06	1.17	14.4	886
41.84	0.83	14.04	887	106.62	2.74	15.92	885	171.41	1.96	14.23	887
43.19	1.81	13.96	887	107.97	3.68	16.04	885	172.76	0.60	14.07	887
44.54	2.02	13.89	887	109.32	3.67	15.94	885	174.1	0.54	13.95	887
45.89	1.49	13.85	887	110.67	3.79	15.97	885	175.45	1.18	13.89	887
47.24	1.36	13.81	887	112.02	3.78	16.01	885	176.8	1.20	13.63	887
48.59	1.93	13.97	887	113.37	2.81	16.08	885	178.15	1.68	13.45	887
49.94	2.35	13.89	887	114.72	3.54	15.98	885	179.50	0.80	13.22	888
51.29	2.03	13.85	887	116.07	2.20	15.98	885	180.85	1.71	13.03	888
52.64	1.16	12.94	888	117.42	2.82	16.02	885	182.2	0.24	12.83	888
53.99	0.41	13.75	887	118.77	3.94	15.83	885	183.55	0.97	12.6	888
55.34	1.85	13.66	887	120.12	3.84	15.85	885	184.9	1.02	12.31	888
56.69	0.78	13.9	887	121.47	3.44	15.94	885	186.25	1.55	11.94	889
58.03	1.57	14.17	887	122.82	3.77	15.89	885	187.6	1.51	11.44	889
59.38	1.60	13.67	887	124.17	3.64	15.85	885	188.95	3.50	11.15	890
60.73	2.05	14.8	886	125.52	2.81	15.82	885	190.3	1.31	11.01	890
62.08	1.31	14.59	886	126.87	4.49	15.71	885	191.65	1.72	11.6	889
63.43	2.67	14.58	886	128.22	3.74	15.78	885	193	1.60	11.46	889
64.78	2.26	14.84	886	129.57	2.99	15.71	885				

24 Cross-Sectional Data for Selected Reaches of the Chattahoochee River

Table 6. Distance from right bank, velocity, depth, and altitude data for Suwanee Creek transect 4 (SU-1) (see figure 3 for location), Fulton and Gwinnett Counties, Georgia, September 2004.

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
192.55	2.91	11.59	889	127.4	0.34	13.68	887	62.25	2.45	15.71	885
191.1	1.31	11.65	889	125.96	0.33	13.89	887	60.81	1.75	15.64	885
189.66	1.50	11.8	889	124.51	0.85	14.07	887	59.36	2.33	15.74	885
188.21	1.93	11.8	889	123.06	1.02	14.18	887	57.91	1.88	15.62	885
186.76	1.14	11.88	889	121.61	1.71	14.37	886	56.46	4.03	15.75	885
185.31	0.75	11.2	890	120.16	0.49	14.56	886	55.01	3.13	15.53	885
183.87	0.75	11.3	889	118.72	1.43	14.54	886	53.57	3.45	15.45	885
182.42	1.05	12.07	889	117.27	1.45	14.71	886	52.12	3.70	15.45	885
180.97	2.16	11.97	889	115.82	0.93	14.72	886	50.67	3.19	15.52	885
179.52	0.66	12.0	889	114.37	2.55	14.98	886	49.22	2.99	15.52	885
178.07	2.02	11.97	889	112.93	2.55	15.16	886	47.78	4.45	15.55	885
176.63	2.05	11.94	889	111.48	1.99	15.3	885	46.33	2.54	15.64	885
175.18	1.44	11.96	889	110.03	3.07	15.41	885	44.88	2.30	15.75	885
173.73	1.59	12.07	889	108.58	3.71	15.42	885	43.43	2.62	15.96	885
172.28	2.50	12.14	889	107.13	2.72	15.44	885	41.99	2.90	16.01	885
170.84	2.04	12.11	889	105.69	3.14	15.48	885	40.54	2.34	15.93	885
169.39	1.31	11.95	889	104.24	2.99	15.44	885	39.09	2.28	15.7	885
167.94	0.36	12.06	889	102.79	3.57	15.42	885	37.64	3.12	15.59	885
166.49	2.68	12.09	889	101.34	3.76	15.42	885	36.19	2.95	15.93	885
165.04	2.75	11.97	889	99.9	5.17	15.44	885	34.75	2.46	15.89	885
163.6	3.64	11.87	889	98.45	4.77	15.63	885	33.3	2.36	15.66	885
162.15	1.01	11.87	889	97.0	2.61	15.49	885	31.85	2.68	15.62	885
160.7	1.71	11.96	889	95.55	2.88	15.7	885	30.4	2.67	15.55	885
159.25	1.94	11.96	889	94.1	3.84	15.63	885	28.96	2.85	15.51	885
157.81	3.51	11.87	889	92.66	3.04	15.6	885	27.51	2.20	15.33	885
156.36	3.63	11.76	889	91.21	2.89	15.64	885	26.06	2.41	15.0	886
154.91	4.60	11.58	889	89.76	2.57	15.82	885	24.61	2.27	14.76	886
153.46	3.26	11.48	889	88.31	3.92	15.78	885	23.16	2.24	14.66	886
152.02	1.13	10.73	890	86.87	3.28	15.75	885	21.72	2.14	14.6	886
150.57	1.63	10.87	890	85.42	4.20	15.78	885	20.27	1.90	14.28	886
149.12	1.62	10.9	890	83.97	4.39	15.63	885	18.82	2.32	13.74	887
147.67	0.78	11.12	890	82.52	3.42	15.67	885	17.37	1.85	13.56	887
146.22	1.64	11.05	890	81.07	3.89	15.75	885	15.93	2.69	13.63	887
144.78	2.21	11.06	890	79.63	3.12	15.71	885	14.48	0.97	13.67	887
143.33	1.92	11.24	889	78.18	3.66	15.75	885	13.03	2.09	13.82	887
141.88	0.98	11.42	889	76.73	2.50	15.71	885	11.58	1.36	13.86	887
140.43	0.59	11.61	889	75.28	3.22	15.82	885	10.13	1.10	13.93	887
138.99	0.95	11.71	889	73.84	4.67	16.01	885	8.69	1.60	14.04	887
137.54	1.02	11.97	889	72.39	3.48	15.98	885	7.24	1.53	14.11	887
136.09	0.40	12.26	888	70.94	2.66	15.99	885	5.79	1.43	14.22	887
134.64	1.31	12.31	888	69.49	1.92	15.83	885	4.34	1.13	13.96	887
133.19	0.25	12.83	888	68.04	3.67	15.82	885	2.90	1.12	14.38	886
131.75	0.43	13.01	888	66.6	3.25	15.93	885	1.45	1.50	14.41	886
130.3	0.54	13.3	887	65.15	3.20	15.93	885	0	1.56	14.62	886
128.85	0.55	13.6	887	63.7	2.44	15.9	885				

Table 7. Distance from right bank, velocity, depth, and altitude data for Suwanee Creek transect 5 (SU-1) (see figure 3 for location), Fulton and Gwinnett Counties, Georgia, September 2004.

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
1.23	1.30	14.90	886	67.45	1.71	15.89	885	133.68	2.61	15.63	885
2.45	1.21	14.9	886	68.68	2.05	15.82	885	134.91	3.18	15.55	885
3.68	2.04	14.9	886	69.91	2.81	15.86	885	136.13	3.60	15.7	885
4.91	2.60	14.94	886	71.13	3.23	15.85	885	137.36	4.34	15.71	885
6.13	1.95	14.94	886	72.36	2.96	15.78	885	138.59	3.20	15.71	885
7.36	0.80	14.9	886	73.59	2.47	16.01	885	139.81	3.32	15.42	885
8.59	2.06	14.9	886	74.81	2.26	16.09	885	141.04	3.77	15.4	885
9.81	1.95	14.9	886	76.04	3.58	15.85	885	142.26	4.93	15.41	885
11.04	1.63	14.9	886	77.26	2.52	15.86	885	143.49	3.03	15.52	885
12.26	1.25	14.9	886	78.49	3.63	15.74	885	144.72	1.72	15.41	885
13.49	0.99	14.9	886	79.72	4.20	15.53	885	145.94	3.80	15.34	885
14.72	0.51	14.9	886	80.94	1.42	15.67	885	147.17	2.51	15.31	885
15.94	1.15	14.86	886	82.17	2.35	15.68	885	148.4	1.47	15.26	885
17.17	0.58	14.83	886	83.4	2.77	15.67	885	149.62	3.06	15.2	886
18.4	1.22	14.83	886	84.62	3.77	15.63	885	150.85	1.71	15.05	886
19.62	1.21	14.83	886	85.85	2.19	15.45	885	152.08	2.34	14.9	886
20.85	1.20	14.8	886	87.08	1.11	15.51	885	153.3	2.15	14.82	886
22.08	1.14	14.8	886	88.3	2.06	15.51	885	154.53	0.59	14.72	886
23.3	1.02	14.76	886	89.53	1.89	15.41	885	155.75	2.02	14.64	886
24.53	1.06	14.79	886	90.75	2.80	15.41	885	156.98	3.04	14.53	886
25.75	1.13	14.76	886	91.98	3.78	15.59	885	158.21	1.01	14.51	886
26.98	2.05	14.74	886	93.21	2.11	15.64	885	159.43	0.37	14.44	886
28.21	0.76	14.79	886	94.43	2.18	15.67	885	160.66	2.14	14.4	886
29.43	1.47	14.75	886	95.66	2.20	15.7	885	161.89	1.33	14.3	886
30.66	1.60	14.71	886	96.89	1.63	15.83	885	163.11	1.14	14.26	886
31.89	1.33	14.57	886	98.11	3.64	15.75	885	164.34	0.21	14.26	886
33.11	0.98	14.5	886	99.34	3.36	15.94	885	165.57	0.64	14.18	887
34.34	1.96	14.51	886	100.57	3.29	15.86	885	166.79	0.76	14.12	887
35.57	1.25	14.16	887	101.79	3.59	15.9	885	168.02	0.81	14.04	887
36.79	2.68	14.32	886	103.02	2.85	15.85	885	169.25	1.08	13.96	887
38.02	0.24	14.22	887	104.25	3.96	15.75	885	170.47	0.38	13.88	887
39.25	1.60	14.14	887	105.47	3.00	15.89	885	171.7	1.83	13.75	887
40.47	1.48	14.05	887	106.7	4.26	15.86	885	172.92	0.99	13.61	887
41.7	2.14	14.08	887	107.92	3.24	15.91	885	174.15	1.57	13.45	887
42.92	0.21	14.04	887	109.15	4.14	15.82	885	175.38	0.98	13.3	887
44.15	1.62	14.01	887	110.38	3.59	15.82	885	176.6	1.83	13.19	888
45.38	0.84	13.74	887	111.6	3.13	15.75	885	177.83	1.22	13.01	888
46.6	3.29	13.24	887	112.83	2.18	15.79	885	179.06	1.46	12.9	888
47.83	1.57	13.59	887	114.06	2.39	15.63	885	180.28	1.59	12.72	888
49.06	2.08	13.56	887	115.28	3.62	15.74	885	181.51	1.62	12.57	888
50.28	2.26	13.43	887	116.51	2.78	15.71	885	182.74	2.59	12.24	888
51.51	0.76	14.06	887	117.74	2.39	15.75	885	183.96	0.35	12.09	889
52.74	1.43	14.17	887	118.96	2.94	15.66	885	185.19	1.84	11.48	889
53.96	1.28	13.75	887	120.19	2.88	15.75	885	186.42	0.85	11.18	890
55.19	1.10	14.83	886	121.42	4.06	15.63	885	187.64	2.92	11.47	889
56.42	0.47	14.53	886	122.64	2.66	15.71	885	188.87	3.06	11.47	889
57.64	2.04	14.58	886	123.87	1.73	15.85	885	190.09	1.68	11.27	889
58.87	1.33	14.84	886	125.09	3.44	15.89	885	191.32	1.48	11.02	890
60.09	3.92	15.06	886	126.32	3.08	15.86	885	192.55	1.55	11.41	889
61.32	3.98	15.22	886	127.55	2.68	15.9	885	193.77	2.05	11.6	889
62.55	1.59	15.47	885	128.77	2.52	15.86	885	195	1.42	12.14	889
63.77	1.88	15.54	885	130	3.14	15.9	885				
65.0	1.49	15.59	885	131.23	4.22	15.79	885				
66.23	1.24	15.85	885	132.45	2.11	15.66	885				

Table 8. Distance from right bank, velocity, depth, and altitude data for Suwanee Creek transect 7 (SU-2) (see figure 3 for location), Fulton and Gwinnett Counties, Georgia, September 2004.

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
186.95	1.00	9.80	891	142.84	1.00	14.13	887	98.73	1.92	17.27	884
185.9	1.74	10.86	890	141.79	1.31	14.44	886	97.68	4.00	17.36	883
184.85	0.87	10.73	890	140.74	1.83	14.46	886	96.63	2.64	17.35	883
183.8	1.25	10.76	890	139.69	2.51	14.79	886	95.58	3.73	17.39	883
182.75	0.68	10.73	890	138.64	1.99	14.91	886	94.53	2.76	17.3	883
181.7	1.25	10.69	890	137.59	1.85	15.24	886	93.47	3.36	17.31	883
180.65	1.24	10.78	890	136.54	2.02	15.39	885	92.42	3.18	17.4	883
179.6	0.79	10.78	890	135.49	2.20	15.43	885	91.37	2.16	17.4	883
178.55	1.32	10.78	890	134.44	2.41	15.54	885	90.32	2.73	17.44	883
177.5	2.04	10.78	890	133.39	1.39	15.85	885	89.27	4.36	17.43	883
176.45	2.07	10.78	890	132.34	2.05	15.85	885	88.22	3.69	17.44	883
175.4	2.48	10.78	890	131.29	1.51	16.08	885	87.17	3.10	17.48	883
174.35	1.54	10.82	890	130.23	2.34	16.2	885	86.12	3.29	17.48	883
173.3	0.28	10.77	890	129.18	2.93	16.47	884	85.07	3.59	17.48	883
172.25	1.41	10.69	890	128.13	2.52	16.74	884	84.02	3.77	17.52	883
171.2	2.27	10.69	890	127.08	2.97	16.77	884	82.97	2.33	17.44	883
170.15	1.08	9.63	891	126.03	3.04	16.85	884	81.92	3.12	17.36	883
169.09	0.87	10.82	890	124.98	2.51	16.78	884	80.87	1.86	17.36	883
168.04	1.97	10.76	890	123.93	3.30	16.74	884	79.82	2.49	17.35	883
166.99	1.48	10.8	890	122.88	2.22	16.81	884	78.77	3.26	17.48	883
165.94	1.03	10.88	890	121.83	3.20	16.93	884	77.72	3.35	17.6	883
164.89	1.38	10.88	890	120.78	3.68	16.86	884	76.67	3.27	17.57	883
163.84	0.94	10.95	890	119.73	2.72	16.82	884	75.62	2.23	17.57	883
162.79	0.93	10.98	890	118.68	2.38	17.01	884	74.57	2.06	17.57	883
161.74	1.02	11.02	890	117.63	1.83	17.06	884	73.52	3.09	17.57	883
160.69	0.60	11.06	890	116.58	3.32	17.06	884	72.47	3.77	17.62	883
159.64	2.95	10.8	890	115.53	3.98	17.06	884	71.42	2.40	17.53	883
158.59	1.43	11.63	889	114.48	3.62	17.1	884	70.37	2.15	17.52	883
157.54	0.83	11.45	889	113.43	3.13	17.1	884	69.32	3.05	17.36	883
156.49	1.67	12.01	889	112.38	3.75	17.1	884	68.27	2.32	17.31	883
155.44	0.47	12.11	889	111.33	3.40	17.1	884	67.22	2.48	17.19	884
154.39	1.23	12.19	889	110.28	3.00	17.14	884	66.17	3.22	17.05	884
153.34	1.96	12.1	889	109.23	3.85	17.22	884	65.12	2.57	17.12	884
152.29	0.42	11.91	889	108.18	4.29	17.28	884	64.07	2.08	17.04	884
151.24	1.14	12.4	888	107.13	2.52	17.36	883	63.02	2.55	16.99	884
150.19	1.46	13.09	888	106.08	2.63	17.36	883	61.97	3.66	16.83	884
149.14	1.61	13.23	888	105.03	2.80	17.36	883	60.92	3.41	16.57	884
148.09	1.30	13.42	887	103.98	4.03	17.35	883	59.87	2.72	16.65	884
147.04	1.43	13.6	887	102.93	3.20	17.43	883	58.82	2.38	16.49	884
145.99	2.38	13.85	887	101.88	3.44	17.34	883	57.77	2.53	16.53	884
144.94	1.34	13.81	887	100.83	3.12	17.4	883	56.72	3.02	16.36	884
143.89	1.60	13.8	887	99.78	2.80	17.31	883	55.66	3.79	16.35	884

Table 8. Distance from right bank, velocity, depth, and altitude data for Suwanee Creek transect 7 (SU-2) (see figure 3 for location), Fulton and Gwinnett Counties, Georgia, September 2004.—Continued

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
54.61	3.06	16.28	885	35.71	2.00	17.19	884	16.80	0.88	15.12	886
53.56	3.04	16.27	885	34.66	2.03	17.15	884	15.75	1.99	15.1	886
52.51	3.04	16.32	884	33.61	2.54	17.17	884	14.7	2.14	15.13	886
51.46	1.45	16.35	884	32.56	2.05	17.15	884	13.65	1.74	14.95	886
50.41	2.07	16.47	884	31.51	1.75	17.21	884	12.6	0.71	14.79	886
49.36	1.71	16.59	884	30.46	1.17	16.98	884	11.55	0.77	14.64	886
48.31	1.92	16.74	884	29.41	1.96	16.82	884	10.5	1.61	14.57	886
47.26	2.57	16.69	884	28.36	1.62	16.79	884	9.45	1.41	14.41	886
46.21	2.83	16.81	884	27.31	2.21	16.75	884	8.40	1.15	14.36	886
45.16	3.89	16.81	884	26.26	2.29	16.64	884	7.35	2.07	14.15	887
44.11	2.60	16.72	884	25.21	1.55	16.52	884	6.30	1.01	14.03	887
43.06	3.01	16.85	884	24.16	2.15	16.49	884	5.25	1.00	13.88	887
42.01	3.73	16.78	884	23.11	0.99	16.25	885	4.20	1.51	13.72	887
40.96	2.35	17.01	884	22.06	1.03	16.21	885	3.15	0.59	12.76	888
39.91	2.36	17.14	884	21.01	1.07	15.86	885	2.10	0.18	13.47	887
38.86	2.63	17.3	883	19.96	0.96	15.49	885	1.05	1.65	13.35	887
37.81	2.69	17.27	884	18.91	0.87	15.28	886	0	0.33	13.26	888
36.76	3.38	17.27	884	17.85	0.26	15.24	886				

Table 9. Distance from right bank, velocity, depth, and altitude data for Suwanee Creek transect 8 (SU-2) (see figure 3 for location), Fulton and Gwinnett Counties, Georgia, September 2004.

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
0.98	0.99	12.15	889	65.64	1.56	13.03	888	130.30	3.79	17.47	883
1.96	0.74	11.81	889	66.62	1.21	13.24	888	131.28	4.44	17.52	883
2.94	0.87	11.85	889	67.6	2.00	13.27	888	132.26	3.72	17.48	883
3.92	1.39	11.66	889	68.58	1.87	13.07	888	133.24	2.05	17.44	883
4.90	0.75	11.66	889	69.56	1.48	13.57	887	134.22	2.14	17.36	883
5.88	0.53	11.66	889	70.54	1.09	13.16	888	135.2	2.99	17.4	883
6.86	0.57	11.55	889	71.52	1.10	13.75	887	136.18	3.41	17.4	883
7.84	2.11	11.55	889	72.5	1.67	13.95	887	137.16	2.20	17.37	883
8.82	1.61	11.59	889	73.48	1.78	14.23	887	138.14	2.29	17.36	883
9.80	1.66	11.55	889	74.46	1.57	14.39	886	139.12	2.56	17.39	883
10.78	0.91	11.48	889	75.44	1.34	14.54	886	140.1	2.46	17.48	883
11.76	1.95	11.4	889	76.42	1.21	14.64	886	141.08	2.59	17.4	883
12.74	0.82	11.3	889	77.4	1.51	14.86	886	142.06	3.50	17.37	883
13.72	0.87	11.34	889	78.38	0.64	15.08	886	143.04	2.12	17.35	883
14.7	0.95	11.17	890	79.36	2.03	15.42	885	144.02	1.91	17.4	883
15.68	0.64	10.91	890	80.34	1.46	15.47	885	144.99	2.19	17.27	884
16.65	0.52	11.51	889	81.31	0.63	15.72	885	145.97	1.87	17.19	884
17.63	1.14	11.27	890	82.29	0.75	15.95	885	146.95	2.61	17.24	884
18.61	1.14	11.45	889	83.27	0.76	16.06	885	147.93	2.87	17.24	884
19.59	1.88	11.31	889	84.25	1.72	16.31	884	148.91	3.41	17.19	884
20.57	1.31	11.38	889	85.23	1.84	16.83	884	149.89	3.68	17.15	884
21.55	1.53	11.38	889	86.21	1.65	16.76	884	150.87	3.89	17.14	884
22.53	1.67	11.55	889	87.19	1.52	16.95	884	151.85	3.68	16.98	884
23.51	1.53	11.45	889	88.17	3.06	16.93	884	152.83	3.44	16.73	884
24.49	1.20	11.42	889	89.15	2.41	16.97	884	153.81	2.05	16.84	884
25.47	1.67	11.42	889	90.13	3.72	17.11	884	154.79	2.27	16.7	884
26.45	1.48	11.51	889	91.11	2.18	17.22	884	155.77	2.09	16.73	884
27.43	1.72	11.43	889	92.09	1.68	17.31	883	156.75	3.56	16.77	884
28.41	0.56	11.47	889	93.07	3.25	17.31	883	157.73	3.14	16.7	884
29.39	0.87	11.59	889	94.05	3.57	17.35	883	158.71	3.38	16.66	884
30.37	1.91	11.59	889	95.03	3.31	17.31	883	159.69	2.52	16.62	884
31.35	0.70	11.4	889	96.01	3.82	17.19	884	160.67	3.58	16.47	884
32.33	1.18	11.44	889	96.99	3.85	17.07	884	161.65	2.96	16.35	884
33.31	1.32	11.44	889	97.97	3.08	16.98	884	162.63	3.58	16.31	884
34.29	2.49	11.44	889	98.95	3.17	16.7	884	163.61	2.60	16.31	884
35.27	1.41	11.44	889	99.93	2.42	16.73	884	164.59	3.51	16.27	885
36.25	2.00	11.44	889	100.91	2.91	16.82	884	165.57	3.66	16.23	885
37.23	2.08	11.44	889	101.89	2.68	16.48	884	166.55	3.51	16.08	885
38.21	3.21	11.54	889	102.87	2.67	15.83	885	167.53	2.83	16.01	885
39.19	2.26	11.29	890	103.85	3.80	16.08	885	168.51	3.28	15.83	885
40.17	3.04	11.36	889	104.83	3.15	16.32	884	169.49	1.77	15.63	885
41.15	2.46	12.55	888	105.81	4.40	16.81	884	170.47	2.07	15.58	885
42.13	1.65	11.79	889	106.79	1.44	16.84	884	171.45	1.36	15.37	885
43.11	1.82	11.76	889	107.77	3.46	16.68	884	172.43	0.90	15.47	885
44.09	1.21	11.99	889	108.75	2.13	16.59	884	173.41	0.69	15.47	885
45.07	1.53	11.96	889	109.73	3.39	16.77	884	174.39	2.33	15.26	886
46.05	0.81	12.06	889	110.71	3.76	16.93	884	175.37	1.50	14.91	886
47.03	0.12	12.09	889	111.69	4.49	17.13	884	176.35	0.80	14.9	886
48.01	0.22	12.09	889	112.66	4.16	17.38	883	177.32	1.76	14.57	886
48.98	1.77	12.18	889	113.64	3.56	17.43	883	178.3	0.99	14.26	887
49.96	1.78	12.28	889	114.62	2.72	17.35	883	179.28	0.63	14.31	886
50.94	1.52	12.34	888	115.6	3.47	17.31	883	180.26	0.84	14.17	887
51.92	1.60	12.21	889	116.58	2.96	17.43	883	181.24	0.87	13.99	887
52.9	2.48	12.28	889	117.56	2.58	17.52	883	182.22	1.23	13.73	887
53.88	2.31	12.18	889	118.54	2.90	17.61	883	183.2	1.51	13.48	887
54.86	1.59	12.18	889	119.52	3.00	17.49	883	184.18	1.55	13.33	887
55.84	0.44	12.22	889	120.5	2.52	17.48	883	185.16	1.55	12.85	888
56.82	0.05	12.28	889	121.48	3.71	17.48	883	186.14	1.21	12.5	888
57.8	0.43	12.43	888	122.46	2.95	17.52	883	187.12	1.31	12.42	888
58.78	1.97	12.53	888	123.44	2.72	17.52	883	188.1	1.41	12.21	889
59.76	2.28	12.6	888	124.42	3.24	17.64	883	189.08	2.50	11.95	889
60.74	1.19	12.68	888	125.4	3.33	17.57	883	190.06	1.46	11.81	889
61.72	1.42	12.71	888	126.38	2.07	17.45	883	191.04	1.82	11.39	889
62.7	2.02	12.71	888	127.36	3.87	17.48	883	192.02	2.59	11.38	889
63.68	2.13	12.9	888	128.34	3.34	17.48	883	193	2.58	11.13	890
64.66	1.58	13.0	888	129.32	3.62	17.47	883				

Table 10. Distance from right bank, velocity, depth, and altitude data for Suwanee Creek transect 9 (SU-2) (see figure 3 for location), Fulton and Gwinnett Counties, Georgia, September 2004.

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
194.03	2.03	10.83	890	143.84	0.99	14.93	886	93.64	3.09	17.40	883
193.07	1.61	10.72	890	142.87	1.96	15.08	886	92.67	1.81	17.36	883
192.1	1.05	10.72	890	141.91	0.54	15.26	886	91.71	3.60	17.36	883
191.14	1.73	10.66	890	140.94	1.55	15.48	885	90.74	3.43	17.44	883
190.17	2.23	10.62	890	139.98	2.21	15.64	885	89.78	3.07	17.48	883
189.21	1.59	10.55	890	139.01	2.00	15.82	885	88.81	3.15	17.44	883
188.24	2.11	10.51	890	138.04	1.97	15.87	885	87.85	3.29	17.44	883
187.28	0.74	10.44	890	137.08	1.48	15.94	885	86.88	3.23	17.36	883
186.31	1.16	10.48	890	136.11	1.35	16.11	885	85.92	3.05	17.32	883
185.35	1.38	10.39	890	135.15	1.91	16.2	885	84.95	2.93	17.4	883
184.38	0.76	10.35	890	134.18	2.77	16.32	884	83.99	3.02	17.4	883
183.42	0.16	10.35	890	133.22	1.06	16.54	884	83.02	2.56	17.41	883
182.45	1.23	10.35	890	132.25	0.66	16.65	884	82.05	2.77	17.49	883
181.49	1.11	10.32	890	131.29	2.73	16.56	884	81.09	2.49	17.45	883
180.52	0.52	10.29	891	130.32	2.83	16.67	884	80.12	3.77	17.45	883
179.55	1.50	10.25	891	129.36	2.58	16.77	884	79.16	2.81	17.45	883
178.59	0.70	10.25	891	128.39	3.87	16.69	884	78.19	3.56	17.29	884
177.62	0.50	10.25	891	127.43	2.41	16.69	884	77.23	2.73	17.4	883
176.66	1.61	10.18	891	126.46	2.68	16.75	884	76.26	3.42	17.29	884
175.69	2.02	10.18	891	125.5	2.23	16.74	884	75.30	2.44	17.14	884
174.73	0.70	10.14	891	124.53	3.92	16.62	884	74.33	3.31	16.95	884
173.76	1.42	10.14	891	123.56	2.52	16.7	884	73.37	2.99	16.81	884
172.8	1.68	10.1	891	122.6	1.48	16.62	884	72.4	2.17	16.45	884
171.83	1.23	9.99	891	121.63	2.53	16.65	884	71.44	2.14	16.6	884
170.87	1.50	9.95	891	120.67	2.84	16.73	884	70.47	1.60	16.52	884
169.9	1.24	9.95	891	119.7	4.28	16.76	884	69.5	2.82	16.41	884
168.94	1.91	9.71	891	118.74	2.45	16.76	884	68.54	2.75	16.38	884
167.97	1.07	9.53	891	117.77	3.06	16.9	884	67.57	3.43	16.27	885
167	1.23	9.37	891	116.81	3.84	16.86	884	66.61	3.09	16.26	885
166.04	1.62	9.46	891	115.84	2.53	16.86	884	65.64	2.79	16.43	884
165.07	1.87	9.93	891	114.88	3.85	16.78	884	64.68	3.00	16.54	884
164.11	2.45	10.06	891	113.91	3.74	17.01	884	63.71	3.54	16.57	884
163.14	0.87	9.94	891	112.95	3.54	17.1	884	62.75	3.07	16.57	884
162.18	0.94	10.12	891	111.98	3.25	17.06	884	61.78	2.84	16.68	884
161.21	0.96	10.06	891	111.01	3.16	17.07	884	60.82	2.57	16.76	884
160.25	2.74	10.71	890	110.05	4.15	17.1	884	59.85	2.75	16.77	884
159.28	1.49	11.49	889	109.08	3.60	17.14	884	58.89	2.66	16.85	884
158.32	1.31	11.71	889	108.12	3.75	17.11	884	57.92	3.02	16.82	884
157.35	0.78	12.04	889	107.15	2.62	17.1	884	56.96	2.65	17.01	884
156.39	2.12	12.17	889	106.19	3.34	17.11	884	55.99	3.70	17.06	884
155.42	2.08	11.97	889	105.22	4.59	17.15	884	55.02	3.52	17.03	884
154.46	1.46	12.89	888	104.26	3.70	17.18	884	54.06	3.25	17.11	884
153.49	0.46	13.01	888	103.29	2.70	17.28	884	53.09	1.61	17.23	884
152.52	0.93	13.26	888	102.33	3.46	17.28	884	52.13	2.95	17.19	884
151.56	1.66	12.88	888	101.36	3.39	17.28	884	51.16	0.43	17.23	884
150.59	1.28	14.1	887	100.4	3.66	17.28	884	50.2	2.12	17.27	884
149.63	1.99	14.39	886	99.43	4.65	17.28	884	49.23	1.09	17.19	884
148.66	2.00	14.72	886	98.47	3.30	17.27	884	48.27	2.03	17.19	884
147.7	0.92	14.76	886	97.5	2.39	17.27	884	47.3	1.89	17.15	884
146.73	3.15	14.7	886	96.53	2.67	17.23	884	46.34	0.85	17.24	884
145.77	1.10	13.95	887	95.57	3.02	17.19	884	45.37	1.68	17.11	884
144.8	0.62	14.94	886	94.6	3.74	17.44	883	44.41	2.74	17.07	884

Table 10. Distance from right bank, velocity, depth, and altitude data for Suwanee Creek transect 9 (SU-2) (see figure 3 for location), Fulton and Gwinnett Counties, Georgia, September 2004.—Continued

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
43.44	1.76	16.97	884	28.0	2.05	15.81	885	13.51	1.96	14.38	886
42.48	1.71	16.78	884	27.03	1.05	15.69	885	12.55	1.46	14.4	886
41.51	2.06	16.88	884	26.06	0.97	15.62	885	11.58	1.91	14.25	887
40.54	1.18	16.73	884	25.1	0.68	15.38	885	10.62	2.07	14.18	887
39.58	1.79	16.84	884	24.13	0.21	15.43	885	9.65	1.23	13.99	887
38.61	1.77	16.64	884	23.17	0.90	15.35	885	8.69	1.50	13.88	887
37.65	2.01	16.76	884	22.2	0.87	15.2	886	7.72	1.80	13.84	887
36.68	1.23	16.67	884	21.24	2.33	15.12	886	6.76	1.51	13.06	888
35.72	1.09	16.59	884	20.27	0.86	15.0	886	5.79	0.57	13.25	888
34.75	1.48	16.55	884	19.31	2.66	14.93	886	4.83	0.15	13.69	887
33.79	2.34	16.52	884	18.34	0.79	14.86	886	3.86	0.30	13.66	887
32.82	2.28	16.42	884	17.38	1.69	14.79	886	2.90	1.26	13.62	887
31.86	1.35	16.25	885	16.41	2.04	14.72	886	1.93	0.66	13.58	887
30.89	2.17	16.21	885	15.45	2.06	14.67	886	0.97	0.27	13.58	887
29.93	1.28	15.99	885	14.48	1.61	14.56	886	0	0.48	13.54	887
28.96	1.04	15.87	885								

Table 11. Distance from right bank, velocity, depth, and altitude data for Suwanee Creek transect 10 (SU-2) (see figure 3 for location), Fulton and Gwinnett Counties, Georgia, September 2004.

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
1.00	1.15	13.25	888	63.0	1.59	13.72	887	124	3.54	17.54	883
2.00	1.23	13.19	888	64.0	1.01	13.76	887	125	3.00	17.53	883
3.00	1.40	13.14	888	65.0	2.16	13.83	887	126	2.46	17.45	883
4.00	1.87	13.14	888	66.0	1.09	14.05	887	127	2.06	17.36	883
5.00	1.83	13.17	888	67.0	1.33	14.12	887	128	3.31	17.24	884
6.00	1.48	13.1	888	68.0	0.91	14.12	887	129	2.20	17.31	883
7.00	1.11	13.1	888	69.0	1.36	14.57	886	130	3.09	17.36	883
8.00	2.04	13.06	888	70.0	1.08	14.67	886	131	2.45	17.32	883
9.00	1.23	13.03	888	71.0	0.28	14.91	886	132	2.27	17.36	883
10.0	1.11	12.96	888	72.0	0.77	14.99	886	133	2.33	17.37	883
11.0	1.17	12.96	888	73.0	0.75	15.14	886	134	2.80	17.37	883
12.0	1.66	12.96	888	74.0	2.61	15.28	886	135	3.31	17.37	883
13.0	1.34	12.91	888	75.0	1.48	15.52	885	136	3.64	17.33	883
14.0	1.03	12.91	888	76.0	1.53	15.61	885	137	2.53	17.24	884
15.0	1.23	12.85	888	77.0	2.47	15.76	885	138	3.28	17.4	883
16.0	0.89	12.88	888	78.0	3.30	15.94	885	139	3.28	17.33	883
17.0	0.82	12.78	888	79.0	2.12	16.14	885	140	3.29	17.29	884
18.0	1.39	12.78	888	80.0	1.77	16.29	885	141	3.20	17.4	883
19.0	1.94	12.74	888	81.0	1.66	16.62	884	142	3.43	17.28	884
20.0	1.44	12.74	888	82.0	1.33	16.78	884	143	2.52	17.32	883
21.0	1.42	12.71	888	83.0	2.40	16.82	884	144	3.34	17.23	884
22.0	1.40	12.61	888	84.0	1.54	16.83	884	145	3.59	17.23	884
23.0	0.82	12.57	888	85.0	1.07	17.0	884	146	3.55	17.27	884
24.0	2.47	12.5	888	86.0	2.51	17.39	883	147	3.30	17.23	884
25.0	1.61	12.36	888	87.0	2.96	17.16	884	148	3.90	17.07	884
26.0	0.67	12.31	888	88.0	1.75	17.23	884	149	3.03	16.99	884
27.0	2.31	12.31	888	89.0	0.90	17.15	884	150	3.15	16.99	884
28.0	2.14	12.09	889	90.0	3.86	17.19	884	151	3.84	16.84	884
29.0	1.85	12.0	889	91.0	2.99	17.15	884	152	3.81	16.73	884
30.0	0.84	12.0	889	92.0	3.97	17.02	884	153	3.61	16.64	884
31.0	2.03	11.88	889	93.0	3.75	16.76	884	154	4.26	16.6	884
32.0	1.41	11.81	889	94.0	3.52	16.64	884	155	3.34	16.61	884
33.0	0.41	11.81	889	95.0	1.12	16.61	884	156	2.59	16.36	884
34.0	1.43	11.78	889	96.0	1.92	16.54	884	157	2.61	16.38	884
35.0	0.49	11.71	889	97.0	3.97	16.41	884	158	1.91	16.26	885
36.0	0.76	11.71	889	98.0	2.55	16.34	884	159	1.84	16.23	885
37.0	1.85	11.68	889	99.0	1.15	16.38	884	160	3.27	16.08	885
38.0	1.71	11.64	889	100	2.72	16.54	884	161	3.57	16.08	885
39.0	1.11	11.64	889	101	2.50	16.60	884	162	3.05	15.73	885
40.0	1.02	11.56	889	102	4.15	16.80	884	163	1.66	15.62	885
41.0	0.85	11.6	889	103	3.13	16.75	884	164	1.83	15.4	885
42.0	1.30	11.67	889	104	3.15	16.56	884	165	2.04	15.4	885
43.0	1.14	11.63	889	105	2.40	16.63	884	166	2.66	15.48	885
44.0	1.82	11.87	889	106	2.93	17.08	884	167	1.50	15.28	886
45.0	3.19	11.9	889	107	2.74	17.35	883	168	1.40	15.15	886
46.0	1.16	11.93	889	108	2.00	17.41	883	169	1.64	14.85	886
47.0	0.94	12.05	889	109	2.64	17.33	883	170	1.36	14.56	886
48.0	2.17	12.15	889	110	3.06	17.32	883	171	0.80	14.27	887
49.0	1.29	12.25	889	111	2.49	17.40	883	172	0.49	14.16	887
50.0	1.19	12.41	888	112	2.24	17.36	883	173	2.31	13.87	887
51.0	1.84	12.48	888	113	2.62	17.53	883	174	1.86	13.69	887
52.0	0.97	12.6	888	114	2.98	17.49	883	175	1.78	13.5	887
53.0	1.37	12.54	888	115	3.38	17.49	883	176	1.98	13.2	888
54.0	1.09	12.61	888	116	3.17	17.40	883	177	1.43	12.92	888
55.0	2.81	12.45	888	117	3.50	17.36	883	178	1.01	12.64	888
56.0	1.88	13.0	888	118	2.64	17.36	883	179	2.72	12.48	888
57.0	1.57	13.03	888	119	2.70	17.28	884	180	1.63	12.23	889
58.0	2.55	13.1	888	120	4.51	17.36	883	181	0.97	12.02	889
59.0	2.95	13.21	888	121	4.61	17.37	883	182	1.34	11.95	889
60.0	2.43	13.24	888	122	4.14	17.46	883	183	2.64	11.85	889
61.0	2.34	13.39	887	123	1.99	17.5	883	184	2.78	11.7	889
62.0	2.56	13.49	887								

Table 12. Distance from right bank, velocity, depth, and altitude data for Suwanee Creek transect 12 (SU-3) (see figure 3 for location), Fulton and Gwinnett Counties, Georgia, September 2004.

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
1.31	1.28	15.03	885	63.97	2.46	16.94	883	126.64	3.07	18.35	881
2.61	1.23	15.07	885	65.28	1.77	16.82	883	127.94	4.07	18.16	882
3.92	1.27	15.07	885	66.58	3.02	16.88	883	129.25	3.20	18.05	882
5.22	1.48	15.04	885	67.89	3.03	16.86	883	130.56	3.44	18.12	882
6.53	1.98	15.0	885	69.19	2.19	16.84	883	131.86	3.88	18.01	882
7.83	0.94	15.0	885	70.5	2.23	16.74	883	133.17	2.32	18.08	882
9.14	2.49	15.07	885	71.81	2.57	16.92	883	134.47	3.08	18.04	882
10.44	0.82	15.22	884	73.11	3.05	16.94	883	135.78	2.97	18.0	882
11.75	2.09	15.19	885	74.42	3.38	16.98	883	137.08	2.87	17.87	882
13.06	2.07	15.04	885	75.72	2.68	16.94	883	138.39	3.42	17.76	882
14.36	1.50	15.09	885	77.03	2.53	16.82	883	139.69	2.59	17.63	882
15.67	1.25	15.33	884	78.33	4.43	16.85	883	141	2.32	17.69	882
16.97	2.54	15.36	884	79.64	2.87	16.73	883	142.31	3.23	17.65	882
18.28	3.17	15.07	885	80.94	2.34	17.01	883	143.61	2.89	17.57	882
19.58	1.78	15.22	884	82.25	1.98	17.12	883	144.92	2.01	17.49	882
20.89	2.20	15.32	884	83.56	2.37	17.2	883	146.22	1.54	17.62	882
22.19	1.70	15.29	884	84.86	2.10	17.19	883	147.53	1.58	17.53	882
23.5	2.98	15.39	884	86.17	2.23	17.23	882	148.83	2.28	17.45	882
24.81	3.15	15.51	884	87.47	2.33	17.23	882	150.14	2.52	17.49	882
26.11	2.96	15.58	884	88.78	2.09	17.31	882	151.44	2.61	17.49	882
27.42	2.78	15.59	884	90.08	2.66	17.39	882	152.75	2.41	17.36	882
28.72	3.33	15.71	884	91.39	1.99	17.32	882	154.06	2.78	17.28	882
30.03	3.17	15.58	884	92.69	2.31	17.36	882	155.36	2.83	17.36	882
31.33	2.37	15.74	884	94.0	1.60	17.36	882	156.67	1.78	17.45	882
32.64	3.03	14.43	885	95.31	2.03	17.32	882	157.97	2.33	17.49	882
33.94	2.86	15.93	884	96.61	3.72	17.41	882	159.28	1.14	17.41	882
35.25	1.92	15.77	884	97.92	1.93	17.41	882	160.58	0.99	16.95	883
36.56	2.65	15.89	884	99.22	3.40	17.46	882	161.89	1.28	17.16	883
37.86	0.94	15.86	884	100.53	2.08	17.66	882	163.19	2.56	17.15	883
39.17	1.71	15.77	884	101.83	2.20	17.47	882	164.5	1.16	17.15	883
40.47	1.38	15.77	884	103.14	3.00	17.53	882	165.81	2.59	17.0	883
41.78	2.02	15.96	884	104.44	3.08	17.60	882	167.11	0.35	17.23	882
43.08	2.22	15.89	884	105.75	3.95	17.65	882	168.42	0.17	16.65	883
44.39	1.68	15.93	884	107.06	2.75	17.65	882	169.72	1.35	16.4	883
45.69	1.36	16.15	884	108.36	2.88	17.62	882	171.03	0.50	16.38	883
47.0	1.16	16.11	884	109.67	5.00	17.73	882	172.33	0.34	16.19	884
48.31	0.70	16.41	883	110.97	3.04	17.8	882	173.64	1.15	15.53	884
49.61	1.29	16.7	883	112.28	3.94	17.88	882	174.94	0.28	15.31	884
50.92	2.49	16.65	883	113.58	3.94	17.96	882	176.25	1.88	14.38	885
52.22	1.17	16.77	883	114.89	2.64	18.06	882	177.56	2.83	14.49	885
53.53	1.43	16.81	883	116.19	2.33	18.11	882	178.86	1.65	14.03	886
54.83	2.51	16.65	883	117.5	1.65	18.04	882	180.17	0.25	13.73	886
56.14	1.39	16.73	883	118.81	3.72	18.25	881	181.47	1.04	13.37	886
57.44	2.02	16.9	883	120.11	2.97	18.28	881	182.78	0.13	13.05	887
58.75	1.77	16.74	883	121.42	3.60	18.46	881	184.08	1.02	12.8	887
60.06	1.75	16.97	883	122.72	2.99	18.4	881	185.39	0.45	12.59	887
61.36	2.06	16.95	883	124.03	2.77	18.38	881	186.69	1.87	12.3	887
62.67	2.29	16.9	883	125.33	3.43	18.52	881	188	0.56	12.16	888

Table 13. Distance from right bank, velocity, depth, and altitude data for Suwanee Creek transect 13 (SU-3) (see figure 3 for location), Fulton and Gwinnett Counties, Georgia, September 2004.

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
181.75	0.53	11.37	888	120.33	1.54	16.96	883	58.91	3.54	17.60	882
180.49	1.07	11.3	888	119.08	2.02	16.93	883	57.66	2.77	17.65	882
179.24	0.88	11.37	888	117.82	1.51	16.94	883	56.4	2.13	17.65	882
177.99	0.24	11.31	888	116.57	1.68	16.85	883	55.15	3.62	17.61	882
176.73	0.38	11.35	888	115.32	2.49	16.98	883	53.9	3.14	17.43	882
175.48	0.58	11.41	888	114.06	1.63	17.19	883	52.64	3.48	17.32	882
174.23	0.98	11.41	888	112.81	1.76	17.31	882	51.39	3.10	17.32	882
172.97	0.74	11.33	888	111.55	2.55	17.64	882	50.14	2.30	17.33	882
171.72	1.45	11.32	888	110.3	2.82	17.86	882	48.88	3.26	17.41	882
170.47	1.23	11.27	888	109.05	1.39	17.88	882	47.63	2.63	17.36	882
169.21	1.03	11.27	888	107.79	1.78	17.92	882	46.38	2.83	17.29	882
167.96	0.60	11.19	889	106.54	2.35	17.94	882	45.12	1.89	17.24	882
166.71	1.23	11.26	888	105.29	2.28	17.98	882	43.87	1.87	17.23	882
165.45	1.41	11.36	888	104.03	2.65	18.07	882	42.62	2.23	17.19	883
164.2	1.01	11.12	889	102.78	3.31	18.16	882	41.36	2.77	17.15	883
162.95	1.83	11.39	888	101.53	2.53	18.18	882	40.11	3.27	17.16	883
161.69	1.09	11.34	888	100.27	0.63	18.18	882	38.86	2.64	17.2	883
160.44	1.51	11.34	888	99.02	2.48	18.18	882	37.6	2.06	17.19	883
159.18	1.78	11.31	888	97.77	3.37	18.31	881	36.35	2.95	17.1	883
157.93	2.08	11.45	888	96.51	2.34	18.3	881	35.1	2.46	17.2	883
156.68	1.56	11.53	888	95.26	2.69	18.29	881	33.84	1.57	17.19	883
155.42	1.17	11.71	888	94.01	3.84	18.29	881	32.59	1.28	17.15	883
154.17	1.76	11.81	888	92.75	3.21	18.16	882	31.34	1.67	17.08	883
152.92	1.71	11.96	888	91.5	3.01	18.31	881	30.08	2.18	17.12	883
151.66	0.92	12.15	888	90.25	2.28	18.43	881	28.83	3.66	17.07	883
150.41	2.09	11.91	888	88.99	1.20	18.55	881	27.58	2.89	17.03	883
149.16	2.20	12.02	888	87.74	3.07	18.52	881	26.32	1.80	17.08	883
147.9	1.89	12.04	888	86.49	3.27	18.57	881	25.07	2.84	17.24	882
146.65	1.64	12.17	888	85.23	3.86	18.57	881	23.82	2.53	17.27	882
145.4	1.23	12.86	887	83.98	3.64	18.52	881	22.56	1.46	17.27	882
144.14	1.37	13.24	886	82.73	2.44	18.7	881	21.31	2.62	17.27	882
142.89	1.95	13.24	886	81.47	3.03	18.63	881	20.05	1.54	17.15	883
141.64	0.49	13.65	886	80.22	3.50	18.59	881	18.8	2.28	17.15	883
140.38	2.30	14.04	886	78.97	3.18	18.61	881	17.55	2.66	16.87	883
139.13	1.15	13.83	886	77.71	2.48	18.4	881	16.29	2.61	16.28	883
137.88	0.54	14.29	885	76.46	3.94	18.5	881	15.04	2.03	16.87	883
136.62	1.57	14.49	885	75.21	3.47	18.29	881	13.79	2.13	16.81	883
135.37	1.79	15.03	885	73.95	3.25	18.28	881	12.53	2.38	15.93	884
134.12	2.42	14.94	885	72.7	4.22	18.14	882	11.28	1.26	16.93	883
132.86	1.59	14.99	885	71.45	2.61	18.18	882	10.03	2.00	16.8	883
131.61	1.12	15.14	885	70.19	3.13	18.08	882	8.77	2.33	16.86	883
130.36	0.91	15.32	884	68.94	3.18	18.04	882	7.52	2.27	15.79	884
129.1	2.47	15.29	884	67.68	3.55	17.98	882	6.27	0.80	16.53	883
127.85	2.84	15.52	884	66.43	2.87	17.85	882	5.01	1.00	16.7	883
126.6	2.65	15.9	884	65.18	3.63	17.79	882	3.76	1.03	16.47	883
125.34	1.82	16.21	884	63.92	4.00	17.71	882	2.51	1.07	16.59	883
124.09	3.62	16.44	883	62.67	2.97	17.74	882	1.25	1.63	16.55	883
122.84	2.62	16.72	883	61.42	2.84	17.75	882	0	0.99	16.44	883
121.58	2.23	16.75	883	60.16	3.02	17.63	882				

Table 14. Distance from right bank, velocity, depth, and altitude data for Suwanee Creek transect 15 (SU-4) (see figure 3 for location), Fulton and Gwinnett Counties, Georgia, September 2004.

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
182.81	0.92	14.41	883	120.68	2.38	18.16	879	59.74	4.37	15.32	882
181.61	1.65	14.47	883	119.48	2.45	18.16	879	58.55	2.98	15.21	882
180.42	2.31	14.54	883	118.29	2.11	18.12	879	57.35	4.12	15.11	882
179.22	3.80	14.44	883	117.09	2.98	18.12	879	56.16	4.10	15.11	882
178.03	2.07	14.51	883	115.9	2.12	18.2	879	54.96	3.46	15.06	882
176.83	0.97	14.49	883	114.7	2.86	18.16	879	53.77	4.02	15.03	882
175.64	1.31	14.51	883	113.51	2.34	18.07	879	52.57	2.84	15.03	882
174.44	2.49	14.53	883	112.31	2.76	17.99	879	51.38	3.22	15.03	882
173.25	2.32	14.53	883	111.12	2.73	18.05	879	50.18	3.53	15.03	882
172.05	0.59	14.53	883	109.92	2.31	17.91	879	48.99	4.45	15.06	882
170.86	2.17	14.45	883	108.73	2.74	17.92	879	47.79	2.40	15.07	882
169.66	2.07	14.44	883	107.53	2.74	17.92	879	46.6	2.31	15.03	882
168.47	1.95	14.69	882	106.34	2.24	17.91	879	45.4	2.43	15.04	882
167.27	2.14	14.46	883	105.14	1.98	17.83	879	44.21	2.61	15.06	882
166.08	3.05	14.48	883	103.95	3.09	17.68	879	43.01	3.87	15.04	882
164.88	4.18	14.48	883	102.75	2.61	17.83	879	41.82	2.65	15.1	882
163.69	1.99	14.55	883	101.56	3.74	17.72	879	40.62	3.29	15.14	882
162.49	1.92	14.61	883	100.36	3.33	17.6	880	39.43	3.99	15.14	882
161.3	2.14	14.68	882	99.17	3.32	17.51	880	38.23	4.13	15.17	882
160.1	2.07	14.72	882	97.97	3.51	17.48	880	37.04	2.72	15.21	882
158.91	2.68	15.54	882	96.78	2.53	17.35	880	35.84	2.87	15.25	882
157.71	2.83	15.13	882	95.58	4.01	17.39	880	34.65	2.18	15.25	882
156.52	1.51	15.19	882	94.39	4.08	17.51	880	33.45	2.12	15.33	882
155.32	1.13	15.23	882	93.19	1.94	17.27	880	32.26	3.21	15.4	882
154.13	1.44	15.73	881	92.0	2.62	17.26	880	31.06	3.32	15.4	882
152.94	1.57	15.86	881	90.81	2.80	17.18	880	29.87	3.52	15.39	882
151.74	2.27	15.28	882	89.61	2.42	17.19	880	28.68	3.25	15.32	882
150.55	1.37	15.82	881	88.42	2.30	17.23	880	27.48	2.02	15.51	882
149.35	1.74	15.9	881	87.22	3.63	17.23	880	26.29	2.15	15.58	882
148.16	1.87	16.41	881	86.03	2.25	17.07	880	25.09	2.51	15.58	882
146.96	1.75	16.98	880	84.83	2.70	16.97	880	23.9	2.09	15.62	882
145.77	1.27	16.59	881	83.64	3.58	16.74	880	22.7	2.53	15.69	881
144.57	2.04	17.49	880	82.44	3.90	16.76	880	21.51	2.76	15.62	882
143.38	2.52	17.54	880	81.25	2.67	16.72	880	20.31	2.29	15.69	881
142.18	1.44	17.68	879	80.05	2.95	16.77	880	19.12	2.94	15.77	881
140.99	1.50	17.96	879	78.86	3.74	16.64	880	17.92	1.60	15.7	881
139.79	2.49	17.94	879	77.66	3.00	16.28	881	16.73	2.46	15.74	881
138.6	1.70	17.93	879	76.47	4.09	16.08	881	15.53	3.15	15.76	881
137.4	1.32	17.98	879	75.27	3.06	15.96	881	14.34	3.01	15.77	881
136.21	1.56	18.06	879	74.08	1.24	15.97	881	13.14	1.68	15.81	881
135.01	2.49	18.25	879	72.88	2.10	15.75	881	11.95	2.30	15.91	881
133.82	2.70	18.29	879	71.69	3.05	15.66	881	10.75	1.60	15.91	881
132.62	1.76	18.32	879	70.49	3.13	15.63	881	9.56	3.33	15.95	881
131.43	1.30	18.27	879	69.3	2.76	15.67	881	8.36	2.23	15.88	881
130.23	2.20	18.24	879	68.1	3.10	15.6	882	7.17	1.57	15.87	881
129.04	2.34	18.28	879	66.91	3.72	15.56	882	5.97	2.47	15.84	881
127.84	1.95	18.26	879	65.71	3.59	15.47	882	4.78	2.38	15.91	881
126.65	1.43	18.37	879	64.52	3.98	15.51	882	3.58	2.56	15.85	881
125.45	2.09	18.31	879	63.32	4.19	15.48	882	2.39	2.43	15.88	881
124.26	1.82	18.26	879	62.13	3.38	15.4	882	1.19	2.84	15.73	881
123.06	2.78	18.29	879	60.94	3.03	15.32	882	0	4.38	15.65	881
121.87	2.51	18.22	879								

Table 15. Distance from right bank, velocity, depth, and altitude data for Suwanee Creek transect 16 (SU-4) (see figure 3 for location), Fulton and Gwinnett Counties, Georgia, September 2004.

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
1.40	2.07	15.53	882	64.33	1.86	15.47	882	125.86	3.14	17.32	880
2.80	3.22	15.5	882	65.73	3.66	15.47	882	127.26	4.47	17.44	880
4.20	2.27	15.53	882	67.13	1.78	15.36	882	128.66	4.24	17.49	880
5.59	1.67	15.39	882	68.53	2.54	15.36	882	130.06	3.37	17.62	880
6.99	2.88	15.38	882	69.92	2.70	15.04	882	131.46	2.58	17.47	880
8.39	2.47	15.38	882	71.32	2.48	15.0	882	132.86	2.04	17.58	880
9.79	1.51	15.53	882	72.72	2.15	14.89	882	134.26	2.38	17.47	880
11.19	2.26	15.5	882	74.12	4.17	14.85	882	135.65	3.16	17.58	880
12.59	1.53	15.53	882	75.52	3.08	14.81	882	137.05	1.91	17.62	880
13.98	1.14	15.5	882	76.92	3.12	14.78	882	138.45	3.86	17.68	879
15.38	2.50	15.5	882	78.32	4.39	14.78	882	139.85	3.36	17.66	879
16.78	1.88	15.68	881	79.71	3.85	14.78	882	141.25	2.75	17.7	879
18.18	2.20	15.53	882	81.11	2.06	14.78	882	142.65	2.02	17.61	880
19.58	1.18	15.53	882	82.51	3.28	14.78	882	144.05	2.05	17.61	880
20.98	2.24	15.42	882	83.91	2.94	14.84	882	145.44	2.80	17.7	879
22.38	2.14	15.49	882	85.31	4.35	15.0	882	146.84	2.51	17.7	879
23.77	3.88	15.45	882	86.71	3.61	15.14	882	148.24	3.62	17.66	879
25.17	1.95	15.54	882	88.11	2.81	15.31	882	149.64	3.95	17.78	879
26.57	2.65	15.47	882	89.5	2.27	15.5	882	151.04	2.46	17.93	879
27.97	3.13	15.46	882	90.9	2.03	15.51	882	152.44	3.83	17.74	879
29.37	2.28	15.39	882	92.3	3.22	15.57	882	153.83	2.15	17.76	879
30.77	2.58	15.21	882	93.7	2.97	15.72	881	155.23	2.21	17.73	879
32.17	4.02	15.28	882	95.1	4.24	15.95	881	156.63	3.47	17.65	879
33.56	1.98	15.28	882	96.5	2.25	16.07	881	158.03	2.44	17.63	879
34.96	2.38	15.31	882	97.89	2.64	16.06	881	159.43	3.26	17.8	879
36.36	1.54	15.42	882	99.29	3.15	16.03	881	160.83	3.06	17.61	880
37.76	2.56	15.38	882	100.69	2.03	16.16	881	162.23	3.36	17.63	879
39.16	2.13	15.49	882	102.09	3.21	16.06	881	163.62	1.95	17.58	880
40.56	2.95	15.53	882	103.49	2.50	16.16	881	165.02	2.89	17.44	880
41.95	2.66	15.49	882	104.89	4.04	16.19	881	166.42	2.01	17.27	880
43.35	2.06	15.54	882	106.29	2.18	16.18	881	167.82	2.18	17.14	880
44.75	3.41	15.61	882	107.68	3.32	16.18	881	169.22	1.98	17.13	880
46.15	3.24	15.66	881	109.08	4.20	16.33	881	170.62	1.74	17.01	880
47.55	2.42	15.77	881	110.48	3.67	16.57	881	172.02	2.60	16.68	880
48.95	2.10	15.61	882	111.88	5.09	16.63	880	173.41	2.29	16.4	881
50.35	3.33	15.95	881	113.28	2.92	16.67	880	174.81	2.30	16.14	881
51.74	2.00	16.08	881	114.68	1.34	16.84	880	176.21	1.59	15.67	881
53.14	2.72	15.99	881	116.08	2.97	16.92	880	177.61	3.40	15.27	882
54.54	3.34	15.96	881	117.47	3.71	16.89	880	179.01	2.41	14.99	882
55.94	2.53	15.88	881	118.87	3.46	16.93	880	180.41	2.82	14.77	882
57.34	2.79	15.77	881	120.27	2.72	17.13	880	181.8	2.02	14.61	883
58.74	2.98	15.66	881	121.67	3.13	17.19	880	183.2	1.12	14.49	883
60.14	3.02	15.66	881	123.07	2.72	17.31	880	184.6	1.59	14.31	883
61.53	2.51	15.62	882	124.47	2.96	17.39	880	186	1.15	14.15	883
62.93	2.57	15.55	882								

Table 16. Distance from right bank, velocity, depth, and altitude data for Suwanee Creek transect 18 (SU-4) (see figure 3 for location), Fulton and Gwinnett Counties, Georgia, September 2004.

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
1.07	0.90	15.56	882	65.11	1.30	15.81	881	128.09	4.48	16.03	881
2.13	2.08	15.56	882	66.18	1.28	15.77	881	129.16	3.12	16.11	881
3.20	1.46	15.57	882	67.25	1.81	15.69	881	130.22	3.81	16.38	881
4.27	1.90	15.56	882	68.31	1.86	15.57	882	131.29	2.58	16.68	880
5.34	1.47	15.56	882	69.38	2.21	15.64	881	132.36	1.97	16.5	881
6.40	1.34	15.6	882	70.45	1.19	15.61	882	133.43	3.20	16.56	881
7.47	2.22	15.6	882	71.52	1.76	15.61	882	134.49	3.33	16.56	881
8.54	0.87	15.56	882	72.58	2.22	15.65	881	135.56	2.69	16.63	880
9.61	0.89	15.56	882	73.65	2.08	15.65	881	136.63	3.08	16.84	880
10.67	1.52	15.49	882	74.72	1.26	15.61	882	137.7	2.99	16.85	880
11.74	1.42	15.49	882	75.79	2.66	15.8	881	138.76	3.27	16.76	880
12.81	1.74	15.49	882	76.85	2.63	15.73	881	139.83	4.08	16.83	880
13.88	1.08	15.46	882	77.92	1.36	15.74	881	140.9	3.17	16.72	880
14.94	0.25	15.46	882	78.99	1.99	15.85	881	141.97	3.60	16.96	880
16.01	3.03	15.42	882	80.06	2.53	15.77	881	143.03	4.12	17.15	880
17.08	1.40	15.39	882	81.12	2.59	15.81	881	144.1	4.78	17.27	880
18.15	0.70	15.42	882	82.19	2.15	15.73	881	145.17	4.03	17.38	880
19.21	0.66	15.39	882	83.26	2.73	15.78	881	146.24	3.70	17.36	880
20.28	1.23	15.46	882	84.33	2.46	15.66	881	147.3	3.21	17.36	880
21.35	1.39	15.45	882	85.39	2.15	15.66	881	148.37	2.76	17.4	880
22.42	2.03	15.36	882	86.46	1.86	15.66	881	149.44	2.82	17.61	880
23.48	2.16	15.39	882	87.53	2.77	15.62	882	150.51	3.74	17.59	880
24.55	2.20	15.42	882	88.6	3.78	15.5	882	151.57	3.59	17.56	880
25.62	1.54	15.39	882	89.66	3.34	15.54	882	152.64	2.85	17.68	879
26.69	1.98	15.39	882	90.73	1.94	15.51	882	153.71	3.87	17.56	880
27.75	1.16	15.39	882	91.8	3.30	15.46	882	154.78	1.87	17.52	880
28.82	0.57	15.46	882	92.87	2.87	15.33	882	155.84	2.98	17.6	880
29.89	1.63	15.42	882	93.93	3.03	15.36	882	156.91	3.56	17.68	879
30.96	1.29	15.42	882	95.0	2.28	15.33	882	157.98	3.22	17.68	879
32.02	1.41	15.42	882	96.07	3.37	15.25	882	159.05	3.18	17.76	879
33.09	0.98	15.46	882	97.13	4.33	15.17	882	160.11	2.77	17.7	879
34.16	2.31	15.46	882	98.2	4.10	15.17	882	161.18	3.16	17.73	879
35.22	2.18	15.46	882	99.27	4.04	15.03	882	162.25	1.41	17.75	879
36.29	0.97	15.42	882	100.34	4.31	15.0	882	163.31	2.28	17.75	879
37.36	2.52	15.46	882	101.4	2.90	14.93	882	164.38	2.95	17.79	879
38.43	0.74	15.53	882	102.47	3.68	14.82	882	165.45	2.50	17.67	879
39.49	1.48	15.42	882	103.54	2.27	14.75	882	166.52	2.77	17.64	879
40.56	2.44	15.5	882	104.61	2.16	14.75	882	167.58	3.86	17.74	879
41.63	0.46	15.46	882	105.67	2.26	14.74	882	168.65	3.20	17.56	880
42.7	1.17	15.43	882	106.74	3.08	14.77	882	169.72	3.36	17.49	880
43.76	1.90	15.46	882	107.81	3.77	14.74	882	170.79	4.01	17.48	880
44.83	0.65	15.39	882	108.88	2.96	14.82	882	171.85	2.97	17.52	880
45.90	1.36	15.39	882	109.94	4.00	14.81	882	172.92	2.38	17.48	880
46.97	0.39	15.32	882	111.01	2.25	14.81	882	173.99	1.79	17.35	880
48.03	0.87	15.28	882	112.08	3.84	15.02	882	175.06	1.90	17.35	880
49.1	0.46	15.36	882	113.15	3.55	15.13	882	176.12	1.91	17.19	880
50.17	2.10	15.43	882	114.21	2.20	15.27	882	177.19	2.45	17.14	880
51.24	3.27	15.47	882	115.28	3.49	15.5	882	178.26	2.15	17.13	880
52.3	1.91	15.69	881	116.35	3.34	15.6	882	179.33	2.45	16.96	880
53.37	1.27	15.6	882	117.42	3.54	15.64	881	180.39	1.79	16.66	880
54.44	0.59	15.57	882	118.48	4.14	15.83	881	181.46	2.54	16.44	881
55.51	1.61	15.68	881	119.55	3.17	15.91	881	182.53	1.90	16.26	881
56.57	3.05	15.64	881	120.62	2.85	16.03	881	183.6	1.38	15.49	882
57.64	1.73	15.64	881	121.69	4.34	16.03	881	184.66	1.80	15.23	882
58.71	2.23	15.64	881	122.75	2.45	16.07	881	185.73	1.43	14.84	882
59.78	2.47	15.67	881	123.82	3.03	16.03	881	186.8	2.31	14.55	883
60.84	2.33	15.64	881	124.89	3.12	16.1	881	187.87	2.00	14.34	883
61.91	2.51	15.64	881	125.96	3.05	16.03	881	188.93	2.34	14.17	883
62.98	1.42	15.68	881	127.02	3.69	16.07	881	190	2.03	13.79	883
64.04	1.94	15.69	881								

Table 17. Distance from right bank, velocity, depth, and altitude data for Suwanee Creek transect 19 (SU-4) (see figure 3 for location), Fulton and Gwinnett Counties, Georgia, September 2004.

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
194.80	0.95	12.16	885	129.07	2.26	17.78	879	63.34	3.23	15.46	882
193.61	1.50	12.23	885	127.88	1.97	17.99	879	62.15	2.32	15.38	882
192.41	1.78	12.32	885	126.68	3.07	18.13	879	60.95	3.51	15.32	882
191.22	2.35	12.1	885	125.49	3.24	18.11	879	59.76	2.63	15.25	882
190.02	0.85	12.04	885	124.29	2.72	18.2	879	58.56	3.37	15.17	882
188.83	1.04	11.98	885	123.1	2.70	18.1	879	57.37	2.72	15.07	882
187.63	1.07	11.87	885	121.9	2.20	18.01	879	56.17	2.63	14.95	882
186.44	0.65	11.98	885	120.71	3.76	17.95	879	54.98	2.81	14.85	882
185.24	0.52	11.95	885	119.51	2.32	17.95	879	53.78	2.41	14.85	882
184.05	0.48	11.92	885	118.32	2.75	17.85	879	52.59	1.79	14.77	882
182.85	0.58	11.69	885	117.12	3.89	17.71	879	51.39	2.00	14.77	882
181.66	0.43	11.59	886	115.93	2.88	17.54	880	50.2	1.71	14.73	882
180.46	1.43	11.51	886	114.73	2.36	17.64	879	49.0	1.19	14.74	882
179.27	1.53	11.3	886	113.54	3.49	17.41	880	47.8	2.93	14.66	882
178.07	0.65	11.09	886	112.34	4.01	17.5	880	46.61	3.92	14.66	882
176.88	0.39	10.86	886	111.15	3.22	17.34	880	45.41	2.22	14.6	883
175.68	0.84	10.72	886	109.95	3.62	17.25	880	44.22	2.72	14.57	883
174.49	0.47	10.69	886	108.76	4.11	17.23	880	43.02	3.52	14.67	882
173.29	0.73	10.54	887	107.56	3.63	17.31	880	41.83	3.65	14.71	882
172.1	0.62	10.51	887	106.37	2.07	17.19	880	40.63	3.64	14.75	882
170.9	1.53	10.51	887	105.17	3.13	17.14	880	39.44	4.65	14.77	882
169.71	0.63	10.51	887	103.98	3.38	17.09	880	38.24	3.27	14.81	882
168.51	1.02	10.47	887	102.78	3.32	17.09	880	37.05	3.38	14.85	882
167.32	1.35	10.52	887	101.59	3.49	17.29	880	35.85	3.92	14.93	882
166.12	1.89	10.54	887	100.39	4.13	17.35	880	34.66	2.72	14.96	882
164.93	1.40	10.56	887	99.2	3.62	17.39	880	33.46	2.65	14.96	882
163.73	1.50	10.6	887	98.0	2.60	17.34	880	32.27	2.85	15.03	882
162.54	0.79	10.75	886	96.8	2.43	17.39	880	31.07	2.54	15.15	882
161.34	1.04	10.81	886	95.61	3.45	17.34	880	29.88	4.60	15.25	882
160.15	1.02	10.78	886	94.41	3.73	17.06	880	28.68	2.57	15.21	882
158.95	0.29	10.78	886	93.22	3.38	16.84	880	27.49	3.31	15.32	882
157.76	0.99	10.82	886	92.02	3.17	16.52	881	26.29	2.34	15.36	882
156.56	1.37	10.88	886	90.83	2.53	16.56	881	25.1	3.03	15.43	882
155.37	2.14	10.95	886	89.63	1.91	16.44	881	23.9	1.58	15.51	882
154.17	2.20	11.05	886	88.44	3.28	16.73	880	22.71	0.83	15.59	882
152.98	1.81	11.13	886	87.24	3.45	16.75	880	21.51	2.16	15.58	882
151.78	1.15	11.2	886	86.05	3.75	16.68	880	20.32	2.88	15.65	881
150.59	1.68	11.3	886	84.85	2.80	16.55	881	19.12	1.99	15.69	881
149.39	1.98	11.46	886	83.66	2.38	16.53	881	17.93	1.85	15.7	881
148.2	1.42	11.63	886	82.46	3.39	16.49	881	16.73	2.33	15.84	881
147	0.73	11.82	885	81.27	2.74	16.33	881	15.54	1.72	15.81	881
145.8	2.16	11.96	885	80.07	3.70	16.37	881	14.34	0.84	15.81	881
144.61	2.34	12.74	884	78.88	3.24	16.29	881	13.15	1.00	15.74	881
143.41	1.91	12.75	884	77.68	3.61	16.4	881	11.95	1.79	15.65	881
142.22	2.62	13.72	883	76.49	3.44	16.37	881	10.76	1.77	15.69	881
141.02	0.64	14.37	883	75.29	2.24	16.33	881	9.56	2.16	15.57	882
139.83	2.30	14.73	882	74.1	3.18	16.29	881	8.37	2.01	15.42	882
138.63	1.70	14.77	882	72.9	2.05	16.25	881	7.17	1.77	15.46	882
137.44	1.67	15.06	882	71.71	2.50	16.23	881	5.98	1.56	15.46	882
136.24	1.04	15.38	882	70.51	2.63	16.19	881	4.78	2.21	15.42	882
135.05	1.75	15.59	882	69.32	3.47	16.15	881	3.59	1.45	15.45	882
133.85	1.60	16.48	881	68.12	3.73	16.0	881	2.39	2.51	15.41	882
132.66	1.03	17.01	880	66.93	2.26	15.88	881	1.20	2.51	15.35	882
131.46	0.72	17.75	879	65.73	2.85	15.75	881	0	2.35	15.31	882
130.27	1.73	17.66	879	64.54	2.19	15.77	881				

Table 18. Distance from right bank, velocity, depth, and altitude data for Suwanee Creek transect 20 (SU-5) (see figure 3 for location), Fulton and Gwinnett Counties, Georgia, September 2004.

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
1.14	1.03	15.73	880	61.81	2.19	15.26	880	122.48	1.90	15.62	880
2.29	1.56	15.7	880	62.96	1.89	15.1	881	123.62	2.61	15.88	880
3.43	2.84	15.77	880	64.1	1.83	15.11	881	124.77	3.51	15.88	880
4.58	2.78	15.73	880	65.25	2.94	15.18	880	125.91	2.47	15.96	880
5.72	2.51	15.73	880	66.39	2.85	15.25	880	127.06	3.04	15.84	880
6.87	2.26	15.73	880	67.53	2.03	15.33	880	128.2	1.66	15.91	880
8.01	1.57	15.73	880	68.68	2.42	15.33	880	129.35	2.19	15.96	880
9.16	1.98	15.78	880	69.82	1.38	15.21	880	130.49	1.64	16.03	880
10.3	1.72	15.81	880	70.97	2.01	15.11	881	131.64	2.07	15.95	880
11.45	0.99	15.81	880	72.11	2.64	15.07	881	132.78	2.06	16.0	880
12.59	1.00	15.81	880	73.26	2.41	15.07	881	133.92	0.62	16.11	880
13.74	2.23	15.84	880	74.4	4.11	15.07	881	135.07	3.85	16.07	880
14.88	2.08	15.84	880	75.55	4.15	15.07	881	136.21	2.77	16.15	880
16.03	0.99	15.92	880	76.69	2.53	15.1	881	137.36	2.19	16.15	880
17.17	1.43	15.92	880	77.84	4.98	15.07	881	138.5	1.35	16.22	879
18.31	2.42	15.83	880	78.98	3.85	14.96	881	139.65	2.75	16.34	879
19.46	1.66	15.92	880	80.13	2.89	14.93	881	140.79	2.99	16.49	879
20.6	0.99	15.9	880	81.27	2.98	14.93	881	141.94	1.64	16.45	879
21.75	2.19	15.86	880	82.42	1.87	14.93	881	143.08	2.24	16.49	879
22.89	1.48	15.85	880	83.56	3.09	14.86	881	144.23	2.95	16.49	879
24.04	2.95	15.92	880	84.7	2.96	14.77	881	145.37	1.11	16.57	879
25.18	1.13	15.95	880	85.85	3.73	14.74	881	146.52	1.98	16.65	879
26.33	1.23	15.87	880	86.99	2.25	14.67	881	147.66	1.40	16.68	879
27.47	0.63	15.92	880	88.14	3.06	14.61	881	148.81	2.07	16.76	879
28.62	1.51	15.87	880	89.28	2.96	14.64	881	149.95	1.41	16.72	879
29.76	0.31	15.95	880	90.43	3.30	14.49	881	151.09	0.43	16.2	879
30.91	1.94	15.83	880	91.57	3.63	14.53	881	152.24	1.18	16.34	879
32.05	1.21	15.95	880	92.72	2.47	14.46	881	153.38	1.25	16.35	879
33.2	0.46	15.95	880	93.86	2.53	14.29	881	154.53	3.24	16.38	879
34.34	0.50	15.87	880	95.01	3.88	14.2	881	155.67	1.42	16.29	879
35.48	2.59	15.88	880	96.15	3.09	14.21	881	156.82	0.48	16.18	879
36.63	1.97	15.84	880	97.30	4.20	14.14	882	157.96	1.00	15.22	880
37.77	1.33	15.88	880	98.44	4.36	14.13	882	159.11	1.14	15.22	880
38.92	1.55	15.72	880	99.58	4.28	14.29	881	160.25	0.28	15.35	880
40.06	0.34	15.62	880	100.73	2.95	14.32	881	161.4	2.13	14.74	881
41.21	2.22	15.47	880	101.87	3.48	14.36	881	162.54	2.54	14.33	881
42.35	2.32	15.09	881	103.02	3.51	14.53	881	163.69	0.81	14.38	881
43.5	2.13	15.36	880	104.16	2.49	14.64	881	164.83	1.87	13.67	882
44.64	0.92	15.25	880	105.31	3.32	14.53	881	165.97	1.98	14.12	882
45.79	1.03	15.28	880	106.45	1.14	14.61	881	167.12	0.99	14.52	881
46.93	0.81	14.91	881	107.6	2.36	14.89	881	168.26	0.71	14.36	881
48.08	1.68	15.39	880	108.74	2.75	14.99	881	169.41	0.61	14.41	881
49.22	1.24	15.36	880	109.89	3.58	14.96	881	170.55	0.54	14.42	881
50.36	1.76	15.46	880	111.03	2.93	14.85	881	171.7	0.52	14.34	881
51.51	0.75	15.46	880	112.18	4.19	14.88	881	172.84	1.46	14.24	881
52.65	1.46	15.21	880	113.32	3.21	14.93	881	173.99	1.00	14.16	881
53.8	1.83	15.21	880	114.47	4.58	15.0	881	175.13	1.52	14.05	882
54.94	3.92	15.18	880	115.61	3.65	15.18	880	176.28	1.09	13.73	882
56.09	2.88	15.14	881	116.75	3.09	15.11	881	177.42	1.90	13.58	882
57.23	2.30	15.33	880	117.9	2.70	15.4	880	178.57	0.96	13.5	882
58.38	2.43	15.55	880	119.04	2.52	15.44	880	179.71	1.15	13.07	883
59.52	2.94	15.43	880	120.19	3.78	15.24	880	180.86	2.32	13.02	883
60.67	1.97	15.43	880	121.33	3.80	15.32	880	182	2.29	12.9	883

Table 19. Distance from right bank, velocity, depth, and altitude data for Suwanee Creek transect 21 (SU-5) (see figure 3 for location), Fulton and Gwinnett Counties, Georgia, September 2004.

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
175.70	2.46	10.68	885	115.83	2.77	15.72	880	55.96	3.31	14.78	881
174.4	2.00	9.52	886	114.53	3.31	15.45	880	54.66	1.38	14.81	881
173.1	2.33	10.63	885	113.23	1.38	15.33	880	53.36	2.32	14.85	881
171.79	2.51	10.54	885	111.93	2.95	15.28	880	52.06	3.69	14.92	881
170.49	1.73	10.47	885	110.63	2.29	15.11	881	50.76	2.93	14.96	881
169.19	2.49	10.35	885	109.32	2.16	15.18	880	49.46	3.28	14.95	881
167.89	0.51	8.67	887	108.02	1.86	15.29	880	48.15	2.16	14.95	881
166.59	0.64	8.78	887	106.72	1.91	15.4	880	46.85	3.20	14.95	881
165.29	2.18	10.41	885	105.42	2.24	15.47	880	45.55	1.69	15.07	881
163.99	1.64	10.32	885	104.12	2.51	15.51	880	44.25	1.85	15.14	881
162.68	1.67	10.32	885	102.82	3.96	15.28	880	42.95	2.36	15.22	880
161.38	1.01	10.37	885	101.51	2.37	15.06	881	41.65	3.48	15.26	880
160.08	0.67	10.41	885	100.21	2.70	15.26	880	40.35	0.80	15.29	880
158.78	0.61	10.46	885	98.91	4.21	15.18	880	39.04	1.70	15.28	880
157.48	1.58	9.34	886	97.61	2.57	15.13	881	37.74	1.82	15.26	880
156.18	1.12	10.76	885	96.31	2.29	15.0	881	36.44	2.87	15.22	880
154.88	0.42	9.42	886	95.01	4.22	14.85	881	35.14	3.39	15.25	880
153.57	2.12	11.13	885	93.71	3.14	14.89	881	33.84	0.84	15.44	880
152.27	1.10	11.02	885	92.4	2.41	15.15	881	32.54	1.66	15.50	880
150.97	0.48	11.52	884	91.1	1.54	15.14	881	31.24	0.73	15.50	880
149.67	1.91	11.67	884	89.8	2.99	14.99	881	29.93	2.41	15.51	880
148.37	2.54	12.05	884	88.5	1.77	14.92	881	28.63	2.07	15.44	880
147.07	0.27	12.61	883	87.2	2.64	14.85	881	27.33	1.48	15.01	881
145.76	2.14	12.85	883	85.9	2.82	14.66	881	26.03	2.32	15.14	881
144.46	0.90	12.89	883	84.6	3.50	14.67	881	24.73	1.93	14.83	881
143.16	1.71	13.19	882	83.29	2.80	14.58	881	23.43	3.53	15.21	880
141.86	1.00	12.9	883	81.99	3.54	14.59	881	22.12	2.09	15.25	880
140.56	1.80	14.62	881	80.69	3.12	14.55	881	20.82	1.46	15.4	880
139.26	1.48	14.75	881	79.39	4.01	14.44	881	19.52	1.95	15.5	880
137.96	1.90	14.77	881	78.09	2.41	14.17	881	18.22	1.82	15.69	880
136.65	2.82	15.17	880	76.79	3.39	14.17	881	16.92	1.09	15.02	881
135.35	2.26	14.05	882	75.49	3.74	14.16	882	15.62	3.37	15.3	880
134.05	3.13	16.11	880	74.18	2.28	14.14	882	14.32	2.47	15.43	880
132.75	1.17	16.0	880	72.88	2.39	14.11	882	13.01	2.87	15.36	880
131.45	1.00	16.33	879	71.58	2.26	14.07	882	11.71	1.22	14.7	881
130.15	0.96	16.71	879	70.28	3.43	14.03	882	10.41	2.10	15.24	880
128.85	1.21	16.89	879	68.98	3.89	14.08	882	9.11	2.83	15.12	881
127.54	2.16	16.86	879	67.68	3.53	14.15	882	7.81	3.71	14.51	881
126.24	1.86	16.9	879	66.38	3.54	14.26	881	6.51	3.72	15.24	880
124.94	2.10	16.95	879	65.07	4.64	14.32	881	5.21	1.40	15.18	880
123.64	2.11	16.79	879	63.77	3.76	14.42	881	3.90	2.28	15.25	880
122.34	1.81	16.61	879	62.47	2.92	14.57	881	2.60	1.56	15.29	880
121.04	0.54	16.44	879	61.17	2.66	14.54	881	1.30	2.68	15.29	880
119.74	1.54	16.35	879	59.87	3.40	14.65	881	0	2.10	15.29	880
118.43	1.52	16.19	879	58.57	1.46	14.64	881				
117.13	2.37	15.89	880	57.26	2.76	14.71	881				

Table 20. Distance from right bank, velocity, depth, and altitude data for Suwanee Creek transect 22 (SU-6) (see figure 3 for location), Fulton and Gwinnett Counties, Georgia, September 2004.

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
1.17	2.45	12.50	884	66.84	2.89	14.19	883	132.51	3.91	18.16	879
2.35	1.63	12.36	885	68.01	2.41	14.34	883	133.68	3.57	18.05	879
3.52	1.82	12.25	885	69.18	1.81	14.12	883	134.85	2.27	18.14	879
4.69	1.34	12.12	885	70.36	2.41	14.01	883	136.02	2.52	18.09	879
5.86	1.42	11.85	885	71.53	1.51	14.14	883	137.2	2.93	18.09	879
7.04	2.12	11.85	885	72.7	3.37	14.14	883	138.37	4.08	18.14	879
8.21	1.50	11.81	885	73.88	2.36	14.21	883	139.54	2.62	17.56	879
9.38	1.77	11.81	885	75.05	3.07	14.02	883	140.71	4.18	18.32	879
10.55	2.29	11.77	885	76.22	2.85	14.09	883	141.89	2.43	18.29	879
11.73	2.61	11.74	885	77.39	2.65	14.13	883	143.06	3.49	18.34	879
12.9	2.49	11.7	885	78.57	3.94	13.91	883	144.23	2.31	18.3	879
14.07	2.03	11.7	885	79.74	1.70	13.94	883	145.4	0.28	18.38	879
15.24	2.96	11.67	885	80.91	2.21	13.81	883	146.58	0.88	17.63	879
16.42	2.39	11.67	885	82.08	3.11	13.63	883	147.75	1.13	17.55	879
17.59	1.68	11.6	885	83.26	2.95	13.59	883	148.92	1.20	17.8	879
18.76	2.51	11.56	885	84.43	3.27	13.52	883	150.1	1.66	17.07	880
19.93	1.12	11.56	885	85.6	2.19	13.44	884	151.27	2.62	17.63	879
21.11	1.71	11.52	885	86.77	1.62	13.58	883	152.44	2.66	17.4	880
22.28	1.23	11.52	885	87.95	2.22	13.63	883	153.61	2.27	16.93	880
23.45	1.98	11.52	885	89.12	3.94	13.81	883	154.79	2.54	17.05	880
24.63	1.70	11.52	885	90.29	3.95	14.06	883	155.96	2.01	16.34	881
25.8	1.56	11.52	885	91.46	3.04	14.25	883	157.13	1.30	15.98	881
26.97	3.19	11.52	885	92.64	3.05	14.35	883	158.3	1.77	15.62	881
28.14	1.63	11.49	885	93.81	3.28	14.63	882	159.48	2.42	16.08	881
29.32	2.87	11.45	886	94.98	3.92	14.58	882	160.65	1.46	15.49	881
30.49	2.74	11.37	886	96.15	2.23	14.66	882	161.82	2.80	15.32	882
31.66	2.55	11.41	886	97.33	3.20	14.85	882	162.99	2.18	14.95	882
32.83	1.84	11.41	886	98.5	2.78	14.81	882	164.17	2.25	15.1	882
34.01	1.28	11.46	885	99.67	2.90	15.0	882	165.34	1.82	15.22	882
35.18	2.30	11.42	886	100.85	1.48	15.33	882	166.51	1.87	15.04	882
36.35	1.73	11.38	886	102.02	2.38	15.43	882	167.68	1.89	15.03	882
37.52	2.04	11.38	886	103.19	2.37	15.4	882	168.86	4.06	14.73	882
38.7	1.39	11.34	886	104.36	3.58	15.73	881	170.03	3.13	14.51	882
39.87	2.08	11.34	886	105.54	1.90	15.78	881	171.2	2.32	13.95	883
41.04	2.10	11.37	886	106.71	1.37	15.88	881	172.38	2.40	14.01	883
42.21	1.68	11.41	886	107.88	3.43	15.84	881	173.55	2.05	13.97	883
43.39	2.15	11.45	886	109.05	0.83	16.12	881	174.72	2.41	13.83	883
44.56	1.80	11.42	886	110.23	2.56	16.19	881	175.89	1.84	13.44	884
45.73	2.07	11.49	885	111.4	2.83	16.42	881	177.07	2.41	13.23	884
46.9	2.48	11.56	885	112.57	3.68	16.61	880	178.24	3.09	12.97	884
48.08	1.95	11.71	885	113.74	3.13	16.68	880	179.41	3.02	12.78	884
49.25	1.70	11.74	885	114.92	2.97	16.88	880	180.58	2.68	12.56	884
50.42	2.43	11.91	885	116.09	3.10	16.8	880	181.76	3.45	12.45	884
51.6	1.71	11.94	885	117.26	4.09	16.99	880	182.93	2.95	12.12	885
52.77	1.73	12.12	885	118.43	3.80	17.23	880	184.1	1.40	11.81	885
53.94	1.42	12.28	885	119.61	2.99	17.39	880	185.27	2.60	11.74	885
55.11	2.19	12.51	884	120.78	4.68	17.53	879	186.45	2.46	11.52	885
56.29	0.83	12.69	884	121.95	3.69	17.53	879	187.62	1.64	11.41	886
57.46	2.91	12.76	884	123.13	2.92	17.61	879	188.79	1.88	11.2	886
58.63	1.81	12.82	884	124.3	2.40	17.6	879	189.96	1.12	10.78	886
59.8	2.29	12.88	884	125.47	2.77	17.69	879	191.14	2.63	10.15	887
60.98	2.56	12.89	884	126.64	2.98	17.68	879	192.31	1.75	9.90	887
62.15	2.64	13.06	884	127.82	3.48	17.81	879	193.48	3.32	9.20	888
63.32	2.18	13.44	884	128.99	4.17	17.99	879	194.65	1.71	8.48	888
64.49	3.19	13.64	883	130.16	2.31	18.19	879	195.83	1.39	7.82	889
65.67	2.52	13.79	883	131.33	4.02	18.27	879	197	2.19	7.56	889

Table 21. Distance from right bank, velocity, depth, and altitude data for Suwanee Creek transect 23 (SU-6) (see figure 3 for location), Fulton and Gwinnett Counties, Georgia, September 2004.

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
207.34	2.18	6.21	891	137.67	1.91	17.04	880	68.01	4.19	15.43	882
205.68	0.55	5.73	891	136.02	1.86	17.38	880	66.35	3.01	15.25	882
204.02	0.77	5.17	892	134.36	3.11	17.61	879	64.69	2.03	14.84	882
202.37	1.74	7.08	890	132.7	4.27	17.63	879	63.03	2.96	14.76	882
200.71	1.64	6.48	890	131.04	2.63	18.32	879	61.37	3.23	14.4	883
199.05	0.49	6.61	890	129.38	4.94	18.37	879	59.71	2.91	14.31	883
197.39	2.47	6.53	890	127.72	4.75	18.47	878	58.06	2.28	14.23	883
195.73	2.04	7.49	889	126.06	3.42	18.48	878	56.4	2.47	14.13	883
194.07	1.61	7.46	889	124.4	4.23	18.39	879	54.74	4.09	14.02	883
192.41	1.18	7.65	889	122.75	2.67	18.34	879	53.08	1.96	13.98	883
190.75	1.73	8.94	888	121.09	2.87	18.17	879	51.42	3.41	13.91	883
189.1	1.67	9.69	887	119.43	3.13	18.31	879	49.76	2.72	13.88	883
187.44	0.62	9.98	887	117.77	0.86	18.25	879	48.1	1.90	13.84	883
185.78	0.24	10.35	887	116.11	1.51	18.05	879	46.44	3.86	13.74	883
184.12	1.36	10.69	886	114.45	2.88	18.03	879	44.79	2.24	13.7	883
182.46	1.66	11.29	886	112.79	3.84	18.16	879	43.13	3.13	13.7	883
180.8	3.00	12.11	885	111.13	2.45	17.86	879	41.47	2.45	13.78	883
179.14	2.35	12.37	885	109.48	1.75	17.87	879	39.81	3.70	13.7	883
177.48	3.01	12.67	884	107.82	1.83	17.83	879	38.15	2.78	13.74	883
175.83	2.71	12.85	884	106.16	2.81	17.79	879	36.49	2.82	13.85	883
174.17	4.02	13.04	884	104.5	4.65	17.71	879	34.83	2.68	13.85	883
172.51	3.36	13.35	884	102.84	2.18	17.64	879	33.17	3.34	13.92	883
170.85	2.70	13.55	883	101.18	2.93	17.72	879	31.52	2.94	14.06	883
169.19	3.14	13.78	883	99.52	3.38	17.52	879	29.86	3.05	14.14	883
167.53	3.13	13.89	883	97.87	2.65	17.28	880	28.2	2.32	14.29	883
165.87	1.71	13.85	883	96.21	2.65	17.13	880	26.54	2.82	14.11	883
164.21	2.63	13.93	883	94.55	2.87	17.03	880	24.88	2.76	14.13	883
162.56	2.84	13.89	883	92.89	3.59	16.65	880	23.22	2.20	14.21	883
160.9	1.52	14.14	883	91.23	2.65	16.67	880	21.56	1.06	14.46	882
159.24	1.70	14.5	882	89.57	3.25	16.55	880	19.9	2.74	14.57	882
157.58	1.73	14.64	882	87.91	2.70	16.37	881	18.25	3.37	14.37	883
155.92	2.22	14.66	882	86.25	4.04	16.29	881	16.59	2.55	14.41	883
154.26	2.64	14.8	882	84.6	2.93	16.14	881	14.93	1.74	14.25	883
152.6	2.19	15.14	882	82.94	2.44	15.8	881	13.27	1.95	14.08	883
150.94	1.41	15.32	882	81.28	3.36	15.77	881	11.61	2.83	13.93	883
149.29	0.62	15.4	882	79.62	1.90	15.66	881	9.95	3.94	13.85	883
147.63	1.29	15.91	881	77.96	2.99	15.62	881	8.29	2.70	13.69	883
145.97	3.41	15.88	881	76.3	4.04	15.62	881	6.64	2.66	13.41	884
144.31	2.80	16.33	881	74.64	3.53	15.69	881	4.98	1.55	13.2	884
142.65	2.61	16.99	880	72.98	2.99	15.75	881	3.32	1.49	12.94	884
140.99	2.59	17.24	880	71.33	2.49	15.69	881	1.66	2.27	13.01	884
139.33	3.57	16.92	880	69.67	3.35	15.51	881	0	1.52	12.97	884

Table 22. Distance from right bank, velocity, depth, and altitude data for Suwanee Creek transect 24 (SU-7) (see figure 3 for location), Fulton and Gwinnett Counties, Georgia, September 2004.

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
1.17	2.70	13.50	886	67.61	2.73	15.81	883	134.05	2.91	18.10	881
2.33	1.71	13.47	886	68.78	2.70	15.81	883	135.22	1.90	18.15	881
3.50	1.37	13.47	886	69.94	2.48	15.73	883	136.38	3.58	18.19	881
4.66	2.01	13.5	886	71.11	3.25	15.7	883	137.55	2.55	18.32	881
5.83	0.76	13.53	886	72.27	1.57	15.74	883	138.72	3.30	18.34	881
6.99	1.62	13.47	886	73.44	3.29	15.73	883	139.88	3.80	18.34	881
8.16	1.82	13.47	886	74.6	2.94	15.69	883	141.05	2.25	17.26	882
9.33	2.05	13.5	886	75.77	4.30	15.7	883	142.21	1.41	17.84	881
10.49	1.95	13.5	886	76.93	3.47	15.66	883	143.38	0.56	17.15	882
11.66	2.47	13.61	885	78.1	3.79	15.7	883	144.54	3.73	16.87	882
12.82	1.06	13.61	885	79.27	3.13	15.7	883	145.71	0.37	17.24	882
13.99	1.89	13.61	885	80.43	3.40	15.73	883	146.88	1.03	15.71	883
15.15	1.28	13.64	885	81.6	3.17	15.69	883	148.04	3.02	14.76	884
16.32	1.94	13.61	885	82.76	1.60	15.77	883	149.21	2.97	14.45	885
17.49	1.70	13.53	886	83.93	2.84	15.77	883	150.37	2.16	13.79	885
18.65	1.97	13.57	886	85.09	2.47	15.7	883	151.54	0.95	14.76	884
19.82	2.33	13.53	886	86.26	2.88	15.99	883	152.7	1.21	14.33	885
20.98	2.08	13.54	886	87.43	2.34	16.07	883	153.87	1.61	14.09	885
22.15	2.78	13.57	886	88.59	3.74	16.03	883	155.04	1.11	13.92	885
23.31	2.12	13.57	886	89.76	2.13	15.96	883	156.2	0.74	13.19	886
24.48	1.84	13.57	886	90.92	3.18	15.93	883	157.37	2.32	13.74	885
25.64	2.73	13.65	885	92.09	2.40	15.81	883	158.53	1.32	13.59	885
26.81	2.13	13.61	885	93.25	3.74	15.8	883	159.7	2.48	13.43	886
27.98	2.33	13.53	886	94.42	2.90	15.88	883	160.86	1.95	13.59	885
29.14	2.55	13.54	886	95.59	1.04	15.85	883	162.03	2.01	13.63	885
30.31	0.85	13.59	885	96.75	2.86	15.95	883	163.20	0.94	13.74	885
31.47	2.24	13.65	885	97.92	2.65	16.04	883	164.36	2.14	13.8	885
32.64	2.21	13.63	885	99.08	2.25	16.0	883	165.53	1.64	13.96	885
33.8	2.11	13.69	885	100.25	2.57	15.84	883	166.69	2.05	14.1	885
34.97	1.10	13.8	885	101.41	3.51	15.85	883	167.86	1.04	14.24	885
36.14	2.60	13.9	885	102.58	3.28	16.03	883	169.02	1.75	14.24	885
37.3	2.98	14.01	885	103.75	3.33	16.15	883	170.19	1.50	14.18	885
38.47	3.43	14.23	885	104.91	3.63	16.33	883	171.36	1.79	14.06	885
39.63	3.26	14.22	885	106.08	2.19	16.77	882	172.52	1.48	14.02	885
40.8	3.06	14.19	885	107.24	1.78	16.77	882	173.69	2.73	14.01	885
41.96	2.04	14.16	885	108.41	3.44	16.92	882	174.85	3.00	13.62	885
43.13	2.16	14.12	885	109.57	2.72	16.73	882	176.02	2.18	13.44	886
44.3	2.25	14.27	885	110.74	2.57	16.92	882	177.18	0.81	13.58	885
45.46	2.82	14.28	885	111.91	3.03	17.02	882	178.35	1.73	13.31	886
46.63	2.70	14.17	885	113.07	2.34	17.19	882	179.51	0.53	13.21	886
47.79	3.97	14.43	885	114.24	3.66	17.23	882	180.68	1.11	13.13	886
48.96	2.79	14.71	884	115.4	4.01	17.35	882	181.85	2.61	12.20	887
50.12	2.46	14.75	884	116.57	2.98	17.2	882	183.01	1.07	12.51	887
51.29	2.75	14.89	884	117.73	3.26	17.27	882	184.18	2.03	12.35	887
52.46	2.67	15.1	884	118.9	3.16	17.36	882	185.34	0.34	12.21	887
53.62	2.87	15.07	884	120.07	3.16	17.49	882	186.51	2.27	12.27	887
54.79	3.13	15.03	884	121.23	3.81	17.45	882	187.67	0.32	12.25	887
55.95	3.26	15.21	884	122.4	3.28	17.58	881	188.84	1.72	12.14	887
57.12	1.47	15.36	884	123.56	4.18	17.65	881	190.01	0.71	11.72	887
58.28	2.29	15.43	884	124.73	3.46	17.65	881	191.17	1.59	11.44	888
59.45	1.93	15.5	884	125.89	4.58	17.69	881	192.34	1.22	11.38	888
60.62	1.65	15.46	884	127.06	4.11	17.85	881	193.5	1.52	11.35	888
61.78	2.13	15.54	884	128.22	3.10	17.93	881	194.67	2.38	11.23	888
62.95	2.29	15.65	883	129.39	3.43	17.99	881	195.83	1.61	11.12	888
64.11	2.69	15.65	883	130.56	1.15	17.99	881	197	2.81	11.12	888
65.28	1.76	15.8	883	131.72	2.09	18.04	881				
66.44	2.98	15.81	883	132.89	3.21	18.12	881				

Table 23. Distance from right bank, velocity, depth, and altitude data for Suwannee Creek transect 25 (SU-7) (see figure 3 for location), Fulton and Gwinnett Counties, Georgia, September 2004.

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
193.52	1.01	9.40	890	128.52	2.16	14.12	885	63.52	3.16	16.07	883
192.05	1.58	9.31	890	127.05	2.41	13.79	885	62.05	3.09	15.97	883
190.57	0.70	9.36	890	125.57	0.85	14.48	885	60.57	2.76	15.73	883
189.09	0.86	8.95	890	124.09	2.01	15.51	884	59.09	1.92	15.77	883
187.61	1.56	8.82	890	122.61	1.46	15.28	884	57.61	3.73	15.96	883
186.14	0.40	8.62	890	121.14	3.87	15.58	883	56.14	4.22	15.66	883
184.66	1.00	8.54	891	119.66	2.36	15.98	883	54.66	3.15	15.7	883
183.18	1.46	8.47	891	118.18	2.83	15.51	884	53.18	2.37	15.69	883
181.7	0.23	7.78	891	116.7	2.58	17.36	882	51.7	1.80	15.73	883
180.23	0.88	7.94	891	115.23	2.78	17.59	881	50.23	3.40	15.81	883
178.75	0.63	7.99	891	113.75	3.40	17.81	881	48.75	2.71	15.8	883
177.27	0.79	8.90	890	112.27	2.27	17.88	881	47.27	2.79	15.96	883
175.8	1.29	8.93	890	110.8	2.22	17.84	881	45.8	2.96	16.04	883
174.32	0.63	8.51	891	109.32	2.31	18.09	881	44.32	3.72	15.88	883
172.84	1.49	9.79	889	107.84	3.33	17.96	881	42.84	3.96	15.88	883
171.36	1.09	9.43	890	106.36	3.67	17.99	881	41.36	2.13	15.92	883
169.89	1.89	9.41	890	104.89	2.99	17.86	881	39.89	3.04	15.96	883
168.41	1.95	9.84	889	103.41	3.39	17.88	881	38.41	2.85	15.93	883
166.93	0.10	9.96	889	101.93	3.04	17.79	881	36.93	2.71	15.85	883
165.45	0.53	10.88	888	100.45	3.45	17.75	881	35.45	2.73	16.01	883
163.98	0.54	11.18	888	98.98	2.91	17.76	881	33.98	2.88	15.97	883
162.5	0.90	11.56	888	97.5	4.31	17.67	881	32.5	3.24	16.04	883
161.02	0.67	11.83	887	96.02	3.85	17.61	881	31.02	2.55	15.74	883
159.55	0.25	12.08	887	94.55	3.89	17.52	882	29.55	2.06	15.62	883
158.07	0.72	12.27	887	93.07	3.53	17.5	882	28.07	1.70	15.65	883
156.59	1.92	12.65	886	91.59	3.12	17.41	882	26.59	2.17	15.47	884
155.11	1.74	12.92	886	90.11	4.19	17.37	882	25.11	2.64	15.54	884
153.64	1.78	13.21	886	88.64	3.31	17.25	882	23.64	2.67	15.43	884
152.16	1.78	13.47	886	87.16	3.16	17.31	882	22.16	1.60	15.46	884
150.68	1.39	13.86	885	85.68	1.86	17.27	882	20.68	0.69	15.39	884
149.2	1.81	14.16	885	84.2	3.04	17.15	882	19.2	1.52	15.39	884
147.73	1.30	14.32	885	82.73	1.95	17.19	882	17.73	2.16	15.43	884
146.25	1.22	14.28	885	81.25	1.27	17.27	882	16.25	2.84	15.17	884
144.77	1.29	14.36	885	79.77	2.61	16.98	882	14.77	2.88	14.93	884
143.3	1.17	14.39	885	78.3	2.17	16.84	882	13.3	3.30	14.99	884
141.82	2.22	13.77	885	76.82	2.39	16.68	882	11.82	3.08	14.93	884
140.34	0.82	15.29	884	75.34	2.04	16.92	882	10.34	2.29	14.82	884
138.86	1.89	14.25	885	73.86	3.02	16.69	882	8.86	2.87	14.78	884
137.39	4.07	13.72	885	72.39	3.15	16.6	882	7.39	2.78	14.7	884
135.91	1.43	12.85	886	70.91	3.37	16.4	883	5.91	1.48	14.73	884
134.43	3.83	13.58	885	69.43	3.03	16.33	883	4.43	2.86	14.76	884
132.95	2.48	13.87	885	67.95	4.63	16.45	883	2.95	2.14	14.69	884
131.48	2.79	13.23	886	66.48	3.55	16.34	883	1.48	2.79	14.61	884
130	2.08	13.33	886	65.0	3.10	16.14	883	0	3.13	14.44	885

44 Cross-Sectional Data for Selected Reaches of the Chattahoochee River

Table 24. Distance from right bank, velocity, depth, and altitude data for Suwanee Creek transect 26 (SU-8) (see figure 3 for location), Fulton and Gwinnett Counties, Georgia, September 2004.

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
1.27	1.62	12.53	886	62.27	0.63	16.48	882	123.27	2.90	17.55	881
2.54	2.81	12.42	886	63.54	2.49	16.45	882	124.54	4.86	17.42	881
3.81	2.32	12.42	886	64.81	2.40	16.8	882	125.81	1.51	17.58	881
5.08	1.73	12.39	886	66.08	2.63	16.64	882	127.08	3.28	17.66	881
6.35	1.74	12.42	886	67.35	3.05	16.68	882	128.35	2.43	17.61	881
7.63	2.09	12.35	886	68.63	3.10	16.8	882	129.63	2.87	17.48	881
8.90	1.31	12.31	886	69.9	3.05	16.92	882	130.9	2.06	17.36	881
10.17	1.20	12.27	886	71.17	2.37	16.81	882	132.17	2.46	17.2	881
11.44	1.85	12.24	886	72.44	2.55	17.0	882	133.44	2.30	16.9	882
12.71	0.38	12.53	886	73.71	2.53	17.19	881	134.71	2.41	16.58	882
13.98	2.03	12.53	886	74.98	3.63	17.19	881	135.98	1.84	16.64	882
15.25	2.39	12.34	886	76.25	4.07	17.23	881	137.25	1.45	16.36	882
16.52	1.60	12.34	886	77.52	2.44	17.23	881	138.52	2.52	16.02	883
17.79	1.24	12.41	886	78.79	2.35	17.23	881	139.79	3.23	15.65	883
19.06	3.13	12.35	886	80.06	1.45	17.07	882	141.06	2.18	15.43	883
20.33	1.44	12.31	886	81.33	3.56	16.95	882	142.33	0.75	15.24	883
21.6	1.22	12.27	886	82.6	3.32	16.77	882	143.6	2.48	14.84	884
22.88	1.34	12.24	886	83.88	3.47	16.93	882	144.88	1.29	14.83	884
24.15	1.91	12.27	886	85.15	2.41	16.98	882	146.15	1.85	14.48	884
25.42	0.55	12.31	886	86.42	2.33	16.99	882	147.42	3.16	13.92	885
26.69	0.88	12.38	886	87.69	4.03	17.0	882	148.69	1.78	13.2	885
27.96	1.56	12.44	886	88.96	3.41	17.04	882	149.96	3.00	13.43	885
29.23	2.10	12.51	886	90.23	2.52	17.15	881	151.23	2.24	13.05	886
30.5	1.05	12.62	886	91.5	3.41	17.36	881	152.5	1.50	12.9	886
31.77	0.42	12.76	886	92.77	2.58	17.45	881	153.77	1.93	12.32	886
33.04	1.67	12.87	886	94.04	3.04	17.45	881	155.04	1.16	12.52	886
34.31	1.22	12.61	886	95.31	3.82	17.45	881	156.31	3.81	12.35	886
35.58	1.21	13.08	886	96.58	3.30	17.61	881	157.58	1.25	12.38	886
36.85	1.52	12.81	886	97.85	2.16	17.61	881	158.85	2.41	12.69	886
38.13	1.03	12.83	886	99.12	3.39	17.61	881	160.13	3.20	12.53	886
39.4	2.42	12.88	886	100.4	3.47	17.65	881	161.4	2.17	12.45	886
40.67	1.38	12.69	886	101.67	3.82	17.49	881	162.67	1.65	12.85	886
41.94	2.09	12.56	886	102.94	3.57	17.62	881	163.94	1.39	12.83	886
43.21	0.75	12.79	886	104.21	3.45	17.61	881	165.21	2.19	12.9	886
44.48	1.25	12.91	886	105.48	3.78	17.61	881	166.48	2.39	12.94	886
45.75	0.87	12.8	886	106.75	3.39	17.65	881	167.75	1.05	13.0	886
47.02	0.35	13.67	885	108.02	2.36	17.57	881	169.02	2.88	13.01	886
48.29	1.55	13.92	885	109.29	3.50	17.53	881	170.29	3.26	13.0	886
49.56	2.14	14.27	884	110.56	2.80	17.38	881	171.56	1.40	13.05	886
50.83	1.58	14.3	884	111.83	2.36	17.5	881	172.83	1.38	12.86	886
52.1	1.35	14.33	884	113.1	4.05	17.32	881	174.1	2.75	12.93	886
53.38	1.29	14.65	884	114.38	2.53	17.58	881	175.38	2.38	12.87	886
54.65	0.13	14.79	884	115.65	2.63	17.52	881	176.65	1.31	12.83	886
55.92	1.95	15.03	884	116.92	3.20	17.68	881	177.92	2.67	12.75	886
57.19	2.29	15.37	883	118.19	3.31	17.68	881	179.19	2.89	12.71	886
58.46	2.17	15.74	883	119.46	2.23	17.68	881	180.46	1.97	12.53	886
59.73	2.20	15.93	883	120.73	1.99	17.59	881	181.73	1.43	12.41	886
61.0	2.13	15.84	883	122	2.97	17.68	881	183	1.59	12.35	886

Table 25. Distance from right bank, velocity, depth, and altitude data for Suwanee Creek transect 27 (SU-8) (see figure 3 for location), Fulton and Gwinnett Counties, Georgia, September 2004.

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
177.74	1.65	12.39	886	117.23	2.28	12.42	886	56.73	1.99	17.19	881
176.48	2.31	12.39	886	115.97	3.14	12.86	886	55.46	3.85	17.11	882
175.22	2.16	12.46	886	114.71	1.89	12.87	886	54.2	3.05	16.95	882
173.96	2.44	12.46	886	113.45	2.33	12.85	886	52.94	2.10	16.73	882
172.7	1.10	12.49	886	112.19	3.22	13.54	885	51.68	2.94	16.96	882
171.44	2.18	12.46	886	110.93	3.78	13.66	885	50.42	2.79	16.73	882
170.18	1.21	12.42	886	109.67	3.64	13.72	885	49.16	2.57	16.89	882
168.92	1.24	12.42	886	108.41	0.74	14.7	884	47.9	2.44	16.77	882
167.65	2.17	12.35	886	107.15	3.74	15.16	883	46.64	2.97	16.89	882
166.39	2.74	12.46	886	105.89	3.41	15.54	883	45.38	3.30	16.81	882
165.13	1.32	12.5	886	104.63	1.83	15.83	883	44.12	1.97	17.08	882
163.87	0.66	12.46	886	103.37	1.95	16.07	883	42.86	3.57	17.2	881
162.61	1.69	12.46	886	102.11	3.61	15.65	883	41.6	2.68	17.07	882
161.35	0.89	12.5	886	100.85	3.72	16.25	882	40.34	3.06	16.99	882
160.09	0.69	12.57	886	99.58	3.57	16.39	882	39.08	2.63	17.24	881
158.83	1.15	12.57	886	98.32	3.21	16.58	882	37.82	3.15	17.36	881
157.57	1.92	12.57	886	97.06	3.58	16.77	882	36.56	2.03	16.99	882
156.31	1.69	12.54	886	95.8	3.04	16.83	882	35.3	2.47	17.52	881
155.05	0.94	12.57	886	94.54	3.61	16.9	882	34.04	3.41	17.3	881
153.79	1.48	12.57	886	93.28	5.31	16.6	882	32.77	2.47	17.1	882
152.53	1.35	12.5	886	92.02	4.13	16.88	882	31.51	1.84	16.58	882
151.27	1.79	12.54	886	90.76	4.80	16.8	882	30.25	2.90	16.4	882
150.01	1.43	12.54	886	89.5	3.52	16.75	882	28.99	1.70	16.53	882
148.75	2.71	12.57	886	88.24	4.08	16.59	882	27.73	3.56	16.49	882
147.49	1.95	12.6	886	86.98	2.94	17.13	882	26.47	2.32	16.29	882
146.23	1.28	12.65	886	85.72	2.50	17.19	881	25.21	2.94	16.29	882
144.96	1.50	12.49	886	84.46	3.52	17.15	881	23.95	1.69	16.13	883
143.7	1.46	12.75	886	83.2	2.66	16.91	882	22.69	1.88	15.68	883
142.44	2.15	12.79	886	81.94	2.88	16.85	882	21.43	2.98	15.38	883
141.18	3.18	12.97	886	80.68	3.04	16.85	882	20.17	3.27	15.22	883
139.92	0.54	13.0	886	79.42	3.05	17.02	882	18.91	2.81	14.99	884
138.66	1.42	13.01	886	78.15	3.29	17.15	881	17.65	2.32	14.82	884
137.4	1.36	11.79	887	76.89	3.37	17.4	881	16.39	1.29	14.73	884
136.14	4.05	13.09	886	75.63	3.69	17.36	881	15.13	2.75	14.58	884
134.88	2.47	13.33	885	74.37	3.96	17.4	881	13.87	2.51	14.44	884
133.62	3.64	13.44	885	73.11	2.87	17.44	881	12.61	1.39	14.35	884
132.36	2.32	13.06	886	71.85	3.91	17.67	881	11.35	2.06	14.39	884
131.1	1.35	13.64	885	70.59	3.19	17.65	881	10.08	1.98	13.99	885
129.84	2.51	12.27	886	69.33	2.89	17.65	881	8.82	1.08	13.82	885
128.58	2.65	12.58	886	68.07	1.99	17.65	881	7.56	1.64	13.88	885
127.32	1.44	13.18	885	66.81	2.01	17.65	881	6.30	0.70	13.89	885
126.06	1.42	13.44	885	65.55	3.60	17.57	881	5.04	1.71	13.28	885
124.8	2.89	13.37	885	64.29	3.48	17.53	881	3.78	2.50	13.04	886
123.54	3.47	12.97	886	63.03	2.96	17.4	881	2.52	0.79	12.9	886
122.27	2.43	13.04	886	61.77	3.55	17.24	881	1.26	1.63	12.74	886
121.01	2.12	13.31	885	60.51	2.62	17.28	881	0	1.76	12.66	886
119.75	1.70	12.71	886	59.25	3.29	17.19	881				
118.49	2.59	12.38	886	57.99	3.20	17.15	881				

Table 26. Distance from right bank, velocity, depth, and altitude data for Jones Bridge Shoals (see figure 4 for location), Fulton and Gwinnett Counties, Georgia, July 2004.

[ft, foot; ft/s, foot per second; —, data not available; NAVD 88, North American Vertical Datum of 1988]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
Transect 1 (JBS-1)				Transect 3 (JBS-3)				Transect 5 (JBS-5)—Continued			
5	0.83	0.60	886	44	1.38	1.75	885	92	1.27	3.10	875
38	0.48	0.60	886	61	1.13	2.81	884	108	3.11	2.00	876
71	2.86	2.20	886	75	1.14	0.60	886	135	0.86	1.55	877
89	1.01	1.40	884	94	1.16	1.60	885	151	1.45	1.35	877
97	3.36	0.90	885	110	1.22	0.55	886	167	3.16	1.35	877
108	1.42	1.40	886	125	0.59	1.60	885	190	0.40	1.55	877
121	1.46	2.40	885	139	2.63	1.15	886	212	3.43	1.70	876
135	2.25	1.50	884	156	1.67	0.95	886	230	2.67	1.90	876
146	0.81	1.30	885	176	2.35	1.40	885	254	3.13	1.65	876
157	1.44	1.80	885	194	2.63	1.50	885	274	1.70	1.55	877
172	3.33	2.80	885	210	2.85	0.80	886	297	2.99	1.60	876
182	1.40	2.40	884	230	2.34	1.05	886	312	1.16	1.75	876
200	8.17	0.90	884	246	1.86	7.55	879	328	2.55	1.45	877
212	2.03	2.30	886	264	2.15	2.00	885	348	0.96	1.90	876
223	3.51	2.80	884	279	2.45	2.00	885	364	0	0	878
235	0.77	2.10	884	292	2.26	1.93	885	Transect 6 (JBS-6)			
249	2.37	1.20	884	310	2.59	1.50	885	26	2.05	3.80	875
267	2.74	1.40	885	328	2.09	1.65	885	39	2.74	3.10	876
277	1.76	1.80	885	351	0.58	1.56	885	59	1.28	2.61	876
292	2.74	0.90	885	371	1.25	1.62	885	82	1.38	2.25	877
315	2.88	2.40	886	387	1.14	1.42	885	102	1.84	1.55	878
331	1.15	0.30	884	404	0	0	887	131	1.85	1.60	878
348	1.92	1.60	886	Transect 4 (JBS-4)				159	0.68	1.65	877
361	0.74	1.90	885	10	0.23	2.80	882	177	1.78	1.40	878
374	1.03	2.20	884	23	1.25	3.85	881	194	1.07	2.05	877
381	0	0	888	46	1.92	4.20	881	241	—	2.60	877
Transect 2 (JBS-2)				57	1.34	3.50	881	256	2.01	2.35	877
61	3.02	3.00	885	82	0.64	2.61	882	281	1.77	1.73	877
69	2.46	2.10	886	97	1.01	2.10	883	294	1.08	0.30	879
84	3.94	2.65	885	118	0.80	2.50	882	310	0	0	879
95	4.02	2.20	886	144	1.96	1.32	883	Transect 7 (JBS-7)			
108	3.71	2.10	886	164	1.96	1.42	883	10	2.98	1.05	881
125	2.05	0.60	887	189	2.14	1.25	883	23	2.98	1.90	881
138	2.33	1.35	887	210	0.56	0.90	884	34	2.28	2.80	880
153	0.83	1.60	886	231	1.65	0.25	884	52	2.18	2.60	880
171	3.44	2.40	886	253	2.52	1.55	883	66	2.10	2.65	880
184	2.85	0.86	887	271	1.95	0.95	884	85	2.78	2.30	880
200	3.06	0.80	887	299	2.84	1.40	883	108	2.14	1.85	881
218	2.37	0.85	887	318	3.13	1.70	883	131	1.81	1.55	881
233	1.22	2.10	886	335	1.03	2.40	882	153	2.10	2.15	880
246	6.24	0.60	887	354	1.98	1.45	883	176	2.15	1.90	881
258	3.14	1.15	887	374	1.73	2.20	883	200	2.26	1.23	881
272	2.59	2.60	885	397	1.55	1.60	883	226	2.39	2.45	880
281	0.58	1.15	887	413	0.18	1.30	883	251	1.92	2.00	880
312	0.71	0.80	887	423	0	0	885	276	2.48	2.15	880
328	0.43	0.56	887	Transect 5 (JBS-5)				297	2.45	1.65	881
348	1.16	1.85	886	3	1.10	1.88	876	325	2.05	1.45	881
358	1.33	2.85	885	16	1.42	1.95	876	341	0.68	1.20	881
367	2.48	2.90	885	30	1.42	4.50	874	344	0	0	882
394	1.34	2.35	886	46	1.72	3.90	874				
407	0.67	0.40	888	61	1.58	3.45	875				
417	0	0	888	79	1.42	1.73	876				

Table 26. Distance from right bank, velocity, depth, and altitude data for Jones Bridge Shoals (see figure 4 for location), Fulton and Gwinnett Counties, Georgia, July 2004.—Continued

[ft, foot; ft/s, foot per second; —, data not available; NAVD 88, North American Vertical Datum of 1988]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
Transect 8 (JBS-8)				Transect 9 (JBS-9)				Transect 10 (JBS-10)			
33	1.43	2.05	880	43	3.30	3.00	881	7	1.35	1.50	883
52	1.57	3.00	879	59	2.45	2.60	881	30	2.94	2.00	883
79	2.10	3.40	878	79	2.35	1.30	883	51	2.35	2.00	883
100	2.20	2.45	879	110	2.02	0.43	884	71	2.46	2.35	882
121	2.06	2.20	880	131	2.15	0.72	883	90	2.87	2.35	882
143	2.42	2.77	879	159	2.51	1.00	883	110	3.54	1.50	883
161	2.85	2.95	879	185	1.93	0.95	883	138	0.88	0.55	884
182	2.60	1.00	881	215	2.92	0.95	883	174	0.86	2.75	882
208	2.15	1.85	880	246	2.68	2.00	882	207	2.76	2.40	882
233	2.38	2.50	879	276	2.09	2.10	882	230	1.45	2.60	882
251	1.44	3.50	878	300	0.49	2.48	881	251	1.94	2.20	882
269	2.05	2.75	879	325	0.98	3.25	881	264	2.13	2.00	883
284	0.75	3.35	879	341	2.25	2.95	881	285	1.94	1.50	883
299	1.30	1.95	880	364	1.09	1.00	883	305	0.83	2.05	883
308	0	0	882	387	0	0	884	318	0	0	885

48 Cross-Sectional Data for Selected Reaches of the Chattahoochee River

Table 27. Distance from left bank, velocity, depth, and altitude data for Big Creek transect 1 (BC-1) (see figure 5 for location), Fulton County, Georgia, September 2004.

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
1.20	2.81	9.48	848	50.26	2.44	9.54	848	99.33	2.68	8.75	849
2.39	1.28	9.48	848	51.46	1.79	9.58	848	100.52	2.61	8.72	849
3.59	1.59	9.37	848	52.66	2.11	9.70	848	101.72	1.83	8.71	849
4.79	2.08	9.41	848	53.85	1.83	9.65	848	102.92	3.62	8.53	849
5.98	1.97	9.44	848	55.05	1.86	9.55	848	104.11	2.96	8.67	849
7.18	1.80	9.41	848	56.25	2.39	9.52	848	105.31	1.45	8.64	849
8.38	2.27	9.41	848	57.44	2.18	9.51	848	106.51	2.96	8.59	849
9.57	1.76	9.41	848	58.64	2.54	9.47	848	107.7	2.43	8.56	849
10.77	2.78	9.41	848	59.84	1.77	9.47	848	108.9	2.34	8.67	849
11.97	2.84	9.40	848	61.03	1.74	9.44	848	110.1	3.45	8.71	849
13.16	2.96	9.37	848	62.23	2.70	9.37	848	111.3	2.77	8.64	849
14.36	2.30	9.37	848	63.43	2.47	9.29	849	112.49	1.71	8.64	849
15.56	1.11	9.37	848	64.62	3.74	9.26	849	113.69	3.06	8.75	849
16.75	2.27	9.37	848	65.82	1.80	9.15	849	114.89	3.09	8.87	849
17.95	2.68	9.37	848	67.02	1.56	9.07	849	116.08	1.03	8.83	849
19.15	1.56	9.37	848	68.21	2.26	9.00	849	117.28	2.73	8.75	849
20.34	2.26	9.37	848	69.41	2.63	8.97	849	118.48	3.37	8.71	849
21.54	1.99	9.37	848	70.61	2.52	8.90	849	119.67	2.71	8.78	849
22.74	2.46	9.37	848	71.8	1.19	8.76	849	120.87	4.01	8.71	849
23.93	1.84	9.37	848	73.0	1.38	8.64	849	122.07	3.31	8.56	849
25.13	2.26	9.40	848	74.2	1.52	8.60	849	123.26	3.97	8.53	849
26.33	1.60	9.44	848	75.39	2.74	8.49	849	124.46	2.77	8.52	849
27.52	2.27	9.44	848	76.59	2.32	8.42	849	125.66	2.71	8.56	849
28.72	4.16	9.56	848	77.79	1.84	8.46	849	126.85	3.20	8.19	850
29.92	2.95	9.52	848	78.98	2.24	8.45	849	128.05	4.62	8.30	850
31.11	2.95	9.52	848	80.18	2.17	8.34	849	129.25	1.48	8.45	849
32.31	3.02	9.48	848	81.38	0.64	8.31	850	130.44	0.45	8.34	849
33.51	3.35	9.52	848	82.57	2.18	8.31	850	131.64	2.52	8.09	850
34.7	1.70	9.52	848	83.77	2.22	8.37	849	132.84	1.73	8.08	850
35.9	2.35	9.48	848	84.97	2.82	8.33	849	134.03	1.74	8.08	850
37.1	1.73	9.48	848	86.16	2.31	8.23	850	135.23	2.80	8.09	850
38.3	2.85	9.48	848	87.36	3.41	8.37	849	136.43	2.61	8.08	850
39.49	2.32	9.41	848	88.56	2.30	8.42	849	137.62	2.25	8.01	850
40.69	2.66	9.44	848	89.75	2.38	8.53	849	138.82	2.02	7.94	850
41.89	3.10	9.47	848	90.95	2.49	8.76	849	140.02	3.28	7.90	850
43.08	2.93	9.44	848	92.15	2.46	8.96	849	141.21	3.90	7.86	850
44.28	1.74	9.47	848	93.34	1.87	8.90	849	142.41	1.39	7.76	850
45.48	1.41	9.52	848	94.54	2.13	8.75	849	143.61	2.44	7.68	850
46.67	1.69	9.52	848	95.74	2.72	8.71	849	144.8	2.96	7.76	850
47.87	1.18	9.55	848	96.93	1.84	8.63	849	146	3.37	7.76	850
49.07	2.08	9.58	848	98.13	2.52	8.71	849	147.2	3.49	7.72	850

Table 27. Distance from left bank, velocity, depth, and altitude data for Big Creek transect 1 (BC-1) (see figure 5 for location), Fulton County, Georgia, September 2004.—Continued

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
148.39	4.03	7.72	850	197.46	4.51	9.36	848	246.52	2.11	12.89	845
149.59	1.90	7.73	850	198.66	2.67	9.46	848	247.72	2.18	12.96	845
150.79	1.91	7.65	850	199.85	2.99	9.54	848	248.92	3.02	12.9	845
151.98	3.57	7.58	850	201.05	2.42	9.41	848	250.11	3.08	12.85	845
153.18	3.97	7.45	850	202.25	2.79	9.44	848	251.31	2.47	12.89	845
154.38	2.06	7.62	850	203.44	2.21	9.69	848	252.51	1.98	13.14	845
155.57	2.86	7.79	850	204.64	3.48	9.80	848	253.7	2.70	13.23	845
156.77	0.85	7.90	850	205.84	3.18	9.95	848	254.9	2.67	13.04	845
157.97	2.34	7.86	850	207.03	3.76	9.95	848	256.1	2.49	13.27	845
159.16	1.41	7.82	850	208.23	2.71	9.86	848	257.3	2.56	13.53	844
160.36	2.26	7.83	850	209.43	3.50	9.99	848	258.49	3.54	13.72	844
161.56	2.81	8.13	850	210.62	2.95	9.83	848	259.69	2.78	13.73	844
162.75	1.39	8.30	850	211.82	4.04	10.04	848	260.89	2.09	13.77	844
163.95	2.08	8.45	849	213.02	2.29	10.23	848	262.08	2.60	13.87	844
165.15	2.76	8.41	849	214.21	2.74	10.34	847	263.28	2.12	13.76	844
166.34	3.11	8.42	849	215.41	3.39	10.45	847	264.48	1.46	13.6	844
167.54	2.30	8.57	849	216.61	3.70	10.6	847	265.67	1.77	13.45	844
168.74	1.71	8.38	849	217.8	3.24	10.7	847	266.87	1.97	13.14	845
169.93	3.30	8.17	850	219	3.46	10.78	847	268.07	1.51	12.92	845
171.13	3.78	8.13	850	220.2	3.71	10.89	847	269.26	1.70	12.65	845
172.33	3.67	8.09	850	221.39	2.75	11.08	847	270.46	2.29	12.52	845
173.52	3.43	8.02	850	222.59	2.97	11.08	847	271.66	1.70	12.32	845
174.72	4.79	7.94	850	223.79	1.94	11.11	847	272.85	0.61	11.91	846
175.92	2.92	7.86	850	224.98	3.10	11.22	847	274.05	1.01	11.27	847
177.11	4.04	7.80	850	226.18	2.39	11.44	846	275.25	2.05	10.88	847
178.31	3.73	7.80	850	227.38	2.81	11.59	846	276.44	1.79	10.77	847
179.51	3.30	7.87	850	228.57	2.88	11.64	846	277.64	2.44	10.74	847
180.7	3.69	7.82	850	229.77	2.32	11.73	846	278.84	1.87	10.52	847
181.9	3.65	7.87	850	230.97	3.51	11.84	846	280.03	1.65	10.38	847
183.1	3.37	7.94	850	232.16	1.85	12.1	846	281.23	2.84	10.23	848
184.3	3.59	8.09	850	233.36	5.09	12.29	846	282.43	1.50	10.15	848
185.49	2.31	8.26	850	234.56	3.06	12.45	845	283.62	2.20	9.71	848
186.69	4.37	8.30	850	235.75	3.70	12.4	845	284.82	2.87	9.60	848
187.89	3.91	8.38	849	236.95	4.11	12.41	845	286.02	1.50	9.31	848
189.08	4.10	8.45	849	238.15	3.92	12.47	845	287.21	1.07	9.08	849
190.28	2.61	8.52	849	239.34	3.13	12.49	845	288.41	1.88	8.86	849
191.48	3.46	8.74	849	240.54	3.64	12.49	845	289.61	1.15	8.61	849
192.67	2.85	8.89	849	241.74	4.52	12.7	845	290.8	0.28	8.41	849
193.87	4.35	9.18	849	242.93	2.71	12.78	845	292	1.07	8.23	850
195.07	2.86	9.37	848	244.13	4.08	12.82	845				
196.26	3.64	9.28	849	245.33	4.71	12.78	845				

50 Cross-Sectional Data for Selected Reaches of the Chattahoochee River

Table 28. Distance from right bank, velocity, depth, and altitude data for Big Creek transect 2 (BC-1) (see figure 5 for location), Fulton County, Georgia, September 2004.

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
1.24	1.65	7.00	856	50.85	1.50	6.95	856	100.47	3.23	13.83	855
2.48	0.34	6.82	857	52.09	1.31	6.74	857	101.71	2.19	13.79	856
3.72	1.19	6.72	857	53.33	2.38	6.93	855	102.95	2.34	13.72	855
4.96	1.06	6.68	857	54.58	0.89	7.67	857	104.19	2.79	13.61	855
6.20	0.41	6.68	857	55.82	1.18	7.58	857	105.43	3.77	13.42	854
7.44	1.08	6.61	857	57.06	1.82	7.23	856	106.67	3.23	13.16	855
8.68	1.05	6.53	857	58.3	0.60	7.80	857	107.91	3.09	13.06	855
9.92	0.94	6.53	857	59.54	0.87	7.88	857	109.15	3.19	12.87	855
11.16	1.55	6.46	856	60.78	1.02	8.88	857	110.39	1.79	12.8	856
12.4	0.69	6.46	857	62.02	1.32	10.21	856	111.63	4.00	12.55	854
13.64	1.23	6.42	857	63.26	0.82	10.39	857	112.87	2.81	12.44	855
14.88	1.17	6.39	857	64.5	0.77	10.69	857	114.11	3.03	12.41	855
16.12	1.35	6.35	856	65.74	1.42	11.39	856	115.35	2.18	12.29	856
17.36	1.53	6.42	856	66.98	1.55	12.33	856	116.59	3.07	12.23	855
18.61	1.68	6.34	856	68.22	1.00	12.76	857	117.83	2.63	12.02	855
19.85	0.67	6.34	857	69.46	0.70	13.03	857	119.07	2.41	11.91	855
21.09	1.82	6.34	856	70.7	0.56	13.25	857	120.31	2.77	11.8	855
22.33	1.89	6.34	856	71.94	2.33	13.32	855	121.55	2.02	11.46	856
23.57	1.51	6.30	856	73.18	1.44	13.43	856	122.79	2.34	11.32	855
24.81	0.80	6.27	857	74.42	0.25	13.4	858	124.03	2.84	11.22	855
26.05	0.55	6.31	857	75.66	1.52	13.43	856	125.27	2.20	11.11	856
27.29	0.99	6.31	857	76.9	2.53	13.51	855	126.52	2.09	11.0	856
28.53	2.21	6.27	856	78.14	2.07	13.73	856	127.76	2.81	10.97	855
29.77	1.72	6.31	856	79.38	2.01	13.88	856	129	3.95	10.81	854
31.01	1.57	6.31	856	80.62	2.26	13.8	856	130.24	2.92	10.67	855
32.25	0.96	6.31	857	81.86	1.25	13.73	857	131.48	3.18	10.59	855
33.49	0.90	6.24	857	83.1	1.93	13.54	856	132.72	2.57	10.56	855
34.73	1.92	6.20	856	84.34	2.48	13.66	855	133.96	1.90	10.34	856
35.97	0.24	6.17	858	85.58	2.15	13.88	856	135.2	3.32	10.39	854
37.21	1.02	6.17	857	86.82	2.34	14.06	855	136.44	3.45	10.17	854
38.45	1.27	6.13	857	88.06	2.56	14.02	855	137.68	4.10	9.98	854
39.69	0.11	6.17	858	89.3	0.73	14.03	857	138.92	4.18	9.90	854
40.93	1.50	6.28	856	90.55	2.21	14.06	856	140.16	3.40	9.81	854
42.17	0.84	6.35	857	91.79	1.61	14.02	856	141.40	3.33	9.81	854
43.41	1.42	6.50	856	93.03	2.21	14.09	856	142.64	4.06	9.68	854
44.65	1.89	6.20	856	94.27	3.13	14.02	855	143.88	3.74	9.83	854
45.89	2.00	6.29	856	95.51	2.93	13.99	855	145.12	4.04	9.99	854
47.13	1.50	6.65	856	96.75	2.35	13.99	855	146.36	2.85	9.87	855
48.37	0.68	6.78	857	97.99	1.79	13.95	856	147.6	2.62	9.88	855
49.61	2.23	7.01	856	99.23	3.03	13.94	855	148.84	2.91	9.83	855

Table 28. Distance from right bank, velocity, depth, and altitude data for Big Creek transect 2 (BC-1) (see figure 5 for location), Fulton County, Georgia, September 2004.—Continued

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
150.08	2.60	9.73	855	197.21	3.14	7.80	855	244.35	3.15	8.54	855
151.32	3.21	9.73	855	198.45	3.94	7.61	854	245.59	3.89	8.49	854
152.56	2.44	9.70	855	199.7	2.38	7.51	855	246.83	3.54	8.37	854
153.8	2.30	9.63	856	200.94	2.82	7.69	855	248.07	1.90	8.42	856
155.04	2.18	9.48	856	202.18	4.20	7.61	854	249.31	1.53	8.57	856
156.28	3.58	9.44	854	203.42	4.49	7.77	853	250.55	2.20	8.60	856
157.52	2.37	9.29	855	204.66	3.24	7.83	855	251.79	2.84	8.67	855
158.76	2.73	9.18	855	205.9	3.11	7.93	855	253.03	2.15	8.67	856
160	4.89	9.11	853	207.14	2.10	8.04	856	254.27	1.54	8.64	856
161.24	2.52	9.03	855	208.38	1.99	8.00	856	255.51	2.88	8.67	855
162.48	2.91	8.97	855	209.62	2.27	8.09	856	256.75	3.69	8.75	854
163.73	2.11	8.97	856	210.86	3.11	8.16	855	257.99	3.38	8.86	854
164.97	2.52	8.90	855	212.1	2.70	8.12	855	259.23	4.57	8.90	853
166.21	2.51	8.75	855	213.34	2.90	8.08	855	260.47	2.75	8.94	855
167.45	2.17	8.71	856	214.58	0.65	8.38	857	261.71	3.06	8.94	855
168.69	1.44	8.64	856	215.82	3.29	8.31	855	262.95	2.81	8.97	855
169.93	3.22	8.38	855	217.06	2.85	8.23	855	264.19	3.18	9.01	855
171.17	2.29	8.31	856	218.3	1.96	8.49	856	265.43	2.76	9.08	855
172.41	2.13	8.27	856	219.54	2.30	8.45	856	266.67	2.85	9.20	855
173.65	4.11	8.19	854	220.78	1.88	8.44	856	267.91	1.73	9.20	856
174.89	3.00	8.12	855	222.02	3.63	8.52	854	269.15	1.90	9.22	856
176.13	3.44	8.13	854	223.26	2.09	8.59	856	270.39	2.48	9.26	855
177.37	2.79	8.13	855	224.5	2.48	8.75	855	271.64	1.50	9.29	856
178.61	3.11	8.08	855	225.74	2.01	8.75	856	272.88	3.04	9.36	855
179.85	1.20	8.08	857	226.98	1.80	8.63	856	274.12	1.77	9.48	856
181.09	2.92	7.86	855	228.22	3.48	8.71	854	275.36	1.80	9.51	856
182.33	2.81	7.79	855	229.46	2.47	8.52	855	276.6	2.57	9.59	855
183.57	3.56	7.65	854	230.7	2.74	8.57	855	277.84	1.69	9.56	856
184.81	3.73	7.72	854	231.94	2.73	8.72	855	279.08	1.42	9.56	856
186.05	4.05	7.69	854	233.18	2.48	8.71	855	280.32	1.89	9.56	856
187.29	2.42	7.90	855	234.42	1.66	8.72	856	281.56	1.80	9.48	856
188.53	2.48	7.94	855	235.67	1.43	8.64	856	282.8	3.06	9.48	855
189.77	2.35	8.15	855	236.91	1.81	8.56	856	284.04	1.79	9.48	856
191.01	3.57	8.12	854	238.15	2.98	8.68	855	285.28	2.74	9.48	855
192.25	1.80	8.09	856	239.39	3.67	8.60	854	286.52	2.82	9.48	855
193.49	2.97	8.15	855	240.63	2.88	8.49	855	287.76	3.20	9.44	855
194.73	3.61	7.94	854	241.87	2.03	8.50	856	289	2.50	9.40	855
195.97	2.88	7.79	855	243.11	2.11	8.50	856				

Table 29. Distance from left bank, velocity, depth, and altitude data for Big Creek transect 3 (BC-1) (see figure 5 for location), Fulton County, Georgia, September 2004.

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
1.12	1.94	8.91	856	50.54	1.67	9.63	856	99.95	2.67	8.90	855
2.25	1.54	8.88	856	51.66	2.89	9.59	855	101.08	3.04	8.86	855
3.37	1.67	8.80	856	52.78	1.70	9.51	856	102.20	2.40	8.79	855
4.49	1.72	8.73	856	53.91	1.87	9.47	856	103.32	1.38	8.71	856
5.62	2.40	8.91	855	55.03	0.73	9.45	857	104.45	0.34	8.71	857
6.74	1.81	8.94	856	56.15	1.74	9.41	856	105.57	1.86	8.64	856
7.86	1.36	8.88	856	57.28	2.13	9.33	856	106.69	2.15	8.56	856
8.98	2.35	8.76	855	58.4	1.90	9.22	856	107.82	2.36	8.60	855
10.11	0.69	8.76	857	59.52	2.02	9.18	856	108.94	1.89	8.64	856
11.23	0.42	8.76	857	60.65	2.16	9.07	856	110.06	2.62	8.64	855
12.35	1.32	8.73	856	61.77	2.01	9.08	856	111.18	2.53	8.71	855
13.48	1.14	8.73	857	62.89	2.16	9.00	856	112.31	1.14	8.64	857
14.6	1.10	8.77	857	64.02	2.81	9.04	855	113.43	1.32	8.60	856
15.72	1.65	8.73	856	65.14	2.41	9.00	855	114.55	1.60	8.63	856
16.85	1.68	8.73	856	66.26	2.53	8.90	855	115.68	1.96	8.78	856
17.97	1.93	8.77	856	67.38	1.61	8.79	856	116.8	1.66	8.64	856
19.09	1.38	8.77	856	68.51	2.11	8.67	856	117.92	0.99	8.55	857
20.22	1.28	8.61	857	69.63	2.89	8.60	855	119.05	3.21	8.63	855
21.34	1.65	8.61	856	70.75	2.47	8.53	855	120.17	2.92	8.42	855
22.46	2.19	8.69	856	71.88	0.52	8.53	857	121.29	2.97	8.38	855
23.58	1.97	8.69	856	73.0	1.97	8.57	856	122.42	1.66	8.40	856
24.71	1.01	8.61	857	74.12	2.43	8.34	855	123.54	2.37	8.34	855
25.83	2.62	8.65	855	75.25	2.55	8.27	855	124.66	3.20	8.15	855
26.95	2.56	8.76	855	76.37	3.16	8.20	855	125.78	1.68	8.31	856
28.08	2.33	8.79	855	77.49	2.86	8.19	855	126.91	1.80	8.38	856
29.2	1.26	8.72	857	78.62	2.01	8.20	856	128.03	3.61	8.08	854
30.32	1.85	8.72	856	79.74	2.23	8.26	856	129.15	2.70	8.12	855
31.45	1.97	8.57	856	80.86	2.23	8.23	856	130.28	3.28	8.08	855
32.57	1.60	8.71	856	81.98	1.91	8.13	856	131.4	1.47	8.12	856
33.69	2.18	8.64	856	83.11	4.05	8.04	854	132.52	2.86	8.04	855
34.82	1.78	8.63	856	84.23	2.75	8.13	855	133.65	1.76	7.86	856
35.94	1.51	8.70	856	85.35	3.63	8.04	854	134.77	2.38	7.98	855
37.06	1.52	8.86	856	86.48	1.56	8.12	856	135.89	2.37	7.90	855
38.18	1.03	8.98	857	87.6	2.37	8.08	855	137.02	1.55	7.72	856
39.31	3.28	9.09	855	88.72	2.89	8.26	855	138.14	1.26	7.69	857
40.43	2.58	9.25	855	89.85	2.31	8.55	856	139.26	1.67	7.75	856
41.55	2.06	9.44	856	90.97	1.82	8.45	856	140.38	3.18	7.71	855
42.68	1.21	9.51	857	92.09	3.31	8.60	855	141.51	1.87	7.72	856
43.8	2.58	9.51	855	93.22	1.23	8.71	857	142.63	3.74	7.72	854
44.92	2.19	9.62	856	94.34	3.01	8.79	855	143.75	2.91	7.76	855
46.05	1.58	9.66	856	95.46	0.89	8.89	857	144.88	3.75	7.83	854
47.17	1.38	9.65	856	96.58	3.23	9.00	855	146	3.27	7.72	855
48.29	1.34	9.69	856	97.71	2.41	9.04	855	147.12	4.10	7.58	854
49.42	1.95	9.66	856	98.83	2.93	9.04	855	148.25	2.67	7.56	855

Table 29. Distance from left bank, velocity, depth, and altitude data for Big Creek transect 3 (BC-1) (see figure 5 for location), Fulton County, Georgia, September 2004.—Continued

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
149.37	2.81	7.55	855	197.66	3.29	9.29	855	245.95	2.70	12.24	855
150.49	1.97	7.62	856	198.78	3.30	9.70	855	247.08	3.41	12.40	854
151.62	3.25	7.70	855	199.91	2.89	9.77	855	248.2	2.83	12.45	855
152.74	1.66	7.91	856	201.03	3.41	9.84	854	249.32	3.66	12.48	854
153.86	3.25	7.97	855	202.15	3.43	9.95	854	250.45	3.22	12.56	855
154.98	3.74	7.94	854	203.28	2.95	9.88	855	251.57	3.46	12.63	854
156.11	2.81	8.01	855	204.4	4.02	9.96	854	252.69	3.68	12.63	854
157.23	3.75	8.04	854	205.52	2.28	9.91	856	253.82	2.78	12.7	855
158.35	2.12	7.98	856	206.65	1.77	10.03	856	254.94	3.73	12.92	854
159.48	2.13	8.01	856	207.77	2.94	10.09	855	256.06	3.28	13.20	855
160.6	3.03	8.26	855	208.89	2.84	10.19	855	257.18	2.99	13.34	855
161.72	2.77	8.09	855	210.02	2.76	10.2	855	258.31	2.36	13.57	855
162.85	3.98	8.23	854	211.14	3.14	10.29	855	259.43	1.82	13.63	856
163.97	1.66	8.31	856	212.26	2.01	10.45	856	260.55	2.27	13.68	856
165.09	3.60	8.12	854	213.38	2.10	10.89	856	261.68	1.20	13.84	857
166.22	3.03	8.34	855	214.51	3.48	10.92	854	262.8	3.37	14.03	854
167.34	3.35	8.30	854	215.63	3.21	11.05	855	263.92	2.53	14.09	855
168.46	4.31	8.12	854	216.75	1.35	11.07	856	265.05	1.82	14.09	856
169.58	3.98	8.18	854	217.88	2.65	11.01	855	266.17	1.06	14.01	857
170.71	2.95	8.26	855	219	3.19	11.01	855	267.29	2.00	13.86	856
171.83	3.83	8.30	854	220.12	2.66	11.04	855	268.42	2.05	13.82	856
172.95	2.17	8.38	856	221.25	3.05	11.08	855	269.54	1.50	13.6	856
174.08	2.20	8.45	856	222.37	2.15	11.12	856	270.66	2.62	13.33	855
175.2	2.57	8.49	855	223.49	2.94	11.23	855	271.78	1.86	13.04	856
176.32	1.67	8.60	856	224.62	2.02	11.3	856	272.91	2.64	12.72	855
177.45	2.53	8.60	855	225.74	2.84	11.48	855	274.03	2.92	12.45	855
178.57	2.29	8.64	856	226.86	3.34	11.56	854	275.15	0.70	12.2	857
179.69	2.35	8.63	855	227.98	1.24	11.65	857	276.28	2.43	11.66	855
180.82	2.74	8.75	855	229.11	1.55	11.8	856	277.4	0.34	11.41	857
181.94	2.77	8.82	855	230.23	2.19	11.8	856	278.52	1.25	11.17	857
183.06	3.59	9.04	854	231.35	3.07	11.83	855	279.65	0.73	11.07	857
184.18	2.93	9.11	855	232.48	2.73	11.76	855	280.77	1.07	10.71	857
185.31	2.90	9.05	855	233.6	4.50	11.84	853	281.89	1.15	10.41	857
186.43	1.73	8.98	856	234.72	3.67	11.84	854	283.02	0.63	10.13	857
187.55	2.64	9.01	855	235.85	4.56	11.91	853	284.14	2.63	9.94	855
188.68	3.09	9.09	855	236.97	3.06	11.91	855	285.26	1.63	9.76	856
189.8	3.49	9.09	854	238.09	2.13	11.91	856	286.38	0.77	9.70	857
190.92	3.54	9.09	854	239.22	3.01	11.98	855	287.51	1.68	9.51	856
192.05	4.25	9.12	854	240.34	4.54	12.02	853	288.63	1.40	9.32	856
193.17	3.26	9.33	855	241.46	3.43	11.98	854	289.75	0.19	8.96	858
194.29	3.66	9.33	854	242.58	2.92	11.98	855	290.88	1.50	8.74	856
195.42	3.31	9.26	855	243.71	4.53	12.13	853	292	0.38	8.59	857
196.54	3.70	9.22	854	244.83	2.91	12.2	855				

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Table 30. Distance from right bank, velocity, depth, and altitude data for Big Creek transect 4 (BC-1) (see figure 5 for location), Fulton County, Georgia, September 2004.

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
1.10	1.79	7.35	850	53.75	1.63	12.00	846	106.41	3.44	11.87	846
2.19	2.06	7.24	851	54.85	2.65	12.32	845	107.51	4.99	12.06	846
3.29	1.92	7.16	851	55.95	0.54	12.69	845	108.6	2.43	12.09	846
4.39	1.63	7.06	851	57.04	1.00	12.92	845	109.7	3.06	11.99	846
5.49	1.53	6.99	851	58.14	0.97	13.1	845	110.8	3.25	11.8	846
6.58	1.64	6.95	851	59.24	1.38	13.25	845	111.9	3.33	11.54	846
7.68	1.79	6.91	851	60.34	2.40	13.44	844	112.99	2.04	11.43	846
8.78	1.85	6.83	851	61.43	0.29	13.47	844	114.09	3.33	11.25	847
9.87	1.11	6.83	851	62.53	1.33	13.55	844	115.19	3.30	11.14	847
10.97	1.00	6.83	851	63.63	1.47	13.57	844	116.28	3.86	11.11	847
12.07	2.16	6.80	851	64.72	1.24	13.66	844	117.38	2.99	11.11	847
13.16	1.10	6.72	851	65.82	2.88	13.7	844	118.48	4.16	11.04	847
14.26	1.66	6.72	851	66.92	1.35	13.7	844	119.57	3.59	10.96	847
15.36	1.61	6.72	851	68.01	2.01	13.74	844	120.67	2.75	10.85	847
16.46	1.36	6.72	851	69.11	1.68	13.85	844	121.77	2.88	10.64	847
17.55	2.05	6.72	851	70.21	2.14	13.95	844	122.87	3.29	10.56	847
18.65	1.07	6.72	851	71.31	1.01	14.02	844	123.96	3.63	10.42	847
19.75	1.08	6.69	851	72.4	2.19	14.02	844	125.06	3.21	10.27	848
20.84	0.99	6.69	851	73.5	2.35	14.02	844	126.16	4.30	10.19	848
21.94	1.61	6.69	851	74.6	1.59	13.95	844	127.25	3.42	10.05	848
23.04	1.10	6.68	851	75.69	2.25	14.09	844	128.35	2.86	9.98	848
24.13	1.72	6.72	851	76.79	1.68	14.16	844	129.45	2.37	9.93	848
25.23	1.46	6.81	851	77.89	1.10	14.24	844	130.54	3.59	9.96	848
26.33	1.38	6.84	851	78.99	1.84	14.35	843	131.64	2.51	9.97	848
27.43	0.50	6.91	851	80.08	1.41	14.39	843	132.74	2.50	10.04	848
28.52	1.37	7.01	851	81.18	1.58	14.39	843	133.84	2.31	10.04	848
29.62	2.32	7.12	851	82.28	3.42	14.38	843	134.93	2.78	9.98	848
30.72	1.73	7.27	851	83.37	2.32	14.49	843	136.03	4.33	9.97	848
31.81	1.37	7.37	850	84.47	1.49	14.42	843	137.13	3.95	9.79	848
32.91	0.50	7.55	850	85.57	2.46	14.31	843	138.22	4.65	9.66	848
34.01	0.92	7.61	850	86.66	2.79	14.31	844	139.32	4.78	9.66	848
35.1	0.71	7.81	850	87.76	1.87	14.17	844	140.42	2.17	9.69	848
36.2	1.63	8.11	850	88.86	2.74	14.17	844	141.52	3.36	9.68	848
37.3	1.10	8.23	850	89.96	3.04	14.17	844	142.61	3.60	9.77	848
38.4	0.62	7.83	850	91.05	4.47	14.12	844	143.71	2.41	9.77	848
39.49	1.09	8.47	849	92.15	3.48	14.05	844	144.81	2.58	9.74	848
40.59	0.84	8.51	849	93.25	1.93	13.94	844	145.9	4.53	9.85	848
41.69	0.26	8.07	850	94.34	1.94	13.75	844	147	2.90	9.70	848
42.78	1.39	7.78	850	95.44	1.66	13.62	844	148.1	3.19	9.80	848
43.88	3.40	9.50	848	96.54	3.90	13.45	844	149.19	1.69	9.84	848
44.98	1.84	9.72	848	97.63	3.27	13.28	845	150.29	2.95	9.77	848
46.07	1.56	9.48	848	98.73	4.22	13.17	845	151.39	3.42	9.47	848
47.17	2.07	10.25	848	99.83	3.02	13.03	845	152.49	1.89	9.48	848
48.27	0.79	10.32	847	100.93	2.94	12.8	845	153.58	2.65	9.44	848
49.37	1.64	10.5	847	102.02	2.42	12.55	845	154.68	2.80	9.44	848
50.46	1.74	11.07	847	103.12	3.95	12.34	845	155.78	4.15	9.26	849
51.56	0.63	11.49	846	104.22	3.93	12.34	845	156.87	2.68	9.22	849
52.66	2.53	11.71	846	105.31	3.26	12.15	846	157.97	2.96	9.23	849

Table 30. Distance from right bank, velocity, depth, and altitude data for Big Creek transect 4 (BC-1) (see figure 5 for location), Fulton County, Georgia, September 2004.—Continued

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
159.07	3.76	9.04	849	205.14	4.32	7.72	850	251.22	3.35	8.35	849
160.16	3.40	9.01	849	206.24	4.08	7.65	850	252.31	4.37	8.41	849
161.26	3.57	8.98	849	207.34	3.29	7.47	850	253.41	1.60	8.56	849
162.36	4.35	8.94	849	208.43	4.10	7.43	850	254.51	1.96	8.53	849
163.46	3.07	8.93	849	209.53	2.70	7.43	850	255.6	2.36	8.38	849
164.55	3.23	8.97	849	210.63	3.18	7.62	850	256.7	1.76	8.60	849
165.65	3.75	9.05	849	211.72	4.33	7.74	850	257.8	2.83	8.56	849
166.75	2.88	8.90	849	212.82	3.00	7.72	850	258.9	3.61	8.42	849
167.84	2.64	8.87	849	213.92	3.63	7.76	850	259.99	2.61	8.38	849
168.94	1.50	8.79	849	215.01	2.81	7.77	850	261.09	2.25	8.37	849
170.04	3.01	8.71	849	216.11	2.28	7.83	850	262.19	2.20	8.41	849
171.13	2.98	8.71	849	217.21	2.56	7.80	850	263.28	2.80	8.45	849
172.23	4.47	8.68	849	218.31	2.10	7.79	850	264.38	2.07	8.38	849
173.33	3.73	8.79	849	219.4	2.42	7.79	850	265.48	2.03	8.52	849
174.43	3.35	8.75	849	220.5	2.04	7.98	850	266.57	2.90	8.49	849
175.52	3.53	8.53	849	221.6	4.31	7.79	850	267.67	0.49	8.50	849
176.62	2.08	8.44	849	222.69	4.06	7.65	850	268.77	3.76	8.49	849
177.72	3.86	8.23	850	223.79	3.48	7.69	850	269.87	1.63	8.52	849
178.81	3.06	8.23	850	224.89	4.35	7.79	850	270.96	2.14	8.64	849
179.91	2.30	8.16	850	225.99	3.16	7.80	850	272.06	2.23	8.82	849
181.01	3.23	8.20	850	227.08	3.81	7.86	850	273.16	1.38	8.81	849
182.1	2.47	8.20	850	228.18	2.34	7.98	850	274.25	2.29	8.97	849
183.2	2.11	8.12	850	229.28	3.77	8.08	850	275.35	1.83	9.04	849
184.3	4.01	8.02	850	230.37	2.03	8.16	850	276.45	1.99	9.12	849
185.4	3.60	7.98	850	231.47	1.17	8.30	850	277.54	2.07	9.19	849
186.49	3.54	7.91	850	232.57	3.88	8.23	850	278.64	2.21	9.25	849
187.59	3.13	7.86	850	233.66	2.47	8.27	850	279.74	0.85	9.22	849
188.69	3.95	7.76	850	234.76	0.98	8.60	849	280.84	2.06	9.26	849
189.78	3.93	7.80	850	235.86	2.36	8.45	849	281.93	1.87	9.28	849
190.88	2.57	7.79	850	236.96	2.36	8.31	850	283.03	2.30	9.41	848
191.98	4.26	7.83	850	238.05	3.03	8.44	849	284.13	2.87	9.44	848
193.07	2.95	7.97	850	239.15	2.35	8.38	849	285.22	2.50	9.44	848
194.17	2.93	7.90	850	240.25	1.95	8.35	849	286.32	3.29	9.41	848
195.27	1.98	7.94	850	241.34	2.67	8.35	849	287.42	2.62	9.41	848
196.37	2.33	8.12	850	242.44	2.93	8.38	849	288.52	3.35	9.44	848
197.46	3.35	8.34	849	243.54	2.80	8.31	850	289.61	2.10	9.44	848
198.56	2.18	8.26	850	244.63	2.82	8.32	849	290.71	1.63	9.37	848
199.66	2.69	8.34	849	245.73	3.23	8.27	850	291.81	2.14	9.37	848
200.75	2.23	8.30	850	246.83	1.79	8.37	849	292.9	1.71	9.37	848
201.85	3.37	8.16	850	247.93	2.10	8.23	850	294	2.40	9.33	848
202.95	2.23	7.72	850	249.02	2.27	8.27	850				
204.04	3.55	7.86	850	250.12	1.55	8.49	849				

Table 31. Distance from right bank, velocity, depth, and altitude data for Big Creek transect 6 (BC-2) (see figure 5 for location), Fulton County, Georgia, September 2004.

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
1.12	2.65	6.28	851	53.96	1.95	8.64	849	106.79	3.61	9.56	848
2.25	1.41	6.23	851	55.08	1.79	8.64	849	107.91	3.27	9.58	848
3.37	1.25	6.20	851	56.21	1.14	8.67	849	109.04	4.52	9.40	848
4.50	1.84	6.17	851	57.33	1.70	8.77	848	110.16	2.40	9.25	848
5.62	0.99	6.17	851	58.45	2.10	8.80	848	111.29	4.60	8.99	848
6.74	1.45	6.13	851	59.58	1.47	8.92	848	112.41	3.15	9.22	848
7.87	1.88	6.10	851	60.7	2.69	9.03	848	113.54	3.59	9.36	848
8.99	1.37	6.10	851	61.83	1.95	9.15	848	114.66	4.04	9.47	848
10.12	1.25	6.06	851	62.95	2.70	9.21	848	115.78	3.78	9.68	848
11.24	2.30	6.01	851	64.07	1.62	9.28	848	116.91	3.26	9.74	847
12.37	0.96	6.10	851	65.2	2.72	9.39	848	118.03	3.77	9.76	847
13.49	2.15	6.13	851	66.32	3.34	9.51	848	119.16	2.41	9.95	847
14.61	0.55	6.13	851	67.45	2.36	9.62	848	120.28	1.29	9.80	847
15.74	1.35	6.17	851	68.57	2.73	9.63	848	121.4	3.04	9.96	847
16.86	1.82	6.17	851	69.7	3.11	9.70	847	122.53	2.46	9.90	847
17.99	1.54	6.21	851	70.82	2.21	9.65	848	123.65	1.82	10.06	847
19.11	0.32	6.21	851	71.94	2.33	9.69	848	124.78	2.57	9.82	847
20.23	1.88	6.24	851	73.07	3.01	9.73	847	125.9	2.17	9.88	847
21.36	1.46	6.24	851	74.19	3.46	9.77	847	127.02	0.91	9.93	847
22.48	1.68	6.24	851	75.32	2.79	9.69	848	128.15	3.13	9.84	847
23.61	0.62	6.32	851	76.44	2.71	9.69	847	129.27	3.22	9.73	847
24.73	1.53	6.34	851	77.56	2.58	9.73	847	130.4	2.72	9.63	848
25.85	2.31	6.46	851	78.69	2.73	9.76	847	131.52	2.32	9.51	848
26.98	1.13	6.50	851	79.81	2.75	9.74	847	132.65	1.96	9.55	848
28.1	1.59	6.57	851	80.94	3.17	9.74	847	133.77	2.98	9.47	848
29.23	0.67	6.65	851	82.06	2.60	9.80	847	134.89	2.46	9.36	848
30.35	1.48	6.69	851	83.18	3.21	9.92	847	136.02	2.39	9.18	848
31.48	1.70	6.84	850	84.31	3.72	9.83	847	137.14	4.25	9.03	848
32.6	1.73	6.95	850	85.43	3.07	9.81	847	138.27	2.71	9.15	848
33.72	1.76	6.98	850	86.56	2.92	9.77	847	139.39	4.44	9.00	848
34.85	1.99	7.13	850	87.68	4.29	9.87	847	140.51	3.85	8.99	848
35.97	1.64	7.24	850	88.8	4.40	9.95	847	141.64	3.20	9.21	848
37.1	1.40	7.35	850	89.93	3.21	9.97	847	142.76	3.93	9.13	848
38.22	1.39	7.47	850	91.05	3.33	9.89	847	143.89	3.16	9.25	848
39.34	0.96	7.58	850	92.18	3.88	9.95	847	145.01	1.98	9.32	848
40.47	0.92	7.62	850	93.3	5.21	9.89	847	146.13	2.57	9.00	848
41.59	1.79	7.70	849	94.43	3.53	9.88	847	147.26	3.43	8.93	848
42.72	1.26	7.82	849	95.55	2.64	9.87	847	148.38	3.21	8.78	848
43.84	1.74	7.82	849	96.67	3.90	9.84	847	149.51	3.79	8.68	849
44.96	2.52	7.95	849	97.8	2.68	9.58	848	150.63	3.00	8.63	849
46.09	1.70	8.05	849	98.92	3.02	9.54	848	151.76	3.66	8.67	849
47.21	2.09	8.23	849	100.05	2.40	9.35	848	152.88	3.09	8.64	849
48.34	1.83	8.31	849	101.17	3.33	9.32	848	154	3.92	8.67	849
49.46	2.14	8.39	849	102.29	2.32	9.17	848	155.13	3.38	8.67	849
50.59	1.24	8.45	849	103.42	3.06	9.18	848	156.25	3.52	8.66	849
51.71	2.42	8.39	849	104.54	3.08	9.33	848	157.38	3.38	8.67	849
52.83	1.45	8.54	849	105.67	3.07	9.39	848	158.5	3.13	8.62	849

Table 31. Distance from right bank, velocity, depth, and altitude data for Big Creek transect 6 (BC-2) (see figure 5 for location), Fulton County, Georgia, September 2004.—Continued

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
159.62	3.39	8.52	849	212.46	3.44	7.71	849	265.29	2.98	8.27	849
160.75	2.39	8.45	849	213.58	2.18	7.51	850	266.41	1.88	8.27	849
161.87	3.09	8.41	849	214.71	1.67	7.50	850	267.54	1.03	8.27	849
163	2.69	8.23	849	215.83	2.95	7.33	850	268.66	2.07	8.27	849
164.12	2.79	8.04	849	216.95	3.53	7.58	850	269.79	2.19	8.15	849
165.24	3.62	8.04	849	218.08	1.53	7.55	850	270.91	1.99	8.12	849
166.37	2.26	7.86	849	219.2	2.57	7.63	850	272.04	1.59	8.13	849
167.49	4.00	7.98	849	220.33	2.12	7.74	849	273.16	2.12	8.04	849
168.62	3.38	7.94	849	221.45	3.96	7.90	849	274.28	1.93	8.04	849
169.74	2.39	8.01	849	222.57	1.10	7.82	849	275.41	3.42	8.05	849
170.87	2.71	8.05	849	223.7	2.29	7.79	849	276.53	2.78	7.98	849
171.99	2.65	8.24	849	224.82	2.73	7.83	849	277.66	2.40	8.01	849
173.11	0.80	8.34	849	225.95	1.86	7.86	849	278.78	2.19	8.08	849
174.24	2.77	8.26	849	227.07	2.33	7.86	849	279.9	2.74	8.16	849
175.36	2.85	8.34	849	228.2	2.30	7.82	849	281.03	2.15	8.23	849
176.49	2.54	8.34	849	229.32	1.96	7.87	849	282.15	3.34	8.22	849
177.61	2.51	8.26	849	230.44	1.45	7.86	849	283.28	2.45	8.26	849
178.73	1.79	8.08	849	231.57	2.84	7.82	849	284.4	2.67	8.35	849
179.86	3.60	8.01	849	232.69	3.48	8.02	849	285.52	3.13	8.38	849
180.98	1.72	7.94	849	233.82	4.12	8.01	849	286.65	2.13	8.41	849
182.11	2.76	7.83	849	234.94	2.90	7.83	849	287.77	3.87	8.45	849
183.23	3.24	7.80	849	236.06	1.53	7.83	849	288.9	2.35	8.53	849
184.35	1.62	7.83	849	237.19	2.59	7.87	849	290.02	2.27	8.57	849
185.48	3.46	7.94	849	238.31	2.08	7.83	849	291.15	3.88	8.61	849
186.6	2.73	7.90	849	239.44	2.77	7.82	849	292.27	3.63	8.71	848
187.73	3.36	7.79	849	240.56	3.36	7.71	849	293.39	2.01	8.83	848
188.85	2.38	7.75	849	241.68	2.88	7.57	850	294.52	3.77	8.93	848
189.98	2.95	7.71	849	242.81	1.74	7.56	850	295.64	2.29	8.93	848
191.1	2.95	7.67	850	243.93	3.61	7.54	850	296.77	2.56	8.90	848
192.22	2.58	7.57	850	245.06	2.92	7.73	849	297.89	2.73	8.90	848
193.35	3.31	7.55	850	246.18	1.85	7.79	849	299.01	1.82	8.85	848
194.47	3.73	7.52	850	247.3	2.16	7.76	849	300.14	2.43	8.87	848
195.6	2.67	7.62	850	248.43	3.64	7.80	849	301.26	2.56	8.85	848
196.72	1.66	7.63	850	249.55	4.57	7.75	849	302.39	2.84	8.85	848
197.84	3.04	7.69	849	250.68	3.58	7.67	850	303.51	2.35	8.87	848
198.97	2.89	7.86	849	251.8	3.58	7.76	849	304.63	1.15	8.85	848
200.09	2.66	7.85	849	252.93	3.53	7.82	849	305.76	2.23	8.82	848
201.22	2.22	7.79	849	254.05	3.18	7.90	849	306.88	2.14	8.87	848
202.34	2.78	7.78	849	255.17	3.35	7.93	849	308.01	2.12	8.90	848
203.46	3.30	7.82	849	256.3	3.37	8.01	849	309.13	2.41	8.86	848
204.59	1.10	7.71	849	257.42	2.14	8.08	849	310.26	2.53	8.93	848
205.71	2.68	7.64	850	258.55	2.38	8.12	849	311.38	1.97	8.96	848
206.84	2.02	7.55	850	259.67	2.00	8.16	849	312.5	2.45	8.96	848
207.96	2.72	7.51	850	260.79	2.15	8.23	849	313.63	2.51	8.94	848
209.09	1.82	7.51	850	261.92	2.60	8.23	849	314.75	2.65	9.01	848
210.21	1.91	7.69	850	263.04	2.14	8.26	849	315.88	1.34	9.01	848
211.33	2.82	7.71	849	264.17	2.52	8.27	849	317	2.26	9.01	848

Table 32. Distance from left bank, velocity, depth, and altitude data for Big Creek transect 7 (BC-2) (see figure 5 for location), Fulton County, Georgia, September 2004.

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
1.27	2.72	9.03	848	58.56	2.98	8.26	849	115.85	2.88	7.36	850
2.55	3.36	9.01	848	59.84	2.14	8.08	849	117.12	1.49	7.50	850
3.82	2.83	8.98	848	61.11	1.59	8.12	849	118.4	2.31	7.50	850
5.09	2.83	8.98	848	62.38	3.32	8.01	849	119.67	1.07	7.50	850
6.37	1.14	8.98	848	63.65	2.26	8.01	849	120.94	3.12	7.50	850
7.64	2.56	8.90	848	64.93	2.99	7.90	849	122.22	2.19	7.50	850
8.91	2.74	8.93	848	66.2	2.93	7.86	849	123.49	2.28	7.62	850
10.18	1.05	9.01	848	67.47	3.17	7.82	849	124.76	2.23	7.48	850
11.46	2.87	9.00	848	68.75	2.06	7.72	849	126.04	3.01	7.50	850
12.73	2.53	9.01	848	70.02	2.37	7.80	849	127.31	1.72	7.54	850
14.0	1.96	9.05	848	71.29	2.92	7.83	849	128.58	2.03	7.62	850
15.28	0.95	9.05	848	72.57	2.75	7.86	849	129.86	2.66	7.59	850
16.55	2.23	9.05	848	73.84	3.35	7.87	849	131.13	2.42	7.56	850
17.82	2.10	9.08	848	75.11	2.73	7.67	850	132.4	2.50	7.63	850
19.1	1.67	9.06	848	76.39	2.34	7.68	850	133.67	4.14	7.62	850
20.37	2.00	9.04	848	77.66	4.10	7.75	849	134.95	2.93	7.51	850
21.64	3.05	9.00	848	78.93	3.60	7.64	850	136.22	3.47	7.55	850
22.92	1.97	9.02	848	80.2	2.18	7.65	850	137.49	3.33	7.51	850
24.19	2.53	9.04	848	81.48	2.10	7.61	850	138.77	2.72	7.51	850
25.46	0.56	9.00	848	82.75	2.63	7.63	850	140.04	2.57	7.50	850
26.74	2.14	8.99	848	84.02	1.68	7.66	850	141.31	2.30	7.50	850
28.01	2.85	9.04	848	85.3	2.02	7.75	849	142.59	2.80	7.58	850
29.28	1.95	9.07	848	86.57	3.19	7.76	849	143.86	2.86	7.59	850
30.55	2.23	8.93	848	87.84	3.39	7.86	849	145.13	2.49	7.77	849
31.83	3.58	8.86	848	89.12	2.43	7.91	849	146.41	2.69	7.97	849
33.1	2.22	8.78	848	90.39	2.98	7.82	849	147.68	3.06	7.92	849
34.37	2.55	8.77	848	91.66	1.90	7.91	849	148.95	3.58	8.04	849
35.65	2.01	8.81	848	92.94	1.84	8.05	849	150.22	3.69	8.04	849
36.92	2.89	8.89	848	94.21	3.71	8.09	849	151.5	3.18	7.98	849
38.19	3.02	8.71	848	95.48	3.89	7.94	849	152.77	3.66	7.86	849
39.47	1.58	8.56	849	96.76	2.47	7.91	849	154.04	2.71	7.86	849
40.74	2.92	8.49	849	98.03	2.20	7.90	849	155.32	0.97	7.69	849
42.01	3.34	8.41	849	99.3	2.94	7.86	849	156.59	1.09	7.60	850
43.29	2.53	8.49	849	100.57	3.26	7.93	849	157.86	0.80	7.67	850
44.56	1.68	8.38	849	101.85	2.72	7.90	849	159.14	2.60	7.72	849
45.83	3.78	8.42	849	103.12	2.16	7.79	849	160.41	3.57	7.72	849
47.1	2.83	8.49	849	104.39	2.94	7.76	849	161.68	3.22	7.95	849
48.38	2.53	8.45	849	105.67	3.00	7.83	849	162.96	2.64	8.04	849
49.65	1.82	8.45	849	106.94	3.25	7.75	849	164.23	4.23	8.14	849
50.92	1.29	8.42	849	108.21	2.64	7.61	850	165.5	3.63	8.23	849
52.2	2.21	8.38	849	109.49	2.60	7.50	850	166.78	3.94	8.33	849
53.47	2.23	8.46	849	110.76	1.47	7.40	850	168.05	3.31	8.15	849
54.74	2.32	8.50	849	112.03	0.90	7.29	850	169.32	2.91	8.15	849
56.02	2.32	8.37	849	113.31	2.10	7.33	850	170.59	3.02	8.08	849
57.29	3.06	8.26	849	114.58	2.86	7.36	850	171.87	2.89	8.01	849

Table 32. Distance from left bank, velocity, depth, and altitude data for Big Creek transect 7 (BC-2) (see figure 5 for location), Fulton County, Georgia, September 2004.—Continued

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
173.14	3.21	8.01	849	221.52	2.29	9.47	848	269.9	3.08	9.17	848
174.41	2.97	8.08	849	222.79	2.66	9.36	848	271.17	2.85	9.10	848
175.69	2.23	8.13	849	224.06	3.89	9.35	848	272.44	2.76	9.10	848
176.96	1.81	8.13	849	225.34	3.36	9.48	848	273.71	2.10	9.15	848
178.23	2.50	8.23	849	226.61	2.64	9.44	848	274.99	1.64	9.15	848
179.51	2.58	8.37	849	227.88	3.24	9.39	848	276.26	2.90	8.96	848
180.78	2.57	8.48	849	229.16	3.70	9.36	848	277.53	2.22	9.03	848
182.05	3.34	8.62	849	230.43	2.45	9.37	848	278.81	3.24	9.11	848
183.33	3.16	8.88	848	231.7	3.05	9.29	848	280.08	2.89	9.03	848
184.6	4.01	8.88	848	232.98	3.37	9.26	848	281.35	3.92	8.96	848
185.87	3.28	8.99	848	234.25	3.81	9.07	848	282.63	2.75	8.96	848
187.14	2.65	9.07	848	235.52	3.60	9.10	848	283.9	2.33	8.99	848
188.42	3.55	9.07	848	236.8	2.24	9.06	848	285.17	2.16	9.00	848
189.69	3.42	9.05	848	238.07	3.09	9.11	848	286.45	3.15	8.97	848
190.96	3.33	9.02	848	239.34	3.40	8.99	848	287.72	3.11	9.02	848
192.24	1.70	9.30	848	240.61	2.86	8.92	848	288.99	3.19	8.92	848
193.51	3.59	9.10	848	241.89	2.93	8.88	848	290.27	1.29	8.96	848
194.78	1.76	9.28	848	243.16	3.04	8.85	848	291.54	4.06	8.92	848
196.06	3.67	9.29	848	244.43	2.94	9.06	848	292.81	2.35	9.07	848
197.33	4.14	9.29	848	245.71	3.95	9.00	848	294.08	3.67	9.04	848
198.6	3.99	9.17	848	246.98	3.27	9.03	848	295.36	1.73	9.11	848
199.88	1.86	9.14	848	248.25	2.25	9.32	848	296.63	2.45	8.96	848
201.15	2.45	9.15	848	249.53	2.74	9.29	848	297.9	1.24	8.92	848
202.42	2.74	9.28	848	250.8	3.44	9.22	848	299.18	2.73	8.95	848
203.69	2.92	9.33	848	252.07	2.68	9.43	848	300.45	1.86	8.79	848
204.97	2.58	9.32	848	253.35	4.48	9.51	848	301.72	1.53	8.60	849
206.24	2.78	9.26	848	254.62	3.07	9.43	848	303	2.11	8.56	849
207.51	3.77	9.33	848	255.89	2.74	9.36	848	304.27	2.53	8.43	849
208.79	2.86	9.33	848	257.16	3.67	9.55	848	305.54	1.93	8.31	849
210.06	4.01	9.41	848	258.44	1.92	9.55	848	306.82	2.60	8.15	849
211.33	3.79	9.43	848	259.71	2.97	9.50	848	308.09	0.73	8.16	849
212.61	4.07	9.32	848	260.98	3.23	9.43	848	309.36	2.28	7.94	849
213.88	2.35	9.36	848	262.26	3.63	9.46	848	310.63	1.35	7.90	849
215.15	3.13	9.46	848	263.53	3.75	9.50	848	311.91	2.30	7.87	849
216.43	2.44	9.55	848	264.8	2.95	9.54	848	313.18	2.34	7.68	850
217.7	2.93	9.51	848	266.08	3.92	9.36	848	314.45	1.52	7.64	850
218.97	3.36	9.50	848	267.35	2.43	9.28	848	315.73	2.65	7.54	850
220.24	3.24	9.55	848	268.62	2.40	9.40	848	317	1.88	7.48	850

60 Cross-Sectional Data for Selected Reaches of the Chattahoochee River

Table 33. Distance from left bank, velocity, depth, and altitude data for Big Creek transect 9 (BC-3) (see figure 5 for location), Fulton County, Georgia, September 2004.

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
1.06	2.48	8.62	847	59.22	1.26	8.82	847	117.39	2.75	7.82	848
2.12	0.18	8.52	847	60.28	2.43	8.94	847	118.45	2.68	7.83	848
3.17	1.92	8.47	847	61.34	2.67	8.82	847	119.51	2.68	7.83	848
4.23	0.73	8.37	848	62.4	2.61	8.68	847	120.56	2.49	7.87	848
5.29	0.59	8.36	848	63.45	2.37	8.57	847	121.62	2.20	7.87	848
6.35	1.30	8.29	848	64.51	2.43	8.53	847	122.68	2.88	7.87	848
7.40	1.05	8.22	848	65.57	2.06	8.56	847	123.74	2.11	7.87	848
8.46	0.46	8.15	848	66.63	1.66	8.37	848	124.79	3.29	7.87	848
9.52	0.30	8.25	848	67.68	1.34	8.23	848	125.85	3.00	7.83	848
10.58	0.70	8.17	848	68.74	2.37	8.05	848	126.91	3.13	7.94	848
11.63	1.13	8.06	848	69.8	2.37	8.01	848	127.97	3.25	7.94	848
12.69	1.64	8.15	848	70.86	2.44	7.90	848	129.02	3.65	7.89	848
13.75	0.64	8.15	848	71.92	1.87	7.96	848	130.08	3.70	8.00	848
14.81	0.40	8.03	848	72.97	1.71	7.80	848	131.14	4.12	8.04	848
15.86	1.99	8.00	848	74.03	2.45	7.65	848	132.2	2.95	8.04	848
16.92	1.72	7.92	848	75.09	2.20	7.68	848	133.25	2.27	8.05	848
17.98	2.34	7.92	848	76.15	2.74	7.67	848	134.31	3.93	7.97	848
19.04	0.90	7.95	848	77.2	2.54	7.54	848	135.37	2.40	8.04	848
20.09	2.38	7.95	848	78.26	2.76	7.54	848	136.43	2.57	8.12	848
21.15	2.18	7.85	848	79.32	2.77	7.58	848	137.48	2.26	8.12	848
22.21	1.38	7.75	848	80.38	3.00	7.58	848	138.54	2.63	8.03	848
23.27	0.98	7.74	848	81.43	2.92	7.59	848	139.6	2.89	8.03	848
24.32	1.56	7.77	848	82.49	3.22	7.62	848	140.66	2.31	8.08	848
25.38	2.21	7.68	848	83.55	2.53	7.62	848	141.72	3.38	8.03	848
26.44	2.40	7.60	848	84.61	3.25	7.70	848	142.77	3.35	7.99	848
27.5	2.91	7.54	848	85.66	1.83	7.75	848	143.83	3.09	7.99	848
28.55	0.96	7.31	849	86.72	2.36	7.86	848	144.89	2.26	7.88	848
29.61	1.57	7.02	849	87.78	1.54	7.90	848	145.95	3.35	7.78	848
30.67	2.34	6.87	849	88.84	3.45	7.94	848	147	2.54	7.66	848
31.73	1.10	6.83	849	89.89	1.51	7.94	848	148.06	2.76	7.59	848
32.78	1.09	6.83	849	90.95	2.36	7.94	848	149.12	2.54	7.53	848
33.84	2.62	6.77	849	92.01	3.30	7.98	848	150.18	2.52	7.54	848
34.9	1.02	6.87	849	93.07	2.98	8.01	848	151.23	3.70	7.44	848
35.96	1.23	7.17	849	94.12	3.51	7.98	848	152.29	2.42	7.40	849
37.02	1.05	7.12	849	95.18	2.82	7.94	848	153.35	2.34	7.40	849
38.07	0.38	6.99	849	96.24	2.70	7.80	848	154.41	3.16	7.40	849
39.13	1.44	7.14	849	97.3	2.84	7.76	848	155.46	2.10	7.48	848
40.19	1.36	7.14	849	98.35	3.18	7.86	848	156.52	2.36	7.52	848
41.25	1.62	7.28	849	99.41	1.83	7.82	848	157.58	4.10	7.65	848
42.3	1.65	7.32	849	100.47	2.83	7.82	848	158.64	2.33	7.82	848
43.36	1.21	7.36	849	101.53	2.22	7.87	848	159.69	2.76	7.86	848
44.42	0.90	7.54	848	102.58	2.09	7.97	848	160.75	1.77	7.94	848
45.48	0.97	7.61	848	103.64	2.61	8.01	848	161.81	2.72	7.97	848
46.53	1.87	7.70	848	104.7	2.59	8.01	848	162.87	2.85	8.05	848
47.59	0.50	8.04	848	105.76	1.95	7.98	848	163.92	3.05	8.13	848
48.65	1.01	8.26	848	106.82	2.33	8.02	848	164.98	1.77	8.22	848
49.71	1.63	8.44	847	107.87	2.25	8.02	848	166.04	2.94	8.22	848
50.76	1.63	8.63	847	108.93	2.10	7.98	848	167.1	2.52	8.35	848
51.82	2.30	8.77	847	109.99	3.07	7.94	848	168.15	3.16	8.41	847
52.88	2.75	8.79	847	111.05	3.38	7.94	848	169.21	3.01	8.44	847
53.94	1.60	8.86	847	112.1	2.10	7.94	848	170.27	2.97	8.44	847
54.99	1.19	8.86	847	113.16	3.02	7.87	848	171.33	2.71	8.49	847
56.05	2.18	8.93	847	114.22	2.21	7.80	848	172.38	3.58	8.52	847
57.11	1.78	9.08	847	115.28	2.97	7.75	848	173.44	3.38	8.49	847
58.17	1.85	8.97	847	116.33	4.35	7.78	848	174.5	2.26	8.55	847

Table 33. Distance from left bank, velocity, depth, and altitude data for Big Creek transect 9 (BC-3) (see figure 5 for location), Fulton County, Georgia, September 2004.—Continued

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
175.56	2.38	8.38	848	233.72	2.63	8.35	848	291.89	2.02	8.37	848
176.62	2.86	8.37	848	234.78	4.09	8.31	848	292.95	1.61	8.34	848
177.67	1.20	8.41	847	235.84	3.29	8.16	848	294.01	2.37	8.34	848
178.73	2.64	8.41	847	236.9	3.28	8.19	848	295.06	0.87	8.37	848
179.79	3.97	8.31	848	237.95	2.29	8.27	848	296.12	1.94	8.41	847
180.85	3.10	8.27	848	239.01	2.24	8.27	848	297.18	2.86	8.41	847
181.90	2.50	8.15	848	240.07	2.39	8.20	848	298.24	3.50	8.41	847
182.96	3.11	8.09	848	241.13	1.78	8.09	848	299.29	2.96	8.41	847
184.02	2.25	8.09	848	242.18	2.20	8.16	848	300.35	3.48	8.44	847
185.08	1.91	8.12	848	243.24	3.01	8.17	848	301.41	3.29	8.53	847
186.13	2.16	8.12	848	244.3	4.12	8.19	848	302.47	2.46	8.53	847
187.19	4.46	8.09	848	245.36	1.30	8.15	848	303.52	3.32	8.60	847
188.25	2.52	8.20	848	246.42	2.64	8.27	848	304.58	2.17	8.60	847
189.31	3.67	8.27	848	247.47	2.52	8.31	848	305.64	2.48	8.68	847
190.36	2.90	8.20	848	248.53	3.75	8.31	848	306.7	3.17	8.64	847
191.42	3.31	8.23	848	249.59	3.90	8.24	848	307.75	3.18	8.74	847
192.48	1.80	8.45	847	250.65	3.06	8.34	848	308.81	2.98	8.85	847
193.54	3.22	8.42	847	251.7	3.61	8.31	848	309.87	3.25	8.89	847
194.59	4.29	8.27	848	252.76	1.84	8.23	848	310.93	3.05	8.89	847
195.65	2.61	8.37	848	253.82	1.71	8.16	848	311.98	2.25	8.96	847
196.71	2.99	8.37	848	254.88	4.71	8.08	848	313.04	2.01	9.00	847
197.77	2.08	8.31	848	255.93	3.22	8.23	848	314.1	3.51	9.14	847
198.82	3.42	8.22	848	256.99	3.24	8.08	848	315.16	2.80	9.14	847
199.88	3.92	8.22	848	258.05	3.30	7.98	848	316.22	2.26	9.21	847
200.94	2.95	8.19	848	259.11	3.07	7.90	848	317.27	3.05	9.07	847
202	3.77	8.16	848	260.16	2.41	7.98	848	318.33	2.35	8.92	847
203.05	3.28	8.16	848	261.22	3.15	7.94	848	319.39	2.93	8.95	847
204.11	2.38	8.16	848	262.28	4.13	7.90	848	320.45	2.84	8.99	847
205.17	2.58	8.16	848	263.34	2.51	8.02	848	321.5	3.23	8.93	847
206.23	4.61	8.17	848	264.39	3.24	7.98	848	322.56	2.95	8.52	847
207.28	2.36	8.23	848	265.45	3.08	7.94	848	323.62	2.91	8.41	847
208.34	2.73	8.26	848	266.51	2.77	8.01	848	324.68	2.70	8.37	848
209.4	3.04	8.38	848	267.57	1.89	7.98	848	325.73	2.53	8.27	848
210.46	2.57	8.38	848	268.62	2.94	7.94	848	326.79	1.91	8.19	848
211.52	3.55	8.44	847	269.68	3.17	7.94	848	327.85	3.42	8.19	848
212.57	2.98	8.48	847	270.74	4.11	7.93	848	328.91	1.68	8.08	848
213.63	1.93	8.64	847	271.8	2.94	7.76	848	329.96	2.11	8.01	848
214.69	2.78	8.71	847	272.85	2.05	7.83	848	331.02	2.08	7.94	848
215.75	1.94	8.70	847	273.91	3.85	7.97	848	332.08	2.18	7.90	848
216.8	2.22	8.75	847	274.97	3.87	8.04	848	333.14	2.43	7.85	848
217.86	2.90	8.74	847	276.03	3.65	8.30	848	334.19	1.03	7.75	848
218.92	2.28	8.74	847	277.08	4.22	8.47	847	335.25	2.93	7.76	848
219.98	2.48	8.67	847	278.14	2.85	8.36	848	336.31	2.77	7.75	848
221.03	3.14	8.64	847	279.2	3.51	8.40	847	337.37	1.92	7.68	848
222.09	2.71	8.60	847	280.26	2.94	8.48	847	338.42	2.98	7.43	848
223.15	2.03	8.59	847	281.32	3.83	8.67	847	339.48	2.05	7.47	848
224.21	3.78	8.56	847	282.37	2.42	8.63	847	340.54	2.86	7.36	849
225.26	2.83	8.52	847	283.43	2.21	8.64	847	341.6	3.30	7.28	849
226.32	2.95	8.49	847	284.49	2.60	8.70	847	342.65	2.74	7.22	849
227.38	3.00	8.52	847	285.55	2.81	8.67	847	343.71	2.42	7.18	849
228.44	2.84	8.55	847	286.6	1.49	8.63	847	344.77	2.28	7.22	849
229.49	3.66	8.53	847	287.66	1.99	8.55	847	345.83	1.95	7.14	849
230.55	4.69	8.37	848	288.72	2.72	8.55	847	346.88	1.88	7.18	849
231.61	2.75	8.42	847	289.78	1.78	8.45	847	347.94	2.33	7.10	849
232.67	3.55	8.34	848	290.83	3.10	8.42	847	349	2.30	7.03	849

Table 34. Distance from right bank, velocity, depth, and altitude data for Big Creek transect 10 (BC-3) (see figure 5 for location), Fulton County, Georgia, September 2004.

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
1.40	1.98	6.62	849	57.3	2.28	7.51	848	113.2	2.84	8.38	848
2.80	2.11	6.58	849	58.70	2.75	7.72	848	114.6	2.67	8.38	848
4.19	1.93	6.58	849	60.1	2.90	7.66	848	116.00	3.97	8.34	848
5.59	1.96	6.55	849	61.49	2.22	7.70	848	117.4	2.23	8.26	848
6.99	1.73	6.55	849	62.89	3.14	7.56	848	118.8	3.40	8.19	848
8.39	1.40	6.55	849	64.29	2.94	7.51	848	120.19	3.92	8.13	848
9.78	2.51	6.51	849	65.69	2.62	7.58	848	121.59	3.26	8.30	848
11.18	2.19	6.51	849	67.08	2.54	7.55	848	122.99	2.75	8.26	848
12.58	2.83	6.55	849	68.48	1.70	7.73	848	124.39	2.21	8.34	848
13.98	1.67	6.55	849	69.88	2.37	7.79	848	125.78	3.00	8.37	848
15.37	3.70	6.65	849	71.28	2.39	7.90	848	127.18	2.17	8.33	848
16.77	0.80	6.55	849	72.67	2.75	7.93	848	128.58	1.72	8.32	848
18.17	1.54	6.58	849	74.07	2.01	8.13	848	129.98	2.28	8.40	848
19.57	2.73	6.58	849	75.47	2.88	8.27	848	131.37	2.98	8.38	848
20.96	2.10	6.51	849	76.87	1.99	8.38	848	132.77	2.71	8.23	848
22.36	2.30	6.55	849	78.27	1.98	8.52	847	134.17	2.28	8.16	848
23.76	1.55	6.55	849	79.66	3.38	8.74	847	135.57	2.28	8.19	848
25.16	2.08	6.52	849	81.06	2.52	8.88	847	136.96	2.49	8.23	848
26.55	2.25	6.48	849	82.46	2.84	8.99	847	138.36	2.84	8.27	848
27.95	2.83	6.52	849	83.86	2.48	8.93	847	139.76	1.89	8.30	848
29.35	1.92	6.52	849	85.25	2.75	8.96	847	141.16	2.23	8.16	848
30.75	2.67	6.59	849	86.65	3.39	9.11	847	142.55	3.15	8.16	848
32.14	2.04	6.76	849	88.05	3.39	9.25	847	143.95	2.72	8.23	848
33.54	1.12	6.81	849	89.45	2.92	9.18	847	145.35	3.79	8.23	848
34.94	2.50	6.84	849	90.84	2.87	9.18	847	146.75	4.37	8.19	848
36.34	2.21	6.95	849	92.24	2.63	9.04	847	148.14	3.25	8.23	848
37.74	2.39	7.02	849	93.64	3.09	8.92	847	149.54	3.18	8.23	848
39.13	1.22	7.09	849	95.04	2.64	8.89	847	150.94	4.66	8.19	848
40.53	3.33	7.10	849	96.43	4.21	8.77	847	152.34	5.57	8.20	848
41.93	1.92	7.33	849	97.83	3.93	8.67	847	153.73	3.73	8.23	848
43.33	1.86	7.44	848	99.23	3.03	8.67	847	155.13	4.14	8.20	848
44.72	2.06	7.51	848	100.63	3.73	8.59	847	156.53	2.83	8.20	848
46.12	2.75	7.59	848	102.02	3.07	8.59	847	157.93	1.04	8.20	848
47.52	1.15	7.52	848	103.42	2.88	8.59	847	159.33	2.60	8.41	847
48.92	2.38	7.62	848	104.82	2.78	8.59	847	160.72	3.99	8.35	848
50.31	1.06	7.66	848	106.22	2.50	8.67	847	162.12	2.58	8.30	848
51.71	1.13	7.71	848	107.61	3.01	8.66	847	163.52	2.10	8.38	848
53.11	3.00	7.78	848	109.01	1.67	8.56	847	164.92	3.67	8.47	847
54.51	2.20	7.79	848	110.41	2.54	8.48	847	166.31	2.42	8.44	847
55.9	2.56	7.63	848	111.81	1.22	8.38	848	167.71	2.08	8.41	847

Table 34. Distance from right bank, velocity, depth, and altitude data for Big Creek transect 10 (BC-3) (see figure 5 for location), Fulton County, Georgia, September 2004.—Continued

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
169.11	3.75	8.41	847	229.2	2.78	8.16	848	289.3	3.08	7.94	848
170.51	4.87	8.44	847	230.6	3.43	8.13	848	290.70	2.89	7.86	848
171.9	1.69	8.37	848	232	3.16	8.16	848	292.1	0.93	8.20	848
173.30	4.15	8.30	848	233.4	2.69	8.38	848	293.49	1.73	8.09	848
174.7	2.64	8.32	848	234.8	1.41	8.41	847	294.89	2.15	8.04	848
176.1	3.01	8.49	847	236.19	2.16	8.38	848	296.29	2.60	7.86	848
177.49	2.37	8.55	847	237.59	2.85	8.44	847	297.69	2.98	7.82	848
178.89	3.20	8.68	847	238.99	2.12	8.44	847	299.08	4.32	7.75	848
180.29	1.90	8.79	847	240.39	2.68	8.41	847	300.48	1.83	7.75	848
181.69	1.56	8.76	847	241.78	2.39	8.41	847	301.88	2.83	7.87	848
183.08	3.24	8.88	847	243.18	1.85	8.44	847	303.28	2.70	7.98	848
184.48	2.21	8.96	847	244.58	3.10	8.42	847	304.67	2.31	7.94	848
185.88	3.31	8.88	847	245.98	2.61	8.31	848	306.07	1.33	8.01	848
187.28	3.17	9.07	847	247.37	2.40	8.16	848	307.47	2.55	8.34	848
188.67	2.81	9.03	847	248.77	1.69	8.20	848	308.87	2.20	8.34	848
190.07	3.72	8.80	847	250.17	2.28	8.08	848	310.27	2.31	8.35	848
191.47	3.01	8.67	847	251.57	2.60	8.08	848	311.66	1.30	8.49	847
192.87	1.79	8.37	848	252.96	2.38	8.00	848	313.06	1.86	8.38	848
194.27	4.02	8.20	848	254.36	2.46	7.86	848	314.46	2.18	8.35	848
195.66	3.36	8.31	848	255.76	2.92	7.96	848	315.86	2.12	8.38	848
197.06	2.26	8.41	847	257.16	3.08	7.97	848	317.25	2.44	8.38	848
198.46	2.82	8.55	847	258.55	2.70	7.82	848	318.65	3.82	8.49	847
199.86	3.97	8.81	847	259.95	2.15	7.81	848	320.05	2.84	8.34	848
201.25	3.30	8.76	847	261.35	2.43	7.60	848	321.45	2.38	8.56	847
202.65	3.44	8.76	847	262.75	3.77	7.48	848	322.84	2.31	8.59	847
204.05	1.52	8.65	847	264.14	2.67	7.44	848	324.24	1.58	8.50	847
205.45	2.42	8.52	847	265.54	2.08	7.50	848	325.64	1.68	8.64	847
206.84	2.39	8.45	847	266.94	2.26	7.73	848	327.04	2.35	8.70	847
208.24	2.45	8.44	847	268.34	2.44	7.75	848	328.43	1.68	8.70	847
209.64	3.25	8.56	847	269.74	1.77	7.82	848	329.83	1.01	8.71	847
211.04	2.79	8.67	847	271.13	1.95	8.01	848	331.23	2.48	8.81	847
212.43	1.50	8.68	847	272.53	2.43	7.97	848	332.63	2.81	8.96	847
213.83	2.42	8.59	847	273.93	2.89	8.08	848	334.02	2.23	8.96	847
215.23	2.49	8.52	847	275.33	2.51	8.00	848	335.42	2.25	9.00	847
216.63	3.13	8.56	847	276.72	3.10	8.04	848	336.82	2.58	9.03	847
218.02	2.32	8.38	848	278.12	1.91	7.98	848	338.22	2.33	9.11	847
219.42	0.87	8.59	847	279.52	1.80	7.90	848	339.61	3.01	9.11	847
220.82	3.32	8.30	848	280.92	2.33	7.83	848	341.01	1.28	9.08	847
222.22	2.32	8.11	848	282.31	2.67	7.80	848	342.41	2.96	8.96	847
223.61	2.64	8.04	848	283.71	3.45	7.71	848	343.81	2.89	8.88	847
225.01	4.41	8.12	848	285.11	1.96	7.71	848	345.2	2.59	8.84	847
226.41	3.55	8.05	848	286.51	1.97	7.76	848	346.6	2.40	8.76	847
227.81	3.70	8.05	848	287.9	2.34	7.75	848	348	1.27	8.70	847

Table 35. Distance from left bank, velocity, depth, and altitude data for Big Creek transect 11 (BC-4) (see figure 5 for location), Fulton County, Georgia, September 2004.

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
1.65	2.64	5.13	851	65.8	1.00	6.13	850	129.96	2.77	7.90	848
3.29	1.98	5.05	851	67.45	3.22	5.66	850	131.6	1.53	8.00	848
4.94	2.88	5.02	851	69.09	3.46	5.98	850	133.25	2.94	8.05	848
6.58	2.37	4.95	851	70.74	2.66	6.07	850	134.89	3.13	8.09	848
8.23	2.13	5.01	851	72.38	3.33	6.23	850	136.54	3.02	8.20	848
9.87	2.71	4.98	851	74.03	2.93	6.11	850	138.18	2.72	8.23	848
11.52	1.28	5.01	851	75.67	3.14	6.04	850	139.83	2.37	8.16	848
13.16	1.15	4.98	851	77.32	1.77	6.11	850	141.47	2.77	8.35	847
14.81	1.71	4.98	851	78.96	2.27	6.00	850	143.12	2.91	8.23	848
16.45	3.24	4.95	851	80.61	3.90	6.29	849	144.76	2.99	8.24	848
18.1	2.95	4.98	851	82.25	2.91	6.15	850	146.41	3.01	8.46	847
19.74	2.10	4.95	851	83.9	3.51	6.19	850	148.05	2.48	8.34	847
21.39	2.62	5.09	851	85.54	2.59	6.18	850	149.7	3.26	8.38	847
23.03	3.60	5.05	851	87.19	2.84	6.07	850	151.34	2.82	8.50	847
24.68	2.61	5.02	851	88.83	3.13	6.00	850	152.99	2.22	8.46	847
26.32	2.47	5.05	851	90.48	3.11	6.06	850	154.63	3.49	8.45	847
27.97	1.80	5.08	851	92.12	2.75	6.00	850	156.28	3.61	8.34	847
29.61	1.75	5.12	851	93.77	2.79	6.07	850	157.92	3.42	8.35	847
31.26	1.77	5.08	851	95.41	4.90	5.88	850	159.57	3.28	8.34	847
32.9	2.51	5.20	851	97.06	3.82	5.85	850	161.21	2.79	8.27	848
34.55	1.99	5.17	851	98.7	2.39	5.93	850	162.86	2.55	8.31	847
36.19	2.40	5.20	851	100.35	3.31	6.03	850	164.5	4.21	8.23	848
37.84	1.85	5.13	851	101.99	2.86	6.34	849	166.15	3.19	8.38	847
39.48	2.82	5.17	851	103.64	3.45	6.49	849	167.79	2.71	8.35	847
41.13	2.80	5.28	851	105.28	2.77	6.59	849	169.44	3.55	8.38	847
42.77	2.09	5.25	851	106.93	2.58	6.78	849	171.08	3.22	8.45	847
44.42	3.78	5.31	850	108.57	2.36	6.96	849	172.73	3.29	8.45	847
46.06	2.57	5.25	851	110.22	3.04	7.06	849	174.37	2.51	8.38	847
47.71	1.90	5.24	851	111.86	1.76	7.25	849	176.02	3.20	8.31	847
49.35	3.34	5.66	850	113.51	2.67	7.32	848	177.66	3.58	8.20	848
51.0	1.72	5.73	850	115.15	1.35	7.44	848	179.31	2.65	8.20	848
52.64	2.92	5.76	850	116.8	2.35	7.47	848	180.95	3.27	8.27	848
54.29	2.04	5.87	850	118.44	0.10	7.51	848	182.6	2.63	8.37	847
55.93	3.25	6.02	850	120.09	3.41	7.50	848	184.24	4.46	8.41	847
57.58	3.13	6.10	850	121.73	1.63	7.76	848	185.89	2.89	8.45	847
59.22	2.90	6.02	850	123.38	1.66	7.76	848	187.53	3.60	8.45	847
60.87	2.40	6.06	850	125.02	2.64	7.86	848	189.18	3.68	8.39	847
62.51	1.66	6.02	850	126.67	2.31	8.12	848	190.82	4.52	8.42	847
64.16	2.03	5.99	850	128.31	2.65	7.91	848	192.47	2.83	8.35	847

Table 35. Distance from left bank, velocity, depth, and altitude data for Big Creek transect 11 (BC-4) (see figure 5 for location), Fulton County, Georgia, September 2004.—Continued

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
194.11	2.27	8.37	847	256.62	3.27	8.34	847	319.13	2.02	7.72	848
195.76	2.07	8.53	847	258.27	3.02	8.30	847	320.78	1.98	7.71	848
197.4	3.25	8.54	847	259.91	2.77	8.19	848	322.42	2.68	7.79	848
199.05	4.02	8.64	847	261.56	2.46	8.16	848	324.07	2.42	7.75	848
200.69	2.13	8.66	847	263.2	2.97	7.94	848	325.71	2.45	7.82	848
202.34	3.07	8.70	847	264.85	2.86	7.86	848	327.36	2.13	7.83	848
203.98	3.27	8.74	847	266.49	3.50	7.76	848	329	2.63	7.82	848
205.63	3.21	9.03	847	268.14	3.20	7.79	848	330.65	2.27	7.82	848
207.27	2.65	9.15	847	269.78	3.57	7.64	848	332.29	1.78	7.79	848
208.92	3.22	9.29	847	271.43	3.25	7.57	848	333.94	3.21	7.82	848
210.56	3.90	9.66	846	273.07	3.24	7.58	848	335.58	2.93	7.82	848
212.21	3.53	9.65	846	274.72	3.29	7.59	848	337.23	3.84	7.86	848
213.85	2.68	9.62	846	276.36	3.69	7.59	848	338.87	3.17	7.86	848
215.5	2.72	9.66	846	278.01	3.31	7.44	848	340.52	2.21	7.90	848
217.14	1.79	9.65	846	279.65	4.03	7.54	848	342.16	2.17	7.93	848
218.79	3.25	9.62	846	281.3	3.06	7.47	848	343.81	2.70	7.90	848
220.43	2.83	9.59	846	282.94	3.62	7.47	848	345.45	3.02	7.94	848
222.08	2.57	9.59	846	284.59	1.86	7.44	848	347.1	2.76	7.94	848
223.72	1.79	9.70	846	286.23	2.15	7.51	848	348.74	2.66	7.86	848
225.37	2.17	9.62	846	287.88	2.76	7.54	848	350.39	2.54	7.91	848
227.01	3.30	9.70	846	289.52	4.64	7.58	848	352.03	2.29	7.76	848
228.66	2.19	9.81	846	291.17	3.01	7.68	848	353.68	2.65	7.82	848
230.3	2.75	9.70	846	292.81	2.56	7.75	848	355.32	3.35	7.72	848
231.95	1.92	9.70	846	294.46	3.53	7.86	848	356.97	2.16	7.72	848
233.59	2.55	9.73	846	296.1	3.16	7.82	848	358.61	2.60	7.64	848
235.24	3.19	9.73	846	297.75	2.46	7.82	848	360.26	1.32	7.63	848
236.88	2.07	9.62	846	299.39	3.71	7.86	848	361.9	3.07	7.61	848
238.53	1.30	9.44	846	301.04	2.45	7.86	848	363.55	1.52	7.52	848
240.17	1.76	9.50	846	302.68	3.42	7.83	848	365.19	1.01	7.46	848
241.82	3.02	9.17	847	304.33	3.45	7.83	848	366.84	1.48	7.44	848
243.46	2.52	8.96	847	305.97	3.33	7.82	848	368.48	1.22	7.40	848
245.11	3.16	8.92	847	307.62	2.73	7.79	848	370.13	3.12	7.32	848
246.75	2.91	8.71	847	309.26	2.62	7.79	848	371.77	1.75	7.25	849
248.4	3.39	8.40	847	310.91	3.64	7.83	848	373.42	1.45	7.10	849
250.04	2.55	8.37	847	312.55	2.30	7.79	848	375.06	1.24	7.02	849
251.69	5.44	8.19	848	314.2	1.60	7.79	848	376.71	1.51	6.96	849
253.33	3.28	8.04	848	315.84	1.88	7.75	848	378.35	0.98	6.92	849
254.98	2.05	8.33	847	317.49	3.69	7.67	848	380	1.24	6.85	849

Table 36. Distance from right bank, velocity, depth, and altitude data for Big Creek transect 12 (BC-4) (see figure 5 for location) Fulton County, Georgia, September 2004.

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
1.59	2.04	5.79	850	66.6	1.30	7.43	848	131.62	2.55	8.08	848
3.17	1.11	5.79	850	68.19	1.76	7.61	848	133.21	1.99	8.12	848
4.76	1.45	5.72	850	69.77	1.44	7.66	848	134.79	2.47	8.09	848
6.34	1.45	5.68	850	71.36	2.36	7.72	848	136.38	2.86	8.16	848
7.93	1.50	5.64	850	72.95	2.56	7.93	848	137.96	1.55	8.05	848
9.51	2.17	5.64	850	74.53	2.75	7.98	848	139.55	1.89	8.09	848
11.1	1.58	5.59	850	76.12	2.83	7.87	848	141.13	2.14	8.15	848
12.69	2.31	5.64	850	77.7	2.81	7.89	848	142.72	3.29	8.12	848
14.27	1.19	5.59	850	79.29	1.81	8.00	848	144.31	1.64	7.97	848
15.86	0.83	5.59	850	80.87	3.41	7.83	848	145.89	2.64	7.86	848
17.44	1.21	5.56	850	82.46	1.99	7.64	848	147.48	2.70	7.75	848
19.03	1.72	5.56	850	84.05	2.44	7.63	848	149.06	2.27	7.68	848
20.62	1.47	5.59	850	85.63	3.24	7.67	848	150.65	2.12	7.64	848
22.2	0.62	5.67	850	87.22	2.64	7.60	848	152.23	2.34	7.70	848
23.79	1.55	5.67	850	88.8	2.54	7.70	848	153.82	2.67	7.76	848
25.37	2.21	5.70	850	90.39	1.53	7.76	848	155.41	2.49	7.71	848
26.96	2.21	5.74	850	91.97	1.93	7.75	848	156.99	2.40	7.76	848
28.54	1.24	5.81	850	93.56	1.94	7.72	848	158.58	2.60	7.76	848
30.13	3.07	5.81	850	95.15	1.72	7.64	848	160.16	3.13	7.79	848
31.72	1.90	5.81	850	96.73	2.29	7.59	848	161.75	2.24	7.94	848
33.3	1.41	5.89	850	98.32	1.76	7.59	848	163.33	3.38	7.90	848
34.89	1.84	5.93	850	99.9	2.42	7.70	848	164.92	2.90	8.19	848
36.47	2.39	6.01	850	101.49	2.85	7.67	848	166.51	2.61	8.16	848
38.06	1.69	6.01	850	103.08	3.31	7.98	848	168.09	2.60	8.24	848
39.64	2.37	6.11	850	104.66	3.31	7.98	848	169.68	2.10	8.23	848
41.23	1.72	6.11	850	106.25	4.80	7.86	848	171.26	2.27	8.27	848
42.82	2.34	6.26	850	107.83	2.62	8.05	848	172.85	2.73	8.27	848
44.4	2.94	6.30	849	109.42	2.72	8.16	848	174.44	2.15	8.39	847
45.99	1.06	6.30	849	111	2.23	8.20	848	176.02	2.69	8.41	847
47.57	2.64	6.34	849	112.59	1.61	8.26	848	177.61	2.01	8.50	847
49.16	2.29	6.37	849	114.18	2.54	8.34	847	179.19	2.51	8.56	847
50.74	2.08	6.56	849	115.76	1.69	8.42	847	180.78	3.31	8.77	847
52.33	0.97	6.67	849	117.35	3.07	8.30	847	182.36	3.39	8.96	847
53.92	1.71	6.78	849	118.93	1.11	8.20	848	183.95	3.65	9.14	847
55.5	2.68	7.00	849	120.52	2.45	8.27	848	185.54	2.75	9.18	847
57.09	1.23	6.96	849	122.1	3.06	8.23	848	187.12	3.65	9.33	846
58.67	2.66	7.02	849	123.69	3.30	8.09	848	188.71	1.88	9.37	846
60.26	2.55	7.10	849	125.28	3.52	8.13	848	190.29	3.58	9.32	846
61.85	1.36	7.06	849	126.86	2.75	8.05	848	191.88	2.57	9.44	846
63.43	3.16	7.21	849	128.45	2.70	8.04	848	193.46	2.33	9.52	846
65.02	0.78	7.36	848	130.03	3.32	7.97	848	195.05	3.51	9.48	846

Table 36. Distance from right bank, velocity, depth, and altitude data for Big Creek transect 12 (BC-4) (see figure 5 for location), Fulton County, Georgia, September 2004.—Continued

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
196.64	2.23	9.62	846	258.48	3.28	8.49	847	320.33	1.87	6.52	849
198.22	3.75	9.72	846	260.07	2.56	8.44	847	321.91	3.37	6.48	849
199.81	3.24	9.76	846	261.65	2.99	8.49	847	323.5	2.81	6.41	849
201.39	2.34	9.81	846	263.24	3.20	8.57	847	325.08	1.64	6.36	849
202.98	1.92	9.91	846	264.82	2.47	8.64	847	326.67	2.95	6.33	849
204.56	3.08	10.06	846	266.41	2.23	8.67	847	328.26	2.96	6.36	849
206.15	1.90	10.08	846	268	2.64	8.70	847	329.84	2.75	6.14	850
207.74	3.14	10.04	846	269.58	4.59	8.67	847	331.43	2.66	6.07	850
209.32	2.03	10.05	846	271.17	3.98	8.59	847	333.01	4.58	6.11	850
210.91	2.25	10.04	846	272.75	3.28	8.56	847	334.6	1.96	6.08	850
212.49	2.03	10.0	846	274.34	2.10	8.58	847	336.18	2.80	5.89	850
214.08	4.20	9.81	846	275.92	1.61	8.45	847	337.77	2.85	6.18	850
215.67	2.74	9.66	846	277.51	2.11	8.56	847	339.36	3.15	6.26	850
217.25	3.19	9.47	846	279.1	1.78	8.27	848	340.94	2.42	6.33	849
218.84	2.74	9.35	846	280.68	2.56	8.42	847	342.53	3.07	6.38	849
220.42	3.34	9.31	846	282.27	2.76	8.19	848	344.11	2.58	6.15	850
222.01	3.06	9.18	847	283.85	1.97	8.27	848	345.7	2.41	6.04	850
223.59	2.05	9.10	847	285.44	2.85	8.16	848	347.28	3.19	5.93	850
225.18	2.14	9.11	847	287.03	2.91	8.26	848	348.87	2.93	5.93	850
226.77	2.89	9.11	847	288.61	2.01	8.25	848	350.46	1.21	5.78	850
228.35	2.68	9.25	847	290.2	1.68	8.19	848	352.04	2.17	5.74	850
229.94	3.18	9.14	847	291.78	2.21	8.16	848	353.63	2.12	5.71	850
231.52	2.71	8.99	847	293.37	3.86	8.11	848	355.21	2.82	5.61	850
233.11	2.81	8.78	847	294.95	1.88	7.86	848	356.8	1.81	5.54	850
234.69	3.56	8.59	847	296.54	1.90	7.79	848	358.38	1.36	5.47	850
236.28	2.92	8.56	847	298.13	2.45	7.56	848	359.97	2.45	5.44	850
237.87	2.92	8.53	847	299.71	2.04	7.51	848	361.56	2.20	5.43	850
239.45	2.23	8.42	847	301.3	3.36	7.44	848	363.14	2.56	5.36	850
241.04	3.50	8.45	847	302.88	2.25	7.47	848	364.73	2.55	5.31	850
242.62	3.09	8.45	847	304.47	2.12	7.21	849	366.31	1.53	5.21	851
244.21	3.71	8.50	847	306.05	1.23	7.21	849	367.9	2.42	5.16	851
245.79	2.14	8.54	847	307.64	2.73	6.99	849	369.49	2.28	5.24	851
247.38	4.00	8.57	847	309.23	1.99	6.78	849	371.07	3.37	5.09	851
248.97	3.27	8.56	847	310.81	2.53	6.58	849	372.66	1.78	5.01	851
250.55	2.47	8.55	847	312.4	2.45	6.25	850	374.24	2.06	4.95	851
252.14	3.76	8.56	847	313.98	1.52	5.85	850	375.83	2.14	4.81	851
253.72	2.98	8.49	847	315.57	2.79	5.97	850	377.41	1.41	4.73	851
255.31	3.38	8.44	847	317.15	2.76	6.01	850	379	2.03	4.70	851
256.9	3.53	8.45	847	318.74	3.40	6.29	850				

Table 37. Distance from left bank, velocity, depth, and altitude data for Big Creek transect 14 (BC-5) (see figure 5 for location), Fulton County, Georgia, September 2004.

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
1.73	2.09	3.98	852	65.81	2.30	5.96	850	129.89	2.14	7.04	849
3.46	1.39	4.05	852	67.54	2.14	6.04	850	131.62	3.00	7.22	849
5.20	2.34	4.20	852	69.27	1.75	6.00	850	133.35	2.05	7.36	849
6.93	2.71	4.55	852	71.0	1.90	6.12	850	135.08	1.11	7.65	849
8.66	1.53	4.88	851	72.74	1.28	6.19	850	136.81	2.25	7.73	849
10.39	1.72	4.95	851	74.47	1.68	6.19	850	138.55	2.99	8.08	848
12.12	2.30	5.06	851	76.2	1.03	6.34	850	140.28	3.41	8.19	848
13.85	2.20	5.21	851	77.93	1.66	6.45	850	142.01	2.59	8.19	848
15.59	2.85	5.36	851	79.66	2.36	6.34	850	143.74	1.68	8.16	848
17.32	2.47	5.43	851	81.4	1.75	6.33	850	145.47	3.46	7.98	848
19.05	3.71	5.46	851	83.13	1.07	6.30	850	147.2	3.69	7.98	848
20.78	2.45	5.59	851	84.86	1.73	6.16	850	148.94	1.41	7.87	848
22.51	2.04	5.59	851	86.59	1.20	6.16	850	150.67	1.21	7.83	848
24.25	1.81	5.65	851	88.32	1.19	6.33	850	152.4	2.61	7.86	848
25.98	1.99	6.30	850	90.05	2.30	6.44	850	154.13	2.84	7.75	849
27.71	2.57	6.37	850	91.79	1.38	6.70	850	155.86	0.78	7.71	849
29.44	2.88	6.49	850	93.52	3.56	6.86	849	157.6	1.83	7.67	849
31.17	2.32	6.56	850	95.25	3.01	6.92	849	159.33	2.62	7.52	849
32.9	2.18	6.64	850	96.98	2.01	7.07	849	161.06	2.11	7.61	849
34.64	2.45	6.49	850	98.71	1.59	6.97	849	162.79	2.18	7.54	849
36.37	2.93	6.31	850	100.45	3.14	6.88	849	164.52	2.92	7.50	849
38.1	2.00	6.11	850	102.18	2.61	6.78	849	166.25	2.51	7.32	849
39.83	2.77	5.86	850	103.91	2.45	6.73	850	167.99	2.84	7.21	849
41.56	2.53	5.75	851	105.64	2.97	6.74	850	169.72	2.05	7.14	849
43.3	3.37	5.65	851	107.37	3.70	6.64	850	171.45	2.57	7.21	849
45.03	2.90	5.68	851	109.1	3.04	6.64	850	173.18	3.35	7.00	849
46.76	2.19	5.61	851	110.84	2.91	6.64	850	174.91	4.35	7.16	849
48.49	2.94	5.57	851	112.57	2.96	6.57	850	176.65	2.90	7.11	849
50.22	3.18	5.82	850	114.3	3.20	6.64	850	178.38	3.78	7.33	849
51.95	2.30	5.72	851	116.03	1.77	6.60	850	180.11	3.34	7.25	849
53.69	2.10	5.71	851	117.76	2.12	6.67	850	181.84	3.10	7.32	849
55.42	3.12	5.89	850	119.50	3.32	6.52	850	183.57	2.64	7.43	849
57.15	2.41	6.04	850	121.23	3.18	6.64	850	185.3	2.86	7.54	849
58.88	2.60	6.04	850	122.96	2.20	6.82	849	187.04	3.28	7.69	849
60.61	2.93	6.07	850	124.69	2.59	6.86	849	188.77	3.24	7.97	848
62.35	2.86	6.04	850	126.42	4.55	6.89	849	190.5	2.43	8.01	848
64.08	2.21	6.03	850	128.15	3.17	7.07	849	192.23	3.69	8.29	848

Table 37. Distance from left bank, velocity, depth, and altitude data for Big Creek transect 14 (BC-5) (see figure 5 for location), Fulton County, Georgia, September 2004.—Continued

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
193.96	2.61	8.38	848	258.04	2.49	8.17	848	322.12	3.12	7.51	849
195.7	3.10	8.53	848	259.77	2.87	8.38	848	323.85	5.07	7.69	849
197.43	2.94	8.70	848	261.5	3.05	8.30	848	325.58	4.27	7.79	848
199.16	3.41	8.78	847	263.24	4.03	8.23	848	327.31	3.21	8.02	848
200.89	3.50	8.71	848	264.97	3.45	8.29	848	329.05	4.10	8.41	848
202.62	3.72	8.56	848	266.7	3.27	8.26	848	330.78	2.46	9.22	847
204.35	4.46	8.70	848	268.43	4.89	8.23	848	332.51	1.90	9.58	847
206.09	4.43	8.74	848	270.16	4.81	8.31	848	334.24	1.95	9.93	846
207.82	3.64	8.62	848	271.9	2.24	8.38	848	335.97	1.83	10.08	846
209.55	4.04	8.55	848	273.63	4.17	8.52	848	337.7	2.92	10.23	846
211.28	4.37	8.49	848	275.36	2.00	8.63	848	339.44	1.54	9.88	846
213.01	3.40	8.29	848	277.09	2.98	8.78	847	341.17	1.43	9.82	846
214.75	2.71	8.27	848	278.82	1.72	8.81	847	342.9	1.93	9.17	847
216.48	2.41	8.26	848	280.55	3.41	8.91	847	344.63	1.28	9.02	847
218.21	3.87	8.33	848	282.29	2.22	9.18	847	346.36	1.71	8.61	848
219.94	4.43	8.52	848	284.02	1.58	9.24	847	348.1	3.85	8.50	848
221.67	3.63	8.64	848	285.75	4.45	9.58	847	349.83	3.35	8.06	848
223.4	2.36	8.64	848	287.48	2.19	9.55	847	351.56	2.28	7.89	848
225.14	3.74	8.56	848	289.21	3.41	9.69	847	353.29	2.11	7.40	849
226.87	1.39	8.49	848	290.95	2.61	9.85	846	355.02	2.71	7.35	849
228.6	2.34	8.56	848	292.68	3.11	9.92	846	356.75	2.51	7.20	849
230.33	3.52	8.53	848	294.41	2.43	9.95	846	358.49	2.62	7.13	849
232.06	2.78	8.44	848	296.14	3.96	9.90	846	360.22	3.38	6.92	849
233.8	3.62	8.45	848	297.87	3.21	9.94	846	361.95	2.90	6.85	849
235.53	3.00	8.45	848	299.6	3.01	9.90	846	363.68	2.47	6.92	849
237.26	3.19	8.52	848	301.34	2.28	9.81	846	365.41	3.35	6.89	849
238.99	4.33	8.74	848	303.07	2.72	9.47	847	367.15	2.29	6.88	849
240.72	3.55	8.55	848	304.8	3.43	9.18	847	368.88	1.79	6.89	849
242.45	2.69	8.59	848	306.53	2.36	8.95	847	370.61	3.74	6.92	849
244.19	3.57	8.53	848	308.26	1.20	8.79	847	372.34	1.39	6.92	849
245.92	3.59	8.48	848	310	1.90	8.34	848	374.07	1.94	6.91	849
247.65	2.59	8.44	848	311.73	3.42	8.08	848	375.8	2.72	6.85	849
249.38	2.47	8.13	848	313.46	1.55	7.94	848	377.54	3.11	6.85	849
251.11	3.30	8.16	848	315.19	3.94	7.90	848	379.27	3.38	6.77	849
252.85	2.05	8.15	848	316.92	4.11	7.68	849	381	3.43	6.81	849
254.58	4.06	8.16	848	318.65	1.65	7.54	849				
256.31	2.59	8.30	848	320.39	3.03	7.58	849				

70 Cross-Sectional Data for Selected Reaches of the Chattahoochee River

Table 38. Distance from right bank, velocity, depth, and altitude data for Big Creek transect 15 (BC-5 (see figure 5 for location), Fulton County, Georgia, September 2004.

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
1.23	3.18	6.35	850	62.93	2.26	7.47	849	124.62	2.32	8.01	848
2.47	3.26	6.37	850	64.16	2.10	7.56	849	125.86	3.20	8.19	848
3.70	2.80	6.32	850	65.4	1.43	7.45	849	127.09	3.64	8.23	848
4.94	3.17	6.25	850	66.63	2.80	7.84	848	128.33	2.09	8.45	848
6.17	1.88	6.22	850	67.86	1.39	7.87	848	129.56	3.16	8.63	848
7.40	2.71	6.29	850	69.1	3.49	7.82	848	130.79	3.22	8.74	848
8.64	2.69	6.25	850	70.33	1.83	7.91	848	132.03	3.69	8.70	848
9.87	3.55	6.22	850	71.57	3.12	7.94	848	133.26	3.59	8.59	848
11.11	2.56	6.19	850	72.8	4.17	8.06	848	134.49	2.27	8.59	848
12.34	2.73	6.19	850	74.03	5.44	7.81	848	135.73	2.68	8.59	848
13.57	3.09	6.15	850	75.27	3.41	7.83	848	136.96	2.81	8.68	848
14.81	4.03	6.11	850	76.5	3.78	7.55	849	138.2	2.83	8.63	848
16.04	4.03	6.11	850	77.74	2.37	7.47	849	139.43	3.08	8.49	848
17.27	2.28	6.07	850	78.97	4.26	7.73	849	140.66	3.73	8.56	848
18.51	3.90	6.00	850	80.2	4.52	7.68	849	141.9	2.30	8.56	848
19.74	2.25	5.96	850	81.44	4.11	7.61	849	143.13	3.06	8.48	848
20.98	2.54	5.96	850	82.67	1.79	7.63	849	144.37	1.48	8.33	848
22.21	2.84	5.86	850	83.91	3.50	7.51	849	145.6	2.43	8.19	848
23.44	3.85	5.82	850	85.14	3.10	7.50	849	146.83	3.91	8.09	848
24.68	1.32	5.74	851	86.37	3.28	7.69	849	148.07	2.81	8.04	848
25.91	2.47	5.70	851	87.61	4.04	7.64	849	149.3	2.52	8.10	848
27.15	3.15	5.70	851	88.84	2.26	7.59	849	150.54	2.27	8.11	848
28.38	3.85	5.74	851	90.07	4.64	7.58	849	151.77	3.45	8.27	848
29.61	3.67	5.78	850	91.31	3.25	7.55	849	153	1.02	8.42	848
30.85	2.24	5.82	850	92.54	3.36	7.44	849	154.24	1.75	8.50	848
32.08	3.06	6.07	850	93.78	2.80	7.73	849	155.47	3.93	8.59	848
33.32	2.49	6.21	850	95.01	2.05	8.02	848	156.71	2.13	8.59	848
34.55	2.95	6.34	850	96.24	3.67	8.22	848	157.94	2.03	8.74	848
35.78	3.17	6.51	850	97.48	3.62	8.37	848	159.17	2.91	8.67	848
37.02	1.25	6.56	850	98.71	2.22	8.60	848	160.41	2.22	8.73	848
38.25	1.58	6.71	850	99.95	2.56	8.81	847	161.64	3.65	8.78	847
39.48	2.10	6.71	850	101.18	2.78	8.99	847	162.87	2.28	8.74	848
40.72	4.14	6.77	849	102.41	2.95	9.18	847	164.11	2.33	8.63	848
41.95	1.84	6.85	849	103.65	1.87	9.32	847	165.34	3.36	8.74	848
43.19	1.60	6.99	849	104.88	4.08	9.43	847	166.58	4.47	8.88	847
44.42	2.83	7.10	849	106.12	2.29	9.62	847	167.81	3.19	8.88	847
45.65	3.19	7.03	849	107.35	1.51	9.81	846	169.04	3.28	8.71	848
46.89	3.45	7.10	849	108.58	4.17	9.87	846	170.28	2.16	8.55	848
48.12	2.95	7.03	849	109.82	3.20	9.88	846	171.51	3.85	8.67	848
49.36	3.72	7.11	849	111.05	3.42	9.86	846	172.75	3.71	8.74	848
50.59	3.69	7.14	849	112.28	4.70	9.42	847	173.98	3.23	8.56	848
51.82	3.10	7.10	849	113.52	3.62	9.23	847	175.21	3.63	8.63	848
53.06	3.34	7.07	849	114.75	5.33	8.77	848	176.45	3.39	8.73	848
54.29	4.40	6.99	849	115.99	5.57	8.51	848	177.68	3.36	9.36	847
55.53	2.51	7.17	849	117.22	3.89	8.48	848	178.92	2.40	9.33	847
56.76	4.47	7.21	849	118.45	3.08	7.92	848	180.15	2.78	9.25	847
57.99	1.98	7.13	849	119.69	2.26	7.75	849	181.38	2.59	9.29	847
59.23	3.22	7.32	849	120.92	3.38	7.97	848	182.62	2.96	9.14	847
60.46	3.79	7.32	849	122.16	2.79	7.83	848	183.85	3.12	8.96	847
61.69	1.17	7.42	849	123.39	2.27	7.91	848	185.08	3.90	8.63	848

Table 38. Distance from right bank, velocity, depth, and altitude data for Big Creek transect 15 (BC-5) (see figure 5 for location), Fulton County, Georgia, September 2004.—Continued

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
186.32	3.36	8.40	848	246.78	2.04	6.78	849	307.24	0.99	5.71	851
187.55	4.04	8.18	848	248.01	2.58	6.92	849	308.47	2.18	5.72	851
188.79	2.20	8.15	848	249.25	1.80	6.81	849	309.71	2.56	5.67	851
190.02	3.52	7.93	848	250.48	3.93	6.77	850	310.94	2.51	5.71	851
191.25	3.23	7.87	848	251.72	1.38	6.74	850	312.18	1.84	5.64	851
192.49	4.12	7.81	848	252.95	2.61	6.59	850	313.41	1.54	5.77	850
193.72	1.77	7.68	849	254.18	2.46	6.59	850	314.64	2.62	5.71	851
194.96	3.00	7.57	849	255.42	2.80	6.67	850	315.88	2.55	5.75	851
196.19	3.61	7.60	849	256.65	3.12	6.67	850	317.11	2.38	5.82	850
197.42	2.48	7.47	849	257.88	3.76	6.70	850	318.35	1.83	6.00	850
198.66	2.49	7.61	849	259.12	2.65	6.74	850	319.58	3.08	6.04	850
199.89	2.22	7.62	849	260.35	1.92	6.74	850	320.81	2.47	6.22	850
201.13	2.92	7.40	849	261.59	1.77	6.81	849	322.05	3.22	6.23	850
202.36	2.06	7.25	849	262.82	3.16	6.84	849	323.28	2.49	6.41	850
203.59	3.64	7.25	849	264.05	2.14	6.99	849	324.52	2.40	6.19	850
204.83	1.12	7.21	849	265.29	1.46	7.03	849	325.75	2.15	6.19	850
206.06	3.51	7.10	849	266.52	1.60	7.03	849	326.98	2.49	6.27	850
207.29	3.79	7.25	849	267.76	2.24	7.10	849	328.22	2.41	6.19	850
208.53	2.24	7.25	849	268.99	2.46	7.18	849	329.45	2.20	6.19	850
209.76	1.66	7.33	849	270.22	3.18	7.10	849	330.68	2.26	6.25	850
211	1.98	7.55	849	271.46	1.50	7.18	849	331.92	1.75	6.07	850
212.23	2.45	7.50	849	272.69	1.75	7.18	849	333.15	1.73	6.00	850
213.46	2.48	7.66	849	273.93	2.18	7.18	849	334.39	2.53	5.97	850
214.7	3.13	7.71	849	275.16	1.70	7.14	849	335.62	1.62	5.83	850
215.93	1.02	7.80	848	276.39	1.00	7.06	849	336.85	1.73	5.79	850
217.17	2.28	7.82	848	277.63	2.24	6.96	849	338.09	2.32	5.68	851
218.4	3.75	7.95	848	278.86	1.69	6.77	849	339.32	2.08	5.49	851
219.63	3.28	8.13	848	280.1	2.19	6.69	850	340.56	2.55	5.46	851
220.87	3.32	8.12	848	281.33	2.11	6.52	850	341.79	2.20	5.35	851
222.1	3.31	8.19	848	282.56	1.89	6.45	850	343.02	2.30	5.20	851
223.34	3.74	8.16	848	283.8	1.96	6.38	850	344.26	2.85	5.13	851
224.57	1.96	8.31	848	285.03	3.07	6.38	850	345.49	2.70	5.09	851
225.8	1.82	8.38	848	286.26	2.65	6.45	850	346.73	1.95	4.98	851
227.04	0.79	8.42	848	287.5	2.33	6.31	850	347.96	2.57	4.97	851
228.27	1.79	8.38	848	288.73	2.27	6.40	850	349.19	2.02	4.86	851
229.51	1.15	8.34	848	289.97	3.64	6.27	850	350.43	3.32	4.83	851
230.74	2.83	8.26	848	291.2	1.54	6.22	850	351.66	1.99	4.76	852
231.97	2.30	8.18	848	292.43	1.68	6.08	850	352.89	1.68	4.83	851
233.21	3.41	7.91	848	293.67	2.50	6.00	850	354.13	0.93	4.76	852
234.44	2.56	7.63	849	294.9	3.26	5.96	850	355.36	1.49	4.69	852
235.67	2.33	7.39	849	296.14	1.95	5.89	850	356.6	1.10	4.69	852
236.91	1.99	7.17	849	297.37	2.41	5.82	850	357.83	2.18	4.66	852
238.14	3.14	6.96	849	298.6	3.39	5.89	850	359.06	2.43	4.69	852
239.38	3.07	6.89	849	299.84	3.94	5.78	850	360.3	2.59	4.69	852
240.61	2.20	6.81	849	301.07	2.16	5.81	850	361.53	1.15	4.69	852
241.84	1.68	6.74	850	302.31	2.31	5.74	851	362.77	2.13	4.66	852
243.08	2.87	6.73	850	303.54	2.56	5.79	850	364	1.75	4.62	852
244.31	3.13	6.77	850	304.77	2.97	5.71	851				
245.55	2.81	6.81	849	306.01	1.47	5.70	851				

Table 39. Distance from left bank, velocity, depth, and altitude data for Big Creek transect 16 (BC-6) (see figure 5 for location), Fulton County, Georgia, September 2004.

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
1.33	2.38	6.90	845	57.33	2.43	10.03	842	113.33	1.79	8.19	843
2.67	1.27	6.90	845	58.67	2.89	10.04	842	114.67	1.90	8.16	844
4.00	0.97	7.18	845	60.0	1.89	10.13	842	116.00	2.30	8.16	844
5.33	0.85	7.21	844	61.33	3.22	10.22	841	117.33	2.45	8.12	844
6.67	1.89	7.26	844	62.67	2.23	10.07	842	118.67	2.65	8.26	843
8.00	0.27	7.40	844	64.0	1.83	10.07	842	120	3.30	8.23	843
9.33	0.93	7.43	844	65.33	2.50	9.97	842	121.33	3.43	8.16	844
10.67	0.74	7.47	844	66.67	2.23	9.94	842	122.67	2.99	8.13	844
12.0	0.93	7.55	844	68.0	3.67	9.96	842	124	3.60	8.12	844
13.33	0.55	7.56	844	69.33	3.80	9.71	842	125.33	2.54	8.15	844
14.67	1.75	7.56	844	70.67	2.67	9.71	842	126.67	1.97	8.04	844
16.0	1.09	7.64	844	72.0	3.16	9.70	842	128	3.26	8.08	844
17.33	2.37	7.85	844	73.33	2.45	9.67	842	129.33	4.45	8.19	843
18.67	2.88	7.99	844	74.67	1.34	9.59	842	130.67	3.55	8.12	844
20.0	1.30	7.89	844	76.0	2.47	9.56	842	132	3.49	8.33	843
21.33	1.78	7.96	844	77.33	1.75	9.56	842	133.33	2.52	8.42	843
22.67	1.80	8.11	844	78.67	2.02	9.46	842	134.67	4.63	8.46	843
24.0	1.74	8.18	844	80.0	3.26	9.42	842	136	2.46	8.44	843
25.33	2.44	8.18	844	81.33	3.18	9.42	842	137.33	2.72	8.45	843
26.67	2.23	8.34	843	82.67	2.74	9.34	842	138.67	3.08	8.27	843
28.0	2.49	8.45	843	84.0	2.96	9.23	842	140	2.93	8.23	843
29.33	1.99	8.56	843	85.33	3.30	9.15	843	141.33	3.14	8.17	844
30.67	3.04	8.61	843	86.67	2.72	9.12	843	142.67	2.07	8.01	844
32.0	3.02	8.71	843	88.0	2.25	9.05	843	144	3.01	8.04	844
33.33	2.08	8.68	843	89.33	2.82	9.12	843	145.33	2.03	7.94	844
34.67	1.69	8.79	843	90.67	3.08	8.75	843	146.67	3.81	7.91	844
36.0	1.27	9.02	843	92.0	1.79	8.71	843	148	3.17	7.90	844
37.33	2.11	9.09	843	93.33	2.56	8.65	843	149.33	3.25	7.97	844
38.67	2.98	9.21	842	94.67	3.57	8.68	843	150.67	2.97	7.97	844
40.0	3.16	9.21	842	96.0	2.99	8.78	843	152	4.19	8.08	844
41.33	2.39	9.25	842	97.33	2.79	8.72	843	153.33	3.61	8.12	844
42.67	2.63	9.28	842	98.67	1.72	8.64	843	154.67	2.38	8.16	844
44.0	1.39	9.34	842	100	2.76	8.67	843	156	3.01	8.24	843
45.33	2.38	9.46	842	101.33	2.79	8.60	843	157.33	3.23	8.23	843
46.67	2.11	9.49	842	102.67	2.49	8.56	843	158.67	3.12	8.27	843
48.0	1.66	9.56	842	104	1.80	8.39	843	160	4.13	8.42	843
49.33	1.90	9.67	842	105.33	3.36	8.34	843	161.33	3.61	8.30	843
50.67	3.19	9.79	842	106.67	2.25	8.27	843	162.67	3.76	8.45	843
52.0	2.95	9.89	842	108	2.71	8.31	843	164	3.05	8.45	843
53.33	2.67	9.92	842	109.33	1.80	8.31	843	165.33	2.69	8.38	843
54.67	2.97	10.0	842	110.67	4.46	8.35	843	166.67	1.95	8.49	843
56.0	2.06	10.07	842	112	2.90	8.27	843	168	2.93	8.51	843

Table 39. Distance from left bank, velocity, depth, and altitude data for Big Creek transect 16 (BC-6) (see figure 5 for location), Fulton County, Georgia, September 2004.—Continued

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
169.33	1.83	8.47	843	224	3.24	8.48	843	278.67	1.47	8.74	843
170.67	3.17	8.51	843	225.33	2.68	8.44	843	280	3.10	8.81	843
172	2.12	8.44	843	226.67	3.03	8.33	843	281.33	3.22	8.78	843
173.33	3.47	8.45	843	228	3.17	8.40	843	282.67	5.32	8.88	843
174.67	3.62	8.44	843	229.33	1.42	8.52	843	284	3.82	8.98	843
176	2.13	8.37	843	230.67	1.89	8.55	843	285.33	3.03	8.78	843
177.33	2.42	8.40	843	232	1.89	8.40	843	286.67	2.07	8.77	843
178.67	3.02	8.26	843	233.33	3.52	8.36	843	288	2.14	8.85	843
180	1.25	8.30	843	234.67	3.08	8.36	843	289.33	3.08	9.02	843
181.33	3.21	8.30	843	236	3.33	8.22	843	290.67	2.73	8.94	843
182.67	3.72	8.15	844	237.33	4.73	8.15	844	292	2.64	8.95	843
184	2.04	8.29	843	238.67	3.75	8.15	844	293.33	2.25	8.88	843
185.33	1.51	8.33	843	240	3.25	8.07	844	294.67	2.47	9.05	843
186.67	3.34	8.56	843	241.33	3.42	8.04	844	296	2.50	9.09	843
188	1.99	8.79	843	242.67	3.43	8.01	844	297.33	2.03	9.14	843
189.33	1.90	8.78	843	244	3.09	8.12	844	298.67	2.15	9.18	843
190.67	2.73	8.88	843	245.33	2.18	8.23	843	300	2.56	9.29	842
192	3.32	8.67	843	246.67	4.83	8.35	843	301.33	2.09	9.31	842
193.33	3.50	8.74	843	248	1.86	8.35	843	302.67	2.87	9.50	842
194.67	2.94	8.67	843	249.33	3.44	8.40	843	304	3.99	9.43	842
196	1.09	8.64	843	250.67	3.34	8.43	843	305.33	2.90	9.77	842
197.33	2.28	8.55	843	252	2.62	8.27	843	306.67	1.69	9.83	842
198.67	3.05	8.55	843	253.33	2.76	8.32	843	308	4.40	9.90	842
200	2.97	8.70	843	254.67	3.49	8.29	843	309.33	1.81	10.12	842
201.33	2.07	8.81	843	256	2.15	8.33	843	310.67	2.70	9.79	842
202.67	1.71	8.85	843	257.33	2.67	8.33	843	312	1.73	10.22	841
204	3.62	8.78	843	258.67	3.29	8.36	843	313.33	5.20	9.91	842
205.33	3.56	8.81	843	260	2.53	8.40	843	314.67	2.75	9.76	842
206.67	3.42	8.67	843	261.33	2.44	8.33	843	316	1.46	9.47	842
208	3.69	8.66	843	262.67	2.57	8.24	843	317.33	3.91	8.89	843
209.33	2.24	8.59	843	264	3.81	8.31	843	318.67	1.87	8.63	843
210.67	3.51	8.51	843	265.33	3.46	8.31	843	320	1.13	8.47	843
212	3.04	8.55	843	266.67	3.26	8.31	843	321.33	1.72	8.41	843
213.33	1.59	8.45	843	268	2.17	8.34	843	322.67	2.26	8.74	843
214.67	2.79	8.51	843	269.33	1.66	8.53	843	324	1.30	8.78	843
216	3.03	8.37	843	270.67	1.50	8.55	843	325.33	0.43	8.78	843
217.33	2.31	8.59	843	272	2.09	8.52	843	326.67	0.33	8.50	843
218.67	2.16	8.58	843	273.33	1.94	8.52	843	328	0.83	8.52	843
220	2.85	8.51	843	274.67	3.73	8.59	843	329.33	1.84	8.70	843
221.33	1.72	8.51	843	276	2.27	8.63	843	330.67	2.41	8.67	843
222.67	2.87	8.40	843	277.33	3.13	8.67	843	332	1.59	8.55	843

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Table 40. Distance from right bank, velocity, depth, and altitude data for Big Creek transect 17 (BC-6) (see figure 5 for location), Fulton County, Georgia, September 2004.

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
1.61	1.25	7.28	844	57.88	2.22	6.57	845	114.14	1.54	8.96	843
3.22	2.45	7.28	844	59.48	2.17	6.60	845	115.75	3.33	9.13	843
4.82	1.90	7.25	844	61.09	1.66	6.59	845	117.36	2.84	9.18	843
6.43	2.27	7.18	845	62.7	1.51	6.69	845	118.97	3.22	9.32	842
8.04	2.47	7.18	845	64.31	3.24	7.10	845	120.57	2.53	9.29	842
9.65	1.43	7.18	845	65.91	1.70	7.32	844	122.18	3.73	9.13	843
11.25	2.63	7.18	845	67.52	2.06	7.46	844	123.79	3.05	9.09	843
12.86	2.65	7.10	845	69.13	2.23	7.61	844	125.4	1.37	9.12	843
14.47	1.73	7.14	845	70.74	2.10	7.85	844	127	2.55	9.06	843
16.08	1.22	7.06	845	72.34	1.49	8.13	844	128.61	3.03	8.84	843
17.68	1.89	6.99	845	73.95	1.54	8.12	844	130.22	3.24	8.70	843
19.29	2.26	6.95	845	75.56	0.95	8.27	843	131.83	2.51	8.37	843
20.9	1.14	6.81	845	77.17	0.65	8.45	843	133.44	3.08	8.58	843
22.51	1.05	6.81	845	78.78	3.29	8.92	843	135.04	3.98	8.56	843
24.11	1.39	6.70	845	80.38	1.08	8.96	843	136.65	3.56	8.92	843
25.72	1.27	6.55	845	81.99	1.21	8.94	843	138.26	3.17	9.04	843
27.33	1.14	6.44	845	83.6	2.00	9.17	843	139.87	1.57	9.11	843
28.94	1.61	6.33	845	85.21	2.90	9.77	842	141.47	1.57	8.95	843
30.55	1.70	6.17	846	86.81	2.73	9.73	842	143.08	2.39	8.95	843
32.15	2.57	6.10	846	88.42	3.22	9.92	842	144.69	3.23	8.88	843
33.76	1.33	5.89	846	90.03	3.25	9.95	842	146.3	1.62	8.70	843
35.37	2.56	5.89	846	91.64	2.82	10.01	842	147.9	2.53	8.81	843
36.98	0.97	5.89	846	93.24	1.91	9.90	842	149.51	2.50	8.66	843
38.58	1.64	5.89	846	94.85	2.97	9.99	842	151.12	4.23	8.67	843
40.19	2.29	5.92	846	96.46	3.17	10.05	842	152.73	1.52	8.56	843
41.8	1.97	5.92	846	98.07	2.89	9.77	842	154.33	2.73	8.53	843
43.41	2.65	6.00	846	99.67	2.58	9.84	842	155.94	3.60	8.44	843
45.01	2.38	5.88	846	101.28	2.51	9.80	842	157.55	3.06	8.48	843
46.62	1.49	6.15	846	102.89	2.94	9.76	842	159.16	4.21	8.38	843
48.23	1.90	6.22	845	104.5	2.87	9.54	842	160.77	3.89	8.19	844
49.84	1.72	6.30	845	106.11	2.78	9.43	842	162.37	1.67	8.15	844
51.45	2.06	6.30	845	107.71	3.57	9.28	842	163.98	3.94	8.26	843
53.05	1.56	6.40	845	109.32	3.24	9.10	843	165.59	3.14	8.26	843
54.66	1.85	6.38	845	110.93	1.36	9.10	843	167.2	3.09	8.48	843
56.27	0.94	6.56	845	112.54	3.84	9.03	843	168.8	0.74	8.48	843

Table 40. Distance from right bank, velocity, depth, and altitude data for Big Creek transect 17 (BC-6) (see figure 5 for location), Fulton County, Georgia, September 2004.—Continued

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
170.41	1.77	8.47	843	226.68	2.91	7.95	844	282.95	3.97	9.07	843
172.02	1.67	8.45	843	228.29	3.93	8.16	844	284.56	2.90	9.15	843
173.63	2.38	8.49	843	229.89	2.52	8.09	844	286.16	2.56	9.25	842
175.23	1.97	8.52	843	231.5	2.61	8.08	844	287.77	1.90	9.36	842
176.84	2.36	8.61	843	233.11	4.29	8.11	844	289.38	2.33	9.41	842
178.45	2.34	8.59	843	234.72	4.22	8.20	843	290.99	2.13	9.66	842
180.06	1.57	8.71	843	236.33	2.80	8.27	843	292.59	1.76	9.63	842
181.67	2.11	8.49	843	237.93	2.48	8.38	843	294.2	1.19	9.77	842
183.27	2.49	8.48	843	239.54	2.46	8.41	843	295.81	2.85	9.88	842
184.88	3.08	8.33	843	241.15	3.21	8.33	843	297.42	2.50	9.85	842
186.49	2.93	8.26	843	242.76	2.85	8.23	843	299.02	2.32	9.84	842
188.1	1.42	8.16	844	244.36	2.81	8.19	844	300.63	2.98	9.84	842
189.7	4.87	8.20	843	245.97	3.35	8.08	844	302.24	1.81	9.84	842
191.31	1.71	8.34	843	247.58	2.82	8.05	844	303.85	2.44	9.88	842
192.92	3.31	8.41	843	249.19	3.50	8.04	844	305.45	1.61	9.84	842
194.53	3.11	8.49	843	250.79	3.59	7.98	844	307.06	2.41	9.76	842
196.13	2.95	8.55	843	252.4	2.91	8.20	843	308.67	2.39	9.77	842
197.74	2.42	8.52	843	254.01	4.51	8.31	843	310.28	1.70	9.76	842
199.35	2.63	8.45	843	255.62	2.63	8.31	843	311.89	1.28	9.72	842
200.96	3.75	8.44	843	257.22	2.00	8.41	843	313.49	2.88	9.65	842
202.56	2.30	8.33	843	258.83	2.94	8.41	843	315.1	1.65	9.54	842
204.17	1.43	8.30	843	260.44	2.01	8.46	843	316.71	1.95	9.44	842
205.78	3.69	8.09	844	262.05	2.88	8.46	843	318.32	2.73	9.41	842
207.39	2.06	8.12	844	263.66	3.33	8.56	843	319.92	1.67	9.29	842
209.0	2.13	8.19	843	265.26	1.84	8.70	843	321.53	2.53	9.30	842
210.6	3.54	8.51	843	266.87	3.22	8.85	843	323.14	0.86	9.34	842
212.21	3.35	8.52	843	268.48	2.96	8.69	843	324.75	2.16	9.11	843
213.82	2.74	8.64	843	270.09	3.21	8.81	843	326.35	1.93	9.08	843
215.43	2.85	8.80	843	271.69	2.69	8.75	843	327.96	2.07	9.08	843
217.03	3.01	8.42	843	273.3	2.20	8.92	843	329.57	2.45	8.94	843
218.64	4.18	8.38	843	274.91	3.34	9.04	843	331.18	1.62	8.92	843
220.25	2.83	8.20	843	276.52	2.25	9.10	843	332.78	2.75	8.92	843
221.86	3.67	8.19	844	278.12	3.24	8.95	843	334.39	2.67	8.89	843
223.46	3.57	7.98	844	279.73	3.07	8.96	843	336	2.64	8.78	843
225.07	4.24	7.97	844	281.34	2.78	9.00	843				

Table 41. Distance from right bank, velocity, depth, and altitude data for Bull Sluice Lake transect 2 (BSL-1) (see figure 6 for location), Cobb and Fulton Counties, Georgia, September 2004.

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
3.02	2.71	10.53	839	117.67	3.39	19.59	830	232.33	2.05	16.19	834
6.03	3.39	10.53	839	120.69	1.00	19.54	830	235.34	3.58	15.85	834
9.05	3.21	10.5	839	123.71	1.18	19.49	830	238.36	2.68	15.71	834
12.07	0.78	10.97	839	126.72	2.22	19.41	830	241.38	2.74	15.66	834
15.09	0.82	10.96	839	129.74	3.30	19.38	830	244.4	2.25	15.71	834
18.1	1.63	11.01	839	132.76	2.03	19.19	831	247.41	2.62	15.52	834
21.12	2.60	11.05	839	135.78	2.44	19.13	831	250.43	2.46	15.48	834
24.14	3.10	11.12	839	138.79	1.23	19.04	831	253.45	2.51	15.45	834
27.16	1.72	11.25	838	141.81	2.15	18.91	831	256.47	2.45	15.3	834
30.17	2.24	11.28	838	144.83	1.22	18.96	831	259.48	3.43	15.19	835
33.19	3.13	11.38	838	147.84	2.16	18.93	831	262.5	2.81	15.05	835
36.21	2.14	11.54	838	150.86	2.48	18.9	831	265.52	1.71	14.97	835
39.22	1.95	11.73	838	153.88	2.01	18.74	831	268.53	2.20	14.75	835
42.24	1.63	11.85	838	156.9	2.61	18.56	831	271.55	2.01	14.69	835
45.26	3.69	12.06	838	159.91	4.17	18.49	831	274.57	3.24	14.57	835
48.28	3.00	12.43	837	162.93	1.66	18.39	831	277.59	3.14	14.46	835
51.29	1.43	12.86	837	165.95	2.91	18.2	832	280.6	1.96	14.26	835
54.31	2.08	13.12	837	168.97	2.69	18.07	832	283.62	2.89	14.1	836
57.33	0.66	13.34	836	171.98	2.80	18.05	832	286.64	2.10	13.88	836
60.34	1.86	13.66	836	175	2.33	18.05	832	289.66	2.38	13.77	836
63.36	2.48	14.13	836	178.02	2.94	17.96	832	292.67	2.66	13.63	836
66.38	1.93	14.69	835	181.03	2.58	17.92	832	295.69	1.58	13.43	836
69.4	2.81	15.05	835	184.05	2.43	17.77	832	298.71	2.36	13.27	836
72.41	3.17	15.45	834	187.07	2.48	17.68	832	301.72	2.24	13.11	837
75.43	2.60	15.9	834	190.09	1.70	17.54	832	304.74	1.68	12.82	837
78.45	1.71	16.24	833	193.1	2.68	17.55	832	307.76	1.82	12.6	837
81.47	2.70	16.89	833	196.12	2.03	17.47	832	310.78	2.11	12.43	837
84.48	2.58	17.43	832	199.14	2.49	17.39	832	313.79	2.45	12.28	837
87.5	3.06	17.92	832	202.16	1.89	17.25	832	316.81	2.46	12.05	838
90.52	2.93	17.96	832	205.17	2.55	17.3	832	319.83	2.88	11.75	838
93.53	3.03	18.2	832	208.19	2.24	17.13	833	322.84	3.27	11.56	838
96.55	2.73	18.32	831	211.21	2.60	16.97	833	325.86	2.31	11.38	838
99.57	3.46	18.6	831	214.22	2.24	16.75	833	328.88	1.35	11.19	839
102.59	3.57	18.68	831	217.24	2.19	16.85	833	331.9	2.15	10.9	839
105.6	2.44	19.04	831	220.26	3.91	16.65	833	334.91	2.47	10.87	839
108.62	2.81	19.58	830	223.28	3.25	16.5	833	337.93	2.53	10.69	839
111.64	3.57	19.68	830	226.29	3.01	16.43	833	340.95	2.16	10.5	839
114.66	3.93	19.78	830	229.31	2.49	16.4	833	343.97	1.76	10.39	839

Table 41. Distance from right bank, velocity, depth, and altitude data for Bull Sluice Lake transect 2 (BSL-1) (see figure 6 for location), Cobb and Fulton Counties, Georgia, September 2004.—Continued

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
346.98	3.00	10.17	840	407.33	2.36	6.64	843	467.67	1.19	4.26	845
350	3.04	9.99	840	410.34	2.41	6.43	843	470.69	0.88	4.15	846
353.02	1.84	9.74	840	413.36	1.94	6.24	843	473.71	1.51	4.11	846
356.03	2.14	9.60	840	416.38	1.65	6.02	844	476.72	2.60	4.07	846
359.05	2.12	9.41	840	419.4	1.15	5.90	844	479.74	0.81	4.11	846
362.07	1.30	9.23	840	422.41	2.87	5.65	844	482.76	1.64	4.14	846
365.09	2.67	9.09	841	425.43	2.29	5.35	844	485.78	0.99	4.26	845
368.1	2.70	8.90	841	428.45	2.04	5.13	845	488.79	1.01	4.19	846
371.12	1.43	8.72	841	431.47	2.84	4.41	845	491.81	1.38	4.11	846
374.14	1.60	8.58	841	434.48	2.72	3.94	846	494.83	2.07	4.11	846
377.16	1.50	8.40	841	437.5	1.72	3.98	846	497.84	1.25	4.18	846
380.17	1.67	8.21	842	440.52	1.70	3.98	846	500.86	1.07	4.22	846
383.19	1.68	7.99	842	443.53	2.58	3.98	846	503.88	1.67	4.00	846
386.21	1.84	7.81	842	446.55	2.23	3.98	846	506.9	2.01	3.98	846
389.22	3.23	7.66	842	449.57	2.15	4.18	846	509.91	2.21	4.01	846
392.24	0.60	7.48	842	452.59	1.37	4.26	845	512.93	1.03	3.98	846
395.26	1.71	7.38	842	455.6	2.11	4.15	846	515.95	1.53	3.98	846
398.28	2.23	7.19	843	458.62	1.37	4.18	846	518.97	0.95	3.98	846
401.29	2.20	7.08	843	461.64	1.14	4.26	845	521.98	1.10	4.01	846
404.31	1.46	6.86	843	464.66	1.87	4.33	845	525	2.32	3.94	846

Table 42. Distance from right bank, velocity, depth, and altitude data for Bull Sluice Lake transect 3 (BSL-1) (see figure 6 for location), Cobb and Fulton Counties, Georgia, September 2004.

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
573.20	2.26	4.04	846	379.61	2.83	9.53	840	186.01	3.40	17.76	832
569.41	1.28	4.11	846	375.81	2.14	9.75	840	182.21	2.37	17.9	832
565.61	1.30	4.14	846	372.01	2.38	9.90	840	178.41	2.46	18.08	832
561.82	1.42	4.18	846	368.22	2.04	10.17	840	174.62	2.62	18.05	832
558.02	1.87	4.07	846	364.42	1.84	10.25	839	170.82	4.07	18.22	832
554.22	1.60	4.03	846	360.63	1.86	10.42	839	167.03	3.05	18.39	831
550.43	2.11	3.98	846	356.83	2.41	10.54	839	163.23	2.08	18.44	831
546.63	1.22	4.11	846	353.03	2.20	10.76	839	159.43	2.19	18.47	831
542.84	1.48	4.18	846	349.24	2.54	10.91	839	155.64	2.74	18.61	831
539.04	1.75	4.36	845	345.44	2.81	11.09	839	151.84	2.59	18.64	831
535.24	0.70	4.29	845	341.64	2.45	11.13	839	148.05	3.18	18.55	831
531.45	1.79	4.26	845	337.85	2.45	11.25	838	144.25	3.00	18.67	831
527.65	1.61	4.26	845	334.05	1.53	11.35	838	140.45	1.74	18.78	831
523.86	0.91	4.18	846	330.26	1.68	11.43	838	136.66	1.93	18.88	831
520.06	1.11	4.03	846	326.46	2.39	11.56	838	132.86	1.28	19.14	831
516.26	0.67	4.01	846	322.66	3.11	11.71	838	129.07	2.53	19.28	830
512.47	1.58	4.11	846	318.87	1.74	11.93	838	125.27	2.43	19.33	830
508.67	0.80	4.29	845	315.07	2.30	12.07	838	121.47	2.85	19.47	830
504.88	2.29	4.19	846	311.28	1.97	12.25	837	117.68	2.01	19.48	830
501.08	1.72	4.22	846	307.48	2.88	12.4	837	113.88	1.87	19.5	830
497.28	1.23	4.15	846	303.68	1.09	12.77	837	110.09	1.81	19.4	830
493.49	0.88	4.18	846	299.89	1.18	12.91	837	106.29	3.01	19.29	830
489.69	0.84	4.07	846	296.09	3.48	13.05	837	102.49	2.23	19.1	831
485.89	2.00	4.15	846	292.3	3.05	13.26	836	98.7	1.68	18.91	831
482.1	2.59	4.18	846	288.5	2.11	13.45	836	94.9	1.66	18.8	831
478.3	1.03	4.11	846	284.7	2.20	13.68	836	91.11	2.26	18.41	831
474.51	1.16	4.07	846	280.91	1.32	13.82	836	87.31	3.22	18.36	831
470.71	0.92	4.11	846	277.11	2.41	14.01	836	83.51	3.70	18.31	831
466.91	1.16	4.11	846	273.32	2.17	14.18	836	79.72	3.27	17.98	832
463.12	1.14	4.15	846	269.52	2.53	14.44	835	75.92	2.09	17.84	832
459.32	1.45	4.07	846	265.72	2.94	14.58	835	72.12	3.32	17.55	832
455.53	2.20	4.07	846	261.93	2.52	14.65	835	68.33	2.34	17.17	833
451.73	2.13	4.04	846	258.13	3.40	14.83	835	64.53	1.75	16.88	833
447.93	1.41	4.16	846	254.34	2.36	15.08	835	60.74	2.88	16.37	833
444.14	1.35	3.96	846	250.54	3.54	15.2	835	56.94	2.25	16.33	833
440.34	1.24	3.94	846	246.74	2.87	15.45	834	53.14	2.17	15.9	834
436.55	2.62	4.01	846	242.95	2.90	15.64	834	49.35	3.18	15.46	834
432.75	2.24	4.14	846	239.15	2.25	15.74	834	45.55	1.44	15.27	834
428.95	1.26	5.65	844	235.36	1.82	15.86	834	41.76	1.67	14.84	835
425.16	2.61	5.95	844	231.56	2.27	16.06	834	37.96	2.64	14.5	835
421.36	1.96	6.20	844	227.76	2.14	16.1	834	34.16	3.12	14.24	835
417.57	2.01	6.41	843	223.97	1.86	16.24	833	30.37	1.00	14.13	836
413.77	2.45	6.60	843	220.17	2.07	16.46	833	26.57	1.64	13.88	836
409.97	1.40	6.93	843	216.37	1.97	16.62	833	22.78	1.61	13.73	836
406.18	1.71	7.26	842	212.58	1.98	16.71	833	18.98	1.64	13.43	836
402.38	2.63	7.56	842	208.78	3.28	16.94	833	15.18	2.39	13.24	836
398.59	1.32	7.75	842	204.99	2.94	16.92	833	11.39	2.79	13.03	837
394.79	2.77	8.07	842	201.19	3.49	17.07	833	7.59	2.92	12.77	837
390.99	1.82	8.36	841	197.39	3.04	17.38	832	3.80	2.23	12.32	837
387.2	1.39	8.58	841	193.6	2.31	17.55	832	0	1.57	11.94	838
383.4	3.07	9.12	841	189.8	2.66	17.59	832				

Table 43. Distance from right bank ,velocity, depth, and altitude data for Bull Sluice Lake transect 6 (BSL-2) (see figure 6 for location), Cobb and Fulton Counties, Georgia, September 2004.

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988; —, data not available]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
198.91	2.82	15.20	834	131.91	3.20	40.47	809	64.91	1.53	31.95	817
196.81	2.22	16.42	833	129.81	2.52	40.12	809	62.81	1.65	31.56	817
194.72	2.03	16.57	832	127.72	2.75	39.9	809	60.72	0.70	31.03	818
192.63	2.46	16.9	832	125.63	1.80	38.97	810	58.63	1.49	30.42	819
190.53	3.27	16.58	832	123.53	2.83	38.75	810	56.53	1.02	28.49	820
188.44	1.68	16.59	832	121.44	2.46	38.13	811	54.44	2.07	27.42	822
186.34	3.10	15.74	833	119.34	1.89	38.0	811	52.34	1.66	26.02	823
184.25	1.67	15.19	834	117.25	1.53	37.28	812	50.25	0.58	24.51	824
182.16	2.18	15.06	834	115.16	2.35	36.72	812	48.16	2.28	23.31	826
180.06	2.15	15.14	834	113.06	2.06	36.29	813	46.06	1.22	21.85	827
177.97	4.55	16.52	832	110.97	1.94	35.86	813	43.97	0.64	20.64	828
175.88	2.95	16.99	832	108.88	1.86	35.4	814	41.88	0.41	19.26	830
173.78	2.76	17.1	832	106.78	1.17	34.52	814	39.78	0.88	17.25	832
171.69	0.63	19.63	829	104.69	2.46	34.46	815	37.69	0.59	13.12	836
169.59	—	23.26	826	102.59	0.98	34.22	815	35.59	0.81	11.24	838
167.5	—	24.74	824	100.5	0.97	33.99	815	33.5	1.24	10.78	838
165.41	1.34	28.09	821	98.41	1.12	33.8	815	31.41	1.59	10.29	839
163.31	1.69	31.07	818	96.31	2.13	33.74	815	29.31	2.28	10.16	839
161.22	1.69	32.94	816	94.22	2.36	33.75	815	27.22	0.44	9.72	839
159.13	2.22	33.78	815	92.13	1.87	33.44	816	25.13	2.16	8.40	841
157.03	3.14	37.4	812	90.03	1.99	33.47	816	23.03	0.01	7.95	841
154.94	2.73	38.87	810	87.94	2.28	33.31	816	20.94	0.89	7.17	842
152.84	2.97	39.38	810	85.84	1.86	32.99	816	18.84	0.84	6.17	843
150.75	3.06	39.96	809	83.75	1.58	32.62	816	16.75	1.31	5.70	843
148.66	2.28	40.69	808	81.66	1.19	32.48	816	14.66	1.58	5.02	844
146.56	1.61	40.62	808	79.56	2.32	32.34	817	12.56	0.82	4.50	844
144.47	4.06	41.39	808	77.47	2.17	32.18	817	10.47	0.51	4.49	844
142.38	3.17	41.52	807	75.38	2.57	32.27	817	8.38	0.85	4.03	845
140.28	3.08	41.77	807	73.28	3.50	32.28	817	6.28	0.35	4.01	845
138.19	3.82	41.4	808	71.19	1.90	32.43	817	4.19	0.79	4.56	844
136.09	4.22	41.09	808	69.09	0.64	32.34	817	2.09	0.35	4.98	844
134	1.69	40.68	808	67.0	1.10	32.27	817	0	0.31	5.61	843

Table 44. Distance from right bank, velocity, depth, and altitude data for Bull Sluice Lake transect 7 (BSL-2) (see figure 6 for location), Cobb and Fulton Counties, Georgia, September 2004.

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988; —, data not available]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
2.86	1.10	6.59	842	80.20	1.21	4.77	844	157.53	2.66	32.25	817
5.73	0.18	6.30	843	83.06	2.01	4.85	844	160.4	2.16	33.13	816
8.59	1.18	6.11	843	85.93	0.19	4.52	844	163.26	2.76	34.52	814
11.46	2.19	5.94	843	88.79	1.27	4.95	844	166.12	2.45	37.4	812
14.32	0.81	5.72	843	91.65	2.18	5.21	844	168.99	2.41	38.48	811
17.19	1.67	5.54	843	94.52	1.22	5.38	844	171.85	1.15	39.74	809
20.05	0.67	5.51	843	97.38	1.78	5.71	843	174.72	1.91	40.28	809
22.91	1.25	5.36	844	100.25	1.90	6.01	843	177.58	2.10	40.7	808
25.78	1.50	5.37	844	103.11	0.77	6.58	842	180.44	2.37	40.64	808
28.64	0.60	5.20	844	105.98	0.90	7.58	841	183.31	1.94	40.05	809
31.51	0.43	5.18	844	108.84	1.21	8.72	840	186.17	3.17	39.52	809
34.37	0.35	5.27	844	111.7	0.55	11.6	837	189.04	2.71	39.71	809
37.23	1.61	5.05	844	114.57	1.20	15.16	834	191.9	1.97	39.15	810
40.1	0.43	5.08	844	117.43	0.59	16.92	832	194.77	1.49	38.61	810
42.96	1.19	5.08	844	120.3	0.76	18.98	830	197.63	3.11	38.02	811
45.83	0.76	5.05	844	123.16	0.55	20.81	828	200.49	2.32	37.25	812
48.69	1.61	5.06	844	126.02	0.34	22.04	827	203.36	1.72	35.59	813
51.56	1.63	5.09	844	128.89	0.76	23.17	826	206.22	2.12	35.41	814
54.42	0.54	5.09	844	131.75	0.69	23.45	826	209.09	2.85	35.36	814
57.28	0.64	5.16	844	134.62	1.32	23.92	825	211.95	2.16	34.71	814
60.15	1.38	5.05	844	137.48	—	24.1	825	214.81	3.94	34.25	815
63.01	1.23	4.98	844	140.35	2.10	25.11	824	217.68	1.70	33.96	815
65.88	1.01	4.91	844	143.21	2.08	25.81	823	220.54	2.13	33.56	815
68.74	0.95	4.81	844	146.07	1.75	26.8	822	223.41	0.65	33.3	816
71.6	0.82	4.77	844	148.94	2.97	28.23	821	226.27	0.50	32.45	817
74.47	0.99	4.70	844	151.8	2.93	29.36	820	229.14	1.41	31.53	817
77.33	1.85	4.78	844	154.67	2.41	30.89	818	232	0.56	31.64	817

Table 45. Distance from right bank, velocity, depth, and altitude data for Bull Sluice Lake transect 8 (BSL-3) (see figure 6 for location), Cobb and Fulton Counties, Georgia, September 2004.

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
3.28	1.63	5.31	844	177.28	2.15	5.84	844	351.28	1.84	10.25	839
6.57	1.22	4.92	845	180.57	1.27	5.80	844	354.57	2.96	10.49	839
9.85	0.92	4.90	845	183.85	2.66	5.84	844	357.85	1.67	10.56	839
13.13	0.61	4.73	845	187.13	1.36	5.87	844	361.13	2.82	10.75	839
16.42	0.35	5.01	845	190.42	0.80	5.99	844	364.42	3.42	10.82	839
19.7	1.40	5.40	844	193.7	1.77	6.02	844	367.7	2.60	11.08	839
22.98	0.89	5.20	845	196.98	2.80	5.87	844	370.98	1.84	11.23	839
26.26	1.84	5.11	845	200.26	2.10	5.88	844	374.26	2.61	11.31	838
29.55	1.56	6.73	843	203.55	2.25	5.76	844	377.55	2.64	11.3	838
32.83	1.57	7.32	842	206.83	2.80	5.65	844	380.83	2.70	11.52	838
36.11	1.08	7.86	842	210.11	2.19	5.69	844	384.11	2.13	11.52	838
39.4	0.61	8.22	842	213.4	2.50	5.61	844	387.40	1.82	11.59	838
42.68	1.93	8.56	841	216.68	2.30	5.57	844	390.68	2.42	11.74	838
45.96	1.33	8.34	841	219.96	2.30	5.55	844	393.96	2.05	11.74	838
49.25	0.30	6.81	843	223.25	2.87	5.54	844	397.25	1.92	11.92	838
52.53	0.84	5.00	845	226.53	2.65	5.68	844	400.53	3.28	11.92	838
55.81	0.86	5.07	845	229.81	3.26	5.80	844	403.81	1.07	12.07	838
59.09	1.65	6.27	843	233.09	3.04	5.68	844	407.09	3.18	12.15	838
62.38	1.27	5.68	844	236.38	2.12	5.76	844	410.38	1.99	12.26	837
65.66	2.66	5.36	844	239.66	3.08	5.65	844	413.66	1.23	12.29	837
68.94	1.43	5.31	844	242.94	2.66	5.65	844	416.94	2.38	12.49	837
72.23	1.39	5.34	844	246.23	3.85	5.62	844	420.23	3.01	12.61	837
75.51	2.71	5.80	844	249.51	2.69	5.55	844	423.51	2.55	12.57	837
78.79	1.67	5.80	844	252.79	3.06	5.62	844	426.79	1.99	12.64	837
82.08	3.03	5.65	844	256.08	2.91	5.62	844	430.08	2.23	12.63	837
85.36	2.42	5.68	844	259.36	2.72	5.62	844	433.36	3.05	12.64	837
88.64	1.56	5.76	844	262.64	1.92	5.65	844	436.64	1.59	12.68	837
91.92	2.71	5.73	844	265.92	2.13	5.71	844	439.92	3.12	12.6	837
95.21	2.08	5.72	844	269.21	2.18	5.65	844	443.21	1.37	12.72	837
98.49	1.97	5.84	844	272.49	1.96	5.71	844	446.49	2.57	12.64	837
101.77	2.32	5.91	844	275.77	1.86	5.80	844	449.77	2.77	12.79	837
105.06	2.35	5.80	844	279.06	0.20	5.80	844	453.06	2.23	12.7	837
108.34	1.58	5.65	844	282.34	2.38	5.98	844	456.34	2.74	12.64	837
111.62	2.41	5.68	844	285.62	2.89	6.01	844	459.62	2.99	12.69	837
114.91	1.42	5.57	844	288.91	2.10	5.95	844	462.91	2.65	12.76	837
118.19	1.60	5.56	844	292.19	1.41	5.84	844	466.19	2.03	12.83	837
121.47	2.16	5.54	844	295.47	2.58	5.84	844	469.47	2.52	12.72	837
124.75	2.61	5.47	844	298.75	2.03	5.87	844	472.75	3.33	12.75	837
128.04	2.62	5.27	844	302.04	1.19	5.91	844	476.04	2.26	12.76	837
131.32	1.92	5.21	845	305.32	1.58	6.12	844	479.32	2.61	12.68	837
134.6	1.89	5.24	844	308.6	2.54	6.41	843	482.6	3.07	12.53	837
137.89	2.23	5.28	844	311.89	2.04	6.68	843	485.89	2.45	12.46	837
141.17	1.00	5.20	845	315.17	0.65	7.17	843	489.17	2.74	12.49	837
144.45	1.79	5.23	844	318.45	3.62	7.61	842	492.45	1.68	12.39	837
147.74	1.38	5.37	844	321.74	1.39	8.04	842	495.74	1.31	12.41	837
151.02	1.87	5.35	844	325.02	1.12	8.35	841	499.02	1.58	12.53	837
154.3	1.81	5.31	844	328.3	2.72	8.64	841	502.3	1.85	12.59	837
157.58	2.55	5.42	844	331.58	1.43	8.75	841	505.59	2.05	12.35	837
160.87	2.86	5.57	844	334.87	2.32	9.08	841	508.87	2.61	12.46	837
164.15	1.64	5.62	844	338.15	3.02	9.26	840	512.15	2.19	12.46	837
167.43	1.97	5.76	844	341.43	2.26	9.56	840	515.43	2.14	12.43	837
170.72	1.73	5.68	844	344.72	1.75	10.02	840	518.72	1.35	12.46	837
174	2.94	5.72	844	348	1.96	10.08	840	522	2.23	12.35	837

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Table 46. Distance from right bank, velocity, depth, and altitude data for Bull Sluice Lake transect 9 (BSL-3) (see figure 6 for location), Cobb and Fulton Counties, Georgia, September 2004.

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
494.93	2.04	11.81	838	371.96	3.27	12.62	837	249.00	2.00	5.75	844
491.85	1.50	11.82	838	368.89	2.69	12.52	837	245.93	2.45	5.50	844
488.78	2.05	11.86	838	365.81	1.80	12.56	837	242.85	2.82	5.42	844
485.7	1.46	11.37	838	362.74	2.45	12.33	837	239.78	2.01	5.36	844
482.63	2.87	11.82	838	359.67	2.53	12.4	837	236.7	1.62	5.54	844
479.56	1.98	11.89	838	356.59	2.15	12.15	838	233.63	2.48	5.58	844
476.48	1.98	11.93	838	353.52	1.58	11.92	838	230.56	2.19	5.75	844
473.41	2.64	12.06	838	350.44	2.20	11.84	838	227.48	1.87	5.80	844
470.33	2.29	12.04	838	347.37	2.65	11.66	838	224.41	2.13	5.80	844
467.26	2.70	12.10	838	344.3	2.76	11.65	838	221.33	3.09	5.68	844
464.19	2.21	12.03	838	341.22	3.29	11.56	838	218.26	1.82	5.76	844
461.11	2.91	11.99	838	338.15	1.79	11.4	838	215.19	1.40	5.84	844
458.04	1.93	11.89	838	335.07	2.56	11.19	839	212.11	1.61	5.80	844
454.96	2.36	12.03	838	332	2.31	11.03	839	209.04	1.37	5.57	844
451.89	2.94	12.18	838	328.93	2.23	10.86	839	205.96	1.01	5.50	844
448.81	2.43	12.18	838	325.85	2.20	10.71	839	202.89	2.23	5.50	844
445.74	1.98	12.21	838	322.78	1.32	10.53	839	199.81	1.90	5.42	844
442.67	1.99	12.37	837	319.7	2.12	10.39	839	196.74	2.55	5.54	844
439.59	2.56	12.67	837	316.63	2.61	10.19	840	193.67	1.83	5.69	844
436.52	2.01	12.7	837	313.56	1.11	9.94	840	190.59	2.22	5.57	844
433.44	2.01	12.49	837	310.48	1.45	9.68	840	187.52	1.53	5.61	844
430.37	1.96	12.56	837	307.41	2.73	9.58	840	184.44	1.74	5.43	844
427.3	1.32	12.56	837	304.33	2.16	9.25	840	181.37	1.61	5.39	844
424.22	2.99	12.57	837	301.26	3.21	9.00	841	178.3	2.16	5.46	844
421.15	2.46	12.49	837	298.19	2.43	8.75	841	175.22	1.10	5.46	844
418.07	2.45	12.68	837	295.11	2.55	8.50	841	172.15	1.34	5.36	844
415	2.18	12.57	837	292.04	1.43	8.16	842	169.07	2.37	5.39	844
411.93	1.96	12.5	837	288.96	1.71	7.80	842	166	2.72	5.46	844
408.85	1.67	12.71	837	285.89	1.30	7.43	842	162.93	2.69	5.54	844
405.78	2.33	12.71	837	282.81	1.58	7.04	843	159.85	2.75	5.55	844
402.7	2.95	12.78	837	279.74	1.81	6.93	843	156.78	2.06	5.68	844
399.63	1.48	12.82	837	276.67	2.30	6.51	843	153.7	2.97	5.68	844
396.56	2.52	12.84	837	273.59	3.30	6.37	843	150.63	1.72	5.76	844
393.48	2.50	12.87	837	270.52	1.62	5.94	844	147.56	1.86	5.68	844
390.41	2.05	12.85	837	267.44	2.75	5.98	844	144.48	1.91	5.84	844
387.33	3.39	12.74	837	264.37	2.26	5.81	844	141.41	3.01	5.88	844
384.26	2.29	12.75	837	261.3	1.72	5.83	844	138.33	2.17	5.91	844
381.19	2.90	12.71	837	258.22	2.73	5.83	844	135.26	2.20	5.87	844
378.11	2.09	12.72	837	255.15	1.41	5.75	844	132.19	1.46	5.80	844
375.04	1.75	12.67	837	252.07	1.82	5.79	844	129.11	1.86	5.72	844

Table 46. Distance from right bank, velocity, depth, and altitude data for Bull Sluice Lake transect 9 (BSL-3) (see figure 6 for location), Cobb and Fulton Counties, Georgia, September 2004.—Continued

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
126.04	1.48	5.54	844	83.0	1.19	5.68	844	39.96	2.02	4.26	845
122.96	2.86	5.62	844	79.93	0.80	5.68	844	36.89	1.94	4.61	845
119.89	2.32	5.65	844	76.85	1.15	5.68	844	33.81	0.67	5.75	844
116.81	2.70	5.68	844	73.78	2.11	5.83	844	30.74	0.75	5.92	844
113.74	2.03	5.57	844	70.7	0.38	6.02	844	27.67	1.40	5.23	844
110.67	1.63	5.50	844	67.63	1.41	5.95	844	24.59	1.43	5.49	844
107.59	1.33	5.54	844	64.56	1.38	6.28	843	21.52	1.61	7.21	843
104.52	2.34	5.53	844	61.48	1.58	6.38	843	18.44	1.33	7.82	842
101.44	1.53	5.58	844	58.41	2.18	5.79	844	15.37	1.71	8.18	842
98.37	1.26	5.39	844	55.33	1.54	5.72	844	12.3	1.85	7.98	842
95.3	2.03	5.25	844	52.26	0.83	5.29	844	9.22	1.94	7.85	842
92.22	0.90	5.12	845	49.19	1.91	4.76	845	6.15	1.15	7.67	842
89.15	2.05	5.45	844	46.11	2.53	4.35	845	3.07	1.65	7.56	842
86.07	2.87	5.61	844	43.04	1.70	4.07	846	0	1.87	7.50	842

Table 47. Distance from right bank, velocity, depth, and altitude data for Bull Sluice Lake transect 10 (BSL-4) (see figure 6 for location), Cobb and Fulton Counties, Georgia, September 2004.

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
2.82	2.66	10.88	864	81.76	1.78	16.53	859	160.70	2.11	16.14	859
5.64	2.43	10.95	864	84.58	2.07	16.5	859	163.52	2.93	15.77	860
8.46	0.72	10.9	864	87.4	3.62	16.47	859	166.34	3.53	15.75	860
11.28	1.52	10.87	864	90.22	2.83	16.58	859	169.16	2.69	15.63	860
14.1	0.52	10.8	865	93.04	3.17	16.69	859	171.98	2.53	15.81	860
16.92	0.93	10.69	865	95.86	2.70	16.93	858	174.8	1.94	15.63	860
19.74	0.31	10.7	865	98.67	1.33	16.82	859	177.61	2.43	15.63	860
22.55	0.57	10.7	865	101.49	1.84	17.06	858	180.43	2.52	15.44	860
25.37	0.19	10.73	865	104.31	1.51	17.49	858	183.25	2.63	15.45	860
28.19	1.95	11.02	864	107.13	2.35	17.38	858	186.07	2.20	15.37	860
31.01	1.54	11.29	864	109.95	2.53	17.41	858	188.89	1.18	15.3	860
33.83	1.81	11.87	863	112.77	2.66	17.51	858	191.71	2.55	15.08	860
36.65	1.81	12.48	863	115.59	0.93	17.3	858	194.53	1.95	14.85	860
39.47	2.58	13.17	862	118.41	2.83	17.24	858	197.35	1.95	14.32	861
42.29	1.37	13.9	861	121.23	1.87	17.42	858	200.17	1.98	13.93	861
45.11	1.93	14.58	861	124.05	2.91	17.13	858	202.99	1.02	13.34	862
47.93	1.86	15.09	860	126.87	3.94	17.5	858	205.81	2.09	12.71	863
50.75	1.67	15.43	860	129.69	3.11	17.13	858	208.63	3.16	12.02	863
53.57	0.76	16.62	859	132.51	1.69	17.25	858	211.45	1.35	11.2	864
56.39	2.43	16.83	859	135.33	2.61	17.12	858	214.27	1.56	10.35	865
59.2	3.44	17.08	858	138.14	2.45	17.13	858	217.08	2.06	9.71	866
62.02	1.34	15.44	860	140.96	1.84	17.08	858	219.9	1.68	9.02	866
64.84	1.36	17.33	858	143.78	3.95	16.88	858	222.72	2.24	8.38	867
67.66	1.94	17.26	858	146.6	2.94	16.89	858	225.54	1.55	7.67	868
70.48	3.29	16.82	859	149.42	1.66	16.8	859	228.36	0.47	7.04	868
73.3	1.91	16.79	859	152.24	2.02	16.65	859	231.18	2.10	6.11	869
76.12	2.22	16.61	859	155.06	2.52	16.39	859	234	1.40	5.20	870
78.94	2.58	16.72	859	157.88	3.46	16.34	859				

Table 48. Distance from right bank, velocity, depth, and altitude data for Bull Sluice Lake transect 11 (BSL-4) (see figure 6 for location), Cobb and Fulton Counties, Georgia, September 2004.

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
256.92	0.68	4.30	871	167.20	2.66	16.24	859	77.48	2.88	17.61	858
252.84	1.87	4.68	871	163.13	1.66	16.3	859	73.41	3.27	17.44	858
248.77	1.36	6.11	869	159.05	2.96	16.72	859	69.33	2.14	17.43	858
244.69	1.11	7.08	868	154.97	2.60	16.57	859	65.25	2.26	17.42	858
240.61	0.52	7.69	868	150.89	2.53	16.77	859	61.17	3.20	17.12	858
236.53	1.54	8.99	866	146.81	2.95	17.03	858	57.09	2.79	16.88	858
232.45	1.89	9.96	865	142.73	2.06	16.92	858	53.02	2.63	16.73	859
228.38	0.89	10.77	865	138.66	2.36	16.86	858	48.94	2.32	16.68	859
224.3	1.21	11.51	864	134.58	2.27	17.24	858	44.86	1.00	16.76	859
220.22	1.23	12.07	863	130.5	2.88	17.24	858	40.78	1.81	16.69	859
216.14	2.27	12.72	863	126.42	3.31	17.4	858	36.7	2.73	16.49	859
212.06	3.28	13.89	861	122.34	2.43	17.5	858	32.63	3.28	16.8	859
207.98	3.69	14.43	861	118.27	2.78	17.46	858	28.55	1.78	16.93	858
203.91	1.93	14.94	860	114.19	2.68	17.59	858	24.47	0.34	16.61	859
199.83	2.17	15.04	860	110.11	2.63	17.52	858	20.39	1.76	16.61	859
195.75	3.11	15.28	860	106.03	2.88	17.51	858	16.31	1.37	16.26	859
191.67	2.64	15.52	860	101.95	2.93	17.34	858	12.23	2.09	15.97	859
187.59	2.58	15.78	860	97.88	2.33	17.38	858	8.16	1.00	15.83	859
183.52	2.42	15.82	860	93.8	1.94	17.37	858	4.08	1.78	15.68	860
179.44	2.92	15.86	859	89.72	1.19	17.37	858	0	0.65	15.56	860
175.36	2.21	16.01	859	85.64	1.43	17.29	858				
171.28	2.27	16.12	859	81.56	1.05	17.38	858				

Table 49. Distance from right bank, velocity, depth, and altitude data for Bull Sluice Lake transect 12 (BSL-5) (see figure 6 for location), Cobb and Fulton Counties, Georgia, September 2004.

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
2.52	1.09	6.94	846	106.03	3.17	8.45	844	209.54	2.36	10.28	842
5.05	1.09	7.02	846	108.56	2.20	8.43	844	212.07	3.14	10.38	842
7.57	2.54	6.80	846	111.08	1.66	8.42	844	214.59	2.62	10.49	842
10.1	1.73	6.86	846	113.61	2.97	8.46	844	217.11	0.53	10.92	842
12.62	2.49	6.86	846	116.13	2.33	8.35	844	219.64	1.54	10.74	842
15.15	1.47	6.86	846	118.66	3.49	8.61	844	222.16	2.58	11.09	841
17.67	2.34	6.83	846	121.18	2.21	8.47	844	224.69	0.95	10.94	842
20.2	2.08	6.83	846	123.7	2.76	8.54	844	227.21	3.63	10.94	842
22.72	1.42	6.79	846	126.23	2.25	8.87	844	229.74	2.80	10.86	842
25.25	3.13	6.79	846	128.75	2.29	8.79	844	232.26	3.17	10.83	842
27.77	2.84	6.82	846	131.28	2.47	8.87	844	234.79	3.14	10.93	842
30.3	2.58	6.79	846	133.8	4.84	8.87	844	237.31	1.64	10.89	842
32.82	1.35	6.82	846	136.33	3.22	9.05	844	239.84	3.11	10.78	842
35.34	1.52	6.82	846	138.85	3.40	9.23	843	242.36	2.20	10.42	842
37.87	2.88	6.90	846	141.38	3.55	9.19	843	244.89	3.33	10.48	842
40.39	1.88	6.90	846	143.9	2.63	9.20	843	247.41	3.11	10.49	842
42.92	1.34	6.86	846	146.43	2.49	9.31	843	249.93	3.63	10.53	842
45.44	1.86	6.74	846	148.95	2.10	9.59	843	252.46	2.62	10.56	842
47.97	2.06	6.97	846	151.48	2.22	9.55	843	254.98	2.44	10.78	842
50.49	2.13	6.90	846	154	2.30	9.67	843	257.51	1.37	10.82	842
53.02	1.97	7.01	846	156.52	2.22	9.78	843	260.03	3.70	10.78	842
55.54	1.25	7.04	846	159.05	2.85	9.66	843	262.56	3.06	10.85	842
58.07	1.71	6.96	846	161.57	2.65	9.88	843	265.08	2.75	11.0	842
60.59	3.04	7.00	846	164.1	2.67	9.94	843	267.61	2.57	11.04	842
63.11	2.81	7.01	846	166.62	1.91	10.1	842	270.13	2.88	11.03	842
65.64	1.58	6.85	846	169.15	2.98	10.17	842	272.66	2.53	11.18	841
68.16	2.10	6.80	846	171.67	2.20	10.2	842	275.18	2.84	11.22	841
70.69	2.13	6.80	846	174.2	1.63	10.1	842	277.7	2.78	11.22	841
73.21	2.46	6.83	846	176.72	4.23	10.01	843	280.23	2.28	11.15	841
75.74	2.09	7.04	846	179.25	3.04	9.87	843	282.75	1.85	11.37	841
78.26	2.58	7.30	845	181.77	2.91	9.89	843	285.28	3.35	11.44	841
80.79	2.54	7.51	845	184.3	2.85	10.37	842	287.8	3.13	11.4	841
83.31	2.54	7.41	845	186.82	2.40	10.19	842	290.33	1.13	11.47	841
85.84	1.45	7.48	845	189.34	2.39	10.31	842	292.85	1.46	11.44	841
88.36	2.82	7.45	845	191.87	3.24	10.2	842	295.38	2.51	11.33	841
90.89	2.19	7.66	845	194.39	1.91	9.94	843	297.9	1.81	11.52	841
93.41	2.19	7.82	845	196.92	2.76	9.82	843	300.43	1.77	11.41	841
95.93	2.55	7.80	845	199.44	4.69	9.78	843	302.95	2.42	11.11	841
98.46	2.05	7.95	845	201.97	2.31	9.78	843	305.48	2.25	10.9	842
100.98	3.03	8.05	844	204.49	3.16	9.71	843	308	2.43	10.68	842
103.51	1.62	8.38	844	207.02	3.58	9.97	843				

Table 50. Distance from right bank, velocity, depth, and altitude data for Bull Sluice Lake transect 13 (BSL-5) (see figure 6 for location), Cobb and Fulton Counties, Georgia, September 2004.

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
307.10	2.91	10.35	842	202.80	2.64	10.93	842	98.50	3.11	8.72	844
304.21	2.91	10.39	842	199.91	1.89	10.78	842	95.61	2.93	8.53	844
301.31	2.04	10.42	842	197.01	2.51	10.71	842	92.71	3.26	8.54	844
298.41	2.96	10.42	842	194.11	3.56	10.7	842	89.81	3.21	8.49	844
295.51	3.83	10.45	842	191.21	2.41	10.39	842	86.92	2.77	8.53	844
292.62	1.95	10.45	842	188.32	2.25	10.49	842	84.02	3.21	8.30	844
289.72	1.65	10.42	842	185.42	2.75	10.34	842	81.12	1.90	8.03	845
286.82	1.09	10.46	842	182.52	2.27	10.12	842	78.22	2.32	7.79	845
283.93	2.88	10.39	842	179.63	2.88	10.31	842	75.33	2.84	7.89	845
281.03	3.44	10.42	842	176.73	2.64	10.34	842	72.43	1.86	8.00	845
278.13	2.72	10.23	842	173.83	2.46	10.22	842	69.53	3.18	8.12	844
275.23	2.64	10.34	842	170.93	2.80	10.17	842	66.64	2.54	7.73	845
272.34	2.17	10.46	842	168.04	2.35	9.72	843	63.74	2.26	7.72	845
269.44	1.48	10.64	842	165.14	3.34	9.81	843	60.84	1.61	7.66	845
266.54	2.65	10.82	842	162.24	2.85	9.81	843	57.94	1.39	7.59	845
263.64	3.35	11.0	842	159.35	1.70	9.84	843	55.05	2.44	7.42	845
260.75	2.81	11.15	841	156.45	3.74	10.03	843	52.15	2.96	7.33	845
257.85	3.67	11.3	841	153.55	2.10	9.99	843	49.25	1.98	7.26	845
254.95	3.48	11.3	841	150.65	2.33	9.82	843	46.36	3.17	7.12	845
252.06	2.31	11.29	841	147.76	2.49	9.65	843	43.46	2.09	7.15	845
249.16	2.65	11.25	841	144.86	1.91	9.81	843	40.56	2.66	7.08	845
246.26	2.00	11.33	841	141.96	2.69	9.80	843	37.66	2.18	7.04	846
243.36	2.66	11.29	841	139.07	2.84	9.63	843	34.77	2.74	7.16	845
240.47	2.88	11.47	841	136.17	2.00	9.46	843	31.87	3.39	7.22	845
237.57	2.44	11.29	841	133.27	2.29	9.57	843	28.97	2.36	7.34	845
234.67	2.06	11.14	841	130.37	2.70	9.81	843	26.07	2.59	7.56	845
231.78	1.74	10.91	842	127.48	2.71	9.84	843	23.18	2.56	7.42	845
228.88	2.88	10.85	842	124.58	2.72	9.66	843	20.28	1.53	7.45	845
225.98	1.92	10.74	842	121.68	2.23	9.55	843	17.38	1.90	7.20	845
223.08	2.64	10.7	842	118.79	2.36	9.25	843	14.49	1.80	7.15	845
220.19	2.89	10.56	842	115.89	3.97	9.19	843	11.59	1.62	7.00	846
217.29	2.46	10.48	842	112.99	2.43	9.01	844	8.69	1.68	6.82	846
214.39	3.10	10.51	842	110.09	3.62	9.01	844	5.79	2.91	6.94	846
211.5	2.57	10.6	842	107.2	1.62	8.89	844	2.90	1.23	6.93	846
208.6	2.43	10.46	842	104.3	2.19	8.82	844	0	2.80	7.01	846
205.7	2.46	10.64	842	101.4	1.75	8.86	844				

Table 51. Distance from right bank, velocity, depth, and altitude data for Bull Sluice Lake transect 14 (BSL-6) (see figure 6 for location), Cobb and Fulton Counties, Georgia, September 2004.

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
359.54	1.59	8.27	838	295.23	3.55	8.13	839	230.92	3.15	7.52	839
358.08	2.77	8.27	838	293.77	3.08	7.80	839	229.46	1.70	7.63	839
356.62	0.96	8.23	839	292.31	2.84	7.66	839	228.00	2.38	7.63	839
355.15	1.69	8.28	838	290.85	2.94	7.39	839	226.54	2.24	7.82	839
353.69	2.63	8.24	839	289.38	1.48	7.30	839	225.08	1.98	7.70	839
352.23	2.07	8.23	839	287.92	2.77	7.37	839	223.62	1.65	7.54	839
350.77	2.14	8.23	839	286.46	3.85	8.02	839	222.15	3.62	7.52	839
349.31	2.26	8.19	839	285	3.33	8.01	839	220.69	2.95	7.38	839
347.85	2.52	8.19	839	283.54	1.99	8.78	838	219.23	3.35	7.33	839
346.38	1.19	8.19	839	282.08	2.94	8.87	838	217.77	3.65	7.37	839
344.92	2.08	8.19	839	280.62	2.95	8.93	838	216.31	2.76	7.44	839
343.46	1.30	8.16	839	279.15	3.79	9.15	838	214.85	2.51	7.18	840
342	0.65	8.09	839	277.69	3.10	9.15	838	213.38	2.06	7.19	840
340.54	0.59	8.02	839	276.23	1.93	9.04	838	211.92	3.06	7.12	840
339.08	1.00	8.04	839	274.77	2.27	9.19	838	210.46	2.84	7.12	840
337.62	0.90	7.98	839	273.31	3.27	9.26	838	209	2.73	7.00	840
336.15	1.71	7.95	839	271.85	2.45	9.04	838	207.54	3.28	6.94	840
334.69	1.29	7.91	839	270.38	2.24	9.10	838	206.08	1.46	6.86	840
333.23	2.04	7.91	839	268.92	3.17	9.09	838	204.62	1.99	6.93	840
331.77	1.90	7.91	839	267.46	3.84	8.82	838	203.15	2.65	6.86	840
330.31	0.51	7.88	839	266	3.20	8.53	838	201.69	1.68	6.93	840
328.85	1.32	7.83	839	264.54	3.34	8.43	838	200.23	3.35	7.00	840
327.38	0.52	7.84	839	263.08	2.90	8.45	838	198.77	3.95	6.93	840
325.92	1.62	7.87	839	261.62	2.22	8.45	838	197.31	2.67	6.90	840
324.46	1.31	7.94	839	260.15	3.12	8.44	838	195.85	3.38	6.74	840
323	0.91	8.01	839	258.69	3.57	8.45	838	194.38	2.64	6.71	840
321.54	1.68	8.06	839	257.23	3.43	8.41	838	192.92	1.69	6.67	840
320.08	2.34	8.13	839	255.77	1.88	8.31	838	191.46	2.65	6.60	840
318.62	1.47	8.19	839	254.31	2.81	8.16	839	190	1.97	6.57	840
317.15	1.88	8.39	838	252.85	2.26	8.08	839	188.54	2.96	6.57	840
315.69	3.35	8.57	838	251.38	2.94	8.05	839	187.08	2.95	6.45	840
314.23	1.38	8.63	838	249.92	3.51	7.83	839	185.62	3.49	6.34	840
312.77	0.48	8.72	838	248.46	2.35	7.70	839	184.15	3.62	6.34	840
311.31	1.13	8.75	838	247	2.25	7.76	839	182.69	1.41	6.44	840
309.85	1.91	8.83	838	245.54	3.64	7.73	839	181.23	1.87	6.34	840
308.38	2.52	8.86	838	244.08	2.42	7.85	839	179.77	2.43	6.47	840
306.92	0.34	8.71	838	242.62	3.31	7.89	839	178.31	3.27	6.63	840
305.46	1.90	8.67	838	241.15	1.77	7.89	839	176.85	1.39	6.64	840
304	2.05	8.45	838	239.69	3.06	7.95	839	175.38	2.18	6.59	840
302.54	1.12	8.45	838	238.23	2.95	8.06	839	173.92	3.63	6.44	840
301.08	1.86	8.42	838	236.77	3.38	7.94	839	172.46	3.06	6.27	841
299.62	1.75	8.35	838	235.31	2.31	7.83	839	171	2.48	6.30	840
298.15	3.23	8.20	839	233.85	2.13	7.87	839	169.54	2.35	6.37	840
296.69	3.49	8.34	838	232.38	3.78	7.58	839	168.08	2.21	6.19	841

Table 51. Distance from right bank, velocity, depth, and altitude data for Bull Sluice Lake transect 14 (BSL-6) (see figure 6 for location), Cobb and Fulton Counties, Georgia, September 2004.—Continued

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
166.62	2.62	6.18	841	109.62	2.16	10.93	836	52.62	2.75	12.56	834
165.15	2.15	6.18	841	108.15	2.93	10.97	836	51.15	1.91	12.64	834
163.69	2.17	6.11	841	106.69	2.88	11.00	836	49.69	1.80	12.6	834
162.23	2.40	6.29	840	105.23	0.78	11.12	836	48.23	2.97	12.64	834
160.77	2.41	6.33	840	103.77	1.63	11.29	835	46.77	2.68	12.67	834
159.31	2.30	6.18	841	102.31	1.04	11.34	835	45.31	1.68	12.67	834
157.85	3.17	6.36	840	100.85	1.74	11.37	835	43.85	2.46	12.46	834
156.38	2.09	6.04	841	99.38	2.33	11.3	835	42.38	2.15	12.56	834
154.92	2.86	6.07	841	97.92	2.99	11.37	835	40.92	3.60	12.53	834
153.46	2.07	5.98	841	96.46	2.16	11.45	835	39.46	2.12	12.61	834
152	2.67	6.22	841	95.0	3.13	11.58	835	38.0	3.84	12.72	834
150.54	2.61	6.08	841	93.54	2.37	11.63	835	36.54	2.05	12.86	834
149.08	1.43	6.36	840	92.08	1.40	11.6	835	35.08	2.12	12.93	834
147.62	1.95	6.40	840	90.62	1.04	11.66	835	33.62	1.68	13.12	834
146.15	1.89	6.45	840	89.15	2.39	11.74	835	32.15	1.44	13.34	833
144.69	2.62	6.60	840	87.69	1.85	11.7	835	30.69	2.82	13.53	833
143.23	2.11	6.56	840	86.23	2.42	11.74	835	29.23	1.36	13.72	833
141.77	2.09	6.90	840	84.77	3.13	11.82	835	27.77	2.51	13.78	833
140.31	3.03	7.19	840	83.31	1.79	11.82	835	26.31	1.57	14.14	833
138.85	2.98	7.34	839	81.85	3.42	11.88	835	24.85	1.74	14.22	833
137.38	2.85	7.55	839	80.38	2.83	11.97	835	23.38	1.45	14.17	833
135.92	1.33	7.85	839	78.92	2.27	11.93	835	21.92	2.16	14.18	833
134.46	2.74	8.10	839	77.46	2.69	12.01	835	20.46	3.16	14.17	833
133	2.01	8.38	838	76.0	2.64	12.07	835	19.0	3.29	14.09	833
131.54	2.35	8.53	838	74.54	2.41	12.14	835	17.54	2.97	14.06	833
130.08	1.74	8.75	838	73.08	1.76	12.27	835	16.08	2.59	14.06	833
128.62	1.97	8.98	838	71.62	2.77	12.16	835	14.62	2.12	13.98	833
127.15	2.54	9.15	838	70.15	3.09	12.12	835	13.15	1.95	13.9	833
125.69	0.23	9.37	837	68.69	2.00	12.34	834	11.69	1.92	13.83	833
124.23	1.86	9.59	837	67.23	2.23	12.61	834	10.23	0.84	13.82	833
122.77	2.97	9.77	837	65.77	2.93	12.65	834	8.77	1.98	13.78	833
121.31	2.75	9.97	837	64.31	1.92	12.55	834	7.31	0.96	13.67	833
119.85	2.00	9.98	837	62.85	2.45	12.62	834	5.85	1.81	13.44	833
118.38	1.94	10.21	837	61.38	2.86	12.65	834	4.38	0.82	13.33	833
116.92	2.74	10.32	836	59.92	2.75	12.58	834	2.92	1.07	13.16	834
115.46	2.26	10.42	836	58.46	2.08	12.65	834	1.46	1.88	13.05	834
114	1.57	10.5	836	57.0	2.16	12.72	834	0	0.77	12.9	834
112.54	2.48	10.68	836	55.54	2.67	12.68	834				
111.08	1.92	10.79	836	54.08	3.18	12.65	834				

Table 52. Distance from right bank, velocity, depth, and altitude data for Bull Sluice Lake transect 15 (BSL-6) (see figure 6 for location), Cobb and Fulton Counties, Georgia, September 2004.

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
1.38	1.95	11.19	836	62.19	1.16	13.86	833	123	2.71	11.23	836
2.76	1.02	11.11	836	63.57	2.78	13.70	833	124.38	3.25	11.16	836
4.15	1.00	10.98	836	64.96	2.86	13.52	833	125.76	0.60	11.01	836
5.53	0.28	10.9	836	66.34	2.28	13.33	833	127.15	2.71	10.91	836
6.91	1.47	10.86	836	67.72	2.25	13.12	834	128.53	1.16	10.72	836
8.29	1.30	10.82	836	69.1	2.26	12.99	834	129.91	2.88	10.58	836
9.67	1.01	10.82	836	70.48	2.84	12.94	834	131.29	3.26	10.39	836
11.06	0.85	10.75	836	71.87	2.05	12.77	834	132.67	1.97	10.27	837
12.44	0.79	10.71	836	73.25	3.58	12.65	834	134.06	2.67	9.97	837
13.82	1.21	10.71	836	74.63	2.84	12.65	834	135.44	1.38	9.60	837
15.2	0.56	10.66	836	76.01	3.47	12.65	834	136.82	3.58	9.37	837
16.58	2.82	10.71	836	77.39	2.25	12.64	834	138.2	2.17	9.20	838
17.97	0.49	10.71	836	78.78	2.89	12.65	834	139.58	2.39	8.64	838
19.35	1.22	10.81	836	80.16	2.88	12.75	834	140.97	1.22	8.11	839
20.73	1.03	10.81	836	81.54	2.15	12.68	834	142.35	2.02	7.68	839
22.11	1.87	10.81	836	82.92	2.05	12.72	834	143.73	2.58	7.36	839
23.49	1.58	10.81	836	84.3	1.87	12.78	834	145.11	3.05	7.02	840
24.88	1.48	10.9	836	85.69	2.24	12.8	834	146.49	1.68	6.73	840
26.26	2.36	10.91	836	87.07	1.84	12.79	834	147.88	3.02	6.51	840
27.64	1.00	11.16	836	88.45	2.41	12.9	834	149.26	3.36	6.25	841
29.02	1.09	10.98	836	89.83	2.31	12.83	834	150.64	2.87	6.23	841
30.4	2.57	10.61	836	91.21	2.21	12.83	834	152.02	2.05	6.25	841
31.79	1.86	10.74	836	92.6	2.29	12.71	834	153.4	2.45	6.32	840
33.17	0.99	11.15	836	93.98	2.36	12.82	834	154.79	2.35	6.18	841
34.55	2.05	11.16	836	95.36	2.97	12.83	834	156.17	2.53	5.99	841
35.93	1.58	11.16	836	96.74	2.56	12.82	834	157.55	2.52	5.71	841
37.31	2.06	11.28	835	98.12	2.47	12.61	834	158.93	3.11	5.51	841
38.7	1.82	11.42	835	99.51	2.78	12.61	834	160.31	2.38	5.50	841
40.08	2.69	11.14	836	100.89	1.83	12.57	834	161.7	3.94	5.69	841
41.46	2.12	11.25	836	102.27	3.45	12.32	834	163.08	2.08	5.75	841
42.84	2.05	11.74	835	103.65	1.89	12.24	835	164.46	1.97	5.80	841
44.22	2.05	11.91	835	105.03	1.56	12.16	835	165.84	2.87	5.89	841
45.61	1.07	12.26	835	106.42	3.00	12.09	835	167.22	2.74	5.90	841
46.99	2.63	12.72	834	107.8	0.98	11.9	835	168.61	2.78	5.89	841
48.37	3.26	12.94	834	109.18	2.05	11.9	835	169.99	2.63	5.86	841
49.75	2.58	13.02	834	110.56	3.15	11.8	835	171.37	2.16	5.82	841
51.13	2.15	13.22	834	111.94	3.38	11.72	835	172.75	2.02	5.94	841
52.52	1.94	13.55	833	113.33	1.90	11.68	835	174.13	2.90	5.97	841
53.9	2.30	13.79	833	114.71	3.11	11.54	835	175.52	1.52	6.22	841
55.28	3.01	13.84	833	116.09	2.17	11.42	835	176.9	2.36	6.33	840
56.66	2.61	13.96	833	117.47	2.77	11.45	835	178.28	3.45	6.48	840
58.04	2.14	13.96	833	118.85	2.27	11.45	835	179.66	1.04	6.38	840
59.43	2.17	14.04	833	120.24	2.45	11.38	835	181.04	1.34	6.33	840
60.81	1.05	13.96	833	121.62	2.50	11.31	835	182.43	3.27	6.37	840

Table 52. Distance from right bank, velocity, depth, and altitude data for Bull Sluice Lake transect 15 (BSL-6) (see figure 6 for location), Cobb and Fulton Counties, Georgia, September 2004.—Continued

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
183.81	2.33	6.54	840	246	2.41	8.01	839	308.19	2.99	8.90	838
185.19	2.55	6.60	840	247.38	2.44	8.08	839	309.57	2.32	8.93	838
186.57	0.73	6.53	840	248.76	2.63	8.03	839	310.96	3.06	8.82	838
187.96	1.38	6.79	840	250.15	2.21	7.91	839	312.34	2.64	8.75	838
189.34	3.18	6.57	840	251.53	1.36	7.92	839	313.72	2.36	8.86	838
190.72	2.94	6.53	840	252.91	2.00	7.88	839	315.1	3.68	8.71	838
192.1	2.42	6.57	840	254.29	1.80	7.69	839	316.48	2.79	8.53	838
193.48	3.87	6.49	840	255.67	3.17	7.73	839	317.87	2.81	8.15	839
194.87	2.53	6.52	840	257.06	3.23	7.85	839	319.25	1.89	8.00	839
196.25	1.43	6.63	840	258.44	3.57	7.83	839	320.63	3.11	7.92	839
197.63	1.53	6.79	840	259.82	2.99	7.83	839	322.01	3.47	7.68	839
199.01	2.82	7.04	840	261.2	2.90	7.80	839	323.39	3.21	7.21	840
200.39	3.18	6.93	840	262.58	2.63	7.80	839	324.78	2.87	7.40	839
201.78	1.52	7.01	840	263.97	2.67	7.83	839	326.16	3.02	7.47	839
203.16	2.72	7.00	840	265.35	2.52	7.76	839	327.54	3.02	7.58	839
204.54	1.97	6.79	840	266.73	2.76	7.80	839	328.92	2.55	7.69	839
205.92	3.13	6.76	840	268.11	3.77	7.83	839	330.3	3.20	7.70	839
207.3	2.03	6.78	840	269.49	2.72	7.91	839	331.69	2.52	7.90	839
208.69	3.55	6.74	840	270.88	3.32	7.91	839	333.07	2.80	7.98	839
210.07	3.43	6.89	840	272.26	3.68	7.88	839	334.45	2.26	8.35	838
211.45	3.21	6.89	840	273.64	3.07	7.87	839	335.83	3.62	8.28	838
212.83	3.52	7.00	840	275.02	2.69	8.13	839	337.21	2.95	8.53	838
214.21	2.34	7.10	840	276.4	2.00	8.45	838	338.6	2.82	8.39	838
215.6	3.75	7.03	840	277.79	2.25	8.59	838	339.98	2.13	8.16	839
216.98	2.62	7.12	840	279.17	2.36	8.77	838	341.36	3.38	8.04	839
218.36	2.63	7.22	840	280.55	2.75	9.03	838	342.74	2.27	8.24	839
219.74	3.20	7.15	840	281.93	2.96	9.29	837	344.12	1.66	8.27	839
221.12	2.65	7.19	840	283.31	1.93	9.46	837	345.51	1.46	8.31	838
222.51	3.20	7.37	839	284.7	2.00	9.62	837	346.89	2.93	8.27	839
223.89	1.98	7.17	840	286.08	1.01	9.59	837	348.27	3.14	8.27	838
225.27	2.41	7.22	840	287.46	2.73	9.56	837	349.65	1.14	8.20	839
226.65	1.93	7.36	839	288.84	2.17	9.45	837	351.03	1.42	8.12	839
228.03	3.43	7.47	839	290.22	3.16	9.47	837	352.42	2.09	7.79	839
229.42	2.12	7.58	839	291.61	2.47	9.54	837	353.8	0.56	7.42	839
230.8	2.20	7.77	839	292.99	2.93	9.55	837	355.18	1.25	7.25	840
232.18	2.50	7.82	839	294.37	2.40	9.14	838	356.56	0.61	6.99	840
233.56	2.16	7.82	839	295.75	2.32	8.92	838	357.94	0.34	6.77	840
234.94	4.08	7.83	839	297.13	3.15	9.03	838	359.33	1.01	6.49	840
236.33	2.99	7.58	839	298.52	2.35	9.11	838	360.71	1.29	6.22	841
237.71	2.95	7.66	839	299.9	3.75	9.00	838	362.09	0.65	6.01	841
239.09	2.80	7.55	839	301.28	2.47	8.90	838	363.47	0.52	5.82	841
240.47	3.31	7.77	839	302.66	2.22	9.01	838	364.85	0.27	5.72	841
241.85	2.24	7.80	839	304.04	2.79	8.97	838	366.24	0.45	5.64	841
243.24	2.94	7.76	839	305.43	2.72	8.82	838	367.62	1.12	5.58	841
244.62	2.57	7.93	839	306.81	2.78	8.86	838	369	2.48	5.58	841

Table 53. Distance from right bank, velocity, depth, and altitude data for Bull Sluice Lake transect 16 (BSL-7) (see figure 6 for location), Cobb and Fulton Counties, Georgia, September 2004.

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
427.31	2.01	4.83	843	353.00	1.97	4.75	844	278.68	2.04	9.01	839
425.62	2.16	4.83	843	351.31	2.15	5.63	843	276.99	2.45	8.97	839
423.93	1.35	4.83	843	349.62	0.67	5.77	843	275.30	2.22	8.81	839
422.24	0.94	4.87	843	347.93	1.58	5.90	842	273.61	3.70	8.71	840
420.56	1.33	4.83	843	346.24	1.64	6.09	842	271.93	1.74	8.79	839
418.87	1.29	4.87	843	344.55	1.82	6.51	842	270.24	2.38	8.86	839
417.18	1.64	4.87	843	342.86	1.77	6.78	842	268.55	2.38	8.82	839
415.49	1.91	4.91	843	341.17	1.17	7.04	841	266.86	0.97	8.78	840
413.8	2.76	4.91	843	339.48	0.93	7.19	841	265.17	2.61	8.75	840
412.11	1.29	5.05	843	337.8	1.76	7.40	841	263.48	2.99	8.68	840
410.42	1.59	5.09	843	336.11	1.50	7.48	841	261.79	2.59	8.68	840
408.73	0.79	5.01	843	334.42	1.56	7.58	841	260.1	1.59	8.64	840
407.04	0.94	4.84	843	332.73	1.63	7.63	841	258.41	3.71	8.75	840
405.35	0.77	4.91	843	331.04	2.33	7.81	840	256.72	3.00	8.70	840
403.67	2.95	4.73	844	329.35	1.23	7.88	840	255.04	2.66	8.56	840
401.98	2.42	4.89	843	327.66	2.36	8.03	840	253.35	2.98	8.42	840
400.29	2.03	4.61	844	325.97	2.11	8.24	840	251.66	3.31	8.25	840
398.6	1.82	4.66	844	324.28	1.61	8.35	840	249.97	3.96	8.27	840
396.91	1.23	4.82	843	322.59	1.54	8.35	840	248.28	3.11	8.35	840
395.22	1.44	4.96	843	320.91	1.90	8.42	840	246.59	3.27	8.19	840
393.53	2.13	5.13	843	319.22	2.28	8.60	840	244.9	2.74	8.27	840
391.84	1.51	4.66	844	317.53	1.16	8.68	840	243.21	2.35	8.10	840
390.15	2.01	4.61	844	315.84	2.21	8.50	840	241.52	3.46	8.18	840
388.46	1.76	5.12	843	314.15	3.41	8.57	840	239.83	3.99	8.21	840
386.78	1.66	5.10	843	312.46	2.29	8.63	840	238.15	1.93	8.09	840
385.09	2.17	5.01	843	310.77	2.79	8.75	840	236.46	2.92	8.14	840
383.4	1.77	4.46	844	309.08	2.12	8.79	839	234.77	2.13	8.25	840
381.71	1.01	4.77	844	307.39	2.44	8.86	839	233.08	2.05	8.13	840
380.02	1.60	4.13	844	305.7	1.14	8.93	839	231.39	3.10	8.05	840
378.33	1.91	4.39	844	304.02	1.92	9.01	839	229.7	2.88	8.10	840
376.64	2.16	4.50	844	302.33	1.93	9.05	839	228.01	2.86	8.10	840
374.95	1.74	4.44	844	300.64	2.75	9.05	839	226.32	3.25	8.16	840
373.26	1.52	4.47	844	298.95	2.68	9.12	839	224.63	2.97	8.17	840
371.57	1.50	4.54	844	297.26	3.08	9.16	839	222.94	2.52	8.13	840
369.89	1.95	4.47	844	295.57	1.92	9.24	839	221.26	1.94	8.09	840
368.2	1.71	4.44	844	293.88	1.51	9.31	839	219.57	2.45	7.90	840
366.51	0.55	4.47	844	292.19	2.06	9.19	839	217.88	2.12	7.91	840
364.82	1.96	4.40	844	290.5	3.04	9.30	839	216.19	1.04	7.91	840
363.13	1.39	4.40	844	288.81	2.31	9.34	839	214.5	2.00	7.84	840
361.44	1.50	4.44	844	287.13	1.59	9.31	839	212.81	2.39	7.80	840
359.75	1.97	4.47	844	285.44	2.41	9.30	839	211.12	2.55	7.96	840
358.06	1.99	4.51	844	283.75	2.61	9.23	839	209.43	2.01	7.81	840
356.37	1.22	4.58	844	282.06	2.33	9.19	839	207.74	3.15	7.77	841
354.69	1.10	4.65	844	280.37	2.57	9.12	839	206.06	3.06	7.91	840

Table 53. Distance from right bank, velocity, depth, and altitude data for Bull Sluice Lake transect 16 (BSL-7) (see figure 6 for location), Cobb and Fulton Counties, Georgia, September 2004.—Continued

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
204.37	1.47	7.62	841	135.12	1.78	6.00	842	65.87	2.86	7.48	841
202.68	2.53	7.56	841	133.43	2.32	6.03	842	64.18	2.90	7.31	841
200.99	2.32	7.56	841	131.74	0.97	6.15	842	62.49	2.67	7.49	841
199.30	2.32	7.49	841	130.05	2.63	6.03	842	60.8	3.65	7.63	841
197.61	2.81	7.44	841	128.36	2.95	6.07	842	59.11	2.50	7.52	841
195.92	2.76	7.44	841	126.67	2.57	6.08	842	57.43	2.44	7.62	841
194.23	2.71	7.41	841	124.98	2.41	6.14	842	55.74	3.75	7.68	841
192.54	2.32	7.33	841	123.3	3.19	6.14	842	54.05	2.81	7.73	841
190.85	2.65	7.19	841	121.61	2.80	6.18	842	52.36	3.46	7.74	841
189.17	1.94	7.12	841	119.92	2.85	6.19	842	50.67	2.89	7.54	841
187.48	2.96	7.26	841	118.23	2.33	6.30	842	48.98	3.69	7.58	841
185.79	3.30	7.04	841	116.54	2.33	6.55	842	47.29	2.42	7.51	841
184.1	2.06	7.15	841	114.85	1.58	6.60	842	45.6	3.15	7.55	841
182.41	1.40	7.15	841	113.16	1.73	6.71	842	43.91	2.12	7.45	841
180.72	1.96	6.96	841	111.47	1.74	6.86	841	42.22	2.03	7.40	841
179.03	1.88	6.74	842	109.78	3.58	6.93	841	40.54	2.15	7.37	841
177.34	2.17	6.71	842	108.09	1.87	6.92	841	38.85	3.23	7.37	841
175.65	2.18	6.52	842	106.41	2.33	6.93	841	37.16	2.32	7.44	841
173.96	3.38	6.45	842	104.72	3.44	6.85	841	35.47	1.71	7.31	841
172.28	3.66	6.34	842	103.03	3.06	7.00	841	33.78	4.04	7.11	841
170.59	3.56	6.28	842	101.34	1.67	7.11	841	32.09	2.52	7.16	841
168.9	2.85	6.19	842	99.65	2.73	7.15	841	30.4	3.18	7.12	841
167.21	2.26	6.07	842	97.96	3.09	7.04	841	28.71	1.54	7.08	841
165.52	2.77	6.22	842	96.27	3.33	7.06	841	27.02	4.10	7.08	841
163.83	3.03	6.08	842	94.58	3.57	7.09	841	25.33	2.49	6.85	841
162.14	3.28	5.97	842	92.89	2.46	7.12	841	23.65	2.68	6.85	841
160.45	1.98	5.93	842	91.2	3.88	7.25	841	21.96	3.02	6.75	842
158.76	1.56	5.71	843	89.52	2.13	7.26	841	20.27	2.61	6.78	842
157.07	2.99	5.65	843	87.83	2.38	7.22	841	18.58	3.34	6.90	841
155.39	3.32	5.71	843	86.14	2.70	7.19	841	16.89	2.10	6.97	841
153.7	1.92	5.64	843	84.45	2.46	7.18	841	15.2	2.06	7.08	841
152.01	2.11	5.57	843	82.76	3.52	7.12	841	13.51	2.57	7.15	841
150.32	1.37	5.28	843	81.07	2.29	7.27	841	11.82	3.12	7.13	841
148.63	3.04	5.47	843	79.38	2.94	7.48	841	10.13	2.12	7.04	841
146.94	2.87	5.59	843	77.69	1.83	7.66	841	8.44	1.01	7.13	841
145.25	2.01	5.50	843	76.0	3.69	7.88	840	6.76	2.09	7.12	841
143.56	1.72	5.61	843	74.31	3.21	7.95	840	5.07	2.54	7.15	841
141.87	3.16	5.68	843	72.63	2.49	7.83	840	3.38	2.59	7.11	841
140.19	3.41	5.72	843	70.94	2.30	7.78	840	1.69	2.56	7.14	841
138.5	3.11	5.80	842	69.25	4.07	7.60	841	0	4.04	7.14	841
136.81	3.26	5.89	842	67.56	2.45	7.48	841				

Table 54. Distance from right bank, velocity, depth, and altitude data for Bull Sluice Lake transect 17 (BSL-7) (see figure 6 for location), Cobb and Fulton Counties, Georgia, September 2004.

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
1.77	3.26	7.16	841	78.06	3.19	7.30	841	154.35	2.26	6.89	841
3.55	2.55	7.16	841	79.84	3.66	7.38	841	156.13	2.27	6.93	841
5.32	2.41	7.12	841	81.61	1.98	7.34	841	157.9	2.92	6.86	841
7.10	2.67	7.16	841	83.39	3.30	7.37	841	159.68	3.20	7.06	841
8.87	3.63	7.16	841	85.16	3.15	7.37	841	161.45	2.40	7.00	841
10.65	3.43	7.19	841	86.94	3.33	7.37	841	163.23	3.08	6.99	841
12.42	2.74	7.19	841	88.71	2.00	7.56	841	165	3.67	7.14	841
14.19	2.53	7.19	841	90.48	1.78	7.38	841	166.77	2.06	7.02	841
15.97	2.73	7.26	841	92.26	2.93	7.45	841	168.55	2.24	6.77	842
17.74	3.08	7.29	841	94.03	2.82	7.49	841	170.32	2.09	6.63	842
19.52	2.97	7.26	841	95.81	2.67	7.58	841	172.1	3.16	6.42	842
21.29	3.01	7.23	841	97.58	3.12	7.63	841	173.87	2.93	6.49	842
23.06	2.88	7.26	841	99.35	2.71	7.67	841	175.65	1.86	6.44	842
24.84	3.30	7.26	841	101.13	2.24	7.66	841	177.42	1.92	6.42	842
26.61	2.37	7.22	841	102.9	3.86	7.67	841	179.19	3.48	6.31	842
28.39	3.87	7.22	841	104.68	2.96	7.48	841	180.97	2.61	6.37	842
30.16	3.45	7.18	841	106.45	2.25	7.45	841	182.74	1.84	6.14	842
31.94	3.08	7.15	841	108.23	2.38	7.56	841	184.52	1.59	6.08	842
33.71	3.34	7.11	841	110	1.96	7.52	841	186.29	2.55	6.14	842
35.48	4.45	7.04	841	111.77	2.60	7.59	841	188.06	2.37	6.08	842
37.26	2.30	7.08	841	113.55	3.43	7.46	841	189.84	2.34	5.96	842
39.03	3.58	7.13	841	115.32	2.65	7.55	841	191.61	3.50	5.85	842
40.81	2.59	7.16	841	117.1	2.58	7.52	841	193.39	3.41	5.75	843
42.58	2.99	7.08	841	118.87	2.72	7.35	841	195.16	2.28	5.54	843
44.35	1.04	7.16	841	120.65	3.61	7.22	841	196.94	1.91	5.39	843
46.13	4.32	7.15	841	122.42	3.38	7.15	841	198.71	2.77	5.28	843
47.9	3.32	7.16	841	124.19	2.59	7.26	841	200.48	2.29	5.25	843
49.68	2.49	7.11	841	125.97	2.94	7.37	841	202.26	2.87	5.28	843
51.45	2.64	7.04	841	127.74	2.72	7.36	841	204.03	2.43	5.08	843
53.23	2.53	6.93	841	129.52	3.02	7.38	841	205.81	3.61	5.58	843
55.0	3.55	6.97	841	131.29	2.18	7.34	841	207.58	2.97	5.47	843
56.77	3.60	6.96	841	133.06	0.75	7.52	841	209.35	2.25	5.28	843
58.55	1.65	6.92	841	134.84	1.63	7.55	841	211.13	2.82	5.36	843
60.32	1.62	6.92	841	136.61	2.79	7.30	841	212.9	2.60	5.28	843
62.1	2.91	6.89	841	138.39	2.37	7.30	841	214.68	2.37	5.60	843
63.87	1.83	6.89	841	140.16	3.45	7.37	841	216.45	1.09	5.89	842
65.65	2.09	6.93	841	141.94	4.08	7.38	841	218.23	2.29	5.96	842
67.42	2.59	7.08	841	143.71	2.88	7.37	841	220	2.27	6.14	842
69.19	2.23	7.16	841	145.48	2.90	7.41	841	221.77	1.70	6.37	842
70.97	1.51	7.15	841	147.26	2.90	7.22	841	223.55	1.18	6.40	842
72.74	1.86	7.15	841	149.03	3.59	7.19	841	225.32	1.17	6.57	842
74.52	2.20	7.30	841	150.81	1.84	7.04	841	227.1	1.71	6.35	842
76.29	2.37	7.23	841	152.58	1.54	7.00	841	228.87	3.15	6.41	842

Table 54. Distance from right bank, velocity, depth, and altitude data for Bull Sluice Lake transect 17 (BSL-7) (see figure 6 for location), Cobb and Fulton Counties, Georgia, September 2004.—Continued

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
230.65	2.52	6.23	842	301.61	3.42	7.85	840	372.58	1.33	9.19	839
232.42	1.70	6.27	842	303.39	2.54	7.84	840	374.35	2.20	9.05	839
234.19	2.70	6.52	842	305.16	3.47	7.88	840	376.13	1.57	9.16	839
235.97	2.24	6.63	842	306.94	3.37	7.95	840	377.9	2.48	9.16	839
237.74	2.37	6.70	842	308.71	3.85	7.95	840	379.68	3.07	9.16	839
239.52	0.39	6.89	841	310.48	2.71	8.02	840	381.45	1.90	9.12	839
241.29	1.75	6.82	841	312.26	4.00	8.09	840	383.23	1.83	9.15	839
243.06	1.62	6.82	841	314.03	2.64	8.17	840	385	1.25	9.23	839
244.84	1.75	6.85	841	315.81	2.94	8.28	840	386.77	1.65	9.16	839
246.61	2.59	6.81	841	317.58	4.03	8.35	840	388.55	1.98	9.19	839
248.39	2.62	7.11	841	319.35	0.70	8.45	840	390.32	2.23	9.19	839
250.16	3.33	7.01	841	321.13	2.89	8.38	840	392.1	2.30	9.22	839
251.94	3.51	7.14	841	322.9	2.47	8.49	840	393.87	1.66	9.19	839
253.71	2.30	7.41	841	324.68	3.22	8.68	840	395.65	3.70	9.15	839
255.48	2.65	7.29	841	326.45	4.03	8.60	840	397.42	2.30	9.20	839
257.26	2.01	7.37	841	328.23	3.81	8.75	840	399.19	2.14	9.30	839
259.03	2.31	7.20	841	330	2.19	9.05	839	400.97	2.16	9.34	839
260.81	2.05	7.40	841	331.77	1.80	9.27	839	402.74	1.25	9.40	839
262.58	2.54	7.55	841	333.55	1.03	9.34	839	404.52	1.71	9.47	839
264.35	2.88	7.57	841	335.32	1.37	9.30	839	406.29	1.39	9.44	839
266.13	1.73	7.67	841	337.1	3.09	9.01	839	408.06	1.76	9.56	839
267.9	2.20	7.69	841	338.87	2.58	8.98	839	409.84	1.87	9.59	839
269.68	1.27	7.58	841	340.65	1.68	8.90	839	411.61	2.33	9.67	839
271.45	3.02	7.48	841	342.42	3.48	8.93	839	413.39	1.98	9.67	839
273.23	2.38	7.72	841	344.19	1.69	9.07	839	415.16	1.78	9.65	839
275	2.12	7.76	841	345.97	2.59	9.29	839	416.94	2.44	9.71	839
276.77	1.34	7.70	841	347.74	1.04	9.47	839	418.71	2.48	9.64	839
278.55	3.37	7.91	840	349.52	3.33	9.59	839	420.48	1.86	9.45	839
280.32	3.01	7.87	840	351.29	1.14	9.59	839	422.26	2.57	9.38	839
282.1	1.99	7.84	840	353.06	2.16	9.63	839	424.03	2.69	9.42	839
283.87	2.09	7.76	841	354.84	1.38	9.79	838	425.81	2.24	9.32	839
285.65	2.65	7.65	841	356.61	2.05	9.70	839	427.58	2.50	9.04	839
287.42	2.87	7.64	841	358.39	2.37	9.70	839	429.35	2.06	8.79	839
289.19	2.54	7.76	841	360.16	2.70	9.67	839	431.13	0.79	8.52	840
290.97	2.08	7.83	840	361.94	2.95	9.68	839	432.9	1.97	8.34	840
292.74	3.00	7.91	840	363.71	2.92	9.41	839	434.68	3.70	8.04	840
294.52	3.02	7.80	840	365.48	2.48	9.45	839	436.45	2.10	7.90	840
296.29	3.09	7.78	841	367.26	2.65	9.27	839	438.23	2.32	7.70	841
298.06	2.70	7.74	841	369.03	2.85	9.19	839	440	1.90	7.53	841
299.84	3.76	7.82	840	370.81	2.75	9.23	839				

Table 55. Distance from right bank, velocity, depth and altitude data for Sope Creek transect 1 (SO-1) (see figure 7 for location), Cobb and Fulton Counties, Georgia, September 2004.

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988; —, data not available]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
0.68	0.88	9.02	780	39.91	2.02	9.27	779	79.14	1.78	11.6	777
1.35	0.75	8.79	780	40.58	0.80	9.19	779	79.81	1.85	11.78	777
2.03	0.95	9.14	779	41.26	0.91	9.05	780	80.49	2.42	11.83	777
2.71	0.92	9.11	779	41.94	1.19	9.02	780	81.17	2.44	11.82	777
3.38	0.38	9.22	779	42.61	2.53	9.08	780	81.84	3.06	11.91	777
4.06	1.75	9.25	779	43.29	0.53	9.05	780	82.52	2.94	11.97	777
4.73	1.50	9.39	779	43.97	1.77	9.05	780	83.2	2.75	11.79	777
5.41	0.81	9.32	779	44.64	0.43	9.13	779	83.87	1.79	11.28	777
6.09	1.35	9.36	779	45.32	1.22	9.16	779	84.55	2.55	11.32	777
6.76	1.61	9.27	779	45.99	0.73	9.20	779	85.22	2.23	11.11	777
7.44	2.41	8.92	780	46.67	0.67	9.23	779	85.9	4.97	10.95	778
8.12	—	9.01	780	47.35	0.77	9.16	779	86.58	3.62	10.96	778
8.79	—	9.05	780	48.02	1.52	9.20	779	87.25	4.24	11.06	778
9.47	0.49	8.97	780	48.7	1.11	9.35	779	87.93	3.29	11.06	778
10.15	—	9.01	780	49.38	1.11	9.43	779	88.61	2.84	11.0	778
10.82	1.36	9.02	780	50.05	0.87	9.50	779	89.28	0.86	10.77	778
11.5	0.50	8.50	780	50.73	2.05	9.50	779	89.96	1.95	10.31	778
12.18	0.82	8.38	780	51.41	0.96	9.58	779	90.64	2.05	10.42	778
12.85	1.34	8.17	780	52.08	0.68	9.54	779	91.31	2.16	10.58	778
13.53	1.21	8.83	780	52.76	0.19	9.54	779	91.99	4.08	10.52	778
14.2	1.86	8.79	780	53.43	1.92	9.61	779	92.66	4.21	10.55	778
14.88	—	9.02	780	54.11	0.48	9.69	779	93.34	2.93	10.75	778
15.56	—	9.34	779	54.79	0.22	9.77	779	94.02	3.66	10.86	778
16.23	1.09	9.11	779	55.46	1.85	9.76	779	94.69	3.74	10.89	778
16.91	—	9.94	779	56.14	0.75	9.84	779	95.37	2.86	10.97	778
17.59	1.20	9.41	779	56.82	1.53	9.88	779	96.05	2.03	10.97	778
18.26	0.84	9.40	779	57.49	1.86	9.99	779	96.72	4.50	11.19	777
18.94	—	9.52	779	58.17	0.92	9.99	779	97.4	4.88	10.96	778
19.62	—	9.55	779	58.85	0.31	10.02	779	98.08	4.27	10.82	778
20.29	0.64	9.52	779	59.52	1.33	9.97	779	98.75	3.33	10.75	778
20.97	—	9.60	779	60.2	0.40	10.07	779	99.43	3.24	11.2	777
21.64	1.12	9.61	779	60.87	0.42	10.08	779	100.1	3.04	11.34	777
22.32	—	9.64	779	61.55	1.19	10.09	778	100.78	4.60	11.37	777
23.0	—	9.64	779	62.23	2.08	10.23	778	101.46	4.18	11.37	777
23.67	2.32	9.67	779	62.9	0.68	10.24	778	102.13	2.26	11.72	777
24.35	0.49	9.79	779	63.58	1.21	10.24	778	102.81	3.84	11.78	777
25.03	0.82	9.70	779	64.26	1.01	10.2	778	103.49	3.03	11.85	777
25.7	1.98	9.64	779	64.93	0.84	10.16	778	104.16	4.17	11.86	777
26.38	0.56	9.39	779	65.61	1.87	10.2	778	104.84	3.57	12.0	777
27.06	1.76	9.39	779	66.29	1.20	10.16	778	105.52	3.18	12.15	776
27.73	1.87	9.49	779	66.96	0.20	10.24	778	106.19	4.50	12.05	777
28.41	1.24	9.60	779	67.64	0.85	10.28	778	106.87	3.80	12.05	777
29.08	1.43	9.56	779	68.31	0.91	10.28	778	107.55	2.59	12.19	776
29.76	1.21	9.53	779	68.99	0.60	10.24	778	108.22	3.37	12.36	776
30.44	1.47	9.53	779	69.67	0.72	10.28	778	108.9	3.75	12.5	776
31.11	1.05	9.56	779	70.34	—	10.1	778	109.57	4.01	12.44	776
31.79	2.12	9.53	779	71.02	1.66	10.32	778	110.25	4.85	12.18	776
32.47	2.67	9.46	779	71.7	2.67	10.36	778	110.93	3.18	12.17	776
33.14	1.82	9.42	779	72.37	0.86	10.49	778	111.6	3.20	12.18	776
33.82	2.47	9.49	779	73.05	1.58	10.57	778	112.28	2.97	12.0	777
34.5	2.71	9.42	779	73.73	2.28	10.9	778	112.96	2.89	11.88	777
35.17	2.24	9.38	779	74.4	2.97	10.96	778	113.63	4.74	11.88	777
35.85	1.99	9.41	779	75.08	1.34	11.08	778	114.31	3.70	11.88	777
36.52	0.65	9.38	779	75.76	1.77	11.15	777	114.99	3.75	11.7	777
37.2	2.65	9.28	779	76.43	1.32	11.26	777	115.66	2.36	11.55	777
37.88	1.05	9.24	779	77.11	1.86	11.45	777	116.34	3.40	11.7	777
38.55	0.35	8.84	780	77.78	2.09	11.49	777	117.01	2.85	11.51	777
39.23	0.90	8.84	780	78.46	1.85	11.56	777	117.69	3.14	11.15	777

Table 55. Distance from right bank, velocity, depth and altitude data for Sope Creek transect 1 (SO-1) (see figure 7 for location), Cobb and Fulton Counties, Georgia, September 2004.—Continued

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988; —, data not available]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
118.37	2.29	11.26	777	156.92	2.22	11.77	777	195.48	2.32	9.71	779
119.04	2.88	11.15	777	157.6	2.42	11.66	777	196.15	2.54	9.59	779
119.72	—	11.43	777	158.27	1.00	11.6	777	196.83	3.31	9.53	779
120.4	4.57	11.73	777	158.95	2.09	11.59	777	197.5	2.73	9.44	779
121.07	3.40	12.02	777	159.63	4.41	11.48	777	198.18	2.31	9.37	779
121.75	2.85	12.2	776	160.3	2.15	10.95	778	198.86	1.78	9.19	779
122.43	4.11	12.24	776	160.98	0.43	10.92	778	199.53	1.44	9.07	780
123.1	4.62	12.34	776	161.66	3.17	10.88	778	200.21	1.89	9.00	780
123.78	4.76	12.59	776	162.33	3.40	10.81	778	200.89	1.97	8.89	780
124.45	3.97	12.69	776	163.01	2.35	10.41	778	201.56	1.95	8.70	780
125.13	—	12.94	776	163.69	0.79	10.63	778	202.24	3.58	8.48	780
125.81	2.08	13.04	776	164.36	0.57	10.4	778	202.92	2.34	8.26	780
126.48	2.70	13.13	775	165.04	—	10.16	778	203.59	1.64	8.13	780
127.16	2.85	13.32	775	165.71	1.81	10.16	778	204.27	1.87	7.90	781
127.84	4.52	13.41	775	166.39	2.07	10.48	778	204.94	1.47	7.75	781
128.51	1.66	13.47	775	167.07	1.93	10.49	778	205.62	0.98	7.57	781
129.19	3.66	13.54	775	167.74	1.78	10.21	778	206.3	3.01	7.50	781
129.87	2.63	13.51	775	168.42	2.68	10.12	778	206.97	1.22	7.39	781
130.54	3.11	13.47	775	169.1	1.52	9.78	779	207.65	2.41	7.32	781
131.22	2.38	13.44	775	169.77	—	9.59	779	208.33	2.32	7.17	781
131.9	1.29	13.44	775	170.45	2.28	9.44	779	209	3.93	7.10	781
132.57	3.83	13.45	775	171.13	0.82	9.11	779	209.68	1.94	6.99	782
133.25	2.82	13.45	775	171.8	3.62	8.81	780	210.36	2.14	6.91	782
133.92	3.05	13.41	775	172.48	4.23	8.88	780	211.03	1.87	6.73	782
134.6	2.41	13.34	775	173.15	3.62	8.90	780	211.71	2.61	6.73	782
135.28	2.14	13.34	775	173.83	4.23	9.11	779	212.38	0.58	6.91	782
135.95	2.81	13.41	775	174.51	4.20	9.51	779	213.06	2.22	6.87	782
136.63	3.74	13.45	775	175.18	4.54	9.65	779	213.74	2.87	6.90	782
137.31	3.61	13.34	775	175.86	4.24	9.76	779	214.41	1.44	6.90	782
137.98	4.40	13.23	775	176.54	1.23	9.81	779	215.09	2.53	6.91	782
138.66	3.33	13.15	775	177.21	2.81	9.89	779	215.77	1.88	6.91	782
139.34	2.52	13.15	775	177.89	3.52	10.06	779	216.44	3.16	6.91	782
140.01	4.32	13.01	776	178.57	2.93	10.1	778	217.12	2.24	6.88	782
140.69	3.76	12.86	776	179.24	4.05	10.05	779	217.8	2.97	6.81	782
141.36	3.69	12.79	776	179.92	4.63	10.05	779	218.47	2.49	6.81	782
142.04	2.46	12.75	776	180.59	3.41	10.02	779	219.15	2.72	6.88	782
142.72	2.69	12.65	776	181.27	5.11	10.03	779	219.83	1.62	6.99	782
143.39	4.00	12.68	776	181.95	3.88	10.1	778	220.5	1.51	6.99	782
144.07	3.31	12.76	776	182.62	2.62	10.06	779	221.18	2.42	6.95	782
144.75	4.47	12.86	776	183.3	3.94	10.03	779	221.85	2.94	6.99	782
145.42	3.83	12.86	776	183.98	3.05	9.95	779	222.53	2.75	6.95	782
146.1	4.23	12.75	776	184.65	1.97	10.06	779	223.21	1.72	6.95	782
146.78	2.81	12.75	776	185.33	2.56	9.92	779	223.88	2.51	7.02	782
147.45	3.62	12.68	776	186.01	4.66	9.92	779	224.56	1.03	6.99	782
148.13	3.42	12.68	776	186.68	3.28	9.88	779	225.24	2.21	6.99	782
148.8	4.19	12.57	776	187.36	3.61	9.88	779	225.91	1.53	6.95	782
149.48	2.29	12.53	776	188.03	3.86	9.88	779	226.59	2.41	6.99	782
150.16	2.05	12.53	776	188.71	4.34	9.88	779	227.27	—	6.95	782
150.83	2.84	12.46	776	189.39	2.57	9.88	779	227.94	0.40	6.95	782
151.51	3.15	12.42	776	190.06	3.06	9.88	779	228.62	2.22	6.87	782
152.19	4.41	12.39	776	190.74	2.52	9.82	779	229.29	1.76	6.95	782
152.86	4.47	12.39	776	191.42	3.43	9.75	779	229.97	3.35	6.95	782
153.54	3.06	12.39	776	192.09	3.75	9.75	779	230.65	2.80	6.99	782
154.22	4.60	12.27	776	192.77	2.96	9.75	779	231.32	1.66	6.92	782
154.89	3.98	12.19	776	193.45	2.50	9.71	779	232	1.95	6.96	782
155.57	4.23	12.04	777	194.12	3.05	9.67	779				
156.24	2.64	11.88	777	194.8	3.06	9.67	779				

Table 56. Distance from right bank, velocity, depth, and altitude data for Sope Creek transect 2 (SO-1) (see figure 7 for location), Cobb and Fulton Counties, Georgia, September 2004.

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988; —, data not available]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
238.92	1.71	6.81	782	194.80	2.29	6.62	782	150.67	2.03	9.19	779
237.85	2.16	6.88	782	193.72	3.43	6.62	782	149.6	—	9.01	780
236.77	2.60	6.88	782	192.65	2.27	6.66	782	148.52	5.13	8.34	780
235.7	3.99	6.88	782	191.57	2.77	6.69	782	147.44	2.33	8.07	781
234.62	2.58	6.88	782	190.49	3.04	6.87	782	146.37	2.98	7.99	781
233.54	1.56	6.84	782	189.42	3.34	6.96	782	145.29	—	7.60	781
232.47	2.57	6.91	782	188.34	2.73	6.99	782	144.22	3.11	7.54	781
231.39	2.42	6.91	782	187.26	3.71	7.07	782	143.14	2.91	7.13	781
230.31	2.03	6.91	782	186.19	2.95	7.14	781	142.06	—	8.32	780
229.24	2.26	6.96	782	185.11	2.48	7.21	781	140.99	—	8.27	780
228.16	0.93	6.96	782	184.04	1.66	7.21	781	139.91	4.24	8.44	780
227.09	1.81	6.91	782	182.96	—	7.33	781	138.83	4.42	8.93	780
226.01	1.65	6.96	782	181.88	3.79	7.43	781	137.76	3.47	9.92	779
224.93	3.78	6.96	782	180.81	3.30	7.43	781	136.68	3.65	10.88	778
223.86	1.84	6.96	782	179.73	4.33	7.47	781	135.61	—	11.92	777
222.78	1.68	6.99	782	178.65	2.92	7.93	781	134.53	—	12.46	776
221.7	2.05	6.88	782	177.58	3.39	7.89	781	133.45	—	12.87	776
220.63	1.39	6.85	782	176.5	4.65	7.96	781	132.38	3.85	13.08	776
219.55	1.43	6.92	782	175.43	3.23	8.13	780	131.3	2.19	13.04	776
218.48	2.01	6.96	782	174.35	1.84	8.89	780	130.22	3.22	12.78	776
217.4	1.50	6.91	782	173.27	1.81	8.82	780	129.15	2.70	12.9	776
216.32	1.86	6.91	782	172.2	1.96	9.06	780	128.07	3.84	12.94	776
215.25	1.22	6.84	782	171.12	1.90	9.18	779	127	4.31	12.98	776
214.17	2.08	6.88	782	170.04	3.10	9.65	779	125.92	3.73	12.86	776
213.09	2.16	6.91	782	168.97	2.56	9.69	779	124.84	2.69	12.97	776
212.02	1.22	6.95	782	167.89	—	10.1	778	123.77	4.00	12.82	776
210.94	3.95	6.95	782	166.82	2.30	10.16	778	122.69	3.39	12.83	776
209.87	2.63	6.95	782	165.74	1.25	10.31	778	121.61	3.67	12.83	776
208.79	1.94	6.95	782	164.66	2.21	10.43	778	120.54	3.60	12.71	776
207.71	1.62	6.95	782	163.59	2.48	10.6	778	119.46	4.89	12.71	776
206.64	1.97	6.95	782	162.51	3.66	10.68	778	118.39	3.10	12.78	776
205.56	1.49	6.98	782	161.44	2.37	10.93	778	117.31	3.21	12.93	776
204.48	0.58	6.92	782	160.36	1.74	11.15	777	116.23	2.98	13.04	776
203.41	1.58	6.95	782	159.28	4.02	11.15	777	115.16	2.77	13.23	775
202.33	1.44	6.91	782	158.21	2.20	11.14	777	114.08	3.32	13.34	775
201.26	2.08	6.84	782	157.13	3.26	11.07	778	113	3.52	13.45	775
200.18	2.30	6.65	782	156.05	2.70	11.33	777	111.93	5.32	13.67	775
199.1	2.78	6.53	782	154.98	3.92	11.25	777	110.85	3.46	13.64	775
198.03	2.76	6.54	782	153.9	2.04	11.11	777	109.78	4.71	13.64	775
196.95	2.18	6.69	782	152.83	3.68	10.47	778	108.7	1.47	13.75	775
195.87	2.45	6.65	782	151.75	2.26	10.05	779	107.62	3.18	13.62	775

Table 56. Distance from right bank, velocity, depth, and altitude data for Sope Creek transect 2 (SO-1) (see figure 7 for location), Cobb and Fulton Counties, Georgia, September 2004.—Continued

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988; —, data not available]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
106.55	0.84	13.43	775	69.96	3.48	11.78	777	33.36	1.46	11.58	777
105.47	2.57	13.22	775	68.88	2.50	11.66	777	32.29	2.55	11.55	777
104.39	3.43	13.25	775	67.8	2.84	11.66	777	31.21	1.73	11.36	777
103.32	4.55	13.03	776	66.73	5.10	11.58	777	30.13	0.86	11.33	777
102.24	3.86	12.73	776	65.65	5.61	11.3	777	29.06	1.32	11.25	777
101.17	2.62	12.48	776	64.57	4.54	11.26	777	27.98	1.34	11.14	777
100.09	2.30	12.41	776	63.5	2.78	11.3	777	26.91	2.24	10.87	778
99.01	3.03	12.42	776	62.42	3.97	11.07	778	25.83	1.70	10.85	778
97.94	—	11.88	777	61.35	3.71	10.96	778	24.75	2.05	10.74	778
96.86	4.31	11.74	777	60.27	4.09	11.15	777	23.68	1.48	10.67	778
95.78	1.87	11.44	777	59.19	3.50	11.01	778	22.6	0.39	10.49	778
94.71	3.36	11.5	777	58.12	1.62	11.3	777	21.52	1.23	10.42	778
93.63	3.21	11.4	777	57.04	2.85	11.22	777	20.45	0.97	10.27	778
92.56	1.19	11.81	777	55.96	3.24	11.26	777	19.37	0.89	10.2	778
91.48	1.81	11.58	777	54.89	2.19	11.33	777	18.3	2.26	10.11	778
90.4	4.66	11.55	777	53.81	2.75	11.29	777	17.22	2.45	10.23	778
89.33	3.26	11.58	777	52.74	1.95	11.44	777	16.14	0.39	10.13	778
88.25	2.39	11.92	777	51.66	2.00	11.62	777	15.07	0.11	10.2	778
87.17	1.88	12.15	776	50.58	2.18	11.7	777	13.99	0.50	10.09	778
86.1	2.72	12.25	776	49.51	3.49	11.69	777	12.91	1.34	10.16	778
85.02	3.68	12.4	776	48.43	3.31	11.69	777	11.84	—	10.2	778
83.95	3.19	12.64	776	47.35	3.28	11.77	777	10.76	0.49	10.2	778
82.87	2.68	12.45	776	46.28	1.85	11.71	777	9.69	0.47	10.2	778
81.79	2.96	12.45	776	45.2	1.92	11.7	777	8.61	2.02	10.19	778
80.72	1.26	12.48	776	44.13	3.61	11.58	777	7.53	0.63	10.27	778
79.64	3.88	12.52	776	43.05	1.44	11.51	777	6.46	0.65	10.32	778
78.57	2.97	12.53	776	41.97	3.77	11.47	777	5.38	1.18	10.26	778
77.49	1.44	12.49	776	40.9	1.11	11.52	777	4.30	0.19	10.23	778
76.41	3.08	12.42	776	39.82	3.16	11.55	777	3.23	1.66	10.23	778
75.34	3.63	12.31	776	38.74	2.75	11.66	777	2.15	0.98	10.23	778
74.26	2.84	12.13	776	37.67	1.61	11.7	777	1.08	0.47	10.13	778
73.18	2.90	11.96	777	36.59	3.34	11.74	777	0	1.19	10.12	778
72.11	3.18	11.84	777	35.52	2.81	11.74	777				
71.03	4.12	11.84	777	34.44	1.92	11.69	777				

Table 57. Distance from right bank, velocity, depth, and altitude data for Sope Creek transect 3 (SO-2) (see figure 7 for location), Cobb and Fulton Counties, Georgia, September 2004.

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988; —, data not available]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
1.13	0.43	9.08	776	47.34	1.05	9.37	775	93.55	3.11	7.55	777
2.25	0.97	9.11	776	48.46	0.76	9.52	775	94.67	2.81	7.42	777
3.38	1.55	9.15	776	49.59	1.77	9.29	775	95.8	4.86	7.36	777
4.51	1.37	9.15	776	50.72	1.51	8.99	776	96.93	5.22	7.10	778
5.64	2.44	9.18	776	51.84	1.25	8.81	776	98.05	3.09	6.92	778
6.76	2.14	9.18	776	52.97	0.70	8.82	776	99.18	4.35	6.81	778
7.89	1.99	9.14	776	54.1	2.71	8.57	776	100.31	4.47	6.84	778
9.02	0.57	9.23	775	55.23	4.47	8.41	776	101.43	4.72	6.84	778
10.14	0.67	9.19	775	56.35	3.11	8.49	776	102.56	2.63	7.01	778
11.27	0.60	9.15	776	57.48	2.30	8.45	776	103.69	3.23	7.04	778
12.4	0.89	9.23	775	58.61	3.04	8.50	776	104.82	3.86	7.20	777
13.52	1.60	9.23	775	59.73	1.94	8.46	776	105.94	3.74	7.27	777
14.65	—	9.20	775	60.86	0.82	8.45	776	107.07	2.75	7.35	777
15.78	2.04	9.27	775	61.99	3.00	8.46	776	108.2	4.50	7.61	777
16.91	1.77	9.30	775	63.11	2.95	8.46	776	109.32	3.76	7.59	777
18.03	1.60	9.30	775	64.24	3.69	8.38	776	110.45	3.09	7.62	777
19.16	1.73	9.23	775	65.37	2.04	8.42	776	111.58	3.23	7.74	777
20.29	1.77	9.27	775	66.5	3.09	8.42	776	112.7	—	7.86	777
21.41	0.93	9.34	775	67.62	1.59	8.45	776	113.83	2.54	7.90	777
22.54	1.30	9.40	775	68.75	3.39	8.45	776	114.96	4.31	7.87	777
23.67	—	9.38	775	69.88	1.37	8.49	776	116.09	3.49	7.87	777
24.8	1.55	9.48	775	71.0	1.94	8.56	776	117.21	2.11	7.90	777
25.92	0.25	9.40	775	72.13	3.89	8.60	776	118.34	3.33	7.82	777
27.05	0.71	9.40	775	73.26	2.45	8.65	776	119.47	3.27	7.86	777
28.18	1.28	9.48	775	74.39	3.25	8.81	776	120.59	3.75	7.86	777
29.3	—	9.48	775	75.51	—	8.85	776	121.72	3.52	7.82	777
30.43	1.52	9.26	775	76.64	4.22	8.97	776	122.85	4.04	7.87	777
31.56	0.88	9.26	775	77.77	2.59	8.93	776	123.98	4.57	7.83	777
32.68	2.94	9.45	775	78.89	3.59	9.00	776	125.1	3.21	7.90	777
33.81	2.55	9.55	775	80.02	—	9.09	776	126.23	3.34	7.91	777
34.94	—	9.40	775	81.15	3.42	8.97	776	127.36	2.82	7.91	777
36.07	3.27	9.14	776	82.27	2.10	8.97	776	128.48	5.19	7.90	777
37.19	2.11	9.63	775	83.4	2.50	8.94	776	129.61	3.79	7.90	777
38.32	—	9.56	775	84.53	4.62	8.96	776	130.74	3.26	7.86	777
39.45	—	9.66	775	85.66	4.45	8.86	776	131.86	2.54	7.90	777
40.57	2.30	9.78	775	86.78	3.71	8.67	776	132.99	2.61	7.83	777
41.7	—	9.80	775	87.91	1.04	8.56	776	134.12	3.44	7.94	777
42.83	1.09	9.13	776	89.04	3.36	8.38	776	135.25	4.12	8.04	777
43.95	—	9.59	775	90.16	—	8.27	776	136.37	3.78	8.01	777
45.08	—	9.65	775	91.29	2.76	7.86	777	137.5	4.58	8.05	777
46.21	1.63	9.44	775	92.42	2.20	7.89	777	138.63	—	7.97	777

Table 57. Distance from right bank, velocity, depth, and altitude data for Sope Creek transect 3 (SO-2) (see figure 7 for location), Cobb and Fulton Counties, Georgia, September 2004.—Continued

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988; —, data not available]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
139.75	3.35	8.09	777	185.96	4.72	8.77	776	232.17	4.08	9.85	775
140.88	—	8.01	777	187.09	4.97	8.92	776	233.3	4.15	10.03	775
142.01	4.27	8.19	777	188.22	4.17	9.15	776	234.43	4.16	9.87	775
143.14	1.58	8.10	777	189.34	3.93	9.22	775	235.55	3.11	9.91	775
144.26	4.50	8.36	776	190.47	5.02	9.27	775	236.68	—	9.70	775
145.39	4.45	8.46	776	191.6	3.77	9.36	775	237.81	3.58	9.73	775
146.52	5.55	8.76	776	192.73	3.61	9.48	775	238.93	—	9.82	775
147.64	4.00	9.14	776	193.85	3.00	9.51	775	240.06	3.05	9.38	775
148.77	—	9.41	775	194.98	2.52	9.55	775	241.19	4.15	9.04	776
149.9	3.05	9.83	775	196.11	4.66	9.52	775	242.32	5.21	8.92	776
151.02	3.33	9.95	775	197.23	4.65	9.56	775	243.44	3.58	8.81	776
152.15	1.89	10.06	775	198.36	4.93	9.63	775	244.57	—	9.01	776
153.28	2.99	9.94	775	199.49	3.81	9.66	775	245.7	—	8.60	776
154.41	1.73	9.99	775	200.61	3.97	9.74	775	246.82	3.72	8.46	776
155.53	2.64	9.95	775	201.74	4.26	9.70	775	247.95	2.26	8.45	776
156.66	4.03	9.99	775	202.87	3.18	9.56	775	249.08	2.40	8.49	776
157.79	5.49	9.97	775	204	—	9.48	775	250.2	4.27	8.45	776
158.91	4.40	9.99	775	205.12	3.02	9.29	775	251.33	2.38	8.60	776
160.04	3.02	9.91	775	206.25	—	10.47	774	252.46	3.85	8.49	776
161.17	3.91	9.78	775	207.38	5.13	9.54	775	253.59	3.43	8.56	776
162.3	1.89	9.70	775	208.5	3.22	9.78	775	254.71	3.71	8.53	776
163.42	4.00	9.62	775	209.63	3.91	9.54	775	255.84	3.69	8.56	776
164.55	4.12	9.52	775	210.76	2.63	9.63	775	256.97	3.32	8.49	776
165.68	4.55	9.29	775	211.89	2.93	9.91	775	258.09	2.06	8.53	776
166.8	2.11	9.06	776	213.01	3.29	9.98	775	259.22	2.74	8.49	776
167.93	3.45	9.07	776	214.14	3.01	10.15	775	260.35	2.90	8.45	776
169.06	3.52	8.77	776	215.27	3.61	10.35	774	261.48	3.69	8.49	776
170.18	—	8.75	776	216.39	4.78	10.41	774	262.6	4.48	8.49	776
171.31	3.86	8.40	776	217.52	4.15	10.31	774	263.73	2.83	8.30	776
172.44	—	8.27	776	218.65	3.75	10.28	774	264.86	1.95	8.15	777
173.57	2.82	8.30	776	219.77	1.86	10.31	774	265.98	3.72	8.06	777
174.69	2.74	8.22	776	220.9	4.85	10.25	774	267.11	2.46	7.98	777
175.82	5.75	7.93	777	222.03	4.77	10.17	775	268.24	2.15	7.94	777
176.95	2.91	8.04	777	223.16	3.77	10.17	775	269.36	3.83	7.68	777
178.07	4.17	8.01	777	224.28	4.13	10.06	775	270.49	2.71	7.51	777
179.2	4.41	7.86	777	225.41	4.30	9.83	775	271.62	3.69	7.39	777
180.33	4.22	7.89	777	226.54	3.71	9.81	775	272.75	3.39	7.36	777
181.45	4.45	8.04	777	227.66	2.87	9.81	775	273.87	2.48	7.21	777
182.58	—	8.42	776	228.79	1.67	9.96	775	275	3.52	7.21	777
183.71	3.83	8.43	776	229.92	3.31	10.06	775				
184.84	4.28	8.66	776	231.05	4.50	9.68	775				

Table 58. Distance from right bank, velocity, depth, and altitude data for Sope Creek transect 4 (SO-2) (see figure 7 for location), Cobb and Fulton Counties, Georgia, September 2004.

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988; —, data not available]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
258.82	1.86	7.10	778	207.06	2.99	8.63	776	155.29	4.01	9.74	775
257.65	2.60	7.02	778	205.88	3.48	8.63	776	154.12	3.17	9.70	775
256.47	2.19	7.02	778	204.71	3.59	8.60	776	152.94	3.67	9.78	775
255.29	2.42	7.02	778	203.53	3.64	8.67	776	151.76	3.25	9.88	775
254.12	2.74	7.02	778	202.35	3.10	8.67	776	150.59	4.60	9.92	775
252.94	2.89	7.02	778	201.18	2.40	8.71	776	149.41	3.61	9.85	775
251.76	3.80	7.02	778	200	—	8.75	776	148.24	4.31	9.73	775
250.59	2.88	7.06	778	198.82	5.05	8.83	776	147.06	4.97	9.77	775
249.41	3.10	7.03	778	197.65	4.13	8.75	776	145.88	3.26	9.62	775
248.24	3.62	7.03	778	196.47	4.27	8.79	776	144.71	3.76	9.56	775
247.06	2.27	7.00	778	195.29	3.03	8.71	776	143.53	2.27	9.41	775
245.88	3.00	6.91	778	194.12	4.46	8.48	776	142.35	2.59	9.22	775
244.71	2.22	6.91	778	192.94	3.75	8.56	776	141.18	2.86	8.96	776
243.53	0.53	8.19	776	191.76	3.27	9.06	776	140	6.10	8.89	776
242.35	0.60	7.00	778	190.59	4.61	8.67	776	138.82	2.53	8.77	776
241.18	2.28	7.07	778	189.41	—	9.30	775	137.65	3.64	8.51	776
240	1.47	7.10	778	188.24	2.72	9.44	775	136.47	3.87	8.75	776
238.82	2.26	7.10	778	187.06	3.81	9.47	775	135.29	—	8.79	776
237.65	2.32	7.17	778	185.88	3.24	9.73	775	134.12	3.38	8.74	776
236.47	2.25	7.14	778	184.71	3.12	9.99	775	132.94	—	9.12	776
235.29	—	7.24	777	183.53	3.73	9.98	775	131.76	4.26	9.15	776
234.12	0.78	7.10	778	182.35	4.91	9.90	775	130.59	1.82	9.37	775
232.94	2.59	7.10	778	181.18	4.28	9.88	775	129.41	—	9.42	775
231.76	2.65	7.18	778	180	2.68	9.81	775	128.24	5.70	9.33	775
230.59	2.27	7.10	778	178.82	3.09	9.92	775	127.06	3.29	9.33	775
229.41	1.73	7.13	778	177.65	3.37	10.07	775	125.88	2.18	8.96	776
228.24	1.65	7.06	778	176.47	4.69	10.1	775	124.71	3.83	8.59	776
227.06	1.38	7.21	777	175.29	3.89	10.17	775	123.53	3.69	8.40	776
225.88	3.91	7.28	777	174.12	3.28	10.31	774	122.35	—	8.53	776
224.71	0.44	7.24	777	172.94	4.00	10.32	774	121.18	—	7.83	777
223.53	2.35	7.21	777	171.76	4.50	10.17	775	120	—	7.83	777
222.35	1.48	7.25	777	170.59	4.79	10.02	775	118.82	4.96	7.78	777
221.18	2.81	7.39	777	169.41	4.36	10.08	775	117.65	4.61	8.00	777
220	2.00	7.43	777	168.24	4.86	10.45	774	116.47	5.10	8.05	777
218.82	2.43	7.51	777	167.06	3.03	10.45	774	115.29	—	8.05	777
217.65	1.52	7.58	777	165.88	4.39	10.24	774	114.12	3.87	8.00	777
216.47	3.20	7.72	777	164.71	4.24	10.02	775	112.94	4.18	7.97	777
215.29	2.15	7.89	777	163.53	2.79	9.70	775	111.76	2.80	7.82	777
214.12	1.88	8.12	777	162.35	4.97	9.68	775	110.59	2.57	7.75	777
212.94	3.46	8.30	776	161.18	—	9.70	775	109.41	3.41	7.64	777
211.76	2.86	8.34	776	160	2.40	9.84	775	108.24	4.38	7.90	777
210.59	3.88	8.34	776	158.82	—	9.11	776	107.06	3.94	7.86	777
209.41	—	8.56	776	157.65	3.62	9.54	775	105.88	2.96	7.78	777
208.24	2.74	8.56	776	156.47	4.26	9.63	775	104.71	—	7.76	777

Table 58. Distance from right bank, velocity, depth, and altitude data for Sope Creek transect 4 (SO-2) (see figure 7 for location), Cobb and Fulton Counties, Georgia, September 2004.—Continued

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988; —, data not available]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
103.53	4.03	7.78	777	68.24	3.96	7.10	778	32.94	2.69	8.45	776
102.35	4.26	7.74	777	67.06	3.81	7.25	777	31.76	3.52	8.42	776
101.18	4.69	7.71	777	65.88	3.19	7.57	777	30.59	2.46	8.49	776
100	4.78	7.78	777	64.71	3.23	7.46	777	29.41	2.57	8.55	776
98.82	3.67	7.71	777	63.53	3.28	7.61	777	28.24	3.72	8.55	776
97.65	4.10	7.67	777	62.35	4.07	7.73	777	27.06	5.29	8.60	776
96.47	2.13	7.73	777	61.18	3.74	7.71	777	25.88	3.15	8.71	776
95.29	3.81	7.62	777	60.0	3.70	7.86	777	24.71	3.27	9.08	776
94.12	4.10	7.43	777	58.82	4.54	7.97	777	23.53	2.37	9.08	776
92.94	2.02	7.31	777	57.65	2.72	8.34	776	22.35	—	9.33	775
91.76	2.95	7.24	777	56.47	1.64	8.34	776	21.18	2.87	9.38	775
90.59	3.40	7.21	777	55.29	1.85	8.42	776	20.0	1.79	9.63	775
89.41	4.43	7.18	778	54.12	3.98	8.56	776	18.82	0.77	9.59	775
88.24	4.83	7.06	778	52.94	3.14	8.55	776	17.65	1.75	9.62	775
87.06	3.10	6.95	778	51.76	3.16	8.60	776	16.47	0.46	9.59	775
85.88	1.98	6.98	778	50.59	1.77	8.68	776	15.29	—	9.52	775
84.71	5.46	7.10	778	49.41	2.85	8.83	776	14.12	—	9.66	775
83.53	4.27	7.13	778	48.24	4.47	8.86	776	12.94	2.30	9.40	775
82.35	2.93	7.06	778	47.06	—	8.94	776	11.76	1.73	9.25	775
81.18	3.09	7.10	778	45.88	—	8.74	776	10.59	2.15	9.18	776
80.0	5.99	7.05	778	44.71	2.10	8.71	776	9.41	1.28	9.30	775
78.82	3.43	6.94	778	43.53	3.76	8.74	776	8.24	2.35	9.41	775
77.65	4.79	7.02	778	42.35	2.75	8.67	776	7.06	1.69	9.07	776
76.47	3.78	7.09	778	41.18	4.69	8.60	776	5.88	2.56	9.15	776
75.29	3.87	7.05	778	40.0	2.51	8.53	776	4.71	—	9.30	775
74.12	3.96	7.05	778	38.82	2.34	8.53	776	3.53	1.16	9.11	776
72.94	3.43	7.05	778	37.65	4.47	8.49	776	2.35	1.85	9.07	776
71.76	3.88	6.98	778	36.47	3.49	8.50	776	1.18	2.61	9.20	775
70.59	3.69	6.94	778	35.29	1.62	8.56	776	0	1.05	9.22	775
69.41	4.56	6.99	778	34.12	3.21	8.52	776				

Table 59. Distance from right bank, velocity, depth, and altitude data for Sope Creek transect 5 (SO-3) (see figure 7 for location), Cobb and Fulton Counties, Georgia, September 2004.

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988; —, data not available]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
1.03	1.46	6.89	778	54.53	2.76	6.65	778	108.04	5.18	6.99	778
2.06	2.31	6.93	778	55.56	2.33	6.63	778	109.07	7.16	7.10	778
3.09	1.49	6.97	778	56.59	3.02	6.65	778	110.1	3.09	7.10	778
4.12	1.57	7.04	778	57.62	—	—	—	111.13	4.05	7.18	778
5.14	1.24	7.04	778	58.65	1.85	6.26	779	112.15	7.03	7.17	778
6.17	1.37	7.04	778	59.68	1.48	5.99	779	113.18	6.61	6.94	778
7.20	1.70	7.04	778	60.71	—	—	—	114.21	5.62	6.99	778
8.23	2.13	7.04	778	61.74	2.34	6.33	779	115.24	5.12	7.03	778
9.26	2.26	7.11	778	62.77	1.11	6.07	779	116.27	6.15	6.92	778
10.29	0.99	7.03	778	63.79	2.10	6.26	779	117.3	4.24	6.99	778
11.32	1.80	7.00	778	64.82	0.33	6.18	779	118.33	5.43	6.95	778
12.35	0.75	7.03	778	65.85	0.94	6.11	779	119.36	5.50	6.96	778
13.38	2.49	7.07	778	66.88	2.91	5.89	779	120.39	5.84	7.02	778
14.41	2.63	7.07	778	67.91	3.11	5.74	779	121.41	3.91	7.03	778
15.43	2.28	7.11	778	68.94	1.68	5.69	779	122.44	4.21	7.06	778
16.46	1.92	7.11	778	69.97	3.46	5.55	779	123.47	4.21	7.13	778
17.49	2.08	7.04	778	71.0	2.17	5.28	780	124.5	5.53	7.17	778
18.52	3.36	7.04	778	72.03	2.71	5.13	780	125.53	6.40	7.18	778
19.55	2.32	7.04	778	73.05	0.99	5.09	780	126.56	4.87	7.18	778
20.58	3.47	7.04	778	74.08	1.54	5.03	780	127.59	3.91	7.14	778
21.61	2.62	7.04	778	75.11	1.36	4.96	780	128.62	3.52	7.28	778
22.64	2.07	7.04	778	76.14	—	—	—	129.65	4.17	7.17	778
23.67	0.55	7.08	778	77.17	—	—	—	130.68	5.02	7.07	778
24.69	1.28	7.08	778	78.2	3.46	6.16	779	131.7	3.23	6.96	778
25.72	1.01	7.08	778	79.23	1.47	6.60	778	132.73	4.65	6.88	778
26.75	2.14	7.08	778	80.26	4.37	6.73	778	133.76	5.51	6.87	778
27.78	1.21	7.08	778	81.29	3.92	6.98	778	134.79	4.97	6.84	778
28.81	2.76	7.12	778	82.32	4.08	7.07	778	135.82	4.85	6.81	778
29.84	2.77	7.09	778	83.34	4.90	7.13	778	136.85	5.10	6.81	778
30.87	1.11	7.09	778	84.37	4.71	7.10	778	137.88	4.43	6.69	778
31.9	0.82	7.15	778	85.4	4.76	7.10	778	138.91	4.05	6.69	778
32.93	0.42	7.15	778	86.43	5.08	7.10	778	139.94	4.83	6.61	778
33.95	1.72	7.07	778	87.46	4.67	7.21	778	140.96	5.95	6.58	778
34.98	3.77	7.07	778	88.49	4.80	7.25	778	141.99	4.65	6.69	778
36.01	1.45	7.07	778	89.52	4.99	7.13	778	143.02	3.54	6.61	778
37.04	2.84	7.15	778	90.55	4.41	7.25	778	144.05	3.62	6.58	778
38.07	2.08	7.24	778	91.58	3.60	7.28	778	145.08	2.90	6.69	778
39.1	2.00	7.24	778	92.6	3.53	7.24	778	146.11	3.85	6.73	778
40.13	0.69	7.24	778	93.63	3.57	7.18	778	147.14	4.48	6.77	778
41.16	0.31	7.24	778	94.66	3.85	7.10	778	148.17	4.05	6.80	778
42.19	0.64	7.15	778	95.69	5.01	7.06	778	149.2	3.02	6.81	778
43.22	0.02	7.13	778	96.72	5.51	7.10	778	150.23	6.23	6.87	778
44.24	2.49	7.18	778	97.75	5.16	6.99	778	151.25	4.23	6.87	778
45.27	1.93	7.14	778	98.78	3.59	6.91	778	152.28	4.29	6.90	778
46.3	1.99	7.10	778	99.81	—	—	—	153.31	4.23	6.99	778
47.33	1.54	6.94	778	100.84	3.26	6.69	778	154.34	3.61	6.99	778
48.36	1.47	6.91	778	101.87	3.97	6.73	778	155.37	3.94	6.95	778
49.39	1.42	7.05	778	102.89	3.18	6.84	778	156.4	4.97	7.13	778
50.42	2.07	6.95	778	103.92	5.00	6.99	778	157.43	4.25	7.25	778
51.45	1.38	6.87	778	104.95	4.82	6.84	778	158.46	4.80	7.25	778
52.48	0.60	6.91	778	105.98	4.66	6.95	778	159.49	7.52	7.29	778
53.5	2.83	6.84	778	107.01	—	—	—	160.51	3.24	7.31	778

Table 59. Distance from right bank, velocity, depth, and altitude data for Sope Creek transect 5 (SO-3) (see figure 7 for location), Cobb and Fulton Counties, Georgia, September 2004.—Continued

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988; —, data not available]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
161.54	3.85	7.40	778	215.05	4.76	7.13	778	268.55	4.21	6.53	778
162.57	3.57	7.36	778	216.08	4.27	7.17	778	269.58	—	—	—
163.6	3.61	7.28	778	217.11	2.55	7.35	778	270.61	3.92	6.75	778
164.63	4.05	7.25	778	218.14	1.62	7.21	778	271.64	—	—	—
165.66	4.08	7.22	778	219.16	3.78	7.24	778	272.67	—	—	—
166.69	3.87	7.02	778	220.19	—	—	—	273.7	—	—	—
167.72	5.34	6.99	778	221.22	4.16	7.25	778	274.73	3.89	5.99	779
168.75	4.18	6.91	778	222.25	4.27	7.36	778	275.76	—	—	—
169.77	5.19	6.95	778	223.28	1.33	7.13	778	276.78	4.44	6.38	779
170.8	3.60	6.91	778	224.31	3.86	6.99	778	277.81	4.20	6.53	778
171.83	2.65	6.85	778	225.34	3.13	7.18	778	278.84	2.94	6.98	778
172.86	3.25	6.84	778	226.37	3.16	6.84	778	279.87	3.09	7.16	778
173.89	3.44	6.80	778	227.4	3.37	6.73	778	280.9	4.08	7.31	778
174.92	1.64	6.72	778	228.42	2.33	6.95	778	281.93	3.53	7.50	777
175.95	1.78	6.69	778	229.45	4.27	6.81	778	282.96	2.88	7.43	778
176.98	5.08	6.77	778	230.48	5.01	6.99	778	283.99	3.74	7.43	778
178.01	4.72	6.65	778	231.51	2.43	7.14	778	285.02	3.67	7.51	777
179.04	4.70	6.55	778	232.54	4.52	7.17	778	286.05	2.59	7.47	777
180.06	3.35	6.58	778	233.57	4.79	6.90	778	287.07	2.44	7.28	778
181.09	3.88	6.58	778	234.6	2.95	6.42	779	288.1	4.19	7.17	778
182.12	2.12	6.91	778	235.63	—	—	—	289.13	3.21	6.83	778
183.15	3.34	6.57	778	236.66	3.55	6.21	779	290.16	2.46	6.64	778
184.18	4.51	6.80	778	237.68	—	—	—	291.19	1.88	6.46	779
185.21	4.91	7.06	778	238.71	—	—	—	292.22	4.04	6.14	779
186.24	2.74	7.13	778	239.74	3.87	6.40	779	293.25	5.42	5.92	779
187.27	2.39	7.17	778	240.77	3.13	6.61	778	294.28	4.01	5.93	779
188.3	4.61	7.18	778	241.8	3.09	6.65	778	295.31	5.04	6.07	779
189.32	3.33	7.21	778	242.83	4.10	6.43	779	296.33	4.16	6.03	779
190.35	4.37	7.24	778	243.86	4.05	6.32	779	297.36	3.07	6.14	779
191.38	5.12	7.28	778	244.89	—	—	—	298.39	2.33	6.31	779
192.41	4.53	7.14	778	245.92	3.45	5.84	779	299.42	2.98	6.42	779
193.44	4.91	6.96	778	246.95	4.99	5.45	780	300.45	3.66	6.47	778
194.47	4.10	7.02	778	247.97	—	—	—	301.48	4.05	6.47	778
195.5	3.60	7.06	778	249	3.53	6.77	778	302.51	4.62	6.50	778
196.53	1.47	7.31	778	250.03	3.46	7.10	778	303.54	3.31	6.54	778
197.56	3.60	7.42	778	251.06	3.57	7.06	778	304.57	2.58	6.59	778
198.59	3.04	7.29	778	252.09	2.01	7.40	778	305.59	2.97	6.55	778
199.61	3.21	7.45	778	253.12	1.71	7.31	778	306.62	4.13	6.65	778
200.64	2.96	7.24	778	254.15	1.85	7.21	778	307.65	3.94	6.62	778
201.67	4.04	7.31	778	255.18	—	—	—	308.68	4.41	6.62	778
202.7	6.44	7.27	778	256.21	3.92	6.60	778	309.71	2.97	6.55	778
203.73	3.09	7.40	778	257.23	1.54	6.77	778	310.74	1.62	6.55	778
204.76	2.86	7.39	778	258.26	—	—	—	311.77	1.20	6.62	778
205.79	2.27	7.61	777	259.29	3.22	6.83	778	312.8	0.40	6.62	778
206.82	4.58	7.51	777	260.32	3.58	6.69	778	313.83	2.43	6.69	778
207.85	4.29	7.36	778	261.35	3.60	6.76	778	314.86	1.36	6.80	778
208.87	4.21	7.40	778	262.38	2.74	6.44	779	315.88	1.27	6.91	778
209.9	—	—	—	263.41	4.75	6.51	778	316.91	2.05	7.06	778
210.93	3.14	6.93	778	264.44	—	—	—	317.94	1.60	7.06	778
211.96	4.48	6.79	778	265.47	—	—	—	318.97	1.95	7.14	778
212.99	3.41	6.86	778	266.5	—	—	—	320	3.04	7.18	778
214.02	2.64	6.77	778	267.52	2.48	7.35	778				

Table 60. Distance from right bank, velocity, depth, and altitude data for Sope Creek transect 6 (SO-3) (see figure 7 for location), Cobb and Fulton Counties, Georgia, September 2004.

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988; —, data not available]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
310.76	1.86	6.20	779	257.31	2.41	6.99	778	203.86	2.98	7.13	778
309.51	1.23	6.16	779	256.06	0.76	7.07	778	202.61	—	7.18	778
308.27	1.59	6.20	779	254.82	1.19	6.95	778	201.37	—	6.46	779
307.03	1.24	6.25	779	253.58	1.28	6.55	778	200.13	5.08	6.28	779
305.78	1.40	6.25	779	252.33	0.85	5.97	779	198.88	3.60	6.43	779
304.54	2.11	6.24	779	251.09	1.74	5.86	779	197.64	0.68	6.53	778
303.3	2.61	6.24	779	249.85	4.03	6.13	779	196.4	2.47	6.62	778
302.06	3.48	6.25	779	248.61	3.27	6.31	779	195.16	3.57	6.73	778
300.81	3.26	6.32	779	247.36	3.71	6.43	779	193.91	3.33	6.84	778
299.57	1.64	6.35	779	246.12	3.30	6.46	779	192.67	—	6.76	778
298.33	1.97	6.28	779	244.88	4.67	6.36	779	191.43	—	5.93	779
297.08	1.32	6.26	779	243.63	3.22	6.24	779	190.18	—	5.70	779
295.84	1.14	6.25	779	242.39	2.57	6.20	779	188.94	3.44	6.02	779
294.6	0.95	6.35	779	241.15	5.02	6.27	779	187.7	3.10	5.91	779
293.35	2.01	6.35	779	239.9	4.71	6.28	779	186.45	—	6.18	779
292.11	3.25	6.38	779	238.66	5.55	6.27	779	185.21	2.94	6.10	779
290.87	2.38	6.46	779	237.42	3.16	6.38	779	183.97	3.98	6.36	779
289.63	1.52	6.39	779	236.18	2.67	6.46	779	182.73	2.63	6.27	779
288.38	1.78	6.46	779	234.93	4.02	6.47	779	181.48	2.97	6.61	778
287.14	2.49	6.47	779	233.69	3.23	6.69	778	180.24	3.64	6.48	778
285.9	2.07	6.47	779	232.45	2.30	6.69	778	179	—	6.66	778
284.65	1.29	6.47	779	231.2	4.34	6.69	778	177.75	1.97	6.58	778
283.41	1.81	6.43	779	229.96	4.09	6.91	778	176.51	1.73	6.79	778
282.17	0.78	6.45	779	228.72	3.41	6.83	778	175.27	3.64	6.73	778
280.92	1.60	6.47	779	227.47	4.24	6.62	778	174.02	4.79	6.83	778
279.68	1.78	6.47	779	226.23	4.63	6.62	778	172.78	4.30	7.02	778
278.44	2.71	6.47	779	224.99	3.16	6.80	778	171.54	—	7.03	778
277.2	1.77	6.48	778	223.75	4.80	6.91	778	170.29	4.08	7.06	778
275.95	0.75	6.43	779	222.5	4.84	6.94	778	169.05	4.39	7.13	778
274.71	1.20	6.48	778	221.26	1.87	7.24	778	167.81	3.34	6.91	778
273.47	0.49	6.55	778	220.02	3.87	7.31	778	166.57	3.91	6.99	778
272.22	1.62	6.59	778	218.77	2.30	7.58	777	165.32	1.46	6.84	778
270.98	2.36	6.66	778	217.53	—	7.51	777	164.08	4.21	6.80	778
269.74	1.67	6.80	778	216.29	2.84	7.66	777	162.84	4.99	6.77	778
268.49	1.89	6.92	778	215.04	2.44	7.66	777	161.59	3.47	6.70	778
267.25	3.42	6.96	778	213.8	3.87	7.74	777	160.35	2.89	6.91	778
266.01	1.62	7.00	778	212.56	4.90	7.64	777	159.11	2.99	7.02	778
264.76	0.60	7.03	778	211.31	2.73	7.69	777	157.86	4.22	7.05	778
263.52	1.51	7.17	778	210.07	4.65	7.67	777	156.62	2.60	7.14	778
262.28	4.58	7.13	778	208.83	2.40	7.62	777	155.38	2.86	7.28	778
261.04	2.11	7.13	778	207.59	2.29	7.59	777	154.14	5.65	7.06	778
259.79	2.13	7.17	778	206.34	2.58	7.47	778	152.89	4.07	6.95	778
258.55	1.32	7.09	778	205.1	3.46	7.21	778	151.65	5.14	7.09	778

Table 60. Distance from right bank, velocity, depth, and altitude data for Sope Creek transect 6 (SO-3) (see figure 7 for location), Cobb and Fulton Counties, Georgia, September 2004.—Continued

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988; —, data not available]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
150.41	2.97	6.84	778	99.44	4.64	6.87	778	48.48	3.56	7.07	778
149.16	2.61	7.13	778	98.2	5.11	6.95	778	47.24	5.03	6.99	778
147.92	5.15	7.17	778	96.96	5.55	6.73	778	45.99	5.45	6.87	778
146.68	3.16	7.07	778	95.71	4.15	6.87	778	44.75	4.97	7.02	778
145.43	3.10	7.20	778	94.47	3.15	7.00	778	43.51	3.29	7.03	778
144.19	2.35	6.91	778	93.23	5.69	6.99	778	42.26	6.09	7.02	778
142.95	4.48	6.91	778	91.98	1.45	6.99	778	41.02	4.97	7.10	778
141.71	3.43	7.14	778	90.74	2.26	7.02	778	39.78	4.79	7.03	778
140.46	3.48	6.84	778	89.5	3.79	6.99	778	38.53	5.28	7.05	778
139.22	—	6.62	778	88.25	3.81	6.84	778	37.29	5.20	6.80	778
137.98	—	6.56	778	87.01	5.00	6.65	778	36.05	5.31	6.95	778
136.73	3.42	6.43	779	85.77	6.01	6.55	778	34.8	3.97	7.00	778
135.49	3.34	6.88	778	84.53	4.78	6.46	779	33.56	3.92	6.92	778
134.25	5.52	6.81	778	83.28	5.42	6.66	778	32.32	5.02	6.84	778
133	—	6.76	778	82.04	4.84	6.80	778	31.08	4.86	6.99	778
131.76	4.55	7.13	778	80.8	4.36	6.80	778	29.83	3.83	7.02	778
130.52	5.44	7.13	778	79.55	4.47	6.88	778	28.59	3.98	7.06	778
129.27	4.76	7.13	778	78.31	3.58	6.84	778	27.35	3.82	7.14	778
128.03	—	6.84	778	77.07	5.32	6.90	778	26.1	4.19	7.14	778
126.79	—	6.99	778	75.82	5.22	6.72	778	24.86	3.70	7.25	778
125.55	3.98	6.99	778	74.58	5.13	6.92	778	23.62	3.44	7.32	778
124.3	—	6.46	779	73.34	4.25	6.95	778	22.37	4.29	7.27	778
123.06	4.49	7.02	778	72.1	4.60	6.88	778	21.13	5.76	7.18	778
121.82	5.08	7.07	778	70.85	3.94	6.85	778	19.89	2.91	7.21	778
120.57	6.46	6.95	778	69.61	5.25	6.88	778	18.65	2.43	7.06	778
119.33	3.56	6.95	778	68.37	4.64	6.85	778	17.4	4.41	7.06	778
118.09	5.58	7.03	778	67.12	4.83	6.78	778	16.16	3.06	6.82	778
116.84	6.52	6.99	778	65.88	3.83	6.69	778	14.92	—	6.31	779
115.6	5.02	6.87	778	64.64	5.40	6.62	778	13.67	1.29	6.16	779
114.36	—	6.77	778	63.39	4.10	6.47	779	12.43	—	5.85	779
113.12	—	6.65	778	62.15	4.33	6.55	778	11.19	1.97	5.09	780
111.87	3.79	6.18	779	60.91	6.61	6.61	778	9.94	—	5.59	779
110.63	—	6.27	779	59.67	4.85	6.59	778	8.70	2.11	5.55	779
109.39	—	5.66	779	58.42	5.75	6.58	778	7.46	—	5.94	779
108.14	—	5.19	780	57.18	5.95	6.69	778	6.22	2.31	5.98	779
106.9	5.39	5.94	779	55.94	4.12	6.84	778	4.97	2.77	6.03	779
105.66	4.05	6.39	779	54.69	4.85	6.96	778	3.73	4.13	6.28	779
104.41	4.82	6.64	778	53.45	5.14	6.95	778	2.49	1.80	6.40	779
103.17	6.04	6.69	778	52.21	4.42	7.07	778	1.24	—	6.43	779
101.93	4.56	6.69	778	50.96	5.85	7.14	778	0	3.22	6.65	778
100.69	4.85	6.90	778	49.72	6.45	7.09	778				

Table 61. Distance from right bank, velocity, depth, and altitude data for Sope Creek transect 7 (S0-4) (see figure 7 for location), Cobb and Fulton Counties, Georgia, September 2004.

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988; —, data not available]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
1.17	3.50	6.00	776	46.78	3.84	6.25	775	92.4	—	9.49	772
2.34	3.20	6.00	776	47.95	3.43	6.28	775	93.57	3.75	9.66	772
3.51	3.16	6.00	776	49.12	2.67	6.28	775	94.73	2.25	9.84	772
4.68	2.47	6.00	776	50.29	2.63	6.36	775	95.9	3.21	9.52	772
5.85	1.79	6.00	776	51.46	3.21	6.36	775	97.07	4.31	9.33	772
7.02	2.73	6.00	776	52.63	3.21	6.40	775	98.24	2.75	9.34	772
8.19	2.35	6.00	776	53.8	3.47	6.50	775	99.41	—	9.49	772
9.36	1.71	6.00	776	54.97	1.32	6.57	775	100.58	5.79	9.33	772
10.53	1.76	6.00	776	56.14	2.25	6.65	775	101.75	4.77	9.49	772
11.7	2.94	6.03	776	57.31	3.09	6.83	775	102.92	3.79	9.62	772
12.87	2.40	5.99	776	58.48	4.16	7.01	775	104.09	2.46	9.43	772
14.03	1.59	5.96	776	59.65	2.77	7.24	775	105.26	4.00	9.52	772
15.2	3.65	5.96	776	60.82	4.71	7.39	774	106.43	5.16	9.52	772
16.37	2.39	5.92	776	61.99	2.63	7.46	774	107.6	4.26	9.38	772
17.54	1.39	5.96	776	63.16	3.70	7.76	774	108.77	—	9.49	772
18.71	3.60	6.00	776	64.33	3.39	7.67	774	109.94	2.65	9.45	772
19.88	2.81	5.80	776	65.5	3.68	7.73	774	111.11	—	9.31	772
21.05	—	6.08	776	66.67	3.20	7.79	774	112.28	2.30	9.15	773
22.22	2.19	5.99	776	67.83	3.63	7.74	774	113.45	—	9.31	772
23.39	3.68	6.02	776	69.0	4.31	7.78	774	114.62	4.23	9.32	772
24.56	1.01	5.99	776	70.17	2.71	8.19	774	115.79	—	9.15	773
25.73	3.19	5.99	776	71.34	2.10	8.26	773	116.96	—	9.05	773
26.9	2.97	5.96	776	72.51	4.47	8.27	773	118.13	—	9.05	773
28.07	1.69	5.96	776	73.68	3.61	8.34	773	119.3	—	9.25	773
29.24	2.17	6.00	776	74.85	5.01	8.41	773	120.47	3.50	9.04	773
30.41	2.48	6.03	776	76.02	3.38	8.45	773	121.63	—	8.92	773
31.58	2.94	6.15	776	77.19	5.85	8.60	773	122.8	4.32	8.64	773
32.75	0.85	6.11	776	78.36	3.63	8.67	773	123.97	2.66	8.38	773
33.92	0.64	6.15	776	79.53	4.90	8.83	773	125.14	—	8.61	773
35.09	0.87	6.15	776	80.7	3.98	9.14	773	126.31	—	8.39	773
36.26	2.71	6.15	776	81.87	4.05	9.29	772	127.48	—	8.42	773
37.43	1.83	6.18	776	83.04	4.68	9.51	772	128.65	2.74	8.29	773
38.6	2.79	6.11	776	84.21	4.78	9.74	772	129.82	3.19	8.12	774
39.77	1.56	6.12	776	85.38	—	9.55	772	130.99	3.64	8.04	774
40.93	—	6.19	776	86.55	7.31	9.52	772	132.16	5.71	8.04	774
42.1	2.01	5.91	776	87.72	—	9.49	772	133.33	3.01	8.30	773
43.27	2.10	6.28	775	88.89	6.22	9.40	772	134.5	4.50	8.04	774
44.44	3.39	6.31	775	90.06	4.85	9.47	772	135.67	—	8.31	773
45.61	3.63	6.29	775	91.23	3.76	9.47	772	136.84	3.56	8.27	773

Table 61. Distance from right bank, velocity, depth, and altitude data for Sope Creek transect 7 (SO-4) (see figure 7 for location), Cobb and Fulton Counties, Georgia, September 2004.—Continued

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988; —, data not available]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
138.01	3.68	8.34	773	182.45	1.35	9.33	772	226.9	4.80	7.81	774
139.18	3.93	8.04	774	183.62	3.16	9.48	772	228.07	2.31	7.59	774
140.35	2.43	8.12	774	184.79	4.77	9.40	772	229.23	2.93	7.65	774
141.52	—	8.31	773	185.96	3.85	9.30	772	230.4	2.97	7.58	774
142.69	5.54	8.26	773	187.13	4.15	9.37	772	231.57	2.26	7.41	774
143.86	—	8.27	773	188.3	4.04	9.33	772	232.74	2.01	7.40	774
145.03	2.78	8.19	774	189.47	4.34	9.30	772	233.91	2.56	7.35	774
146.2	—	8.12	774	190.64	3.12	9.15	773	235.08	2.45	7.10	775
147.37	2.31	8.16	774	191.81	4.00	9.04	773	236.25	3.17	6.99	775
148.53	3.26	8.22	774	192.98	1.90	8.70	773	237.42	3.16	6.55	775
149.7	3.40	8.22	774	194.15	2.33	8.70	773	238.59	2.75	6.40	775
150.87	4.59	8.21	774	195.32	2.84	8.64	773	239.76	5.71	6.13	776
152.04	2.19	8.59	773	196.49	2.76	8.50	773	240.93	4.11	5.88	776
153.21	5.24	8.67	773	197.66	4.40	8.18	774	242.1	4.17	5.61	776
154.38	—	8.62	773	198.83	—	8.23	774	243.27	5.52	5.36	776
155.55	4.45	8.74	773	200	3.94	7.97	774	244.44	4.26	5.10	777
156.72	4.08	8.93	773	201.17	—	8.19	774	245.61	—	5.37	776
157.89	3.31	9.10	773	202.33	—	7.61	774	246.78	4.28	5.44	776
159.06	3.88	9.20	773	203.5	1.64	7.70	774	247.95	4.30	5.47	776
160.23	—	9.34	772	204.67	—	7.80	774	249.12	4.82	5.55	776
161.4	2.84	9.32	772	205.84	—	7.75	774	250.29	4.80	5.45	776
162.57	4.50	9.39	772	207.01	3.35	7.73	774	251.46	4.00	5.44	776
163.74	3.86	9.51	772	208.18	—	8.08	774	252.63	4.04	5.44	776
164.91	—	9.30	772	209.35	5.55	8.21	774	253.8	1.11	5.55	776
166.08	4.14	9.52	772	210.52	6.35	8.29	773	254.97	2.92	5.58	776
167.25	4.65	9.44	772	211.69	2.33	8.30	773	256.13	4.24	5.66	776
168.42	3.67	9.55	772	212.86	2.10	8.34	773	257.3	4.36	5.66	776
169.59	3.34	9.45	772	214.03	2.87	8.56	773	258.47	3.33	5.66	776
170.76	3.98	9.44	772	215.2	3.61	8.55	773	259.64	4.42	5.62	776
171.93	2.92	9.63	772	216.37	—	8.57	773	260.81	2.77	5.54	776
173.1	2.85	9.63	772	217.54	2.87	8.56	773	261.98	2.74	5.47	776
174.27	4.65	9.59	772	218.71	3.95	8.56	773	263.15	2.87	5.30	776
175.43	3.44	9.59	772	219.88	4.94	8.53	773	264.32	2.34	5.22	777
176.6	2.22	9.48	772	221.05	4.55	8.42	773	265.49	—	5.18	777
177.77	2.73	9.59	772	222.22	0.81	8.42	773	266.66	—	5.11	777
178.94	1.47	9.45	772	223.39	3.10	8.20	774	267.83	—	4.55	777
180.11	3.64	9.48	772	224.56	2.33	7.97	774	269	—	4.34	777
181.28	3.12	9.48	772	225.73	5.00	7.98	774				

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Table 62. Distance from right bank, velocity, depth, and altitude data for Sope Creek transect 8 (SO-4) (see figure 7 for location), Cobb and Fulton Counties, Georgia, September 2004.

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988; —, data not available]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
299.86	0.18	3.71	778	248.35	1.20	5.51	776	196.85	2.13	5.30	776
298.71	1.69	3.75	778	247.21	0.49	5.55	776	195.71	2.48	5.30	776
297.57	0.59	3.72	778	246.06	0.41	5.59	776	194.56	2.43	5.29	776
296.42	0.75	3.78	778	244.92	0.60	5.58	776	193.42	2.74	5.26	776
295.28	1.40	3.90	778	243.78	1.07	5.65	776	192.27	2.63	5.21	777
294.13	1.57	3.90	778	242.63	0.85	5.65	776	191.13	—	5.29	776
292.99	2.27	3.90	778	241.49	1.57	5.75	776	189.98	3.48	5.29	776
291.84	1.63	3.97	778	240.34	1.76	5.75	776	188.84	4.37	5.38	776
290.7	1.33	3.97	778	239.2	0.34	5.71	776	187.7	3.59	5.37	776
289.56	0.99	3.97	778	238.05	1.02	5.68	776	186.55	4.04	5.40	776
288.41	1.98	4.01	778	236.91	1.66	5.64	776	185.41	3.84	5.51	776
287.27	0.31	4.04	778	235.76	1.78	5.68	776	184.26	2.74	5.51	776
286.12	0.92	4.13	778	234.62	2.01	5.71	776	183.12	2.93	5.44	776
284.98	1.30	4.16	778	233.48	0.90	5.78	776	181.97	3.36	5.55	776
283.83	0.59	4.17	778	232.33	0.92	5.82	776	180.83	2.31	5.59	776
282.69	1.07	4.21	778	231.19	1.85	5.79	776	179.68	3.11	5.62	776
281.54	1.96	4.14	778	230.04	2.30	5.80	776	178.54	4.02	5.62	776
280.4	1.44	4.17	778	228.9	0.98	5.80	776	177.4	2.69	5.66	776
279.25	1.56	4.17	778	227.75	1.13	5.79	776	176.25	5.27	5.66	776
278.11	1.11	4.17	778	226.61	1.72	5.83	776	175.11	3.85	5.77	776
276.97	1.65	4.17	778	225.46	1.96	5.98	776	173.96	3.98	5.77	776
275.82	0.52	4.21	778	224.32	1.75	5.98	776	172.82	4.12	5.77	776
274.68	1.19	4.25	777	223.17	2.02	5.97	776	171.67	3.83	5.83	776
273.53	0.47	4.25	778	222.03	2.02	5.83	776	170.53	2.63	5.95	776
272.39	1.42	4.29	777	220.89	2.07	5.72	776	169.38	3.22	5.95	776
271.24	1.89	4.33	777	219.74	3.51	5.65	776	168.24	2.80	5.99	776
270.1	2.15	4.44	777	218.6	3.48	5.54	776	167.1	3.19	6.02	776
268.95	1.16	4.51	777	217.45	2.61	5.43	776	165.95	4.14	6.05	776
267.81	1.26	4.59	777	216.31	1.68	5.32	776	164.81	3.25	6.09	776
266.67	0.38	4.65	777	215.16	2.72	5.28	776	163.66	3.89	6.20	776
265.52	0.05	4.73	777	214.02	1.83	5.18	777	162.52	4.13	6.21	776
264.38	1.55	4.77	777	212.87	3.05	5.13	777	161.37	1.93	6.20	776
263.23	2.11	4.84	777	211.73	2.93	5.03	777	160.23	4.29	6.24	776
262.09	1.21	4.88	777	210.59	2.63	5.03	777	159.08	3.78	6.28	775
260.94	0.68	4.88	777	209.44	2.03	5.07	777	157.94	4.56	6.31	775
259.8	2.02	4.87	777	208.3	—	5.18	777	156.79	4.59	6.31	775
258.65	0.56	4.99	777	207.15	—	5.29	776	155.65	3.55	6.31	775
257.51	2.06	5.03	777	206.01	4.03	5.26	776	154.51	2.51	6.28	775
256.37	1.45	5.11	777	204.86	0.96	5.32	776	153.36	2.53	6.24	776
255.22	1.04	5.26	776	203.72	2.44	5.26	776	152.22	4.86	6.12	776
254.08	0.90	5.25	777	202.57	—	5.32	776	151.07	3.01	6.01	776
252.93	1.52	5.25	777	201.43	3.58	5.29	776	149.93	3.00	5.89	776
251.79	1.25	5.31	776	200.29	2.01	5.29	776	148.78	4.54	5.71	776
250.64	1.85	5.37	776	199.14	2.67	5.32	776	147.64	3.99	5.61	776
249.5	2.42	5.44	776	198	2.98	5.29	776	146.49	4.91	5.47	776

Table 62. Distance from right bank, velocity, depth, and altitude data for Sope Creek transect 8 (SO-4) (see figure 7 for location), Cobb and Fulton Counties, Georgia, September 2004.—Continued

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988; —, data not available]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
145.35	4.53	5.32	776	96.14	1.39	9.21	773	46.92	4.92	8.38	773
144.21	4.13	5.33	776	94.99	2.56	9.31	772	45.78	3.43	8.12	774
143.06	—	5.30	776	93.85	4.10	9.09	773	44.63	—	8.38	773
141.92	3.72	5.61	776	92.7	2.51	9.06	773	43.49	2.90	8.88	773
140.77	5.06	5.80	776	91.56	1.40	8.81	773	42.35	—	8.80	773
139.63	2.99	5.98	776	90.41	3.04	9.01	773	41.2	—	8.98	773
138.48	—	6.36	775	89.27	—	9.03	773	40.06	3.37	8.99	773
137.34	—	6.54	775	88.13	2.83	9.09	773	38.91	—	9.40	772
136.19	4.07	6.78	775	86.98	—	8.75	773	37.77	5.96	9.37	772
135.05	4.00	6.94	775	85.84	4.97	8.83	773	36.62	2.74	10.15	772
133.9	4.09	7.10	775	84.69	2.78	8.73	773	35.48	5.94	9.13	773
132.76	4.30	7.31	774	83.55	2.19	8.80	773	34.33	4.57	9.17	773
131.62	3.42	7.53	774	82.4	4.25	8.70	773	33.19	4.67	9.46	772
130.47	5.65	7.72	774	81.26	2.71	8.49	773	32.05	5.19	9.38	772
129.33	5.39	7.82	774	80.11	2.97	8.77	773	30.9	5.00	9.20	773
128.18	4.67	7.89	774	78.97	3.69	8.77	773	29.76	3.46	9.24	773
127.04	5.90	7.97	774	77.83	2.69	8.66	773	28.61	3.97	9.50	772
125.89	3.64	8.04	774	76.68	3.30	8.58	773	27.47	4.38	9.39	772
124.75	4.44	7.97	774	75.54	—	8.70	773	26.32	4.53	9.32	772
123.6	3.34	8.12	774	74.39	4.41	8.56	773	25.18	4.08	9.39	772
122.46	2.70	8.34	773	73.25	—	8.67	773	24.03	—	9.48	772
121.32	2.69	8.45	773	72.1	2.34	8.32	773	22.89	4.40	9.50	772
120.17	3.57	8.48	773	70.96	3.79	8.26	773	21.75	3.05	9.47	772
119.03	3.65	8.66	773	69.81	3.08	8.12	774	20.6	3.55	9.43	772
117.88	6.06	8.73	773	68.67	4.14	7.87	774	19.46	1.56	9.50	772
116.74	3.38	8.84	773	67.52	3.90	7.63	774	18.31	—	9.80	772
115.59	4.90	8.85	773	66.38	—	7.86	774	17.17	2.82	9.88	772
114.45	3.98	8.92	773	65.24	—	7.79	774	16.02	4.58	9.91	772
113.3	3.52	8.88	773	64.09	4.05	7.62	774	14.88	3.84	9.84	772
112.16	2.48	8.92	773	62.95	3.91	7.94	774	13.73	2.98	10.02	772
111.02	2.57	8.88	773	61.8	4.18	8.53	773	12.59	3.97	9.74	772
109.87	2.73	8.84	773	60.66	2.91	8.48	773	11.44	5.12	9.71	772
108.73	3.03	8.91	773	59.51	3.44	8.22	774	10.3	—	9.88	772
107.58	3.75	9.06	773	58.37	—	8.19	774	9.16	5.05	9.68	772
106.44	4.54	9.10	773	57.22	—	8.30	773	8.01	3.95	9.72	772
105.29	2.57	8.94	773	56.08	4.31	8.36	773	6.87	4.92	9.68	772
104.15	—	9.00	773	54.94	5.91	7.98	774	5.72	—	9.58	772
103	3.39	9.10	773	53.79	—	8.27	773	4.58	4.48	9.62	772
101.86	—	9.11	773	52.65	5.03	8.16	774	3.43	3.88	9.64	772
100.71	2.18	9.13	773	51.5	4.01	8.19	774	2.29	4.53	9.60	772
99.57	1.52	9.21	773	50.36	3.82	8.01	774	1.14	4.89	9.34	772
98.43	3.98	9.32	772	49.21	4.09	8.14	774	0	4.97	9.27	772
97.28	0.86	9.28	772	48.07	2.84	8.19	774				

Table 63. Distance from right bank, velocity, depth, and altitude data for Sope Creek transect 9 (SO-5) (see figure 7 for location), Cobb and Fulton Counties, Georgia, September 2004.

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988; —, data not available]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
1.26	2.46	6.29	776	51.76	2.98	5.56	777	102.25	—	9.91	772
2.52	2.79	6.28	776	53.02	1.97	5.63	776	103.51	3.70	10.03	772
3.79	2.60	6.25	776	54.28	2.17	5.59	777	104.78	4.82	10.03	772
5.05	2.11	6.25	776	55.54	3.11	5.56	777	106.04	5.98	9.87	772
6.31	2.38	6.21	776	56.81	3.29	5.55	777	107.3	—	9.94	772
7.57	2.05	6.21	776	58.07	2.01	5.56	777	108.56	3.58	10.03	772
8.84	2.96	6.17	776	59.33	1.95	5.56	777	109.83	4.12	10.06	772
10.1	0.55	6.13	776	60.59	3.01	5.52	777	111.09	—	10.06	772
11.36	1.07	6.10	776	61.86	3.29	5.48	777	112.35	3.44	10.0	772
12.62	1.06	6.10	776	63.12	3.57	5.45	777	113.61	5.83	10.06	772
13.89	—	6.28	776	64.38	3.00	5.37	777	114.88	3.68	9.99	772
15.15	1.76	6.06	776	65.64	1.62	5.30	777	116.14	6.33	9.98	772
16.41	1.73	6.06	776	66.91	2.46	5.34	777	117.4	5.07	9.68	772
17.67	1.77	6.10	776	68.17	—	5.37	777	118.66	6.69	9.51	773
18.94	1.57	6.13	776	69.43	—	5.48	777	119.93	5.77	9.37	773
20.2	3.29	6.10	776	70.69	—	5.40	777	121.19	5.04	9.42	773
21.46	3.39	6.07	776	71.96	—	5.84	776	122.45	—	9.18	773
22.72	1.77	6.00	776	73.22	—	6.28	776	123.71	4.62	9.63	772
23.99	2.72	5.95	776	74.48	2.47	8.15	774	124.98	2.21	9.59	773
25.25	2.40	5.95	776	75.74	4.12	8.74	773	126.24	—	9.53	773
26.51	1.10	5.95	776	77.0	4.49	8.97	773	127.5	—	9.45	773
27.77	2.38	5.95	776	78.27	3.17	9.08	773	128.76	—	9.50	773
29.03	1.96	5.92	776	79.53	3.45	9.14	773	130.02	4.33	9.36	773
30.3	0.69	5.92	776	80.79	3.22	9.18	773	131.29	3.86	9.17	773
31.56	1.22	5.88	776	82.05	—	9.41	773	132.55	—	9.33	773
32.82	1.18	5.88	776	83.32	2.79	9.34	773	133.81	4.62	9.45	773
34.08	2.03	5.85	776	84.58	3.44	9.42	773	135.07	—	9.30	773
35.35	2.58	5.88	776	85.84	4.80	9.42	773	136.34	—	9.21	773
36.61	3.38	5.88	776	87.1	—	9.50	773	137.6	3.46	9.32	773
37.87	1.72	5.88	776	88.37	—	9.61	773	138.86	3.31	9.42	773
39.13	3.32	5.88	776	89.63	3.85	9.43	773	140.12	4.69	9.76	772
40.4	3.35	5.84	776	90.89	3.99	9.49	773	141.39	2.33	9.94	772
41.66	2.10	5.77	776	92.15	1.94	9.63	772	142.65	4.53	9.84	772
42.92	2.60	5.70	776	93.42	3.60	9.60	773	143.91	2.75	10.03	772
44.18	1.94	5.66	776	94.68	—	9.64	772	145.17	4.48	9.91	772
45.45	3.44	5.63	776	95.94	5.03	9.85	772	146.44	2.75	10.1	772
46.71	1.77	5.56	777	97.2	—	10.03	772	147.7	4.57	10.04	772
47.97	—	5.56	777	98.47	2.50	9.96	772	148.96	3.39	9.92	772
49.23	3.21	5.52	777	99.73	—	10.21	772	150.22	5.38	9.96	772
50.5	1.08	5.48	777	100.99	3.05	10.09	772	151.49	3.52	10.02	772

Table 63. Distance from right bank, velocity, depth, and altitude data for Sope Creek transect 9 (SO-5) (see figure 7 for location), Cobb and Fulton Counties, Georgia, September 2004.—Continued

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988; —, data not available]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
152.75	4.40	9.90	772	188.09	4.33	8.91	773	223.44	1.65	8.05	774
154.01	4.55	9.88	772	189.36	3.73	8.99	773	224.70	2.76	8.08	774
155.27	6.04	9.67	772	190.62	3.94	8.84	773	225.97	3.64	7.97	774
156.53	5.61	9.80	772	191.88	4.22	8.88	773	227.23	3.36	7.82	774
157.8	—	9.69	772	193.14	3.53	8.77	773	228.49	2.66	7.94	774
159.06	3.11	9.73	772	194.41	—	8.51	774	229.75	3.26	8.04	774
160.32	2.79	9.70	772	195.67	1.90	8.17	774	231.01	2.42	7.93	774
161.58	2.11	9.70	772	196.93	—	7.86	774	232.28	—	7.93	774
162.85	—	9.39	773	198.19	4.83	7.64	774	233.54	1.94	7.82	774
164.11	1.90	9.35	773	199.46	—	7.61	775	234.8	—	7.64	774
165.37	1.40	9.07	773	200.72	3.90	7.68	774	236.06	—	7.55	775
166.63	5.59	8.74	773	201.98	3.60	7.86	774	237.33	—	5.50	777
167.9	—	8.96	773	203.24	4.26	8.04	774	238.59	—	6.13	776
169.16	—	9.00	773	204.5	—	8.08	774	239.85	0.60	6.77	775
170.42	3.47	8.84	773	205.77	5.21	8.01	774	241.11	—	7.34	775
171.68	3.43	8.85	773	207.03	3.52	8.24	774	242.38	—	7.21	775
172.95	1.45	8.96	773	208.29	3.64	8.19	774	243.64	2.20	7.27	775
174.21	3.39	8.77	773	209.55	2.98	7.78	774	244.9	1.35	7.48	775
175.47	4.07	8.99	773	210.82	3.59	7.86	774	246.16	1.51	7.67	774
176.73	3.99	8.91	773	212.08	2.00	7.42	775	247.43	2.70	7.75	774
178	2.17	9.00	773	213.34	—	7.39	775	248.69	0.57	7.79	774
179.26	2.65	8.95	773	214.6	3.47	7.60	775	249.95	1.86	7.63	774
180.52	4.59	8.91	773	215.87	2.78	8.08	774	251.21	1.63	7.68	774
181.78	—	9.02	773	217.13	2.67	8.19	774	252.48	1.17	7.62	774
183.04	—	9.04	773	218.39	3.35	8.23	774	253.74	0.52	7.72	774
184.31	5.41	9.03	773	219.65	—	8.16	774	255	2.75	8.05	774
185.57	3.40	8.95	773	220.92	5.24	8.09	774				
186.83	3.46	9.00	773	222.18	2.77	7.82	774				

Table 64. Distance from right bank, velocity, depth, and altitude data for Sope Creek transect 10 (SO-5) (see figure 7 for location), Cobb and Fulton Counties, Georgia, September 2004.

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988; —, data not available]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
258.85	1.91	8.05	774	204.78	1.56	8.26	774	150.71	3.45	8.62	773
257.7	1.75	8.00	774	203.63	1.12	8.07	774	149.56	2.63	8.73	773
256.55	1.28	8.05	774	202.48	1.46	8.02	774	148.41	2.64	8.40	774
255.4	1.64	8.13	774	201.33	0.65	7.94	774	147.26	2.70	8.45	774
254.25	1.59	8.13	774	200.18	2.05	7.47	775	146.11	2.45	8.56	774
253.1	1.09	8.09	774	199.03	1.50	7.60	775	144.96	4.29	8.85	773
251.95	1.36	8.08	774	197.88	0.95	7.38	775	143.81	2.74	8.77	773
250.8	1.24	8.12	774	196.73	1.59	6.94	775	142.65	2.36	8.81	773
249.65	1.90	8.08	774	195.58	1.97	6.58	776	141.5	3.88	9.25	773
248.5	2.92	8.08	774	194.42	0.33	6.42	776	140.35	2.27	9.17	773
247.35	1.23	8.09	774	193.27	1.18	6.10	776	139.2	3.94	9.05	773
246.19	1.32	8.09	774	192.12	—	5.58	777	138.05	2.31	8.96	773
245.04	0.97	8.09	774	190.97	—	5.73	776	136.9	2.37	9.07	773
243.89	0.48	8.05	774	189.82	—	6.02	776	135.75	3.78	9.06	773
242.74	0.95	8.05	774	188.67	—	7.18	775	134.6	3.76	9.05	773
241.59	1.02	8.05	774	187.52	1.72	7.41	775	133.45	—	9.02	773
240.44	0.74	8.05	774	186.37	0.72	7.49	775	132.3	—	9.00	773
239.29	3.18	8.05	774	185.22	0.26	7.98	774	131.15	4.06	8.88	773
238.14	0.79	8.09	774	184.07	—	8.15	774	130	3.10	9.02	773
236.99	0.85	8.05	774	182.92	4.09	8.05	774	128.85	3.63	8.43	774
235.84	0.96	8.09	774	181.77	1.81	8.24	774	127.7	2.85	8.99	773
234.69	1.33	8.05	774	180.62	3.08	8.20	774	126.55	2.56	9.02	773
233.54	1.72	8.05	774	179.47	2.65	7.55	775	125.4	—	9.21	773
232.39	1.13	8.05	774	178.32	2.50	8.05	774	124.25	—	8.69	773
231.24	1.54	8.08	774	177.17	2.53	8.28	774	123.1	4.28	9.07	773
230.09	1.21	7.98	774	176.02	—	8.12	774	121.95	5.27	8.91	773
228.94	2.18	8.01	774	174.87	—	7.60	775	120.8	—	8.81	773
227.79	2.54	8.09	774	173.72	2.57	8.35	774	119.65	2.64	8.80	773
226.64	2.24	8.12	774	172.57	3.17	8.42	774	118.5	3.30	8.45	774
225.49	1.10	8.09	774	171.42	—	8.16	774	117.35	4.44	8.52	774
224.34	1.04	8.12	774	170.27	1.93	8.11	774	116.19	0.89	8.59	774
223.19	1.68	8.05	774	169.12	2.68	8.12	774	115.04	3.62	8.87	773
222.04	1.04	8.15	774	167.96	2.20	7.97	774	113.89	1.65	10.44	772
220.89	0.51	8.19	774	166.81	—	7.58	775	112.74	2.28	9.05	773
219.73	1.73	8.27	774	165.66	3.86	7.85	774	111.59	6.16	9.61	773
218.58	2.78	8.28	774	164.51	—	7.90	774	110.44	5.47	9.32	773
217.43	0.85	8.31	774	163.36	—	7.24	775	109.29	3.57	9.05	773
216.28	1.94	8.31	774	162.21	3.59	7.67	774	108.14	—	9.35	773
215.13	1.55	8.35	774	161.06	3.68	7.78	774	106.99	—	9.47	773
213.98	1.32	8.42	774	159.91	3.36	8.19	774	105.84	5.24	9.21	773
212.83	2.21	8.52	774	158.76	4.50	8.27	774	104.69	—	9.24	773
211.68	1.83	8.52	774	157.61	4.39	8.46	774	103.54	3.81	9.53	773
210.53	1.36	8.38	774	156.46	4.29	8.55	774	102.39	3.68	9.62	773
209.38	1.78	8.38	774	155.31	2.83	8.63	773	101.24	4.32	9.83	772
208.23	0.40	8.45	774	154.16	3.02	8.64	773	100.09	5.38	9.91	772
207.08	1.36	8.41	774	153.01	3.12	8.77	773	98.94	4.20	9.73	772
205.93	1.88	8.37	774	151.86	4.17	8.69	773	97.79	3.29	9.84	772

Table 64. Distance from right bank, velocity, depth, and altitude data for Sope Creek transect 10 (SO-5) (see figure 7 for location), Cobb and Fulton Counties, Georgia, September 2004.—Continued

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988; —, data not available]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
96.64	4.09	9.73	772	63.27	2.98	10.11	772	29.91	4.08	8.95	773
95.49	3.66	9.72	772	62.12	2.25	10.0	772	28.76	3.31	8.88	773
94.34	3.23	9.84	772	60.97	1.47	10.08	772	27.61	4.06	8.89	773
93.19	3.18	9.68	772	59.82	2.00	10.0	772	26.46	3.35	8.73	773
92.04	3.10	9.53	773	58.67	2.89	9.80	772	25.31	1.60	8.52	774
90.89	5.39	9.54	773	57.52	4.79	9.98	772	24.16	—	8.19	774
89.73	3.59	9.39	773	56.37	6.51	9.92	772	23.01	—	8.31	774
88.58	4.06	9.28	773	55.22	—	10.03	772	21.86	—	7.38	775
87.43	4.54	9.39	773	54.07	—	9.75	772	20.71	—	6.65	775
86.28	4.30	9.42	773	52.92	—	9.77	772	19.56	—	5.84	776
85.13	—	9.36	773	51.77	3.79	9.93	772	18.41	—	5.59	777
83.98	3.09	9.25	773	50.62	2.60	9.91	772	17.26	2.41	5.62	777
82.83	—	9.03	773	49.47	2.58	9.98	772	16.11	0.75	5.62	777
81.68	6.75	9.03	773	48.32	2.80	9.97	772	14.96	3.79	5.62	777
80.53	—	9.36	773	47.17	—	10.02	772	13.81	2.11	5.65	776
79.38	4.51	9.36	773	46.02	4.19	9.71	772	12.65	2.81	5.69	776
78.23	3.62	9.42	773	44.87	2.59	9.83	772	11.5	2.69	5.70	776
77.08	4.57	9.42	773	43.72	3.53	9.50	773	10.35	2.41	5.72	776
75.93	4.54	9.39	773	42.57	—	9.13	773	9.20	3.08	5.69	776
74.78	—	9.19	773	41.42	4.33	9.24	773	8.05	2.89	5.69	776
73.63	—	9.59	773	40.27	4.61	9.20	773	6.90	2.18	5.69	776
72.48	—	9.58	773	39.12	4.90	9.06	773	5.75	2.62	5.59	777
71.33	—	9.50	773	37.96	4.25	9.28	773	4.60	2.31	5.59	777
70.18	6.35	9.54	773	36.81	5.28	9.28	773	3.45	1.63	5.48	777
69.03	6.19	9.69	772	35.66	2.82	9.22	773	2.30	1.21	5.44	777
67.88	4.75	9.61	773	34.51	3.91	9.09	773	1.15	2.71	5.45	777
66.73	—	9.95	772	33.36	—	9.17	773	0	3.09	5.49	777
65.58	—	9.99	772	32.21	5.18	9.14	773				
64.42	4.25	10.03	772	31.06	4.11	9.03	773				

Table 65. Distance from right bank, velocity, depth, and altitude data for Sope Creek transect 11 (SO-6) (see figure 7 for location), Cobb and Fulton Counties, Georgia, September 2004.

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988; —, data not available]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
1.57	3.57	8.52	779	84.76	5.05	9.51	778	167.95	2.44	9.76	778
3.14	2.86	8.49	779	86.33	4.39	9.24	778	169.52	4.34	9.46	778
4.71	1.42	8.52	779	87.9	4.94	9.35	778	171.09	3.23	9.28	778
6.28	1.20	8.54	779	89.47	4.72	9.42	778	172.66	2.46	9.47	778
7.85	1.13	8.51	779	91.04	5.30	9.72	778	174.23	3.60	9.68	778
9.42	0.91	8.59	779	92.61	—	9.84	778	175.8	3.05	9.59	778
10.99	2.15	8.55	779	94.18	4.51	10.0	778	177.37	4.23	9.79	778
12.56	2.08	8.48	779	95.75	5.96	10.29	777	178.94	3.71	9.94	778
14.13	—	8.36	779	97.32	6.52	10.29	777	180.51	3.03	10.16	777
15.7	1.62	8.49	779	98.89	4.76	10.16	777	182.08	2.47	9.96	778
17.27	—	8.35	779	100.46	5.14	10.45	777	183.65	4.10	9.76	778
18.84	—	8.27	779	102.03	3.71	10.08	778	185.22	4.65	9.61	778
20.41	2.14	8.56	779	103.6	3.88	10.32	777	186.78	3.83	9.71	778
21.97	3.00	8.63	779	105.16	4.82	10.33	777	188.35	4.94	9.53	778
23.54	1.52	8.59	779	106.73	5.70	10.18	777	189.92	—	9.63	778
25.11	0.75	8.64	779	108.3	—	10.11	778	191.49	—	9.59	778
26.68	1.80	8.68	779	109.87	—	10.33	777	193.06	4.07	9.60	778
28.25	2.18	8.64	779	111.44	3.80	10.19	777	194.63	1.91	9.76	778
29.82	1.56	8.56	779	113.01	4.61	10.03	778	196.2	3.12	9.87	778
31.39	1.68	8.52	779	114.58	2.27	10.07	778	197.77	3.64	9.79	778
32.96	0.86	8.70	779	116.15	3.63	10.15	778	199.34	—	9.74	778
34.53	1.95	8.74	779	117.72	4.47	10.05	778	200.91	3.70	9.65	778
36.1	1.73	8.74	779	119.29	—	9.70	778	202.48	—	9.55	778
37.67	3.73	8.77	779	120.86	—	9.77	778	204.05	1.68	9.51	778
39.24	1.77	8.45	779	122.43	4.51	9.69	778	205.62	—	9.25	778
40.81	—	8.89	779	124	4.37	9.87	778	207.19	—	9.25	778
42.38	2.72	8.53	779	125.57	4.83	9.92	778	208.76	4.01	9.27	778
43.95	1.91	8.78	779	127.14	2.90	9.94	778	210.33	—	9.34	778
45.52	—	8.70	779	128.71	5.10	9.95	778	211.9	1.20	9.53	778
47.09	—	8.60	779	130.28	4.62	9.84	778	213.47	4.94	9.61	778
48.66	1.26	8.67	779	131.85	4.30	9.88	778	215.04	4.61	9.36	778
50.23	—	8.66	779	133.42	5.88	9.80	778	216.61	4.22	9.47	778
51.8	—	8.52	779	134.99	3.40	9.76	778	218.18	2.25	9.35	778
53.37	1.14	8.49	779	136.56	4.04	9.61	778	219.75	3.27	9.24	778
54.94	2.18	8.12	780	138.13	—	9.69	778	221.32	2.96	9.32	778
56.51	1.22	7.96	780	139.7	3.67	9.68	778	222.89	2.97	8.46	779
58.08	—	7.93	780	141.27	—	9.88	778	224.46	0.70	8.19	779
59.65	—	7.65	780	142.84	3.14	9.91	778	226.03	—	8.05	780
61.22	1.22	6.88	781	144.41	—	9.79	778	227.59	0.37	7.38	780
62.78	—	7.04	781	145.97	5.71	10.02	778	229.16	1.20	6.91	781
64.35	—	7.25	780	147.54	4.59	9.86	778	230.73	1.71	6.76	781
65.92	—	6.32	781	149.11	4.39	10.02	778	232.3	1.14	6.08	782
67.49	2.65	7.05	781	150.68	2.79	10.0	778	233.87	1.69	5.79	782
69.06	—	8.26	779	152.25	3.98	9.78	778	235.44	1.80	5.58	782
70.63	3.07	9.09	779	153.82	4.49	10.02	778	237.01	1.65	5.58	782
72.2	2.95	9.28	778	155.39	3.24	10.02	778	238.58	1.42	5.69	782
73.77	1.80	9.47	778	156.96	4.07	9.96	778	240.15	0.76	5.53	782
75.34	3.96	9.61	778	158.53	2.06	9.84	778	241.72	1.42	5.50	782
76.91	2.65	9.50	778	160.1	2.61	9.79	778	243.29	1.49	5.47	782
78.48	2.39	9.54	778	161.67	1.99	9.84	778	244.86	2.75	5.47	782
80.05	5.31	9.43	778	163.24	—	9.82	778	246.43	1.35	5.69	782
81.62	5.64	9.40	778	164.81	—	9.78	778	248	2.64	5.79	782
83.19	5.90	9.46	778	166.38	—	9.22	778				

Table 66. Distance from right bank, velocity, depth, and altitude data for Sope Creek transect 12 (SO-6) (see figure 7 for location), Cobb and Fulton Counties, Georgia, September 2004.

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988; —, data not available]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
251.66	3.19	5.26	782	198.12	3.13	8.36	779	144.57	3.87	9.76	778
250.32	1.73	5.51	782	196.78	2.93	8.91	779	143.23	2.28	9.69	778
248.98	0.59	5.48	782	195.44	3.31	9.07	779	141.89	3.43	9.64	778
247.65	0.64	5.51	782	194.1	2.58	9.03	779	140.56	2.62	9.38	778
246.31	2.31	5.29	782	192.76	2.72	9.21	778	139.22	1.81	9.42	778
244.97	2.93	5.40	782	191.42	3.55	9.29	778	137.88	3.47	9.07	779
243.63	1.64	5.12	783	190.08	2.61	9.14	779	136.54	2.63	9.01	779
242.29	0.33	5.32	782	188.75	2.97	9.27	778	135.2	—	11.1	777
240.95	0.41	5.29	782	187.41	3.73	9.43	778	133.86	1.91	9.05	779
239.61	2.13	5.29	782	186.07	2.13	9.54	778	132.52	—	9.34	778
238.28	1.81	5.34	782	184.73	3.00	9.50	778	131.19	—	9.68	778
236.94	1.58	5.34	782	183.39	4.51	9.50	778	129.85	2.12	9.91	778
235.6	2.49	5.34	782	182.05	2.98	9.62	778	128.51	2.30	10.02	778
234.26	2.71	5.31	782	180.71	—	9.69	778	127.17	3.34	10.11	778
232.92	1.78	5.36	782	179.38	2.14	9.54	778	125.83	4.28	10.19	777
231.58	1.24	5.46	782	178.04	3.45	9.58	778	124.49	3.60	10.26	777
230.24	1.49	5.50	782	176.7	—	9.18	778	123.15	4.05	10.29	777
228.9	1.04	5.61	782	175.36	3.08	9.46	778	121.81	4.47	10.48	777
227.57	1.96	5.54	782	174.02	—	8.76	779	120.48	3.27	10.41	777
226.23	1.85	5.54	782	172.68	3.70	9.21	778	119.14	3.55	10.29	777
224.89	2.47	5.51	782	171.34	—	9.40	778	117.80	3.28	10.37	777
223.55	—	5.62	782	170.01	3.01	9.31	778	116.46	2.75	10.44	777
222.21	1.86	5.72	782	168.67	2.61	9.21	778	115.12	4.12	10.39	777
220.87	—	5.83	782	167.33	—	8.74	779	113.78	2.96	9.99	778
219.53	1.43	5.60	782	165.99	—	9.21	778	112.44	3.94	10.0	778
218.2	—	5.04	783	164.65	2.57	9.07	779	111.11	2.77	9.90	778
216.86	—	5.84	782	163.31	4.05	9.14	779	109.77	4.07	9.98	778
215.52	—	6.05	782	161.97	2.09	9.07	779	108.43	2.97	9.90	778
214.18	—	6.28	781	160.63	2.21	9.39	778	107.09	3.97	9.92	778
212.84	—	6.28	781	159.3	5.00	9.54	778	105.75	5.11	10.08	778
211.5	—	5.94	782	157.96	—	9.07	779	104.41	6.89	10.0	778
210.16	—	5.92	782	156.62	4.48	9.35	778	103.07	4.32	9.96	778
208.83	—	5.44	782	155.28	3.50	9.46	778	101.74	4.20	10.02	778
207.49	—	5.78	782	153.94	4.50	9.09	779	100.4	2.85	9.90	778
206.15	—	6.53	781	152.6	—	9.38	778	99.06	—	10.08	778
204.81	1.29	6.97	781	151.26	3.17	9.32	778	97.72	5.22	9.94	778
203.47	2.44	6.85	781	149.93	3.99	9.25	778	96.38	3.60	10.29	777
202.13	—	6.40	781	148.59	2.27	9.20	778	95.04	3.84	10.16	777
200.79	—	8.37	779	147.25	3.90	9.58	778	93.7	4.08	10.39	777
199.46	3.93	8.22	779	145.91	3.63	9.62	778	92.37	—	10.38	777

Table 66. Distance from right bank, velocity, depth, and altitude data for Sope Creek transect 12 (SO-6) (see figure 7 for location), Cobb and Fulton Counties, Georgia, September 2004.—Continued

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988; —, data not available]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
91.03	3.19	10.41	777	60.24	3.84	9.62	778	29.45	2.26	8.49	779
89.69	5.58	10.29	777	58.9	2.85	9.50	778	28.11	2.24	8.56	779
88.35	4.78	10.26	777	57.56	—	9.49	778	26.77	2.34	8.62	779
87.01	4.32	10.59	777	56.22	—	9.69	778	25.43	0.59	9.06	779
85.67	4.66	10.48	777	54.88	3.95	9.46	778	24.1	1.43	8.74	779
84.33	6.10	10.51	777	53.54	2.60	9.39	778	22.76	1.83	8.74	779
82.99	4.93	10.51	777	52.21	1.46	9.28	778	21.42	2.20	8.67	779
81.66	3.97	10.32	777	50.87	1.88	9.17	778	20.08	1.34	8.63	779
80.32	3.87	10.26	777	49.53	1.41	8.25	779	18.74	1.27	8.62	779
78.98	4.23	10.25	777	48.19	2.48	8.67	779	17.4	1.08	8.55	779
77.64	3.95	10.18	777	46.85	2.48	8.34	779	16.06	0.86	8.59	779
76.3	4.48	9.94	778	45.51	—	8.17	779	14.72	0.93	8.52	779
74.96	—	9.93	778	44.17	—	8.01	780	13.39	1.88	8.55	779
73.62	—	9.80	778	42.84	—	8.05	780	12.05	0.60	8.56	779
72.29	4.78	9.79	778	41.5	—	8.20	779	10.71	1.14	8.66	779
70.95	5.62	9.72	778	40.16	—	7.63	780	9.37	2.42	8.70	779
69.61	4.44	9.73	778	38.82	—	7.86	780	8.03	0.72	8.73	779
68.27	4.94	9.65	778	37.48	—	8.34	779	6.69	1.07	8.70	779
66.93	3.44	9.61	778	36.14	—	8.31	779	5.35	0.67	8.77	779
65.59	5.03	9.66	778	34.8	3.55	8.31	779	4.02	1.42	8.85	779
64.25	4.82	9.61	778	33.47	2.25	8.37	779	2.68	2.30	8.88	779
62.92	4.66	9.64	778	32.13	1.73	8.55	779	1.34	2.01	8.88	779
61.58	4.28	9.51	778	30.79	2.81	8.59	779	0	1.17	8.91	779

Table 67. Distance from right bank, velocity, depth, and altitude data for Sope Creek transect 13 (SO-7) (see figure 7 for location), Cobb and Fulton Counties, Georgia, September 2004.

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988; —, data not available]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
1.41	3.37	6.32	783	85.88	2.98	10.45	779	170.35	2.17	9.28	780
2.82	2.64	6.09	784	87.28	4.92	10.3	779	171.75	3.31	8.95	781
4.22	2.95	6.03	784	88.69	4.55	9.93	780	173.16	2.79	9.28	780
5.63	2.77	5.45	784	90.1	5.32	9.91	780	174.57	1.75	9.09	781
7.04	1.34	5.83	784	91.51	3.64	9.91	780	175.98	1.91	9.09	781
8.45	0.73	5.99	784	92.92	3.89	9.90	780	177.39	2.81	9.11	781
9.85	1.19	6.13	784	94.32	4.09	9.69	780	178.79	2.01	9.57	780
11.26	1.15	5.27	784	95.73	3.07	10.04	780	180.2	3.41	9.27	780
12.67	1.13	6.10	784	97.14	4.75	10.0	780	181.61	3.33	8.92	781
14.08	4.33	4.97	785	98.55	4.52	10.07	780	183.02	3.46	8.61	781
15.49	3.28	5.06	785	99.96	5.33	10.18	779	184.42	3.23	8.27	781
16.89	0.77	6.33	783	101.36	3.71	10.07	780	185.83	1.82	8.52	781
18.3	2.06	6.40	783	102.77	4.30	10.11	780	187.24	3.35	8.55	781
19.71	3.36	6.35	783	104.18	4.27	9.86	780	188.65	1.36	8.64	781
21.12	0.46	6.31	783	105.59	4.69	9.93	780	190.06	3.96	7.81	782
22.53	3.13	6.38	783	106.99	3.85	9.83	780	191.46	3.40	8.01	782
23.93	2.03	6.22	783	108.4	3.09	9.91	780	192.87	1.95	8.19	781
25.34	2.42	5.74	784	109.81	3.18	9.66	780	194.28	2.09	8.19	781
26.75	0.62	5.66	784	111.22	3.96	9.65	780	195.69	4.09	8.07	782
28.16	1.43	6.49	783	112.63	5.41	9.58	780	197.09	4.01	8.42	781
29.56	2.16	5.29	784	114.03	3.27	9.50	780	198.5	2.72	8.29	781
30.97	1.53	5.92	784	115.44	3.42	9.54	780	199.91	3.48	8.52	781
32.38	1.02	6.92	783	116.85	3.01	9.50	780	201.32	3.55	8.55	781
33.79	2.19	8.34	781	118.26	4.17	9.46	780	202.73	4.22	8.59	781
35.2	1.26	7.55	782	119.66	3.85	9.66	780	204.13	3.09	8.77	781
36.6	1.99	8.17	781	121.07	5.11	9.83	780	205.54	3.00	8.77	781
38.01	2.02	8.18	781	122.48	4.23	9.86	780	206.95	3.75	8.91	781
39.42	1.99	8.61	781	123.89	2.74	9.94	780	208.36	2.57	8.28	781
40.83	0.86	9.86	780	125.3	4.75	9.95	780	209.77	2.30	8.24	781
42.23	1.99	10.1	780	126.7	2.72	9.87	780	211.17	3.89	7.45	782
43.64	1.64	9.88	780	128.11	2.71	9.83	780	212.58	3.66	7.30	782
45.05	2.27	10.12	780	129.52	2.64	9.87	780	213.99	4.80	7.03	783
46.46	0.27	10.04	780	130.93	2.57	9.84	780	215.4	4.29	6.59	783
47.87	2.29	8.83	781	132.34	4.37	9.81	780	216.8	4.20	6.54	783
49.27	0.38	10.31	779	133.74	2.38	9.87	780	218.21	3.36	7.65	782
50.68	2.60	10.19	779	135.15	2.42	10.0	780	219.62	3.95	8.00	782
52.09	0.98	10.32	779	136.56	3.59	9.97	780	221.03	3.66	7.82	782
53.5	0.55	12.24	777	137.97	3.21	10.03	780	222.44	3.29	8.58	781
54.91	1.42	10.29	779	139.37	4.97	9.82	780	223.84	2.79	8.80	781
56.31	1.33	9.68	780	140.78	3.12	9.80	780	225.25	4.41	8.92	781
57.72	0.94	9.75	780	142.19	4.05	9.84	780	226.66	3.81	9.17	780
59.13	0.71	9.79	780	143.6	2.16	9.70	780	228.07	1.89	9.24	780
60.54	1.27	9.99	780	145.01	3.10	9.65	780	229.47	1.39	9.28	780
61.94	2.73	10.05	780	146.41	2.28	9.58	780	230.88	2.84	9.25	780
63.35	1.53	9.78	780	147.82	2.73	9.72	780	232.29	1.86	9.02	781
64.76	4.21	9.80	780	149.23	1.78	9.79	780	233.7	2.06	9.03	781
66.17	3.89	9.98	780	150.64	2.72	9.97	780	235.11	4.10	8.76	781
67.58	2.41	9.86	780	152.04	2.89	9.42	780	236.51	3.26	8.38	781
68.98	4.52	9.83	780	153.45	1.32	9.23	780	237.92	3.19	8.06	782
70.39	3.78	9.91	780	154.86	3.60	9.58	780	239.33	2.00	7.84	782
71.8	5.17	10.02	780	156.27	1.39	9.62	780	240.74	2.12	7.71	782
73.21	2.28	9.93	780	157.68	2.10	9.50	780	242.15	0.50	7.17	782
74.61	4.53	9.99	780	159.08	4.90	9.54	780	243.55	1.04	6.76	783
76.02	3.31	9.64	780	160.49	2.77	9.73	780	244.96	1.19	6.42	783
77.43	2.67	9.57	780	161.9	2.54	9.32	780	246.37	1.37	6.27	783
78.84	3.79	9.69	780	163.31	4.00	9.13	781	247.78	0.40	6.32	783
80.25	2.24	9.70	780	164.72	3.09	9.02	781	249.18	0.65	6.20	783
81.65	3.91	9.94	780	166.12	1.71	8.92	781	250.59	3.88	5.57	784
83.06	3.97	10.0	780	167.53	3.15	8.64	781	252	1.70	5.59	784
84.47	4.05	10.4	779	168.94	3.30	8.12	782				

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Table 68. Distance from right bank, velocity, depth, and altitude data for Sope Creek transect 14 (SO-7) (see figure 7 for location), Cobb and Fulton Counties, Georgia, September 2004.

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
255.91	1.91	5.55	784	212.35	1.43	5.47	784	168.79	4.66	7.25	782
254.82	1.46	5.54	784	211.26	1.94	5.62	784	167.7	2.98	7.71	782
253.73	1.42	5.62	784	210.17	1.49	5.55	784	166.61	4.35	7.96	782
252.64	2.12	5.65	784	209.08	0.36	5.69	784	165.53	3.58	8.38	781
251.56	1.89	5.69	784	208	2.73	5.84	784	164.44	3.11	8.27	781
250.47	1.12	5.69	784	206.91	2.07	6.16	783	163.35	2.37	8.33	781
249.38	1.83	5.69	784	205.82	3.22	6.28	783	162.26	1.58	8.29	781
248.29	0.65	5.73	784	204.73	0.62	6.60	783	161.17	1.23	8.55	781
247.2	0.83	5.73	784	203.64	2.05	6.84	783	160.08	2.02	8.90	781
246.11	0.83	5.69	784	202.55	1.85	6.78	783	158.99	2.00	9.09	781
245.02	2.65	5.73	784	201.46	2.22	7.68	782	157.9	2.55	9.32	780
243.93	0.89	5.65	784	200.37	2.55	7.97	782	156.81	2.87	9.40	780
242.84	2.31	5.73	784	199.28	3.32	8.64	781	155.72	3.54	9.40	780
241.75	1.28	5.63	784	198.19	3.20	8.81	781	154.64	1.75	9.47	780
240.67	1.84	5.77	784	197.11	4.41	8.91	781	153.55	2.76	9.39	780
239.58	1.30	5.80	784	196.02	1.63	9.02	781	152.46	1.35	9.32	780
238.49	1.85	5.77	784	194.93	2.07	9.17	780	151.37	4.71	9.32	780
237.4	1.73	5.81	784	193.84	1.86	9.21	780	150.28	3.70	9.35	780
236.31	2.47	5.81	784	192.75	2.53	9.24	780	149.19	3.23	9.09	781
235.22	1.98	5.81	784	191.66	2.26	9.17	780	148.1	3.26	9.17	780
234.13	0.55	5.81	784	190.57	1.46	9.13	781	147.01	4.29	8.59	781
233.04	0.61	5.80	784	189.48	2.67	9.13	781	145.92	0.16	8.89	781
231.95	0.51	5.80	784	188.39	4.98	9.14	781	144.83	0.72	9.31	780
230.86	1.05	5.80	784	187.31	3.67	8.99	781	143.75	2.83	8.99	781
229.78	1.91	5.91	784	186.22	1.17	9.10	781	142.66	2.98	8.99	781
228.69	2.07	5.88	784	185.13	3.93	8.92	781	141.57	2.26	9.02	781
227.6	1.72	5.88	784	184.04	3.22	8.79	781	140.48	0.98	9.06	781
226.51	0.89	5.84	784	182.95	2.33	8.50	781	139.39	0.97	9.14	781
225.42	1.29	5.84	784	181.86	4.49	8.58	781	138.3	1.52	9.20	780
224.33	0.72	5.80	784	180.77	3.68	8.92	781	137.21	4.44	9.31	780
223.24	1.12	5.76	784	179.68	4.12	9.07	781	136.12	2.39	9.40	780
222.15	1.69	5.77	784	178.59	2.27	8.95	781	135.03	2.01	9.50	780
221.06	1.17	5.80	784	177.5	2.49	8.51	781	133.94	1.97	9.58	780
219.97	1.70	5.69	784	176.42	2.83	8.43	781	132.86	2.69	9.36	780
218.89	1.24	5.80	784	175.33	3.27	8.49	781	131.77	3.03	9.53	780
217.8	1.52	5.86	784	174.24	1.99	8.41	781	130.68	2.58	9.72	780
216.71	2.48	5.72	784	173.15	5.24	7.97	782	129.59	2.66	9.68	780
215.62	2.30	5.73	784	172.06	2.23	7.74	782	128.5	3.31	9.73	780
214.53	1.46	5.90	784	170.97	3.46	7.48	782	127.41	3.29	9.46	780
213.44	0.69	5.52	784	169.88	2.03	7.53	782	126.32	3.77	9.65	780

Table 68. Distance from right bank, velocity, depth, and altitude data for Sope Creek transect 14 (SO-7) (see figure 7 for location), Cobb and Fulton Counties, Georgia, September 2004.—Continued

[ft, foot; ft/s, foot per second; NAVD 88, North American Vertical Datum of 1988]

Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)	Distance (ft)	Velocity (ft/s)	Depth (ft)	Altitude (NAVD 88) (ft)
125.23	4.09	9.00	781	82.76	2.80	9.54	780	40.29	3.92	9.73	780
124.14	3.31	9.83	780	81.67	5.00	9.54	780	39.2	1.59	9.73	780
123.06	2.71	9.91	780	80.58	4.48	9.58	780	38.11	1.74	9.73	780
121.97	0.89	9.87	780	79.5	3.09	9.50	780	37.03	2.24	9.79	780
120.88	0.89	9.83	780	78.41	2.84	9.46	780	35.94	2.49	8.72	781
119.79	4.12	10.10	780	77.32	4.90	9.54	780	34.85	4.86	8.57	781
118.70	4.51	10.04	780	76.23	3.18	9.48	780	33.76	2.78	8.55	781
117.61	4.02	10.0	780	75.14	4.17	9.43	780	32.67	1.63	9.77	780
116.52	3.35	10.01	780	74.05	3.07	9.50	780	31.58	0.83	9.83	780
115.43	4.26	10.12	780	72.96	3.84	9.46	780	30.49	0.89	9.77	780
114.34	4.18	10.16	779	71.87	4.12	9.42	780	29.4	1.15	9.80	780
113.25	3.15	10.19	779	70.78	3.64	9.61	780	28.31	0.40	9.62	780
112.17	4.59	10.18	779	69.7	3.38	9.51	780	27.22	2.61	9.38	780
111.08	3.80	10.26	779	68.61	3.24	9.84	780	26.14	1.73	9.43	780
109.99	3.06	10.26	779	67.52	3.62	9.86	780	25.05	0.37	9.61	780
108.9	3.44	10.11	780	66.43	3.82	9.99	780	23.96	1.67	9.75	780
107.81	4.55	10.07	780	65.34	4.12	10.0	780	22.87	1.11	9.72	780
106.72	3.93	10.07	780	64.25	2.84	9.99	780	21.78	0.21	9.83	780
105.63	3.39	10.07	780	63.16	4.19	9.90	780	20.69	1.54	9.76	780
104.54	2.08	10.07	780	62.07	3.49	9.89	780	19.6	0.30	9.95	780
103.45	3.57	10.0	780	60.98	3.62	10.03	780	18.51	1.43	9.91	780
102.36	3.60	10.07	780	59.89	5.11	9.92	780	17.42	1.62	9.68	780
101.28	3.40	10.11	780	58.81	3.54	9.84	780	16.33	1.15	9.77	780
100.19	2.32	10.11	780	57.72	2.84	9.90	780	15.25	0.56	9.76	780
99.1	3.33	9.97	780	56.63	2.60	9.40	780	14.16	0.64	9.84	780
98.01	3.80	10.13	780	55.54	3.34	9.31	780	13.07	1.38	9.83	780
96.92	4.66	10.04	780	54.45	4.84	8.69	781	11.98	2.45	9.94	780
95.83	4.02	9.97	780	53.36	5.82	9.00	781	10.89	0.38	9.76	780
94.74	3.07	9.99	780	52.27	4.06	9.35	780	9.80	3.78	9.65	780
93.65	3.91	9.85	780	51.18	4.43	9.21	780	8.71	3.61	9.62	780
92.56	5.17	9.84	780	50.09	4.09	9.12	781	7.62	2.95	9.54	780
91.47	3.75	9.84	780	49.0	2.50	8.84	781	6.53	3.28	9.54	780
90.39	4.28	9.80	780	47.92	3.38	9.06	781	5.45	1.64	9.72	780
89.3	4.04	9.80	780	46.83	2.34	9.02	781	4.36	2.01	9.77	780
88.21	5.26	9.83	780	45.74	3.35	9.69	780	3.27	1.00	9.76	780
87.12	3.27	9.83	780	44.65	5.15	9.65	780	2.18	2.14	9.79	780
86.03	3.43	9.80	780	43.56	3.43	9.61	780	1.09	1.77	9.69	780
84.94	4.21	9.76	780	42.47	3.55	9.46	780	0	3.49	9.72	780
83.85	4.28	9.68	780	41.38	3.45	9.62	780				

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