

Prepared in cooperation with the State of South Carolina and with other agencies

Water Resources Data South Carolina Water Year 2004



Water-Data Report SC-04-1



Calendar for Water Year 2004

2003

October							November							December						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
			1	2	3	4							1		1	2	3	4	5	6
5	6	7	8	9	10	11	2	3	4	5	6	7	8	7	8	9	10	11	12	13
12	13	14	15	16	17	18	9	10	11	12	13	14	15	14	15	16	17	18	19	20
19	20	21	22	23	24	25	16	17	18	19	20	21	22	21	22	23	24	25	26	27
26	27	28	29	30	31		23	24	25	26	27	28	29	28	29	30	31			
							30													

2004

January							February							March						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
				1	2	3	1	2	3	4	5	6	7		1	2	3	4	5	6
4	5	6	7	8	9	10	8	9	10	11	12	13	14	7	8	9	10	11	12	13
11	12	13	14	15	16	17	15	16	17	18	19	20	21	14	15	16	17	18	19	20
18	19	20	21	22	23	24	22	23	24	25	26	27	28	21	22	23	24	25	26	27
25	26	27	28	29	30	31	29							28	29	30	31			

April							May							June						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
				1	2	3							1			1	2	3	4	5
4	5	6	7	8	9	10	2	3	4	5	6	7	8	6	7	8	9	10	11	12
11	12	13	14	15	16	17	9	10	11	12	13	14	15	13	14	15	16	17	18	19
18	19	20	21	22	23	24	16	17	18	19	20	21	22	20	21	22	23	24	25	26
25	26	27	28	29	30		23	24	25	26	27	28	29	27	28	29	30			
							30	31												

July							August							September						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
				1	2	3	1	2	3	4	5	6	7				1	2	3	4
4	5	6	7	8	9	10	8	9	10	11	12	13	14	5	6	7	8	9	10	11
11	12	13	14	15	16	17	15	16	17	18	19	20	21	12	13	14	15	16	17	18
18	19	20	21	22	23	24	22	23	24	25	26	27	28	19	20	21	22	23	24	25
25	26	27	28	29	30	31	29	30	31					26	27	28	29	30		

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

Water Resources Data South Carolina Water Year 2004

By T.W. Cooney, P.A. Drewes, S.W. Ellisor, T.H. Lanier, and F. Melendez

Water-Data Report SC-04-1



Prepared in cooperation with the
State of South Carolina and with other agencies



U.S. Department of the Interior

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2005

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PREFACE

This volume of the annual hydrologic data report of South Carolina is one of a series of annual reports that document hydrologic data gathered from the U. S. Geological Survey's surface-water and ground-water data-collection networks in each State, Puerto Rico, and the Trust Territories. These records of streamflow, ground-water levels, and quality of water provide the hydrologic information needed by State, local, and Federal agencies, and the private sector for developing and managing our Nation's land and water resources. Hydrologic data for South Carolina are contained in one volume.

This report is the culmination of a concerted effort by dedicated personnel of the U. S. Geological Survey who collected, compiled, analyzed, verified, and organized the data, and who typed, edited, and assembled the report. In addition to the authors, who had primary responsibility for assuring that the information contained herein is accurate, complete, and adheres to Geological Survey policy and established guidelines, the following individuals contributed significantly to the collection, processing, and tabulation of the data:

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13. ABSTRACT (Maximum 200 words) Water Resources data for the 2004 water year for South Carolina consists of records of stage, discharge, and water quality of streams; stage and contents of lakes and reservoirs; and levels of ground-water wells. This volume contains records for water discharge at 93 gaging stations, stage only at 39 gaging stations, stage and contents at 9 lakes and reservoirs, water-quality at 47 gaging stations and one observation well, water levels at 20 observation wells, and precipitation at 25 gaging stations. Also included are data for 67 crest-stage partial-record stations and discharge measurement information at 8 miscellaneous sites. Locations of these sites are shown on figures 4, 5, 6, 7, 8 and 9. Additional water data were collected at various sites not involved in the systematic data-collection program. These data represent that part of the National Water Data System collected by the U.S. Geological Survey and cooperating State and Federal agencies in South Carolina.				
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SURFACE-WATER STATIONS, IN DOWNSTREAM ORDER, FOR WHICH RECORDS ARE PUBLISHED IN THIS VOLUME

[Letters after station names designate type of data: (d) discharge, (c) chemical, (p) precipitation, (b) biological (m) microbiological, (s) sediment, (t) temperature, (e) elevation, gage heights, or contents]

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SURFACE-WATER STATIONS, IN DOWNSTREAM ORDER, FOR WHICH RECORDS ARE PUBLISHED IN THIS VOLUME

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02176711	May River near Pritchardville, SC (d,c)	547
02176720	May River near Bluffton, SC (d,c)	555
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<u>ANDERSON COUNTY</u>		
343714082285600.	Local number, AND-326.	621
<u>BEAUFORT COUNTY</u>		
321603080432202.	Local number, BFT-1810.	622
<u>BERKELEY COUNTY</u>		
331022080021801.	Local number, BRK-431.	625
<u>CHARLESTON COUNTY</u>		
324729079472001.	Local number, CHN-14.	626
330247079340300.	Local number, CHN-101.	627
<u>CHEROKEE COUNTY</u>		
350918081263408.	Local number, CRK-74.	628
<u>CHESTER COUNTY</u>		
344000081250011.	Local number, CTR-21.	629
<u>FLORENCE COUNTY</u>		
340806079563100.	Local number, FLO-85.	630
341144079345001.	Local number, FLO-128.	631
<u>HAMPTON COUNTY</u>		
324143080505900.	Local number, HAM-83.	632
<u>MARLBORO COUNTY</u>		
342935079431000.	Local number, MLB-110.	633
343715079411500.	Local number, MLB-112/134.	634
<u>McCORMICK COUNTY</u>		
335336082214600.	Local number, MCK-52.	635
<u>OCONEE COUNTY</u>		
345051083041800.	Local number, OC-233.	636
<u>RICHMOND COUNTY (GEORGIA)</u>		
332029082125901.	Local number, 28AA20.	637
332053082124201.	Local number, 28AA26.	638
332241082140101.	Local number, 28BB103.	639
332330082083901.	Local number, 28BB104.	640
<u>SPARTANBURG COUNTY</u>		
345145081502900.	Local number, SP-1581.	641

DISCONTINUED SURFACE-WATER DISCHARGE OR STAGE-ONLY STATIONS

The following continuous-record surface-water stations (gaging stations) in South Carolina have been discontinued. Daily streamflow or stage records were collected and published for the period of record, expressed in water years, shown for each station. Those stations with an asterisk (*) after the station number are currently operated as partial-record stations. Discontinued project stations with less than 3 years of record have not been included. Information regarding these stations may be obtained from the District Office at the address given on the back side of the title page of this report.

[Letters after station name designate type of data collected: (d) discharge, (e) elevation (stage-only)]

Station name	Station number	Drainage area (mi ²)	Period of record
WACCAMAW RIVER BASIN			
Waccamaw River at Highway 501 near Conway, S.C. (d)	02110705	---	1989-94
PEE DEE RIVER BASIN			
Whites Creek near Wallace, S.C. (d)	02129590	26.4	1980-95
Juniper Creek near Cheraw, S.C. (d)	02130500	64.0	1941-58
Cedar Creek at Society Hill, S.C. (d)	02130600	58.2	1971-81
Catfish Canal at Sellers, S.C. (d)	02131150	27.4	1967-92
Fork Creek at Jefferson, S.C. (d)	02131309	24.3	1976-97
Little Fork Creek at Jefferson, S.C. (d)	02131320	15.0	1990-00
Hanging Rock Creek near Kershaw, S.C. (d)	02131472	23.9	1980-03
Little Pee Dee River near Dillon, S.C. (d)	02132500*	524	1939-71
Black River near Gable, S.C. (d)	02135500	401	1951-66, 1972-92
Pee Dee R @ Topsaw Landing near Plantersville, S.C. (d)	02135210	---	1990-00
Scape Ore Swamp near Bishopeville, S.C. (d)	02135300*	96.0	1968-03
Pocotaoliago River at Sumter, S.C. (d)	02135517	134	1993-95
Turkey Creek at Sumter, S.C. (d)	02135520	10.1	2001-03
Pocotaoliago River near Sumter, S.C. (d)	02135600	185	1993-95
Pocotaoliago River at Manning, S.C. (d)	02135625	306	1994-95
SANTEE RIVER BASIN			
Crowders Creek near Clover, S.C. (d)	02145642*	89.0	1991-03
Sugar Creek near Fort Mill, S.C. (d)	02146800	262	1974-79
Catawba River at Catawba, S.C. (d)	02147000	3,530	1968-92
Bear Creek at Lancaster, S.C. (d)	02147240	66.6	1978-82
Fishing Creek below Fort Lawn, S.C. (d)	02147403	134	2001-03
Broad River near Gaffney, S.C. (d)	02153500	1,490	1938-71, 1986-90
Broad River near Hickory Grove, S.C. (d)	02153680	1,650	2001-03
Bullock Creek near Sharon, S.C. (d)	02153800*	84.3	1990-03
Black Creek near Fingerville, S.C. (d)	02155600	10.0	1967-69
Pacolet River near Clifton, S.C. (d)	02156000	320	1940-71
Lawsons Fork Creek at Spartanburg, S.C. (d)	02156300	74.7	1966-70
Lawsons Fork Creek at Treatment Plant at Spartanburg, S.C. (d)	02156301*	75.6	1989-97
Broad River near Lockhart, S.C. (d)	02156409	2,720	1992-99
Neals Creek near Carlisle, S.C. (d)	02156450	12.3	1980-96
North Tyger River near Fairmont, S.C. (d)	02157000	44.4	1951-88
Middle Tyger River at Lyman, S.C. (d)	02157500*	68.3	1938-67
North Tyger River near Moore, S.C. (d)	02158000	162	1934-67
Maple Creek near Duncan, S.C. (d)	021584051	10.2	1993-95
South Tyger River Below Lyman, S.C. (d)	02158410	96.3	1993-95
South Tyger River near Reidville, S.C. (d)	02158500	106	1935-67
South Tyger River near Woodruff, S.C. (d)	02159000	174	1934-71
Tyger River near Woodruff, S.C. (d)	02159500	351	1930-56
Dutchman Creek near Pauline, S.C. (d)	02159600	8.9	1966-69
Fairforest Creek at Spartanburg, S.C. (d)	02159800	17.0	1966-70
Fairforest Creek below Spartanburg, S.C. (d)	02159810*	23.6	1988-98
Fairforest Creek near Union, S.C. (d)	02160000*	183	1940-71

DISCONTINUED SURFACE-WATER DISCHARGE OR STAGE ONLY-STATIONS--Continued

[Letters after station name designate type of data collected: (d) discharge, (e) elevation (stage-only)]

Station name	Station number	Drainage area (mi ²)	Period of record
Brushy Creek near Pelham, S.C. (d)	021603257	13.8	1996-97
Enoree River near Enoree, S.C. (d)	02160500	307	1930-77
Indian Creek above Newberry, S.C. (d)	021607224	62.7	1995-98
Hellers Creek near Pomaria, S.C. (d)	02160775	8.16	1980-94
Broad River at Richtex, S.C. (d)	02161500	4,850	1926-28, 1930-83
West Fork Little River near Salem Crossroads, S.C. (d)	02161700	25.5	1980-97
Cedar Creek near Blythewood, S.C. (d)	02162010	48.9	1966-96
Crane Creek at Columbia, S.C. (d)	02162080	66.5	1968-74
Middle Saluda River near Cleveland, S.C. (d)	02162350*	21.0	1980-03
Hamilton Creek near Easley, S.C. (d)	02162525	1.6	1981-86
Saluda River near Pelzer, S.C. (d)	02163000	405	1930-71
Ninety-Six Creek near Ninety-Six, S.C. (d)	02166970	17.4	1980-2001
Saluda River near Silverstreet, S.C. (d)	02167500	1,620	1927-65
Congaree Creek at Cayce, S.C. (d)	02169550	122	1960-80
Big Beaver Creek near St. Matthews, S.C. (d)	02169630	10.0	1966-93
Cedar Creek below Myers Creek near Hopkins, S.C. (d)	02169670	66.9	1981-85
Lake Marion at Buckingham Landing near Lone Star, S.C. (e)	02169850	---	1977-80
Lake Marion at Rimini, S.C. (e)	02169900	14,194	1975-78
Santee River at Ferguson, S.C. (d)	02170000	14,600	1908-41
Santee River below St. Stephens, S.C. (d)	02171650	14,900	1970-81
Wedboo Creek near Jamestown, S.C. (d)	02171680	17.4	1966-72, 1973-92
Minim Creek at AIW near North Santee, S.C. (e)	02171820	---	1974-75, 1976-93
COOPER RIVER BASIN			
West Branch Cooper River at Mepkin Abbey near Cordesville, S.C. (e)	02172019	---	1989-99
East Branch Cooper River near Goose Creek, S.C. (e)	02172037	---	1991-95
Foster Creek at Goose Creek, S.C. (e)	021720612	---	1991-94
Cooper River at Army Depot near North Charleston, S.C. (e)	021720675	---	1993-95
WANDO RIVER BASIN			
Wando River above Cainhoy, S.C. (e)	021720694	---	1992-95
Guerin Creek above Cainhoy, S.C. (e)	021720695	---	1992-95
Wando River at Cainhoy, S.C. (e)	021720696	---	1992-95
ASHLEY RIVER BASIN			
Great Cypress Swamp near Ridgeville, S.C. (e)	02172076	---	2001-03
Ashley River near Summerville, S.C. (e)	02172080	---	2001-03
Ashley River at Cooke Crossroads, S.C. (e)	02172081	---	1992-95, 2000-03
Sawmill Branch near Summerville, S.C. (e)	021720813	---	2001-03
Ashley River near North Charleston, S.C. (e)	021720869	---	1992-95
Ashley River at Charleston, S.C. (e)	02172090	---	1992-95
Wappoo Creek at James Island, S.C. (e)	02172091	---	1992-95
CHARLESTON HARBOR			
AIW at Sullivans Island, S.C. (e)	02172095	---	1992-95
Charleston Harbor at Fort Sumter near Mount Pleasant, S.C. (e)	02172100	---	1992-95

DISCONTINUED SURFACE-WATER DISCHARGE OR STAGE ONLY-STATIONS--Continued

[Letters after station name designate type of data collected: (d) discharge, (e) elevation (stage-only)]

Station name	Station number	Drainage area (mi ²)	Period of record
EDISTO RIVER BASIN			
South Fork Edisto River near Montmorenci, S.C. (d)	02172500	198	1940-66
Bull Swamp Creek below Swansea, S.C. (d)	02173351	34.4	2001-03
Edisto River near Branchville, S.C. (d)	02174000*	1,720	1946-96
Savannah Creek near Ehrhardt, S.C. (d)	02175445	2.20	2001-03
COMBAHEE RIVER BASIN			
Combahee River near Yemassee, S.C. (d)	02176000	1,100	1951-57
BROAD RIVER BASIN			
Albergotti Creek at Beaufort, S.C. (e)	02176587	---	1998-2001
Great Swamp near Ridgeland, S.C. (d)	02176875	48.8	1977-84
SAVANNAH RIVER BASIN			
Whitewater River at Jocassee, S.C. (d)	02184500	47.3	1951-68
Keowee River near Jocassee, S.C. (d)	02185000	148	1950-68
Lake Keowee near Six Mile, S.C. (e)	02185145	795	1989-90
Prior to 1995 published as station number 02185300			
Little River near Walhalla, S.C. (d)	02185200*	72.0	1967-2003
Keowee River near Newry, S.C. (d)	02185500	455	1939-61
Twelvemile Creek near Liberty, S.C. (d)	02186000	106	1954-64, 1989-2001
Coneross Creek near Seneca, S.C. (d)	02186645	65.4	1989-2003
Seneca River near Anderson, S.C. (d)	02187000	1,026	1928-59
Lake Hartwell near Hartwell, S.C. (e)	02187250	2,088	1961-2001
Savannah River below Hartwell Lake near Hartwell, Ga. (d)	02187252	2,090	1984-99
Savannah River near Iva, S.C. (d)	02187500	2,231	1950-81
Rocky River near Calhoun Falls, S.C. (d)	02188000	267	1950-66
Savannah River near Calhoun Falls, S.C. (d)	02189000	2,876	1897-98, 1899-1900, 1930-32, 1938-79
Lake Richard B. Russell near Calhoun Falls, S.C. (e)	02189004	2,900	1984-2001
Little River near Mt. Carmel, S.C. (d)	02192500*	72.0	1940-70 1971-86 1987-2003
Lake Thurmond near Clarks Hill, S.C. (e)	02194500	6,150	1952-2001
Savannah River near Clarks Hill, S.C. (d)	02195000	6,150	1940-54
Savannah River at Stevens Creek Dam near Morgana, S.C. (e)	02196483	7,150	1988-2001
Savannah River near North Augusta, S.C. (d)	02196484	7,150	1988-2002
Augusta Canal near Augusta, S.C. (d)	02196485	---	1996-2003
Horn Creek near Colliers, S.C. (d)	02196250	13.9	1981-94
Little Horse Creek near Graniteville, S.C. (d)	02196689	26.6	1989-99, 2000-2001
Augusta Canal at Augusta, Ga. (d)	02196500	---	1931-57, 1989-92
Savannah River at New Savannah Bluff Lock and Dam at Augusta, Ga. (d)	02196999	7,508	1989-2001
Upper Three Runs near New Ellenton, S.C. (d)	02197300	87.0	1966-2002
Tinker Creek at Road 8-11 at Savannah River Site (d)	021973005	16.3	1993-96
Mill Creek at Savannah River Site (d)	021973007	---	1995-96
McQueen Branch at Road F at Savannah River Site (d)	021973008	0.82	1990-97
Tims Branch at Road 2 at Savannah River Site (d)	02197306	13.8	1994-96

DISCONTINUED SURFACE-WATER DISCHARGE OR STAGE ONLY-STATIONS--Continued

[Letters after station name designate type of data collected: (d) discharge, (e) elevation (stage-only)]

Station name	Station number	Drainage area (mi ²)	Period of record
Tims Branch at Road C at Savannah River Site (d)	02197309	17.5	1974-82, 1985-96
H-002 at Savannah River Site (d)	021973011	---	1996-2002
Crouch Branch near H-Area at Savannah River Site (d)	021973012	---	1991-2002
A-003 at Savannah River Site (d)	021973026	---	1984-94
A-011 at Savannah River Site (d)	021973028	---	1984-94
Upper Three Runs above Road C at Savannah River Site (d)	02197310	17.6	1974-98, 1998-2002
Upper Three Runs above Road A at Savannah River Site (d)	02197315	20.3	1974-78, 1978-2002
Savannah River near Jackson, S.C. (d)	02197320	8,110	1971-2002
X-004 at Savannah River Site (d)	02197321	---	1984-96
D-006 at Savannah River Site (d)	02197323	---	1984-2002
Beaverdam Creek at 400-D at Savannah River Site (d)	02197326	0.73	1974-2002
HP-52 Outfall at Savannah River Site (d)	021973305	---	1985-96
Site No. 1 at Savannah River Site (d)	02197330	0.13	1973-96
H-008 at Savannah River Site (d)	02197331	---	1985-96
Site No. 2 at Savannah River Site (d)	02197332	0.30	1973-90
Site No. 3 at Savannah River Site (d)	02197334	5.95	1973-99
Site No. 4 at Savannah River Site (d)	02197336	6.96	1973-92
Site No. 5 at Savannah River Site (d)	02197338	0.28	1972-2002
Site No. 5B at Savannah River Site (d)	02197339	0.57	1980-2002
Site No. 6 at Savannah River Site (d)	02197340	7.53	1972-2002
C-001 at Savannah River Site (d)	021973405	---	1984-96
Site No. 7 at Savannah River Site (d)	02197342	12.5	1972-2002
C-003 at Savannah River Site (d)	021973424	---	1984-96
C-004 at Savannah River Site (d)	021973426	---	1984-96
Four Mile Creek at Road 13 at Savannah River Site (e)	021973441	---	1994-96
Four Mile Creek at Road A-12.2 at Savannah River Site (d)	02197344	22.0	1976-2002
K-011 at Savannah River Site (d)	02197345	---	1984-96
Indian Grave Branch at Savannah River Site (d)	021973455	2.06	1987-96
Pen Branch at Road B at Savannah River Site (d)	021973471	---	1984-96
Pen Branch at Road A-13.2 at Savannah River Site (d)	02197348	21.2	1976-83, 1983-2002
Pen Branch at Road A-17 at Savannah River Site (e)	021973482	---	1994-96
Pen Branch near Stave Island at Savannah River Site (e)	021973484	---	1994-96
P-013 at Savannah River Site (d)	02197351	---	1984-96
Steel Creek above Road B at Savannah River Site (d)	021973515	---	1986-2002
L-007 Outfall at Savannah River Site (d)	021973525	---	1985-2002
L-Lake above Dam at Savannah River Site (e)	02197353	---	1988-96
Steel Creek below L-Lake at Savannah River Site (d)	021973537	---	1989-96
P-007 at Savannah River Site (d)	02197354	---	1984-96
Meyers Branch at Road 9 at Savannah River Site (d)	021973561	---	1993-96
Steel Creek near Snelling (e)	02197357	---	1988-95
Par Pond at Road 8 at Savannah River Site (e)	02197361	---	1992-96
P-019 at Savannah River Site (d)	02197362	---	1984-96
Lower Three Runs below Par Pond at Savannah River Site (d)	02197380	36.7	1974-82, 1987-2002
Lower Three Runs near Snelling, S.C. (d)	02197400	59.3	1974-96, 1997-2002
Lower Three Runs near Martin, S.C. (d)	02197415	110	1997-2002
Savannah River at Burtons Ferry near Millhaven, S.C. (d)	02197500	8,650	1939-70 1982-2003

DISCONTINUED SURFACE-WATER-QUALITY STATIONS

The following stations were discontinued as continuous-record surface-water-quality stations prior to the 2004 water year. Daily records of temperature, specific conductance, pH, or dissolved oxygen were collected and published for the period of record shown, expressed in water years, for each station.

Station name	Station number	Type of record	Period of record
Waccamaw River at Pitch Landing near Conway, S.C.	02110707	Temp., S.C., pH, D.O.	1986-89
AIW at Highway 544 at Socastee, S.C.	02110725	S.C., pH	1986-92
AIW at Vereens Marina at North Myrtle Beach, S.C.	02110730	S.C.	1984-91
AIW at Briarcliffe Acres at North Myrtle Beach, S.C.	02110755	Temp., pH, D.O.	1986-89
AIW at Myrtlewood Golf Course at Myrtle Beach, S.C.	02110760	Temp., pH, D.O.	1986-89
AIW at Highway 9 at Nixons Crossroads, S.C.	02110777	pH	1986-89
Waccamaw River at Bucksport, S.C.	02110802	pH	1986-89
		S.C.	1984-95
Waccamaw River at Wachesaw Landing near Murrells Inlet, S.C.	02110809	Temp., pH, D.O.	1986-89
Waccamaw River at Mt. Rena near Murrells Inlet, S.C.	02110812	Temp., S.C., pH, D.O.	1986-89
Waccamaw River at Hagley Landing near Pawleys Island, S.C.	02110815	pH	1986-89
Pee Dee River at Pee Dee, S.C.	02131000	Temp., S.C.	1978-81
Pee Dee River at Poston, S.C.	02131221	Temp.	1995-03
		pH, D.O.	1996-03
Lynches River at Effingham, S.C.	02132000	Temp., S.C.	1975-81
Pee Dee River at Highway 701 near Bucksport, S.C.	02135200	pH	1986-89
		S.C.	1986-94
Black River at Kingstree, S.C.	02136000	Temp., S.C.	1975-81
Wateree River near Camden, S.C.	02148000	Temp., S.C., pH, D.O.	1991-03
Wateree River below Camden, S.C.	02148060	Temp., D.O.	1992-95
North Tyger River near Fairmont, S.C.	02157000	Temp.	1967-72
Enoree River near Enoree, S.C.	02160500	Temp.	1967-72
Monticello Reservoir near Jenkinsville, S.C.	02160900	Temp., S.C., pH, D.O.	1978-94
Little Saluda River near Prosperity, S.C.	02167716	Temp., D.O.	1993-02
Lakes Marion-Moultrie Diversion Canal near Pineville, S.C.	02170500	Temp., S.C.	1973-81
Minim Creek at AIW near North Santee, S.C.	02171820	S.C.	1979-93
South Santee River at State Pier near McClellanville, S.C.	02171905	S.C.	1987-93
West Branch Cooper River near Monks Corner, S.C.	02172017	Temp.	1976-82
West Branch Cooper River at Pimlico near Moncks Corner, S.C.	02172020	pH	1983-93
Cooper River at Rice Mill near Kittredge, S.C.	02172030	S.C.	1981-85
Back River at Dupont Intake near Kittredge, S.C.	02172040	pH, D.O.	1981-93
Cooper River near Goose Creek, S.C.	02172050	pH	1981-93
Cooper River at Mobay near North Charleston, S.C.	02172053	pH	1983-93
Chicken Creek at North Charleston, S.C.	021720605	Temp., S.C.	1982-86
Great Cypress Swamp near Ridgeville, S.C.	02172076	Temp., D.O.	2001-03
Ashley River at Cooke Crossroads, S.C.	02172081	Temp., S.C., D.O.	1992-03
Ashley River near Cooke Crossroads, S.C.	021720812	Temp., S.C., D.O.	2001-03
Sawmill Branch near Summerville, S.C.	021720813	Temp., D.O.	2001-03
Dorchester Creek near Cooke Crossroads, S.C.	021720816	Temp., S.C., D.O.	2001-03
Eagle Creek near North Charleston, S.C.	021720817	Temp., S.C., D.O.	2001-03
Edisto River near Givhans, S.C.	02175000	Temp., S.C., pH, D.O.	2002-03
Broad River near Beaufort, S.C.	02176560	Temp., S.C., D.O.	2000-01
Albergotti Creek at Beaufort, S.C.	02176587	Temp., S.C., D.O.	1998-01
Keowee River near Jocassee, S.C.	02185000	Temp.	1962-68
Savannah River at Augusta, GA	02197000	Temp.	1974-86, 1990-93
Savannah River near Jackson, S.C.	02197320	Temp.	1972-94
Beaverdam Creek at Mouth at Savannah River Site, S.C.	021973265	Temp.	1980-94
L-Lake above Dam at Savannah River Site, S.C.	02197353	Temp.	1988-93
Steel Creek near Snelling, S.C.	02197357	Temp.	1980-94
Savannah River below Steel Creek near Millett, S.C.	02197370	Temp.	1972-93

DISCONTINUED SURFACE-WATER-QUALITY STATIONS--Continued

Station name	Station number	Type of record	Period of record
Lower Three Runs below Par Pond at Savannah River Site, S.C.	02197380	Temp.	1984-93

INTRODUCTION

Water resources data for the 2004 water year for South Carolina consist of records of stage, discharge, and water quality of streams, stage and contents of lakes and reservoirs, ground-water levels, and precipitation. This report contains discharge records for 93 gaging stations; stage-only records for 39 gaging stations; stage and contents for 9 lakes and reservoirs; water quality for 47 gaging stations; water levels for 20 observation wells; and precipitation for 25 stations. Also included are data for 67 crest-stage partial-record stations and discharge measurements at 8 miscellaneous sites. Additional water data were collected at various sites, not part of the systematic data collection program, and are published as miscellaneous investigations of water quality. These data represent that part of the National Water Data System collected by the U.S. Geological Survey and cooperating State and Federal agencies in South Carolina.

Records of discharge and stage of streams, and contents or stage of lakes and reservoirs were first published in a series of U.S. Geological Survey water-supply papers entitled, "Surface Water Supply of the United States." Through September 30, 1960, these water-supply papers were in an annual series and then in a 5-year series for 1961-65 and 1966-70. Records of chemical quality, water temperatures, and suspended sediment were published from 1941 to 1970 in an annual series of water-supply papers entitled, "Quality of Surface Waters of the United States." Records of ground-water levels were published from 1935 to 1974 in a series of water-supply papers entitled "Ground-Water Levels in the United States." Water-supply papers may be consulted in the libraries of the principal cities in the United States or may be purchased from Branch of Distribution, U.S. Geological Survey, 604 South Pickett Street, Arlington, VA 22304.

For water years 1961 through 1970, streamflow data were released by the Geological Survey in annual reports on a State-boundary basis. Water-quality records for water years 1964 through 1970 were similarly released either in separate reports or in conjunction with streamflow records.

Beginning with the 1971 water year, water data for streamflow, water quality, and ground water are published as an official Survey report on a State-boundary basis. These official Survey reports carry an identification number consisting of the two letter State Abbreviation, the last two digits of the water year, and the volume number. For example, this report is identified as "U.S. Geological Survey Water-Data Report SC-04-1." For archiving and general distribution, the reports for water years 1971-74 are also identified as water-data reports. These water-data reports are for sale, in paper copy or in microfiche, by the National Technical Information Service, U.S. Department of Commerce, Springfield, VA 22161.

COOPERATION

The U.S. Geological Survey (USGS) and organizations of the State of South Carolina have had cooperative agreements for the systematic collection of water records since 1930. Organizations that supplied data are acknowledged in station manuscripts. Organizations that assisted in collecting data through cooperative agreement with the USGS are:

- Beaufort-Jasper Sewer and Water Authority
- Berkeley, Charleston, Dorchester Counties Council of Governments
- City of Anderson
- City of Charleston
- City of Dillon
- City of Mount Pleasant, Waterworks and Sewer Commission
- City of Myrtle Beach
- City of Newberry
- City of Spartanburg
- City of Summerville
- Georgetown County Water and Sewer Authority
- Horry County
- Laurens County Water and Sewer Commission
- South Carolina Department of Natural Resources
- South Carolina Public Service Authority
- South Carolina Department of Transportation
- Spartanburg Sanitary Sewer District
- Startex, Jackson, Wellford, and Duncan Water District
- Town of Ehrhardt
- Town of Lyman
- Waccamaw Regional Planning and Development Council
- Western Carolina Regional Sewer Authority

The following Federal agencies assisted in the data collection by furnishing funds or services:

- National Park Service
- U.S. Army Corps of Engineers
- U.S. Department of Energy

The following corporations aided in collecting records:

- Bowater-Carolina Corporation
- Duke Energy Corporation
- International Paper Corporation
- Milliken Chemical Corporation
- Progress Energy Corporation
- South Carolina Electric and Gas Company
- Stone Container Corporation
- Willamette Industries

SUMMARY OF HYDROLOGIC CONDITIONS

Precipitation and Streamflow

Rainfall totals and streamflows were below normal throughout South Carolina during the 2004 water year. Rainfall in the Piedmont, as indicated by the National Weather Service (NWS) station at the Greenville-Spartanburg Airport, was about 10 percent below normal for the year. Rainfall recorded near Columbia and Charleston by the NWS was about 7 percent and about 15 percent below normal, respectively, for the year. Tropical storm Bonnie (Aug. 3-13) along with Hurricanes Charley (Aug. 9-14) and Gaston (Aug. 27-Sept. 1) affected coastal South Carolina during the month of August. Rainfall for the Charleston Airport NWS station was about 59 above normal for the month of August. Rainfall associated with Hurricanes Frances (Aug. 25-Sept. 8) and Jeanne (Sept. 13-28) resulted in severe flooding in many parts of the upstate. Gaging stations in the Broad River and Black Creek basins recorded peak-flows with recurrence intervals of about 10-years and 50-years, respectively.

Minimum daily mean discharges for the 2004 water year and the period of record are presented for 17 long-term (more than 50 years of record) unregulated stations in the following table. The minimum daily mean discharge for the 2004 water year for all but two stations occurred during the months of June, July, and August and none exceeded the minimum for the period of record.

Station	Drainage area (square mile)	Period of Record	Minimum daily mean discharge for the 2004 water year (cubic feet per second) and date occurred	Minimum daily mean discharge for the period of record (cubic feet per second) and date occurred
02110500 Waccamaw River near Longs, SC	1,110	1950-2004	26; July 6	1.0; Oct. 14, 1954
02132000 Lynches River at Effingham, SC	1,030	1930-2004	120; June 4	69; Aug. 13, 2002
02135000 Little Pee Dee at Galivants Ferry, SC	2,790	1942-2004	403; July 28	73; Aug. 17, 2002
02136000 Black River at Kingstree, SC	1,252	1930-2004	62; June 3	2.0; Sep. 12, 1954
02154500 North Pacolet River at Fingerville, SC	116	1930-2004	78; Aug. 11	14; Aug. 14, 2002
02155500 Pacolet River near Fingerville, SC	212	1930-2004	94; Aug. 10	26; Aug. 10, 2002
02156500 Broad River near Carlisle, SC	2,790	1939-2004	921; Aug. 31	44; Sep. 2, 1956
02162500 Saluda River near Greenville, SC	295	1942-1978 1990-2004	117; Aug. 10	36; Oct. 29, 1998
02163500 Saluda River near Ware Shoals, SC	580	1939-2004	271; June 5	11; Oct. 12, 1941
02165000 Reedy River near Ware Shoals, SC	236	1939-2004	56; Aug. 10	4.8; Sep. 9, 1973
02169500 Congaree River at Columbia, SC	7,850	1940-2004	1870; Aug. 11	662; Oct. 18, 1954
02173000 South Fork Edisto River near Denmark, SC	720	1931-1971 1981-2004	201; Aug. 11	110; Aug. 14, 2002
02173500 North Fork Edisto River at Orangeburg, SC	683	1939-2004	248; July 26	113; Aug. 13, 2002
02175000 Edisto River near Givhans, SC	2,730	1939-2004	460; June 9	150; Aug. 17, 2002
02175500 Salkehatchie River near Miley, SC	341	1951-2004	41; July 17	2.9; Aug. 13, 2002
02176500 Coosawhatchie River near Hampton, SC	203	1951-2004	0.00; May 29	0.00; Many years
02196000 Stephens Creek near Modoc, SC	545	1940-1978 1984-2004	6.0; Sep. 6	0.00; Sep. 14, 1954

A comparison of monthly and yearly mean discharges during the 2004 water year and the monthly and yearly mean discharges for the period of record for two of the long-term index stations are shown in figure 1. Monthly mean discharges for the 2004 water year for the South Fork Edisto River near Denmark station were below those observed for the period of record during the months of October through August. Monthly and annual mean discharges for the 2004 water year for the Lynches River at Effingham station were also well below those for the period of record during the months of October through August.

Ground Water

Ground-water levels reflect both the climatic conditions of the region and ground-water withdrawals. In the Piedmont ground water occurs in the fault and fracture systems of the crystalline rocks and in the shallow unconsolidated material overlying the rock. Water levels in the shallow water table aquifer in the Piedmont, which is not heavily pumped, increased slightly during the 2004 water year at an observation well near Anderson. Water levels in an unused 75-foot deep water table well, AND-326, increased from about 3.24 feet below land surface on October 1, 2003, to about 3.21 feet below land surface on Sept. 30, 2004.

In the Coastal Plain, ground water occurs in multiple aquifer systems, mostly under artesian or confined conditions. Ground water is used extensively in this part of the State. At Charleston, levels in well CHN-14 decreased about 14 feet from October 1, 2003, to mid-August. However, the water level at the end of the 2004 water year remained about 8 feet lower than the beginning of the year.

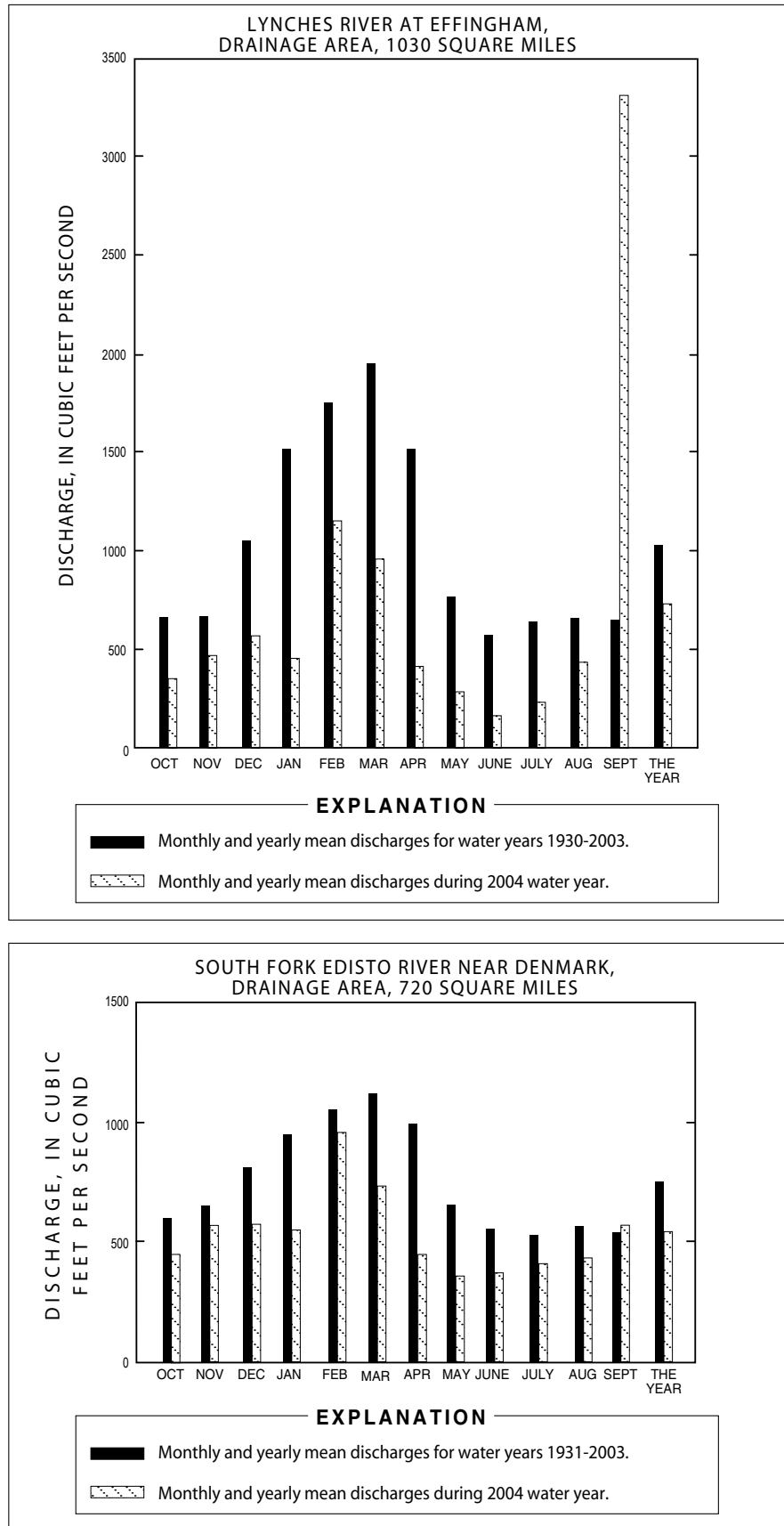


Figure 1. Monthly and yearly mean discharges at two long-term representative gaging stations during 2004 water year with the monthly and yearly mean discharges for the period of record.

DEFINITION OF TERMS

Specialized technical terms related to streamflow, water-quality, and other hydrologic data, as used in this report, are defined below. Terms such as algae, water level, and precipitation are used in their common everyday meanings, definitions of which are given in standard dictionaries. Not all terms defined in this alphabetical list apply to every State. See also table for converting English units to International System (SI) Units. Other glossaries that also define water-related terms are accessible from <http://water.usgs.gov/glossaries.html>.

Acid neutralizing capacity (ANC) is the equivalent sum of all bases or base-producing materials, solutes plus particulates, in an aqueous system that can be titrated with acid to an equivalence point. This term designates titration of an “unfiltered” sample (formerly reported as alkalinity).

Acre-foot (AC-FT, acre-ft) is a unit of volume, commonly used to measure quantities of water used or stored, equivalent to the volume of water required to cover 1 acre to a depth of 1 foot and equivalent to 43,560 cubic feet, 325,851 gallons, or 1,233 cubic meters. (See also “Annual runoff”)

Adenosine triphosphate (ATP) is an organic, phosphate-rich compound important in the transfer of energy in organisms. Its central role in living cells makes ATP an excellent indicator of the presence of living material in water. A measurement of ATP therefore provides a sensitive and rapid estimate of biomass. ATP is reported in micrograms per liter.

Adjusted discharge is discharge data that have been mathematically adjusted (for example, to remove the effects of a daily tide cycle or reservoir storage).

Algal growth potential (AGP) is the maximum algal dry weight biomass that can be produced in a natural water sample under standardized laboratory conditions. The growth potential is the algal biomass present at stationary phase and is expressed as milligrams dry weight of algae produced per liter of sample. (See also “Biomass” and “Dry weight”)

Alkalinity is the capacity of solutes in an aqueous system to neutralize acid. This term designates titration of a “filtered” sample.

Annual runoff is the total quantity of water that is discharged (“runs off”) from a drainage basin in a year. Data reports may present annual runoff data as volumes in acre-feet, as discharges per unit of drainage area in cubic feet per second per square mile, or as depths of water on the drainage basin in inches.

Annual 7-day minimum is the lowest mean value for any 7-consecutive-day period in a year. Annual 7-day minimum values are reported herein for the calendar year and the water year (October 1 through September 30). Most low-flow frequency analyses use a climatic year (April 1-March 31), which tends to prevent the low-flow period from being artificially split between adjacent years. The date shown in the summary statistics table is the initial date of the 7-day period. (This value should not be confused with the 7-day, 10-year low-flow statistic.)

Aroclor is the registered trademark for a group of polychlorinated biphenyls that were manufactured by the Monsanto Company prior to 1976. Aroclors are assigned specific 4-digit reference numbers dependent upon molecular type and degree of substitution of the biphenyl ring hydrogen atoms by chlorine atoms. The first two digits of a numbered aroclor represent the molecular type, and the last two digits represent the percentage weight of the hydrogen-substituted chlorine.

Artificial substrate is a device that purposely is placed in a stream or lake for colonization of organisms. The artificial substrate simplifies the community structure by standardizing the substrate from which each sample is collected. Examples of artificial substrates are basket samplers (made of wire cages filled with clean streamside rocks) and multi-plate samplers (made of hardboard) for benthic organism collection, and plexiglass strips for periphyton collection. (See also “Substrate”)

Ash mass is the mass or amount of residue present after the residue from a dry-mass determination has been ashed in a muffle furnace at a temperature of 500 °C for 1 hour. Ash mass of zooplankton and phytoplankton is expressed in grams per cubic meter (g/m³), and periphyton and benthic organisms in grams per square meter (g/m²). (See also “Biomass” and “Dry mass”)

Aspect is the direction toward which a slope faces with respect to the compass.

Bacteria are microscopic unicellular organisms, typically spherical, rodlike, or spiral and threadlike in shape, often clumped into colonies. Some bacteria cause disease, whereas others perform an essential role in nature in the recycling of materials; for example, by decomposing organic matter into a form available for reuse by plants.

Bankfull stage, as used in this report, is the stage at which a stream first overflows its natural banks formed by floods with 1- to 3-year recurrence intervals.

Base discharge (for peak discharge) is a discharge value, determined for selected stations, above which peak discharge data are published. The base discharge at each

station is selected so that an average of about three peak flows per year will be published. (See also “Peak flow”)

Base flow is sustained flow of a stream in the absence of direct runoff. It includes natural and human-induced streamflows. Natural base flow is sustained largely by ground-water discharge.

Bed material is the sediment mixture of which a streambed, lake, pond, reservoir, or estuary bottom is composed. (See also “Bedload” and “Sediment”)

Bedload is material in transport that primarily is supported by the streambed. In this report, bedload is considered to consist of particles in transit from the bed to the top of the bedload sampler nozzle (an elevation ranging from 0.25 to 0.5 foot). These particles are retained in the bedload sampler. A sample collected with a pressure-differential bedload sampler also may contain a component of the suspended load.

Bedload discharge (tons per day) is the rate of sediment moving as bedload, reported as dry weight, that passes through a cross section in a given time. NOTE: Bedload discharge values in this report may include a component of the suspended-sediment discharge. A correction may be necessary when computing the total sediment discharge by summing the bedload discharge and the suspended-sediment discharge. (See also “Bedload,” “Dry weight,” “Sediment,” and “Suspended-sediment discharge”)

Benthic organisms are the group of organisms inhabiting the bottom of an aquatic environment. They include a number of types of organisms, such as bacteria, fungi, insect larvae and nymphs, snails, clams, and crayfish. They are useful as indicators of water quality.

Biochemical oxygen demand (BOD) is a measure of the quantity of dissolved oxygen, in milligrams per liter, necessary for the decomposition of organic matter by microorganisms, such as bacteria.

Biomass is the amount of living matter present at any given time, expressed as mass per unit area or volume of habitat.

Biomass pigment ratio is an indicator of the total proportion of periphyton that are autotrophic (plants). This also is called the Autotrophic Index.

Blue-green algae (*Cyanophyta*) are a group of phytoplankton and periphyton organisms with a blue pigment in addition to a green pigment called chlorophyll. Blue-green algae can cause nuisance water-quality conditions in lakes and slow-flowing rivers; however, they are found commonly in streams throughout the year. The abundance of blue-green algae in phytoplankton samples is expressed as the number of cells per milliliter (cells/mL) or biovolume

in cubic micrometers per milliliter ($\mu\text{m}^3/\text{mL}$). The abundance of blue-green algae in periphyton samples is given in cells per square centimeter (cells/cm²) or biovolume per square centimeter ($\mu\text{m}^3/\text{cm}^2$). (See also “Phytoplankton” and “Periphyton”)

Bottom material (See “Bed material”)

Bulk electrical conductivity is the combined electrical conductivity of all material within a doughnut-shaped volume surrounding an induction probe. Bulk conductivity is affected by different physical and chemical properties of the material including the dissolved-solids content of the pore water, and the lithology and porosity of the rock.

Canadian Geodetic Vertical Datum 1928 is a geodetic datum derived from a general adjustment of Canada’s first order level network in 1928.

Cell volume (biovolume) determination is one of several common methods used to estimate biomass of algae in aquatic systems. Cell members of algae are used frequently in aquatic surveys as an indicator of algal production. However, cell numbers alone cannot represent true biomass because of considerable cell-size variation among the algal species. Cell volume (μm^3) is determined by obtaining critical cell measurements or cell dimensions (for example, length, width, height, or radius) for 20 to 50 cells of each important species to obtain an average biovolume per cell. Cells are categorized according to the correspondence of their cellular shape to the nearest geometric solid or combinations of simple solids (for example, spheres, cones, or cylinders). Representative formulae used to compute biovolume are as follows:

$$\text{sphere } \frac{4}{3} \pi r^3 \quad \text{cone } \frac{1}{3} \pi r^2 h \quad \text{cylinder } \pi r^2 h.$$

pi (π) is the ratio of the circumference to the diameter of a circle; $\pi = 3.14159\dots$

From cell volume, total algal biomass expressed as biovolume ($\mu\text{m}^3/\text{mL}$) is thus determined by multiplying the number of cells of a given species by its average cell volume and then summing these volumes for all species.

Cells/volume refers to the number of cells of any organism that is counted by using a microscope and grid or counting cell. Many planktonic organisms are multicelled and are counted according to the number of contained cells per sample volume, and generally are reported as cells or units per milliliter (mL) or liter (L).

Cfs-day (See “Cubic foot per second-day”)

Channel bars, as used in this report, are the lowest prominent geomorphic features higher than the channel bed.

Chemical oxygen demand (COD) is a measure of the chemically oxidizable material in the water and furnishes an approximation of the amount of organic and reducing material present. The determined value may correlate with BOD or with carbonaceous organic pollution from sewage or industrial wastes. [See also “Biochemical oxygen demand (BOD)”]

***Clostridium perfringens* (*C. perfringens*)** is a spore-forming bacterium that is common in the feces of human and other warmblooded animals. Clostridial spores are being used experimentally as an indicator of past fecal contamination and the presence of microorganisms that are resistant to disinfection and environmental stresses. (See also “Bacteria”)

Coliphages are viruses that infect and replicate in coliform bacteria. They are indicative of sewage contamination of water and of the survival and transport of viruses in the environment.

Color unit is produced by 1 milligram per liter of platinum in the form of the chloroplatinate ion. Color is expressed in units of the platinum-cobalt scale.

Confined aquifer is a term used to describe an aquifer containing water between two relatively impermeable boundaries. The water level in a well tapping a confined aquifer stands above the top of the confined aquifer and can be higher or lower than the water table that may be present in the material above it. In some cases, the water level can rise above the ground surface, yielding a flowing well.

Contents is the volume of water in a reservoir or lake. Unless otherwise indicated, volume is computed on the basis of a level pool and does not include bank storage.

Continuous-record station is a site where data are collected with sufficient frequency to define daily mean values and variations within a day.

Control designates a feature in the channel that physically affects the water-surface elevation and thereby determines the stage-discharge relation at the gage. This feature may be a constriction of the channel, a bedrock outcrop, a gravel bar, an artificial structure, or a uniform cross section over a long reach of the channel.

Control structure, as used in this report, is a structure on a stream or canal that is used to regulate the flow or stage of the stream or to prevent the intrusion of saltwater.

Cubic foot per second (CFS, ft³/s) is the rate of discharge representing a volume of 1 cubic foot passing a given point in 1 second. It is equivalent to approximately 7.48 gallons per second or approximately 449 gallons per minute, or 0.02832 cubic meters per second. The term “second-foot”

sometimes is used synonymously with “cubic foot per second” but is now obsolete.

Cubic foot per second-day (CFS-DAY, Cfs-day, [(ft³/s)/d]) is the volume of water represented by a flow of 1 cubic foot per second for 24 hours. It is equivalent to 86,400 cubic feet, 1.98347 acre-feet, 646,317 gallons, or 2,446.6 cubic meters. The daily mean discharges reported in the daily value data tables numerically are equal to the daily volumes in cfs-days, and the totals also represent volumes in cfs-days.

Cubic foot per second per square mile [CFSM, (ft³/s)/mi²] is the average number of cubic feet of water flowing per second from each square mile of area drained, assuming the runoff is distributed uniformly in time and area. (See also “Annual runoff”)

Daily mean suspended-sediment concentration is the time-weighted mean concentration of suspended sediment passing a stream cross section during a 24-hour day. (See also “Sediment” and “Suspended-sediment concentration”)

Daily record station is a site where data are collected with sufficient frequency to develop a record of one or more data values per day. The frequency of data collection can range from continuous recording to data collection on a daily or near-daily basis.

Data collection platform (DCP) is an electronic instrument that collects, processes, and stores data from various sensors, and transmits the data by satellite data relay, line-of-sight radio, and/or landline telemetry.

Data logger is a microprocessor-based data acquisition system designed specifically to acquire, process, and store data. Data usually are downloaded from onsite data loggers for entry into office data systems.

Datum is a surface or point relative to which measurements of height and/or horizontal position are reported. A vertical datum is a horizontal surface used as the zero point for measurements of gage height, stage, or elevation; a horizontal datum is a reference for positions given in terms of latitude-longitude, State Plane coordinates, or Universal Transverse Mercator (UTM) coordinates. (See also “Gage datum,” “Land-surface datum,” “National Geodetic Vertical Datum of 1929,” and “North American Vertical Datum of 1988”)

Diatoms (*Bacillariophyta*) are unicellular or colonial algae with a siliceous cell wall. The abundance of diatoms in phytoplankton samples is expressed as the number of cells per milliliter (cells/mL) or biovolume in cubic micrometers per milliliter (μm³/mL). The abundance of diatoms in periphyton samples is given in cells per square centimeter

(cells/cm²) or biovolume per square centimeter (µm³/cm²). (See also “Phytoplankton” and “Periphyton”)

Diel is of or pertaining to a 24-hour period of time; a regular daily cycle.

Discharge, or flow, is the rate that matter passes through a cross section of a stream channel or other water body per unit of time. The term commonly refers to the volume of water (including, unless otherwise stated, any sediment or other constituents suspended or dissolved in the water) that passes a cross section in a stream channel, canal, pipeline, and so forth, within a given period of time (cubic feet per second). Discharge also can apply to the rate at which constituents, such as suspended sediment, bedload, and dissolved or suspended chemicals, pass through a cross section, in which cases the quantity is expressed as the mass of constituent that passes the cross section in a given period of time (tons per day).

Dissolved refers to that material in a representative water sample that passes through a 0.45-micrometer membrane filter. This is a convenient operational definition used by Federal and State agencies that collect water-quality data. Determinations of “dissolved” constituent concentrations are made on sample water that has been filtered.

Dissolved oxygen (DO) is the molecular oxygen (oxygen gas) dissolved in water. The concentration in water is a function of atmospheric pressure, temperature, and dissolved-solids concentration of the water. The ability of water to retain oxygen decreases with increasing temperature or dissolved-solids concentration. Photosynthesis and respiration by plants commonly cause diurnal variations in dissolved-oxygen concentration in water from some streams.

Dissolved-solids concentration in water is the quantity of dissolved material in a sample of water. It is determined either analytically by the “residue-on-evaporation” method, or mathematically by totaling the concentrations of individual constituents reported in a comprehensive chemical analysis. During the analytical determination, the bicarbonate (generally a major dissolved component of water) is converted to carbonate. In the mathematical calculation, the bicarbonate value, in milligrams per liter, is multiplied by 0.4917 to convert it to carbonate. Alternatively, alkalinity concentration (as mg/L CaCO₃) can be converted to carbonate concentration by multiplying by 0.60.

Diversity index (H) (Shannon index) is a numerical expression of evenness of distribution of aquatic organisms. The formula for diversity index is:

$$\bar{d} = - \sum_{i \approx 1}^s \frac{n_i}{n} \log_2 \frac{n_i}{n},$$

where n_i is the number of individuals per taxon, n is the total number of individuals, and s is the total number of taxa in the sample of the community. Index values range from zero, when all the organisms in the sample are the same, to some positive number, when some or all of the organisms in the sample are different.

Drainage area of a stream at a specific location is that area upstream from the location, measured in a horizontal plane, that has a common outlet at the site for its surface runoff from precipitation that normally drains by gravity into a stream. Drainage areas given herein include all closed basins, or noncontributing areas, within the area unless otherwise specified.

Drainage basin is a part of the Earth’s surface that contains a drainage system with a common outlet for its surface runoff. (See “Drainage area”)

Dry mass refers to the mass of residue present after drying in an oven at 105 °C, until the mass remains unchanged. This mass represents the total organic matter, ash and sediment, in the sample. Dry-mass values are expressed in the same units as ash mass. (See also “Ash mass,” “Biomass,” and “Wet mass”)

Dry weight refers to the weight of animal tissue after it has been dried in an oven at 65 °C until a constant weight is achieved. Dry weight represents total organic and inorganic matter in the tissue. (See also “Wet weight”)

Embeddedness is the degree to which gravel-sized and larger particles are surrounded or enclosed by finer-sized particles. (See also “Substrate embeddedness class”)

Enterococcus bacteria commonly are found in the feces of humans and other warmblooded animals. Although some strains are ubiquitous and not related to fecal pollution, the presence of enterococci in water is an indication of fecal pollution and the possible presence of enteric pathogens. Enterococcus bacteria are those bacteria that produce pink to red colonies with black or reddish-brown precipitate after incubation at 41 °C on mE agar (nutrient medium for bacterial growth) and subsequent transfer to EIA medium. Enterococci include *Streptococcus feacalis*, *Streptococcus feacium*, *Streptococcus avium*, and their variants. (See also “Bacteria”)

EPT Index is the total number of distinct taxa within the insect orders Ephemeroptera, Plecoptera, and Trichoptera. This index summarizes the taxa richness within the aquatic insects that generally are considered pollution sensitive; the index usually decreases with pollution.

Escherichia coli (*E. coli*) are bacteria present in the intestine and feces of warmblooded animals. *E. coli* are a member species of the fecal coliform group of indicator bacteria. In the laboratory, they are defined as those bacteria that produce yellow or yellow-brown colonies on a filter pad saturated with urea substrate broth after primary culturing for 22 to 24 hours at 44.5 °C on mTEC medium (nutrient medium for bacterial growth). Their concentrations are expressed as number of colonies per 100 mL of sample. (See also “Bacteria”)

Estimated (E) value of a concentration is reported when an analyte is detected and all criteria for a positive result are met. If the concentration is less than the method detection limit (MDL), an E code will be reported with the value. If the analyte is identified qualitatively as present, but the quantitative determination is substantially more uncertain, the National Water Quality Laboratory will identify the result with an E code even though the measured value is greater than the MDL. A value reported with an E code should be used with caution. When no analyte is detected in a sample, the default reporting value is the MDL preceded by a less than sign (<). For bacteriological data, concentrations are reported as estimated when results are based on non-ideal colony counts.

Euglenoids (*Euglenophyta*) are a group of algae that usually are free-swimming and rarely creeping. They have the ability to grow either photosynthetically in the light or heterotrophically in the dark. (See also “Phytoplankton”)

Extractable organic halides (EOX) are organic compounds that contain halogen atoms such as chlorine. These organic compounds are semivolatile and extractable by ethyl acetate from air-dried streambed sediment. The ethyl acetate extract is combusted, and the concentration is determined by microcoulometric determination of the halides formed. The concentration is reported as micrograms of chlorine per gram of the dry weight of the streambed sediment.

Fecal coliform bacteria are present in the intestines or feces of warmblooded animals. They often are used as indicators of the sanitary quality of the water. In the laboratory, they are defined as all organisms that produce blue colonies within 24 hours when incubated at 44.5 °C plus or minus 0.2 °C on M-FC medium (nutrient medium for bacterial growth). Their concentrations are expressed as number of colonies per 100 mL of sample. (See also “Bacteria”)

Fecal streptococcal bacteria are present in the intestines of warmblooded animals and are ubiquitous in the environment. They are characterized as gram-positive, cocci bacteria that are capable of growth in brain-heart infusion broth. In the laboratory, they are defined as all the organisms that produce red or pink colonies within 48 hours at 35 °C plus or minus 1.0 °C on KF-streptococcus medium (nutrient medium for bacterial growth). Their concentrations are

expressed as number of colonies per 100 mL of sample. (See also “Bacteria”)

Filtered pertains to constituents in a water sample passed through a filter of specified pore diameter, most commonly 0.45 micrometer or less for inorganic analytes and 0.7 micrometer for organic analytes.

Filtered, recoverable is the amount of a given constituent that is in solution after the part of a representative water-suspended sediment sample that has passed through a filter has been extracted. Complete recovery is not achieved by the extraction procedure and thus the analytical determination represents something less than 95 percent of the total constituent concentration in the sample. To achieve comparability of analytical data, equivalent extraction procedures are required of all laboratories performing such analyses because different procedures are likely to produce different analytical results.

Fire algae (*Pyrrhophyta*) are free-swimming unicells characterized by a red pigment spot. (See also “Phytoplankton”)

Flow-duration percentiles are values on a scale of 100 that indicate the percentage of time for which a flow is not exceeded. For example, the 90th percentile of river flow is greater than or equal to 90 percent of all recorded flow rates.

Gage datum is a horizontal surface used as a zero point for measurement of stage or gage height. This surface usually is located slightly below the lowest point of the stream bottom such that the gage height is usually slightly greater than the maximum depth of water. Because the gage datum is not an actual physical object, the datum is usually defined by specifying the elevations of permanent reference marks such as bridge abutments and survey monuments, and the gage is set to agree with the reference marks. Gage datum is a local datum that is maintained independently of any national geodetic datum. However, if the elevation of the gage datum relative to the national datum (North American Vertical Datum of 1988 or National Geodetic Vertical Datum of 1929) has been determined, then the gage readings can be converted to elevations above the national datum by adding the elevation of the gage datum to the gage reading.

Gage height (G.H.) is the water-surface elevation, in feet above the gage datum. If the water surface is below the gage datum, the gage height is negative. Gage height often is used interchangeably with the more general term “stage,” although gage height is more appropriate when used in reference to a reading on a gage.

Gage values are values that are recorded, transmitted, and/or computed from a gaging station. Gage values typically are collected at 5-, 15-, or 30-minute intervals.

Gaging station is a site on a stream, canal, lake, or reservoir where systematic observations of stage, discharge, or other hydrologic data are obtained.

Gas chromatography/flame ionization detector (GC/FID) is a laboratory analytical method used as a screening technique for semivolatile organic compounds that are extractable from water in methylene chloride.

Geomorphic channel units, as used in this report, are fluvial geomorphic descriptors of channel shape and stream velocity. Pools, riffles, and runs are types of geomorphic channel units considered for National Water-Quality Assessment (NAWQA) Program habitat sampling.

Green algae (*Chlorophyta*) are unicellular or colonial algae with chlorophyll pigments similar to those in terrestrial green plants. Some forms of green algae produce mats or floating “moss” in lakes. The abundance of green algae in phytoplankton samples is expressed as the number of cells per milliliter (cells/mL) or biovolume in cubic micrometers per milliliter ($\mu\text{m}^3/\text{mL}$). The abundance of green algae in periphyton samples is given in cells per square centimeter (cells/cm²) or biovolume per square centimeter ($\mu\text{m}^3/\text{cm}^2$). (See also “Phytoplankton” and “Periphyton”)

Habitat, as used in this report, includes all nonliving (physical) aspects of the aquatic ecosystem, although living components like aquatic macrophytes and riparian vegetation also are usually included. Measurements of habitat typically are made over a wider geographic scale than are measurements of species distribution.

Habitat quality index is the qualitative description (level 1) of instream habitat and riparian conditions surrounding the reach sampled. Scores range from 0 to 100 percent with higher scores indicative of desirable habitat conditions for aquatic life. Index only applicable to wadable streams.

Hardness of water is a physical-chemical characteristic that commonly is recognized by the increased quantity of soap required to produce lather. It is computed as the sum of equivalents of polyvalent cations (primarily calcium and magnesium) and is expressed as the equivalent concentration of calcium carbonate (CaCO₃).

High tide is the maximum height reached by each rising tide. The high-high and low-high tides are the higher and lower of the two high tides, respectively, of each tidal day. See NOAA Web site:
<http://www.csc.noaa.gov/text/glossary.html> (see “High water”)

Hilsenhoff’s Biotic Index (HBI) is an indicator of organic pollution that uses tolerance values to weight taxa abundances; usually increases with pollution. It is calculated as follows:

$$HBI = \frac{\sum(n)(a)}{N},$$

where n is the number of individuals of each taxon, a is the tolerance value of each taxon, and N is the total number of organisms in the sample.

Horizontal datum (See “Datum”)

Hydrologic index stations referred to in this report are continuous-record gaging stations that have been selected as representative of streamflow patterns for their respective regions. Station locations are shown on index maps.

Hydrologic unit is a geographic area representing part or all of a surface drainage basin or distinct hydrologic feature as defined by the former Office of Water Data Coordination and delineated on the State Hydrologic Unit Maps by the USGS. Each hydrologic unit is identified by an 8-digit number.

Inch (IN., in.), in reference to streamflow, as used in this report, refers to the depth to which the drainage area would be covered with water if all of the runoff for a given time period were distributed uniformly on it. (See also “Annual runoff”)

Instantaneous discharge is the discharge at a particular instant of time. (See also “Discharge”)

International Boundary Commission Survey Datum refers to a geodetic datum established at numerous monuments along the United States-Canada boundary by the International Boundary Commission.

Island, as used in this report, is a mid-channel bar that has permanent woody vegetation, is flooded once a year, on average, and remains stable except during large flood events.

Laboratory reporting level (LRL) generally is equal to twice the yearly determined long-term method detection level (LT-MDL). The LRL controls false negative error. The probability of falsely reporting a nondetection for a sample that contained an analyte at a concentration equal to or greater than the LRL is predicted to be less than or equal to 1 percent. The value of the LRL will be reported with a “less than” (<) remark code for samples in which the analyte was not detected. The National Water Quality Laboratory (NWQL) collects quality-control data from selected analytical methods on a continuing basis to determine LT-MDLs and to establish LRLs. These values are reevaluated annually on the basis of the most current

quality-control data and, therefore, may change. The LRL replaces the term ‘non-detection value’ (NDV).

Land-surface datum (lsd) is a datum plane that is approximately at land surface at each ground-water observation well.

Latent heat flux (often used interchangeably with latent heat-flux density) is the amount of heat energy that converts water from liquid to vapor (evaporation) or from vapor to liquid (condensation) across a specified cross-sectional area per unit time. Usually expressed in watts per square meter.

Light-attenuation coefficient, also known as the extinction coefficient, is a measure of water clarity. Light is attenuated according to the Lambert-Beer equation:

$$I = I_o e^{-\lambda L},$$

where I_o is the source light intensity, I is the light intensity at length L (in meters) from the source, λ is the light-attenuation coefficient, and e is the base of the natural logarithm. The light-attenuation coefficient is defined as

$$\lambda = -\frac{1}{L} \log_e \frac{I}{I_o}.$$

Lipid is any one of a family of compounds that are insoluble in water and that make up one of the principal components of living cells. Lipids include fats, oils, waxes, and steroids. Many environmental contaminants such as organochlorine pesticides are lipophilic.

Long-term method detection level (LT-MDL) is a detection level derived by determining the standard deviation of a minimum of 24 method detection limit (MDL) spike-sample measurements over an extended period of time. LT-MDL data are collected on a continuous basis to assess year-to-year variations in the LT-MDL. The LT-MDL controls false positive error. The chance of falsely reporting a concentration at or greater than the LT-MDL for a sample that did not contain the analyte is predicted to be less than or equal to 1 percent.

Low tide is the minimum height reached by each falling tide. The high-low and low-low tides are the higher and lower of the two low tides, respectively, of each tidal day. See NOAA Website: <http://www.csc.noaa.gov/text/glossary.html> (see ‘‘Low water’’)

Macrophytes are the macroscopic plants in the aquatic environment. The most common macrophytes are the rooted vascular plants that usually are arranged in zones in aquatic ecosystems and restricted in the area by the extent of illumination through the water and sediment deposition along the shoreline.

Mean concentration of suspended sediment (Daily mean suspended-sediment concentration) is the time-weighted concentration of suspended sediment passing a stream cross section during a given time period. (See also ‘‘Daily mean suspended-sediment concentration’’ and ‘‘Suspended-sediment concentration’’)

Mean discharge (MEAN) is the arithmetic mean of individual daily mean discharges during a specific period. (See also ‘‘Discharge’’)

Mean high or low tide is the average of all high or low tides, respectively, over a specific period.

Mean sea level is a local tidal datum. It is the arithmetic mean of hourly heights observed over the National Tidal Datum Epoch. Shorter series are specified in the name; for example, monthly mean sea level and yearly mean sea level. In order that they may be recovered when needed, such datums are referenced to fixed points known as benchmarks. (See also ‘‘Datum’’)

Measuring point (MP) is an arbitrary permanent reference point from which the distance to water surface in a well is measured to obtain water level.

Megahertz is a unit of frequency. One megahertz equals one million cycles per second.

Membrane filter is a thin microporous material of specific pore size used to filter bacteria, algae, and other very small particles from water.

Metamorphic stage refers to the stage of development that an organism exhibits during its transformation from an immature form to an adult form. This developmental process exists for most insects, and the degree of difference from the immature stage to the adult form varies from relatively slight to pronounced, with many intermediates. Examples of metamorphic stages of insects are egg-larva-adult or egg-nymph-adult.

Method code is a one-character code that identifies the analytical or field method used to determine a value stored in the National Water Information System (NWIS).

Method detection limit (MDL) is the minimum concentration of a substance that can be measured and reported with 99-percent confidence that the analyte concentration is greater than zero. It is determined from the analysis of a sample in a given matrix containing the analyte. At the MDL concentration, the risk of a false positive is predicted to be less than or equal to 1 percent.

Method of Cubatures is a method of computing discharge in tidal estuaries based on the conservation of mass equation.

Methylene blue active substances (MBAS) indicate the presence of detergents (anionic surfactants). The determination depends on the formation of a blue color when methylene blue dye reacts with synthetic anionic detergent compounds.

Micrograms per gram (UG/G, $\mu\text{g/g}$) is a unit expressing the concentration of a chemical constituent as the mass (micrograms) of the element per unit mass (gram) of material analyzed.

Micrograms per kilogram (UG/KG, $\mu\text{g/kg}$) is a unit expressing the concentration of a chemical constituent as the mass (micrograms) of the constituent per unit mass (kilogram) of the material analyzed. One microgram per kilogram is equivalent to 1 part per billion.

Micrograms per liter (UG/L, $\mu\text{g/L}$) is a unit expressing the concentration of chemical constituents in water as mass (micrograms) of constituent per unit volume (liter) of water. One thousand micrograms per liter is equivalent to 1 milligram per liter. One microgram per liter is equivalent to 1 part per billion.

Microsiemens per centimeter (US/CM, $\mu\text{S/cm}$) is a unit expressing the amount of electrical conductivity of a solution as measured between opposite faces of a centimeter cube of solution at a specified temperature. Siemens is the International System of Units nomenclature. It is synonymous with mhos and is the reciprocal of resistance in ohms.

Milligrams per liter (MG/L, mg/L) is a unit for expressing the concentration of chemical constituents in water as the mass (milligrams) of constituent per unit volume (liter) of water. Concentration of suspended sediment also is expressed in milligrams per liter and is based on the mass of dry sediment per liter of water-sediment mixture.

Minimum reporting level (MRL) is the smallest measured concentration of a constituent that may be reliably reported by using a given analytical method.

Miscellaneous site, miscellaneous station, or miscellaneous sampling site is a site where streamflow, sediment, and/or water-quality data or water-quality or sediment samples are collected once, or more often on a random or discontinuous basis to provide better areal coverage for defining hydrologic and water-quality conditions over a broad area in a river basin.

Most probable number (MPN) is an index of the number of coliform bacteria that, more probably than any other number, would give the results shown by the laboratory examination; it is not an actual enumeration. MPN is determined from the distribution of gas-positive cultures among multiple inoculated tubes.

Multiple-plate samplers are artificial substrates of known surface area used for obtaining benthic invertebrate samples. They consist of a series of spaced, hardboard plates on an eyebolt.

Nanograms per liter (NG/L, ng/L) is a unit expressing the concentration of chemical constituents in solution as mass (nanograms) of solute per unit volume (liter) of water. One million nanograms per liter is equivalent to 1 milligram per liter.

National Geodetic Vertical Datum of 1929 (NGVD 29) is a fixed reference adopted as a standard geodetic datum for elevations determined by leveling. It formerly was called "Sea Level Datum of 1929" or "mean sea level." Although the datum was derived from the mean sea level at 26 tide stations, it does not necessarily represent local mean sea level at any particular place. See NOAA Web site: <http://www.ngs.noaa.gov/faq.shtml#WhatVD29VD88> (See "North American Vertical Datum of 1988")

Natural substrate refers to any naturally occurring immersed or submersed solid surface, such as a rock or tree, upon which an organism lives. (See also "Substrate")

Nekton are the consumers in the aquatic environment and consist of large, free-swimming organisms that are capable of sustained, directed mobility.

Nonfilterable refers to the portion of the total residue retained by a filter.

North American Datum of 1927 (NAD 27) is the horizontal control datum for the United States that was defined by a location and azimuth on the Clarke spheroid of 1866.

North American Datum of 1983 (NAD 83) is the horizontal control datum for the United States, Canada, Mexico, and Central America that is based on the adjustment of 250,000 points including 600 satellite Doppler stations that constrain the system to a geocentric origin. NAD 83 has been officially adopted as the legal horizontal datum for the United States by the Federal government.

North American Vertical Datum of 1988 (NAVD 88) is a fixed reference adopted as the official civilian vertical datum for elevations determined by Federal surveying and mapping activities in the United States. This datum was established in 1991 by minimum-constraint adjustment of the Canadian, Mexican, and United States first-order terrestrial leveling networks.

Open or screened interval is the length of unscreened opening or of well screen through which water enters a well, in feet below land surface.

Organic carbon (OC) is a measure of organic matter present in aqueous solution, suspension, or bottom sediment. May be reported as dissolved organic carbon (DOC), particulate organic carbon (POC), or total organic carbon (TOC).

Organic mass or volatile mass of a living substance is the difference between the dry mass and ash mass and represents the actual mass of the living matter. Organic mass is expressed in the same units as for ash mass and dry mass. (See also "Ash mass," "Biomass," and "Dry mass")

Organism count/area refers to the number of organisms collected and enumerated in a sample and adjusted to the number per area habitat, usually square meter (m²), acre, or hectare. Periphyton, benthic organisms, and macrophytes are expressed in these terms.

Organism count/volume refers to the number of organisms collected and enumerated in a sample and adjusted to the number per sample volume, usually milliliter (mL) or liter (L). Numbers of planktonic organisms can be expressed in these terms.

Organochlorine compounds are any chemicals that contain carbon and chlorine. Organochlorine compounds that are important in investigations of water, sediment, and biological quality include certain pesticides and industrial compounds.

Parameter code is a 5-digit number used in the USGS computerized data system, National Water Information System (NWIS), to uniquely identify a specific constituent or property.

Partial-record station is a site where discrete measurements of one or more hydrologic parameters are obtained over a period of time without continuous data being recorded or computed. A common example is a crest-stage gage partial-record station at which only peak stages and flows are recorded.

Particle size is the diameter, in millimeters (mm), of a particle determined by sieve or sedimentation methods. The sedimentation method uses the principle of Stokes Law to calculate sediment particle sizes. Sedimentation methods (pipet, bottom-withdrawal tube, visual-accumulation tube, sedimentograph) determine fall diameter of particles in either distilled water (chemically dispersed) or in native water (the river water at the time and point of sampling).

Particle-size classification, as used in this report, agrees with the recommendation made by the American Geophys-

ical Union Subcommittee on Sediment Terminology. The classification is as follows:

Classification	Size (mm)	Method of analysis
Clay	>0.00024 - 0.004	Sedimentation
Silt	>0.004 - 0.062	Sedimentation
Sand	>0.062 - 2.0	Sedimentation/sieve
Gravel	>2.0 - 64.0	Sieve
Cobble	>64 - 256	Manual measurement
Boulder	>256	Manual measurement

The particle-size distributions given in this report are not necessarily representative of all particles in transport in the stream. For the sedimentation method, most of the organic matter is removed, and the sample is subjected to mechanical and chemical dispersion before analysis in distilled water. Chemical dispersion is not used for native water analysis.

Peak flow (peak stage) is an instantaneous local maximum value in the continuous time series of streamflows or stages, preceded by a period of increasing values and followed by a period of decreasing values. Several peak values ordinarily occur in a year. The maximum peak value in a year is called the annual peak; peaks lower than the annual peak are called secondary peaks. Occasionally, the annual peak may not be the maximum value for the year; in such cases, the maximum value occurs at midnight at the beginning or end of the year, on the recession from or rise toward a higher peak in the adjoining year. If values are recorded at a discrete series of times, the peak recorded value may be taken as an approximation of the true peak, which may occur between the recording instants. If the values are recorded with finite precision, a sequence of equal recorded values may occur at the peak; in this case, the first value is taken as the peak.

Percent composition or percent of total is a unit for expressing the ratio of a particular part of a sample or population to the total sample or population, in terms of types, numbers, weight, mass, or volume.

Percent shading is a measure of the amount of sunlight potentially reaching the stream. A clinometer is used to measure left and right bank canopy angles. These values are added together, divided by 180, and multiplied by 100 to compute percentage of shade.

Periodic-record station is a site where stage, discharge, sediment, chemical, physical, or other hydrologic measurements are made one or more times during a year but at a frequency insufficient to develop a daily record.

Periphyton is the assemblage of microorganisms attached to and living upon submerged solid surfaces. Although primarily consisting of algae, they also include bacteria,

fungi, protozoa, rotifers, and other small organisms. Periphyton are useful indicators of water quality.

Pesticides are chemical compounds used to control undesirable organisms. Major categories of pesticides include insecticides, miticides, fungicides, herbicides, and rodenticides.

pH of water is the negative logarithm of the hydrogen-ion activity. Solutions with pH less than 7.0 standard units are termed "acidic," and solutions with a pH greater than 7.0 are termed "basic." Solutions with a pH of 7.0 are neutral. The presence and concentration of many dissolved chemical constituents found in water are affected, in part, by the hydrogen-ion activity of water. Biological processes including growth, distribution of organisms, and toxicity of the water to organisms also are affected, in part, by the hydrogen-ion activity of water.

Phytoplankton is the plant part of the plankton. They usually are microscopic, and their movement is subject to the water currents. Phytoplankton growth is dependent upon solar radiation and nutrient substances. Because they are able to incorporate as well as release materials to the surrounding water, the phytoplankton have a profound effect upon the quality of the water. They are the primary food producers in the aquatic environment and commonly are known as algae. (See also "Plankton")

Picocurie (PC, pCi) is one-trillionth (1×10^{-12}) of the amount of radioactive nuclide represented by a curie (Ci). A curie is the quantity of radioactive nuclide that yields 3.7×10^{10} radioactive disintegrations per second (dps). A picocurie yields 0.037 dps, or 2.22 dpm (disintegrations per minute).

Plankton is the community of suspended, floating, or weakly swimming organisms that live in the open water of lakes and rivers. Concentrations are expressed as a number of cells per milliliter (cells/mL) of sample.

Polychlorinated biphenyls (PCBs) are industrial chemicals that are mixtures of chlorinated biphenyl compounds having various percentages of chlorine. They are similar in structure to organochlorine insecticides.

Polychlorinated naphthalenes (PCNs) are industrial chemicals that are mixtures of chlorinated naphthalene compounds. They have properties and applications similar to polychlorinated biphenyls (PCBs) and have been identified in commercial PCB preparations.

Pool, as used in this report, is a small part of a stream reach with little velocity, commonly with water deeper than surrounding areas.

Primary productivity is a measure of the rate at which new organic matter is formed and accumulated through photosynthetic and chemosynthetic activity of producer organisms (chiefly, green plants). The rate of primary production is estimated by measuring the amount of oxygen released (oxygen method) or the amount of carbon assimilated (carbon method) by the plants.

Primary productivity (carbon method) is expressed as milligrams of carbon per area per unit time [$\text{mg C}/(\text{m}^2/\text{time})$] for periphyton and macrophytes or per volume [$\text{mg C}/(\text{m}^3/\text{time})$] for phytoplankton. The carbon method defines the amount of carbon dioxide consumed as measured by radioactive carbon (carbon-14). The carbon-14 method is of greater sensitivity than the oxygen light- and dark-bottle method and is preferred for use with unenriched water samples. Unit time may be either the hour or day, depending on the incubation period. (See also "Primary productivity")

Primary productivity (oxygen method) is expressed as milligrams of oxygen per area per unit time [$\text{mg O}/(\text{m}^2/\text{time})$] for periphyton and macrophytes or per volume [$\text{mg O}/(\text{m}^3/\text{time})$] for phytoplankton. The oxygen method defines production and respiration rates as estimated from changes in the measured dissolved-oxygen concentration. The oxygen light- and dark-bottle method is preferred if the rate of primary production is sufficient for accurate measurements to be made within 24 hours. Unit time may be either the hour or day, depending on the incubation period. (See also "Primary productivity")

Radioisotopes are isotopic forms of elements that exhibit radioactivity. Isotopes are varieties of a chemical element that differ in atomic weight but are very nearly alike in chemical properties. The difference arises because the atoms of the isotopic forms of an element differ in the number of neutrons in the nucleus; for example, ordinary chlorine is a mixture of isotopes having atomic weights of 35 and 37, and the natural mixture has an atomic weight of about 35.453. Many of the elements similarly exist as mixtures of isotopes, and a great many new isotopes have been produced in the operation of nuclear devices such as the cyclotron. There are 275 isotopes of the 81 stable elements, in addition to more than 800 radioactive isotopes.

Reach, as used in this report, is a length of stream that is chosen to represent a uniform set of physical, chemical, and biological conditions within a segment. It is the principal sampling unit for collecting physical, chemical, and biological data.

Recoverable is the amount of a given constituent that is in solution after a representative water sample has been extracted or digested. Complete recovery is not achieved by the extraction or digestion and thus the determination represents something less than 95 percent of the constituent present in the sample. To achieve comparability of ana-

lytical data, equivalent extraction or digestion procedures are required of all laboratories performing such analyses because different procedures are likely to produce different analytical results. (See also "Bed material")

Recurrence interval, also referred to as return period, is the average time, usually expressed in years, between occurrences of hydrologic events of a specified type (such as exceedances of a specified high flow or nonexceedance of a specified low flow). The terms "return period" and "recurrence interval" do not imply regular cyclic occurrence. The actual times between occurrences vary randomly, with most of the times being less than the average and a few being substantially greater than the average. For example, the 100-year flood is the flow rate that is exceeded by the annual maximum peak flow at intervals whose average length is 100 years (that is, once in 100 years, on average); almost two-thirds of all exceedances of the 100-year flood occur less than 100 years after the previous exceedance, half occur less than 70 years after the previous exceedance, and about one-eighth occur more than 200 years after the previous exceedance. Similarly, the 7-day, 10-year low flow ($7Q_{10}$) is the flow rate below which the annual minimum 7-day-mean flow dips at intervals whose average length is 10 years (that is, once in 10 years, on average); almost two-thirds of the nonexceedances of the $7Q_{10}$ occur less than 10 years after the previous nonexceedance, half occur less than 7 years after, and about one-eighth occur more than 20 years after the previous nonexceedance. The recurrence interval for annual events is the reciprocal of the annual probability of occurrence. Thus, the 100-year flood has a 1-percent chance of being exceeded by the maximum peak flow in any year, and there is a 10-percent chance in any year that the annual minimum 7-day-mean flow will be less than the $7Q_{10}$.

Replicate samples are a group of samples collected in a manner such that the samples are thought to be essentially identical in composition.

Return period (See "Recurrence interval")

Riffle, as used in this report, is a shallow part of the stream where water flows swiftly over completely or partially submerged obstructions to produce surface agitation.

River mileage is the curvilinear distance, in miles, measured upstream from the mouth along the meandering path of a stream channel in accordance with Bulletin No. 14 (October 1968) of the Water Resources Council and typically is used to denote location along a river.

Run, as used in this report, is a relatively shallow part of a stream with moderate velocity and little or no surface turbulence.

Runoff is the quantity of water that is discharged ("runs off") from a drainage basin during a given time period. Runoff data may be presented as volumes in acre-feet, as mean discharges per unit of drainage area in cubic feet per second per square mile, or as depths of water on the drainage basin in inches. (See also "Annual runoff")

Salinity is the total quantity of dissolved salts, measured by weight in parts per thousand. Values in this report are calculated from specific conductance and temperature. Seawater has an average salinity of about 35 parts per thousand (for additional information, refer to: Miller, R.L., Bradford, W.L., and Peters, N.E., 1988, Specific conductance: theoretical considerations and application to analytical quality control: U.S. Geological Survey Water-Supply Paper 2311, 16 p.)

Sea level, as used in this report, refers to one of the two commonly used national vertical datums (NGVD 1929 or NAVD 1988). See separate entries for definitions of these datums.

Sediment is solid material that originates mostly from disintegrated rocks; when transported by, suspended in, or deposited from water, it is referred to as "fluvial sediment." Sediment includes chemical and biochemical precipitates and decomposed organic material, such as humus. The quantity, characteristics, and cause of the occurrence of sediment in streams are affected by environmental and land-use factors. Some major factors are topography, soil characteristics, land cover, and depth and intensity of precipitation.

Sensible heat flux (often used interchangeably with latent sensible heat-flux density) is the amount of heat energy that moves by turbulent transport through the air across a specified cross-sectional area per unit time and goes to heating (cooling) the air. Usually expressed in watts per square meter.

Seven-day, 10-year low flow ($7Q_{10}$) is the discharge below which the annual 7-day minimum flow falls in 1 year out of 10 on the long-term average. The recurrence interval of the $7Q_{10}$ is 10 years; the chance that the annual 7-day minimum flow will be less than the $7Q_{10}$ is 10 percent in any given year. (See also "Annual 7-day minimum" and "Recurrence interval")

Shelves, as used in this report, are streambank features extending nearly horizontally from the flood plain to the lower limit of persistent woody vegetation.

Sodium adsorption ratio (SAR) is the expression of relative activity of sodium ions in exchange reactions within soil and is an index of sodium or alkali hazard to the soil. Sodium hazard in water is an index that can be used to evaluate the suitability of water for irrigating crops.

Soil heat flux (often used interchangeably with soil heat-flux density) is the amount of heat energy that moves by conduction across a specified cross-sectional area of soil per unit time and goes to heating (or cooling) the soil. Usually expressed in watts per square meter.

Soil-water content is the water lost from the soil upon drying to constant mass at 105 °C; expressed either as mass of water per unit mass of dry soil or as the volume of water per unit bulk volume of soil.

Specific electrical conductance (conductivity) is a measure of the capacity of water (or other media) to conduct an electrical current. It is expressed in microsiemens per centimeter at 25 °C. Specific electrical conductance is a function of the types and quantity of dissolved substances in water and can be used for approximating the dissolved-solids content of the water. Commonly, the concentration of dissolved solids (in milligrams per liter) is from 55 to 75 percent of the specific conductance (in microsiemens). This relation is not constant from stream to stream, and it may vary in the same source with changes in the composition of the water.

Stable isotope ratio (per MIL) is a unit expressing the ratio of the abundance of two radioactive isotopes. Isotope ratios are used in hydrologic studies to determine the age or source of specific water, to evaluate mixing of different water, as an aid in determining reaction rates, and other chemical or hydrologic processes.

Stage (See “Gage height”)

Stage-discharge relation is the relation between the water-surface elevation, termed stage (gage height), and the volume of water flowing in a channel per unit time.

Streamflow is the discharge that occurs in a natural channel. Although the term “discharge” can be applied to the flow of a canal, the word “streamflow” uniquely describes the discharge in a surface stream course. The term “streamflow” is more general than “runoff” as streamflow may be applied to discharge whether or not it is affected by diversion or regulation.

Substrate is the physical surface upon which an organism lives.

Substrate embeddedness class is a visual estimate of riffle streambed substrate larger than gravel that is surrounded or covered by fine sediment (<2 mm, sand or finer). Below are the class categories expressed as the percentage covered by fine sediment:

0	no gravel or larger substrate	3	26-50 percent
1	> 75 percent	4	5-25 percent

2 51-75 percent

5 < 5 percent

Surface area of a lake is that area (acres) encompassed by the boundary of the lake as shown on USGS topographic maps, or other available maps or photographs. Because surface area changes with lake stage, surface areas listed in this report represent those determined for the stage at the time the maps or photographs were obtained.

Surficial bed material is the upper surface (0.1 to 0.2 foot) of the bed material that is sampled using U.S. Series Bed-Material Samplers.

Surrogate is an analyte that behaves similarly to a target analyte, but that is highly unlikely to occur in a sample. A surrogate is added to a sample in known amounts before extraction and is measured with the same laboratory procedures used to measure the target analyte. Its purpose is to monitor method performance for an individual sample.

Suspended is the amount (concentration) of undissolved material in a water-sediment mixture. Most commonly refers to that material retained on a 0.45-micrometer filter.

Suspended, recoverable is the amount of a given constituent that is in solution after the part of a representative water-suspended sediment sample that is retained on a 0.45-micrometer filter has been extracted or digested. Complete recovery is not achieved by the extraction or digestion procedures and thus the determination represents less than 95 percent of the constituent present in the sample. To achieve comparability of analytical data, equivalent extraction or digestion procedures are required of all laboratories performing such analyses because different procedures are likely to produce different analytical results. (See also “Suspended”)

Suspended sediment is sediment carried in suspension by the turbulent components of the fluid or by the Brownian movement (a law of physics). (See also “Sediment”)

Suspended-sediment concentration is the velocity-weighted concentration of suspended sediment in the sampled zone (from the water surface to a point approximately 0.3 foot above the bed) expressed as milligrams of dry sediment per liter of water-sediment mixture (mg/L). The analytical technique uses the mass of all of the sediment and the net weight of the water-sediment mixture in a sample to compute the suspended-sediment concentration. (See also “Sediment” and “Suspended sediment”)

Suspended-sediment discharge (tons/d) is the rate of sediment transport, as measured by dry mass or volume, that passes a cross section in a given time. It is calculated in units of tons per day as follows: concentration (mg/L) x discharge (ft³/s) x 0.0027. (See also “Sediment,” “Sus-

pended sediment,” and “Suspended-sediment concentration”)

Suspended-sediment load is a general term that refers to a given characteristic of the material in suspension that passes a point during a specified period of time. The term needs to be qualified, such as “annual suspended-sediment load” or “sand-size suspended-sediment load,” and so on. It is not synonymous with either suspended-sediment discharge or concentration. (See also “Sediment”)

Suspended solids, total residue at 105 °C concentration is the concentration of inorganic and organic material retained on a filter, expressed as milligrams of dry material per liter of water (mg/L). An aliquot of the sample is used for this analysis.

Suspended, total is the total amount of a given constituent in the part of a water-sediment sample that is retained on a 0.45-micrometer membrane filter. This term is used only when the analytical procedure assures measurement of at least 95 percent of the constituent determined. Knowledge of the expected form of the constituent in the sample, as well as the analytical methodology used, is required to determine when the results should be reported as “suspended, total.” Determinations of “suspended, total” constituents are made either by directly analyzing portions of the suspended material collected on the filter or, more commonly, by difference, on the basis of determinations of (1) dissolved and (2) total concentrations of the constituent. (See also “Suspended”)

Synoptic studies are short-term investigations of specific water-quality conditions during selected seasonal or hydrologic periods to provide improved spatial resolution for critical water-quality conditions. For the period and conditions sampled, they assess the spatial distribution of selected water-quality conditions in relation to causative factors, such as land use and contaminant sources.

Taxa (Species) richness is the number of species (taxa) present in a defined area or sampling unit.

Taxonomy is the division of biology concerned with the classification and naming of organisms. The classification of organisms is based upon a hierarchical scheme beginning with Kingdom and ending with Species at the base. The higher the classification level, the fewer features the organisms have in common. For example, the taxonomy of a particular mayfly, *Hexagenia limbata*, is the following:

Kingdom:	Animal
Phylum:	Arthropoda
Class:	Insecta
Order:	Ephemeroptera
Family:	Ephemeridae

Genus: *Hexagenia*
Species: *Hexagenia limbata*

Thalweg is the line formed by connecting points of minimum streambed elevation (deepest part of the channel).

Thermograph is an instrument that continuously records variations of temperature on a chart. The more general term “temperature recorder” is used in the table descriptions and refers to any instrument that records temperature whether on a chart, a tape, or any other medium.

Time-weighted average is computed by multiplying the number of days in the sampling period by the concentrations of individual constituents for the corresponding period and dividing the sum of the products by the total number of days. A time-weighted average represents the composition of water resulting from the mixing of flow proportionally to the duration of the concentration.

Tons per acre-foot (T/acre-ft) is the dry mass (tons) of a constituent per unit volume (acre-foot) of water. It is computed by multiplying the concentration of the constituent, in milligrams per liter, by 0.00136.

Tons per day (T/DAY, tons/d) is a common chemical or sediment discharge unit. It is the quantity of a substance in solution, in suspension, or as bedload that passes a stream section during a 24-hour period. It is equivalent to 2,000 pounds per day, or 0.9072 metric ton per day.

Total is the amount of a given constituent in a representative whole-water (unfiltered) sample, regardless of the constituent’s physical or chemical form. This term is used only when the analytical procedure assures measurement of at least 95 percent of the constituent present in both the dissolved and suspended phases of the sample. A knowledge of the expected form of the constituent in the sample, as well as the analytical methodology used, is required to judge when the results should be reported as “total.” (Note that the word “total” does double duty here, indicating both that the sample consists of a water-suspended sediment mixture and that the analytical method determined at least 95 percent of the constituent in the sample.)

Total coliform bacteria are a particular group of bacteria that are used as indicators of possible sewage pollution. This group includes coliforms that inhabit the intestine of warmblooded animals and those that inhabit soils. They are characterized as aerobic or facultative anaerobic, gram-negative, nonspore-forming, rod-shaped bacteria that ferment lactose with gas formation within 48 hours at 35 °C. In the laboratory, these bacteria are defined as all the organisms that produce colonies with a golden-green metallic sheen within 24 hours when incubated at 35 °C plus or minus 1.0 °C on M-Endo medium (nutrient

medium for bacterial growth). Their concentrations are expressed as number of colonies per 100 milliliters of sample. (See also "Bacteria")

Total discharge is the quantity of a given constituent, measured as dry mass or volume, that passes a stream cross section per unit of time. When referring to constituents other than water, this term needs to be qualified, such as "total sediment discharge," "total chloride discharge," and so on.

Total in bottom material is the amount of a given constituent in a representative sample of bottom material. This term is used only when the analytical procedure assures measurement of at least 95 percent of the constituent determined. A knowledge of the expected form of the constituent in the sample, as well as the analytical methodology used, is required to judge when the results should be reported as "total in bottom material."

Total length (fish) is the straight-line distance from the anterior point of a fish specimen's snout, with the mouth closed, to the posterior end of the caudal (tail) fin, with the lobes of the caudal fin squeezed together.

Total load refers to all of a constituent in transport. When referring to sediment, it includes suspended load plus bed load.

Total organism count is the number of organisms collected and enumerated in any particular sample. (See also "Organism count/volume")

Total recoverable is the amount of a given constituent in a whole-water sample after a sample has been digested by a method (usually using a dilute acid solution) that results in dissolution of only readily soluble substances. Complete dissolution of all particulate matter is not achieved by the digestion treatment, and thus the determination represents something less than the "total" amount (that is, less than 95 percent) of the constituent present in the dissolved and suspended phases of the sample. To achieve comparability of analytical data for whole-water samples, equivalent digestion procedures are required of all laboratories performing such analyses because different digestion procedures may produce different analytical results.

Total sediment discharge is the mass of suspended-sediment plus bed-load transport, measured as dry weight, that passes a cross section in a given time. It is a rate and is reported as tons per day. (See also "Bedload," "Bedload discharge," "Sediment," "Suspended sediment," and "Suspended-sediment concentration")

Total sediment load or **total load** is the sediment in transport as bedload and suspended-sediment load. The term may be qualified, such as "annual suspended-sediment

load" or "sand-size suspended-sediment load," and so on. It differs from total sediment discharge in that load refers to the material, whereas discharge refers to the quantity of material, expressed in units of mass per unit time. (See also "Sediment," "Suspended-sediment load," and "Total load")

Transect, as used in this report, is a line across a stream perpendicular to the flow and along which measurements are taken, so that morphological and flow characteristics along the line are described from bank to bank. Unlike a cross section, no attempt is made to determine known elevation points along the line.

Turbidity is an expression of the optical properties of a liquid that causes light rays to be scattered and absorbed rather than transmitted in straight lines through water. Turbidity, which can make water appear cloudy or muddy, is caused by the presence of suspended and dissolved matter, such as clay, silt, finely divided organic matter, plankton and other microscopic organisms, organic acids, and dyes (ASTM International, 2003, D1889-00 Standard test method for turbidity of water, *in* ASTM International, Annual Book of ASTM Standards, Water and Environmental Technology, v. 11.01: West Conshohocken, Pennsylvania, 6 p.). The color of water, whether resulting from dissolved compounds or suspended particles, can affect a turbidity measurement. To ensure that USGS turbidity data can be understood and interpreted properly within the context of the instrument used and site conditions encountered, data from each instrument type are stored and reported in the National Water Information System (NWIS) using parameter codes and measurement reporting units that are specific to the instrument type, with specific instruments designated by the method code. The respective measurement units, many of which also are in use internationally, fall into two categories: (1) the designations NTU, NTRU, BU, AU, and NTMU signify the use of a broad spectrum incident light in the wavelength range of 400-680 nanometers (nm), but having different light detection configurations; (2) The designations FNU, FNRU, FBU, FAU, and FNMU generally signify an incident light in the range between 780-900 nm, also with varying light detection configurations. These reporting units are equivalent when measuring a calibration solution (for example, formazin or polymer beads), but their respective instruments may not produce equivalent results for environmental samples. Specific reporting units are as follows:

NTU (Nephelometric Turbidity Units): white or broadband [400-680 nm] light source, 90 degree detection angle, one detector.

NTRU (Nephelometric Turbidity Ratio Units): white or broadband [400-680 nm] light source, 90 degree detection angle, multiple detectors with ratio compensation.

BU (Backscatter Units): white or broadband [400-680 nm] light source, 30 ± 15 degree detection angle (backscatter).

AU (Attenuation Units): white or broadband [400-680 nm] light source, 180 degree detection angle (attenuation).

NTMU (Nephelometric Turbidity Multibeam Units): white or broadband [400-680 nm] light source, multiple light sources, detectors at 90 degrees and possibly other angles to each beam.

FNU (Formazin Nephelometric Units): near infrared [780-900 nm] or monochrome light source, 90 degree detection angle, one detector.

FNRU (Formazin Nephelometric Ratio Units): near infrared [780-900 nm] or monochrome light source, 90 degree detection angle, multiple detectors, ratio compensation.

FBU (Formazin Backscatter Units): near infrared [780-900 nm] or monochrome light source, 30 ± 15 degree detection angle.

FAU (Formazin Attenuation Units): near infrared [780-900 nm] light source, 180 degree detection angle.

FNMU (Formazin Nephelometric Multibeam Units): near infrared [780-900 nm] or monochrome light source, multiple light sources, detectors at 90 degrees and possibly other angles to each beam.

For more information please see http://water.usgs.gov/owq/FieldManual/Chapter6/6.7_contents.html.

Ultraviolet (UV) absorbance (absorption) at 254 or 280 nanometers is a measure of the aggregate concentration of the mixture of UV absorbing organic materials dissolved in the analyzed water, such as lignin, tannin, humic substances, and various aromatic compounds. UV absorbance (absorption) at 254 or 280 nanometers is measured in UV absorption units per centimeter of path length of UV light through a sample.

Unconfined aquifer is an aquifer whose upper surface is a water table free to fluctuate under atmospheric pressure. (See "Water-table aquifer")

Unfiltered pertains to the constituents in an unfiltered, representative water-suspended sediment sample.

Unfiltered, recoverable is the amount of a given constituent in a representative water-suspended sediment sample that has been extracted or digested. Complete recovery is not achieved by the extraction or digestion treatment and thus the determination represents less than 95 percent of the constituent present in the sample. To achieve comparability of analytical data, equivalent extraction or digestion procedures are required of all laboratories performing such anal-

yses because different procedures are likely to produce different analytical results.

Vertical datum (See "Datum")

Volatile organic compounds (VOCs) are organic compounds that can be isolated from the water phase of a sample by purging the water sample with inert gas, such as helium, and, subsequently, analyzed by gas chromatography. Many VOCs are human-made chemicals that are used and produced in the manufacture of paints, adhesives, petroleum products, pharmaceuticals, and refrigerants. They often are components of fuels, solvents, hydraulic fluids, paint thinners, and dry-cleaning agents commonly used in urban settings. VOC contamination of drinking-water supplies is a human-health concern because many are toxic and are known or suspected human carcinogens.

Water table is that surface in a ground-water body at which the water pressure is equal to the atmospheric pressure.

Water-table aquifer is an unconfined aquifer within which the water table is found.

Water year in USGS reports dealing with surface-water supply is the 12-month period October 1 through September 30. The water year is designated by the calendar year in which it ends and which includes 9 of the 12 months. Thus, the year ending September 30, 2002, is called the "2002 water year."

Watershed (See "Drainage basin")

WDR is used as an abbreviation for "Water-Data Report" in the REVISED RECORDS paragraph to refer to State annual hydrologic-data reports. (WRD was used as an abbreviation for "Water-Resources Data" in reports published prior to 1976.)

Weighted average is used in this report to indicate discharge-weighted average. It is computed by multiplying the discharge for a sampling period by the concentrations of individual constituents for the corresponding period and dividing the sum of the products by the sum of the discharges. A discharge-weighted average approximates the composition of water that would be found in a reservoir containing all the water passing a given location during the water year after thorough mixing in the reservoir.

Wet mass is the mass of living matter plus contained water. (See also "Biomass" and "Dry mass")

Wet weight refers to the weight of animal tissue or other substance including its contained water. (See also "Dry weight")

WSP is used as an acronym for “Water-Supply Paper” in reference to previously published reports.

Zooplankton is the animal part of the plankton. Zooplankton are capable of extensive movements within the water column and often are large enough to be seen with the unaided eye. Zooplankton are secondary consumers feeding upon bacteria, phytoplankton, and detritus. Because they are the grazers in the aquatic environment, the zooplankton are a vital part of the aquatic food web. The zooplankton community is dominated by small crustaceans and rotifers. (See also “Plankton”)

DOWNSTREAM ORDER AND STATION NUMBER

Since October 1, 1950, hydrologic-station records in USGS reports have been listed in order of downstream direction along the main stream. All stations on a tributary entering upstream from a main-stream station are listed before that station. A station on a tributary entering between two main-stream stations is listed between those stations. A similar order is followed in listing stations on first rank, second rank, and other ranks of tributaries. The rank of any tributary on which a station is located with respect to the stream to which it is immediately tributary is indicated by an indentation in that list of stations in the front of this report. Each indentation represents one rank. This downstream order and system of indentation indicates which stations are on tributaries between any two stations and the rank of the tributary on which each station is located.

As an added means of identification, each hydrologic station and partial-record station has been assigned a station number. These station numbers are in the same downstream order used in this report. In assigning a station number, no distinction is made between partial-record stations and other stations; therefore, the station number for a partial-record station indicates downstream-order position in a list composed of both types of stations. Gaps are consecutive. The complete 8-digit (or 10-digit) number for each station such as 09004100, which appears just to the left of the station name, includes a 2-digit part number "09" plus the 6-digit (or 8-digit) downstream order number "004100." In areas of high station density, an additional two digits may be added to the station identification number to yield a 10-digit number. The stations are numbered in downstream order as described above between stations of consecutive 8-digit numbers.

NUMBERING SYSTEM FOR WELLS AND MISCELLANEOUS SITES

The USGS well and miscellaneous site-numbering system is based on the grid system of latitude and longitude. The system provides the geographic location of the well or miscellaneous site and a unique number for each site. The number consists of 15 digits. The first 6 digits denote the degrees, minutes, and seconds of latitude, and the next 7 digits denote degrees, minutes, and seconds of longitude; the last 2 digits are a sequential number for wells within a 1-second grid. In the event that the latitude-longitude coordinates for a well and miscellaneous site are the same, a sequential number such as "01," "02," and so forth, would be assigned as one would for wells (see fig. 2). The 8-digit, downstream order station numbers are not assigned to wells and miscellaneous sites where only random water-quality samples or discharge measurements are taken.

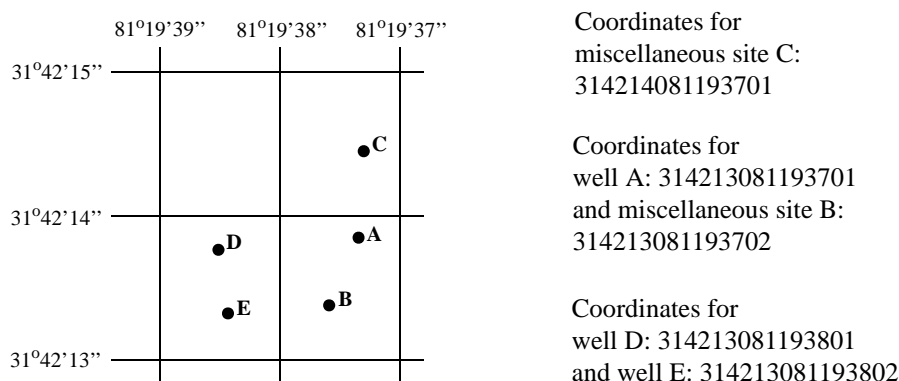


Figure 2. System for numbering wells and miscellaneous sites (latitude and longitude).

SPECIAL NETWORKS AND PROGRAMS

Hydrologic Benchmark Network is a network of 61 sites in small drainage basins in 39 States that was established in 1963 to provide consistent streamflow data representative of undeveloped watersheds nationwide, and from which data could be analyzed on a continuing basis for use in comparison and contrast with conditions observed in basins more obviously affected by human activities. At selected sites, water-quality information is being gathered on major ions and nutrients, primarily to assess the effects of acid deposition on stream chemistry. Additional information on the Hydrologic Benchmark Program may be accessed from <http://water.usgs.gov/hbn/>.

National Stream-Quality Accounting Network (NASQAN) is a network of sites used to monitor the water quality of large rivers within the Nation's largest river basins. From 1995 through 1999, a network of approximately 40 stations was operated in the Mississippi, Columbia, Colorado, and Rio Grande River basins. For the period 2000 through 2004, sampling was reduced to a few index stations on the Colorado and Columbia Rivers so that a network of 5 stations could be implemented on the Yukon River. Samples are collected with sufficient frequency that the flux of a wide range of constituents can be estimated. The objective of NASQAN is to characterize the water quality of these large rivers by measuring concentration and mass transport of a wide range of dissolved and suspended constituents, including nutrients, major ions, dissolved and sediment-bound heavy metals, common pesticides, and inorganic and organic forms of carbon. This information will be used (1) to describe the long-term trends and changes in concentration and transport of these constituents; (2) to test findings of the National Water-Quality Assessment (NAWQA) Program; (3) to characterize processes unique to large-river systems such as storage and remobilization of sediments and associated contaminants; and (4) to refine existing estimates of off-continent transport of water, sediment, and chemicals for assessing human effects on the world's oceans and for determining global cycles of carbon, nutrients, and other chemicals. Additional information about the NASQAN Program may be accessed from <http://water.usgs.gov/nasqan/>.

The National Atmospheric Deposition Program/National Trends Network (NADP/NTN) is a network of monitoring sites that provides continuous measurement and assessment of the chemical constituents in precipitation throughout the United States. As the lead Federal agency, the USGS works together with over 100 organizations to provide a long-term, spatial and temporal record of atmospheric deposition generated from this network of 250 precipitation-chemistry monitoring sites. The USGS supports 74 of these 250 sites. This long-term, nationally consistent monitoring program, coupled with

ecosystem research, provides critical information toward a national scorecard to evaluate the effectiveness of ongoing and future regulations intended to reduce atmospheric emissions and subsequent impacts to the Nation's land and water resources. Reports and other information on the NADP/NTN Program, as well as data from the individual sites, may be accessed from <http://bqs.usgs.gov/acidrain/>.

The USGS National Water-Quality Assessment (NAWQA) Program is a long-term program with goals to describe the status and trends of water-quality conditions for a large, representative part of the Nation's ground- and surface-water resources; to provide an improved understanding of the primary natural and human factors affecting these observed conditions and trends; and to provide information that supports development and evaluation of management, regulatory, and monitoring decisions by other agencies.

Assessment activities are being conducted in 42 study units (major watersheds and aquifer systems) that represent a wide range of environmental settings nationwide and that account for a large percentage of the Nation's water use. A wide array of chemical constituents is measured in ground water, surface water, streambed sediments, and fish tissues. The coordinated application of comparative hydrologic studies at a wide range of spatial and temporal scales will provide information for water-resources managers to use in making decisions and a foundation for aggregation and comparison of findings to address water-quality issues of regional and national interest.

Communication and coordination between USGS personnel and other local, State, and Federal interests are critical components of the NAWQA Program. Each study unit has a local liaison committee consisting of representatives from key Federal, State, and local water-resources agencies, Indian nations, and universities in the study unit. Liaison committees typically meet semiannually to discuss their information needs, monitoring plans and progress, desired information products, and opportunities to collaborate efforts among the agencies. Additional information about the NAWQA Program may be accessed from <http://water.usgs.gov/nawqa/>.

The USGS National Streamflow Information Program (NSIP) is a long-term program with goals to provide framework streamflow data across the Nation. Included in the program are creation of a permanent Federally funded streamflow network, research on the nature of streamflow, regional assessments of streamflow data and databases, and upgrades in the streamflow information delivery systems. Additional information about NSIP may be accessed from <http://water.usgs.gov/nsip/>.

EXPLANATION OF STAGE- AND WATER-DISCHARGE RECORDS

Data Collection and Computation

The base data collected at gaging stations (figures 4-5) consist of records of stage and measurements of discharge of streams or canals, and stage, surface area, and volume of lakes or reservoirs. In addition, observations of factors affecting the stage-discharge relation or the stage-capacity relation, weather records, and other information are used to supplement base data in determining the daily flow or volume of water in storage. Records of stage are obtained from a water-stage recorder that is either downloaded electronically in the field to a laptop computer or similar device or is transmitted using telemetry such as GOES satellite, land-line or cellular-phone modems, or by radio transmission. Measurements of discharge are made with a current meter or acoustic Doppler current profiler, using the general methods adopted by the USGS. These methods are described in standard textbooks, USGS Water-Supply Paper 2175, and the Techniques of Water-Resources Investigations of the United States Geological Survey (TWRIs), Book 3, Chapters A1 through A19 and Book 8, Chapters A2 and B2, which may be accessed from <http://>

water.usgs.gov/pubs/twri/. The methods are consistent with the American Society for Testing and Materials (ASTM) standards and generally follow the standards of the International Organization for Standardization (ISO).

For stream-gaging stations, discharge-rating tables for any stage are prepared from stage-discharge curves. If extensions to the rating curves are necessary to express discharge greater than measured, the extensions are made on the basis of indirect measurements of peak discharge (such as slope-area or contracted-opening measurements, or computation of flow over dams and weirs), step-backwater techniques, velocity-area studies, and logarithmic plotting. The daily mean discharge is computed from gage heights and rating tables, then the monthly and yearly mean discharges are computed from the daily values. If the stage-discharge relation is subject to change because of frequent or continual change in the physical features of the stream channel, the daily mean discharge is computed by the shifting-control method in which correction factors based on individual discharge measurements and notes by engineers and observers are used when applying the gage heights to the rating tables. If the stage-discharge relation for a station is temporarily changed by the presence of aquatic growth or debris on the controlling section, the daily mean discharge is computed by the shifting-control method.

The stage-discharge relation at some stream-gaging stations is affected by backwater from reservoirs, tributary streams, or other sources. Such an occurrence necessitates the use of the slope method in which the slope or fall in a reach of the stream is a factor in computing discharge. The slope or fall is obtained by means of an auxiliary gage at some distance from the base gage.

An index velocity is measured using ultrasonic or acoustic instruments at some stream-gaging stations and this index velocity is used to calculate an average velocity for the flow in the stream. This average velocity along with a stage-area relation is then used to calculate average discharge.

At some stations, stage-discharge relation is affected by changing stage. At these stations, the rate of change in stage is used as a factor in computing discharge.

At some stream-gaging stations in the northern United States, the stage-discharge relation is affected by ice in the winter; therefore, computation of the discharge in the usual manner is impossible. Discharge for periods of ice effect is computed on the basis of gage-height record and occasional winter-discharge measurements. Consideration is given to the available information on temperature and precipitation, notes by gage observers and hydrologists, and comparable records of discharge from other stations in the same or nearby basins.

For a lake or reservoir station, capacity tables giving the volume or contents for any stage are prepared from stage-area relation curves defined by surveys. The application of the stage to the capacity table gives the contents, from which the daily, monthly, or yearly changes are computed.

If the stage-capacity curve is subject to changes because of deposition of sediment in the reservoir, periodic resurveys of the reservoir are necessary to define new stage-capacity curves. During the period between reservoir surveys, the computed contents may be increasingly in error due to the gradual accumulation of sediment.

For some stream-gaging stations, periods of time occur when no gage-height record is obtained or the recorded gage height is faulty and cannot be used to compute daily discharge or contents. Such a situation can happen when the recorder stops or otherwise fails to operate properly, the intakes are plugged, the float is frozen in the well, or for various other reasons. For such periods, the daily discharges are estimated on the basis of recorded range in stage, prior and subsequent records, discharge measurements, weather

records, and comparison with records from other stations in the same or nearby basins. Likewise, lake or reservoir volumes may be estimated on the basis of operator's log, prior and subsequent records, inflow-outflow studies, and other information.

Data Presentation

The records published for each continuous-record surface-water discharge station (stream-gaging station) consist of five parts: (1) the station manuscript or description; (2) the data table of daily mean values of discharge for the current water year with summary data; (3) a tabular statistical summary of monthly mean flow data for a designated period, by water year; (4) a summary statistics table that includes statistical data of annual, daily, and instantaneous flows as well as data pertaining to annual runoff, 7-day low-flow minimums, and flow duration; and (5) a hydrograph of discharge.

Station Manuscript

The manuscript provides, under various headings, descriptive information, such as station location; period of record; historical extremes outside the period of record; record accuracy; and other remarks pertinent to station operation and regulation. The following information, as appropriate, is provided with each continuous record of discharge or lake content. Comments follow that clarify information presented under the various headings of the station description.

LOCATION.—Location information is obtained from the most accurate maps available. The location of the gaging station with respect to the cultural and physical features in the vicinity and with respect to the reference place mentioned in the station name is given. River mileages, given for only a few stations, were determined by methods given in "River Mileage Measurement," Bulletin 14, Revision of October 1968, prepared by the Water Resources Council or were provided by the U.S. Army Corps of Engineers.

DRAINAGE AREA.—Drainage areas are measured using the most accurate maps available. Because the type of maps available varies from one drainage basin to another, the accuracy of drainage areas likewise varies. Drainage areas are updated as better maps become available.

PERIOD OF RECORD.—This term indicates the time period for which records have been published for the station or for an equivalent station. An equivalent station is one that was in operation at a time that the present station was not and whose location was such that its flow reasonably can be considered equivalent to flow at the present station.

REVISED RECORDS.—If a critical error in published records is discovered, a revision is included in the first report published following discovery of the error.

GAGE.—The type of gage in current use, the datum of the current gage referred to a standard datum, and a condensed history of the types, locations, and datums of previous gages are given under this heading.

REMARKS.—All periods of estimated daily discharge either will be identified by date in this paragraph of the station description for water-discharge stations or flagged in the daily discharge table. (See section titled Identifying Estimated Daily Discharge.) Information is presented relative to the accuracy of the records, to special methods of computation, and to conditions that affect natural flow at the station. In addition, information may be presented pertaining to average discharge data for the period of record; to extremes data for the period of record and the current year; and, possibly, to other pertinent items. For

reservoir stations, information is given on the dam forming the reservoir, the capacity, the outlet works and spillway, and the purpose and use of the reservoir.

COOPERATION.—Records provided by a cooperating organization or obtained for the USGS by a cooperating organization are identified here.

EXTREMES OUTSIDE PERIOD OF RECORD.—Information here documents major floods or unusually low flows that occurred outside the stated period of record. The information may or may not have been obtained by the USGS.

REVISIONS.—Records are revised if errors in published records are discovered. Appropriate updates are made in the USGS distributed data system, NWIS, and subsequently to its Web-based National data system, NWISWeb (<http://water.usgs.gov/nwis/nwis>). Users are encouraged to obtain all required data from NWIS or NWISWeb to ensure that they have the most recent data updates. Updates to NWISWeb are made on an annual basis.

Although rare, occasionally the records of a discontinued gaging station may need revision. Because no current or, possibly, future station manuscript would be published for these stations to document the revision in a REVISED RECORDS entry, users of data for these stations who obtained the record from previously published data reports may wish to contact the District Office (address given on the back of the title page of this report) to determine if the published records were revised after the station was discontinued. If, however, the data for a discontinued station were obtained by computer retrieval, the data would be current. Any published revision of data is always accompanied by revision of the corresponding data in computer storage.

Manuscript information for lake or reservoir stations differs from that for stream stations in the nature of the REMARKS and in the inclusion of a stage-capacity table when daily volumes are given.

Peak Discharge Greater than Base Discharge

Tables of peak discharge above base discharge are included for some stations where secondary instantaneous peak discharge data are used in flood-frequency studies of highway and bridge design, flood-control structures, and other flood-related projects. The base discharge value is selected so an average of three peaks a year will be reported. This base discharge value has a recurrence interval of approximately 1.1 years or a 91-percent chance of exceedence in any 1 year.

Data Table of Daily Mean Values

The daily table of discharge records for stream-gaging stations gives mean discharge for each day of the water year. In the monthly summary for the table, the line headed TOTAL gives the sum of the daily figures for each month; the line headed MEAN gives the arithmetic average flow in cubic feet per second for the month; and the lines headed MAX and MIN give the maximum and minimum daily mean discharges, respectively, for each month. Discharge for the month is expressed in cubic feet per second per square mile (line headed CFSM); or in inches (line headed IN); or in acre-feet (line headed AC-FT). Values for cubic feet per second per square mile and runoff in inches or in acre-feet may be omitted if extensive regulation or diversion is in effect or if the drainage area includes large noncontributing areas. At some stations, monthly and (or) yearly observed discharges are adjusted for reservoir storage or diversion, or diversion data or reservoir volumes are given. These values are identified by a symbol and a corresponding footnote.

Statistics of Monthly Mean Data

A tabular summary of the mean (line headed MEAN), maximum (MAX), and minimum (MIN) of monthly mean flows for each month for a designated period is provided below the mean values table. The water years of the first occurrence of the maximum and minimum monthly flows are provided immediately below those values. The designated period will be expressed as FOR WATER YEARS __-__, BY WATER YEAR (WY), and will list the first and last water years of the range of years selected from the PERIOD OF RECORD paragraph in the station manuscript. The designated period will consist of all of the station record within the specified water years, including complete months of record for partial water years, and may coincide with the period of record for the station. The water years for which the statistics are computed are consecutive, unless a break in the station record is indicated in the manuscript.

Summary Statistics

A table titled SUMMARY STATISTICS follows the statistics of monthly mean data tabulation. This table consists of four columns with the first column containing the line headings of the statistics being reported. The table provides a statistical summary of yearly, daily, and instantaneous flows, not only for the current water year but also for the previous calendar year and for a designated period, as appropriate. The designated period selected, WATER YEARS __-__, will consist of all of the station records within the specified water years, including complete months of record for partial water years, and may coincide with the period of record for the station. The water years for which the statistics are computed are consecutive, unless a break in the station record is indicated in the manuscript. All of the calculations for the statistical characteristics designated ANNUAL (see line headings below), except for the ANNUAL 7-DAY MINIMUM statistic, are calculated for the designated period using complete water years. The other statistical characteristics may be calculated using partial water years.

The date or water year, as appropriate, of the first occurrence of each statistic reporting extreme values of discharge is provided adjacent to the statistic. Repeated occurrences may be noted in the REMARKS paragraph of the manuscript or in footnotes. Because the designated period may not be the same as the station period of record published in the manuscript, occasionally the dates of occurrence listed for the daily and instantaneous extremes in the designated-period column may not be within the selected water years listed in the heading. When the dates of occurrence do not fall within the selected water years listed in the heading, it will be noted in the REMARKS paragraph or in footnotes. Selected streamflow duration-curve statistics and runoff data also are given. Runoff data may be omitted if extensive regulation or diversion of flow is in effect in the drainage basin.

The following summary statistics data are provided with each continuous record of discharge. Comments that follow clarify information presented under the various line headings of the SUMMARY STATISTICS table.

ANNUAL TOTAL.—The sum of the daily mean values of discharge for the year.

ANNUAL MEAN.—The arithmetic mean for the individual daily mean discharges for the year noted or for the designated period.

HIGHEST ANNUAL MEAN.—The maximum annual mean discharge occurring for the designated period.

LOWEST ANNUAL MEAN.—The minimum annual mean discharge occurring for the designated period.

HIGHEST DAILY MEAN.—The maximum daily mean discharge for the year or for the designated period.

LOWEST DAILY MEAN.—The minimum daily mean discharge for the year or for the designated period.

ANNUAL 7-DAY MINIMUM.—The lowest mean discharge for 7 consecutive days for a calendar year or a water year. Note that most low-flow frequency analyses of annual 7-day minimum flows use a climatic year (April 1-March 31). The date shown in the summary statistics table is the initial date of the 7-day period. This value should not be confused with the 7-day 10-year low-flow statistic.

MAXIMUM PEAK FLOW.—The maximum instantaneous peak discharge occurring for the water year or designated period. Occasionally the maximum flow for a year may occur at midnight at the beginning or end of the year, on a recession from or rise toward a higher peak in the adjoining year. In this case, the maximum peak flow is given in the table and the maximum flow may be reported in a footnote or in the REMARKS paragraph in the manuscript.

MAXIMUM PEAK STAGE.—The maximum instantaneous peak stage occurring for the water year or designated period. Occasionally the maximum stage for a year may occur at midnight at the beginning or end of the year, on a recession from or rise toward a higher peak in the adjoining year. In this case, the maximum peak stage is given in the table and the maximum stage may be reported in the REMARKS paragraph in the manuscript or in a footnote. If the dates of occurrence of the maximum peak stage and maximum peak flow are different, the REMARKS paragraph in the manuscript or a footnote may be used to provide further information.

INSTANTANEOUS LOW FLOW.—The minimum instantaneous discharge occurring for the water year or for the designated period.

ANNUAL RUNOFF.—Indicates the total quantity of water in runoff for a drainage area for the year. Data reports may use any of the following units of measurement in presenting annual runoff data:

Acre-foot (AC-FT) is the quantity of water required to cover 1 acre to a depth of 1 foot and is equivalent to 43,560 cubic feet or about 326,000 gallons or 1,233 cubic meters.

Cubic feet per square mile (CFSM) is the average number of cubic feet of water flowing per second from each square mile of area drained, assuming the runoff is distributed uniformly in time and area.

Inches (INCHES) indicate the depth to which the drainage area would be covered if all of the runoff for a given time period were uniformly distributed on it.

10 PERCENT EXCEEDS.—The discharge that has been exceeded 10 percent of the time for the designated period.

50 PERCENT EXCEEDS.—The discharge that has been exceeded 50 percent of the time for the designated period.

90 PERCENT EXCEEDS.—The discharge that has been exceeded 90 percent of the time for the designated period.

Data collected at partial-record stations follow the information for continuous-record sites. Data for partial-record discharge stations are presented in two tables. The first table lists annual maximum stage and

discharge at crest-stage stations, and the second table lists discharge measurements at low-flow partial-record stations. The tables of partial-record stations are followed by a listing of discharge measurements made at sites other than continuous-record or partial-record stations. These measurements are often made in times of drought or flood to give better areal coverage to those events. Those measurements and others collected for a special reason are called measurements at miscellaneous sites.

Identifying Estimated Daily Discharge

Estimated daily-discharge values published in the water-discharge tables of annual State data reports are identified. This identification is shown either by flagging individual daily values with the letter “e” and noting in a table footnote, “e–Estimated,” or by listing the dates of the estimated record in the REMARKS paragraph of the station description.

Accuracy of Field Data and Computed Results

The accuracy of streamflow data depends primarily on (1) the stability of the stage-discharge relation or, if the control is unstable, the frequency of discharge measurements, and (2) the accuracy of observations of stage, measurements of discharge, and interpretations of records.

The degree of accuracy of the records is stated in the REMARKS in the station description. “Excellent” indicates that about 95 percent of the daily discharges are within 5 percent of the true value; “good” within 10 percent; and “fair,” within 15 percent. “Poor” indicates that daily discharges have less than “fair” accuracy. Different accuracies may be attributed to different parts of a given record.

Values of daily mean discharge in this report are shown to the nearest hundredth of a cubic foot per second for discharges of less than 1 ft³/s; to the nearest tenths between 1.0 and 10 ft³/s; to whole numbers between 10 and 1,000 ft³/s; and to 3 significant figures above 1,000 ft³/s. The number of significant figures used is based solely on the magnitude of the discharge value. The same rounding rules apply to discharge values listed for partial-record stations.

Discharge at many stations, as indicated by the monthly mean, may not reflect natural runoff due to the effects of diversion, consumption, regulation by storage, increase or decrease in evaporation due to artificial causes, or to other factors. For such stations, values of cubic feet per second per square mile and of runoff in inches are not published unless satisfactory adjustments can be made for diversions, for changes in contents of reservoirs, or for other changes incident to use and control. Evaporation from a reservoir is not included in the adjustments for changes in reservoir contents, unless it is so stated. Even at those stations where adjustments are made, large errors in computed runoff may occur if adjustments or losses are large in comparison with the observed discharge.

Other Data Records Available

Information of a more detailed nature than that published for most of the stream-gaging stations such as discharge measurements, gage-height records, and rating tables is available from the District office. Also, most stream-gaging station records are available in computer-usable form and many statistical analyses have been made.

Information on the availability of unpublished data or statistical analyses may be obtained from the District office (see address that is shown on the back of the title page of this report).

EXPLANATION OF PRECIPITATION RECORDS

Data Collection and Computation

Rainfall data generally are collected using electronic data loggers that measure the rainfall in 0.01-inch increments every 15 minutes using either a tipping-bucket rain gage or a collection well gage. Twenty-four hour rainfall totals are tabulated and presented. A 24-hour period extends from just past midnight of the previous day to midnight of the current day. Snowfall-affected data can result during cold weather when snow fills the rain-gage funnel and then melts as temperatures rise. Snowfall-affected data are subject to errors. Missing values are indicated by this symbol “---” in the table.

Data Presentation

Precipitation records collected at surface-water gaging stations are identified with the same station number and name as the stream-gaging station. Where a surface-water daily-record station is not available, the precipitation record is published with its own name and latitude-longitude identification number.

Information pertinent to the history of a precipitation station is provided in descriptive headings preceding the tabular data. These descriptive headings give details regarding location, period of record, and general remarks.

The following information is provided with each precipitation station. Comments that follow clarify information presented under the various headings of the station description.

LOCATION.—See Data Presentation in the EXPLANATION OF STAGE- AND WATER-DISCHARGE RECORDS section of this report (same comments apply).

PERIOD OF RECORD.—See Data Presentation in the EXPLANATION OF STAGE- AND WATER-DISCHARGE RECORDS section of this report (same comments apply).

INSTRUMENTATION.—Information on the type of rainfall collection system is given.

REMARKS.—Remarks provide added information pertinent to the collection, analysis, or computation of records.

EXPLANATION OF WATER-QUALITY RECORDS

Collection and Examination of Data

Surface-water samples for analysis usually are collected at or near stream-gaging stations. The quality-of-water records are given immediately following the discharge records at these stations.

The descriptive heading for water-quality records gives the period of record for all water-quality data; the period of daily record for parameters that are measured on a daily basis (specific conductance, water temperature, sediment discharge, and so forth); extremes for the current year; and general remarks.

For ground-water records, no descriptive statements are given; however, the well number, depth of well, sampling date, or other pertinent data are given in the table containing the chemical analyses of the ground water.

Water Analysis

Most of the methods used for collecting and analyzing water samples are described in the TWRIIs, which may be accessed from <http://water.usgs.gov/pubs/twri/>.

One sample can define adequately the water quality at a given time if the mixture of solutes throughout the stream cross-section is homogeneous. However, the concentration of solutes at different locations in the cross section may vary widely with different rates of water discharge, depending on the source of material and the turbulence and mixing of the stream. Some streams must be sampled at several verticals to obtain a representative sample needed for an accurate mean concentration and for use in calculating load.

Chemical-quality data published in this report are considered to be the most representative values available for the stations listed. The values reported represent water-quality conditions at the time of sampling as much as possible, consistent with available sampling techniques and methods of analysis. In the rare case where an apparent inconsistency exists between a reported pH value and the relative abundance of carbon dioxide species (carbonate and bicarbonate), the inconsistency is the result of a slight uptake of carbon dioxide from the air by the sample between measurement of pH in the field and determination of carbonate and bicarbonate in the laboratory.

For chemical-quality stations equipped with digital monitors, the records consist of daily maximum and minimum values (and sometimes mean or median values) for each constituent measured, and are based on 15-minute or 1-hour intervals of recorded data beginning at 0000 hours and ending at 2400 hours for the day of record.

SURFACE-WATER-QUALITY RECORDS

Records of surface-water quality ordinarily are obtained at or near stream-gaging stations because discharge data are useful in the interpretation of surface-water quality. Records of surface-water quality in this report involve a variety of types of data and measurement frequencies.

Classification of Records

Water-quality data for surface-water sites are grouped into one of three classifications. A *continuous-record station* is a site where data are collected on a regularly scheduled basis. Frequency may be one or more times daily, weekly, monthly, or quarterly. A *partial-record station* is a site where limited water-quality data are collected systematically over a period of years. Frequency of sampling is usually less than quarterly. A *miscellaneous sampling site* is a location other than a continuous- or partial-record station, where samples are collected to give better areal coverage to define water-quality conditions in the river basin.

A careful distinction needs to be made between *continuous records* as used in this report and *continuous recordings* that refer to a continuous graph or a series of discrete values recorded at short intervals. Some records of water quality, such as temperature and specific conductance, may be obtained through continuous recordings; however, because of costs, most data are obtained only monthly or less frequently. Locations of stations for which records on the quality of surface water appear in this report are shown in figure 6.

Accuracy of the Records

One of four accuracy classifications is applied for measured physical properties at continuous-record stations on a scale ranging from poor to excellent. The accuracy rating is based on data values recorded before any shifts or corrections are made. Additional consideration also is given to the amount of publishable record and to the amount of data that have been corrected or shifted.

Rating classifications for continuous water-quality records

[≤, less than or equal to; ±, plus or minus value shown; °C, degree Celsius; >, greater than; %, percent; mg/L, milligram per liter; pH unit, standard pH unit]

Measured physical property	Rating			
	Excellent	Good	Fair	Poor
Water temperature	≤ ±0.2 °C	> ±0.2 to 0.5 °C	> ±0.5 to 0.8 °C	> ±0.8 °C
Specific conductance	≤ ±3%	> ±3 to 10%	> ±10 to 15%	> ±15%
Dissolved oxygen	≤ ±0.3 mg/L	> ±0.3 to 0.5 mg/L	> ±0.5 to 0.8 mg/L	> ±0.8 mg/L
pH	≤ ±0.2 unit	> ±0.2 to 0.5 unit	> ±0.5 to 0.8 unit	> ±0.8 unit
Turbidity	≤ ±5%	> ±5 to 10%	> ±10 to 15%	> ±15%

Arrangement of Records

Water-quality records collected at a surface-water daily record station are published immediately following that record, regardless of the frequency of sample collection. Station number and name are the same for both records. Where a surface-water daily record station is not available or where the water quality differs significantly from that at the nearby surface-water station, the continuing water-quality record is published with its own station number and name in the regular downstream-order sequence. Water-quality data for partial-record stations and for miscellaneous sampling sites appear in separate tables following the table of discharge measurements at miscellaneous sites.

On-Site Measurements and Sample Collection

In obtaining water-quality data, a major concern is assuring that the data obtained represent the naturally occurring quality of the water. To ensure this, certain measurements, such as water temperature, pH, and dissolved oxygen, must be made on site when the samples are taken. To assure that measurements made in the laboratory also represent the naturally occurring water, carefully prescribed procedures must be followed in collecting the samples, in treating the samples to prevent changes in quality pending analysis, and in shipping the samples to the laboratory. Procedures for on-site measurements and for collecting, treating, and shipping samples are given in TWRI's Book 1, Chapter D2; Book 3, Chapters A1, A3, and A4; and Book 9, Chapters A1-A9. Most of the methods used for collecting and analyzing water samples are described in the TWRI's, which may be accessed from <http://water.usgs.gov/pubs/twri/>. Also, detailed information on collecting, treating, and shipping samples can be obtained from the USGS District office (see address that is shown on the back of title page in this report).

Water Temperature

Water temperatures are measured at most of the water-quality stations. In addition, water temperatures are taken at the time of discharge measurements for water-discharge stations. For stations where water temperatures are taken manually once or twice daily, the water temperatures are taken at about the same

time each day. Large streams have a small diurnal temperature change; shallow streams may have a daily range of several degrees and may follow closely the changes in air temperature. Some streams may be affected by waste-heat discharges.

At stations where recording instruments are used, either mean temperatures or maximum and minimum temperatures for each day are published. Water temperatures measured at the time of water-discharge measurements are on file in the District office.

Sediment

Suspended-sediment concentrations are determined from samples collected by using depth-integrating samplers. Samples usually are obtained at several verticals in the cross section, or a single sample may be obtained at a fixed point and a coefficient applied to determine the mean concentration in the cross section.

During periods of rapidly changing flow or rapidly changing concentration, samples may be collected more frequently (twice daily or, in some instances, hourly). The published sediment discharges for days of rapidly changing flow or concentration were computed by the subdivided-day method (time-discharge weighted average). Therefore, for those days when the published sediment discharge value differs from the value computed as the product of discharge times mean concentration times 0.0027, the reader can assume that the sediment discharge for that day was computed by the subdivided-day method. For periods when no samples were collected, daily discharges of suspended sediment were estimated on the basis of water discharge, sediment concentrations observed immediately before and after the periods, and suspended-sediment loads for other periods of similar discharge.

At other stations, suspended-sediment samples are collected periodically at many verticals in the stream cross section. Although data collected periodically may represent conditions only at the time of observation, such data are useful in establishing seasonal relations between quality and streamflow and in predicting long-term sediment-discharge characteristics of the stream.

In addition to the records of suspended-sediment discharge, records of the periodic measurements of the particle-size distribution of the suspended sediment and bed material are included for some stations.

Laboratory Measurements

Samples for biochemical oxygen demand (BOD) and indicator bacteria are analyzed locally. All other samples are analyzed in the USGS laboratory in Lakewood, Colorado, unless otherwise noted. Methods used in analyzing sediment samples and computing sediment records are given in TWRI, Book 5, Chapter C1. Methods used by the USGS laboratories are given in the TWRI, Book 1, Chapter D2; Book 3, Chapter C2; and Book 5, Chapters A1, A3, and A4. The TWRI publications may be accessed from <http://water.usgs.gov/pubs/twri/>. These methods are consistent with ASTM standards and generally follow ISO standards.

Data Presentation

For continuing-record stations, information pertinent to the history of station operation is provided in descriptive headings preceding the tabular data. These descriptive headings give details regarding location, drainage area, period of record, type of data available, instrumentation, general remarks, cooperation, and extremes for parameters currently measured daily. Tables of chemical, physical, biological, radiochemical data, and so forth, obtained at a frequency less than daily are presented first. Tables of "daily values" of

specific conductance, pH, water temperature, dissolved oxygen, and suspended sediment then follow in sequence.

In the descriptive headings, if the location is identical to that of the discharge gaging station, neither the LOCATION nor the DRAINAGE AREA statements are repeated. The following information is provided with each continuous-record station. Comments that follow clarify information presented under the various headings of the station description.

LOCATION.—See Data Presentation information in the EXPLANATION OF STAGE- AND WATER-DISCHARGE RECORDS section of this report (same comments apply).

DRAINAGE AREA.—See Data Presentation information in the EXPLANATION OF STAGE- AND WATER-DISCHARGE RECORDS section of this report (same comments apply).

PERIOD OF RECORD.—This indicates the time periods for which published water-quality records for the station are available. The periods are shown separately for records of parameters measured daily or continuously and those measured less than daily. For those measured daily or continuously, periods of record are given for the parameters individually.

INSTRUMENTATION.—Information on instrumentation is given only if a water-quality monitor temperature record, sediment pumping sampler, or other sampling device is in operation at a station.

REMARKS.—Remarks provide added information pertinent to the collection, analysis, or computation of the records.

COOPERATION.—Records provided by a cooperating organization or obtained for the USGS by a cooperating organization are identified here.

EXTREMES.—Maximums and minimums are given only for parameters measured daily or more frequently. For parameters measured weekly or less frequently, true maximums or minimums may not have been obtained. Extremes, when given, are provided for both the period of record and for the current water year.

REVISIONS.—Records are revised if errors in published water-quality records are discovered. Appropriate updates are made in the USGS distributed data system, NWIS, and subsequently to its Web-based National data system, NWISWeb (<http://waterdata.usgs.gov/nwis>). Users of USGS water-quality data are encouraged to obtain all required data from NWIS or NWISWeb to ensure that they have the most recent updates. Updates to the NWISWeb are made on an annual basis.

The surface-water-quality records for partial-record stations and miscellaneous sampling sites are published in separate tables following the table of discharge measurements at miscellaneous sites. No descriptive statements are given for these records. Each station is published with its own station number and name in the regular downstream-order sequence.

Remark Codes

The following remark codes may appear with the water-quality data in this section:

Printed Output	Remark
E	Value is estimated.
>	Actual value is known to be greater than the value shown.
<	Actual value is known to be less than the value shown.
M	Presence of material verified, but not quantified.
N	Presumptive evidence of presence of material.
U	Material specifically analyzed for, but not detected.
A	Value is an average.
V	Analyte was detected in both the environmental sample and the associated blanks.
S	Most probable value.

Water-Quality Control Data

The USGS National Water Quality Laboratory collects quality-control data on a continuing basis to evaluate selected analytical methods to determine long-term method detection levels (LT-MDLs) and laboratory reporting levels (LRLs). These values are re-evaluated each year on the basis of the most recent quality-control data and, consequently, may change from year to year.

This reporting procedure limits the occurrence of false positive error. Falsely reporting a concentration greater than the LT-MDL for a sample in which the analyte is not present is 1 percent or less. Application of the LRL limits the occurrence of false negative error. The chance of falsely reporting a non-detection for a sample in which the analyte is present at a concentration equal to or greater than the LRL is 1 percent or less.

Accordingly, concentrations are reported as less than LRL for samples in which the analyte was either not detected or did not pass identification. Analytes detected at concentrations between the LT-MDL and the LRL and that pass identification criteria are estimated. Estimated concentrations will be noted with a remark code of "E." These data should be used with the understanding that their uncertainty is greater than that of data reported without the E remark code.

Data generated from quality-control (QC) samples are a requisite for evaluating the quality of the sampling and processing techniques as well as data from the actual samples themselves. Without QC data, environmental sample data cannot be adequately interpreted because the errors associated with the sample data are unknown. The various types of QC samples collected by this District office are described in the following section. Procedures have been established for the storage of water-quality-control data within the USGS. These procedures allow for storage of all derived QC data and are identified so that they can be related to corresponding environmental samples. These data are not presented in this report but are available from the District office.

Blank Samples

Blank samples are collected and analyzed to ensure that environmental samples have not been contaminated in the overall data-collection process. The blank solution used to develop specific types of

blank samples is a solution that is free of the analytes of interest. Any measured value signal in a blank sample for an analyte (a specific component measured in a chemical analysis) that was absent in the blank solution is believed to be due to contamination. Many types of blank samples are possible; each is designed to segregate a different part of the overall data-collection process. The types of blank samples collected in this district are:

Field blank—A blank solution that is subjected to all aspects of sample collection, field processing preservation, transportation, and laboratory handling as an environmental sample.

Trip blank—A blank solution that is put in the same type of bottle used for an environmental sample and kept with the set of sample bottles before and after sample collection.

Equipment blank—A blank solution that is processed through all equipment used for collecting and processing an environmental sample (similar to a field blank but normally done in the more controlled conditions of the office).

Sampler blank—A blank solution that is poured or pumped through the same field sampler used for collecting an environmental sample.

Filter blank—A blank solution that is filtered in the same manner and through the same filter apparatus used for an environmental sample.

Splitter blank—A blank solution that is mixed and separated using a field splitter in the same manner and through the same apparatus used for an environmental sample.

Preservation blank—A blank solution that is treated with the sampler preservatives used for an environmental sample.

Reference Samples

Reference material is a solution or material prepared by a laboratory. The reference material composition is certified for one or more properties so that it can be used to assess a measurement method. Samples of reference material are submitted for analysis to ensure that an analytical method is accurate for the known properties of the reference material. Generally, the selected reference material properties are similar to the environmental sample properties.

Replicate Samples

Replicate samples are a set of environmental samples collected in a manner such that the samples are thought to be essentially identical in composition. Replicate is the general case for which a duplicate is the special case consisting of two samples. Replicate samples are collected and analyzed to establish the amount of variability in the data contributed by some part of the collection and analytical process. Many types of replicate samples are possible, each of which may yield slightly different results in a dynamic hydrologic setting, such as a flowing stream. The types of replicate samples collected in this district are:

Concurrent samples—A type of replicate sample in which the samples are collected simultaneously with two or more samplers or by using one sampler and alternating the collection of samples into two or more compositing containers.

Sequential samples—A type of replicate sample in which the samples are collected one after the other, typically over a short time.

Split sample—A type of replicate sample in which a sample is split into subsamples, each subsample contemporaneous in time and space.

Spike Samples

Spike samples are samples to which known quantities of a solution with one or more well-established analyte concentrations have been added. These samples are analyzed to determine the extent of matrix interference or degradation on the analyte concentration during sample processing and analysis.

EXPLANATION OF GROUND-WATER-LEVEL RECORDS

Generally, only ground-water-level data from selected wells with continuous recorders from a basic network of observation wells are published in this report. This basic network contains observation wells located so that the most significant data are obtained from the fewest wells in the most important aquifers.

Site Identification Numbers

Each well is identified by means of (1) a 15-digit number that is based on latitude and longitude and (2) a local number that is produced for local needs.

Data Collection and Computation

Measurements are made in many types of wells, under varying conditions of access and at different temperatures; hence, neither the method of measurement nor the equipment can be standardized. At each observation well, however, the equipment and techniques used are those that will ensure that measurements at each well are consistent.

Most methods for collecting and analyzing water samples are described in the TWRI's referred to in the On-site Measurements and Sample Collection and the Laboratory Measurements sections in this report. In addition, TWRI Book 1, Chapter D2, describes guidelines for the collection and field analysis of ground-water samples for selected unstable constituents. Procedures for on-site measurements and for collecting, treating, and shipping samples are given in TWRI's Book 1, Chapter D2; Book 3, Chapters A1, A3, and A4; and Book 9, Chapters A1 through A9. The TWRI publications may be accessed from <http://water.usgs.gov/pubs/twri/>. The values in this report represent water-quality conditions at the time of sampling, as much as possible, and that are consistent with available sampling techniques and methods of analysis. These methods are consistent with ASTM standards and generally follow ISO standards. Trained personnel collected all samples. The wells sampled were pumped long enough to ensure that the water collected came directly from the aquifer and had not stood for a long time in the well casing where it would have been exposed to the atmosphere and to the material, possibly metal, comprising the casings.

Water-level measurements in this report are given in feet with reference to land-surface datum (lsd). Land-surface datum is a datum plane that is approximately at land surface at each well. If known, the elevation of the land-surface datum above sea level is given in the well description. The height of the measuring point (MP) above or below land-surface datum is given in each well description. Water levels in wells equipped with recording gages are reported for every fifth day and the end of each month (EOM).

Water levels are reported to as many significant figures as can be justified by the local conditions. For example, in a measurement of a depth of water of several hundred feet, the error in determining the absolute value of the total depth to water may be a few tenths of a foot, whereas the error in determining the net change of water level between successive measurements may be only a hundredth or a few hundredths of a foot. For lesser depths to water the accuracy is greater. Accordingly, most measurements are reported to a hundredth of a foot, but some are given only to a tenth of a foot or a larger unit.

Data Presentation

Water-level data are presented in alphabetical order by county. The primary identification number for a given well is the 15-digit site identification number that appears in the upper left corner of the table. The secondary identification number is the local or county well number. Well locations are shown in figure 9; each well is identified on the map by its local well or county well number.

Each well record consists of three parts: the well description, the data table of water levels observed during the water year, and, for most wells, a hydrograph following the data table. Well descriptions are presented in the headings preceding the tabular data.

The following comments clarify information presented in these various headings.

LOCATION.—This paragraph follows the well-identification number and reports the hydrologic-unit number and a geographic point of reference. Latitudes and longitudes used in this report are reported as North American Datum of 1927 unless otherwise specified.

AQUIFER.—This entry designates by name and geologic age the aquifer that the well taps.

WELL CHARACTERISTICS.—This entry describes the well in terms of depth, casing diameter and depth or screened interval, method of construction, use, and changes since construction.

INSTRUMENTATION.—This paragraph provides information on both the frequency of measurement and the collection method used, allowing the user to better evaluate the reported water-level extremes by knowing whether they are based on continuous, monthly, or some other frequency of measurement.

DATUM.—This entry describes both the measuring point and the land-surface elevation at the well. The altitude of the land-surface datum is described in feet above the altitude datum; it is reported with a precision depending on the method of determination. The measuring point is described physically (such as top of casing, top of instrument shelf, and so forth), and in relation to land surface (such as 1.3 ft above land-surface datum). The elevation of the land-surface datum is described in feet above National Geodetic Vertical Datum of 1929 (NGVD 29); it is reported with a precision depending on the method of determination.

REMARKS.—This entry describes factors that may influence the water level in a well or the measurement of the water level, when various methods of measurement were begun, and the network (climatic, terrane, local, or areal effects) or the special project to which the well belongs.

PERIOD OF RECORD.—This entry indicates the time period for which records are published for the well, the month and year at the start of publication of water-level records by the USGS, and the words “to current year” if the records are to be continued into the following year. Time periods for which water-level records are available, but are not published by the USGS, may be noted.

EXTREMES FOR PERIOD OF RECORD.—This entry contains the highest and lowest instantaneously recorded or measured water levels of the period of published record, with respect to land-surface datum or sea level, and the dates of occurrence.

Water-Level Tables

A table of water levels follows the well description for each well. Water-level measurements in this report are given in feet with reference to either sea level or land-surface datum (l_{sd}). Missing records are indicated by dashes in place of the water-level value.

For wells not equipped with recorders, water-level measurements were obtained periodically by steel or electric tape. Tables of periodic water-level measurements in these wells show the date of measurement and the measured water-level value.

Hydrographs

Hydrographs are a graphic display of water-level fluctuations over a period of time. In this report, current water year and, when appropriate, period-of-record hydrographs are shown. Hydrographs that display periodic water-level measurements show points that may be connected with a dashed line from one measurement to the next. Hydrographs that display recorder data show a solid line representing the mean water level recorded for each day. Missing data are indicated by a blank space or break in a hydrograph. Missing data may occur as a result of recorder malfunctions, battery failures, or mechanical problems related to the response of the recorder's float mechanism to water-level fluctuations in a well.

GROUND-WATER-QUALITY DATA

Data Collection and Computation

The ground-water-quality data in this report were obtained as a part of special studies in specific areas. Consequently, a number of chemical analyses are presented for some wells within a county but not for others. As a result, the records for this year, by themselves, do not provide a balanced view of ground-water quality Statewide.

Most methods for collecting and analyzing water samples are described in the TWRI, which may be accessed from <http://water.usgs.gov/pubs/twri/>. Procedures for on-site measurements and for collecting, treating, and shipping samples are given in TWRI, Book 1, Chapter D2; Book 5, Chapters A1, A3, and A4; and Book 9, Chapters A1-A6. Also, detailed information on collecting, treating, and shipping samples may be obtained from the USGS District office (see address shown on back of title page in this report).

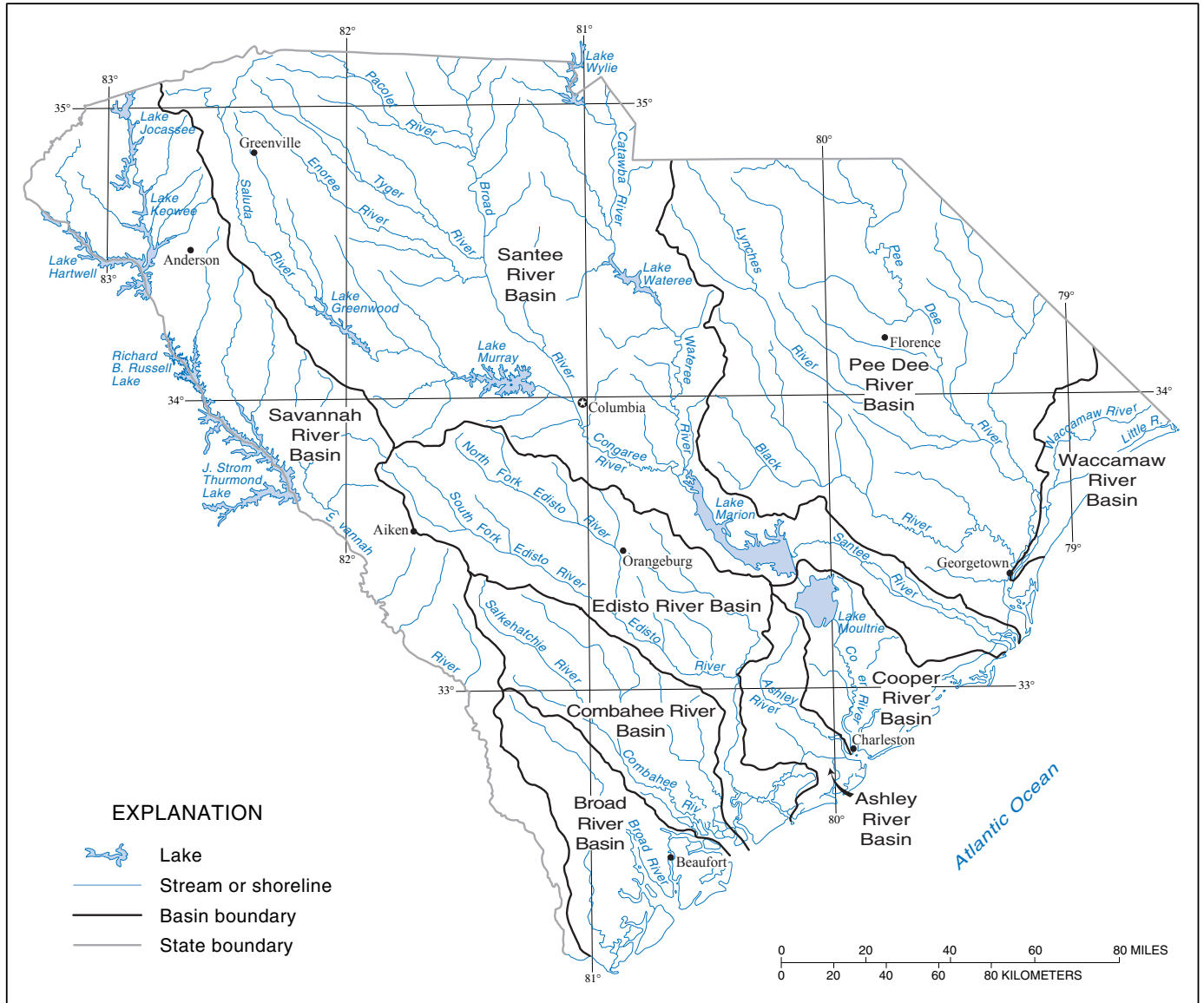
Laboratory Measurements

Analysis for sulfide and measurement of alkalinity, pH, water temperature, specific conductance, and dissolved oxygen are performed on site. All other sample analyses are performed at the USGS laboratory in Lakewood, Colorado, unless otherwise noted. Methods used by the USGS laboratory are given in TWRI, Book 1, Chapter D2 and Book 5, Chapters A1, A3, and A4, which may be accessed from <http://water.usgs.gov/pubs/twri/>.

ACCESS TO USGS WATER DATA

The USGS provides near real-time stage and discharge data for many of the gaging stations equipped with the necessary telemetry and historic daily mean and peak-flow discharge data for most current or discontinued gaging stations through the World Wide Web (WWW). These data may be accessed from <http://water.usgs.gov>.

Water-quality data and ground-water data also are available through the WWW. In addition, data can be provided in various machine-readable formats on various media. Information about the availability of specific types of data or products, and user charges, can be obtained locally from each Water Discipline District Office (See address that is shown on the back of the title page of this report.)



Base from U.S. Geological Survey
1:2,000,000-scale digital line graphs

ALBERS PROJECTION PARAMETERS: False easting: 0.00;
False northing: 0.00; Central meridian: -96.00;
First standard parallel: 29.50; Second standard parallel: 45.50;
Latitude of origin: 23.00; Datum: North American 1927; Rotation: -8.5

Figure 3. Major streams, lakes, and basins in South Carolina.



Figure 4. Location of streamflow gaging stations.

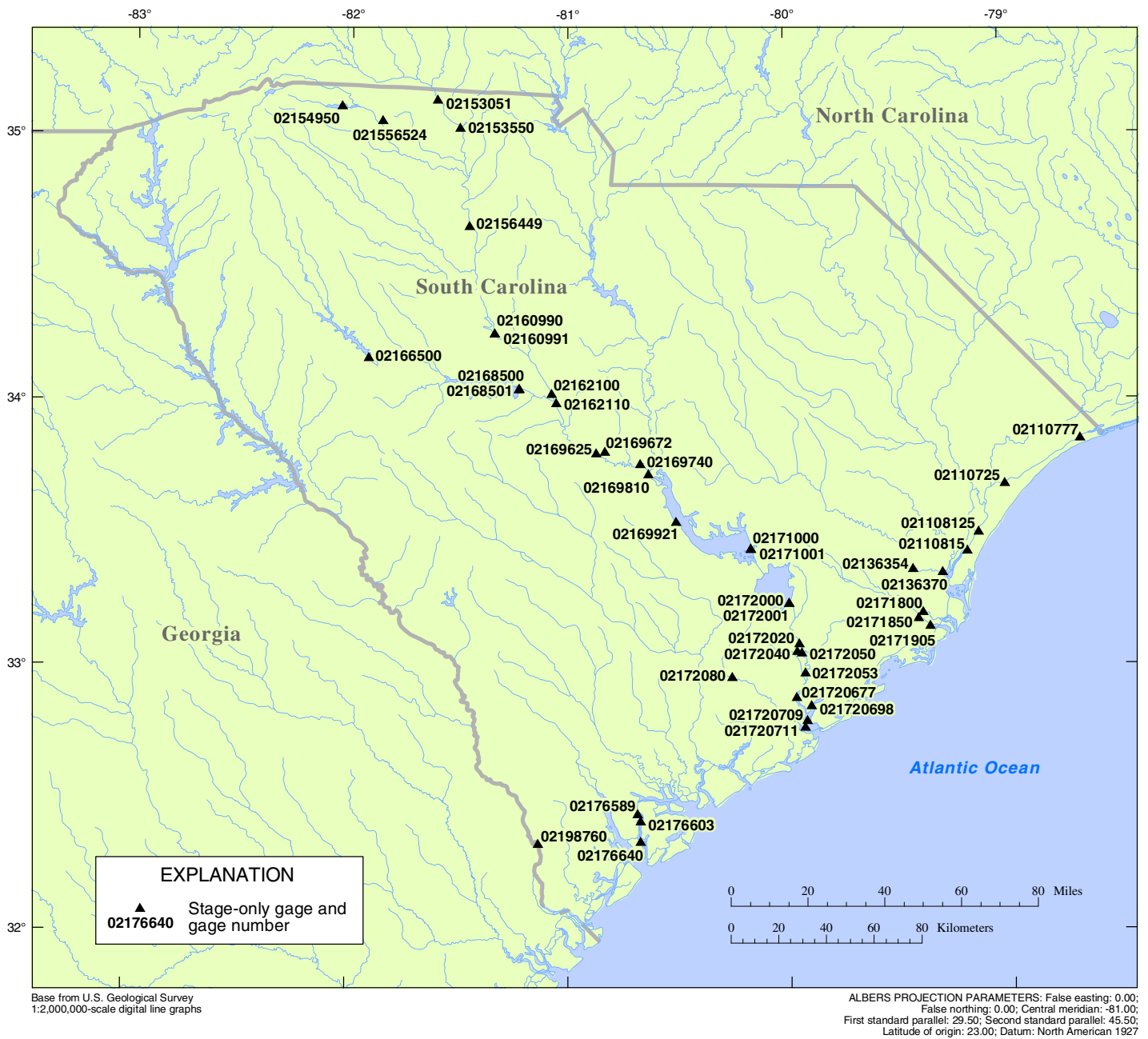


Figure 5. Location of stage-only stations.



Figure 6. Location of water-quality stations.

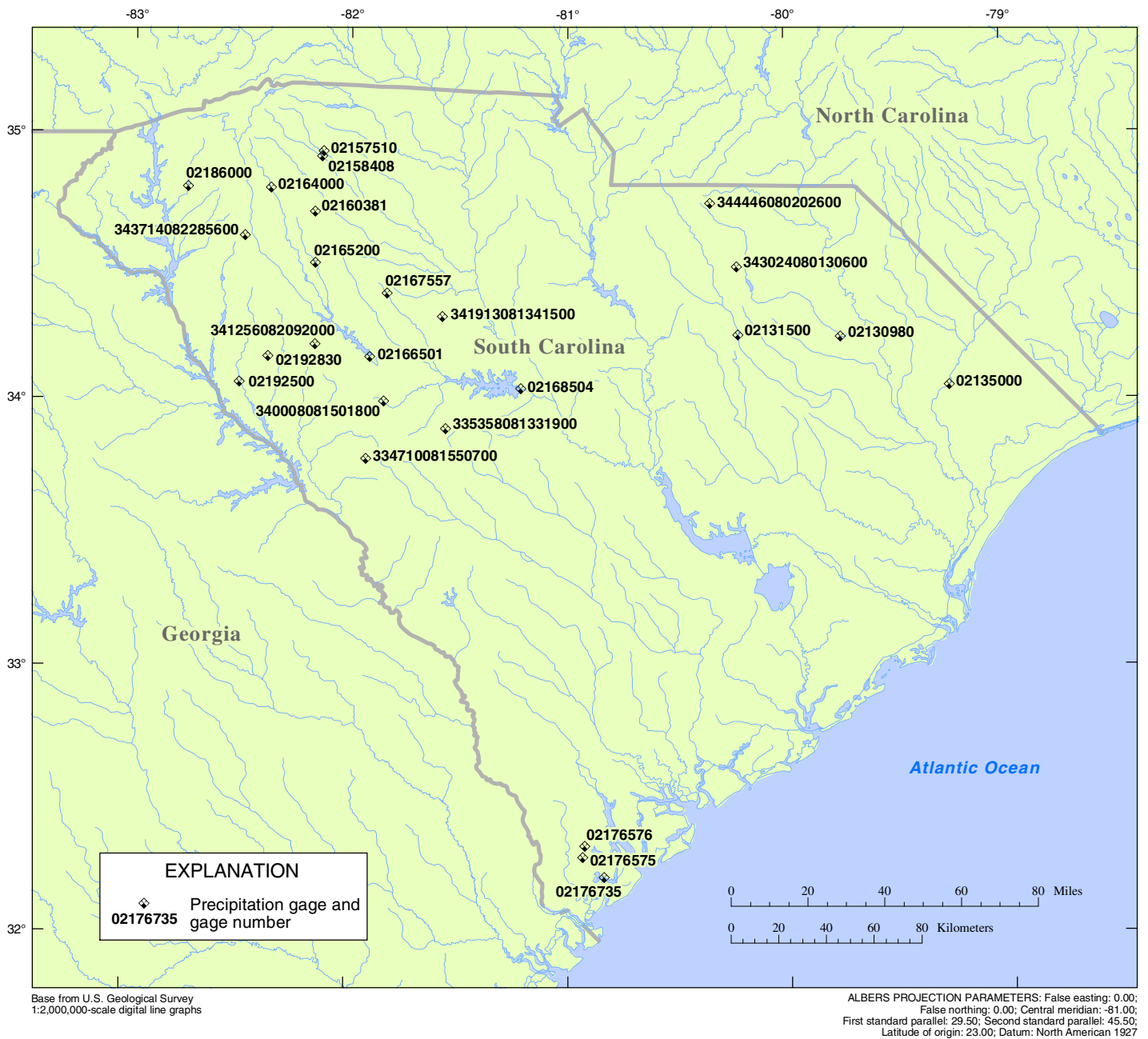


Figure 7. Location of precipitation stations.

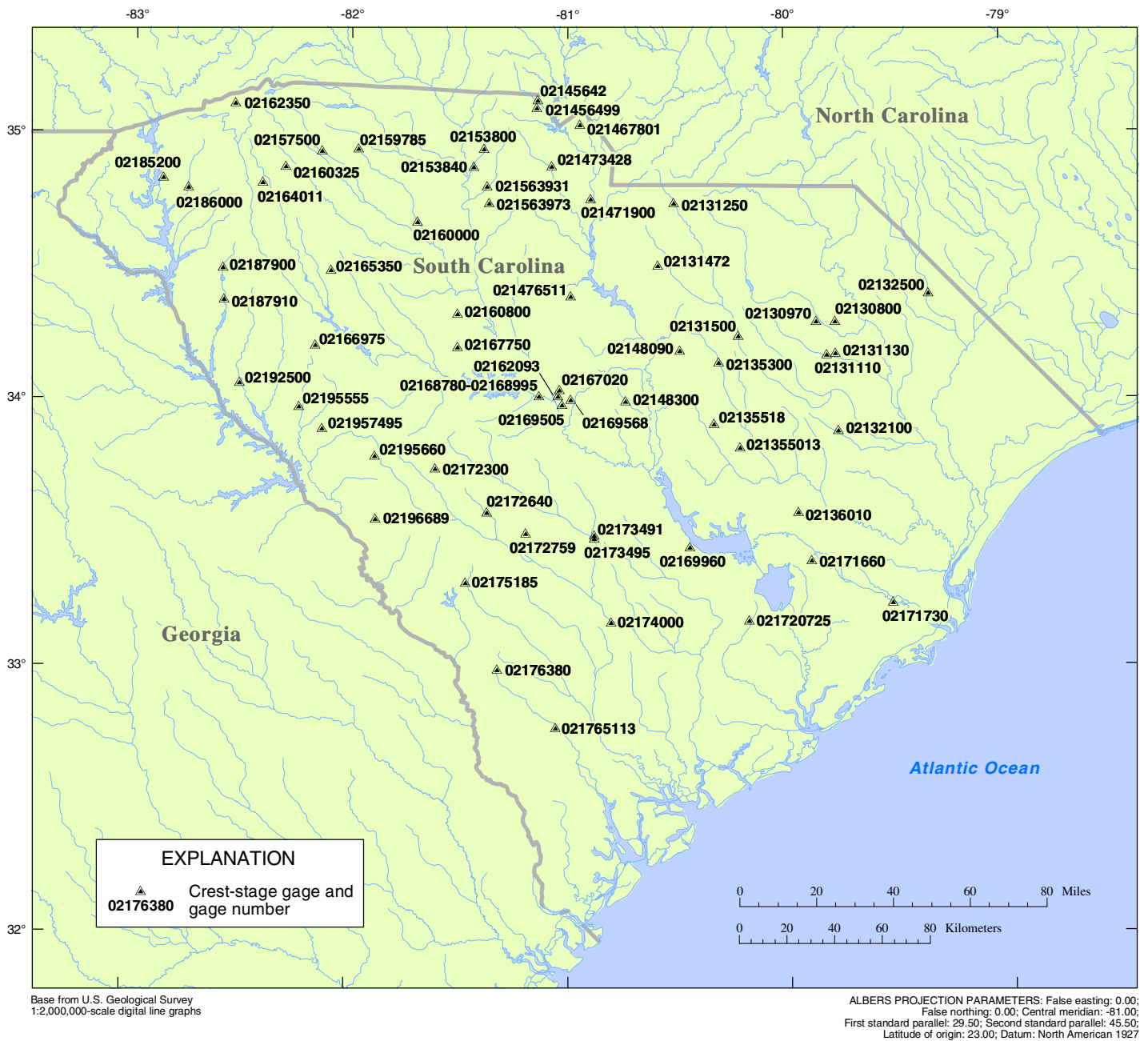


Figure 8. Location of crest-stage stations.

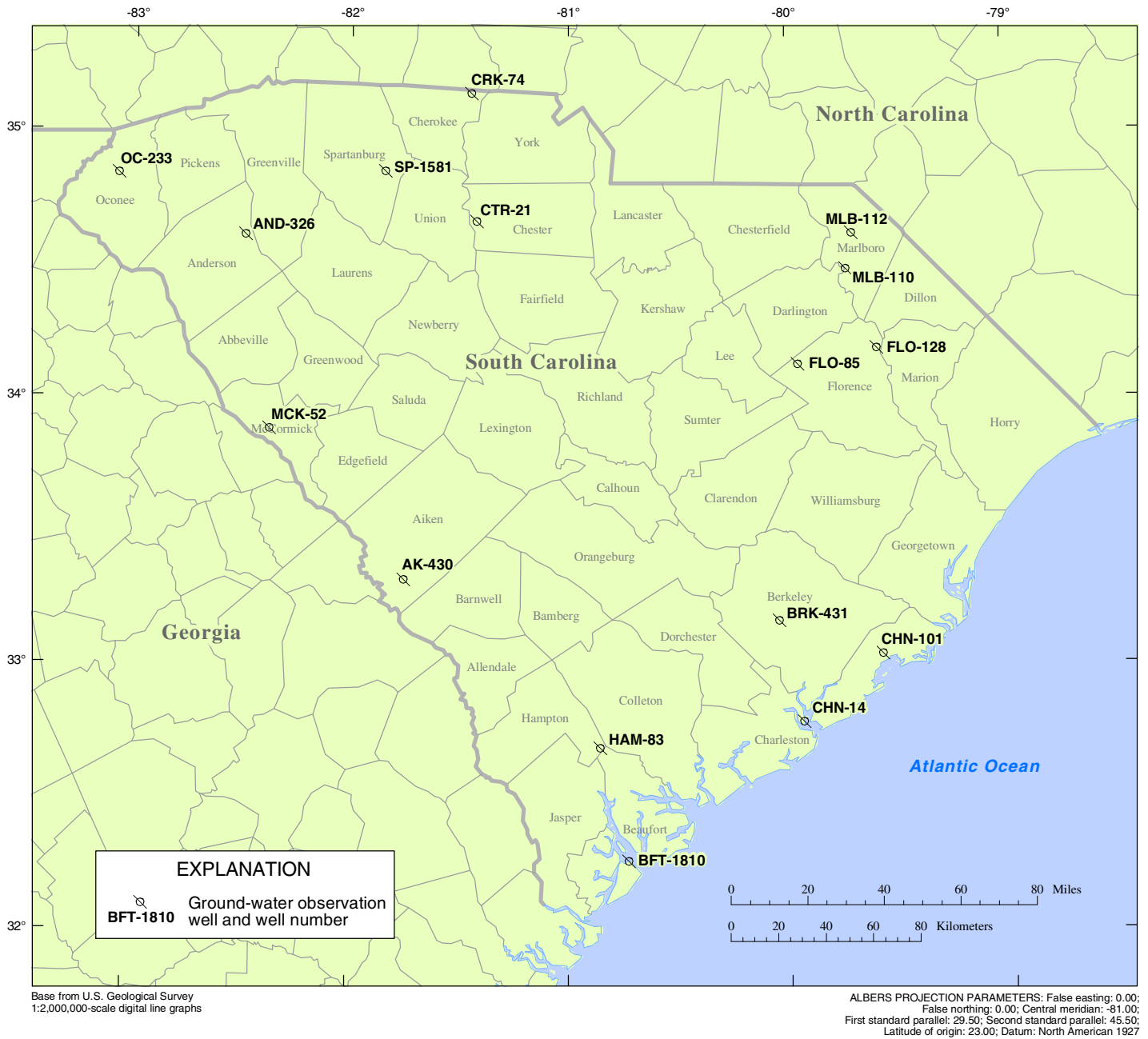


Figure 9. Location of ground-water wells.

SURFACE WATER RECORDS

WACCAMAW RIVER BASIN

02110500 WACCAMAW RIVER NEAR LONGS, SC

LOCATION.--Lat 33°54'45'', long 78°42'55'', Horry County, Hydrologic Unit 03040206, on the upstream side of the upstream bridge on State Highway 9, 500 ft downstream from Buck Creek, 2.1 mi southeast of Longs, and at mile 85.4.

DRAINAGE AREA.--1,110 mi², approximately.

PERIOD OF RECORD.--March 1950 to current year.

GAGE.--Data collection platform. Datum of gage is 5.28 ft above NGVD of 1929 (levels by Corps of Engineers). Prior to Aug. 11, 1967, nonrecording gage at same site and datum.

REMARKS.--No estimated daily discharges. Records fair.

DAY	Discharge, cubic feet per second											
	WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004											
	DAILY MEAN VALUES											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1010	2100	864	1990	1280	3330	630	283	94	30	45	4790
2	957	2510	821	1870	1370	3200	572	301	82	29	44	5030
3	893	2800	776	1750	1460	3110	515	405	78	31	54	5190
4	830	2900	739	1630	1530	3070	467	533	78	30	77	5250
5	762	2890	736	1510	1550	3010	420	583	73	27	71	5110
6	686	2820	716	1430	1540	2920	379	627	79	26	182	4840
7	611	2720	695	1350	1550	2800	343	668	104	28	153	4530
8	608	2590	675	1270	1530	2690	309	705	92	38	142	4190
9	842	2440	659	1200	1490	2550	280	732	79	56	154	4040
10	969	2310	666	1140	1480	2490	254	737	75	92	165	3810
11	1150	2190	844	1080	1460	2400	230	720	76	126	165	4280
12	1290	2090	905	1020	1580	2290	211	682	76	157	169	4920
13	1350	1990	958	969	1840	2170	217	629	73	144	713	4940
14	1380	1870	1240	920	1960	2050	235	568	69	131	1100	4790
15	1390	1760	1550	875	2520	1930	223	506	64	105	2050	4690
16	1380	1670	1820	832	2750	1850	217	446	59	83	3300	4740
17	1340	1570	2040	793	2880	1740	215	393	55	74	3920	4670
18	1280	1480	2200	761	3170	1610	213	347	50	75	4490	4740
19	1200	1450	2340	727	3360	1490	207	308	47	78	5350	4500
20	1100	1460	2420	690	3450	1410	199	275	43	66	5970	4160
21	1010	1400	2470	654	3510	1340	188	245	40	56	6100	3820
22	914	1330	2480	621	3500	1270	181	214	38	49	5900	3530
23	822	1260	2470	589	3460	1190	184	189	36	43	5610	3240
24	736	1190	2490	555	3410	1120	198	169	34	44	5200	2980
25	656	1120	2470	525	3330	1060	216	152	34	54	4750	2730
26	599	1070	2430	567	3310	1010	235	135	31	44	4350	2500
27	555	1030	2380	911	3500	946	263	120	30	35	4080	2320
28	541	992	2320	1030	3590	883	275	106	28	36	3860	2170
29	1080	951	2260	1080	3480	816	278	95	32	43	4250	2030
30	1480	906	2170	1140	---	748	278	115	33	44	5000	1880
31	1740	---	2090	1200	---	691	---	125	---	43	4940	---
TOTAL	31161	54859	49694	32679	70840	59184	8632	12113	1782	1917	82354	120410
MEAN	1005	1829	1603	1054	2443	1909	288	391	59.4	61.8	2657	4014
MAX	1740	2900	2490	1990	3590	3330	630	737	104	157	6100	5250
MIN	541	906	659	525	1280	691	181	95	28	26	44	1880
CFSM	0.91	1.65	1.44	0.95	2.20	1.72	0.26	0.35	0.05	0.06	2.39	3.62
IN.	1.04	1.84	1.67	1.10	2.37	1.98	0.29	0.41	0.06	0.06	2.76	4.04

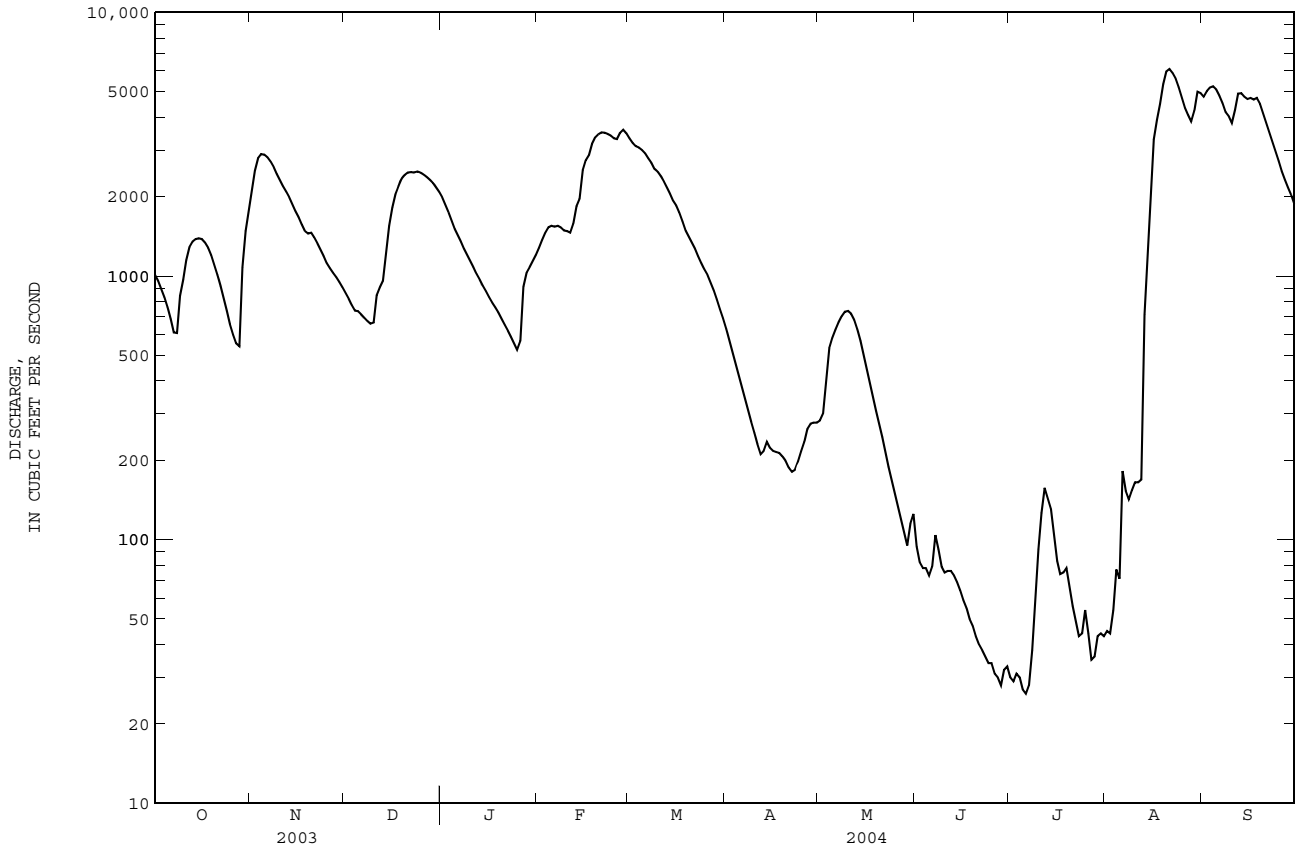
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1950 - 2004, BY WATER YEAR (WY)

MEAN	1007	637	785	1733	2311	2508	1724	685	548	785	1115	1419
MAX	10080	3096	2780	6330	9142	7748	5072	5441	2422	6191	5643	11810
(WY)	2000	2000	1995	1993	1998	1983	1958	1999	1969	1961	1981	1999
MIN	5.13	6.20	16.7	65.3	260	363	186	28.6	14.8	13.2	14.5	3.70
(WY)	1984	1984	2002	2002	1989	1955	2002	2002	2002	1952	1954	1954

WACCAMAW RIVER BASIN

02110500 WACCAMAW RIVER NEAR LONGS, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1950 - 2004	
ANNUAL TOTAL	660431		525625		1267	
ANNUAL MEAN	1809		1436		2457	
HIGHEST ANNUAL MEAN					1999	
LOWEST ANNUAL MEAN					2002	
HIGHEST DAILY MEAN	6630	Mar 23	6100	Aug 21	28100	Sep 23 1999
LOWEST DAILY MEAN	358	Sep 18	26	Jul 6	1.0	Oct 14 1954
ANNUAL SEVEN-DAY MINIMUM	434	Jan 31	29	Jul 1	2.0	Sep 7 1954
MAXIMUM PEAK FLOW			6150	Aug 21	28200	Sep 22 1999
MAXIMUM PEAK STAGE			12.02	Aug 21	17.94	Sep 22 1999
INSTANTANEOUS LOW FLOW			25	Jul 6	1.0	Oct 14 1954
ANNUAL RUNOFF (CFSM)	1.63		1.29		1.14	
ANNUAL RUNOFF (INCHES)	22.13		17.62		15.50	
10 PERCENT EXCEEDS	3100		3660		3130	
50 PERCENT EXCEEDS	1280		958		708	
90 PERCENT EXCEEDS	652		56		53	



WACCAMAW RIVER BASIN

02110704 WACCAMAW RIVER AT CONWAY MARINA AT CONWAY, SC--Continued

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	1920	-356	---	---	1330	-1400	1510	-1570	1700	-1380	6540	5360
2	1870	-682	---	---	1370	-1350	1610	-1580	1730	-1160	6700	5810
3	1840	-878	---	---	1310	-1310	1660	-1370	1630	-999	6400	5690
4	1780	-772	---	---	1310	-1360	1720	-1310	1700	-1030	6180	5600
5	1780	-826	---	---	1350	-1290	1710	-1340	1680	-1110	6060	5400
6	1660	-882	---	---	1470	-1310	1800	-1440	1660	-1100	5900	5370
7	1770	-878	---	---	1560	-1140	1620	-1350	1670	-913	6020	5360
8	1660	-1000	---	---	1620	-1280	1660	-1190	1740	-949	5880	5130
9	1650	-1120	---	---	1530	-1230	1660	-1210	1660	-1260	5910	5160
10	1590	-1050	---	---	1600	-1260	1650	-1160	1550	-1330	5990	5110
11	1650	-924	---	---	1610	-1410	1720	-1160	1460	-1380	5720	5180
12	1590	-1140	---	---	1540	-1520	1940	-678	1730	-1110	5770	4960
13	1630	-1060	---	---	1530	-1210	1960	-1110	3570	1050	5720	4970
14	1620	-952	---	---	1680	-1230	1690	-1380	6350	2330	5520	4940
15	1500	-1300	---	---	1650	-1340	1550	-1440	7480	5680	5530	4840
16	1490	-1290	---	---	1490	-1480	1610	-1380	7740	6530	5580	4920
17	1580	-1190	---	---	1420	-1550	1980	-1270	6990	5650	5580	4880
18	1540	-1270	---	---	1420	-1690	2030	-701	5890	5150	5490	4890
19	1440	-1210	---	---	1460	-1680	1980	-773	5560	4710	5410	4780
20	1520	-1240	1300	-895	1450	-1650	1890	-982	5400	4570	5260	4590
21	1380	-1370	1230	-1110	1490	-1390	1710	-1250	5190	4460	5140	4450
22	1390	-1390	1360	-1170	1610	-1240	1660	-1380	5310	4600	5200	4410
23	1460	-1280	1290	-1270	1480	-1330	1590	-1320	5370	4650	5190	4310
24	1450	-1290	1290	-1190	1480	-1430	1790	-1170	5440	4690	5150	4260
25	---	---	1230	-1200	1280	-1810	1690	-1330	5370	4540	4880	4110
26	---	---	1260	-1220	1410	-1480	1600	-1470	5370	4710	4560	3900
27	---	---	1280	-1150	1310	-1640	1550	-1550	5390	4720	4400	3700
28	---	---	1320	-1210	1480	-1590	1500	-1620	5340	4700	4090	3550
29	---	---	1290	-1380	1420	-1720	1460	-1680	5570	4760	3840	3380
30	---	---	1390	-1220	1500	-1600	1450	-1640	5780	5270	3810	3100
31	---	---	1420	-1090	---	---	1620	-1630	5860	5350	---	---
MONTH	---	---	---	---	1680	-1810	2030	-1680	7740	-1380	6700	3100

02110704 WACCAMAW RIVER AT CONWAY MARINA AT CONWAY, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1991 to current year.

PERIOD OF DAILY RECORD.--

TEMPERATURE: October 1991 to current year.

DISSOLVED OXYGEN: October 1990 to current year.

INSTRUMENTATION.--Water-quality multiprobe and data collection platform.

REMARKS.--Temperature records rated excellent except for Nov. 18 to Dec. 17, which are good. Dissolved oxygen records rated good except for Sep. 3-13, which are fair. The water-quality probes could not be accessed during the flooding in September 1996. A dissolved-oxygen concentration of 1.0 mg/l was measured on Sept. 16, 1996, Oct. 7, 8, 1999, it may have been lower during the period of missing record.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 34.0°C, Jun. 24, 25, 1996; minimum, 2.5°C, Jan. 28-30, 2000, Jan. 3-6, 2001.

DISSOLVED OXYGEN: Maximum, 13.9 mg/L, Jan. 6, 2001; minimum recorded, 1.0 mg/L, Sep. 16, 1996, Oct. 7, 8, 1999.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 32.1°C, July 8; minimum, 3.7°C, Jan. 29.

DISSOLVED OXYGEN: Maximum, 10.9 mg/L, Jan. 29, 30; minimum 1.5 mg/L, Sep. 10, 11.

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	22.1	21.6	21.8	17.3	16.8	17.1	13.1	12.5	12.7	7.7	7.0	7.5
2	21.6	20.7	21.2	17.3	16.8	17.1	12.5	11.5	12.0	7.9	7.6	7.7
3	20.7	19.9	20.3	17.6	17.0	17.3	11.5	10.5	11.0	8.3	7.8	8.1
4	20.0	19.5	19.7	18.2	17.6	17.9	10.5	9.8	10.0	9.3	8.3	8.8
5	19.9	19.4	19.7	19.0	18.2	18.6	9.8	9.5	9.6	10.6	9.3	10.0
6	19.9	19.4	19.6	19.6	19.0	19.3	9.5	9.1	9.3	---	---	---
7	20.1	19.7	19.8	20.1	19.6	19.9	9.2	8.7	8.9	11.0	10.4	10.8
8	20.0	19.7	19.8	20.1	19.7	20.0	8.7	8.2	8.4	10.4	9.5	10.0
9	20.5	19.8	20.1	19.7	18.2	19.0	8.4	8.0	8.2	9.5	8.5	9.1
10	20.5	20.3	20.4	18.2	16.8	17.5	8.9	8.0	8.4	---	---	---
11	20.4	20.4	20.4	16.8	16.1	16.4	9.5	8.7	9.2	---	---	---
12	20.7	20.2	20.5	16.2	15.8	16.0	9.2	8.6	8.9	---	---	---
13	20.9	20.3	20.6	16.3	15.7	16.0	8.9	8.5	8.6	---	---	---
14	20.8	20.6	20.7	15.7	15.0	15.4	9.0	8.4	8.8	---	---	---
15	20.7	20.1	20.4	15.0	14.1	14.5	8.5	8.2	8.4	6.4	6.0	6.1
16	20.1	19.4	19.8	14.1	13.7	13.9	8.3	7.8	8.1	6.4	6.1	6.3
17	---	---	---	13.8	13.5	13.7	8.7	8.1	8.5	6.6	6.2	6.5
18	---	---	---	14.1	13.6	13.8	---	---	---	7.5	6.6	7.1
19	---	---	---	14.9	14.1	14.6	---	---	---	7.8	7.5	7.7
20	---	---	---	15.3	14.8	15.0	---	---	---	7.6	7.1	7.3
21	18.1	17.4	17.8	15.3	14.9	15.1	---	---	---	7.2	6.6	6.9
22	18.2	17.6	17.9	15.1	14.7	14.9	---	---	---	7.0	6.4	6.7
23	---	---	---	14.7	14.3	14.5	---	---	---	7.0	6.5	6.8
24	17.6	17.2	17.4	14.4	13.9	14.2	6.9	6.3	6.6	7.1	6.5	6.7
25	17.5	17.0	17.2	14.4	13.8	14.1	7.3	6.8	7.0	6.8	6.1	6.6
26	18.0	17.4	17.6	14.5	13.8	14.1	---	---	---	6.1	5.1	5.8
27	18.1	17.8	17.9	14.6	14.2	14.4	7.2	6.9	7.0	5.2	4.3	4.9
28	18.1	18.0	18.0	15.1	14.6	14.8	7.0	6.6	6.7	4.8	4.0	4.5
29	18.1	17.8	17.9	14.9	13.9	14.2	6.6	6.5	6.5	4.7	3.7	4.3
30	18.2	17.6	17.9	13.9	13.1	13.3	7.2	6.5	6.9	5.0	4.0	4.5
31	18.0	17.0	17.5	---	---	---	7.6	6.8	7.2	5.1	4.6	4.9
MONTH	---	---	---	20.1	13.1	15.9	---	---	---	---	---	---

02110704 WACCAMAW RIVER AT CONWAY MARINA AT CONWAY, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	4.9	4.5	4.7	9.0	8.0	8.4	17.1	16.6	16.8	23.6	23.1	23.2
2	5.2	4.3	4.7	10.7	9.0	9.8	16.6	16.0	16.2	23.4	22.8	23.1
3	5.8	5.0	5.4	12.2	10.7	11.4	16.4	15.4	15.9	23.6	22.4	23.0
4	6.5	5.5	5.9	13.6	12.2	12.9	16.7	15.9	16.2	22.5	21.9	22.1
5	6.9	5.9	6.5	14.9	13.6	14.3	16.5	15.8	16.1	22.4	21.4	21.8
6	8.4	6.8	7.6	15.9	14.9	15.5	16.4	15.6	16.0	22.7	21.2	22.0
7	9.6	8.3	9.1	16.6	15.9	16.2	16.8	15.6	16.2	23.1	21.7	22.5
8	10.0	9.3	9.6	---	---	---	17.2	16.4	16.8	23.8	22.5	23.1
9	9.6	9.3	9.5	---	---	---	18.1	16.9	17.4	24.0	23.2	23.7
10	9.4	9.0	9.3	---	---	---	18.6	17.6	18.0	24.1	23.5	23.8
11	9.3	9.0	9.1	---	---	---	19.4	18.3	18.7	24.3	23.8	24.0
12	9.0	8.6	8.9	---	---	---	19.9	19.3	19.5	24.8	24.0	24.4
13	8.9	8.5	8.7	13.8	13.4	13.5	20.1	19.4	19.7	25.0	24.3	24.6
14	8.8	8.4	8.6	13.7	13.3	13.5	19.6	18.6	19.1	25.3	24.4	24.8
15	8.6	8.5	8.6	14.2	13.5	13.9	19.2	18.1	18.6	25.4	24.6	25.0
16	8.6	8.1	8.4	14.8	14.2	14.6	19.2	18.1	18.7	25.6	24.9	25.2
17	8.3	6.8	7.7	15.4	14.8	15.1	19.6	18.2	18.9	25.9	25.0	25.4
18	7.3	6.6	7.0	15.9	15.1	15.5	20.2	18.7	19.4	26.1	25.1	25.6
19	7.3	6.7	7.0	16.5	15.4	16.0	20.6	19.6	20.1	26.3	25.3	25.9
20	8.1	7.2	7.6	16.5	16.0	16.2	21.0	20.0	20.5	26.7	25.6	26.2
21	9.3	8.0	8.7	16.8	16.1	16.5	21.9	20.5	21.1	27.2	26.1	26.7
22	9.9	9.3	9.6	16.4	15.7	16.1	22.2	21.1	21.7	27.8	26.8	27.2
23	10.1	9.7	9.9	15.8	14.8	15.4	22.7	21.6	22.2	28.3	27.2	27.7
24	10.5	10.0	10.3	15.0	14.2	14.6	23.5	22.4	23.0	28.7	27.6	28.0
25	10.6	10.2	10.4	14.8	13.8	14.3	24.7	23.2	23.8	29.0	28.0	28.5
26	10.2	9.3	9.8	15.4	13.8	14.5	24.8	23.8	24.2	29.9	28.4	28.9
27	9.3	8.0	8.7	16.1	14.5	15.3	24.2	23.7	23.9	30.0	28.8	29.3
28	8.0	7.3	7.8	17.1	15.7	16.4	24.1	23.2	23.5	30.0	28.8	29.4
29	8.1	7.6	7.8	17.3	16.5	16.9	23.5	22.8	23.2	30.3	28.9	29.5
30	---	---	---	17.3	16.9	17.1	23.6	22.7	23.1	30.2	29.0	29.7
31	---	---	---	17.5	16.9	17.1	---	---	---	30.0	28.9	29.3
MONTH	10.6	4.3	8.2	---	---	---	24.8	15.4	19.6	30.3	21.2	25.6

Temperature, water, degrees Celsius												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	29.5	28.5	29.0	29.5	28.7	29.1	30.7	29.8	30.3	25.2	24.9	25.1
2	29.7	28.6	29.2	29.6	28.7	29.1	30.9	29.9	30.2	25.3	24.8	25.1
3	29.7	28.9	29.3	29.7	28.4	28.9	30.6	29.0	30.0	25.0	24.5	24.7
4	29.6	28.8	29.2	29.3	27.3	28.6	30.8	28.8	30.0	24.9	24.4	24.6
5	29.5	28.6	29.0	30.0	28.2	29.1	31.1	29.4	30.3	24.9	24.5	24.7
6	29.8	28.7	29.3	31.0	29.0	29.8	30.4	29.5	30.0	24.7	24.5	24.6
7	29.5	28.6	29.0	32.0	29.8	30.7	29.6	27.5	29.1	24.8	24.5	24.7
8	29.3	28.5	28.8	32.1	30.5	31.1	28.8	26.3	28.4	25.3	24.8	25.1
9	29.0	28.3	28.5	31.8	30.4	30.9	28.8	26.7	28.1	25.6	25.1	25.3
10	29.8	28.0	28.7	31.7	30.2	30.8	28.8	26.9	28.1	25.6	25.2	25.4
11	30.5	28.5	29.2	30.5	27.6	29.8	28.8	27.8	28.3	25.4	24.7	25.0
12	30.6	29.0	29.7	28.2	25.1	27.0	28.8	22.9	26.8	24.9	24.4	24.6
13	30.6	29.1	29.7	29.7	25.8	27.7	24.1	22.4	23.0	24.5	24.0	24.3
14	29.4	28.6	28.9	30.9	27.2	29.5	24.5	21.7	23.3	24.0	23.6	23.8
15	29.1	28.1	28.5	31.1	28.8	30.2	22.4	21.7	22.1	23.8	23.4	23.6
16	28.8	28.0	28.3	31.1	29.3	30.4	22.8	22.1	22.5	23.9	23.4	23.7
17	28.8	28.0	28.5	31.0	27.9	29.6	23.3	22.6	23.0	24.4	23.8	24.1
18	29.8	28.4	29.1	28.8	24.8	26.6	24.0	23.0	23.5	24.2	23.7	24.0
19	31.1	29.4	30.1	27.2	24.2	25.7	24.6	23.7	24.1	23.7	22.9	23.4
20	31.2	30.1	30.7	28.0	24.7	26.7	25.1	24.3	24.7	22.9	22.1	22.5
21	30.7	30.1	30.4	28.8	25.7	27.5	25.6	24.8	25.2	22.1	21.6	21.9
22	30.6	29.9	30.1	29.3	26.6	28.3	25.6	25.2	25.4	21.8	21.3	21.6
23	30.6	29.8	30.1	29.5	27.8	28.8	25.6	25.2	25.4	21.8	21.2	21.5
24	30.6	29.8	30.1	29.1	26.8	28.0	25.6	25.0	25.3	21.8	21.2	21.5
25	30.7	29.8	30.2	28.7	26.8	27.8	25.5	24.9	25.2	22.0	21.4	21.7
26	30.4	29.7	30.0	29.4	26.8	28.3	25.2	24.9	25.1	22.0	21.6	21.8
27	30.0	29.4	29.6	29.9	27.9	28.9	25.0	24.8	24.9	22.3	21.8	22.0
28	29.8	29.4	29.6	30.2	28.8	29.3	25.2	24.7	24.9	22.9	22.3	22.6
29	29.8	28.8	29.3	30.3	28.9	29.6	25.0	24.7	24.9	23.3	22.7	23.0
30	29.9	29.0	29.4	30.3	29.2	29.8	25.2	24.4	24.8	23.4	23.0	23.2
31	---	---	---	30.8	29.6	30.2	25.4	24.9	25.2	---	---	---
MONTH	31.2	28.0	29.4	32.1	24.2	29.0	31.1	21.7	26.2	25.6	21.2	23.6

WACCAMAW RIVER BASIN

02110704 WACCAMAW RIVER AT CONWAY MARINA AT CONWAY, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	4.4	4.1	4.2	6.0	5.8	5.9	6.3	6.0	6.1	9.2	9.0	9.1
2	4.5	4.3	4.4	5.9	5.8	5.8	6.6	6.2	6.4	9.0	8.9	8.9
3	4.6	4.4	4.5	5.9	5.8	5.8	6.9	6.5	6.7	8.9	8.9	8.9
4	4.7	4.5	4.6	5.8	5.5	5.7	7.4	6.8	7.2	8.9	8.8	8.8
5	4.7	4.3	4.5	5.6	5.2	5.4	7.5	7.3	7.4	8.8	8.4	8.6
6	4.8	4.4	4.6	5.3	4.8	5.1	7.7	7.4	7.6	---	---	---
7	4.8	4.4	4.6	4.9	4.4	4.7	7.9	7.6	7.8	8.1	7.8	8.0
8	5.0	4.4	4.7	4.5	4.2	4.3	8.0	7.8	7.9	8.0	7.8	7.9
9	5.1	4.8	5.0	4.5	4.3	4.4	8.1	7.9	8.0	8.2	7.7	8.1
10	5.1	4.8	5.0	4.6	4.3	4.5	8.4	8.0	8.2	---	---	---
11	5.2	4.6	5.0	4.9	4.6	4.7	8.6	8.0	8.2	---	---	---
12	5.0	4.6	4.9	5.1	4.7	4.9	8.5	8.2	8.3	---	---	---
13	4.9	4.7	4.8	5.3	4.8	5.1	8.6	8.4	8.5	9.7	9.4	9.6
14	5.0	4.8	4.9	5.4	5.2	5.3	8.7	8.3	8.4	9.9	9.7	9.8
15	5.2	4.5	5.0	5.6	5.3	5.5	8.8	8.5	8.6	10.1	9.8	9.9
16	5.2	5.0	5.1	5.9	5.5	5.7	8.9	8.8	8.8	9.9	9.8	9.8
17	5.4	5.1	5.2	6.2	5.8	6.0	9.0	8.8	8.9	9.8	9.6	9.6
18	5.6	5.4	5.5	6.3	6.1	6.2	---	---	---	9.6	9.4	9.5
19	---	---	---	6.3	6.1	6.2	---	---	---	9.5	9.3	9.4
20	---	---	---	6.3	6.0	6.1	---	---	---	9.5	9.4	9.5
21	6.1	5.8	6.0	6.0	5.8	5.9	---	---	---	9.6	9.4	9.5
22	6.1	5.8	5.9	5.8	5.6	5.8	---	---	---	9.5	9.3	9.4
23	---	---	---	5.9	5.4	5.8	---	---	---	9.4	9.2	9.3
24	6.0	5.8	5.9	5.9	5.7	5.9	9.5	9.4	9.4	9.5	9.3	9.3
25	6.0	5.7	5.8	6.0	5.9	6.0	9.4	9.1	9.2	9.7	9.4	9.6
26	5.8	5.4	5.6	6.0	5.7	5.9	---	---	---	10.2	9.6	9.8
27	5.7	5.4	5.5	5.8	5.7	5.8	9.1	8.7	8.9	10.6	10.2	10.3
28	5.7	5.3	5.5	5.8	5.6	5.7	9.2	9.0	9.1	10.8	10.3	10.5
29	6.4	5.3	6.0	6.1	5.5	5.9	9.4	9.1	9.3	10.9	10.5	10.7
30	6.1	5.8	5.9	6.2	6.0	6.1	9.4	9.2	9.3	10.9	10.7	10.8
31	6.0	5.9	6.0	---	---	---	9.3	9.1	9.2	10.8	10.6	10.7
MONTH	---	---	---	6.3	4.2	5.5	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	10.8	10.6	10.6	9.1	8.9	9.0	6.2	6.0	6.1	5.0	4.4	4.5
2	10.8	10.6	10.7	9.0	8.6	8.8	6.4	6.1	6.2	4.9	4.3	4.5
3	10.8	10.6	10.7	8.6	8.2	8.4	6.4	6.2	6.3	5.0	4.2	4.7
4	10.6	10.3	10.5	8.2	7.7	7.9	6.5	6.2	6.3	4.8	4.4	4.7
5	10.6	10.2	10.3	7.7	7.1	7.4	6.5	6.3	6.4	4.8	4.3	4.7
6	10.2	9.9	10.0	7.1	6.6	6.9	6.5	6.3	6.4	4.7	4.5	4.6
7	9.9	9.3	9.6	6.6	6.2	6.4	6.4	6.2	6.3	4.6	4.3	4.4
8	9.4	8.9	9.1	---	---	---	6.3	6.1	6.2	4.6	4.1	4.3
9	9.0	8.7	8.8	---	---	---	6.3	5.8	6.1	4.6	4.2	4.4
10	8.8	8.7	8.7	---	---	---	6.2	5.8	6.0	4.7	4.2	4.5
11	8.8	8.7	8.8	---	---	---	5.9	5.7	5.8	4.5	4.1	4.3
12	9.1	8.8	9.0	---	---	---	5.9	5.6	5.7	4.3	4.1	4.2
13	9.1	8.9	9.0	7.1	6.9	7.0	6.1	5.5	5.7	4.3	4.1	4.2
14	9.3	9.0	9.1	7.3	7.1	7.2	5.5	5.2	5.4	4.3	4.1	4.2
15	9.3	9.2	9.2	7.3	7.2	7.2	6.0	5.3	5.4	4.4	4.1	4.3
16	9.2	9.1	9.2	7.2	7.0	7.1	6.0	5.3	5.4	4.4	4.2	4.3
17	9.7	9.1	9.3	7.1	6.8	6.9	5.7	5.3	5.4	4.5	4.2	4.3
18	9.6	9.3	9.4	6.8	6.5	6.7	5.6	5.3	5.4	4.6	4.2	4.3
19	9.8	9.3	9.5	6.6	6.4	6.5	5.7	5.4	5.4	4.6	4.0	4.2
20	9.7	9.3	9.4	6.5	6.4	6.5	5.7	5.2	5.3	4.5	3.8	4.0
21	9.3	9.0	9.1	6.5	6.2	6.4	5.6	5.0	5.2	4.3	3.6	3.8
22	9.0	8.6	8.8	6.5	6.1	6.3	5.6	4.8	5.1	4.3	3.6	3.8
23	8.6	8.4	8.5	6.4	6.3	6.4	5.3	4.8	5.0	4.4	3.6	3.9
24	8.4	8.2	8.3	6.8	6.4	6.6	5.3	4.7	4.9	4.5	3.6	3.9
25	8.2	8.0	8.1	7.1	6.8	6.9	5.2	4.6	4.8	4.3	3.6	3.8
26	8.2	8.0	8.1	7.3	7.1	7.2	5.4	4.5	4.7	4.3	3.4	3.7
27	8.6	8.2	8.4	7.4	7.0	7.2	5.1	4.5	4.6	4.5	3.3	3.7
28	9.0	8.6	8.8	7.2	6.7	7.0	5.0	4.4	4.6	4.7	3.4	3.9
29	9.1	8.9	9.0	6.8	6.6	6.7	4.8	4.3	4.5	4.8	3.4	3.8
30	---	---	---	6.6	6.3	6.4	4.7	4.3	4.4	4.9	3.5	4.2
31	---	---	---	6.4	6.1	6.2	---	---	---	4.8	3.6	3.9
MONTH	10.8	8.0	9.2	---	---	---	6.5	4.3	5.5	5.0	3.3	4.2

WACCAMAW RIVER BASIN

02110704 WACCAMAW RIVER AT CONWAY MARINA AT CONWAY, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	4.4	3.6	3.9	5.2	4.2	4.7	4.5	3.8	4.2	2.9	2.1	2.5
2	4.4	3.6	3.9	5.0	4.3	4.6	4.5	3.6	4.1	2.9	2.1	2.4
3	4.6	3.5	4.0	4.8	3.7	4.4	4.4	3.0	3.9	2.4	2.0	2.2
4	4.6	3.5	3.9	4.5	3.4	4.1	3.9	2.8	3.6	2.1	1.9	2.0
5	4.6	3.4	3.9	4.4	3.6	4.1	3.9	3.1	3.6	1.9	1.8	1.9
6	4.7	3.6	4.2	4.4	3.8	4.1	4.0	3.4	3.7	1.9	1.9	1.9
7	4.6	3.4	3.9	4.4	3.8	4.1	4.0	2.9	3.7	1.9	1.8	1.9
8	4.3	3.4	3.7	4.6	4.0	4.2	4.1	3.1	3.6	1.9	1.7	1.8
9	4.3	3.4	3.7	4.4	3.8	4.1	4.2	3.6	3.8	1.9	1.6	1.8
10	4.4	3.4	3.7	4.4	3.7	4.1	4.3	3.7	3.9	1.7	1.5	1.6
11	4.3	3.3	3.6	4.3	3.5	3.9	4.3	3.8	4.0	2.2	1.5	1.9
12	4.6	3.3	3.7	4.2	3.7	4.0	5.7	3.9	4.5	2.0	1.8	1.9
13	4.9	3.9	4.3	4.1	3.6	3.9	5.7	4.9	5.2	2.0	1.8	1.9
14	5.0	3.7	4.2	4.2	3.5	3.9	6.2	4.9	5.5	2.0	1.8	1.9
15	4.8	3.7	4.0	4.2	3.4	3.9	5.7	5.0	5.3	2.3	1.9	2.1
16	4.7	3.7	4.0	4.2	3.4	3.9	5.0	4.5	4.7	2.3	1.9	2.1
17	4.6	3.7	3.9	4.6	3.6	4.1	4.5	3.7	4.1	2.2	1.9	2.1
18	4.8	3.7	4.1	4.6	3.6	4.1	3.9	3.3	3.7	2.2	2.0	2.1
19	4.9	3.9	4.4	4.5	4.0	4.3	3.5	3.1	3.3	2.1	2.0	2.0
20	5.2	4.4	4.8	4.4	4.0	4.2	3.1	2.8	3.0	2.2	2.1	2.1
21	5.1	4.4	4.8	4.2	4.0	4.1	2.9	2.6	2.8	2.4	2.2	2.3
22	5.0	4.1	4.5	4.3	4.0	4.1	2.8	2.5	2.7	2.4	2.2	2.3
23	4.6	4.1	4.2	4.4	3.8	4.1	2.8	2.6	2.7	2.4	2.2	2.4
24	5.0	4.2	4.4	4.2	3.5	3.9	2.6	2.4	2.5	2.4	2.3	2.4
25	5.5	4.2	4.7	4.0	3.5	3.7	2.5	2.2	2.4	2.4	2.3	2.4
26	5.4	4.3	4.9	3.9	3.4	3.7	2.4	2.2	2.3	2.4	2.4	2.4
27	5.5	4.3	4.9	4.0	3.3	3.6	2.4	2.2	2.3	2.5	2.3	2.4
28	5.4	4.5	5.0	4.0	3.5	3.7	2.4	2.1	2.2	2.6	2.2	2.5
29	5.3	4.6	4.9	4.1	3.3	3.7	2.8	2.1	2.5	2.3	2.0	2.1
30	5.3	4.5	4.9	4.2	3.6	3.8	2.8	2.3	2.5	2.0	1.8	1.9
31	---	---	---	4.5	3.7	4.1	2.3	2.1	2.1	---	---	---
MONTH	5.5	3.3	4.2	5.2	3.3	4.0	6.2	2.1	3.5	2.9	1.5	2.1

WACCAMAW RIVER BASIN

02110725 AIW AT HIGHWAY 544 AT SOCASTEE, SC

LOCATION.--Lat 33°41'13'', long 79°00'18'', Horry County, Hydrologic Unit 03040206, on east bank of the Atlantic Intracoastal Waterway, 100 ft south of State Highway 544, 4.2 mi north of junction with the Waccamaw River, and at AIW mile 371.0.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--September 1999 to current year.

GAGE.--Data collection platform. Datum of gage is 9.88 ft below NGVD of 1929.

REMARKS.--Gage height affected by tide.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 16.03 ft, Apr. 22, 2003; minimum gage height, 8.34 ft, Jan. 21, 2001.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 14.58 ft, Sep. 21; minimum gage height, 8.70 ft, Feb. 8, Apr. 15.

Gage height, feet WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	13.14	11.65	12.60	---	---	---	---	---	---	12.22	9.79	11.10
2	13.04	11.55	12.54	---	---	---	---	---	---	12.27	9.62	11.10
3	13.06	11.49	12.50	---	---	---	---	---	---	12.27	9.68	11.10
4	12.90	11.39	12.42	---	---	---	---	---	---	12.34	9.67	11.11
5	12.69	10.38	11.91	---	---	---	12.59	10.49	11.70	12.37	9.63	11.08
6	12.58	10.13	11.67	12.81	11.02	12.11	12.44	10.04	11.38	12.14	9.42	10.89
7	12.56	10.33	11.64	---	---	---	12.61	10.02	11.60	12.31	9.51	11.11
8	12.95	10.68	12.02	12.98	11.12	12.33	---	---	---	12.50	9.71	11.35
9	12.80	11.06	12.15	12.99	11.60	12.43	12.80	10.62	11.98	12.64	9.97	11.55
10	12.85	11.14	12.17	13.01	11.35	12.34	12.83	10.66	12.18	12.59	10.01	11.57
11	12.86	10.93	12.17	---	---	---	12.76	10.30	11.54	12.58	10.14	11.61
12	---	---	---	---	---	---	12.55	9.86	11.44	12.39	9.57	11.18
13	---	---	---	---	---	---	12.70	10.28	11.86	12.07	9.37	10.83
14	12.94	11.14	12.29	---	---	---	12.98	11.31	12.46	12.31	9.86	11.26
15	12.68	10.41	11.69	12.43	9.84	11.29	12.49	10.07	11.46	12.38	9.51	11.10
16	12.62	10.22	11.66	---	---	---	12.58	10.36	11.66	12.37	9.50	11.38
17	---	---	---	---	---	---	12.66	9.94	11.65	12.43	9.74	11.42
18	---	---	---	---	---	---	12.46	9.57	11.36	12.66	9.99	11.52
19	12.67	10.55	11.82	---	---	---	12.34	9.94	11.26	12.30	9.18	11.07
20	---	---	---	---	---	---	12.51	9.81	11.38	12.62	9.75	11.49
21	---	---	---	---	---	---	12.66	9.85	11.60	12.63	9.83	11.54
22	---	---	---	12.87	10.84	12.10	12.77	10.34	11.81	12.55	9.80	11.40
23	12.78	10.17	11.84	12.90	10.70	12.08	12.81	10.18	11.84	12.25	9.24	10.96
24	---	---	---	12.98	10.61	12.14	12.89	10.48	11.96	12.22	9.57	11.00
25	12.97	11.27	12.28	12.93	10.49	12.07	12.74	10.17	11.70	12.58	9.74	11.48
26	12.82	10.69	11.96	13.03	11.02	12.33	12.70	10.03	11.63	12.70	10.98	12.05
27	12.83	10.42	11.91	13.02	11.11	12.34	12.70	10.06	11.66	12.67	10.43	11.87
28	---	---	---	12.91	10.87	12.21	12.65	10.28	11.69	12.21	9.35	10.88
29	13.14	11.30	12.45	---	---	---	12.46	10.15	11.58	11.93	9.39	10.83
30	13.06	11.30	12.44	---	---	---	12.46	9.61	11.28	11.98	9.42	10.73
31	13.05	11.30	12.44	---	---	---	12.15	9.42	11.17	11.98	9.29	10.97
MONTH	---	---	---	---	---	---	---	---	---	12.70	9.18	11.24

WACCAMAW RIVER BASIN

02110725 AIW AT HIGHWAY 544 AT SOCASTEE, SC--Continued

Gage height, feet
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	12.35	9.82	11.32	12.51	10.75	11.59	12.31	9.78	11.17	12.19	9.60	11.06
2	12.52	10.15	11.59	12.38	10.42	11.36	12.15	9.46	11.00	12.37	9.48	11.02
3	12.70	10.30	11.54	12.25	10.00	11.22	---	---	---	12.22	9.34	11.03
4	12.09	9.29	10.84	12.51	10.18	11.52	---	---	---	12.47	9.41	10.94
5	12.39	9.43	11.25	12.61	10.36	11.68	---	---	---	12.55	9.80	11.39
6	12.57	10.15	11.62	12.66	10.69	11.78	---	---	---	12.55	9.62	11.34
7	12.34	9.62	11.10	12.70	10.40	11.74	---	---	---	12.55	9.85	11.46
8	11.88	8.70	10.49	12.66	10.53	11.73	12.37	9.68	11.22	12.61	10.05	11.59
9	12.36	9.62	11.19	12.92	11.13	12.28	12.49	10.03	11.45	12.61	10.36	11.73
10	12.22	9.74	11.12	13.03	11.52	12.46	12.64	10.15	11.67	12.63	10.32	11.79
11	12.12	9.58	10.99	12.94	11.58	12.42	12.53	9.71	11.40	12.57	10.25	11.68
12	12.65	10.60	11.74	12.94	10.98	12.21	12.42	9.89	11.48	12.45	10.13	11.49
13	12.62	10.24	11.73	12.86	10.98	12.13	12.37	9.84	11.29	12.27	9.80	11.22
14	12.62	10.18	11.73	12.87	10.84	12.09	11.65	8.72	10.23	12.18	9.64	11.08
15	12.89	10.62	12.25	12.68	10.58	11.79	12.01	8.70	10.55	12.24	9.53	11.05
16	12.81	11.17	12.23	12.74	10.33	11.86	12.32	9.54	11.09	12.20	9.39	10.99
17	13.06	11.22	12.46	12.72	10.47	11.90	12.19	9.61	11.11	---	---	---
18	13.00	11.39	12.36	12.82	10.83	12.08	12.08	9.32	10.82	12.06	9.14	10.68
19	13.02	11.30	12.38	12.74	10.71	11.95	12.01	9.13	10.63	12.02	9.12	10.63
20	12.99	11.44	12.40	12.94	11.00	12.27	11.94	8.91	10.44	11.95	8.89	10.38
21	12.87	11.23	12.18	12.79	10.65	12.03	11.96	9.22	10.65	11.79	8.90	10.31
22	12.94	11.18	12.28	12.63	10.34	11.73	12.12	9.12	10.66	11.87	9.11	10.49
23	12.85	11.58	12.37	12.62	10.46	11.74	11.95	9.01	10.44	11.93	9.18	10.57
24	12.95	11.94	12.54	12.58	9.74	11.35	11.80	8.90	10.34	11.89	9.14	10.55
25	13.02	12.11	12.63	12.28	9.33	10.91	11.82	9.35	10.66	11.74	9.02	10.38
26	13.14	12.51	12.88	12.04	9.17	10.63	12.12	9.41	10.83	11.58	8.93	10.39
27	---	---	---	11.93	9.43	10.68	11.92	9.40	10.73	11.66	9.02	10.50
28	12.97	11.66	12.48	11.98	9.51	10.92	11.93	9.48	10.86	11.82	9.21	10.71
29	12.78	10.99	12.01	12.54	10.70	11.80	12.06	9.54	10.93	12.01	9.20	10.71
30	---	---	---	---	---	---	11.95	9.26	10.81	12.34	9.71	11.21
31	---	---	---	---	---	---	---	---	---	12.17	9.32	11.08
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	12.23	8.98	10.69	12.52	9.43	11.20	12.69	10.36	11.77	12.89	11.17	12.20
2	12.29	9.16	10.86	12.56	9.67	11.29	12.71	10.58	11.90	13.09	11.36	12.45
3	12.31	9.23	10.94	12.58	9.88	11.45	12.78	10.76	12.02	13.10	11.91	12.62
4	12.31	9.31	11.00	12.62	9.95	11.53	12.67	10.57	11.82	13.09	11.50	12.48
5	12.31	9.38	11.00	12.59	9.97	11.52	12.57	10.49	11.75	13.04	11.79	12.58
6	12.36	9.88	11.33	12.50	10.05	11.49	12.49	10.13	11.61	13.12	12.09	12.69
7	12.40	9.89	11.37	12.48	10.30	11.62	12.59	10.61	11.88	13.22	11.99	12.70
8	12.34	9.92	11.40	12.45	10.13	11.63	12.44	10.25	11.64	12.97	12.11	12.69
9	12.22	9.85	11.22	12.41	10.06	11.55	12.24	9.69	11.20	12.69	11.07	12.10
10	12.11	9.74	11.18	12.38	9.93	11.40	12.13	9.50	10.99	12.78	10.70	11.82
11	12.10	9.49	11.04	12.35	9.83	11.32	12.02	9.34	10.81	13.04	11.38	12.29
12	12.25	9.46	11.02	12.41	9.88	11.34	12.19	9.32	10.77	13.21	11.96	12.62
13	12.45	10.43	11.61	12.26	9.56	11.17	12.31	9.57	11.15	13.30	12.32	12.85
14	12.31	9.85	11.37	12.18	9.38	10.90	13.17	10.10	11.85	13.35	12.68	13.07
15	12.12	9.59	11.10	12.31	9.60	10.96	12.89	11.27	12.15	13.32	12.69	13.07
16	12.00	9.10	10.66	12.39	9.77	11.22	12.93	11.13	12.15	13.47	12.76	13.17
17	11.85	9.02	10.47	12.51	10.12	11.39	12.98	11.21	12.21	13.74	13.10	13.50
18	11.92	9.03	10.45	12.47	9.82	11.25	12.98	11.42	12.33	13.62	13.19	13.43
19	12.17	9.53	10.79	12.40	9.83	11.28	12.89	11.16	12.16	13.87	13.19	13.53
20	12.34	10.17	11.32	12.32	9.70	11.14	12.71	10.74	11.92	14.33	13.68	14.02
21	12.47	10.39	11.65	12.26	9.74	11.12	12.62	10.28	11.66	14.58	14.10	14.32
22	12.43	9.61	11.30	12.13	9.72	11.11	12.65	9.89	11.52	14.43	14.11	14.31
23	11.96	9.29	10.65	12.22	9.89	11.26	12.93	10.47	11.98	14.22	13.82	14.06
24	11.64	9.04	10.54	12.16	9.61	11.15	12.97	10.69	12.14	14.16	13.69	13.94
25	12.05	9.26	10.87	12.16	9.43	11.07	12.88	10.60	12.06	14.13	13.68	13.94
26	12.04	9.31	10.83	12.25	9.39	11.07	12.88	10.48	11.97	14.09	13.64	13.90
27	12.39	9.48	11.14	12.32	9.40	11.10	12.94	10.48	11.97	14.10	13.61	13.88
28	12.21	9.35	11.07	12.24	9.12	10.91	13.02	10.89	12.18	14.02	13.12	13.62
29	12.36	9.05	10.85	12.18	9.08	10.75	13.36	12.18	12.94	13.28	12.45	12.97
30	12.46	9.52	11.13	12.42	9.43	10.97	13.23	11.06	12.39	13.28	12.26	12.87
31	---	---	---	12.63	9.97	11.44	12.87	10.92	12.06	---	---	---
MONTH	12.47	8.98	11.03	12.63	9.08	11.25	13.36	9.32	11.84	14.58	10.70	13.12

WACCAMAW RIVER BASIN

02110725 AIW AT HIGHWAY 544 AT SOCASTEE, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1986-92, October 2001 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: February 1986 to November 1992 (discontinued).

pH: February 1986 to September 1989 (discontinued).

WATER TEMPERATURE: February 1986 to November 1992, October 2001 to current year.

DISSOLVED OXYGEN: February 1986 to November 1992, October 2001 to current year.

INSTRUMENTATION.--Water-quality multiprobe and data collection platform.

REMARKS.--Temperature records rated excellent. Dissolved oxygen records rated good except for Oct. 1-6, and May 15-18, which are poor.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 360 microsiemens, Apr. 5, 1990; minimum, 47 microsiemens, Mar. 27, 1987.

pH: Maximum, 7.7 units, Aug. 29, 1988; minimum, 5.1 units, Sep. 13, 1988.

WATER TEMPERATURE: Maximum, 32.5°C, July 12, 1989; minimum, 1.0°C, Dec. 28, 1989.

DISSOLVED OXYGEN: Maximum, 11.5 mg/L, Jan. 13, 14, 16-18, 1988; minimum, 0.4 mg/L, Oct. 5, 6, 18, 1989.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 31.8°C, July 29; minimum, 4.8°C, Feb. 2.

DISSOLVED OXYGEN: Maximum, 10.7 mg/L, Feb. 2, 3; minimum, 0.5 mg/L, Sep. 29, 30.

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	22.1	21.4	21.8	---	---	---	13.4	12.7	13.0	8.3	7.6	7.8
2	21.5	20.6	21.1	---	---	---	12.8	11.9	12.4	8.5	7.6	7.9
3	20.6	19.9	20.3	---	---	---	12.0	11.4	11.7	9.1	7.9	8.4
4	20.2	19.5	19.8	---	---	---	11.4	10.9	11.1	10.4	8.7	9.4
5	20.7	19.5	20.0	---	---	---	10.9	10.5	10.7	11.0	9.8	10.4
6	21.2	19.9	20.4	20.6	19.9	20.2	10.7	10.2	10.5	11.3	10.8	11.1
7	21.0	20.4	20.6	20.8	20.5	20.7	10.2	9.8	10.1	10.9	10.0	10.5
8	21.0	20.6	20.7	20.7	20.1	20.5	---	---	---	10.0	9.6	9.8
9	21.1	20.5	20.8	20.1	18.2	19.1	9.8	9.2	9.5	9.6	9.2	9.5
10	21.0	20.8	20.9	18.2	16.8	17.4	10.3	9.6	9.9	9.2	8.5	9.0
11	20.9	20.8	20.9	---	---	---	10.3	9.9	10.1	8.5	7.5	8.0
12	21.2	20.6	20.8	---	---	---	10.2	9.7	9.9	7.6	7.1	7.4
13	---	---	---	---	---	---	9.8	9.6	9.7	7.5	7.0	7.2
14	21.4	21.1	21.2	---	---	---	9.6	9.2	9.4	7.4	6.9	7.1
15	21.2	20.6	20.9	15.5	15.0	15.3	9.2	8.7	9.0	7.8	7.1	7.4
16	20.9	20.1	20.4	---	---	---	9.0	8.5	8.7	7.6	7.1	7.3
17	---	---	---	---	---	---	9.2	8.8	9.0	7.6	6.9	7.2
18	---	---	---	---	---	---	9.0	8.6	8.8	8.5	7.3	7.9
19	19.8	19.0	19.4	---	---	---	8.8	8.3	8.5	8.8	8.3	8.5
20	---	---	---	---	---	---	8.3	7.8	8.1	8.5	8.0	8.3
21	---	---	---	---	---	---	7.8	7.3	7.5	8.0	7.6	7.8
22	---	---	---	15.4	14.9	15.2	7.5	7.1	7.3	7.9	7.3	7.6
23	19.3	18.8	19.0	15.3	14.8	15.1	7.7	7.2	7.4	8.0	7.3	7.6
24	18.9	18.3	18.6	15.4	14.9	15.2	8.3	7.6	8.0	7.9	7.2	7.6
25	18.5	18.0	18.3	15.4	14.9	15.2	8.4	7.8	8.1	7.7	7.2	7.4
26	18.9	18.3	18.6	15.4	14.9	15.1	7.9	7.3	7.6	7.2	6.2	6.8
27	19.3	18.8	19.1	15.3	15.0	15.1	7.4	6.9	7.1	6.4	5.6	6.0
28	19.5	19.3	19.4	15.7	15.1	15.4	7.2	6.8	7.0	5.9	5.2	5.4
29	19.4	18.9	19.1	15.1	13.9	14.4	7.4	7.0	7.2	5.9	5.1	5.4
30	19.0	18.5	18.8	14.0	13.1	13.5	8.4	7.4	7.8	6.2	5.1	5.4
31	18.8	18.1	18.4	---	---	---	8.5	7.6	7.9	5.6	5.2	5.4
MONTH	---	---	---	---	---	---	---	---	---	11.3	5.1	7.8

WACCAMAW RIVER BASIN

02110725 AIW AT HIGHWAY 544 AT SOCASTEE, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	5.4	4.9	5.1	9.7	8.2	8.9	17.7	16.3	16.8	23.5	23.2	23.3
2	5.6	4.8	5.2	11.6	9.6	10.4	17.2	16.2	16.6	24.5	23.1	23.4
3	6.4	5.5	6.0	13.6	11.1	11.9	17.8	16.0	16.7	23.8	22.8	23.3
4	7.1	6.0	6.4	14.0	12.4	13.1	17.8	16.4	16.9	23.4	22.3	22.7
5	7.2	6.4	6.8	15.1	13.8	14.4	17.2	16.4	16.8	23.4	21.9	22.5
6	8.5	7.2	7.7	16.3	15.1	15.7	17.5	16.3	16.7	23.6	22.2	22.8
7	9.5	8.5	9.0	16.8	15.9	16.3	17.6	16.4	16.9	24.4	22.7	23.4
8	9.5	8.9	9.2	16.4	16.0	16.2	17.8	16.9	17.3	25.0	23.4	24.0
9	9.3	9.0	9.2	16.0	15.0	15.4	18.9	17.3	17.8	25.1	23.9	24.4
10	9.6	9.3	9.4	15.1	14.0	14.5	19.2	17.8	18.4	25.6	24.1	24.6
11	9.8	9.5	9.7	14.5	13.5	13.8	20.4	18.6	19.2	25.5	24.2	24.7
12	9.8	9.5	9.6	14.2	13.3	13.7	19.9	19.4	19.7	25.9	24.6	25.0
13	9.8	9.0	9.4	14.7	13.5	13.9	20.8	19.7	20.0	26.5	24.8	25.4
14	9.3	9.0	9.2	14.2	13.6	13.9	20.0	18.9	19.3	27.0	25.2	25.9
15	9.1	8.9	9.0	15.3	14.0	14.6	19.9	18.4	19.0	27.1	25.5	26.2
16	9.0	8.6	8.8	15.5	15.1	15.3	20.5	18.6	19.2	27.3	25.8	26.4
17	8.6	7.7	8.2	15.7	15.2	15.4	20.6	18.8	19.5	27.6	26.1	26.7
18	7.7	7.2	7.5	16.0	15.1	15.6	21.0	19.4	20.1	27.3	26.3	26.7
19	7.9	7.1	7.5	17.0	15.7	16.3	22.6	20.0	20.7	27.8	26.4	26.8
20	8.5	7.7	8.1	16.9	16.0	16.4	22.1	20.7	21.2	28.0	26.5	27.0
21	9.7	8.5	9.2	17.7	16.6	17.0	22.4	21.0	21.5	28.3	26.8	27.4
22	10.3	9.6	9.9	17.0	16.0	16.5	22.8	21.5	22.0	28.3	27.2	27.7
23	10.6	9.7	10.1	16.0	15.2	15.5	23.1	21.9	22.5	28.4	27.5	27.9
24	10.6	10.2	10.4	15.2	14.6	14.9	23.5	22.4	23.0	29.0	27.7	28.2
25	10.6	10.3	10.5	15.4	14.5	15.0	24.1	23.1	23.6	29.5	27.9	28.5
26	10.3	9.3	9.8	16.3	15.1	15.7	24.5	23.7	24.0	29.2	28.1	28.7
27	9.3	7.9	8.7	17.7	15.8	16.5	24.1	23.3	23.7	29.7	28.5	29.0
28	8.2	7.5	7.8	18.1	16.6	17.2	24.7	22.8	23.4	29.8	28.5	29.1
29	8.6	7.6	8.1	18.5	16.7	17.2	24.6	22.6	23.3	29.8	28.7	29.2
30	---	---	---	---	---	---	24.6	22.8	23.4	29.7	28.9	29.3
31	---	---	---	---	---	---	---	---	---	29.6	28.9	29.2
MONTH	10.6	4.8	8.5	---	---	---	24.7	16.0	20.0	29.8	21.9	26.1

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
Temperature, water, degrees Celsius												
JUNE			JULY			AUGUST			SEPTEMBER			
1	30.6	28.6	29.3	29.3	28.5	28.8	30.5	29.9	30.1	25.9	25.4	25.6
2	30.5	28.8	29.4	28.9	28.4	28.6	30.5	29.6	29.9	26.3	25.4	25.7
3	29.6	29.0	29.3	29.0	28.2	28.6	30.2	29.5	29.8	25.7	25.1	25.4
4	29.5	28.9	29.1	29.3	28.4	28.8	30.6	29.3	29.8	26.0	24.8	25.2
5	29.3	28.5	28.9	29.6	28.7	29.2	31.1	29.6	30.0	25.6	25.0	25.3
6	29.5	28.5	28.9	30.4	29.0	29.5	29.9	29.1	29.5	25.1	24.9	25.0
7	29.5	28.5	28.9	30.8	29.3	29.9	29.2	28.4	28.8	25.5	24.8	25.1
8	28.9	28.5	28.7	30.4	29.7	30.0	28.8	27.8	28.2	26.0	25.3	25.6
9	28.9	28.2	28.5	30.2	29.4	29.7	28.3	27.3	27.8	27.0	25.6	26.1
10	29.4	28.0	28.5	30.2	29.1	29.5	28.8	27.2	27.8	26.2	25.9	26.1
11	29.9	28.2	28.8	30.3	29.1	29.6	28.3	27.5	27.8	26.0	25.2	25.6
12	29.7	28.6	29.0	30.9	29.2	29.6	28.0	27.2	27.7	25.4	24.8	25.1
13	28.8	28.0	28.4	31.3	29.1	29.9	27.4	25.2	26.0	25.1	24.6	24.9
14	28.6	27.7	28.0	31.3	29.6	30.2	25.8	23.4	24.7	24.6	24.1	24.3
15	28.1	27.5	27.8	31.3	30.0	30.5	23.7	23.4	23.5	24.4	23.8	24.1
16	28.5	27.5	27.9	31.0	30.2	30.6	24.5	23.4	23.8	24.7	24.1	24.4
17	29.1	27.7	28.0	30.4	29.9	30.2	24.2	23.6	24.0	25.1	24.5	24.8
18	30.2	27.8	28.5	29.9	28.9	29.5	25.2	23.8	24.3	24.8	24.1	24.5
19	29.7	28.6	29.0	29.7	28.8	29.2	25.9	24.4	24.9	24.1	23.1	23.7
20	29.2	28.9	29.1	29.9	28.9	29.3	26.3	25.1	25.6	23.1	22.4	22.7
21	29.2	28.5	28.7	30.5	29.1	29.6	26.8	25.7	26.2	22.6	22.0	22.3
22	29.2	28.4	28.8	30.2	29.3	29.7	26.6	26.2	26.4	22.3	21.8	22.1
23	29.7	28.5	29.0	30.2	29.5	29.8	26.8	26.0	26.3	22.3	21.7	22.1
24	29.6	28.8	29.2	30.4	29.4	29.8	26.8	25.7	26.2	22.4	21.9	22.2
25	30.5	28.9	29.5	29.9	29.3	29.6	26.6	25.6	26.0	22.9	22.2	22.5
26	29.6	29.1	29.3	30.4	29.2	29.7	25.9	25.5	25.7	22.7	22.5	22.6
27	29.5	28.9	29.2	31.3	29.3	30.1	25.6	25.3	25.5	23.0	22.5	22.8
28	29.8	28.8	29.2	31.0	29.6	30.2	25.6	25.2	25.4	23.6	23.0	23.3
29	30.9	28.6	29.2	31.8	29.8	30.2	25.6	25.1	25.3	24.0	23.3	23.6
30	29.2	28.7	29.0	31.0	29.8	30.2	25.6	24.7	25.2	23.9	23.4	23.6
31	---	---	---	30.6	30.0	30.2	26.0	25.4	25.6	---	---	---
MONTH	30.9	27.5	28.8	31.8	28.2	29.7	31.1	23.4	26.7	27.0	21.7	24.2

WACCAMAW RIVER BASIN

02110725 AIW AT HIGHWAY 544 AT SOCASTEE, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	4.0	3.6	3.8	---	---	---	6.2	6.0	6.1	9.3	9.2	9.3
2	4.7	3.8	4.3	---	---	---	6.5	6.1	6.3	9.3	9.2	9.3
3	4.8	4.4	4.6	---	---	---	6.9	6.4	6.6	9.3	9.1	9.2
4	5.1	4.6	4.8	---	---	---	7.2	6.8	7.0	9.2	8.9	9.0
5	5.0	4.5	4.8	---	---	---	7.3	7.1	7.2	9.0	8.7	8.9
6	4.7	4.3	4.4	4.0	3.8	3.9	7.5	7.3	7.4	8.8	8.6	8.7
7	4.4	4.1	4.3	4.0	3.7	3.8	7.5	7.3	7.4	8.7	8.6	8.6
8	6.1	4.2	4.8	4.0	3.7	3.8	---	---	---	8.6	8.3	8.6
9	6.1	5.3	5.6	4.4	4.0	4.2	---	---	---	8.5	8.5	8.5
10	5.4	4.7	4.9	4.8	4.4	4.6	---	---	---	8.6	8.4	8.5
11	4.7	4.4	4.5	---	---	---	---	---	---	8.8	8.5	8.7
12	4.4	4.2	4.2	---	---	---	8.6	8.2	8.3	9.1	8.7	8.9
13	---	---	---	---	---	---	8.3	8.1	8.2	9.1	9.0	9.0
14	3.8	3.7	3.8	---	---	---	8.4	8.3	8.4	9.2	9.0	9.1
15	4.1	3.8	3.9	5.1	5.0	5.0	8.5	8.3	8.4	9.2	9.1	9.2
16	4.3	4.0	4.2	---	---	---	8.5	8.4	8.4	9.3	9.2	9.2
17	---	---	---	---	---	---	8.7	8.4	8.5	9.4	9.3	9.3
18	---	---	---	---	---	---	8.8	8.5	8.6	9.5	9.3	9.4
19	5.0	4.7	4.8	---	---	---	9.0	8.7	8.9	9.5	9.3	9.4
20	---	---	---	---	---	---	9.1	8.9	9.0	9.4	9.3	9.4
21	---	---	---	---	---	---	9.2	9.1	9.1	9.5	9.4	9.4
22	---	---	---	5.9	5.7	5.8	9.2	9.2	9.2	9.6	9.5	9.5
23	5.3	5.2	5.3	5.8	5.6	5.8	9.2	9.1	9.2	9.6	9.5	9.5
24	5.4	5.2	5.3	5.7	5.6	5.6	9.1	9.0	9.1	9.6	9.5	9.5
25	5.4	5.2	5.3	5.7	5.4	5.6	9.1	8.9	9.0	9.7	9.4	9.6
26	5.5	5.3	5.4	5.5	5.4	5.5	9.2	9.0	9.1	10.1	9.6	9.7
27	5.4	5.2	5.3	5.4	5.3	5.4	9.3	9.2	9.3	10.4	9.9	10.1
28	5.3	5.0	5.1	5.6	5.2	5.3	9.3	9.2	9.3	10.4	10.3	10.3
29	6.0	5.2	5.5	6.1	5.6	5.8	9.2	9.2	9.2	10.3	10.2	10.3
30	5.2	5.0	5.1	6.0	5.7	5.9	9.2	9.0	9.2	10.4	10.2	10.3
31	5.0	4.7	4.8	---	---	---	9.3	9.1	9.2	10.4	10.3	10.3
MONTH	---	---	---	---	---	---	---	---	---	10.4	8.3	9.3

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	10.5	10.4	10.5	9.3	9.1	9.2	6.8	6.4	6.5	5.3	5.0	5.2
2	10.7	10.5	10.5	9.3	8.8	9.1	6.6	6.4	6.5	5.3	5.0	5.1
3	10.7	10.4	10.6	9.0	8.7	8.8	6.7	6.4	6.5	5.4	5.0	5.3
4	10.5	10.3	10.4	8.7	8.3	8.4	6.7	6.4	6.5	5.3	5.2	5.2
5	10.3	10.2	10.3	8.3	7.7	8.0	6.8	6.5	6.6	5.4	5.1	5.2
6	10.3	10.1	10.2	7.9	7.3	7.5	6.7	6.5	6.6	5.2	5.1	5.1
7	10.1	9.9	10.0	7.4	6.9	7.1	6.7	6.5	6.6	5.1	4.8	5.0
8	9.9	9.6	9.8	7.0	6.7	6.8	6.6	6.5	6.6	5.0	4.7	4.9
9	9.7	9.4	9.5	6.8	6.6	6.6	6.6	6.3	6.5	5.0	4.7	4.9
10	9.4	9.2	9.3	6.8	6.5	6.6	6.5	6.3	6.4	4.9	4.6	4.7
11	9.2	8.9	9.0	6.8	6.6	6.7	6.4	6.2	6.3	4.7	4.3	4.5
12	9.2	8.9	9.0	6.9	6.7	6.8	6.2	6.0	6.1	4.4	4.1	4.2
13	9.0	8.8	8.9	7.0	6.7	6.8	6.1	5.9	6.0	4.2	3.9	4.1
14	9.0	8.9	8.9	7.2	6.9	7.0	6.2	5.9	6.0	4.5	3.9	4.1
15	9.0	8.8	8.9	7.1	6.8	7.0	6.3	6.0	6.1	4.4	3.9	4.1
16	9.2	8.9	9.0	7.0	6.6	6.8	6.1	5.8	5.9	4.7	4.1	4.4
17	9.3	9.1	9.2	6.6	6.3	6.5	6.1	5.8	5.9	4.6	4.4	4.5
18	9.4	9.2	9.3	6.4	6.3	6.4	6.1	5.9	6.0	4.4	4.2	4.3
19	9.5	9.3	9.4	6.4	6.2	6.3	6.1	5.7	6.0	4.4	4.0	4.1
20	9.5	9.3	9.4	6.4	6.3	6.4	5.9	5.5	5.8	4.3	4.0	4.1
21	9.3	9.1	9.2	6.3	5.9	6.2	5.7	5.3	5.5	4.4	4.0	4.1
22	9.1	8.8	8.9	6.2	6.0	6.1	5.7	5.4	5.5	4.4	4.0	4.2
23	9.1	8.5	8.7	6.3	6.1	6.2	5.5	5.3	5.4	4.6	4.2	4.4
24	8.9	8.4	8.6	6.5	6.3	6.4	5.6	5.3	5.4	4.7	4.4	4.5
25	8.4	8.3	8.4	6.5	6.4	6.4	5.4	5.3	5.4	4.6	4.2	4.4
26	8.9	8.4	8.7	6.4	6.2	6.3	5.4	5.1	5.2	4.5	4.2	4.3
27	9.1	8.9	9.0	6.4	6.2	6.3	5.4	5.2	5.3	4.9	4.2	4.3
28	9.1	8.8	9.0	6.4	6.2	6.3	5.6	5.1	5.3	4.9	4.2	4.4
29	9.2	8.9	9.1	6.5	6.3	6.4	5.5	5.1	5.2	4.6	4.2	4.4
30	---	---	---	---	---	---	5.6	5.1	5.2	4.7	4.3	4.5
31	---	---	---	---	---	---	---	---	---	4.8	4.4	4.5
MONTH	10.7	8.3	9.4	---	---	---	6.8	5.1	6.0	5.4	3.9	4.5

WACCAMAW RIVER BASIN

02110725 AIW AT HIGHWAY 544 AT SOCASTEE, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	5.0	4.4	4.5	5.2	4.6	4.7	4.8	4.4	4.6	1.8	1.5	1.7
2	4.6	4.3	4.4	4.6	4.4	4.5	4.8	4.6	4.7	1.8	1.6	1.7
3	4.5	4.1	4.2	4.8	4.3	4.6	5.0	4.6	4.7	1.9	1.7	1.8
4	4.3	4.0	4.1	5.0	4.5	4.7	5.0	4.4	4.6	1.9	1.6	1.8
5	4.4	3.8	4.2	5.0	4.6	4.8	5.2	4.3	4.6	2.0	1.6	1.8
6	4.5	4.1	4.3	5.4	4.6	4.9	5.4	4.6	4.9	1.8	1.6	1.7
7	4.5	4.2	4.3	5.2	4.5	4.8	5.1	4.4	4.8	1.7	1.4	1.6
8	4.4	4.2	4.3	4.8	4.4	4.7	5.2	4.6	4.8	2.2	1.5	1.8
9	4.4	4.2	4.3	4.8	4.4	4.6	5.3	4.8	5.0	2.2	1.6	2.0
10	4.4	4.0	4.2	4.7	4.3	4.5	5.3	4.6	4.8	1.6	1.3	1.4
11	4.6	4.1	4.2	4.8	4.2	4.5	4.8	4.4	4.6	2.0	1.5	1.7
12	4.8	4.2	4.4	5.0	4.4	4.6	4.8	4.3	4.5	2.2	1.7	2.0
13	4.7	4.5	4.6	5.2	4.3	4.5	5.5	4.6	5.0	2.2	1.7	1.9
14	4.9	4.5	4.6	4.9	4.1	4.4	5.8	4.5	5.0	1.8	1.6	1.6
15	4.8	4.5	4.6	4.7	4.2	4.3	5.2	4.0	4.7	1.6	1.5	1.6
16	4.9	4.4	4.5	4.2	4.0	4.1	4.2	3.5	3.8	1.6	1.4	1.5
17	4.7	4.3	4.5	4.2	3.9	4.0	3.5	3.2	3.4	2.1	1.5	1.8
18	4.9	4.3	4.6	4.7	4.0	4.3	3.2	2.5	3.0	2.0	1.5	1.9
19	5.0	4.5	4.7	4.6	4.2	4.3	3.0	2.3	2.7	1.7	1.4	1.5
20	4.9	4.5	4.7	4.4	4.0	4.2	2.6	2.2	2.4	1.9	1.6	1.7
21	4.8	4.5	4.7	4.7	4.0	4.2	2.7	2.2	2.4	2.1	1.6	1.9
22	4.8	4.3	4.5	4.3	3.9	4.1	2.6	2.3	2.4	1.8	1.1	1.4
23	5.1	4.4	4.7	4.3	3.9	4.1	2.6	2.1	2.3	1.1	0.9	0.9
24	5.2	4.6	4.9	4.5	3.9	4.1	2.5	2.2	2.3	1.1	0.8	0.9
25	5.9	4.5	4.9	4.5	4.0	4.2	2.5	2.0	2.2	1.5	0.8	1.2
26	5.4	4.6	4.9	4.6	4.1	4.3	2.4	2.0	2.2	1.4	1.0	1.2
27	5.0	4.7	4.9	5.0	4.0	4.3	2.2	1.9	2.0	1.4	1.0	1.1
28	5.6	4.9	5.1	4.8	4.0	4.3	2.4	2.0	2.1	1.5	1.0	1.2
29	5.9	5.0	5.2	4.8	4.1	4.4	3.1	2.2	2.7	1.0	0.5	0.7
30	5.0	4.8	4.9	5.0	4.2	4.4	3.1	2.3	2.6	0.8	0.5	0.6
31	---	---	---	4.9	4.3	4.5	2.4	1.6	1.9	---	---	---
MONTH	5.9	3.8	4.6	5.4	3.9	4.4	5.8	1.6	3.6	2.2	0.5	1.5

WACCAMAW RIVER BASIN

02110755 AIW AT BRIARCLIFFE ACRES AT NORTH MYRTLE BEACH, SC

WATER-QUALITY RECORDS

LOCATION.--Lat 33°47'54'', long 78°45'12'', Horry County, Hydrologic Unit 03040207, on right bank of Atlantic Intracoastal Waterway, at Briarcliffe Marina, 12.3 mi upstream from the junction of Little River Inlet and at AIW mile 354.1.

PERIOD OF RECORD.--Water years 1984 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1983 to current year.

pH: April 1986 to September 1989 (discontinued).

WATER TEMPERATURE: April 1986 to September 1989 (discontinued).

DISSOLVED OXYGEN: September 1986 to September 1989 (discontinued).

INSTRUMENTATION.--Water-quality multiprobe and data collection platform.

REMARKS.--Specific conductance records rated excellent except for Oct. 1, 2, Dec. 24 to Feb. 13, which are good.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 39,200 microsiemens, Sep. 22, 1989; minimum, 50 microsiemens, Sep. 15, 1996.

pH: Maximum 9.2 units, Aug. 13, 1987; minimum, 5.3 units, Sep. 26, 1986.

WATER TEMPERATURE: Maximum, 33.5°C, Jul. 31, 1988; minimum, 2.0°C, Jan. 16, 1988.

DISSOLVED OXYGEN: Maximum, 11.4 mg/L, Jan. 19, 1988; minimum, 2.2 mg/L, Sep. 30, 1989.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 11,500 microsiemens, June 6; minimum, 82 microsiemens, Sep. 29.

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	135	111	124	161	127	141	150	111	125	175	99	107
2	---	---	---	149	115	131	162	114	129	126	98	105
3	---	---	---	138	112	123	153	114	127	122	97	104
4	---	---	---	138	113	124	139	115	128	125	97	105
5	---	---	---	146	115	126	144	112	128	117	97	105
6	---	---	---	149	116	128	144	111	124	134	96	108
7	149	113	128	144	119	131	141	114	126	135	99	110
8	256	121	143	147	120	133	138	113	125	122	100	111
9	184	120	138	139	117	127	139	114	125	138	100	113
10	165	138	148	139	107	119	226	111	138	118	98	109
11	175	148	160	126	99	109	155	111	128	113	99	107
12	181	140	158	121	95	106	147	120	132	129	96	105
13	171	131	148	130	96	108	142	122	133	153	95	108
14	165	120	139	153	98	112	200	129	150	137	97	110
15	150	110	124	139	101	114	173	124	135	152	101	115
16	139	110	126	133	100	113	142	121	131	154	101	118
17	138	111	122	162	101	114	174	124	136	154	100	115
18	137	110	123	136	102	116	171	118	131	163	100	120
19	152	113	126	185	108	128	151	123	133	146	96	114
20	144	119	130	164	109	127	194	123	137	186	101	132
21	148	120	133	164	115	138	162	124	137	241	105	149
22	174	123	140	158	116	136	143	118	131	247	107	149
23	179	128	149	167	109	132	162	115	130	241	107	140
24	179	133	156	182	106	135	174	111	131	158	112	132
25	174	133	153	161	101	128	144	108	120	456	115	186
26	199	123	149	176	104	132	124	106	116	425	117	165
27	207	120	157	150	104	123	122	104	113	439	117	172
28	266	122	170	137	103	116	117	102	110	369	123	183
29	203	128	156	143	100	114	136	99	109	348	122	185
30	166	137	151	142	106	121	140	99	107	235	121	144
31	166	136	152	---	---	---	172	95	106	307	122	144
MONTH	---	---	---	185	95	124	226	95	127	456	95	128

02110755 AIW AT BRIARCLIFFE ACRES AT NORTH MYRTLE BEACH, SC--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	314	117	132	308	95	129	147	113	127	219	173	191
2	136	114	125	159	94	115	152	117	135	349	159	203
3	182	117	136	202	97	121	170	125	146	326	162	207
4	287	118	147	139	98	113	166	128	145	428	164	208
5	300	123	150	128	97	112	190	130	148	495	174	227
6	170	129	144	141	95	110	270	131	159	482	178	232
7	168	124	139	199	94	115	300	128	172	405	179	230
8	214	122	146	153	94	113	285	128	184	357	168	220
9	252	125	146	156	95	113	508	136	221	294	157	203
10	184	119	143	144	97	117	701	138	284	221	164	180
11	322	113	152	135	97	113	200	125	160	218	164	180
12	202	119	136	138	98	113	165	127	146	231	166	181
13	200	126	142	132	96	110	274	128	162	212	171	184
14	281	119	147	189	92	114	205	128	154	206	165	184
15	160	118	131	161	92	109	220	140	169	238	159	187
16	143	118	129	181	97	125	233	156	185	214	156	177
17	180	113	131	197	104	124	207	153	177	214	159	180
18	151	114	130	274	110	142	213	144	169	311	176	200
19	249	108	130	165	105	121	268	139	167	322	193	219
20	172	106	123	175	106	124	279	150	182	317	194	228
21	157	99	116	146	102	116	226	143	172	286	192	227
22	261	96	115	124	102	113	204	145	168	303	190	230
23	250	95	111	144	103	116	296	146	166	247	178	214
24	267	94	118	146	105	116	239	151	175	236	176	199
25	111	93	101	202	109	128	220	156	177	230	171	195
26	132	94	109	258	115	146	240	152	175	237	175	200
27	163	98	117	165	115	130	216	153	181	236	176	203
28	329	100	169	220	117	134	222	155	178	232	178	204
29	310	102	145	143	120	132	220	170	182	526	179	250
30	---	---	---	142	118	129	220	171	188	1380	192	453
31	---	---	---	149	114	129	---	---	---	719	187	329
MONTH	329	93	133	308	92	121	701	113	172	1380	156	217

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	3910	193	727	1180	206	375	9700	275	2560	197	123	149
2	8290	222	1420	1160	204	387	4150	261	1050	210	133	160
3	10900	239	2010	811	218	352	2240	216	736	231	130	157
4	11000	275	2250	822	215	353	397	200	273	258	120	153
5	10200	281	2260	674	211	348	282	188	235	311	115	146
6	11500	315	2880	423	206	277	258	184	212	157	110	120
7	8800	277	2140	332	207	253	222	181	200	123	105	114
8	3180	257	979	248	204	231	227	180	196	136	107	122
9	861	236	478	448	202	251	269	173	195	---	---	---
10	481	233	357	248	190	215	226	174	195	---	---	---
11	348	210	285	228	191	209	261	178	202	---	---	---
12	950	197	366	232	189	209	220	181	200	---	---	---
13	675	209	382	240	182	208	210	163	189	---	---	---
14	454	187	254	258	180	207	210	164	186	---	---	---
15	297	178	220	470	187	234	202	160	178	---	---	---
16	291	179	210	471	190	257	201	171	186	---	---	---
17	398	189	232	390	186	223	192	159	175	---	---	---
18	746	189	264	245	180	203	202	152	175	---	---	---
19	1890	199	360	251	179	205	172	122	151	---	---	---
20	2060	203	506	225	180	201	164	122	135	---	---	---
21	1130	205	404	227	191	207	165	122	136	---	---	---
22	299	192	234	248	200	217	200	127	146	---	---	---
23	247	186	211	244	202	224	187	132	153	---	---	---
24	245	194	214	247	198	223	172	142	155	---	---	---
25	264	197	232	262	195	222	193	130	151	---	---	---
26	237	203	221	340	193	244	175	127	144	---	---	---
27	382	201	254	528	193	285	245	124	146	---	---	---
28	279	201	233	894	198	358	181	125	145	---	---	---
29	501	196	267	1960	210	545	186	130	152	---	---	---
30	847	208	333	6810	222	1310	212	125	154	149	84	98
31	---	---	---	9700	266	2430	169	122	143	---	---	---
MONTH	11500	178	706	9700	179	370	9700	122	299	---	---	---

WACCAMAW RIVER BASIN

02110760 AIW AT MYRTLEWOOD GOLF COURSE AT MYRTLE BEACH, SC

LOCATION.--Lat 33°44'26'', long 78°52'01'', Horry County, Hydrologic Unit 03040207, on East bank of the Atlantic Intracoastal Waterway, 50 ft south of Black Creek, 3.5 mi northeast of Myrtle Beach and at AIW mile 361.8.

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--January 1983 to September 1990, February 2001 to current year.

GAGE.--Data collection platform and acoustic velocity meter. Datum of gage is 12.07 ft below NGVD of 1929.

REMARKS.--This site is strongly affected by astronomical tides. The astronomical tides occur at primary harmonic periods of 12.42 hours for semi-diurnal tides and 24.84 hours for diurnal tides. Previously published 24-hour daily mean discharge for this site may have been affected by aliasing due to tides and, thus, may contain spurious fluctuations or oscillations that were not indicative of net downstream discharge. Negative flow is south towards Georgetown. Discharge records for the 1983-1990 water years were computed by utilization of a One-Dimensional unsteady flow simulation model (BRANCH) and are rated poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 7,210 ft³/s, Apr. 1, 1983, maximum gage height, 18.50 ft, Apr. 1, 2003; minimum discharge, -6060 ft³/s, May 19, 2003, minimum gage height, 11.15 ft, Apr. 18, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 5,540 ft³/s, Sep. 22, maximum gage height, 17.49 ft, Sep. 21; minimum discharge, -5,420 ft³/s, Oct. 29, minimum gage height, 11.15 ft, Apr. 18.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	3980	-4350	3930	-4060	2840	-3090	3170	-2960	3140	-3390	3470	-1740
2	4060	-4000	3900	-3720	3140	-3320	3240	-3350	3340	-3690	3300	-2150
3	4000	-4530	3960	-3990	3120	-3190	3080	-3320	3580	-3930	3310	-2630
4	3920	-3690	3950	-3660	3370	-3790	3210	-3080	3020	-3720	3590	-3170
5	3600	-3660	3930	-3820	3350	-3730	3150	-3240	3290	-3910	3710	-3170
6	3550	-3810	3740	-4180	3210	-3770	3220	-3470	3400	-3920	3970	-3170
7	3440	-4230	3810	-4080	3580	-3520	3400	-3590	3510	-3480	3840	-3650
8	3550	-4430	3890	-4230	3560	-3940	3300	-3830	---	---	3860	-4330
9	3970	-4270	3990	-3710	3640	-3730	3430	-3830	3420	-4070	4000	-3640
10	3870	-4230	3900	-3880	3730	-4110	3490	-4310	3360	-3630	4120	-3450
11	3830	-4110	3890	-3780	3620	-3360	3500	-4270	3140	-3530	4100	-3090
12	3790	-4180	3510	-3520	3400	-3830	3240	-3150	3400	-3050	3950	-3030
13	3840	-4560	3000	-3650	3470	-3750	3030	-3810	3520	-3930	3780	-2910
14	3670	-4220	3350	-3070	3780	-3590	3170	-3890	3580	-3150	3990	-3040
15	3530	-3770	3180	-3370	3290	-3460	3220	-3270	3930	-3030	3560	-3300
16	3440	-4020	3350	-3280	3350	-3450	3270	-3890	3790	-3990	3710	-3310
17	3260	-3200	3120	-3180	3460	-3230	3360	-4010	4310	-3950	3680	-4030
18	3060	-3680	3220	-3170	3310	-4040	3650	-4100	4160	-3700	3860	-4170
19	3580	-3350	3520	-4070	3360	-4150	3290	-4420	4100	-4010	3850	-4330
20	3300	-3590	3580	-4040	3460	-3900	3440	-4230	4100	-3650	4060	-4410
21	3490	-3880	3710	-4710	3620	-4570	3580	-4390	3960	-2890	3930	-4250
22	3700	-4190	3700	-4770	3670	-4370	3430	-4420	4010	-3470	3650	-4130
23	3850	-4550	3910	-4760	3710	-4580	3160	-4230	3970	-3000	3740	-4500
24	3680	-4780	3950	-4940	3800	-4330	3130	-3950	3950	-2460	---	---
25	3930	-5010	3880	-5000	3580	-4220	3440	-4540	3960	-2310	---	---
26	3850	-5030	3960	-5120	3470	-4090	3620	-3770	4190	-2660	---	---
27	3810	-5210	3940	-5010	3600	-3920	3380	-3660	4040	-2390	---	---
28	3840	-4670	3940	-4090	3530	-3610	2720	-2420	3870	-2170	---	---
29	3940	-5420	2990	-3540	3290	-2960	2870	-2630	3700	-1040	---	---
30	3980	-4240	3170	-3340	3360	-2640	2910	-3050	---	---	---	---
31	3950	-4160	---	---	3170	-3150	2990	-3170	---	---	---	---
MONTH	4060	-5420	3990	-5120	3800	-4580	3650	-4540	---	---	---	---

WACCAMAW RIVER BASIN

02110760 AIW AT MYRTLEWOOD GOLF COURSE AT MYRTLE BEACH, SC--Continued

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	---	---	2800	-3250	3240	-4290	3320	-4400	3500	-4900	3840	-3980
2	---	---	2910	-3940	3550	-4400	3530	-4680	3720	-5300	3910	-4070
3	---	---	2910	-3800	3460	-4690	3350	-4730	3780	-5010	4220	-3430
4	---	---	3050	-4500	3520	-4610	3470	-4680	3490	-4650	3970	-2990
5	---	---	3190	-4030	3430	-4320	---	---	3340	-4400	3900	-3110
6	---	---	3140	-4300	3460	-4610	3380	-4240	3240	-4540	3910	-2300
7	---	---	3160	-3860	3480	-4390	3400	-4290	3350	-4240	3700	-2860
8	3320	-4510	3060	-4010	3330	-4150	3280	-4170	3270	-3610	3640	-2350
9	3440	-4390	3260	-3470	3080	-4020	3150	-4230	3230	-3350	3700	-2040
10	3430	-3900	3200	-3850	3150	-3870	3020	-3840	3030	-3550	3700	-2600
11	3340	-3840	3540	-3830	3250	-3860	3190	-3880	2980	-3300	4060	-3090
12	3300	-3640	3370	-3840	3430	-4070	3360	-3610	2970	-3520	4000	-3140
13	3480	-4120	3310	-3850	3400	-4180	3340	-3630	3190	-3720	4350	-3840
14	2780	-3110	3230	-3810	3400	-3910	2940	-3860	4530	-3730	4430	-3100
15	---	---	3490	-3770	3220	-4030	2820	-3860	3460	-3740	4430	-2620
16	3590	-4050	3490	-3930	2990	-3780	3200	-3830	3840	-3470	4450	-2760
17	3480	-3780	3280	-4080	2930	-3620	3410	-3730	3780	-3650	4850	-3260
18	3420	-3270	3050	-4250	2860	-3650	3370	-4110	4090	-3610	4880	980
19	3310	-3800	3180	-3870	3040	-3800	3250	-4040	4030	-3330	4980	-2480
20	3080	-3850	3080	-3650	3220	-3680	3160	-3880	3720	-3810	5360	-3200
21	3050	-3770	2980	-3440	3460	-3830	3340	-3970	3570	-3530	5520	-1760
22	3240	-3770	3060	-3420	3270	-3420	3250	-3750	3540	-3760	5540	1310
23	2940	-3190	3090	-3380	2860	-3390	3220	-3530	3750	-3830	5260	423
24	2750	-3600	3040	-3240	---	---	3050	-3590	3980	-4260	5140	-2430
25	2800	-2970	2880	-3340	3050	-3370	3160	-3670	3850	-4310	5160	-2470
26	2850	-2360	2810	-3490	2880	-3210	3390	-3780	3660	-4400	5230	-3340
27	2590	-2410	2750	-3220	3250	-3640	3310	-3980	3640	-4910	5040	-3440
28	2830	-2920	3040	-3370	3240	-3890	3330	-4080	3850	-4820	5010	-942
29	2730	-2770	3200	-3610	---	---	3130	-4380	4000	-4870	4350	-2760
30	2700	-3270	3250	-4310	3330	-4150	3280	-4620	4200	-3810	4180	-3690
31	---	---	3280	-4290	---	---	3640	-4890	3730	-3980	---	---
MONTH	---	---	3540	-4500	---	---	---	---	4530	-5300	5540	-4070

02110760 AIW AT MYRTLEWOOD GOLF COURSE AT MYRTLE BEACH, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1986 to 1989, to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: February 1986 to September 1989, February 1994 to current year.

pH: February 1986 to September 1989 (discontinued).

WATER TEMPERATURE: February 1986 to September 1989 (discontinued).

DISSOLVED OXYGEN: February 1986 to September 1989 (discontinued).

INSTRUMENTATION.--Water-quality multiprobe and data collection platform.

REMARKS.--Specific conductance records rated excellent except for Dec. 6 to Jan. 8, June 23 to July 11, which are good, and July 12-15, which are poor.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 293 microsiemens, Nov. 26, 1996; minimum, 32 microsiemens, Sep. 19, 20, 22, 1996.

pH: Maximum, 8.0 units, Aug. 22, 1988; minimum, 5.2 units, Sept. 22, 1987.

WATER TEMPERATURE: Maximum, 33.0°C, Jul. 21, 1986, Jul. 11, 1987; minimum, 6.0°C, Jan. 29, 1987, Dec. 18, 19, 1988.

DISSOLVED OXYGEN: Maximum, 11.7 mg/L, Jan. 21, 1988; minimum, 1.1 mg/L, Sep. 30, 1989.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 221 microsiemens, June 7; minimum, 73 microsiemens, Sep. 22-25.

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	106	98	101	116	99	107	96	88	91	85	79	82
2	100	96	98	104	97	100	96	87	91	84	79	81
3	104	96	99	106	99	102	97	86	91	85	79	82
4	100	92	96	107	100	104	98	87	91	84	80	82
5	97	89	93	106	100	103	97	90	94	86	80	82
6	101	91	94	109	100	103	98	89	93	88	80	83
7	104	91	95	108	100	104	99	89	93	89	80	84
8	115	91	100	111	97	103	100	88	93	96	80	88
9	142	108	128	105	90	97	99	88	93	100	87	92
10	140	121	131	96	84	89	99	88	93	101	88	93
11	132	113	121	89	81	85	114	93	103	100	87	92
12	123	104	114	86	80	82	109	102	105	95	87	91
13	116	93	102	88	80	83	110	99	104	99	88	93
14	103	91	98	93	82	86	118	103	110	103	94	97
15	101	88	94	88	80	84	109	102	104	103	91	97
16	102	92	97	88	80	84	108	99	103	103	91	96
17	100	91	96	88	82	84	106	99	103	102	92	96
18	107	96	102	91	81	86	108	102	105	106	92	96
19	111	101	106	98	82	88	108	102	106	104	93	98
20	109	100	104	102	88	94	112	104	108	106	95	100
21	110	99	104	103	85	92	110	99	103	109	96	101
22	115	100	107	97	84	90	105	95	99	110	97	103
23	117	101	109	96	82	88	102	93	96	113	98	104
24	118	100	108	96	82	87	100	92	95	111	101	105
25	115	98	105	95	81	87	98	90	93	120	102	109
26	109	94	101	95	82	87	95	87	91	131	103	114
27	112	97	104	92	82	86	91	85	88	133	114	121
28	127	99	110	90	82	86	89	82	85	128	112	120
29	138	114	129	92	82	86	86	81	84	122	112	117
30	137	120	128	96	86	91	84	81	83	124	106	113
31	126	112	119	---	---	---	85	81	82	117	106	111
MONTH	142	88	106	116	80	92	118	81	96	133	79	98

WACCAMAW RIVER BASIN

02110770 AIW AT GRAND STRAND AIRPORT AT NORTH MYRTLE BEACH, SC

WATER-QUALITY RECORDS

LOCATION.--Lat 33°49'19'', long 78°42'57'', Horry County, Hydrologic Unit 03040207, at east bank of Atlantic Intracoastal Waterway, 1000 ft northwest of north end of runway, 9.5 mi south of junction of Little River Inlet, and at AIW mile 351.5.

PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Water years 1987 to current year.

INSTRUMENTATION.--Water-quality multiprobe and data collection platform.

REMARKS.--Specific conductance records excellent except for Nov. 23 to Jan. 8, which are good. Prior to Oct. 1, 1990, values less than 100 microsiemens were not recordable.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 49,400 microsiemens, Sep. 22, 1989; minimum, 42 microsiemens, Aug. 30, 31, 1992.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 28,700 microsiemens, June 6; minimum, 86 microsiemens, Sep. 21-24.

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	294	120	150	170	134	148	250	118	147	119	106	112
2	172	118	130	152	122	137	181	124	140	125	106	114
3	214	114	131	150	122	132	215	124	154	129	106	115
4	154	114	126	140	118	128	336	127	175	133	106	114
5	158	110	124	140	122	130	292	127	156	135	108	117
6	336	114	137	141	122	130	195	125	144	146	112	123
7	576	122	185	151	129	138	297	127	154	243	116	138
8	634	130	191	187	131	146	677	126	187	692	118	179
9	174	132	146	172	129	140	644	126	190	798	116	199
10	166	138	152	142	121	131	965	118	212	638	116	165
11	198	156	169	128	111	119	175	120	129	290	112	135
12	230	154	173	128	106	115	280	124	148	142	110	119
13	218	142	161	128	104	111	420	132	165	164	112	124
14	256	134	161	157	108	119	391	139	163	318	120	156
15	156	118	133	184	112	127	155	136	141	326	120	154
16	302	118	143	147	106	118	155	134	142	536	122	175
17	190	118	132	127	105	114	174	134	147	766	120	190
18	174	116	132	220	109	128	168	128	146	1720	116	299
19	350	120	149	395	115	156	182	132	146	580	114	212
20	190	122	136	412	117	159	199	136	148	2940	120	473
21	264	126	153	1560	126	325	415	134	173	3770	126	616
22	968	130	227	1010	132	244	529	132	170	3070	128	470
23	1630	136	472	1240	122	248	554	126	182	1890	126	395
24	3190	140	619	1730	116	333	799	121	190	1140	134	295
25	2860	142	465	1670	112	330	366	119	141	7570	140	1250
26	984	134	244	2070	115	360	286	115	135	4270	142	630
27	2250	128	404	1480	115	266	286	113	135	156	134	144
28	3210	128	581	326	107	142	138	111	119	158	138	144
29	626	136	209	189	107	121	121	106	114	158	138	147
30	232	142	160	361	113	153	119	104	111	166	140	150
31	182	144	157	---	---	---	119	106	112	218	140	158
MONTH	3210	110	215	2070	104	172	965	104	152	7570	106	252

WACCAMAW RIVER BASIN

02110777 AIW AT HIGHWAY 9 AT NIXONS CROSSROADS, SC

LOCATION.--Lat 33°51'05'', long 78°39'22'', Horry County, Hydrologic Unit 03040207, on bridge fender near center of channel under Hwy. 9 bridge of the Atlantic Intracoastal Waterway, 0.5 mi southeast of Nixons Crossroads, 5.2 mi south of junction of Little River Inlet and at AIW mile 347.3.

DRAINAGE AREA.--Indeterminate.

GAGE-HEIGHT RECORDS

PERIOD OF RECORD.--October 1989 to current year.

GAGE.--Data collection platform. Datum of gage is 11.72 ft below NGVD of 1929. Prior to August 26, 2003 at site 250 ft upstream at same datum.

REMARKS.--Gage height tidally affected. Discharge records for the 1990-2000 water years were computed by utilization of the One-Dimensional unsteady flow simulation model (BRANCH) and are rated poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 18.37 ft, Oct. 8, 1996; minimum gage height, 8.42 ft, Jan. 1, 1990.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 16.55 ft, Nov. 26; minimum gage height, 9.04 ft, Mar. 8.

DAY	Gage height, feet											
	WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004											
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	15.99	10.97	13.36	15.54	11.13	13.13	13.82	9.97	11.88	13.87	10.04	11.91
2	15.65	10.94	13.16	15.51	11.26	13.23	13.88	10.10	11.80	13.94	10.05	12.03
3	15.93	11.34	13.32	15.67	11.13	13.44	13.90	10.30	12.16	13.92	10.00	12.06
4	15.34	10.89	13.12	15.27	10.93	13.23	14.74	10.82	12.74	14.03	9.92	12.06
5	14.97	10.59	12.72	15.01	10.90	13.06	14.78	10.48	12.66	14.16	9.92	12.04
6	15.10	10.54	12.72	15.12	10.85	12.96	14.50	10.39	12.44	14.09	9.97	11.99
7	15.13	10.54	12.85	14.94	10.71	12.91	14.89	10.39	12.71	14.39	10.03	12.19
8	15.18	10.63	13.03	15.62	10.98	13.32	15.28	10.70	12.93	14.83	10.27	12.43
9	15.26	10.77	13.05	15.45	10.99	13.13	15.38	10.88	13.00	15.01	10.24	12.49
10	15.24	10.87	13.05	15.40	11.01	13.03	15.74	10.92	13.34	15.23	10.41	12.49
11	15.43	10.85	13.17	15.21	10.95	12.80	14.32	10.47	12.29	14.92	10.37	12.49
12	15.44	11.01	13.23	14.68	10.80	12.54	14.79	10.41	12.48	14.15	10.06	11.92
13	15.44	11.13	13.18	14.00	10.28	11.91	15.07	10.81	12.91	14.16	9.89	11.93
14	15.42	11.23	13.36	14.25	10.40	12.11	15.32	11.08	13.12	14.27	10.13	12.31
15	14.36	10.54	12.62	14.07	10.45	12.24	14.48	10.42	12.22	14.54	10.10	12.04
16	14.91	10.99	12.75	14.09	10.52	12.10	14.60	10.75	12.49	14.37	10.29	12.31
17	14.32	10.90	12.63	13.69	10.31	11.96	14.65	9.95	12.32	14.77	10.25	12.45
18	14.43	10.83	12.58	14.42	10.64	12.41	14.43	9.87	12.31	15.36	9.50	12.50
19	14.76	11.31	12.87	14.66	10.19	12.81	14.52	9.91	12.06	14.88	9.50	12.30
20	14.41	10.74	12.56	15.01	10.50	12.55	14.56	9.56	12.19	15.27	9.86	12.59
21	14.80	10.41	12.73	15.74	10.45	13.14	15.18	9.56	12.41	15.61	9.81	12.64
22	14.99	10.35	12.56	15.73	10.31	13.01	15.41	9.79	12.46	15.50	9.79	12.42
23	15.59	10.54	13.13	16.03	10.06	12.91	15.65	9.57	12.56	15.09	9.49	12.16
24	15.80	10.58	13.28	16.33	10.06	12.98	15.81	9.95	12.60	14.65	9.73	12.09
25	16.26	10.42	13.15	16.09	9.77	12.92	15.35	9.81	12.26	15.46	10.05	12.71
26	15.81	10.03	12.81	16.55	10.54	13.21	15.18	9.89	12.22	15.08	10.57	12.76
27	16.19	10.14	12.93	16.34	10.60	13.13	15.20	10.12	12.30	14.63	10.48	12.42
28	16.22	10.30	13.06	15.78	10.68	12.57	14.73	10.30	12.33	13.75	9.93	11.69
29	16.15	10.16	13.12	13.90	9.14	11.49	14.29	10.50	12.17	13.55	10.22	11.80
30	15.88	10.93	13.17	14.29	10.26	12.14	14.23	9.97	11.87	13.76	10.17	11.77
31	15.74	11.15	13.08	---	---	---	13.90	10.27	12.02	13.87	10.58	12.13
MONTH	16.26	10.03	12.98	16.55	9.14	12.75	15.81	9.56	12.43	15.61	9.49	12.23

WACCAMAW RIVER BASIN

02110777 AIW AT HIGHWAY 9 AT NIXONS CROSSROADS, SC--Continued

Gage height, feet
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	14.08	10.55	12.32	13.81	10.30	11.86	14.44	10.25	12.31	14.30	10.11	12.35
2	14.56	10.79	12.65	13.59	9.84	11.65	14.25	10.23	12.32	14.88	9.94	12.29
3	14.97	9.74	12.33	13.43	9.93	11.61	14.92	10.22	12.49	14.88	9.62	12.18
4	14.12	9.69	11.94	14.05	9.93	11.94	14.75	10.04	12.50	15.76	9.22	12.34
5	14.64	9.98	12.46	14.21	9.94	12.07	15.30	9.79	12.45	15.70	9.88	12.56
6	14.83	10.30	12.53	14.41	9.90	12.00	15.58	9.98	12.63	15.71	9.66	12.38
7	14.26	9.80	11.81	14.70	9.37	12.12	15.29	9.68	12.34	15.69	9.99	12.45
8	13.92	9.12	11.58	14.92	9.04	11.89	15.41	9.93	12.41	15.53	10.15	12.54
9	14.24	9.68	12.04	15.23	10.24	12.63	15.49	10.35	12.62	15.53	10.54	12.67
10	14.00	9.76	11.81	15.15	10.11	12.59	15.45	10.53	12.66	15.35	10.58	12.68
11	14.08	9.72	11.72	14.89	10.40	12.57	15.06	10.39	12.26	15.06	10.54	12.58
12	14.25	10.23	12.29	14.91	10.43	12.40	14.73	10.49	12.51	14.77	10.42	12.46
13	14.72	10.43	12.14	14.91	10.47	12.37	14.77	10.06	12.31	14.40	10.28	12.31
14	14.63	10.44	12.21	15.08	10.43	12.37	13.61	9.40	11.55	14.31	10.13	12.28
15	15.11	10.38	12.70	14.48	10.38	12.16	14.20	9.63	12.01	14.53	10.09	12.30
16	14.95	10.32	12.59	14.81	10.36	12.52	14.73	10.13	12.47	14.55	10.04	12.24
17	15.52	10.29	12.85	14.83	10.50	12.74	14.40	9.88	12.18	14.57	9.85	12.15
18	15.40	10.18	12.58	15.22	10.46	12.83	14.15	9.58	11.88	14.62	9.90	12.14
19	15.58	10.16	12.71	15.04	10.10	12.73	14.15	9.43	11.69	14.48	9.93	12.09
20	15.42	10.08	12.56	15.65	10.58	13.07	14.13	9.33	11.58	14.08	9.67	11.79
21	15.01	9.92	12.29	14.93	10.08	12.56	14.29	9.76	11.87	14.20	9.79	11.75
22	15.10	10.09	12.48	14.78	10.07	12.51	13.95	9.74	11.76	14.13	9.89	11.87
23	14.97	10.19	12.51	14.63	10.45	12.52	13.66	9.86	11.59	14.11	10.19	11.89
24	14.95	10.72	12.70	14.12	10.01	12.08	13.80	9.86	11.58	13.86	10.09	11.85
25	14.95	11.06	12.94	13.69	9.97	11.82	13.75	10.48	11.96	13.79	10.12	11.78
26	15.01	11.54	13.18	13.60	9.91	11.59	13.78	10.56	11.97	13.73	10.30	11.89
27	14.92	10.94	12.77	13.57	10.30	11.74	13.62	10.26	11.95	13.71	10.22	12.00
28	14.65	11.19	12.77	13.67	10.50	12.16	13.96	10.80	12.09	14.13	10.33	12.16
29	14.26	10.74	12.19	14.38	11.56	12.86	13.97	10.38	12.09	14.43	10.10	12.33
30	---	---	---	14.78	11.38	12.95	13.89	10.13	12.01	15.28	10.65	12.84
31	---	---	---	14.73	10.64	12.94	---	---	---	15.22	9.99	12.59
MONTH	15.58	9.12	12.40	15.65	9.04	12.32	15.58	9.33	12.13	15.76	9.22	12.25

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	15.69	9.70	12.44	15.85	9.65	12.53	16.10	10.20	13.08	15.13	10.12	12.64
2	15.91	9.80	12.56	15.82	9.86	12.52	16.26	10.44	13.15	15.43	10.77	12.98
3	15.95	9.71	12.52	15.88	9.99	12.64	15.84	10.65	13.14	15.30	10.86	12.94
4	15.86	9.82	12.53	15.81	10.09	12.67	15.38	10.51	12.97	14.95	10.87	12.89
5	15.90	9.90	12.49	15.49	10.22	12.62	15.29	10.68	12.90	14.98	11.13	13.02
6	15.83	10.24	12.73	15.12	10.20	12.58	15.03	10.53	12.88	14.84	11.47	13.19
7	15.68	10.40	12.66	15.15	10.43	12.78	15.27	11.02	13.13	15.14	11.81	13.40
8	15.43	10.53	12.68	14.98	10.50	12.75	14.67	10.93	12.77	14.97	11.72	13.24
9	15.08	10.36	12.57	14.77	10.50	12.65	14.48	10.78	12.51	14.03	10.81	12.49
10	14.68	10.52	12.60	---	---	---	14.31	10.59	12.43	14.34	10.75	12.39
11	14.61	10.31	12.45	---	---	---	14.30	10.49	12.36	14.97	10.96	12.91
12	15.03	10.25	12.66	---	---	---	14.29	10.12	12.21	15.49	11.09	13.17
13	15.29	10.99	13.11	---	---	---	13.95	10.15	12.21	15.83	11.10	13.25
14	14.99	10.64	12.74	---	---	---	15.47	10.58	12.78	15.58	11.11	13.35
15	14.63	10.39	12.48	14.95	10.59	12.66	14.72	10.55	12.57	15.46	10.83	13.12
16	14.53	10.02	12.14	15.11	10.68	12.71	14.83	10.46	12.53	15.49	10.82	13.12
17	14.51	9.98	12.11	15.14	10.80	12.76	15.06	10.61	12.63	16.05	11.04	13.28
18	14.64	9.98	12.17	14.94	10.40	12.48	15.03	10.74	12.79	15.06	10.35	12.59
19	15.04	10.43	12.52	14.73	10.49	12.54	14.66	10.54	12.60	---	---	---
20	15.38	10.87	12.84	14.90	10.39	12.49	14.65	10.42	12.45	16.47	11.61	13.68
21	15.13	11.13	12.96	14.70	10.49	12.51	14.55	10.46	12.30	16.54	11.85	13.80
22	14.41	10.51	12.44	14.65	10.52	12.55	14.63	10.17	12.34	15.95	11.55	13.45
23	14.07	10.18	12.03	14.60	10.67	12.61	15.27	10.80	12.79	15.81	11.28	13.26
24	13.85	10.03	11.91	14.54	10.53	12.42	15.33	10.76	12.88	16.27	11.49	13.59
25	14.12	10.37	12.21	14.59	10.34	12.30	15.33	10.70	12.81	16.34	11.50	13.72
26	13.97	10.28	12.00	14.97	10.27	12.46	15.50	10.59	12.88	16.51	11.24	13.71
27	14.76	10.31	12.44	15.30	10.26	12.59	15.88	10.49	12.97	16.52	11.17	13.78
28	14.74	10.10	12.27	15.54	10.01	12.49	16.09	10.40	13.14	15.94	10.68	13.30
29	15.28	9.87	12.25	15.39	9.79	12.44	16.50	10.70	13.61	15.32	10.31	12.93
30	15.45	9.78	12.52	15.95	9.91	12.71	15.20	9.92	12.61	15.78	10.66	13.19
31	---	---	---	16.40	10.19	13.01	15.04	10.00	12.49	---	---	---
MONTH	15.95	9.70	12.47	---	---	---	16.50	9.92	12.74	---	---	---

02110777 AIW AT HIGHWAY 9 AT NIXONS CROSSROADS, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1986 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: April 1986 to current year.

pH: April 1986 to September 1989 (discontinued).

WATER TEMPERATURE: April 1986 to current year.

DISSOLVED OXYGEN: April 1986 to current year.

INSTRUMENTATION.--Water-quality multiprobe and data collection platform.

REMARKS.--Specific conductance records rated excellent except for Mar. 10-24, which are good. Temperature records rated excellent. Dissolved oxygen records rated good except for May 31 to June 2, Aug. 15-18, and Sep. 27-30, which are fair, and June 3-16, which are poor. Prior to October 1, 2003 dissolved oxygen concentrations are not corrected for salinity.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 59,100 microsiemens, May 4, 1995; minimum, 50 microsiemens, Feb. 10 - 12, 1996.

pH: Maximum, 8.5 units, Nov. 3, 1987; minimum, 5.0 units, Nov. 22, 1987.

WATER TEMPERATURE: Maximum, 34.0°C, Aug. 1, 1999; minimum, 2.0°C, Dec. 23 - 26, 28, 1989.

DISSOLVED OXYGEN: Maximum, 14.6 mg/L, Jan. 28, 1988; minimum, 0.6 mg/L, Sep. 16, 1996.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 45,900 microsiemens, July 31; minimum, 92 microsiemens, Sep. 23, 24.

WATER TEMPERATURE: Maximum, 31.6°C, July 14-16; minimum, 5.4°C, Feb. 2.

DISSOLVED OXYGEN: Maximum, 11.3 mg/L, Feb. 3; minimum, 2.2 mg/L, Sep. 24.

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	32400	204	8520	22400	180	4550	21400	204	4970	14100	130	2000
2	27700	150	7560	21600	168	4520	21400	164	3860	19500	132	3290
3	32000	140	8370	22100	182	5300	19400	206	4860	19700	136	2710
4	27700	160	9230	17200	152	2710	24600	216	7480	20500	140	2580
5	26800	132	4000	10900	146	1850	23300	252	5820	22800	134	3220
6	27500	144	5270	15800	152	2200	22300	194	4310	20700	136	3240
7	28800	256	7770	14700	152	2190	27700	184	6980	25100	142	5190
8	26100	404	6500	25200	170	5450	30500	218	8680	28800	180	6800
9	14900	174	2340	20100	182	2870	31200	234	8480	29300	236	6640
10	19100	184	3150	22400	152	2690	31200	196	12600	28200	164	5970
11	22000	190	4790	22300	138	2550	20500	172	2750	25200	180	5110
12	---	---	---	23500	128	2790	27000	144	5620	17000	138	2600
13	---	---	---	16400	128	1990	29300	172	7610	23200	140	3860
14	---	---	---	31800	130	5650	26700	188	8440	22000	282	6600
15	20400	176	3400	23300	172	6260	18400	152	1870	25900	202	5220
16	27000	164	6580	22700	150	4530	16900	162	3020	26900	194	7260
17	26100	198	8400	19600	142	3610	18800	146	2770	28900	194	8010
18	23700	160	6510	26000	176	6320	22700	146	5080	32500	166	8220
19	29000	272	11500	22800	234	9040	18100	158	2540	29400	156	9050
20	19500	190	6570	---	---	---	23300	158	3420	37200	318	11900
21	25900	222	7280	---	---	---	32700	156	6130	41400	316	13400
22	27500	212	6880	31300	430	10300	30300	176	5040	38800	346	11100
23	32700	404	12900	36900	258	8760	38500	172	7130	32500	262	10300
24	35000	940	14600	42800	212	10800	34600	168	6340	30600	406	9680
25	38500	850	13100	42300	196	11200	23300	148	3780	38900	574	16500
26	33900	340	9150	41900	226	11700	24000	140	3650	33200	328	12500
27	40900	314	11100	36300	242	10000	25000	140	3800	24900	168	3870
28	41600	318	12700	28600	178	6540	19300	142	2610	8340	158	912
29	36900	326	9100	18700	130	2890	9180	130	1130	19000	164	4140
30	24400	224	5290	27600	232	7270	11400	122	1150	22200	186	6720
31	25800	188	4660	---	---	---	16700	124	3400	25000	218	10100
MONTH	---	---	---	---	---	---	38500	122	5010	41400	130	6730

02110777 AIW AT HIGHWAY 9 AT NIXONS CROSSROADS, SC--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	26900	220	9210	188	108	123	19400	212	5460	20100	476	7030
2	27900	200	8190	204	112	129	20700	222	6650	21100	308	5790
3	27900	180	5790	218	125	149	25800	282	8650	19100	282	4760
4	22600	164	4030	12100	119	836	25500	330	8980	40200	318	9380
5	27600	196	7530	1750	120	274	31900	348	9610	35300	582	12000
6	27100	302	6100	364	117	181	34900	614	11300	36900	436	10500
7	18600	164	2060	2420	117	314	35700	354	10400	36900	450	10500
8	20200	152	3990	15900	114	1450	35700	564	12200	35700	468	10200
9	25200	234	5910	12500	123	1900	35500	1240	14200	32100	384	9650
10	14500	184	2700	12500	117	682	35700	538	13700	28300	330	7800
11	11900	156	1820	5620	114	448	29600	294	7700	24800	288	6280
12	20600	162	2980	12000	113	810	26100	350	8200	21500	258	5040
13	10200	144	846	14600	111	1180	26200	202	6710	17700	258	4230
14	19500	144	1850	16300	108	1340	24600	212	5160	18600	258	5930
15	19300	140	2070	6360	108	465	25500	240	9850	22500	300	5040
16	1880	140	288	19400	111	2130	29000	934	12800	23000	286	6150
17	17400	138	2110	16100	120	2060	22800	486	8370	25100	288	6900
18	9250	138	724	19800	132	2830	21600	264	5300	28300	546	8300
19	15500	136	1350	16900	131	3080	21100	226	4360	26700	610	9610
20	13300	132	1130	24800	147	5550	23800	216	4300	26700	526	8970
21	550	116	204	9710	127	1580	25400	314	6300	27700	530	9030
22	8590	116	667	16900	125	2630	25400	214	5540	27700	532	9350
23	414	112	174	15600	130	2280	21900	212	3960	26400	444	8680
24	380	110	169	15600	121	918	23800	226	5010	26500	372	8240
25	410	112	165	11300	124	1710	24100	472	9120	23700	520	8560
26	3510	108	385	12100	136	1280	23400	302	8250	25000	954	12000
27	128	110	118	16000	144	2550	23500	352	7890	25300	1710	13800
28	206	116	131	21500	194	7270	23500	374	9130	27200	2500	14500
29	3530	112	280	26800	526	11500	24000	470	8840	29100	1890	15000
30	---	---	---	29100	290	13700	16300	384	6010	30900	5600	19000
31	---	---	---	25400	282	11500	---	---	---	34300	1260	17400
MONTH	27900	108	2520	29100	108	2670	35700	202	8130	40200	258	9340

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	42200	1330	17900	44400	710	17000	44500	9960	29700	890	152	324
2	43100	4440	23800	41600	750	17400	44100	5460	26600	1230	156	314
3	43300	7430	26500	42000	912	16100	44100	2390	23400	456	158	205
4	43200	9240	28000	41300	956	15500	36800	1300	15600	278	144	170
5	43300	10200	27300	41300	772	15300	33200	1250	13900	266	134	153
6	43300	14800	30000	37500	1020	14100	28100	532	11100	208	126	140
7	42100	11000	27700	36000	1760	16000	29300	942	14400	15300	118	1410
8	39400	9010	24900	30000	1200	14400	24800	396	10200	9210	116	616
9	35900	6920	20800	27000	688	12200	25600	294	8200	166	114	126
10	32900	5440	19500	---	---	---	27100	416	11100	7640	120	467
11	31900	1920	16700	---	---	---	28500	534	12400	4660	128	364
12	35200	1220	18000	---	---	---	25100	532	11400	1460	134	277
13	33100	9710	22900	---	---	---	6150	232	956	2480	130	272
14	32000	900	16400	---	---	---	2040	234	485	424	118	181
15	29500	638	12600	33400	1580	15700	318	200	230	200	112	126
16	30800	554	10700	33400	1110	16400	352	200	230	182	108	117
17	33200	882	12800	31800	968	14000	504	192	249	230	106	117
18	37000	1900	15800	26300	344	8800	462	190	250	110	104	107
19	39500	5930	21000	25500	326	6660	410	160	226	---	---	---
20	39100	11300	23800	26500	416	6990	382	142	202	114	96	101
21	39100	5670	21800	26500	774	9110	4250	142	429	104	96	98
22	33800	412	13100	26300	942	11800	16100	146	1980	96	94	95
23	26500	582	8940	28200	1960	13700	21800	154	2900	98	92	94
24	24000	672	10500	26800	624	10700	19000	164	2990	102	92	96
25	30900	1830	15800	27800	490	9600	18900	168	2490	108	94	97
26	27000	792	12100	31500	478	11500	21100	156	3210	156	96	102
27	32900	1300	15500	34900	568	15000	28800	160	4700	230	96	109
28	31300	610	13200	37900	628	16200	31800	170	6200	102	98	100
29	38100	434	12100	39400	1230	18600	15300	250	4090	214	98	113
30	40800	842	16700	44600	5080	23700	1530	150	293	476	104	187
31	---	---	---	45900	11400	29000	1650	150	377	---	---	---
MONTH	43300	412	18600	---	---	---	44500	142	7110	---	---	---

WACCAMAW RIVER BASIN

02110777 AIW AT HIGHWAY 9 AT NIXONS CROSSROADS, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	23.9	22.8	23.1	19.7	18.8	19.3	13.9	12.9	13.4	9.1	8.2	8.6
2	23.1	22.1	22.5	19.9	18.8	19.4	13.2	12.3	12.8	9.2	8.3	8.7
3	22.5	20.9	21.6	20.2	19.2	19.7	12.6	11.3	11.9	9.6	8.6	9.1
4	21.7	20.9	21.4	20.8	20.0	20.3	11.4	10.8	11.0	10.6	9.4	10.0
5	22.1	21.1	21.6	21.3	20.3	20.7	11.0	10.8	10.9	11.7	10.5	11.2
6	22.6	21.4	21.9	22.2	20.8	21.4	11.1	10.6	10.8	12.2	11.2	11.7
7	22.7	22.0	22.2	22.2	21.4	21.6	10.8	10.3	10.6	11.2	10.1	10.7
8	22.2	21.4	21.9	21.7	20.4	21.2	10.6	10.1	10.3	10.1	9.4	9.8
9	22.1	21.2	21.6	20.4	17.9	19.1	10.5	9.9	10.2	9.7	9.2	9.4
10	21.9	21.6	21.7	17.9	17.2	17.5	11.3	10.2	10.7	9.2	8.3	8.5
11	21.8	21.4	21.5	17.8	17.0	17.4	11.1	10.5	10.8	8.4	7.0	7.5
12	---	---	---	18.5	17.5	17.9	11.0	10.2	10.6	7.8	6.9	7.4
13	---	---	---	18.4	17.7	18.1	10.9	9.9	10.3	8.1	7.4	7.7
14	---	---	---	17.8	16.4	16.9	10.7	9.4	10.0	8.4	7.7	7.9
15	22.5	21.3	21.7	17.3	15.5	16.1	9.6	9.0	9.3	8.9	8.1	8.5
16	21.8	20.5	21.1	16.3	15.0	15.7	9.8	8.9	9.4	8.7	8.2	8.4
17	21.4	20.0	20.8	16.5	15.6	16.0	10.3	9.7	10.1	8.5	7.9	8.3
18	21.1	20.1	20.5	17.2	16.1	16.6	10.2	9.5	9.8	9.4	8.4	8.9
19	21.0	19.6	20.4	17.6	16.8	17.2	9.6	8.9	9.2	9.9	9.3	9.5
20	20.8	19.7	20.3	---	---	---	9.1	8.1	8.7	9.3	8.5	8.8
21	21.0	19.9	20.4	---	---	---	8.5	7.8	8.1	8.6	7.6	8.2
22	21.2	20.3	20.6	17.2	16.2	16.6	8.3	7.6	7.9	8.5	7.5	8.1
23	20.4	19.8	20.1	17.0	16.0	16.5	8.9	7.8	8.2	8.4	7.7	8.1
24	19.9	19.3	19.5	17.5	15.8	16.6	9.6	8.3	8.9	8.4	7.5	7.9
25	19.3	18.5	19.0	17.6	16.2	16.6	9.6	8.6	8.9	8.3	7.2	7.7
26	20.3	19.1	19.6	16.8	15.7	16.2	8.9	8.1	8.5	7.2	6.6	6.8
27	20.8	19.8	20.3	16.9	15.8	16.3	8.6	7.6	8.1	6.6	6.2	6.3
28	21.0	20.3	20.6	17.2	16.0	16.5	8.4	7.5	8.0	6.3	5.6	6.0
29	20.8	19.8	20.1	16.1	14.4	15.1	8.3	7.8	8.1	6.6	5.6	6.1
30	20.1	19.2	19.7	14.5	13.6	14.0	9.2	8.2	8.6	6.6	6.1	6.4
31	19.9	18.8	19.4	---	---	---	9.2	8.2	8.7	6.6	6.2	6.5
MONTH	---	---	---	---	---	---	13.9	7.5	9.8	12.2	5.6	8.3

DAY	MAX	MIN	MEAN	Temperature, water, degrees Celsius											
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN			
				FEBRUARY			MARCH			APRIL			MAY		
1	6.6	5.7	6.1	10.3	8.8	9.5	17.6	16.5	17.1	24.0	22.9	23.5			
2	6.5	5.4	5.9	11.6	10.2	10.9	17.2	16.0	16.7	24.4	22.7	23.6			
3	7.5	6.5	7.0	12.9	11.4	12.1	17.2	15.2	16.4	23.9	23.0	23.6			
4	7.9	7.0	7.4	14.1	12.4	13.4	17.6	15.6	16.8	23.6	20.8	22.5			
5	8.6	7.4	7.9	15.1	14.0	14.5	17.4	15.2	16.5	23.5	21.0	22.3			
6	9.7	8.3	8.9	15.6	14.9	15.2	17.3	15.0	16.4	24.3	21.8	23.1			
7	10.5	9.6	10.0	16.4	15.3	15.9	17.9	15.7	16.9	25.2	22.6	24.1			
8	10.1	9.4	9.8	16.2	14.7	15.7	18.3	16.5	17.5	26.0	23.8	24.9			
9	9.8	9.0	9.5	15.6	14.0	15.1	19.2	17.1	18.0	26.4	24.8	25.5			
10	9.8	9.3	9.6	15.2	14.3	14.7	19.9	18.0	18.8	26.7	25.3	25.9			
11	9.8	9.4	9.7	14.9	13.9	14.3	20.9	19.0	19.9	27.0	25.7	26.3			
12	9.7	9.3	9.5	15.1	13.9	14.4	20.7	20.1	20.4	27.3	26.2	26.8			
13	9.8	9.1	9.4	14.7	13.8	14.3	20.8	20.0	20.4	27.6	26.6	27.1			
14	9.6	9.2	9.5	14.7	13.7	14.2	20.5	18.8	19.5	28.1	26.6	27.4			
15	9.7	9.1	9.5	15.6	14.2	14.9	19.0	17.3	18.4	28.1	26.8	27.5			
16	9.7	9.0	9.3	15.7	14.7	15.5	19.5	17.2	18.7	28.4	27.0	27.7			
17	9.3	8.3	8.7	16.1	15.0	15.7	20.5	18.4	19.6	28.6	27.4	28.0			
18	8.8	7.8	8.3	16.4	14.8	15.8	21.1	19.6	20.4	28.6	27.5	28.0			
19	9.1	7.9	8.6	17.2	15.6	16.5	21.9	20.4	21.1	28.6	27.4	28.0			
20	9.6	8.6	9.1	17.0	15.1	16.4	22.4	21.0	21.6	28.7	27.3	27.9			
21	10.5	9.2	9.8	17.5	16.2	16.9	22.7	21.3	22.0	28.8	27.4	28.0			
22	10.7	9.8	10.3	16.8	15.5	16.2	23.5	21.7	22.5	28.8	27.3	28.0			
23	10.8	9.9	10.4	16.2	14.9	15.6	24.3	22.6	23.4	28.6	27.3	27.8			
24	11.0	10.5	10.8	16.1	14.9	15.5	24.9	23.0	23.8	28.6	27.2	27.8			
25	11.0	10.5	10.7	16.9	15.2	15.9	25.3	23.2	24.2	28.7	27.2	27.7			
26	10.6	9.4	9.7	17.8	16.3	17.0	25.4	23.7	24.5	28.7	27.3	27.8			
27	9.4	8.6	8.9	18.4	17.0	17.7	24.7	23.6	24.1	28.6	27.5	28.0			
28	9.4	8.1	8.7	18.6	17.2	17.9	24.2	22.7	23.4	28.4	27.3	28.0			
29	9.5	8.4	9.0	18.2	17.1	17.5	23.7	22.2	23.2	28.7	27.6	28.2			
30	---	---	---	17.5	16.3	16.9	24.2	22.6	23.6	28.5	27.3	28.0			
31	---	---	---	17.7	16.2	17.0	---	---	---	28.7	27.3	28.0			
MONTH	11.0	5.4	9.0	18.6	8.8	15.3	25.4	15.0	20.2	28.8	20.8	26.5			

WACCAMAW RIVER BASIN

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02110777 AIW AT HIGHWAY 9 AT NIXONS CROSSROADS, SC--Continued

Temperature, water, degrees Celsius
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	28.9	26.6	27.9	29.7	28.2	28.9	31.3	29.7	30.5	27.4	26.6	26.8
2	29.2	26.8	28.1	29.2	27.9	28.7	31.2	29.9	30.5	26.9	26.0	26.5
3	29.1	26.9	28.2	29.4	27.7	28.6	30.9	29.8	30.3	26.8	25.8	26.3
4	28.9	26.5	28.0	30.0	28.6	29.2	31.2	29.8	30.4	27.1	26.2	26.6
5	28.8	26.6	27.7	30.6	29.2	29.7	31.3	30.3	30.7	26.9	26.3	26.6
6	28.6	26.7	27.7	31.1	29.7	30.3	30.8	29.6	30.0	26.6	25.7	26.2
7	28.9	27.0	27.9	31.3	30.2	30.7	29.6	28.5	28.9	26.1	25.6	25.8
8	28.9	27.9	28.3	30.9	30.4	30.7	29.0	28.1	28.6	27.0	25.9	26.4
9	29.1	28.1	28.6	30.7	30.2	30.4	28.9	28.0	28.5	27.4	26.4	26.8
10	29.5	28.2	28.9	---	---	---	29.1	27.8	28.5	27.3	26.8	27.0
11	30.1	28.8	29.5	---	---	---	29.1	28.4	28.7	27.1	26.0	26.6
12	30.4	29.4	29.8	---	---	---	28.8	27.8	28.6	26.5	25.5	26.0
13	29.5	28.1	28.8	---	---	---	27.8	26.3	26.8	26.3	25.7	26.0
14	29.0	28.0	28.4	---	---	---	26.5	25.7	26.1	25.9	24.9	25.3
15	29.4	28.2	28.7	31.6	30.5	31.0	25.9	24.9	25.2	25.6	24.6	25.0
16	29.7	28.7	29.1	31.6	30.0	30.9	25.6	24.3	24.9	25.9	25.0	25.4
17	29.6	28.7	29.0	30.9	29.1	30.4	25.7	24.3	25.1	26.2	25.4	25.7
18	29.9	28.4	29.2	30.1	28.7	29.6	26.8	25.0	26.0	25.5	24.4	24.9
19	30.6	29.0	29.6	30.2	28.7	29.4	27.6	26.3	26.9	---	---	---
20	29.8	28.8	29.5	30.7	29.0	29.7	28.0	26.6	27.4	23.8	22.8	23.2
21	29.6	28.6	29.0	30.9	29.4	30.1	28.3	27.1	27.7	23.1	22.2	22.6
22	29.9	28.6	29.1	31.0	29.7	30.2	28.5	27.2	27.7	23.2	22.4	22.7
23	30.1	28.9	29.3	30.5	29.8	30.1	28.0	26.8	27.4	23.1	22.4	22.7
24	29.7	29.0	29.3	30.4	29.9	30.1	27.8	26.8	27.3	23.3	22.4	22.8
25	29.8	29.0	29.4	30.2	29.4	29.8	27.8	26.8	27.3	23.8	22.6	23.2
26	29.5	28.8	29.1	30.5	29.3	29.9	27.4	27.0	27.2	23.4	22.9	23.2
27	29.0	28.5	28.7	31.0	29.9	30.4	27.4	26.8	27.2	23.9	22.9	23.4
28	29.1	28.5	28.7	30.9	30.1	30.5	27.9	26.9	27.3	24.2	23.6	23.8
29	29.3	28.0	28.7	30.6	29.5	30.2	27.6	26.6	27.0	24.6	23.6	24.1
30	29.4	28.4	28.9	31.0	29.2	30.2	27.1	25.8	26.4	24.6	24.1	24.4
31	---	---	---	31.3	29.4	30.3	27.4	26.4	26.9	---	---	---
MONTH	30.6	26.5	28.8	---	---	---	31.3	24.3	27.8	---	---	---

WACCAMAW RIVER BASIN

02110777 AIW AT HIGHWAY 9 AT NIXONS CROSSROADS, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	6.3	5.5	5.8	7.0	5.8	6.4	8.0	7.3	7.8	9.5	8.7	9.2
2	6.3	5.5	5.9	6.7	5.8	6.2	8.3	7.5	8.0	9.4	8.5	9.1
3	6.6	5.6	6.1	6.5	5.5	6.1	8.5	7.6	8.2	9.4	8.5	9.1
4	6.2	5.6	5.9	6.4	5.6	6.0	8.9	7.8	8.5	9.3	8.3	9.0
5	6.3	5.6	5.9	6.1	5.5	5.9	8.9	8.1	8.6	9.3	8.0	9.0
6	6.3	5.7	5.9	6.1	5.2	5.8	9.0	8.0	8.7	9.3	8.1	8.9
7	6.3	5.6	5.9	6.0	5.3	5.8	9.0	8.0	8.7	9.3	8.0	8.9
8	6.7	5.8	6.2	6.3	5.0	5.8	9.0	8.0	8.6	9.3	8.1	8.9
9	---	---	---	7.0	5.7	6.5	8.9	7.9	8.6	9.3	8.2	8.9
10	---	---	---	7.3	6.3	7.0	8.8	7.8	8.3	9.7	8.6	9.3
11	7.0	5.9	6.7	7.3	6.5	7.0	8.9	8.1	8.6	9.9	9.0	9.5
12	---	---	---	6.9	6.3	6.5	8.9	7.9	8.6	9.9	9.2	9.6
13	---	---	---	6.6	6.1	6.4	9.0	7.9	8.6	10.0	9.3	9.7
14	---	---	---	6.8	6.0	6.5	9.3	8.0	8.9	9.9	9.2	9.6
15	6.4	5.6	6.2	7.0	6.1	6.7	9.4	8.5	9.1	9.9	9.1	9.6
16	6.3	5.8	6.2	7.0	6.3	6.6	9.4	8.5	9.0	9.9	9.0	9.6
17	6.3	5.8	6.1	6.7	6.0	6.4	9.2	8.4	8.8	9.9	8.9	9.5
18	6.4	5.7	6.1	6.5	6.0	6.2	9.2	8.2	8.8	9.9	8.8	9.5
19	6.4	5.8	6.1	6.7	5.9	6.2	9.3	8.4	9.1	9.9	8.6	9.4
20	6.3	5.7	6.0	---	---	---	9.5	8.5	9.2	10.0	8.4	9.4
21	6.6	5.7	6.2	---	---	---	9.6	8.4	9.2	10.0	8.6	9.5
22	6.8	5.9	6.5	7.3	6.3	7.0	9.6	8.5	9.3	10.3	8.7	9.7
23	7.0	5.9	6.5	7.3	6.3	7.0	9.6	8.3	9.2	10.4	9.0	9.8
24	7.2	5.8	6.6	7.3	6.4	6.9	9.4	8.3	9.1	10.5	9.1	10.0
25	7.4	6.0	6.9	7.3	6.3	6.9	9.4	8.4	9.1	10.6	9.0	9.9
26	7.6	6.0	7.1	7.3	6.3	6.9	9.4	8.4	9.1	10.9	9.2	10.2
27	7.4	6.2	7.0	7.2	6.3	6.9	9.4	8.6	9.2	11.1	9.6	10.6
28	7.3	5.8	6.7	7.2	6.3	6.9	9.5	8.7	9.2	11.2	10.3	10.8
29	7.4	5.7	6.7	7.7	7.0	7.3	9.4	8.9	9.2	11.2	10.0	10.7
30	7.1	5.7	6.6	7.9	7.0	7.5	9.5	8.9	9.2	11.0	10.0	10.6
31	7.2	5.8	6.5	---	---	---	9.6	8.6	9.2	10.8	9.8	10.4
MONTH	---	---	---	---	---	---	9.6	7.3	8.8	11.2	8.0	9.6

Dissolved oxygen, water, unfiltered, milligrams per liter												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	10.9	9.8	10.4	9.1	8.6	8.8	7.4	6.9	7.2	7.1	6.5	6.9
2	11.1	9.9	10.7	9.0	8.2	8.7	7.4	7.0	7.2	7.3	6.2	6.9
3	11.3	10.0	10.8	9.1	8.3	8.7	7.5	7.1	7.3	7.3	6.3	7.0
4	11.1	10.0	10.7	9.0	8.3	8.7	7.6	7.0	7.4	7.5	6.3	7.0
5	11.0	9.7	10.5	8.8	8.1	8.5	7.7	7.1	7.5	7.5	6.4	7.0
6	10.8	9.6	10.4	8.6	8.0	8.4	7.8	7.2	7.5	7.6	6.6	7.1
7	10.6	9.5	10.2	8.4	7.7	8.1	7.9	7.3	7.6	7.6	6.6	7.0
8	10.5	9.3	10.0	8.3	7.6	7.9	7.8	7.3	7.6	7.3	6.3	6.9
9	10.3	9.3	9.9	8.1	7.4	7.9	7.7	7.2	7.4	7.1	6.1	6.7
10	10.2	9.4	9.9	8.1	7.5	7.8	7.6	7.1	7.3	7.1	5.8	6.6
11	10.1	9.6	9.9	8.1	7.4	7.7	7.3	7.0	7.2	6.9	5.7	6.5
12	10.1	9.3	9.8	8.1	7.2	7.5	7.2	6.8	7.0	6.7	5.4	6.3
13	10.1	9.6	9.7	7.9	7.3	7.6	7.4	6.5	7.0	6.3	5.1	6.0
14	9.9	9.3	9.6	8.2	7.5	7.7	7.5	6.6	7.3	6.2	5.0	5.9
15	9.8	9.2	9.4	8.2	7.3	7.7	7.6	7.0	7.4	6.2	4.8	5.9
16	9.7	9.3	9.5	8.0	7.2	7.5	7.6	7.0	7.4	6.2	5.1	5.9
17	9.9	9.3	9.7	7.7	7.1	7.5	7.7	7.2	7.5	6.2	5.0	5.8
18	10.1	9.7	9.8	7.9	7.0	7.5	7.8	7.1	7.5	6.2	4.8	5.8
19	10.0	9.5	9.7	7.8	7.1	7.5	7.7	7.0	7.5	6.3	4.6	5.8
20	9.8	9.3	9.5	8.2	7.3	7.7	7.6	7.1	7.5	6.4	5.2	6.0
21	9.7	9.3	9.5	8.2	7.4	7.9	7.4	7.0	7.3	6.3	4.7	5.9
22	9.6	9.1	9.3	8.2	7.5	7.9	7.2	6.8	7.1	6.4	4.6	5.9
23	9.3	9.0	9.2	8.4	7.7	7.9	7.2	6.6	7.0	6.5	5.0	6.0
24	9.1	8.7	8.9	8.7	7.6	8.1	7.2	6.5	6.9	6.8	5.0	6.2
25	9.1	8.8	8.9	---	---	---	7.0	6.4	6.7	6.9	5.7	6.4
26	9.6	8.9	9.4	7.5	7.1	7.3	7.0	6.2	6.6	6.6	5.7	6.1
27	9.7	9.3	9.5	7.3	7.0	7.2	7.1	6.0	6.6	6.4	5.6	6.0
28	9.6	9.0	9.2	7.3	6.9	7.1	7.0	6.0	6.6	6.5	5.6	6.1
29	9.2	8.8	9.0	7.4	7.0	7.2	7.2	6.2	6.7	6.4	5.3	6.0
30	---	---	---	7.3	6.8	7.0	7.2	6.3	6.9	6.2	5.2	5.8
31	---	---	---	7.3	6.9	7.0	---	---	---	6.4	5.1	5.8
MONTH	11.3	8.7	9.8	---	---	---	7.9	6.0	7.2	7.6	4.6	6.3

WACCAMAW RIVER BASIN

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02110777 AIW AT HIGHWAY 9 AT NIXONS CROSSROADS, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	6.4	5.0	6.0	6.2	4.1	5.0	5.9	3.7	5.1	4.4	3.9	4.1
2	6.6	5.2	6.0	6.0	3.8	4.8	6.0	3.7	5.1	4.5	3.9	4.1
3	6.6	5.3	6.0	5.9	3.9	4.8	6.0	3.7	5.0	4.1	3.5	3.8
4	6.3	5.1	6.0	5.9	3.7	4.8	6.6	4.0	5.3	3.6	3.0	3.3
5	6.5	5.3	6.1	5.6	3.9	4.7	6.8	4.2	5.5	3.6	3.1	3.4
6	6.4	5.4	6.1	5.6	3.9	4.7	6.7	4.4	5.7	3.8	3.3	3.5
7	6.6	5.6	6.0	5.3	3.8	4.5	6.6	4.4	5.6	3.9	3.3	3.6
8	6.7	5.5	6.1	6.1	4.0	5.0	7.2	4.2	5.9	3.7	3.1	3.5
9	6.9	5.2	6.2	6.3	4.4	5.4	7.0	4.0	6.0	3.6	3.1	3.4
10	6.8	4.6	6.3	---	---	---	7.1	2.7	5.7	3.3	2.9	3.1
11	7.0	5.2	6.5	---	---	---	6.7	3.6	5.5	3.7	3.0	3.4
12	7.2	5.1	6.3	---	---	---	6.8	4.0	5.4	4.1	3.1	3.5
13	6.7	5.1	6.2	---	---	---	6.7	5.3	6.1	4.0	3.4	3.7
14	7.7	5.0	6.7	---	---	---	6.3	5.4	5.9	4.0	3.4	3.8
15	8.0	5.7	7.2	7.0	4.6	5.9	6.1	5.6	5.9	3.8	3.1	3.4
16	7.6	5.8	6.7	7.2	4.3	5.7	5.9	4.0	5.5	3.1	2.5	2.7
17	6.8	5.3	6.1	6.9	4.5	5.7	5.4	3.9	4.8	3.8	2.6	3.1
18	7.0	5.3	6.1	7.0	4.4	5.8	4.7	4.0	4.3	3.9	3.3	3.6
19	6.5	5.2	6.0	6.9	4.7	5.9	4.3	3.8	4.1	---	---	---
20	6.3	4.3	5.6	7.5	4.7	6.2	4.3	3.4	4.0	4.2	3.2	3.9
21	6.8	4.4	5.6	7.1	5.1	6.1	4.6	3.8	4.2	4.1	3.2	3.7
22	6.7	4.6	5.7	6.6	5.1	5.9	4.7	4.1	4.4	3.2	2.6	3.0
23	6.6	4.3	5.8	6.4	5.1	5.7	4.7	3.9	4.5	2.7	2.3	2.5
24	6.3	4.2	5.5	6.8	4.6	5.9	4.8	3.8	4.5	2.8	2.2	2.4
25	6.0	3.8	5.2	6.6	4.5	5.8	4.7	4.1	4.4	3.6	2.4	2.9
26	6.4	4.2	5.4	6.7	4.7	5.7	4.5	4.1	4.3	3.9	3.2	3.4
27	6.3	4.0	5.1	6.8	4.3	5.6	4.5	3.9	4.1	4.0	3.3	3.7
28	6.2	3.9	5.2	6.8	4.4	5.5	4.6	4.0	4.3	4.5	3.1	3.7
29	6.3	4.0	5.3	6.9	4.3	5.3	5.3	4.3	4.8	3.7	2.8	3.4
30	6.0	3.9	4.8	6.2	4.2	5.2	5.5	4.9	5.2	3.1	2.4	2.7
31	---	---	---	5.9	4.1	5.0	5.1	4.3	4.6	---	---	---
MONTH	8.0	3.8	5.9	---	---	---	7.2	2.7	5.0	---	---	---

WACCAMAW RIVER BASIN

02110802 WACCAMAW RIVER AT BUCKSPORT, SC

WATER-QUALITY RECORDS

LOCATION.--Lat 33°38'56'', long 79°05'40'', Horry County, Hydrologic Unit 03040206, on left bank across from Bucksport Plantation Marina, 1.0 mi. southwest of Bucksport, 3.9 mi upstream from Bull Creek at mile 25.2.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1984 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1983 to September 1995 (discontinued).

pH: February 1986 to September 1989 (discontinued).

WATER TEMPERATURE: February 1986 to current year.

DISSOLVED OXYGEN: April 1986 to current year.

INSTRUMENTATION.--Water-quality multiprobe and data collection platform.

REMARKS.--Temperature records rated excellent. Dissolved oxygen records rated excellent except for Jan. 9-15, June 17-23, which are good.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 270 microsiemens, Jun. 2, 1985; minimum, 40 microsiemens, many days 1983, 1984, 1985.

pH: Maximum, 7.8 units, Sep. 1, 2, 11, 1986; minimum, 5.0 units, Aug. 16, 1987.

WATER TEMPERATURE: Maximum, 32.5°C, Aug. 5, 1987, Aug. 1, 2, 1999; minimum, 0.5°C, Dec. 26-28, 1989.

DISSOLVED OXYGEN: Maximum, 11.8 mg/L, Jan. 11, 12, 2002; minimum, 0.0 mg/L, Sep. 12-31, 1996.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 30.9°C, July 15; minimum, 4.7°C, Feb. 2.

DISSOLVED OXYGEN: Maximum, 10.8 mg/L, Feb. 2, 3; minimum, 0.2 mg/L, Sep. 24-26, 29, 30.

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	22.0	20.9	21.5	18.0	17.4	17.8	13.2	12.7	13.0	7.9	7.5	7.7
2	21.4	20.3	21.0	18.1	17.3	17.7	12.8	12.1	12.4	8.1	7.6	7.8
3	20.4	19.4	20.1	18.4	17.7	18.1	12.1	11.3	11.7	8.9	7.9	8.4
4	20.0	19.5	19.7	19.3	18.4	18.9	11.4	10.4	10.9	10.0	8.8	9.4
5	20.5	19.4	19.9	20.2	19.2	19.7	10.6	10.2	10.4	11.3	9.9	10.6
6	20.8	19.8	20.2	20.8	19.9	20.4	10.5	10.1	10.3	11.4	10.9	11.2
7	20.8	20.3	20.5	20.9	20.4	20.7	10.2	9.7	9.9	10.9	10.1	10.5
8	20.7	20.5	20.6	20.8	20.0	20.4	9.7	9.3	9.5	10.2	9.6	9.8
9	21.2	20.4	20.8	20.0	17.4	18.6	9.6	9.0	9.3	9.8	9.1	9.4
10	21.0	20.8	20.9	17.7	16.5	16.9	10.3	9.5	9.8	9.1	8.2	8.7
11	20.9	20.7	20.8	16.8	16.1	16.5	10.5	9.9	10.2	8.2	7.2	7.6
12	21.1	20.4	20.8	17.2	16.2	16.7	10.1	9.6	9.9	7.5	6.8	7.2
13	21.5	20.4	21.0	17.0	16.1	16.7	9.9	9.4	9.6	7.3	6.9	7.1
14	21.4	20.9	21.2	16.1	15.4	15.8	9.6	8.9	9.2	7.3	6.7	7.1
15	21.3	20.2	20.7	15.5	14.7	15.1	9.0	8.5	8.8	7.8	6.9	7.4
16	20.6	19.8	20.1	15.2	14.5	14.9	8.8	8.4	8.6	7.5	6.7	7.2
17	20.1	19.4	19.7	15.6	14.8	15.1	9.2	8.7	9.0	7.3	6.6	7.0
18	19.9	19.2	19.5	15.7	15.0	15.3	8.9	8.5	8.7	8.7	7.1	7.9
19	19.7	19.0	19.3	16.3	15.6	16.0	8.6	8.3	8.4	8.9	8.2	8.6
20	19.4	18.8	19.0	16.0	15.4	15.7	8.3	7.6	8.0	8.4	7.6	8.0
21	19.4	18.7	19.0	15.7	15.1	15.4	7.7	7.2	7.4	7.7	7.3	7.6
22	19.4	18.9	19.2	15.6	14.8	15.2	7.5	6.9	7.2	7.9	7.2	7.5
23	18.9	18.6	18.8	15.6	14.7	15.2	8.1	7.0	7.4	7.8	7.3	7.6
24	18.8	18.1	18.3	15.8	14.8	15.3	8.7	7.7	8.1	7.8	7.1	7.5
25	18.3	17.4	18.0	15.6	15.0	15.3	8.5	7.6	8.1	7.7	6.5	7.2
26	19.1	18.2	18.6	15.3	14.7	15.0	7.9	7.1	7.5	6.6	5.3	6.0
27	19.6	18.9	19.2	15.4	14.8	15.1	7.4	6.7	7.1	5.8	5.3	5.5
28	19.4	19.3	19.4	15.7	15.1	15.4	7.2	6.7	7.0	5.8	5.1	5.4
29	19.4	18.8	19.1	15.1	13.8	14.3	7.4	6.8	7.1	5.7	5.0	5.3
30	18.8	18.1	18.5	13.8	13.2	13.5	8.2	7.3	7.8	5.6	5.1	5.3
31	18.4	17.6	18.1	---	---	---	8.1	7.6	7.8	5.5	5.2	5.3
MONTH	22.0	17.4	19.8	20.9	13.2	16.6	13.2	6.7	9.0	11.4	5.0	7.7

WACCAMAW RIVER BASIN

02110802 WACCAMAW RIVER AT BUCKSPORT, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	5.8	4.1	4.8	5.5	4.5	4.9	6.6	6.0	6.1	9.2	9.0	9.1			
2	5.3	4.3	4.8	5.8	4.5	4.8	7.0	6.2	6.5	9.2	9.1	9.1			
3	5.4	4.4	4.8	5.5	4.4	4.7	7.6	6.5	6.9	9.1	9.0	9.0			
4	5.2	4.5	4.9	5.0	4.2	4.4	8.4	6.9	7.6	9.1	8.8	8.9			
5	4.9	4.1	4.4	4.4	3.9	4.2	8.3	7.5	7.8	9.3	8.6	8.8			
6	4.7	4.2	4.3	4.3	3.9	4.1	8.2	7.3	7.6	9.0	8.6	8.7			
7	4.7	4.2	4.3	4.2	3.8	4.1	8.8	7.5	8.0	9.0	8.6	8.7			
8	5.2	4.3	4.7	4.3	3.7	4.0	9.1	7.7	8.3	8.8	8.6	8.7			
9	4.9	4.7	4.8	4.9	4.0	4.5	9.3	7.9	8.4	9.0	8.6	8.7			
10	4.9	4.3	4.5	5.5	4.7	4.9	9.3	7.9	8.5	9.4	8.6	8.9			
11	4.6	4.1	4.3	5.0	4.6	4.8	8.6	7.7	8.0	9.6	8.8	9.1			
12	4.8	4.0	4.2	4.8	4.5	4.6	8.5	7.6	7.9	9.4	9.0	9.2			
13	4.9	3.8	4.1	5.3	4.7	5.0	8.6	7.7	8.0	9.8	9.2	9.3			
14	4.8	3.7	4.0	5.8	5.1	5.3	8.8	7.9	8.3	10.4	9.2	9.5			
15	4.3	3.8	4.1	6.0	5.3	5.5	8.0	7.9	7.9	9.8	9.2	9.4			
16	4.9	4.1	4.4	6.2	5.5	5.7	8.2	7.8	8.0	9.8	9.2	9.4			
17	5.0	4.4	4.6	5.8	5.6	5.7	8.4	7.9	8.1	9.9	9.2	9.5			
18	5.8	4.5	4.9	6.3	5.5	5.7	8.4	8.2	8.3	10.4	9.2	9.6			
19	6.3	4.9	5.3	6.4	5.5	5.7	8.7	8.3	8.5	9.9	9.2	9.4			
20	6.1	5.1	5.3	6.2	5.7	5.8	9.2	8.6	8.7	10.2	9.2	9.6			
21	5.9	5.1	5.4	6.4	5.7	5.8	9.4	8.7	8.9	10.0	9.3	9.6			
22	5.8	5.4	5.5	6.3	5.6	5.7	9.4	8.9	9.0	9.9	9.3	9.6			
23	6.3	5.4	5.8	6.6	5.5	5.8	9.5	8.5	9.0	9.7	9.2	9.5			
24	6.3	5.4	5.8	6.9	5.4	5.8	9.4	8.6	8.9	9.7	9.3	9.5			
25	6.4	5.6	5.9	6.9	5.4	5.8	9.0	8.6	8.8	10.3	9.3	9.7			
26	6.3	5.4	5.6	6.9	5.4	5.9	9.1	8.7	8.9	10.5	9.8	10.2			
27	6.3	5.1	5.5	6.6	5.3	5.7	9.3	8.9	9.0	10.3	9.8	10.1			
28	6.3	5.0	5.5	6.5	5.1	5.5	9.2	8.9	9.0	10.0	9.8	9.9			
29	6.2	5.2	5.7	6.1	5.4	5.7	9.0	8.9	9.0	10.0	9.8	9.9			
30	5.7	4.8	5.2	6.6	5.7	6.0	9.1	8.9	9.0	10.1	9.9	10.0			
31	5.7	4.5	5.0	---	---	---	9.1	9.0	9.0	10.1	10.0	10.1			
MONTH	6.4	3.7	4.9	6.9	3.7	5.2	9.5	6.0	8.3	10.5	8.6	9.4			

DAY	MAX	MIN	MEAN	FEBRUARY			MARCH			APRIL			MAY		
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	10.5	10.1	10.2	8.6	8.2	8.4	6.5	5.8	6.2	6.0	5.4	5.6			
2	10.8	10.2	10.3	8.6	8.1	8.3	6.5	5.9	6.3	6.3	5.4	5.7			
3	10.8	10.0	10.3	8.3	7.7	8.0	6.8	5.9	6.4	6.2	5.5	5.7			
4	10.1	10.0	10.0	7.8	7.4	7.6	7.0	5.7	6.5	6.1	5.3	5.6			
5	10.2	9.9	10.0	7.5	7.0	7.3	7.2	5.8	6.8	6.0	5.4	5.7			
6	10.1	9.7	9.9	7.4	6.5	7.0	7.6	6.3	7.0	5.9	5.2	5.4			
7	9.9	9.5	9.6	6.8	6.2	6.5	7.6	6.8	7.1	6.1	5.0	5.4			
8	9.5	9.2	9.4	7.1	6.0	6.7	7.2	6.5	6.9	6.1	4.9	5.3			
9	9.7	9.1	9.3	7.6	6.6	6.8	7.2	6.6	6.8	6.1	4.8	5.3			
10	9.3	8.7	9.0	7.6	6.7	7.0	6.9	6.3	6.6	5.7	4.6	5.2			
11	9.1	8.5	8.8	7.0	6.8	6.9	6.8	6.1	6.4	5.4	4.5	4.9			
12	9.6	8.6	8.9	7.0	6.8	6.9	6.7	6.0	6.3	5.2	4.4	4.7			
13	8.8	8.5	8.6	7.1	6.9	7.0	6.5	5.9	6.2	5.3	4.2	4.6			
14	8.9	8.5	8.6	7.9	7.0	7.2	6.2	6.0	6.1	5.5	4.2	4.6			
15	9.2	8.5	8.7	7.6	7.2	7.3	6.3	6.0	6.1	5.7	4.2	4.7			
16	8.8	8.5	8.7	7.8	6.9	7.2	6.6	6.0	6.2	5.5	4.3	4.8			
17	9.4	8.6	8.8	7.4	6.8	6.9	7.0	6.0	6.3	5.3	4.4	4.7			
18	9.1	8.8	8.9	7.0	6.6	6.8	7.2	6.0	6.3	5.1	4.3	4.6			
19	9.0	8.8	8.9	6.9	6.6	6.8	7.2	5.9	6.3	5.0	4.3	4.6			
20	8.9	8.6	8.8	7.1	6.3	6.7	7.4	5.9	6.3	4.9	4.3	4.5			
21	8.8	8.2	8.6	7.3	6.4	6.6	7.1	5.9	6.4	4.7	4.4	4.5			
22	8.4	8.1	8.2	6.8	6.4	6.7	6.8	5.8	6.3	4.7	4.4	4.6			
23	8.2	7.9	8.0	6.9	6.7	6.8	6.7	5.8	6.2	4.9	4.5	4.7			
24	8.0	7.4	7.7	7.2	6.6	6.9	6.3	5.7	6.0	5.0	4.7	4.8			
25	7.7	7.3	7.5	7.2	6.8	6.8	6.1	5.7	5.9	5.2	4.7	4.9			
26	8.1	7.5	7.9	7.1	6.7	6.8	6.0	5.5	5.8	5.2	4.7	4.9			
27	8.2	8.0	8.1	7.3	6.6	6.7	6.0	5.6	5.8	5.1	4.8	4.9			
28	8.3	8.0	8.1	7.4	6.6	6.7	5.9	5.5	5.7	5.2	4.8	5.0			
29	8.4	8.0	8.2	8.0	6.3	7.2	5.7	5.3	5.6	5.1	4.8	5.0			
30	---	---	---	7.4	6.3	6.9	5.7	5.4	5.5	5.0	4.8	4.9			
31	---	---	---	6.9	6.1	6.5	---	---	---	5.1	4.7	4.9			
MONTH	10.8	7.3	8.9	8.6	6.0	7.0	7.6	5.3	6.3	6.3	4.2	5.0			

WACCAMAW RIVER BASIN

02110809 WACCAMAW RIVER AT WACHESAW LANDING NEAR MURRELLS INLET, SC

WATER-QUALITY RECORDS

LOCATION.--Lat 33°33'43"', long 79°05'10"', Georgetown County, Hydrologic Unit 03040206, near left bank at Wachesaw landing, 0.2 midstream of Collins Creek, 3.0 mi west of Murrells Inlet, and at mile 18.0.

PERIOD OF RECORD.--March 1986 to September 1989, July 2002 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: March 1986 to September 1989, July 2002 to current year.

pH: March 1986 to September 1989 (discontinued).

WATER TEMPERATURE: March 1986 to September 1989 (discontinued).

DISSOLVED OXYGEN: March 1986 to September 1989 (discontinued).

INSTRUMENTATION.--Water-quality multiprobe and data collection platform. Prior to September 30, 1989, USGS mini-monitor at same location.

REMARKS.--Specific conductance records rated excellent except for Dec. 28 to Mar. 3, Jul. 9 to Aug. 11, which are good, and Aug. 12-23, which are fair..

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 7,640 microsiemens, Aug. 9, 2002; minimum, 40 microsiemens, several days in March 1987.

pH: Maximum, 7.6 units, Aug. 24, Oct. 13, 14, 1987; minimum, 5.1 units, several days in July 1986.

WATER TEMPERATURE: Maximum, 31.5°C, July 20, 21, 1986; minimum, 3.5°C, Jan. 16, 17, 1988.

DISSOLVED OXYGEN: Maximum, 12.1 mg/L, Jan. 20, 1988; minimum, 2.6 mg/L, Sep. 17, 18, 1987.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 185 microsiemens, June 21; minimum, 69 microsiemens, Sep. 19, 20.

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	93	89	91	106	101	103	108	105	107	96	91	92
2	93	91	92	104	100	102	109	106	107	95	90	91
3	98	91	94	104	98	101	111	107	109	94	88	91
4	100	96	97	102	96	99	110	107	109	93	87	89
5	103	97	99	99	95	97	112	109	110	92	87	89
6	104	98	100	99	94	96	112	108	110	90	86	88
7	103	99	100	98	94	97	113	110	112	91	87	88
8	103	99	101	103	97	100	112	110	111	91	87	88
9	103	95	98	106	102	104	113	110	111	97	88	92
10	102	84	93	106	101	104	113	109	110	103	97	99
11	102	84	92	105	99	102	112	108	109	101	94	97
12	109	99	103	101	94	97	109	106	107	97	93	95
13	112	104	107	98	91	96	109	106	107	100	93	96
14	110	102	105	102	97	99	109	104	107	99	94	95
15	105	95	100	112	101	107	111	100	105	98	93	95
16	103	96	99	115	106	111	108	102	104	100	93	96
17	110	99	103	107	102	104	106	103	104	102	98	99
18	113	105	109	110	105	107	103	98	100	101	97	99
19	107	102	104	112	108	110	107	101	104	104	97	100
20	106	101	103	111	103	107	106	102	104	105	100	102
21	111	105	107	112	105	108	105	101	102	104	100	102
22	111	103	107	127	111	117	105	101	102	105	100	101
23	110	104	106	125	114	119	104	99	101	109	100	102
24	110	105	108	116	106	109	101	98	99	115	105	109
25	119	107	113	107	102	104	101	95	97	119	107	110
26	120	108	114	107	102	104	98	93	95	110	103	106
27	112	107	109	108	104	106	98	95	96	121	101	108
28	112	107	109	109	104	107	102	95	97	107	93	99
29	115	103	107	108	99	103	101	93	96	101	94	97
30	112	100	105	107	102	105	101	92	96	105	98	100
31	107	101	104	---	---	---	94	89	91	100	96	98
MONTH	120	84	103	127	91	104	113	89	104	121	86	97

02110809 WACCAMAW RIVER AT WACHESAW LANDING NEAR MURRELLS INLET, SC--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	102	96	97	---	---	---	112	105	107	124	113	118
2	105	95	97	---	---	---	116	105	112	126	110	119
3	104	98	100	---	---	---	132	111	119	126	108	113
4	107	98	100	---	---	---	121	113	116	118	108	111
5	105	98	100	---	---	---	121	113	117	116	107	111
6	103	99	101	96	85	88	119	113	115	112	106	109
7	106	100	103	96	84	89	120	112	116	110	102	106
8	112	101	105	98	87	91	119	112	114	109	102	105
9	109	102	105	96	87	92	126	112	117	106	101	103
10	109	101	104	103	87	95	126	116	120	108	101	104
11	117	108	111	104	87	94	124	115	120	109	106	108
12	115	104	111	93	81	87	129	118	124	110	106	108
13	122	101	107	92	81	87	131	119	126	112	107	108
14	108	99	102	99	87	90	130	118	124	111	103	106
15	111	94	100	94	83	88	128	116	121	113	104	108
16	102	88	91	94	89	91	126	117	121	113	110	112
17	91	86	88	99	88	90	122	113	115	114	110	111
18	95	81	86	102	88	93	125	113	117	114	110	111
19	87	80	83	93	89	91	122	111	116	113	109	111
20	91	81	85	98	90	94	116	110	112	114	108	110
21	91	79	83	102	95	98	114	109	111	112	108	110
22	88	81	84	100	93	96	115	110	112	123	110	114
23	90	83	85	102	96	98	120	112	114	123	113	118
24	89	83	85	101	93	96	126	114	118	129	119	122
25	88	82	85	100	92	96	129	119	122	131	117	120
26	88	83	85	109	97	101	128	115	121	122	116	119
27	93	75	82	107	100	103	121	113	117	121	117	119
28	87	75	82	119	104	110	121	114	117	121	117	118
29	87	75	80	119	110	114	120	110	116	123	118	120
30	---	---	---	121	112	114	117	110	113	125	120	122
31	---	---	---	133	110	116	---	---	---	130	124	126
MONTH	122	75	94	---	---	---	132	105	117	131	101	113

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	133	128	131	137	132	135	137	132	134	107	88	98
2	134	130	133	147	134	140	142	133	137	108	92	98
3	136	130	134	146	138	142	143	128	138	105	87	97
4	137	132	134	144	129	137	139	122	128	99	82	87
5	138	131	134	139	127	132	129	121	124	91	80	83
6	138	132	135	135	128	131	127	121	124	91	81	83
7	139	133	137	135	131	133	129	124	126	89	80	83
8	148	137	141	136	128	131	132	126	129	88	80	84
9	156	141	149	132	123	128	132	122	127	87	79	82
10	164	147	157	131	122	126	129	124	127	93	80	83
11	166	160	163	129	123	125	131	126	128	90	77	83
12	163	159	161	127	120	123	133	128	130	88	76	78
13	171	161	164	123	118	121	130	116	122	86	75	78
14	173	166	171	123	118	120	131	112	123	84	75	77
15	173	167	171	125	120	122	132	105	121	83	74	76
16	175	163	168	124	117	121	119	96	106	79	72	74
17	171	163	166	125	119	122	108	93	101	79	70	73
18	168	163	165	127	121	123	101	93	97	74	70	71
19	168	164	166	133	124	126	104	96	101	72	69	70
20	175	166	169	130	121	125	107	101	105	72	69	70
21	185	167	177	126	118	123	110	105	108	73	70	71
22	183	166	176	124	116	120	112	106	109	74	71	72
23	175	159	165	122	115	119	116	107	111	77	73	74
24	167	156	160	121	116	118	119	104	112	80	75	77
25	162	156	158	122	116	120	114	98	108	84	77	79
26	171	155	161	128	120	122	112	94	102	84	79	81
27	174	165	170	135	126	130	104	93	99	88	81	84
28	165	146	157	141	128	137	103	91	98	92	81	86
29	147	133	138	139	132	136	122	96	103	97	82	87
30	139	130	135	140	133	135	117	91	100	94	85	89
31	---	---	---	139	132	135	111	91	99	---	---	---
MONTH	185	128	155	147	115	128	143	91	115	108	69	81

WACCAMAW RIVER BASIN

021108125 WACCAMAW RIVER NEAR PAWLEYS ISLAND, SC

LOCATION.--Lat 33°30'23'', long 79°07'38'', Horry County, Hydrologic Unit 03040206, on left bank of Waccamaw River at Pawleys Island, 0.5 mi upstream of the mouth of Thoroughfare Creek.

DRAINAGE AREA.--Indeterminate.

GAGE-HEIGHT RECORDS

PERIOD OF RECORD.--November 2001 to current year.

GAGE.--Data collection platform. Datum of gage is 15.0 ft above NGVD of 1929 (from topographic map).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 8.70 ft, Apr. 21, 2003; minimum gage height, 1.16 ft, Jan. 10, 2002, Jan. 13, Feb. 1, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 8.19 ft, Sep. 21; minimum gage height, 1.16 ft, Jan. 13, Feb. 1.

Gage height, feet												
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	7.29	3.83	5.79	6.96	3.69	5.55	5.69	2.04	4.03	---	---	---
2	7.14	3.79	5.71	6.96	3.54	5.64	5.85	2.03	4.09	---	---	---
3	7.20	3.97	5.81	7.06	4.11	5.84	5.94	2.29	4.45	---	---	---
4	6.86	3.74	5.55	6.83	3.82	5.60	6.44	2.73	5.05	---	---	---
5	6.64	2.95	5.00	6.68	3.51	5.32	6.50	3.12	4.87	---	---	---
6	6.56	2.83	4.87	6.66	3.26	5.14	6.24	2.71	4.60	---	---	---
7	6.60	2.89	4.95	6.58	3.09	5.04	6.59	2.73	4.90	---	---	---
8	6.70	3.20	5.17	6.96	3.49	5.54	6.72	3.02	5.10	---	---	---
9	6.72	3.31	5.24	6.94	3.95	5.59	6.83	3.28	5.21	---	---	---
10	6.77	3.43	5.30	6.93	3.67	5.44	7.00	3.29	5.43	---	---	---
11	6.88	3.35	5.38	6.79	3.40	5.16	6.14	2.75	4.45	---	---	---
12	6.89	3.63	5.45	6.43	2.89	4.69	6.50	2.54	4.64	---	---	---
13	6.81	3.53	5.36	5.71	2.19	3.97	6.73	3.14	5.21	5.95	1.16	3.97
14	6.96	3.66	5.52	6.17	2.35	4.20	6.90	3.63	5.51	6.17	2.39	4.46
15	6.41	2.87	4.72	6.17	2.53	4.41	6.25	2.67	4.48	6.16	2.22	4.21
16	6.61	3.08	4.92	5.60	2.58	4.23	6.37	2.96	4.77	6.27	2.49	4.70
17	6.37	3.00	4.85	5.83	2.41	4.17	6.47	2.11	4.62	6.42	2.49	4.72
18	6.41	3.01	4.81	6.26	2.73	4.58	6.18	2.12	4.49	6.69	2.61	4.72
19	6.58	3.39	5.13	6.42	2.80	4.94	6.13	2.22	4.21	6.35	1.71	4.38
20	6.36	2.89	4.83	6.54	2.20	4.65	6.33	2.16	4.43	6.71	2.30	4.80
21	6.42	2.86	4.83	6.83	2.92	5.24	6.64	2.16	4.70	6.74	2.34	4.78
22	6.47	2.41	4.52	6.90	3.03	5.20	6.71	2.50	4.78	6.60	2.28	4.53
23	6.83	2.76	5.21	6.97	2.85	5.14	6.81	2.32	4.83	6.18	1.75	4.11
24	6.98	3.18	5.43	7.11	2.78	5.20	6.89	2.64	4.88	6.16	2.10	4.11
25	7.12	3.41	5.45	7.04	2.56	5.11	6.62	2.30	4.56	6.73	2.67	4.90
26	6.92	2.83	5.03	7.26	3.29	5.48	6.56	2.34	4.55	6.68	3.23	5.13
27	7.00	2.76	5.03	7.17	3.35	5.46	6.59	2.48	4.63	6.40	2.82	4.82
28	7.09	2.71	5.18	7.00	2.85	5.11	6.45	2.69	4.68	5.61	2.05	3.87
29	7.00	3.32	5.37	5.66	1.43	3.47	6.17	2.74	4.55	5.59	2.19	3.96
30	7.08	3.46	5.49	6.11	2.35	4.28	6.12	2.04	4.26	5.65	2.11	3.89
31	7.07	3.52	5.53	---	---	---	5.89	2.48	4.33	5.71	2.21	4.30
MONTH	7.29	2.41	5.21	7.26	1.43	4.98	7.00	2.03	4.69	---	---	---

WACCAMAW RIVER BASIN

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021108125 WACCAMAW RIVER NEAR PAWLEYS ISLAND, SC--Continued

Gage height, feet
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	6.25	1.16	4.66	6.08	2.76	4.39	6.10	2.71	4.40	6.11	2.41	4.47
2	6.47	3.12	4.97	5.95	2.63	4.14	6.00	2.23	4.30	6.36	2.27	4.37
3	6.59	2.79	4.64	5.76	2.17	4.01	6.35	2.20	4.48	6.13	1.86	4.18
4	5.91	1.89	4.03	6.13	2.34	4.33	6.37	2.29	4.51	6.71	1.87	4.27
5	6.41	2.12	4.57	6.25	2.42	4.47	6.53	2.35	4.55	6.70	2.35	4.62
6	6.53	2.70	4.78	6.35	2.48	4.44	6.65	2.57	4.70	6.71	2.14	4.52
7	5.94	2.02	3.99	6.37	2.22	4.43	6.62	2.06	4.42	6.73	2.42	4.65
8	5.91	1.31	3.62	6.49	2.19	4.30	6.44	2.27	4.43	6.76	2.58	4.78
9	6.25	2.11	4.31	6.85	2.98	5.13	6.60	2.69	4.70	6.74	2.96	4.95
10	6.09	2.14	4.13	6.89	3.17	5.25	6.75	2.85	4.91	6.71	3.00	4.99
11	5.84	2.06	4.02	6.76	3.33	5.18	6.55	2.50	4.57	6.59	2.94	4.90
12	6.27	2.83	4.75	6.69	2.98	4.88	6.36	2.71	4.77	6.42	2.67	4.79
13	6.43	2.68	4.63	6.56	3.26	4.95	6.33	2.11	4.53	6.20	2.51	4.55
14	6.38	2.87	4.68	6.72	2.83	4.99	5.24	1.49	3.48	6.14	2.34	4.44
15	6.77	3.18	5.34	6.43	2.73	4.69	5.95	1.52	3.99	6.21	2.27	4.41
16	6.73	3.20	5.16	6.53	2.70	4.85	6.29	2.25	4.49	6.20	2.19	4.33
17	7.00	3.23	5.39	6.54	2.71	4.98	6.12	2.31	4.36	6.12	2.02	4.18
18	6.81	3.12	5.10	6.71	3.01	5.12	5.96	1.99	4.05	6.12	2.01	4.09
19	6.82	2.98	5.11	6.58	2.79	4.90	5.86	1.83	3.85	6.02	2.04	4.04
20	6.79	3.08	5.07	6.98	3.35	5.40	5.89	1.60	3.66	5.76	1.78	3.77
21	6.50	2.89	4.73	6.48	2.62	4.89	6.07	2.01	3.95	5.85	1.89	3.70
22	6.72	2.93	5.01	6.45	2.67	4.76	6.07	1.97	3.94	5.86	2.13	3.90
23	6.68	3.22	5.09	6.43	2.83	4.80	5.86	1.99	3.74	5.88	2.18	3.98
24	6.76	3.67	5.36	6.44	2.30	4.39	5.62	1.90	3.66	5.92	2.05	3.94
25	6.75	4.09	5.59	6.13	2.05	4.03	5.67	2.25	4.07	5.67	2.10	3.79
26	7.06	4.83	6.00	5.79	1.96	3.79	5.91	2.32	4.15	5.52	2.06	3.83
27	6.66	3.51	5.29	5.64	2.34	3.93	5.66	2.42	4.08	5.53	2.07	3.96
28	6.64	3.68	5.33	5.66	2.39	4.31	5.92	2.82	4.35	5.77	2.28	4.19
29	6.35	3.08	4.76	6.43	3.65	5.14	5.96	2.47	4.33	6.11	2.12	4.30
30	---	---	---	6.66	3.38	5.24	5.88	2.12	4.23	6.55	2.65	4.81
31	---	---	---	6.59	3.06	5.15	---	---	---	6.29	2.10	4.49
MONTH	7.06	1.16	4.83	6.98	1.96	4.69	6.75	1.49	4.25	6.76	1.78	4.33

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	6.49	1.83	4.18	6.69	2.06	4.49	6.96	2.84	5.08	6.55	2.82	4.83
2	6.64	1.99	4.37	6.70	2.23	4.51	6.98	3.02	5.19	6.79	3.14	5.24
3	6.67	1.91	4.40	6.78	2.45	4.66	---	---	---	6.84	3.64	5.40
4	6.61	2.04	4.40	6.77	2.54	4.73	6.80	3.16	5.08	6.72	3.35	5.27
5	6.61	2.12	4.40	6.75	2.53	4.73	6.61	3.11	5.01	6.76	3.79	5.52
6	6.71	2.65	4.75	6.59	2.70	4.74	6.42	2.78	4.90	6.80	4.22	5.72
7	6.70	2.76	4.78	6.56	2.92	4.94	6.68	3.36	5.27	6.90	4.15	5.75
8	6.58	2.83	4.82	---	---	---	6.36	3.11	4.96	6.61	4.18	5.58
9	6.40	2.71	4.68	---	---	---	6.17	2.72	4.62	6.21	3.20	4.74
10	6.22	2.67	4.71	---	---	---	6.06	2.55	4.46	6.37	2.83	4.60
11	6.20	2.40	4.54	---	---	---	5.99	2.39	4.29	6.75	3.31	5.18
12	6.50	2.40	4.66	---	---	---	5.92	2.38	4.13	7.07	3.74	5.53
13	6.71	3.38	5.26	---	---	---	5.91	1.93	4.04	7.19	4.00	5.73
14	6.48	2.83	4.85	---	---	---	6.28	2.51	4.57	7.12	4.35	5.95
15	6.23	2.50	4.58	6.39	2.54	4.47	6.43	2.95	4.75	7.04	4.03	5.74
16	6.06	2.13	4.16	6.49	2.74	4.65	6.53	2.79	4.69	7.13	4.14	5.80
17	6.02	2.09	4.03	6.54	3.00	4.77	6.65	2.92	4.82	7.48	4.53	6.09
18	6.06	2.00	3.98	---	---	---	6.55	3.20	5.01	6.83	3.96	5.43
19	6.46	2.46	4.34	---	---	---	6.55	2.95	4.81	7.27	4.15	5.86
20	6.75	3.08	4.91	6.29	2.56	4.44	6.32	2.66	4.61	8.08	5.30	6.74
21	6.79	3.37	5.17	6.29	2.53	4.46	6.18	2.39	4.34	8.19	5.60	6.90
22	6.68	2.65	4.67	6.17	2.57	4.50	6.27	2.14	4.36	7.71	5.38	6.60
23	5.91	2.19	3.99	6.18	2.75	4.61	6.65	2.69	4.94	7.53	4.83	6.24
24	5.49	1.99	3.87	6.11	2.46	4.44	6.74	2.87	5.14	7.81	4.89	6.39
25	5.93	2.28	4.25	6.17	2.32	4.42	6.70	2.81	5.06	7.83	5.05	6.53
26	5.78	2.24	4.09	6.35	2.27	4.52	6.72	2.69	4.95	7.89	5.08	6.59
27	6.35	2.39	4.60	6.48	2.25	4.57	6.85	2.58	4.92	7.85	5.18	6.64
28	6.19	2.12	4.37	6.43	2.00	4.35	7.03	2.79	5.13	7.27	4.09	6.02
29	6.42	1.94	4.23	6.42	1.87	4.22	7.46	4.08	6.04	6.91	3.72	5.46
30	6.60	2.16	4.50	6.69	2.07	4.46	6.52	2.58	4.85	7.06	3.67	5.59
31	---	---	---	6.96	2.57	4.86	6.51	2.56	4.65	---	---	---
MONTH	6.79	1.83	4.48	---	---	---	---	---	---	8.19	2.82	5.79

WACCAMAW RIVER BASIN

021108125 WACCAMAW RIVER NEAR PAWLEYS ISLAND, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--November 2001 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: November 2001 to current year.

INSTRUMENTATION.--Water-quality multiprobe and data collection platform.

REMARKS.--Specific conductance records excellent.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 18,800 microsiemens, Aug. 9, 2002; minimum, 66 microsiemens, Apr. 19, 20, 25, 2003.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 179 microsiemens, June 23; minimum, 75 microsiemens, Sep. 19-21.

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	103	94	96	107	104	106	108	102	105	---	---	---
2	101	95	97	107	103	104	108	103	105	---	---	---
3	101	97	98	105	101	102	109	104	106	---	---	---
4	101	98	99	103	99	101	109	105	107	---	---	---
5	104	99	100	103	97	100	111	106	108	---	---	---
6	105	101	102	104	96	99	113	107	109	---	---	---
7	105	103	103	101	95	98	112	108	110	---	---	---
8	108	101	104	101	96	98	113	109	111	---	---	---
9	105	102	103	105	98	101	113	109	110	---	---	---
10	107	100	103	105	103	104	113	107	110	---	---	---
11	104	90	95	105	102	104	110	102	106	---	---	---
12	105	92	100	106	96	101	110	101	103	---	---	---
13	111	103	108	103	91	98	107	101	102	107	100	103
14	111	108	110	100	93	97	105	100	103	110	102	104
15	110	103	106	108	99	103	110	104	106	111	102	104
16	107	101	103	116	107	112	108	104	105	111	102	103
17	106	102	104	115	100	107	116	105	107	115	102	106
18	112	105	109	106	99	103	110	102	104	117	106	111
19	112	108	110	112	104	106	110	102	105	113	106	108
20	110	104	106	111	104	107	112	107	109	115	107	109
21	108	104	106	109	102	105	112	104	107	113	109	110
22	114	108	110	113	104	108	113	103	108	112	109	111
23	112	109	110	122	112	118	113	103	107	114	108	110
24	112	108	109	120	105	112	110	100	105	117	109	114
25	111	108	110	112	98	104	111	99	105	129	116	120
26	118	109	115	106	98	101	109	96	102	121	108	117
27	118	111	114	106	99	102	107	96	101	116	112	113
28	116	108	112	106	100	103	108	99	101	118	103	112
29	110	102	108	108	97	102	105	99	101	113	102	105
30	109	105	106	105	97	101	109	99	102	113	104	107
31	108	105	106	---	---	---	106	94	97	112	105	108
MONTH	118	90	105	122	91	104	116	94	105	---	---	---

WACCAMAW RIVER BASIN

021108125 WACCAMAW RIVER NEAR PAWLEYS ISLAND, SC--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	115	103	107	99	85	89	---	---	---	115	109	112
2	109	103	105	89	82	84	---	---	---	120	105	112
3	107	103	105	87	81	83	---	---	---	115	106	110
4	116	107	108	---	---	---	---	---	---	115	106	111
5	112	106	107	---	---	---	---	---	---	116	109	111
6	113	106	107	---	---	---	---	---	---	111	107	109
7	112	108	110	---	---	---	---	---	---	113	105	109
8	115	111	112	---	---	---	---	---	---	112	104	108
9	125	111	115	---	---	---	---	---	---	116	101	110
10	125	111	118	---	---	---	---	---	---	114	103	109
11	131	110	120	---	---	---	---	---	---	116	104	112
12	132	113	123	---	---	---	---	---	---	119	107	113
13	127	109	116	---	---	---	---	---	---	119	106	111
14	113	107	110	---	---	---	---	---	---	119	106	111
15	110	104	106	---	---	---	---	---	---	116	102	108
16	110	97	104	---	---	---	---	---	---	115	107	112
17	107	92	97	---	---	---	---	---	---	121	110	115
18	106	89	97	---	---	---	---	---	---	118	109	113
19	102	88	91	---	---	---	---	---	---	122	110	116
20	99	91	95	---	---	---	---	---	---	126	111	117
21	99	89	94	---	---	---	---	---	---	129	110	115
22	100	89	95	---	---	---	---	---	---	122	111	113
23	104	90	98	---	---	---	---	---	---	---	---	---
24	105	90	94	---	---	---	---	---	---	---	---	---
25	102	90	95	---	---	---	---	---	---	---	---	---
26	98	90	94	---	---	---	127	118	122	---	---	---
27	101	88	91	---	---	---	122	113	117	---	---	---
28	99	87	91	---	---	---	119	111	114	---	---	---
29	99	87	92	---	---	---	120	112	115	---	---	---
30	---	---	---	---	---	---	119	111	113	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	132	87	103	---	---	---	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	---	---	---	141	131	137	159	151	154	111	104	108
2	---	---	---	143	133	137	158	152	155	109	99	104
3	140	130	134	146	129	140	160	152	155	109	100	107
4	140	131	134	148	136	142	163	148	156	104	93	99
5	148	133	136	145	130	136	155	142	150	97	89	93
6	146	134	138	136	129	133	151	139	144	94	89	91
7	149	136	139	135	129	131	146	139	142	94	88	91
8	141	136	138	---	---	---	148	141	145	93	89	91
9	142	137	139	---	---	---	153	145	149	95	89	93
10	145	139	142	---	---	---	152	143	148	95	88	92
11	157	142	149	---	---	---	152	144	148	94	90	92
12	162	150	157	---	---	---	151	129	149	94	84	88
13	163	157	160	---	---	---	151	129	144	89	84	86
14	167	157	162	---	---	---	154	129	144	89	82	86
15	172	162	168	---	---	---	151	122	133	87	80	83
16	173	165	169	---	---	---	129	104	117	84	78	81
17	173	165	169	---	---	---	114	103	109	84	77	81
18	172	163	167	133	121	127	112	101	106	83	77	79
19	173	163	166	135	131	133	111	104	108	82	75	78
20	172	161	165	138	132	135	113	106	109	80	75	77
21	176	163	168	137	133	135	115	109	112	81	75	78
22	176	165	170	137	132	135	116	112	114	81	77	79
23	179	164	173	134	130	133	119	114	116	83	78	80
24	174	160	167	134	129	131	123	118	121	85	79	82
25	168	158	164	134	129	131	123	117	120	88	82	85
26	163	154	158	136	130	132	121	112	117	90	84	87
27	165	156	160	139	131	135	118	108	112	93	87	90
28	171	159	164	147	135	140	114	107	110	96	89	92
29	164	135	150	150	138	144	110	107	108	98	91	94
30	151	132	140	153	145	148	112	107	110	101	94	97
31	---	---	---	155	149	152	112	107	111	---	---	---
MONTH	---	---	---	---	---	---	163	101	130	111	75	89

WACCAMAW RIVER BASIN

02110815 WACCAMAW RIVER AT HAGLEY LANDING NEAR PAWLEYS ISLAND, SC

LOCATION.--Lat 33°26'10'', long 79°10'51'', Georgetown County, Hydrologic Unit 03040206, on left bank at Hagley Landing, 0.2 mi upstream of Jericho Creek, 3.2 mi west of Pawleys Island and at mile 6.9.

DRAINAGE AREA.--Indeterminate.

GAGE-HEIGHT RECORDS

PERIOD OF RECORD.--October 1989 to current year.

GAGE.--Data collection platform. Datum of gage is 14.14 ft below NGVD of 1929.

REMARKS.--Gage height tidally affected. Discharge records for the 1990-2000 water years were computed by utilization of the One-Dimensional unsteady flow simulation model (BRANCH). Three auxiliary stations (02110705, 02110802, and 02135190) were used in conjunction with this station for computation of discharge. Negative daily mean discharges were computed on many days, which were caused by two complete incoming and only one outgoing tide cycles during the day.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 19.48 ft, Dec. 31, 1994; minimum gage height, 11.26 ft, Jul. 11, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 19.08 ft, Sep. 21; minimum gage height, 11.95 ft, Nov. 29.

Gage height, feet WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	18.13	14.18	16.30	17.73	14.09	16.04	16.26	12.53	14.55	---	---	---
2	17.99	14.16	16.20	17.72	14.20	16.16	16.45	12.55	14.66	---	---	---
3	18.03	14.39	16.33	17.83	14.47	16.37	16.59	12.80	15.05	---	---	---
4	17.61	14.00	16.05	17.55	14.18	16.09	17.13	13.29	15.67	---	---	---
5	17.36	13.41	15.52	17.37	13.92	15.84	17.18	13.56	15.39	---	---	---
6	17.29	13.35	15.44	17.38	13.71	15.67	16.87	13.16	15.12	---	---	---
7	17.39	13.44	15.56	17.28	13.51	15.58	17.29	13.21	15.44	---	---	---
8	17.43	13.74	15.75	17.77	13.95	16.12	17.44	13.50	15.63	---	---	---
9	17.47	13.73	15.79	17.74	14.37	16.14	17.57	13.75	15.73	---	---	---
10	17.54	13.86	15.84	17.74	14.11	15.96	17.79	13.76	15.95	---	---	---
11	17.67	13.89	15.94	17.54	13.85	15.66	16.70	13.17	14.89	---	---	---
12	17.65	14.06	16.00	17.10	13.37	15.21	17.18	13.02	15.17	---	---	---
13	17.57	14.02	15.91	16.29	12.70	14.49	17.48	13.66	15.80	---	---	---
14	17.75	14.16	16.08	16.84	12.95	14.79	17.65	13.96	15.97	---	---	---
15	17.05	13.31	15.26	16.81	13.05	14.96	16.84	13.11	14.97	17.21	13.10	15.14
16	17.36	13.78	15.52	16.72	13.13	14.87	17.00	13.41	15.27	17.36	13.37	15.64
17	17.03	13.54	15.42	16.41	12.93	14.73	17.11	12.53	15.06	17.54	13.45	15.68
18	17.10	13.62	15.41	16.93	13.29	15.15	16.76	12.64	14.97	17.86	13.27	15.64
19	17.30	13.95	15.70	17.10	13.03	15.50	16.69	12.56	14.65	17.49	12.58	15.34
20	17.02	13.44	15.38	17.26	12.68	15.21	16.95	12.54	14.88	17.95	13.15	15.76
21	17.12	13.35	15.40	17.63	13.37	15.78	---	---	---	18.00	13.17	15.73
22	17.22	12.93	15.10	17.69	13.41	15.69	---	---	---	17.78	13.12	15.45
23	17.62	13.26	15.80	17.78	13.23	15.62	---	---	---	17.29	12.57	15.05
24	17.83	13.62	16.03	17.98	13.14	15.67	---	---	---	17.12	12.93	15.03
25	18.02	13.76	15.96	17.90	12.88	15.60	---	---	---	17.96	13.62	15.91
26	17.75	13.20	15.53	18.16	13.65	15.97	---	---	---	17.84	13.98	16.02
27	17.89	13.18	15.55	18.04	13.71	15.94	---	---	---	17.47	13.64	15.71
28	17.97	13.14	15.70	17.79	13.18	15.51	---	---	---	16.61	12.92	14.77
29	17.84	13.62	15.83	16.26	11.95	13.99	---	---	---	16.61	13.08	14.89
30	17.93	13.85	16.00	16.73	12.84	14.80	---	---	---	16.66	13.00	14.82
31	17.90	14.07	16.03	---	---	---	---	---	---	16.73	13.40	15.29
MONTH	18.13	12.93	15.75	18.16	11.95	15.50	---	---	---	---	---	---

WACCAMAW RIVER BASIN

02110815 WACCAMAW RIVER AT HAGLEY LANDING NEAR PAWLEYS ISLAND, SC--Continued

Gage height, feet
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	17.36	13.63	15.68	17.07	13.46	15.23	17.15	13.62	15.37	17.17	13.33	15.43
2	17.63	14.07	15.98	16.91	13.19	14.99	17.06	13.15	15.28	17.45	13.13	15.31
3	17.71	13.59	15.55	16.70	12.91	14.86	17.45	13.10	15.46	17.22	12.70	15.10
4	16.98	12.75	15.00	17.13	13.07	15.18	17.48	13.18	15.47	17.95	12.70	15.26
5	17.58	13.02	15.58	17.26	13.14	15.30	17.69	13.21	15.51	17.90	13.18	15.54
6	17.68	13.56	15.71	17.36	13.08	15.22	17.86	13.42	15.67	17.93	12.96	15.41
7	16.96	12.86	14.86	17.39	12.86	15.23	17.62	12.94	15.35	17.90	13.23	15.53
8	16.94	12.15	14.58	17.54	12.72	15.07	17.67	13.14	15.37	17.95	13.41	15.67
9	17.36	12.95	15.23	18.03	13.62	15.95	17.80	13.58	15.66	17.91	13.80	15.84
10	17.13	12.94	15.01	18.02	13.80	16.04	17.96	13.73	15.84	17.86	13.86	15.89
11	16.84	12.87	14.92	17.84	13.93	15.95	17.69	13.41	15.50	17.72	13.83	15.81
12	17.31	13.59	15.66	17.76	13.65	15.66	17.49	13.64	15.71	17.52	13.56	15.71
13	17.50	13.48	15.49	17.61	13.93	15.77	17.44	12.93	15.47	17.25	13.38	15.49
14	17.44	13.63	15.55	17.82	13.59	15.82	16.26	12.43	14.46	17.19	13.22	15.39
15	17.91	13.98	16.22	17.47	13.47	15.53	17.02	12.44	14.99	17.29	13.17	15.36
16	17.86	13.92	16.03	17.59	13.48	15.73	17.40	13.14	15.46	17.29	13.08	15.29
17	18.15	13.94	16.24	17.63	13.49	15.88	17.17	13.18	15.28	17.23	12.94	15.15
18	17.93	13.76	15.90	17.84	13.78	16.01	16.99	12.84	14.97	17.25	12.93	15.09
19	17.94	13.61	15.90	17.68	13.53	15.79	16.89	12.69	14.77	17.15	12.97	15.03
20	17.88	13.65	15.83	18.19	14.16	16.32	16.93	12.48	14.59	16.86	12.73	14.75
21	17.54	13.44	15.48	17.51	13.35	15.73	17.13	12.88	14.89	16.93	12.82	14.68
22	17.81	13.53	15.80	17.52	13.48	15.68	17.03	12.88	14.88	16.96	13.03	14.87
23	17.85	13.79	15.87	17.52	13.66	15.71	16.90	12.92	14.68	16.96	13.13	14.94
24	17.85	14.24	16.15	17.50	13.19	15.31	16.65	12.85	14.63	16.98	13.11	14.91
25	17.84	14.77	16.45	17.18	12.97	14.97	16.71	13.30	15.06	16.72	13.07	14.77
26	18.21	15.58	16.91	16.82	12.89	14.75	16.95	13.41	15.11	16.62	13.02	14.84
27	17.74	14.18	16.13	16.67	13.26	14.90	16.70	13.39	15.06	16.60	13.02	14.95
28	17.70	14.38	16.17	16.77	13.33	15.32	16.97	13.78	15.35	16.85	13.21	15.16
29	17.38	13.85	15.59	17.55	14.58	16.14	17.01	13.38	15.29	17.24	13.07	15.32
30	---	---	---	17.81	14.33	16.22	16.92	13.05	15.21	17.78	13.57	15.84
31	---	---	---	17.74	13.80	16.12	---	---	---	17.48	13.01	15.46
MONTH	18.21	12.15	15.71	18.19	12.72	15.56	17.96	12.43	15.21	17.95	12.70	15.28

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	17.74	12.72	15.19	17.94	12.89	15.44	18.23	13.59	16.01	17.62	13.52	15.65
2	17.91	12.89	15.38	17.94	13.07	15.44	18.35	13.82	16.10	17.92	13.85	16.09
3	17.96	12.76	15.39	18.04	13.25	15.58	18.35	14.08	16.17	17.93	14.32	16.22
4	17.88	12.92	15.38	18.00	13.37	15.63	18.01	13.92	15.96	17.80	14.07	16.12
5	17.96	13.03	15.37	18.01	13.36	15.63	17.77	13.90	15.92	17.85	14.53	16.39
6	17.99	13.52	15.71	17.79	13.53	15.65	17.57	13.64	15.87	17.88	14.96	16.61
7	17.97	13.64	15.73	17.74	13.72	15.87	17.86	14.21	16.21	17.96	14.90	16.63
8	17.79	13.74	15.77	17.64	13.70	15.86	17.46	13.97	15.88	17.62	14.74	16.41
9	17.58	13.58	15.65	17.51	13.66	15.80	17.26	13.64	15.59	---	---	---
10	17.37	13.56	15.68	17.36	13.55	15.69	17.16	13.49	15.45	---	---	---
11	17.33	13.27	15.52	17.47	13.54	15.71	17.09	13.34	15.29	---	---	---
12	17.72	13.34	15.70	17.46	13.66	15.71	16.98	13.31	15.12	---	---	---
13	17.94	14.34	16.28	17.35	13.35	15.47	16.95	12.77	14.95	---	---	---
14	17.65	13.73	15.83	17.34	13.26	15.30	17.35	13.34	15.44	---	---	---
15	17.37	13.53	15.56	17.50	13.44	15.45	17.45	13.64	15.59	18.08	14.42	16.43
16	17.21	13.06	15.16	17.66	13.63	15.63	17.59	13.47	15.51	18.15	14.51	16.46
17	17.15	13.03	15.05	17.68	13.84	15.70	17.73	13.61	15.64	18.42	14.85	16.65
18	17.20	12.92	14.99	17.47	13.23	15.37	17.60	13.87	15.82	17.80	14.09	15.90
19	17.65	13.38	15.35	17.43	13.44	15.47	17.47	13.66	15.50	18.25	14.32	16.41
20	18.01	13.95	15.92	17.44	13.40	15.40	17.32	13.38	15.44	19.01	15.51	17.31
21	18.00	14.29	16.14	17.44	13.43	15.42	17.18	13.17	15.18	19.08	15.69	17.42
22	17.87	13.56	15.60	17.31	13.45	15.47	17.31	12.97	15.25	18.62	15.44	17.05
23	17.00	13.11	14.95	17.31	13.62	15.56	17.76	13.53	15.82	18.45	14.93	16.72
24	16.58	12.93	14.85	17.20	13.36	15.38	17.88	13.69	16.04	18.75	15.11	16.97
25	17.01	13.15	15.22	17.30	13.22	15.37	17.86	13.68	15.99	18.80	15.27	17.14
26	16.84	13.12	15.03	17.50	13.15	15.47	17.90	13.53	15.88	18.90	15.33	17.22
27	17.49	13.27	15.56	17.67	13.14	15.55	18.07	13.39	15.86	18.87	15.46	17.28
28	17.30	13.01	15.31	17.62	12.88	15.34	18.29	13.63	16.07	18.18	14.33	16.56
29	17.60	12.80	15.21	17.62	12.76	15.22	18.76	14.76	16.92	17.94	14.09	16.13
30	17.82	12.97	15.46	17.97	13.01	15.48	17.57	13.23	15.59	18.15	14.15	16.33
31	---	---	---	18.28	13.45	15.86	17.57	13.24	15.47	---	---	---
MONTH	18.01	12.72	15.46	18.28	12.76	15.55	18.76	12.77	15.73	---	---	---

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1986 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: May 1986 to current year.

pH: August 1986 to September 1989 (discontinued).

WATER TEMPERATURE: August 1986 to current year.

DISSOLVED OXYGEN: August 1986 to current year.

INSTRUMENTATION.--Water-quality multiprobe and data collection platform.

REMARKS.--Specific conductance records rated excellent except for Dec. 2-23, Jan. 2-17, Mar. 8-17, which are good, and Jan. 18-29, Mar. 18-24, which are fair. Temperature records rated excellent. Dissolved oxygen records rated excellent except for Oct. 3-8, Oct. 27 to Nov. 5, Dec. 19-23, Feb. 10, which are good, Oct. 9, 10, Nov. 6-16, which are fair, and Nov. 17, which are poor. Prior to Oct. 1, 1991, specific conductance values less than 100 microsiemens were not recordable. Prior to October 1, 2003 dissolved oxygen concentrations are not corrected for salinity.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 29,900 microsiemens, Sep. 22, 1989; minimum, 40 microsiemens, Aug. 30, 1992, Jan. 23, 1993, Feb. 2, 3, 1993.

pH: Maximum, 8.0 units, May 26, 1988; minimum, 5.4 units, Sep. 29, 1987.

WATER TEMPERATURE: Maximum, 33.5°C, Aug. 1, 1999; minimum, 1.0°C, Dec. 25, 26, 1989.

DISSOLVED OXYGEN: Maximum, 12.4 mg/L, Jan. 14, 19, 1988, Jan. 25, 1994; minimum, 0.2 mg/L, Sep. 14, 1996.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 10,900 microsiemens, July 31; minimum, 76 microsiemens, Sep 18, 19.

WATER TEMPERATURE: Maximum, 31.0°C, Aug. 1; minimum, 4.2°C, Jan. 29.

DISSOLVED OXYGEN: Maximum, 11.9 mg/L, Jan. 28; minimum, 1.9 mg/L, Sep. 29.

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	101	93	97	115	112	113	112	106	108	98	92	94
2	95	92	93	114	111	112	113	109	111	94	91	92
3	95	93	94	113	109	111	113	110	111	94	92	92
4	96	94	95	111	105	108	119	111	113	93	90	92
5	98	95	96	108	103	106	123	113	115	91	89	90
6	98	97	98	106	102	104	117	113	115	92	89	90
7	100	98	99	105	102	103	117	115	116	---	---	---
8	102	100	101	104	102	103	118	115	117	101	94	96
9	102	100	101	105	101	103	118	116	117	103	95	97
10	---	---	---	111	104	108	118	113	115	---	---	---
11	---	---	---	113	110	112	119	111	113	---	---	---
12	---	---	---	112	110	111	112	109	110	112	101	105
13	---	---	---	111	106	108	109	106	108	117	100	102
14	---	---	---	107	103	105	111	106	108	113	100	103
15	115	111	113	108	103	105	113	107	110	110	100	103
16	112	109	110	118	108	112	113	110	111	110	100	102
17	109	106	107	126	117	122	120	109	111	105	99	101
18	159	106	111	121	112	116	115	109	111	111	100	102
19	837	110	184	116	110	112	113	106	108	111	103	104
20	127	113	118	118	114	116	119	109	113	109	102	104
21	117	110	112	120	116	118	113	111	112	109	104	105
22	113	109	111	122	112	116	112	108	110	113	104	106
23	150	112	120	122	114	117	111	104	107	121	104	107
24	2280	116	330	130	122	127	106	101	104	117	102	107
25	2770	118	486	127	113	118	103	100	101	109	102	106
26	146	115	124	116	109	111	103	99	101	115	106	110
27	147	118	124	110	106	108	100	96	97	---	---	---
28	170	118	125	110	106	108	100	96	98	122	103	111
29	138	115	119	112	108	109	101	98	99	---	---	---
30	119	113	115	109	106	108	99	97	98	---	---	---
31	115	111	113	---	---	---	99	96	97	121	111	113
MONTH	---	---	---	130	101	111	123	96	109	---	---	---

02110815 WACCAMAW RIVER AT HAGLEY LANDING NEAR PAWLEYS ISLAND, SC--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	121	112	114	105	93	97	137	114	119	127	113	118
2	1220	110	219	105	94	98	119	112	115	123	113	117
3	615	110	162	105	94	96	115	111	113	119	112	115
4	126	112	117	107	91	94	126	114	120	123	111	115
5	124	113	117	99	91	94	130	119	123	119	111	114
6	126	113	119	112	93	100	133	121	123	118	112	114
7	119	113	115	115	100	105	131	122	125	119	111	114
8	132	116	119	124	101	107	135	121	126	118	107	112
9	125	118	120	113	100	106	136	119	124	112	106	109
10	124	116	119	130	103	112	139	118	124	110	105	108
11	125	114	117	128	98	107	135	118	122	116	105	110
12	125	116	122	104	93	96	127	122	124	126	112	116
13	127	116	123	117	95	104	137	121	125	126	117	120
14	122	115	117	100	94	97	138	123	126	124	116	119
15	122	112	116	105	95	98	128	124	126	122	115	117
16	120	107	111	113	94	98	131	126	128	121	113	115
17	120	101	105	129	97	109	138	126	130	123	114	119
18	106	97	100	120	96	107	130	118	123	125	120	121
19	108	95	99	104	92	97	126	119	122	124	120	121
20	103	95	98	104	93	96	123	116	119	125	120	122
21	105	96	98	105	93	97	128	115	120	123	118	120
22	107	95	98	101	95	98	129	115	119	123	118	120
23	102	95	97	101	95	97	127	114	120	123	117	119
24	101	95	97	111	95	101	130	115	120	124	118	120
25	103	95	98	106	100	103	127	117	121	132	120	124
26	103	96	98	106	99	102	128	118	122	131	124	128
27	102	94	97	110	100	103	126	117	121	132	127	130
28	109	94	98	110	103	106	120	113	116	143	127	133
29	101	91	95	113	105	108	133	113	118	1730	127	355
30	---	---	---	1620	111	251	132	114	118	4930	129	1190
31	---	---	---	2570	115	403	---	---	---	1950	137	582
MONTH	1220	91	114	2570	91	116	139	111	122	4930	105	175

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	3920	136	588	1150	137	235	10900	210	2450	119	108	111
2	6640	141	1140	446	133	161	7990	179	1700	113	103	108
3	8330	171	1700	449	136	157	6530	158	1280	110	101	104
4	8330	181	1770	580	138	177	2770	153	473	106	95	101
5	6850	185	1250	514	142	179	1580	151	360	97	89	93
6	9280	229	2700	179	137	149	324	142	171	96	88	90
7	8160	224	2470	174	136	150	4820	139	845	94	87	89
8	8060	210	2380	197	135	150	2700	138	542	92	88	89
9	7480	188	2170	158	133	140	3520	139	644	---	---	---
10	7010	188	2500	143	131	135	3750	145	682	---	---	---
11	4890	172	1440	145	129	133	4450	146	885	94	91	92
12	6220	163	1290	430	125	153	1740	145	411	94	84	90
13	10100	222	3370	302	125	142	159	138	144	91	85	87
14	7400	224	1980	318	128	147	169	140	148	89	85	86
15	4450	191	1310	3010	127	449	160	129	143	88	82	84
16	3210	183	609	4520	127	662	141	112	123	86	80	82
17	2840	186	591	2540	126	458	127	106	111	83	79	80
18	2520	183	536	1040	119	164	122	104	109	82	76	79
19	5560	184	653	153	119	126	116	101	106	79	76	78
20	10100	187	1540	209	124	129	112	102	104	81	77	78
21	10100	258	3300	580	128	162	110	103	105	81	78	79
22	10500	192	2110	877	130	233	113	107	109	83	79	80
23	1560	183	331	1670	131	366	114	109	111	84	81	82
24	321	181	215	371	128	162	118	111	114	86	82	84
25	1680	177	374	1170	126	235	119	115	116	88	85	86
26	246	163	188	2100	125	384	119	113	116	90	88	89
27	2740	162	475	3530	128	571	116	108	113	92	89	91
28	209	163	177	3850	130	606	117	106	110	97	92	94
29	984	165	230	4770	135	745	501	106	149	99	94	96
30	1340	149	283	8890	147	1600	121	105	109	101	95	99
31	---	---	---	10900	207	2570	117	105	109	---	---	---
MONTH	10500	136	1320	10900	119	382	10900	101	409	---	---	---

WACCAMAW RIVER BASIN

02110815 WACCAMAW RIVER AT HAGLEY LANDING NEAR PAWLEYS ISLAND, SC--Continued

Temperature, water, degrees Celsius
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	22.8	21.9	22.4	19.0	18.2	18.6	14.3	12.1	13.2	8.4	7.1	7.7
2	22.2	21.2	21.8	18.7	17.9	18.3	13.0	11.8	12.6	8.3	7.4	7.9
3	21.4	20.4	20.9	18.7	18.1	18.3	12.3	11.2	11.7	9.5	7.6	8.3
4	21.5	20.2	20.7	19.2	18.4	18.7	11.3	10.3	10.9	10.3	8.5	9.1
5	21.1	20.2	20.6	19.7	18.8	19.2	10.8	10.4	10.6	11.2	9.4	10.1
6	21.1	20.0	20.6	20.4	19.3	19.8	10.5	9.4	10.1	11.0	9.8	10.4
7	21.3	20.4	20.8	20.7	20.0	20.2	9.9	8.8	9.4	---	---	---
8	21.2	20.7	20.9	20.2	19.4	20.0	9.7	8.5	9.2	9.9	8.8	9.5
9	21.4	20.5	20.9	19.4	17.9	18.6	9.8	8.5	9.2	9.9	9.4	9.6
10	---	---	---	18.3	17.4	17.8	10.4	9.4	9.8	---	---	---
11	---	---	---	18.0	17.1	17.5	10.3	8.5	9.5	---	---	---
12	---	---	---	18.0	16.7	17.4	9.9	8.4	9.4	7.9	6.9	7.3
13	---	---	---	17.4	15.6	16.8	9.7	9.3	9.5	7.3	6.4	6.9
14	---	---	---	16.4	15.2	15.8	9.6	8.8	9.3	7.3	6.0	6.7
15	21.2	20.1	20.7	16.1	14.6	15.5	9.4	8.4	8.8	7.2	6.6	6.8
16	21.1	20.0	20.5	16.3	14.8	15.5	9.3	8.3	8.8	6.9	6.2	6.6
17	20.9	20.0	20.4	16.0	14.9	15.4	9.8	8.6	9.3	6.8	6.1	6.5
18	20.6	19.6	20.2	15.7	14.9	15.3	9.6	7.7	8.5	8.4	6.7	7.4
19	20.6	19.4	19.9	16.6	15.4	15.8	9.4	7.6	8.2	8.4	7.6	7.9
20	20.0	19.1	19.6	16.6	15.0	15.7	8.1	6.9	7.6	7.6	6.9	7.4
21	21.2	18.7	19.7	16.0	14.9	15.5	7.9	6.4	7.2	7.6	6.6	7.2
22	20.2	19.1	19.5	16.3	14.8	15.4	7.8	6.4	7.1	8.0	6.6	7.3
23	19.3	18.5	18.9	16.4	14.7	15.5	8.2	6.7	7.3	7.9	7.0	7.4
24	19.0	18.1	18.6	16.2	14.9	15.6	8.5	7.3	7.8	7.8	6.6	7.1
25	19.2	17.7	18.5	15.8	14.5	15.2	7.8	6.9	7.4	7.3	6.3	6.8
26	19.4	18.5	18.9	15.7	14.5	15.2	7.9	6.4	7.2	6.6	5.8	6.1
27	19.8	19.0	19.3	16.0	15.0	15.4	7.9	6.6	7.2	---	---	---
28	19.4	19.2	19.3	16.5	14.8	15.6	7.9	6.4	7.2	5.5	4.7	5.1
29	19.6	18.6	19.1	15.0	13.6	14.0	8.0	7.1	7.4	5.5	4.2	5.0
30	19.5	18.6	19.0	14.2	12.8	13.6	8.8	7.4	8.0	5.5	4.6	5.1
31	19.3	18.3	18.9	---	---	---	8.5	7.2	7.7	5.1	4.8	4.9
MONTH	---	---	---	20.7	12.8	16.7	14.3	6.4	8.9	---	---	---

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	4.9	4.4	4.7	9.3	7.9	8.5	16.7	15.5	16.1	22.4	22.0	22.3
2	5.3	4.4	4.7	10.2	8.9	9.4	16.5	15.5	16.1	22.5	21.8	22.1
3	6.3	5.1	5.6	11.0	9.6	10.2	16.8	15.5	16.2	22.4	21.5	22.0
4	6.5	5.5	5.9	11.9	10.7	11.3	17.2	15.9	16.4	21.9	20.8	21.4
5	6.7	5.8	6.1	13.6	11.9	12.6	17.0	15.7	16.2	22.2	20.5	21.4
6	8.3	6.3	7.1	15.0	13.2	14.1	16.6	15.3	16.0	22.5	21.1	21.8
7	9.3	7.8	8.6	16.0	14.3	15.0	16.9	15.3	16.1	22.7	21.5	22.2
8	9.1	7.9	8.4	15.6	14.5	15.0	16.9	15.5	16.4	23.1	22.0	22.6
9	9.0	8.3	8.7	15.1	14.0	14.5	17.2	16.0	16.6	23.5	22.3	22.9
10	9.4	8.8	9.0	14.4	13.3	13.8	17.9	16.5	17.1	23.6	22.5	23.1
11	8.9	8.4	8.7	13.8	12.0	13.2	18.7	17.4	18.0	23.8	22.9	23.4
12	8.4	8.0	8.2	14.1	12.5	13.2	19.0	18.4	18.6	24.2	23.5	23.9
13	8.3	7.7	8.0	13.6	12.5	13.1	19.2	18.8	19.0	24.7	23.8	24.3
14	7.8	7.7	7.8	13.6	12.8	13.2	18.8	17.8	18.3	25.1	24.3	24.7
15	8.0	7.7	7.8	14.4	13.3	13.7	18.6	17.7	18.2	25.4	24.6	25.0
16	8.1	7.4	7.7	14.9	14.1	14.5	19.0	17.9	18.5	25.6	24.7	25.2
17	7.7	6.9	7.3	15.2	14.4	14.8	19.4	18.3	18.9	25.6	24.8	25.2
18	7.6	6.8	7.1	15.8	14.5	15.1	19.4	18.5	19.0	25.7	24.9	25.4
19	8.3	6.8	7.4	16.7	15.2	15.8	19.5	18.5	19.0	26.1	24.9	25.5
20	8.9	7.4	8.0	16.6	15.5	16.0	19.5	18.6	19.0	26.3	25.2	25.8
21	10.5	8.3	9.1	17.5	16.0	16.6	19.8	18.6	19.2	26.8	25.5	26.1
22	10.3	8.8	9.4	16.3	14.8	15.7	20.3	19.1	19.7	27.1	25.8	26.4
23	10.3	9.1	9.7	15.7	14.3	15.1	21.1	19.7	20.4	27.1	26.0	26.6
24	10.4	9.7	10.0	15.1	14.1	14.7	21.9	20.5	21.2	27.4	26.2	26.8
25	10.2	9.9	10.0	14.9	13.9	14.5	22.5	21.3	21.9	27.9	26.5	27.3
26	10.0	8.9	9.5	15.2	14.2	14.7	23.0	22.0	22.6	28.2	27.0	27.7
27	9.3	8.1	8.6	15.7	14.5	15.2	23.3	22.1	22.7	28.3	26.8	27.9
28	8.5	7.4	8.1	16.2	15.4	15.8	22.7	21.8	22.3	28.4	27.3	28.0
29	8.3	7.2	7.9	16.4	15.1	15.9	22.6	21.6	22.2	28.5	27.7	28.1
30	---	---	---	16.2	15.5	15.9	22.7	22.0	22.4	28.6	28.0	28.3
31	---	---	---	16.4	15.8	16.1	---	---	---	28.7	28.0	28.4
MONTH	10.5	4.4	7.9	17.5	7.9	14.1	23.3	15.3	18.8	28.7	20.5	24.9

02110815 WACCAMAW RIVER AT HAGLEY LANDING NEAR PAWLEYS ISLAND, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	28.9	27.9	28.3	28.9	28.0	28.5	31.0	29.8	30.2	26.6	25.2	26.0
2	29.0	27.5	28.3	28.7	27.5	28.1	30.7	29.7	30.1	26.5	25.8	26.1
3	29.2	27.8	28.5	28.4	27.3	28.0	30.3	29.4	29.8	26.7	25.6	26.2
4	28.8	28.0	28.3	28.9	27.6	28.3	30.3	28.8	29.7	26.7	25.8	26.3
5	28.8	27.4	28.1	29.5	28.1	28.8	30.4	28.9	29.8	26.3	25.8	26.1
6	28.6	27.6	28.1	29.8	28.3	29.2	29.8	28.8	29.2	25.9	25.4	25.6
7	28.7	27.6	28.1	30.2	28.8	29.6	29.0	27.9	28.6	25.6	25.2	25.4
8	28.6	27.7	28.2	30.0	29.2	29.7	28.5	27.6	28.1	25.8	25.4	25.6
9	28.3	27.7	28.1	30.0	29.0	29.6	28.3	27.3	27.9	---	---	---
10	28.4	27.6	28.1	29.8	29.0	29.4	28.3	27.3	28.0	---	---	---
11	28.6	27.9	28.3	30.0	29.0	29.5	28.3	27.8	28.1	26.0	25.3	25.8
12	29.0	28.3	28.6	29.9	29.4	29.7	28.2	27.1	28.0	25.6	25.1	25.3
13	28.6	27.6	28.3	30.4	29.4	29.9	27.4	26.8	27.2	25.1	24.7	24.9
14	28.2	27.6	27.9	30.7	29.7	30.2	26.8	25.8	26.4	24.7	24.1	24.4
15	28.1	27.4	27.8	30.9	30.1	30.5	25.9	24.9	25.4	24.4	23.8	24.1
16	27.9	27.5	27.7	30.9	30.1	30.5	25.3	24.5	24.8	24.8	23.9	24.3
17	28.4	27.3	27.8	30.7	29.8	30.3	25.2	24.3	24.8	25.1	24.3	24.6
18	29.0	27.6	28.2	30.0	29.0	29.4	25.8	24.8	25.3	24.7	23.9	24.3
19	29.4	28.1	28.7	29.6	28.4	29.1	26.3	25.3	25.8	24.2	23.2	23.7
20	29.2	28.5	28.8	29.8	28.6	29.3	26.7	25.8	26.2	23.2	22.3	22.7
21	29.5	28.1	28.8	30.0	28.9	29.5	27.3	26.3	26.8	22.5	21.6	22.2
22	29.9	28.3	29.1	30.3	29.2	29.8	27.0	26.5	26.8	22.4	21.8	22.1
23	30.0	28.4	29.3	30.3	29.3	29.8	27.2	26.6	26.9	22.3	21.8	22.1
24	30.0	28.6	29.4	30.1	29.1	29.7	27.4	26.5	27.0	22.3	21.9	22.1
25	29.9	29.1	29.5	29.9	29.1	29.5	27.5	26.7	27.2	22.8	22.1	22.4
26	29.7	28.8	29.4	30.0	29.0	29.5	27.1	26.6	26.9	22.8	22.4	22.6
27	29.5	28.9	29.3	30.2	29.4	29.7	26.8	26.4	26.6	23.0	22.5	22.7
28	29.5	28.6	29.2	30.3	29.4	29.9	26.6	26.2	26.3	23.8	22.9	23.3
29	29.3	28.3	28.9	30.2	29.5	29.9	26.3	25.4	25.9	24.1	23.3	23.6
30	29.2	28.5	28.8	30.5	29.5	30.1	26.2	24.6	25.5	24.0	23.4	23.7
31	---	---	---	30.8	29.7	30.2	26.1	25.6	25.8	---	---	---
MONTH	30.0	27.3	28.5	30.9	27.3	29.5	31.0	24.3	27.3	---	---	---

WACCAMAW RIVER BASIN

02110815 WACCAMAW RIVER AT HAGLEY LANDING NEAR PAWLEYS ISLAND, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	6.0	5.8	5.9	8.5	7.6	7.9	10.2	10.0	10.1			
2	---	---	---	6.2	5.8	6.0	8.7	7.8	8.2	10.3	10.0	10.1			
3	---	---	---	6.4	6.0	6.2	9.0	8.4	8.6	10.3	10.0	10.1			
4	---	---	---	6.3	5.9	6.1	9.3	8.8	9.1	10.2	10.0	10.1			
5	---	---	---	6.1	5.8	6.0	9.3	9.0	9.2	10.4	10.0	10.1			
6	---	---	---	6.0	5.6	5.8	9.5	9.1	9.3	10.3	10.0	10.1			
7	---	---	---	5.7	5.1	5.4	9.7	9.2	9.5	---	---	---			
8	---	---	---	5.9	5.1	5.5	9.7	9.6	9.6	10.5	10.1	10.3			
9	---	---	---	7.0	5.8	6.4	9.9	9.6	9.7	10.2	9.7	9.9			
10	---	---	---	6.9	6.2	6.5	9.9	9.5	9.7	---	---	---			
11	---	---	---	6.3	6.0	6.1	10.5	9.8	10.0	---	---	---			
12	---	---	---	6.5	6.0	6.2	9.9	9.5	9.7	11.0	10.3	10.7			
13	---	---	---	7.5	6.4	6.9	9.8	9.5	9.6	11.1	10.6	10.9			
14	---	---	---	7.0	6.5	6.8	10.0	9.6	9.8	11.1	10.7	11.0			
15	6.0	5.3	5.6	6.8	6.6	6.7	10.0	9.3	9.6	11.3	11.0	11.2			
16	5.7	5.4	5.6	7.0	6.6	6.8	9.6	9.2	9.4	11.4	11.1	11.3			
17	5.6	5.2	5.4	7.4	6.8	7.1	9.8	9.2	9.5	11.3	11.0	11.3			
18	5.9	5.2	5.6	7.5	7.3	7.4	10.3	9.6	10.0	11.2	10.8	11.1			
19	5.9	5.5	5.6	7.9	7.4	7.6	10.5	9.9	10.2	11.2	10.8	11.1			
20	6.1	5.7	6.0	7.9	7.6	7.7	10.7	10.0	10.2	11.4	10.8	11.1			
21	6.8	6.0	6.3	7.6	7.2	7.4	---	---	---	11.4	11.0	11.1			
22	7.0	6.4	6.7	7.3	6.8	7.1	---	---	---	11.3	10.9	11.1			
23	7.0	6.6	6.8	7.1	6.7	6.9	---	---	---	11.3	10.9	11.0			
24	6.9	6.4	6.7	7.2	6.7	7.0	10.1	9.9	10.0	11.2	10.8	11.0			
25	6.9	6.3	6.6	7.6	7.2	7.4	10.3	10.0	10.1	11.1	10.8	11.0			
26	6.5	6.0	6.2	7.5	7.3	7.4	10.1	10.0	10.1	11.2	11.0	11.1			
27	6.5	6.0	6.2	7.4	7.1	7.3	10.1	10.0	10.0	---	---	---			
28	6.6	6.0	6.3	8.0	7.0	7.4	10.2	10.0	10.1	11.9	11.6	11.7			
29	6.8	6.2	6.6	8.4	7.1	7.8	10.2	10.0	10.1	11.7	11.1	11.6			
30	6.5	6.0	6.3	8.3	7.6	7.8	10.3	10.0	10.1	11.6	11.1	11.3			
31	6.3	5.8	6.1	---	---	---	10.2	10.0	10.1	---	---	---			
MONTH	---	---	---	8.4	5.1	6.8	---	---	---	---	---	---			

DAY	MAX	MIN	MEAN	FEBRUARY			MARCH			APRIL			MAY		
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	10.3	9.9	10.1	8.0	7.4	7.9	5.8	5.5	5.7			
2	---	---	---	10.5	10.2	10.4	7.9	7.4	7.7	6.4	5.5	5.9			
3	---	---	---	10.5	10.2	10.4	7.7	7.2	7.5	6.5	6.0	6.3			
4	---	---	---	10.3	9.9	10.1	7.7	7.1	7.4	6.6	6.1	6.3			
5	---	---	---	9.9	9.6	9.8	8.0	7.4	7.6	6.3	6.0	6.2			
6	---	---	---	9.6	9.1	9.3	7.9	7.4	7.7	6.1	5.9	6.0			
7	---	---	---	9.1	8.5	8.7	8.0	7.6	7.9	6.1	5.5	5.8			
8	---	---	---	8.8	8.2	8.4	8.0	7.5	7.8	5.9	5.4	5.7			
9	11.0	10.6	10.8	8.3	7.8	8.0	7.9	7.4	7.7	5.9	5.4	5.7			
10	10.8	10.5	10.7	8.7	8.0	8.3	7.8	7.2	7.4	5.8	5.4	5.7			
11	11.2	10.3	10.9	8.4	7.9	8.1	7.5	7.0	7.2	5.9	5.4	5.7			
12	11.0	10.8	10.9	8.5	8.1	8.3	7.2	6.8	7.0	5.8	5.3	5.6			
13	11.1	10.7	10.9	8.4	8.1	8.2	7.4	6.7	7.1	5.6	5.2	5.4			
14	10.9	10.3	10.6	8.4	8.1	8.2	7.8	7.2	7.4	5.5	5.2	5.4			
15	10.4	10.0	10.2	8.4	8.1	8.3	7.5	7.0	7.3	5.6	5.2	5.4			
16	10.5	10.2	10.4	8.3	7.7	8.1	7.2	6.7	6.9	5.8	5.3	5.6			
17	10.6	10.3	10.5	8.0	7.7	7.9	6.7	6.5	6.6	5.9	5.5	5.7			
18	11.0	10.5	10.7	7.9	7.6	7.8	7.0	6.4	6.8	5.9	5.6	5.8			
19	10.7	10.4	10.5	7.9	7.5	7.7	7.2	6.8	7.1	5.9	5.6	5.8			
20	10.5	9.7	10.2	7.7	7.3	7.5	7.4	7.1	7.3	6.0	5.5	5.8			
21	10.5	9.8	10.2	7.9	7.3	7.6	7.4	7.0	7.3	6.0	5.6	5.8			
22	10.1	9.6	9.9	8.3	7.7	8.0	7.3	7.0	7.1	6.0	5.5	5.7			
23	9.9	9.6	9.7	8.0	7.7	7.9	7.2	6.6	6.9	5.9	5.3	5.5			
24	9.8	9.5	9.6	8.2	7.7	8.0	6.9	6.4	6.7	5.7	5.2	5.4			
25	9.8	9.4	9.6	8.1	7.9	8.0	6.7	6.2	6.3	5.8	5.4	5.6			
26	10.0	9.5	9.7	8.0	7.8	7.9	6.3	5.9	6.1	6.0	5.5	5.8			
27	10.0	9.7	9.8	7.9	7.6	7.8	6.6	6.0	6.3	6.2	5.7	5.9			
28	10.0	9.7	9.8	8.1	7.7	7.9	6.3	5.8	6.2	6.2	5.7	5.9			
29	10.1	9.8	9.9	8.2	8.0	8.1	6.2	5.8	6.0	6.0	5.3	5.7			
30	---	---	---	8.1	7.6	7.9	5.9	5.6	5.8	5.6	5.1	5.4			
31	---	---	---	7.9	7.6	7.8	---	---	---	5.8	5.2	5.5			
MONTH	---	---	---	10.5	7.3	8.4	8.0	5.6	7.1	6.6	5.1	5.7			

WACCAMAW RIVER BASIN

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02110815 WACCAMAW RIVER AT HAGLEY LANDING NEAR PAWLEYS ISLAND, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	5.6	5.2	5.4	5.5	5.0	5.4	4.9	4.2	4.6	3.9	2.8	3.3
2	5.5	4.8	5.2	5.6	5.0	5.4	4.8	4.1	4.5	3.1	2.7	3.0
3	5.3	4.8	5.1	5.4	5.1	5.3	5.3	4.1	4.8	3.4	2.9	3.2
4	5.5	4.7	5.0	5.5	4.9	5.3	5.0	4.5	4.8	3.4	3.1	3.3
5	5.5	4.8	5.0	5.7	5.0	5.4	5.2	4.1	4.8	3.5	3.1	3.3
6	5.3	4.7	4.9	5.7	4.9	5.5	6.2	4.9	5.7	3.4	3.0	3.2
7	5.1	4.6	4.7	5.7	4.9	5.4	6.5	5.1	5.9	3.2	2.9	3.1
8	4.7	4.4	4.6	5.7	5.0	5.4	6.2	5.4	5.8	3.7	3.0	3.3
9	4.7	4.3	4.5	5.5	5.0	5.3	5.6	4.8	5.4	---	---	---
10	4.8	4.2	4.5	5.3	4.4	5.1	5.4	4.8	5.2	---	---	---
11	4.9	4.4	4.7	5.0	4.5	4.9	5.3	4.6	5.1	3.4	2.6	3.1
12	5.2	4.7	5.0	5.0	4.7	4.9	5.7	4.9	5.1	3.7	3.4	3.5
13	5.2	4.7	5.0	5.3	4.7	5.0	5.7	5.3	5.6	3.6	3.1	3.3
14	5.2	4.8	5.0	5.6	4.8	5.3	6.0	5.2	5.7	3.2	2.9	3.1
15	5.0	4.6	4.8	5.5	4.7	5.2	5.7	5.3	5.5	3.1	2.6	2.9
16	4.7	4.2	4.5	5.5	4.5	5.2	5.4	5.0	5.2	2.9	2.7	2.8
17	4.7	3.9	4.3	5.4	4.6	5.1	5.0	4.5	4.7	3.9	2.8	3.3
18	4.8	3.9	4.4	5.3	4.6	4.9	4.5	4.2	4.3	4.0	3.2	3.5
19	5.0	4.3	4.6	4.8	4.4	4.6	4.4	4.0	4.2	3.8	3.1	3.5
20	5.0	4.3	4.6	4.9	4.4	4.6	4.2	3.9	4.1	4.2	3.6	3.9
21	5.4	4.4	4.8	5.1	4.3	4.8	4.5	4.0	4.2	3.7	3.5	3.6
22	5.4	4.4	4.9	5.2	4.4	4.9	4.2	3.6	3.9	3.5	3.4	3.5
23	5.6	4.6	5.2	5.3	4.4	5.0	3.7	3.3	3.6	3.7	3.4	3.5
24	5.8	5.2	5.5	5.3	4.8	5.1	3.7	3.3	3.5	3.6	3.4	3.5
25	5.8	5.0	5.4	5.3	4.7	5.1	3.8	3.4	3.6	3.7	3.3	3.5
26	6.4	5.5	5.9	5.2	4.5	4.9	4.0	3.5	3.7	3.6	3.2	3.4
27	5.9	5.3	5.6	5.0	4.3	4.7	3.6	3.3	3.5	3.5	3.0	3.2
28	6.0	5.4	5.7	4.9	4.3	4.7	3.6	3.0	3.3	3.8	3.1	3.3
29	5.8	5.2	5.7	5.0	4.3	4.7	4.6	3.6	4.1	3.1	1.9	2.3
30	5.7	5.1	5.5	5.0	4.2	4.7	4.6	3.9	4.1	2.3	2.0	2.2
31	---	---	---	5.0	4.1	4.6	3.9	3.4	3.6	---	---	---
MONTH	6.4	3.9	5.0	5.7	4.1	5.0	6.5	3.0	4.6	---	---	---

PEE DEE RIVER BASIN

02130561 PEE DEE RIVER NEAR BENNETTSVILLE, SC--Continued

Discharge, cubic feet per second
WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3650	2580	788	4370	3900	18600	10500	8460	1430	4130	3570	2400
2	2430	4290	821	3980	767	13500	10700	6670	1720	3310	1250	2720
3	2980	2410	1940	5520	2250	7560	9220	5320	4400	2370	497	4240
4	1870	1970	4710	8070	3670	7110	4020	863	e6110	3990	3060	4090
5	2400	3150	5460	8630	5660	10300	1650	3090	e6160	4680	4090	3200
6	3180	3900	4900	8490	4260	11200	2680	5040	e7930	1040	2910	722
7	1650	5380	3700	8170	3340	12700	8040	4980	e16600	4660	3250	553
8	850	1540	5630	7820	2880	17200	8960	5760	e16000	3490	3100	2100
9	2980	907	6390	7610	1380	16000	5320	7580	e14300	3380	2120	4250
10	1670	3480	6390	7870	3050	12800	5690	7320	e17500	2920	540	3960
11	2440	2870	5050	7850	2230	13600	3740	6600	18600	2600	2720	3680
12	2590	2480	3810	6210	3360	12600	3880	6140	23000	2110	2890	4610
13	514	6100	4410	2470	1450	12300	2820	5930	22800	472	4910	1210
14	326	6310	4920	5210	3630	11400	6380	3730	15500	2150	7290	3390
15	4920	3500	3870	7480	2950	10400	3640	1620	13700	1790	7190	2880
16	5170	3000	2820	7500	3680	9060	4600	3040	16000	2530	5130	2680
17	4790	3410	4550	7180	2820	9590	4220	2470	22300	2440	4120	908
18	1850	2850	3980	4940	5700	10200	3880	e2600	18300	3830	2920	3690
19	1300	3230	3700	962	5080	11000	3290	2590	e17300	838	5010	2680
20	1290	7270	3560	e500	3150	10800	2980	5130	e15000	278	5310	2550
21	1680	6070	3720	4250	4880	10700	7680	4980	e11000	1280	7900	559
22	1760	4130	744	4400	5960	6930	34600	3790	e8800	2810	4830	1940
23	3780	2230	397	5590	5080	5760	56300	2410	5740	3320	1680	3110
24	2760	950	3050	6000	3120	9250	65600	1720	6770	3580	1040	1740
25	4890	926	4390	4500	3870	12500	65500	1200	6280	3470	3650	3390
26	4060	916	2710	3840	13500	11900	45800	1890	2740	4870	3880	4510
27	1380	985	2600	2190	36500	14600	27600	3270	7200	3920	4950	1240
28	1460	808	7010	4980	35700	16800	e17400	2460	7210	4220	3170	1640
29	3230	966	6920	6350	24600	12900	11500	4660	3740	1970	5870	2460
30	5130	780	5070	6490	---	11500	9360	5880	4140	3280	2130	2460
31	3080	---	3650	6490	---	10500	---	5670	---	3020	802	---
TOTAL	82060	89388	121660	175912	198417	361260	447550	132863	338270	88748	111779	79562
MEAN	2647	2980	3925	5675	6842	11650	14920	4286	11280	2863	3606	2652
MAX	5170	7270	7010	8630	36500	18600	65600	8460	23000	4870	7900	4610
MIN	326	780	397	500	767	5760	1650	863	1430	278	497	553
CFSM	0.35	0.39	0.52	0.75	0.90	1.53	1.96	0.56	1.48	0.38	0.47	0.35
IN.	0.40	0.44	0.60	0.86	0.97	1.77	2.19	0.65	1.66	0.43	0.55	0.39

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1991 - 1992, BY WATER YEAR (WY)

	1991	1992	1991	1992	1991	1992	1991	1992	1991	1992	1991	1992
MEAN	2647	2980	6545	13910	8337	15850	17390	7717	8290	3717	6219	2390
MAX	2647	2980	9165	22150	9886	20060	19850	11150	11280	4571	8832	2652
(WY)	1992	1992	1991	1991	1991	1991	1991	1991	1992	1991	1991	1992
MIN	2647	2980	3925	5675	6842	11650	14920	4286	5305	2863	3606	2129
(WY)	1992	1992	1992	1992	1992	1992	1992	1992	1992	1992	1992	1991

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1991 - 1992

ANNUAL TOTAL	3458132	2227469		
ANNUAL MEAN	9474	6086		
HIGHEST ANNUAL MEAN		6086		1992
LOWEST ANNUAL MEAN		6086		1992
HIGHEST DAILY MEAN	57900	Apr 1	65600	Apr 24 1992
LOWEST DAILY MEAN	136	Sep 16	278	Jul 20 1991
ANNUAL SEVEN-DAY MINIMUM	866	Nov 26	866	Nov 26 1991
MAXIMUM PEAK FLOW			70200	Apr 24 1990
MAXIMUM PEAK STAGE			86.16	Apr 24 1990
ANNUAL RUNOFF (CFSM)	1.25	0.801		0.801
ANNUAL RUNOFF (INCHES)	16.93	10.90		10.88
10 PERCENT EXCEEDS	19300	12500		12500
50 PERCENT EXCEEDS	6390	3940		3940
90 PERCENT EXCEEDS	1530	1290		1290

a From discharge measurement made prior to gage installation.

PEE DEE RIVER BASIN

02130561 PEE DEE RIVER NEAR BENNETTSVILLE, SC--Continued

Discharge, cubic feet per second
WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3610	2680	13300	12600	11100	12400	32100	8380	3330	5390	1640	3010
2	3720	1470	12200	10600	10900	10700	29200	8050	5480	2130	1380	2710
3	3740	5170	10700	9350	10900	12600	27400	7750	6870	1840	4350	2420
4	1010	5630	10100	7250	10700	18100	24600	6640	6840	1800	4540	599
5	10100	7630	10300	7490	10800	47800	20900	8830	7150	1770	3740	425
6	17700	12400	9520	14900	10400	59900	39300	21300	3460	1870	4120	672
7	15200	12500	8910	e19100	8990	61300	60200	18200	3220	5650	3730	1040
8	10500	7640	8550	e21500	6700	44900	60600	14000	4990	5870	1610	3790
9	8690	4020	8260	36500	8230	29700	46100	11800	4880	6500	2640	3320
10	6830	5900	8260	41100	9170	21400	36200	10200	7700	6520	5760	3380
11	6110	6150	8910	38100	9500	17400	31700	10000	6540	2630	5320	2340
12	6390	6840	10300	36500	11200	17400	28000	10700	4570	1910	5040	403
13	5650	14700	10800	40500	12400	20100	22700	9740	4570	5000	4880	257
14	5770	24900	9540	37800	15000	40100	18600	9380	2080	5540	4730	2530
15	5570	19300	9550	27700	11500	50600	18000	8860	5490	4890	1640	2750
16	6750	13600	8990	22000	12100	42200	19400	5960	6660	3970	1210	2710
17	5860	11200	8580	17700	13800	32800	25000	2800	7450	4480	3560	2290
18	3370	9840	8560	13000	15300	29400	23800	6940	7010	2030	4520	2670
19	1190	8110	8500	10800	13500	28500	19700	7920	6140	1850	4450	545
20	4380	8170	8570	11700	10700	26000	16900	8150	2340	5010	3980	253
21	4590	8210	8070	11900	10500	21600	13400	8980	1810	5440	2990	2630
22	5280	8210	9480	23400	11200	18700	13400	9000	5490	6830	929	3060
23	5490	8610	11300	39100	14400	17100	11200	5850	5560	5290	738	3480
24	3230	9200	9850	39600	15800	22700	8660	2470	5730	3790	3230	3140
25	644	11300	10200	33500	12700	49300	7550	6050	6220	1730	e3310	3090
26	2180	19100	10700	29100	12700	64800	5210	5780	4390	1760	e3080	1420
27	4060	26000	9980	21900	11300	69100	4320	7700	1890	4630	3240	339
28	5350	31100	10200	15400	11100	64600	7060	9890	1710	4800	3710	2730
29	5370	26900	14000	14400	---	60700	8470	9570	5590	5060	967	1830
30	6090	19000	16600	13900	---	50300	8390	8810	6650	4710	1260	563
31	4670	---	13900	12400	---	38700	---	3710	---	5060	4380	---
TOTAL	179094	355480	316680	690790	322590	1100900	688060	273410	151810	125750	100674	60396
MEAN	5777	11850	10220	22280	11520	35510	22940	8820	5060	4056	3248	2013
MAX	17700	31100	16600	41100	15800	69100	60600	21300	7700	6830	5760	3790
MIN	644	1470	8070	7250	6700	10700	4320	2470	1710	1730	738	253
CFSM	0.76	1.56	1.34	2.93	1.52	4.67	3.02	1.16	0.67	0.53	0.43	0.26
IN.	0.88	1.74	1.55	3.38	1.58	5.39	3.37	1.34	0.74	0.62	0.49	0.30

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1991 - 1993, BY WATER YEAR (WY)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	4212	7414	7768	16700	9386	22410	19240	8085	7214	3830	5229	2265
MAX	5777	11850	10220	22280	11520	35510	22940	11150	11280	4571	8832	2652
(WY)	1993	1993	1993	1993	1993	1993	1993	1991	1992	1991	1991	1992
MIN	2647	2980	3925	5675	6842	11650	14920	4286	5060	2863	3248	2013
(WY)	1992	1992	1992	1992	1992	1992	1992	1992	1993	1992	1993	1993

SUMMARY STATISTICS	FOR 1992 CALENDAR YEAR			FOR 1993 WATER YEAR			WATER YEARS 1991 - 1993		
ANNUAL TOTAL	2785615			4365634					
ANNUAL MEAN	7611			11960			9019		
HIGHEST ANNUAL MEAN							11960		
LOWEST ANNUAL MEAN							6086		
HIGHEST DAILY MEAN	65600			Apr 24			69100		
LOWEST DAILY MEAN	278			Jul 20			253		
ANNUAL SEVEN-DAY MINIMUM	1860			Jul 15			1550		
MAXIMUM PEAK FLOW							71100		
MAXIMUM PEAK STAGE							86.27		
ANNUAL RUNOFF (CFSM)	1.00			1.57			a 87.51		
ANNUAL RUNOFF (INCHES)	13.63			21.37			16.12		
10 PERCENT EXCEEDS	14800			28700			19300		
50 PERCENT EXCEEDS	5430			8210			5380		
90 PERCENT EXCEEDS	1860			1980			1670		

a From discharge measurement made prior to gage installation.

PEE DEE RIVER BASIN

02130561 PEE DEE RIVER NEAR BENNETTSVILLE, SC--Continued

Discharge, cubic feet per second
WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2220	2340	5870	5130	13200	13600	52200	2170	5430	9600	12900	10500
2	2830	4620	4660	2740	12100	16300	37000	1700	5480	8230	11400	9670
3	311	4500	2350	2460	11200	38300	26300	5800	5170	3020	9770	11300
4	133	2620	4770	6980	10800	46300	20600	8240	4980	5780	9140	9250
5	1700	3730	2220	8290	e10600	46300	16300	8690	1910	7120	9060	6880
6	2350	1160	1400	9420	10300	37300	13800	8160	1970	6020	9340	8720
7	3670	733	3940	9410	7180	27200	13400	4890	7190	5640	5320	9810
8	2240	1160	5710	9270	5240	e21200	12500	2320	4190	e5920	2650	10400
9	483	3410	6460	8080	8110	e19600	11400	3250	4610	e4520	5530	9460
10	180	1820	5590	3800	9380	e18300	10100	8120	4420	e4420	5680	4560
11	157	3760	6110	7040	9860	e16900	7270	8270	17600	e2280	5280	2190
12	2320	3460	3120	8350	12400	15100	8990	7950	18600	e5260	6240	2040
13	1990	2400	1270	10100	15000	12900	8940	6170	11500	6040	5930	6840
14	1780	453	4140	14700	13900	13300	9540	4010	5410	5670	4240	8250
15	2490	293	5920	13900	13400	12800	8750	2240	e6270	4930	2450	5520
16	2270	1980	6670	10800	13900	13000	10200	2440	e5650	4240	9270	5780
17	456	2820	6890	9950	13300	13000	7850	7430	e5760	2130	11500	7150
18	404	3250	6830	9640	10900	10500	14100	7130	4990	2050	15000	3390
19	2760	3180	6780	9920	11600	10700	13000	6790	e1980	4880	18900	2760
20	3490	2630	3980	10100	10400	9840	11100	6920	1790	6620	20300	3050
21	2140	1970	1700	10000	8980	5960	11200	5140	e5340	11400	20900	5570
22	1940	997	6760	10000	9070	5400	10100	1890	e4950	13500	17700	5150
23	1400	2590	8450	9040	8850	8480	9730	1630	e4150	10600	14200	4850
24	623	2540	8950	5820	12300	8090	5540	4250	e5970	7240	12200	5200
25	610	2900	8620	6260	26200	8960	2210	e7440	e5300	7380	11400	7460
26	4150	374	5890	8100	22400	9750	7030	6570	e4500	8200	12600	8920
27	4960	866	2930	8520	18400	6570	9070	3020	e3340	8210	11400	9100
28	4760	2700	5650	9640	14400	8970	9260	1800	6660	12500	11400	5570
29	5450	5080	7590	16600	---	16900	7850	4430	e6620	15500	11500	4790
30	5250	4820	8290	21900	---	41200	5970	1730	7350	16700	10800	5770
31	2160	---	7810	16900	---	55500	---	2650	---	16500	10500	---
TOTAL	67677	75156	167320	292860	343370	588220	391300	153240	179080	232100	324500	199900
MEAN	2183	2505	5397	9447	12260	18970	13040	4943	5969	7487	10470	6663
MAX	5450	5080	8950	21900	26200	55500	52200	8690	18600	16700	20900	11300
MIN	133	293	1270	2460	5240	5400	2210	1630	1790	2050	2450	2040
CFSM	0.29	0.33	0.71	1.24	1.61	2.50	1.72	0.65	0.79	0.99	1.38	0.88
IN.	0.33	0.37	0.82	1.43	1.68	2.88	1.92	0.75	0.88	1.14	1.59	0.98

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1991 - 1994, BY WATER YEAR (WY)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	3536	5778	7175	14890	10100	21550	17690	7299	6903	4744	6538	3364
MAX	5777	11850	10220	22280	12260	35510	22940	11150	11280	7487	10470	6663
(WY) 1993	1993	1993	1993	1993	1994	1993	1993	1991	1992	1994	1994	1994
MIN	2183	2505	3925	5675	6842	11650	13040	4286	5060	2863	3248	2013
(WY) 1994	1994	1994	1992	1992	1992	1992	1994	1992	1993	1992	1993	1993

SUMMARY STATISTICS	FOR 1993 CALENDAR YEAR			FOR 1994 WATER YEAR			WATER YEARS 1991 - 1994		
ANNUAL TOTAL	3824533			3014723					
ANNUAL MEAN	10480			8260					
HIGHEST ANNUAL MEAN							8766		
LOWEST ANNUAL MEAN							11960		
HIGHEST DAILY MEAN	69100			Mar 27			69100		
LOWEST DAILY MEAN	133			Oct 4			133		
ANNUAL SEVEN-DAY MINIMUM	1310			Oct 8			1310		
MAXIMUM PEAK FLOW				57600			Mar 31		
MAXIMUM PEAK STAGE				84.44			Mar 31		
ANNUAL RUNOFF (CFSM)	1.38			1.09			a 87.51		
ANNUAL RUNOFF (INCHES)	18.72			14.76			1.15		
10 PERCENT EXCEEDS	28200			14800			17600		
50 PERCENT EXCEEDS	5590			6780			5780		
90 PERCENT EXCEEDS	1410			1990			1790		

a From discharge measurement made prior to gage installation.

PEE DEE RIVER BASIN

02130561 PEE DEE RIVER NEAR BENNETTSVILLE, SC--Continued

Discharge, cubic feet per second
WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5950	5770	8230	4950	11900	15000	4820	1210	e7640	21600	6720	e17000
2	4780	6270	7840	1840	11500	26200	2510	5980	6420	13600	4500	e12900
3	4470	5940	7760	2970	11400	27300	2220	5510	7370	12700	4610	e9880
4	4950	6060	4770	5780	9930	21600	4660	5190	9020	11100	4820	e7590
5	3440	3440	3740	5120	7580	17700	4830	6000	8380	11300	3960	e6870
6	3900	2320	5620	4870	4140	15700	3560	4690	10000	10200	1070	4670
7	5750	1920	6820	6150	7210	14500	4740	1280	14300	14600	777	4160
8	5080	4010	7310	8360	8160	14800	2660	965	17300	32300	3470	4590
9	1880	4450	7470	10800	8160	18800	1240	3470	14400	21000	2920	4250
10	1750	4720	7100	9980	8020	24300	1460	5480	10900	13500	2790	1300
11	6390	5190	4710	7930	8690	21300	3690	4440	6550	10100	4020	1700
12	7480	4840	2760	8300	9660	16000	3990	5780	4710	7730	4170	3320
13	6870	1880	4670	8680	9710	14400	4480	4830	4180	e2870	971	7660
14	8780	2410	6450	8990	9330	12900	5970	4110	3810	e4970	851	6730
15	7170	5080	5740	13800	8890	13200	3190	4810	6000	5510	3920	5230
16	4020	6480	5890	35100	13700	13900	1110	7020	6010	3020	2920	3200
17	2610	4230	4870	31800	39700	12200	1260	5200	5830	1280	3540	3330
18	2740	4530	2750	25200	56600	10800	3590	5160	1910	e4080	3340	3760
19	5260	3710	2840	24600	64900	9540	4290	5300	1710	4650	2570	5550
20	7240	1160	4870	21000	62000	8070	4580	5590	7070	6670	734	6170
21	7450	1230	6610	15100	46700	5210	4200	2710	6240	6470	443	6880
22	5800	5270	7480	14400	30600	6230	4000	1390	e5070	7050	455	6490
23	2190	4160	11200	12700	22200	8770	1170	5620	e4140	3030	3430	6190
24	3300	5960	14700	10400	17700	9550	1580	5700	e5300	2090	3540	4550
25	5740	3300	13800	9930	16900	9000	4740	5330	e6590	4580	2760	4200
26	6010	2970	7620	9570	16200	6620	3810	6730	e7980	5490	3100	5830
27	7270	1110	4700	10500	14800	3510	2160	4260	e9160	5470	2190	6680
28	6920	4360	7410	12300	12600	6080	3320	1620	e9450	5370	16900	6930
29	6460	8680	6140	16600	---	7080	2220	1540	10500	4930	e17500	6990
30	4660	9040	5690	16200	---	7310	1830	1640	22800	6530	e19700	7390
31	2190	---	7010	13300	---	7480	---	e6460	---	6220	e17700	---
TOTAL	158500	130490	204570	387220	548880	405050	97880	135015	240740	270010	150391	181990
MEAN	5113	4350	6599	12490	19600	13070	3263	4355	8025	8710	4851	6066
MAX	8780	9040	14700	35100	64900	27300	5970	7020	22800	32300	19700	17000
MIN	1750	1110	2750	1840	4140	3510	1110	965	1710	1280	443	1300
CFSM	0.67	0.57	0.87	1.64	2.58	1.72	0.43	0.57	1.06	1.15	0.64	0.80
IN.	0.78	0.64	1.00	1.90	2.69	1.98	0.48	0.66	1.18	1.32	0.74	0.89

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1991 - 1995, BY WATER YEAR (WY)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	3930	5421	7060	14410	11990	19850	14800	6710	7127	5537	6201	3905
MAX	5777	11850	10220	22280	19600	35510	22940	11150	11280	8710	10470	6663
(WY)	1993	1993	1993	1993	1995	1993	1993	1991	1992	1995	1994	1994
MIN	2183	2505	3925	5675	6842	11650	3263	4286	5060	2863	3248	2013
(WY)	1994	1994	1992	1992	1992	1992	1995	1992	1993	1992	1993	1993

SUMMARY STATISTICS FOR 1994 CALENDAR YEAR FOR 1995 WATER YEAR WATER YEARS 1991 - 1995

ANNUAL TOTAL	3198130	2910736	
ANNUAL MEAN	8762	7975	
HIGHEST ANNUAL MEAN			8568
LOWEST ANNUAL MEAN			11960
HIGHEST DAILY MEAN	55500	Mar 31	64900
LOWEST DAILY MEAN	1110	Nov 27	443
ANNUAL SEVEN-DAY MINIMUM	3430	Nov 21	1990
MAXIMUM PEAK FLOW			66900
MAXIMUM PEAK STAGE			85.76
ANNUAL RUNOFF (CFSM)	1.15		1.05
ANNUAL RUNOFF (INCHES)	15.65		14.25
10 PERCENT EXCEEDS	14800		15300
50 PERCENT EXCEEDS	7170		5830
90 PERCENT EXCEEDS	2740		2180

a From discharge measurement made prior to gage installation.

02130561 PEE DEE RIVER NEAR BENNETTSVILLE, SC--Continued

Discharge, cubic feet per second
WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5610	9720	9860	2050	28800	9760	11600	19200	5870	782	4980	995
2	5540	9730	9280	4790	21900	9620	13700	18300	3940	4070	4940	970
3	4220	13100	4620	7730	26000	8780	15800	13300	2120	4290	4770	969
4	5150	18100	2940	8970	43200	4280	13500	11300	5800	3470	2630	6800
5	27300	13200	6380	9420	36000	4800	11800	9500	7100	955	2910	12500
6	44500	9490	6800	8590	26500	7060	11000	4260	7320	3110	3950	19700
7	38800	9410	7030	3300	21400	12100	10500	5340	5710	2590	4040	22600
8	29200	18700	7200	4150	17500	27300	10100	7240	4650	2650	4860	23100
9	17300	31500	7010	8340	15900	26900	9990	5780	3480	2630	4560	14500
10	12500	25800	6010	7640	16100	17300	10100	6690	2250	2640	4490	9250
11	11400	18100	6080	6360	15100	11800	9730	7510	8090	2210	3040	9450
12	10700	24000	8520	7440	14700	10100	8760	6340	14000	2530	4660	11500
13	10800	35200	9180	7140	13400	9640	7190	2350	12200	2470	8360	12100
14	8660	32500	8670	4460	12200	10000	4090	5960	10500	773	13300	10700
15	9290	23600	7470	5010	12500	10200	5200	7540	10200	511	15000	7340
16	11500	15900	6690	8530	12800	10200	7840	6730	6700	2360	13500	5190
17	11400	14200	3590	9040	11600	8090	8270	5680	4460	4220	8950	9860
18	9950	13000	3480	9380	11800	6400	7730	6500	4520	3480	8470	12300
19	8490	12400	7650	9770	11800	9480	6440	4190	7630	3080	8330	11000
20	5860	11700	8250	25300	11900	11000	6130	3390	8440	2150	8340	7630
21	7920	11700	8220	27800	12100	13400	3890	4250	8460	1300	8270	5570
22	8920	11300	8200	22600	12100	12500	3000	5780	7540	1150	8080	3080
23	8350	9460	7860	17600	10700	11200	6650	5650	5660	3020	7190	2450
24	7990	7320	3630	14700	10300	9490	7000	4800	4720	2570	5300	4740
25	7790	9000	2560	13400	9680	6410	7620	4170	6040	2570	1210	5120
26	7700	9980	2280	13300	10100	7840	5220	2820	5280	2690	1680	6190
27	7620	10300	7010	14700	10200	8840	6350	2900	4430	3910	5650	4440
28	9190	9750	7700	39300	10300	10300	4440	4400	3290	1790	6030	4120
29	13800	10300	7680	52500	9890	13600	2920	4560	2800	1250	5980	3880
30	15000	9700	6440	47000	---	16400	8910	4960	979	4160	6450	1410
31	10700	---	3670	36200	---	13400	---	5640	---	5150	4730	---
TOTAL	393150	458160	201960	456510	476470	348190	245470	207030	184179	80531	194650	249454
MEAN	12680	15270	6515	14730	16430	11230	8182	6678	6139	2598	6279	8315
MAX	44500	35200	9860	52500	43200	27300	15800	19200	14000	5150	15000	23100
MIN	4220	7320	2280	2050	9680	4280	2920	2350	979	511	1210	969
CFSM	1.67	2.01	0.86	1.94	2.16	1.48	1.08	0.88	0.81	0.34	0.83	1.09
IN.	1.92	2.24	0.99	2.23	2.33	1.70	1.20	1.01	0.90	0.39	0.95	1.22

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1991 - 1996, BY WATER YEAR (WY)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	5626	7410	7059	15030	13600	19060	13730	6718	7118	5351	6757	4710
MAX	12680	15270	10220	22280	24800	35510	22940	11150	11280	10530	10470	8315
(WY)	1996	1996	1993	1993	1995	1993	1993	1991	1992	1995	1994	1996
MIN	2183	2505	3925	5675	6842	11230	3420	4286	5060	2598	3248	2013
(WY)	1994	1994	1992	1992	1992	1996	1995	1992	1993	1996	1993	1993

SUMMARY STATISTICS FOR 1995 CALENDAR YEAR FOR 1996 WATER YEAR WATER YEARS 1991 - 1996

ANNUAL TOTAL	4045940	3495754	
ANNUAL MEAN	11080	9551	
HIGHEST ANNUAL MEAN			11960
LOWEST ANNUAL MEAN			6086
HIGHEST DAILY MEAN	77400	Feb 19	52500
LOWEST DAILY MEAN	556	Aug 21	511
ANNUAL SEVEN-DAY MINIMUM	2120	Aug 19	1930
MAXIMUM PEAK FLOW			53800
MAXIMUM PEAK STAGE			83.89
ANNUAL RUNOFF (CFSM)	1.46		1.26
ANNUAL RUNOFF (INCHES)	19.80		17.11
10 PERCENT EXCEEDS	23700		17400
50 PERCENT EXCEEDS	7470		7890
90 PERCENT EXCEEDS	2640		2810

a From discharge measurement made prior to gage installation.

PEE DEE RIVER BASIN

02130561 PEE DEE RIVER NEAR BENNETTSVILLE, SC--Continued

Discharge, cubic feet per second
WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4470	7940	4490	5630	11000	12400	12200	65800	4090	3780	11200	1280
2	8240	8220	5060	4580	10200	24200	11000	57700	2240	4520	6940	1330
3	14300	8200	9260	5440	10000	22600	10200	38400	3460	3260	2830	3660
4	11200	5070	12100	4220	9520	17500	9350	28600	6020	3500	2610	3160
5	9330	6870	13300	2580	9250	13900	8490	23800	6900	e1910	3900	2260
6	5370	6350	12600	4190	9170	14500	5160	18700	7100	e1350	3450	2630
7	2270	3790	15500	4650	9130	13900	2980	15200	7520	e1120	2080	1570
8	10100	3690	15100	6450	9280	13000	3100	12900	7570	e2620	2770	1420
9	19300	5510	13700	6640	9710	12400	7100	12000	7350	e5160	3280	1710
10	20500	2220	12600	16100	10400	12000	6690	11400	5830	e4620	2620	1600
11	14900	3220	11400	20800	10500	11800	7340	9500	4980	e3560	1940	3910
12	11200	3730	10700	16200	9890	11600	5250	7240	4970	e3050	3190	4390
13	9540	3330	11400	11700	9700	10700	4980	7370	6090	e1620	2810	3570
14	5470	3650	11700	10500	14300	11400	8520	7870	6210	e1560	3720	1810
15	3400	5210	13500	8620	33600	14900	9690	8190	6580	3050	3770	1160
16	5380	4780	12200	7180	45500	17500	8410	6630	7000	3380	3880	3250
17	5930	2970	12000	11900	39100	14700	8840	4560	7100	3640	2040	3680
18	5570	1810	10600	14600	28000	12300	9000	5030	6950	3800	1360	e3560
19	5120	5320	10500	10200	20800	12200	8720	4830	6620	3780	3330	e2980
20	1670	6000	11800	7720	16800	13000	6500	4760	3500	2240	3600	e2940
21	1840	6290	12300	e8120	14200	15900	5900	4450	4650	2480	3470	e1230
22	4690	7810	11700	e8430	14200	15000	6940	4410	4380	2680	3550	e1250
23	5030	8170	10600	e9110	13600	13100	8190	4890	1860	4160	3570	1790
24	5600	7770	9680	e9480	12600	12200	11500	3430	3580	33300	2090	2950
25	4610	4020	10100	e10800	11800	11800	16600	1400	4070	60300	1680	4560
26	6130	6350	10300	e12200	10200	12100	13100	1990	4760	67900	3190	6240
27	4260	7650	10800	e12800	8800	13000	12100	4080	4370	42400	2850	5120
28	1780	8030	11300	e12200	8910	13000	17600	4350	4590	27100	3190	2920
29	6530	3690	10300	10500	---	13200	43600	3940	3690	19200	2490	1370
30	6830	5300	9520	9820	---	12300	57400	3800	3540	13400	1860	1600
31	7430	---	8820	9990	---	12500	---	4100	---	11000	1420	---
TOTAL	227990	162960	344930	293350	420160	430600	346450	391320	157570	345440	100680	80900
MEAN	7355	5432	11130	9463	15010	13890	11550	12620	5252	11140	3248	2697
MAX	20500	8220	15500	20800	45500	24200	57400	65800	7570	67900	11200	6240
MIN	1670	1810	4490	2580	8800	10700	2980	1400	1860	1120	1360	1160
CFSM	0.97	0.71	1.46	1.25	1.97	1.83	1.52	1.66	0.69	1.47	0.43	0.35
IN.	1.12	0.80	1.69	1.44	2.06	2.11	1.70	1.92	0.77	1.69	0.49	0.40

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1991 - 1997, BY WATER YEAR (WY)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	5960	7065	7563	13750	13060	17770	13390	7551	6718	5918	5790	4362
MAX	12680	15270	11130	22280	19600	35510	22940	12620	11280	11140	10470	8315
(WY)	1996	1996	1997	1993	1995	1993	1993	1997	1992	1997	1994	1996
MIN	2183	2505	3925	5675	6842	11230	3263	4286	5060	2598	3248	2013
(WY)	1994	1994	1992	1992	1992	1996	1995	1992	1993	1996	1993	1993

SUMMARY STATISTICS FOR 1996 CALENDAR YEAR FOR 1997 WATER YEAR WATER YEARS 1991 - 1997

ANNUAL TOTAL	3178364	3302350	
ANNUAL MEAN	8684	9048	
HIGHEST ANNUAL MEAN			11960 1993
LOWEST ANNUAL MEAN			6086 1992
HIGHEST DAILY MEAN	52500	Jan 29	67900 Jul 26 69100 Mar 27 1993
LOWEST DAILY MEAN	511	Jul 15	1120 Jul 7 133 Oct 4 1993
ANNUAL SEVEN-DAY MINIMUM	1930	Jul 10	2050 Sep 4 866 Nov 26 1991
MAXIMUM PEAK FLOW			73600 Jul 26 a 88200 Oct 26 1990
MAXIMUM PEAK STAGE			86.56 Jul 26 a 87.51 Oct 26 1990
ANNUAL RUNOFF (CFSM)	1.14	1.19	1.16
ANNUAL RUNOFF (INCHES)	15.56	16.16	15.75
10 PERCENT EXCEEDS	14700	14900	16800
50 PERCENT EXCEEDS	7380	6940	6320
90 PERCENT EXCEEDS	2640	2250	2050

a From discharge measurement made prior to gage installation.

02130561 PEE DEE RIVER NEAR BENNETTSVILLE, SC--Continued

Discharge, cubic feet per second
WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3440	5830	2500	11500	37300	14800	13300	10700	5520	4040	5850	755
2	3300	3590	6880	9110	27100	14300	13400	9550	7440	3820	2240	4890
3	2670	1420	8010	8090	23000	13300	12300	9230	7870	4050	1310	3210
4	1780	4820	5550	5270	22800	12900	12600	9570	7060	4560	3690	15300
5	1130	5120	5190	2860	35400	12800	11300	10700	7360	2290	3650	37700
6	1460	5240	4290	4940	40900	11800	8110	11400	6340	2100	3140	26800
7	3060	5110	2550	11500	37000	10500	6320	11800	3030	1360	2810	15200
8	1810	3300	1690	34000	29200	7240	8430	12900	3590	2240	2200	8040
9	2430	772	3530	47900	23200	25700	8930	18800	6260	2120	884	5290
10	2500	555	3820	44500	19700	49000	35100	27700	6580	2910	1340	3710
11	3050	3260	4090	32500	17300	47100	32900	23300	8280	2290	4010	2320
12	984	3730	5610	24300	16900	37300	21900	20300	9280	1230	4300	1660
13	878	5580	4400	18500	16200	26600	14000	18500	8620	1020	4370	1070
14	1730	7420	2020	14800	15300	21900	10300	15700	4330	2070	3780	922
15	1890	12400	1830	12800	14300	17800	11000	13100	2860	1760	3240	2570
16	3630	10200	5090	15500	13200	15900	10500	12200	5570	3100	3260	2720
17	3190	6450	5480	33900	21800	15200	11600	11300	6990	3990	1290	2370
18	2320	5770	5870	43900	49100	15000	18900	10900	7300	3440	2290	2660
19	1560	4310	4600	35800	56700	39100	29600	10700	6890	1270	4720	2100
20	5900	3890	3090	36800	43800	66400	41500	10100	5850	1410	5170	1130
21	8190	2190	386	33900	31100	70200	44200	9580	2670	3930	3930	891
22	7370	4030	763	27000	23400	52800	43000	7010	2690	4490	2880	2110
23	3830	10100	6460	22700	20500	37700	34600	3010	5140	5160	867	2670
24	3230	8910	12100	25200	19900	28100	29200	5100	5650	4100	719	2340
25	2840	6850	17300	27700	20100	22000	25200	2680	5640	4020	3680	2350
26	1300	7080	22000	22400	17100	18800	20600	5200	5610	2050	3820	2570
27	4720	6830	17100	18400	16100	16400	17500	6460	5730	2080	4210	1020
28	7770	3240	12900	33100	14600	15400	15600	7850	2200	7770	5390	788
29	8360	4050	11800	53400	---	15000	14100	8120	1790	8380	2850	2880
30	7030	3410	13100	63400	---	13700	11800	5040	3760	4850	1350	3040
31	6070	---	13300	55000	---	13600	---	3860	---	4630	697	---
TOTAL	109422	155457	213299	830670	723000	778340	587790	342360	167900	102530	93937	161076
MEAN	3530	5182	6881	26800	25820	25110	19590	11040	5597	3307	3030	5369
MAX	8360	12400	22000	63400	56700	70200	44200	27700	9280	8380	5850	37700
MIN	878	555	386	2860	13200	7240	6320	2680	1790	1020	697	755
CFSM	0.46	0.68	0.91	3.53	3.40	3.30	2.58	1.45	0.74	0.44	0.40	0.71
IN.	0.54	0.76	1.04	4.07	3.54	3.81	2.88	1.68	0.82	0.50	0.46	0.79

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1991 - 1998, BY WATER YEAR (WY)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	5612	6796	7478	15380	14640	18690	14170	7987	6578	5592	5445	4488
MAX	12680	15270	11130	26800	25820	35510	22940	12620	11280	11140	10470	8315
(WY)	1996	1996	1997	1998	1998	1993	1993	1997	1992	1997	1994	1996
MIN	2183	2505	3925	5675	6842	11230	3263	4286	5060	2598	3030	2013
(WY)	1994	1994	1992	1992	1992	1996	1995	1992	1993	1996	1998	1993

SUMMARY STATISTICS FOR 1997 CALENDAR YEAR FOR 1998 WATER YEAR WATER YEARS 1991 - 1998

ANNUAL TOTAL	3044648	4265781	
ANNUAL MEAN	8342	11690	
HIGHEST ANNUAL MEAN			9223
LOWEST ANNUAL MEAN			11960
HIGHEST DAILY MEAN	67900	Jul 26	70200
LOWEST DAILY MEAN	386	Dec 21	386
ANNUAL SEVEN-DAY MINIMUM	1910	Oct 8	1880
MAXIMUM PEAK FLOW			76400
MAXIMUM PEAK STAGE			86.89
ANNUAL RUNOFF (CFSM)	1.10		1.54
ANNUAL RUNOFF (INCHES)	14.90		20.88
10 PERCENT EXCEEDS	14800		30200
50 PERCENT EXCEEDS	5550		6460
90 PERCENT EXCEEDS	1820		1790

a From discharge measurement made prior to gage installation.

PEE DEE RIVER BASIN

02130561 PEE DEE RIVER NEAR BENNETTSVILLE, SC--Continued

Discharge, cubic feet per second
WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3280	1100	2270	4710	8560	2800	5680	18500	1840	3220	499	2160
2	3470	1020	1220	3100	9720	4600	8200	20700	3670	2420	965	961
3	2520	2100	2100	4920	15500	3810	9140	16000	3680	2070	2800	2070
4	1270	5000	2930	14400	15900	3800	5410	12600	3390	452	2790	1450
5	1800	3170	2210	12800	14200	4290	3120	10100	3300	396	1660	431
6	2860	2740	947	8790	12500	3450	5310	9060	964	1060	1070	1910
7	e2760	1950	1000	7320	9280	3220	5310	6880	700	2510	310	2590
8	3930	1220	1100	6930	4280	2400	4990	6090	3060	1980	211	2840
9	9200	1330	1280	5060	3070	4630	2810	3250	2840	2170	201	2860
10	8080	1260	1640	2430	6630	6320	1870	2260	2140	1470	1370	2220
11	4310	2000	2230	2070	7950	6210	1160	4920	1250	369	1700	2180
12	1930	1520	2320	3700	8320	5830	1620	5840	1910	310	2310	923
13	5400	2690	849	4400	7550	5060	3710	4360	541	2420	1780	491
14	3090	2120	958	4860	5230	2610	2640	4510	423	2210	761	2010
15	3660	1550	2740	5700	2430	5300	2680	5440	2290	3830	509	6310
16	3770	1610	4050	6840	3880	7230	3420	4900	1780	5080	552	8050
17	3960	2810	7240	3230	5330	7190	2150	6150	1990	4510	2130	2890
18	1610	3570	7500	4080	4800	7290	1100	5410	1890	858	2020	1040
19	1130	3700	7030	7920	5490	7030	1320	5320	2270	358	3250	1080
20	3740	3190	4180	8750	6560	5150	2360	5600	417	3260	2170	714
21	5190	2700	2560	8450	4410	2700	3160	5750	468	3860	431	604
22	6430	1290	3370	7660	4670	5570	3260	5120	2870	3260	380	3310
23	3440	1480	4970	7160	6300	9220	2800	2920	2060	3480	378	4170
24	1820	2600	e6050	11700	5800	9310	2660	3170	2140	3430	1960	3000
25	1170	4370	9210	38000	5360	8530	1110	3430	1960	458	1770	2630
26	1090	4610	12900	38700	5250	7900	946	3470	1820	265	2140	955
27	e1980	2830	9680	25800	5390	7740	2100	4070	558	1920	2190	734
28	1510	3160	5240	18200	4230	4360	2980	3660	1290	1830	1710	3970
29	1420	2160	5910	14100	---	3050	3250	3720	2680	2130	638	7000
30	4310	2230	4880	11600	---	5560	6930	1120	2650	1910	396	29400
31	2260	---	6380	9490	---	6010	---	864	---	2190	2360	---
TOTAL	102390	73080	126944	312870	198590	168170	103196	195184	58841	65686	43411	100953
MEAN	3303	2436	4095	10090	7092	5425	3440	6296	1961	2119	1400	3365
MAX	9200	5000	12900	38700	15900	9310	9140	20700	3680	5080	3250	29400
MIN	1090	1020	849	2070	2430	2400	946	864	417	265	201	431
CFSM	0.43	0.32	0.54	1.33	0.93	0.71	0.45	0.83	0.26	0.28	0.18	0.44
IN.	0.50	0.36	0.62	1.53	0.97	0.82	0.51	0.96	0.29	0.32	0.21	0.49

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1991 - 1999, BY WATER YEAR (WY)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	5324	6251	7102	14790	13810	17210	12980	7799	6065	5206	4996	4363
MAX	12680	15270	11130	26800	25820	35510	22940	12620	11280	11140	10470	8315
(WY)	1996	1996	1997	1998	1998	1993	1993	1997	1992	1997	1994	1996
MIN	2183	2436	3925	5675	6842	5425	3263	4286	1961	2119	1400	2013
(WY)	1994	1999	1992	1992	1992	1999	1995	1992	1999	1999	1999	1993

SUMMARY STATISTICS

FOR 1998 CALENDAR YEAR

FOR 1999 WATER YEAR

WATER YEARS 1991 - 1999

ANNUAL TOTAL	4090017	1549315										
ANNUAL MEAN	11210	4245								8601		
HIGHEST ANNUAL MEAN										11960		1993
LOWEST ANNUAL MEAN										4245		1999
HIGHEST DAILY MEAN				70200	Mar 21		38700	Jan 26		70200	Mar 21	1998
LOWEST DAILY MEAN				697	Aug 31		201	Aug 9		133	Oct 4	1993
ANNUAL SEVEN-DAY MINIMUM				1480	Dec 8		932	Aug 5		866	Nov 26	1991
MAXIMUM PEAK FLOW							45500	Jan 25		a 88200	Oct 26	1990
MAXIMUM PEAK STAGE							82.79	Jan 25		a 87.51	Oct 26	1990
ANNUAL RUNOFF (CFSM)				1.47			0.559			1.13		
ANNUAL RUNOFF (INCHES)				20.02			7.58			15.38		
10 PERCENT EXCEEDS				30200			8250			17300		
50 PERCENT EXCEEDS				5400			3070			5760		
90 PERCENT EXCEEDS				1390			952			1780		

a From discharge measurement made prior to gage installation.

PEE DEE RIVER BASIN

02130561 PEE DEE RIVER NEAR BENNETTSVILLE, SC--Continued

Discharge, cubic feet per second
WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	28500	1560	6350	5570	27600	6600	7660	4150	1460	859	1630	1770
2	15500	3840	4050	3180	27100	7690	3900	5470	3680	412	2170	1540
3	7070	3540	2530	2470	23200	7050	3970	5410	3220	342	2230	4900
4	5990	4650	3940	4650	19800	6530	6300	6020	375	219	2560	5090
5	3380	4190	2070	5230	17800	4670	6580	4670	134	1250	3350	6740
6	2750	4140	1880	4620	15700	3870	6930	5350	1910	2720	3980	6080
7	4980	1570	2700	4990	13400	6180	6880	4920	2560	2660	2650	4620
8	4980	1450	4080	4430	12500	6130	6380	4300	1090	2370	3350	2910
9	5140	1990	4450	2780	12300	6190	4830	5090	3960	188	2010	3030
10	4380	2640	3770	3420	12100	5930	5200	5600	3700	48	2120	1040
11	2860	3070	3610	11400	11900	5110	8330	4280	2410	2470	1990	1190
12	19100	2820	1560	14700	11800	3730	9130	4340	1530	2300	1430	1860
13	17500	2980	1340	11600	14200	3170	9170	4420	2950	2460	1160	1840
14	12100	1770	2070	9360	17800	4970	9190	3060	917	409	538	2000
15	11200	1580	5450	7450	25300	4890	9130	805	2280	3320	677	1880
16	9990	3140	7080	3300	25000	4600	6740	2550	718	454	1680	1740
17	7470	3660	6710	3240	18900	5360	6410	1960	1100	221	2160	920
18	7850	3080	4250	6630	15000	6930	6650	2000	1340	1120	2070	607
19	7120	2650	2430	7390	13400	9640	10100	3800	1450	2130	2540	663
20	6330	3170	2860	5210	12400	9600	11700	4130	1480	1870	1280	2080
21	6550	1100	5380	6150	11500	9620	10500	2830	1030	1800	1460	2300
22	7690	1480	5800	7230	9370	10600	9390	654	1710	1700	826	2750
23	7570	3980	6390	5000	9500	11100	4150	2120	710	497	426	6560
24	4340	3410	5670	9390	10200	9820	2610	1060	758	498	1120	12100
25	3350	3620	3010	14000	9710	8430	7170	3790	1320	2220	1400	11200
26	5700	1790	2720	16700	9070	6060	8540	3370	449	1340	2060	8230
27	4500	6910	2540	20800	5310	5240	7680	1560	1180	2850	549	5710
28	4550	3430	4090	17800	4260	7730	8150	2030	1370	3330	392	4530
29	4290	4210	4900	14900	6600	8480	8600	594	1950	2930	2370	3220
30	2480	5710	4820	11500	---	8920	6380	387	176	1570	2250	e2070
31	1240	---	5080	15100	---	8890	---	269	---	701	2320	---
TOTAL	236450	93130	123580	260190	422720	213730	218350	100989	48917	47258	56748	111170
MEAN	7627	3104	3986	8393	14580	6895	7278	3258	1631	1524	1831	3706
MAX	28500	6910	7080	20800	27600	11100	11700	6020	3960	3330	3980	12100
MIN	1240	1100	1340	2470	4260	3170	2610	269	134	48	392	607
CFSM	1.00	0.41	0.52	1.10	1.92	0.91	0.96	0.43	0.21	0.20	0.24	0.49
IN.	1.16	0.46	0.60	1.27	2.07	1.05	1.07	0.49	0.24	0.23	0.28	0.54

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1991 - 2000, BY WATER YEAR (WY)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	5580	5901	6790	14150	13890	16180	12410	7345	5622	4838	4679	4298
MAX	12680	15270	11130	26800	25820	35510	22940	12620	11280	11140	10470	8315
(WY)	1996	1996	1997	1998	1998	1993	1993	1997	1992	1997	1994	1996
MIN	2183	2436	3925	5675	6842	5425	3263	3258	1631	1524	1400	2013
(WY)	1994	1999	1992	1992	1992	1999	1995	2000	2000	2000	1999	1993

SUMMARY STATISTICS FOR 1999 CALENDAR YEAR FOR 2000 WATER YEAR WATER YEARS 1991 - 2000

ANNUAL TOTAL	1700061	1933232	
ANNUAL MEAN	4658	5282	8231
HIGHEST ANNUAL MEAN			11960
LOWEST ANNUAL MEAN			4245
HIGHEST DAILY MEAN	38700	Jan 26	28500 Oct 1
LOWEST DAILY MEAN	201	Aug 9	48 Jul 10
ANNUAL SEVEN-DAY MINIMUM	932	Aug 5	744 Jun 29
MAXIMUM PEAK FLOW			35200 Oct 1
MAXIMUM PEAK STAGE			79.87 Oct 1
ANNUAL RUNOFF (CFSM)	0.613	0.695	a 87.51
ANNUAL RUNOFF (INCHES)	8.32	9.46	1.08
10 PERCENT EXCEEDS	8540	11500	14.72
50 PERCENT EXCEEDS	3420	3980	16500
90 PERCENT EXCEEDS	963	1050	5550
			1660

a From discharge measurement made prior to gage installation.

PEE DEE RIVER BASIN

02130561 PEE DEE RIVER NEAR BENNETTSVILLE, SC--Continued

Discharge, cubic feet per second
WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1700	743	3820	1030	2780	5470	20400	3360	3910	1320	558	1440
2	1280	1870	2610	884	2960	4630	16700	2030	5260	817	2310	632
3	3270	2260	1340	4770	3310	4860	14100	2640	2800	2910	2570	579
4	3530	1220	1560	e5680	2380	3460	11500	3530	1280	3420	3200	798
5	3580	1010	3130	4200	1330	4010	10700	1490	3650	1910	1920	2610
6	3720	992	2380	4350	2660	9210	10200	1360	3940	3720	616	3190
7	2790	778	2800	1150	2670	9060	9960	540	1090	4060	2960	1920
8	988	660	1240	908	2650	7400	9000	2130	2670	1950	3090	3280
9	1240	1370	1450	2310	1810	6710	7050	1590	1220	2640	1730	956
10	2030	2390	1070	4100	1570	7030	4590	676	718	4100	1550	554
11	672	1240	1070	2410	1110	3700	4290	1680	893	2760	561	2910
12	574	935	1460	2720	1890	1600	5730	4950	1550	1630	315	3120
13	579	868	1900	2150	5000	2560	5300	2120	2270	1700	277	2780
14	1550	926	1890	1030	4520	2350	2450	679	4390	1810	3210	633
15	1010	2920	2410	888	2900	5360	5330	1250	4310	754	2110	1750
16	970	2760	1290	956	1880	6890	2470	2420	3170	1170	1230	702
17	963	2510	1230	2250	2230	6010	1060	2640	2360	1730	2770	433
18	1020	1520	3410	2250	5180	4510	2970	3700	1200	2670	2680	437
19	1940	1110	4630	3000	6070	3480	4730	3880	2210	2340	1760	699
20	2390	1280	3990	3070	4660	6450	1450	1320	3680	2370	1820	2800
21	1970	2520	3290	3030	4120	8620	732	579	3810	2380	3300	4230
22	776	4010	2190	3790	4390	13300	670	2080	4010	668	1620	4270
23	672	4160	1160	3470	5640	13900	933	1660	1960	351	525	4470
24	1450	2550	e1450	4330	3780	9710	4380	3080	977	2610	2330	5120
25	1810	1950	926	3730	3430	6250	2950	1570	2630	3150	3190	5650
26	822	3180	e723	3910	2250	3380	2970	2810	4850	2340	768	4400
27	690	4400	1470	2460	2970	5470	2440	1240	3820	1830	465	5200
28	1280	3320	3170	1370	3090	5880	2160	805	4470	1380	2650	3770
29	757	4490	3220	1500	---	5730	1070	2790	4950	687	2170	3430
30	781	2280	2460	4010	---	13200	1220	1700	4420	1460	645	1400
31	1300	---	2530	2720	---	24300	---	1140	---	664	3020	---
TOTAL	48104	62222	67269	84426	89230	214490	169505	63439	88468	63301	57920	74163
MEAN	1552	2074	2170	2723	3187	6919	5650	2046	2949	2042	1868	2472
MAX	3720	4490	4630	5680	6070	24300	20400	4950	5260	4100	3300	5650
MIN	574	660	723	884	1110	1600	670	540	718	351	277	433
CFSM	0.20	0.27	0.29	0.36	0.42	0.91	0.74	0.27	0.39	0.27	0.25	0.33
IN.	0.24	0.30	0.33	0.41	0.44	1.05	0.83	0.31	0.43	0.31	0.28	0.36

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1991 - 2001, BY WATER YEAR (WY)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	5177	5518	6370	13110	12930	15340	11790	6863	5379	4584	4424	4132
MAX	12680	15270	11130	26800	25820	35510	22940	12620	11280	11140	10470	8315
(WY)	1996	1996	1997	1998	1998	1993	1993	1997	1992	1997	1994	1996
MIN	1552	2074	2170	2723	3187	5425	3263	2046	1631	1524	1400	2013
(WY)	2001	2001	2001	2001	2001	1999	1995	2001	2000	2000	1999	1993

SUMMARY STATISTICS

FOR 2000 CALENDAR YEAR

FOR 2001 WATER YEAR

WATER YEARS 1991 - 2001

ANNUAL TOTAL	1657667	1082537										
ANNUAL MEAN	4529	2966								7705		
HIGHEST ANNUAL MEAN										11960		1993
LOWEST ANNUAL MEAN										2966		2001
HIGHEST DAILY MEAN				27600	Feb 1		24300	Mar 31		70200		Mar 21 1998
LOWEST DAILY MEAN				48	Jul 10		277	Aug 13		48		Jul 10 2000
ANNUAL SEVEN-DAY MINIMUM				744	Jun 29		903	Oct 11		744		Jun 29 2000
MAXIMUM PEAK FLOW							25800	Mar 31		a 88200		Oct 26 1990
MAXIMUM PEAK STAGE							76.36	Mar 31		a 87.51		Oct 26 1990
ANNUAL RUNOFF (CFSM)				0.596			0.390			1.01		
ANNUAL RUNOFF (INCHES)				8.11			5.30			13.78		
10 PERCENT EXCEEDS				10500			5280			15500		
50 PERCENT EXCEEDS				2800			2410			5070		
90 PERCENT EXCEEDS				753			756			1380		

a From discharge measurement made prior to gage installation.

PEE DEE RIVER BASIN

02130561 PEE DEE RIVER NEAR BENNETTSVILLE, SC--Continued

Discharge, cubic feet per second
WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	535	606	586	e2940	6310	5160	3500	2630	3840	393	1270	1780
2	1890	543	552	e2160	6270	3080	5560	455	1500	3230	936	5950
3	576	597	533	4460	2360	1840	6990	302	1840	3000	826	4280
4	354	558	624	6340	2520	3560	6800	e2400	2760	2570	991	1430
5	437	509	766	4340	e6040	7180	5510	1370	1190	804	841	1130
6	385	494	645	1060	4030	8360	1690	495	644	666	832	1010
7	526	522	639	1390	5870	5830	1520	1620	1320	610	860	1050
8	666	479	1970	3880	7480	1820	1670	1300	1770	563	887	1030
9	559	457	1370	3670	9020	873	3350	2820	389	2030	905	948
10	475	515	615	2730	6510	810	3130	1510	586	2870	1010	939
11	518	531	3100	e1800	3690	1100	3630	2000	1990	2490	911	968
12	462	497	3500	e2240	5950	3230	3660	1070	1960	734	851	927
13	404	469	2080	1460	5530	4250	3340	462	1720	618	942	928
14	484	491	1260	1200	5230	4910	1330	e2270	2570	731	925	1040
15	502	508	744	2660	4580	3420	2360	2300	1930	715	919	1100
16	1320	475	1050	1850	3520	3280	3280	594	446	623	858	1060
17	1010	518	890	1970	1210	3150	3540	1640	128	1930	957	1310
18	643	501	2540	2420	1880	3100	3520	3080	837	1900	1000	1130
19	573	482	3820	1750	4230	1440	2200	1320	1930	2790	880	1260
20	431	484	3120	3570	4250	1980	533	1160	2240	819	909	1430
21	693	470	3110	6720	3320	2440	343	807	807	658	930	1370
22	701	455	2830	e7890	1770	5960	357	229	2890	617	810	1210
23	572	483	764	e4950	1430	5510	3360	1710	1090	619	887	1110
24	553	594	546	12200	426	4500	2060	2040	364	971	891	1030
25	706	658	524	17300	846	2510	2410	3410	2280	2250	947	e1070
26	495	657	623	14200	2260	4620	1050	769	2690	2480	927	e1050
27	446	674	1940	e9650	3200	5800	405	260	584	2610	1130	e1110
28	396	680	2440	6220	5620	5030	289	210	897	1220	1210	e1640
29	490	609	2940	2020	---	5540	906	3370	2460	1030	1300	e1150
30	786	583	911	2650	---	5840	3610	655	1180	635	1130	1090
31	724	---	982	5110	---	2800	---	1590	---	1450	1350	---
TOTAL	19312	16099	48014	142800	115352	118923	81903	45848	46832	44626	30022	42530
MEAN	623	537	1549	4606	4120	3836	2730	1479	1561	1440	968	1418
MAX	1890	680	3820	17300	9020	8360	6990	3410	3840	3230	1350	5950
MIN	354	455	524	1060	426	810	289	210	128	393	810	927
CFSM	0.08	0.07	0.20	0.61	0.54	0.50	0.36	0.19	0.21	0.19	0.13	0.19
IN.	0.09	0.08	0.24	0.70	0.56	0.58	0.40	0.22	0.23	0.22	0.15	0.21

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1991 - 2002, BY WATER YEAR (WY)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	4763	5066	5969	12400	12200	14380	11040	6415	5060	4322	4136	3905
MAX	12680	15270	11130	26800	25820	35510	22940	12620	11280	11140	10470	8315
(WY)	1996	1996	1997	1998	1998	1993	1993	1997	1992	1997	1994	1996
MIN	623	537	1549	2723	3187	3836	2730	1479	1561	1440	968	1418
(WY)	2002	2002	2002	2001	2001	2002	2002	2002	2002	2002	2002	2002

SUMMARY STATISTICS FOR 2001 CALENDAR YEAR FOR 2002 WATER YEAR WATER YEARS 1991 - 2002

ANNUAL TOTAL	988367	752261	
ANNUAL MEAN	2708	2061	
HIGHEST ANNUAL MEAN			11960 1993
LOWEST ANNUAL MEAN			2061 2002
HIGHEST DAILY MEAN	24300	Mar 31	17300 Jan 25 70200 Mar 21 1998
LOWEST DAILY MEAN	277	Aug 13	128 Jun 17 48 Jul 10 2000
ANNUAL SEVEN-DAY MINIMUM	484	Nov 16	484 Nov 16 2001
MAXIMUM PEAK FLOW			18000 Jan 25 a 88200 Oct 26 1990
MAXIMUM PEAK STAGE			70.98 Jan 25 a 87.51 Oct 26 1990
ANNUAL RUNOFF (CFSM)	0.356	0.271	0.946
ANNUAL RUNOFF (INCHES)	4.84	3.68	12.86
10 PERCENT EXCEEDS	5280	4930	14700
50 PERCENT EXCEEDS	2130	1210	4650
90 PERCENT EXCEEDS	518	491	1060

a From discharge measurement made prior to gage installation.

PEE DEE RIVER BASIN

02130561 PEE DEE RIVER NEAR BENNETTSVILLE, SC--Continued

Discharge, cubic feet per second
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e1110	6200	1460	11900	8420	36600	16500	9430	13800	7440	7570	4280
2	1020	5270	2380	14300	6730	31200	14400	8230	14000	13300	10600	5290
3	e940	2340	5560	16500	4370	31500	13500	7850	12200	25700	12400	6440
4	e910	2230	6330	12700	5340	26600	11400	8660	10200	24200	10200	6680
5	e976	5340	6610	10700	4660	19500	10000	11200	11500	19600	12300	6660
6	e1030	e6700	9430	7330	3220	19000	9810	16200	17800	15400	25200	10900
7	e922	7550	15200	5750	6270	41500	9110	28100	19700	12200	22800	13600
8	e916	8380	9990	8020	10700	45600	15600	26900	29200	13100	16200	11000
9	e982	7160	6140	7390	12900	32900	27900	19300	46400	15500	17500	10500
10	e1010	3250	8060	5760	11300	24000	51600	13900	49900	11900	19600	9790
11	e1770	2590	9320	5010	10200	18100	76100	10800	37900	9430	23800	8650
12	e8450	5720	10700	4930	7980	14600	118000	9540	28700	8690	27900	7960
13	e13400	11700	13700	5400	7860	12200	113000	8460	21400	8960	26600	6300
14	e10300	19400	24500	6510	8630	9740	81000	7260	16400	11600	18100	3930
15	8840	15100	29700	6170	8830	8180	47500	6780	13400	13300	14800	1670
16	6380	14300	24600	6400	9440	8660	28800	5800	12400	11400	14800	4360
17	e6740	14200	18700	7590	12200	14300	20900	4770	17900	9690	17100	6770
18	e8010	25000	14400	7060	15700	23100	16400	3720	25900	10100	17200	5310
19	e7090	25700	12600	3840	13900	23000	16100	2120	27000	10000	13700	5490
20	e4800	18800	11800	4890	12200	21100	26100	3010	36300	13600	12000	5920
21	e2800	13900	11700	4070	11100	56700	30300	6470	29200	11500	10800	3880
22	e1460	12700	11600	5980	10300	90100	26000	7590	21200	9610	9490	2880
23	3230	11400	11000	6150	19100	102000	17700	20500	18100	8940	8660	4900
24	5510	8580	10600	7790	29000	75800	12800	41200	13200	8700	5320	8090
25	3900	7770	15400	8280	25900	49300	11200	35500	10500	8630	5310	19100
26	3820	5080	30300	6510	23600	30500	10800	42600	9460	8470	7200	14500
27	2150	6940	28200	5970	18300	21200	10400	46800	8770	8140	7820	10100
28	1130	6190	21000	7820	27000	16700	11000	37300	5380	7660	8060	7880
29	3640	3430	15200	3720	---	14000	9870	26200	2350	6920	8130	7150
30	4770	3460	12900	3200	---	e11100	9480	19200	2700	6890	7330	6790
31	5460	---	12200	6370	---	e12400	---	15800	---	7010	4940	---
TOTAL	123466	286380	421280	224010	345150	941180	873270	511190	582860	357580	423430	226770
MEAN	3983	9546	13590	7226	12330	30360	29110	16490	19430	11530	13660	7559
MAX	13400	25700	30300	16500	29000	102000	118000	46800	49900	25700	27900	19100
MIN	910	2230	1460	3200	3220	8180	9110	2120	2350	6890	4940	1670
CFSM	0.52	1.26	1.79	0.95	1.62	3.99	3.83	2.17	2.56	1.52	1.80	0.99
IN.	0.60	1.40	2.06	1.10	1.69	4.61	4.27	2.50	2.85	1.75	2.07	1.11

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1991 - 2003, BY WATER YEAR (WY)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	4698	5439	6555	12010	12210	15610	12430	7190	6166	4877	4868	4186
MAX	12680	15270	13590	26800	25820	35510	29110	16490	19430	11530	13660	8315
(WY)	1996	1996	2003	1998	1998	1993	2003	2003	2003	2003	2003	1996
MIN	623	537	1549	2723	3187	3836	2730	1479	1561	1440	968	1418
(WY)	2002	2002	2002	2001	2001	2002	2002	2002	2002	2002	2002	2002

SUMMARY STATISTICS

FOR 2002 CALENDAR YEAR

FOR 2003 WATER YEAR

WATER YEARS 1991 - 2003

ANNUAL TOTAL	1499962	5316566	
ANNUAL MEAN	4109	14570	7807
HIGHEST ANNUAL MEAN			14570
LOWEST ANNUAL MEAN			2061
HIGHEST DAILY MEAN	30300	Dec 26	118000
LOWEST DAILY MEAN	128	Jun 17	910
ANNUAL SEVEN-DAY MINIMUM	877	Aug 3	954
MAXIMUM PEAK FLOW			124000
MAXIMUM PEAK STAGE			89.94
ANNUAL RUNOFF (CFSM)	0.541		1.92
ANNUAL RUNOFF (INCHES)	7.34		26.02
10 PERCENT EXCEEDS	10400		28100
50 PERCENT EXCEEDS	2270		10500
90 PERCENT EXCEEDS	790		3830

02130561 PEE DEE RIVER NEAR BENNETTSVILLE, SC--Continued

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5810	3010	4120	6520	2850	10500	6710	6040	1570	5200	4340	9690
2	5000	1010	5990	5920	2390	12300	6310	3170	2600	3710	3830	8210
3	3000	752	6300	5410	2560	14900	4080	6690	2540	6250	3790	6350
4	1040	2170	6890	2450	3470	13100	2610	9190	2540	4520	3770	4970
5	671	2950	7100	2000	6180	11700	3360	7480	2930	3450	5340	2310
6	618	4020	6760	6490	7450	10700	5670	7000	827	4100	5110	2010
7	3490	3780	7540	6530	7750	8200	5200	6860	611	5680	3340	5690
8	3750	3850	7390	6010	10900	7320	4800	5350	3470	5750	1390	23300
9	5500	1760	5710	5610	10800	7310	5790	4290	4300	4980	1240	54700
10	5390	1220	5460	6430	10100	8380	4760	6610	3080	3940	6590	69700
11	4600	3810	4550	4580	10100	7340	3320	6740	3470	1460	4930	62300
12	2910	4340	5390	4520	10000	7550	4350	6660	3050	1370	3520	42300
13	2190	4680	6820	4890	11400	7860	6240	4910	1700	4080	7970	27000
14	6010	5980	6870	4830	12400	5710	6750	4250	750	4880	8740	19800
15	6390	4800	7940	5520	10700	4910	8520	1150	1310	5730	9310	18000
16	5790	1480	8720	5630	10300	7260	8740	864	3730	4570	9430	17700
17	5250	1520	8500	5160	11300	6780	8680	796	4710	4850	7280	13200
18	4330	5340	7590	2450	10900	7280	6290	3300	5150	1510	5800	13600
19	2410	6450	6030	2100	9960	8000	5680	4460	4650	1150	6180	13100
20	2630	8150	4820	5560	9560	6790	4950	5060	3470	3160	6120	9260
21	4330	8890	5620	5130	9360	4170	5920	4910	1320	3500	5890	4910
22	4820	8650	4820	5270	7210	3840	6200	4200	4650	4580	3040	5780
23	4990	5800	5540	6130	7590	6270	6230	1040	5940	5110	2110	5670
24	3680	3930	5910	5990	7350	6650	5400	2610	7390	4860	2070	5430
25	3400	4640	5200	4980	7840	7860	4480	3940	7950	1530	2520	5170
26	2380	4850	5070	5270	8410	6270	3160	3700	4850	1100	3630	4160
27	3950	5270	5560	5910	9040	4310	5790	3370	3840	3010	4600	5980
28	4310	5340	5100	5720	9630	2870	6380	1880	5930	3510	4570	8870
29	6080	5710	5460	4920	10100	3190	5420	2440	5590	6130	1930	41000
30	6490	4460	5730	4680	---	5320	5090	833	4820	7480	6900	59700
31	6490	---	6260	3650	---	7000	---	659	---	4170	7530	---
TOTAL	127699	128612	190760	156260	247600	231640	166880	130452	108738	125320	152810	569860
MEAN	4119	4287	6154	5041	8538	7472	5563	4208	3625	4043	4929	19000
MAX	6490	8890	8720	6530	12400	14900	8740	9190	7950	7480	9430	69700
MIN	618	752	4120	2000	2390	2870	2610	659	611	1100	1240	2010
CFSM	0.54	0.56	0.81	0.66	1.12	0.98	0.73	0.55	0.48	0.53	0.65	2.50
IN.	0.63	0.63	0.93	0.76	1.21	1.13	0.82	0.64	0.53	0.61	0.75	2.79

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1991 - 2004, BY WATER YEAR (WY)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	4653	5350	6526	11510	11940	15030	11940	6977	5984	4817	4873	5244
MAX	12680	15270	13590	26800	25820	35510	29110	16490	19430	11530	13660	19000
(WY)	1996	1996	2003	1998	1998	1993	2003	2003	2003	2003	2003	2004
MIN	623	537	1549	2723	3187	3836	2730	1479	1561	1440	968	1418
(WY)	2002	2002	2002	2001	2001	2002	2002	2002	2002	2002	2002	2002

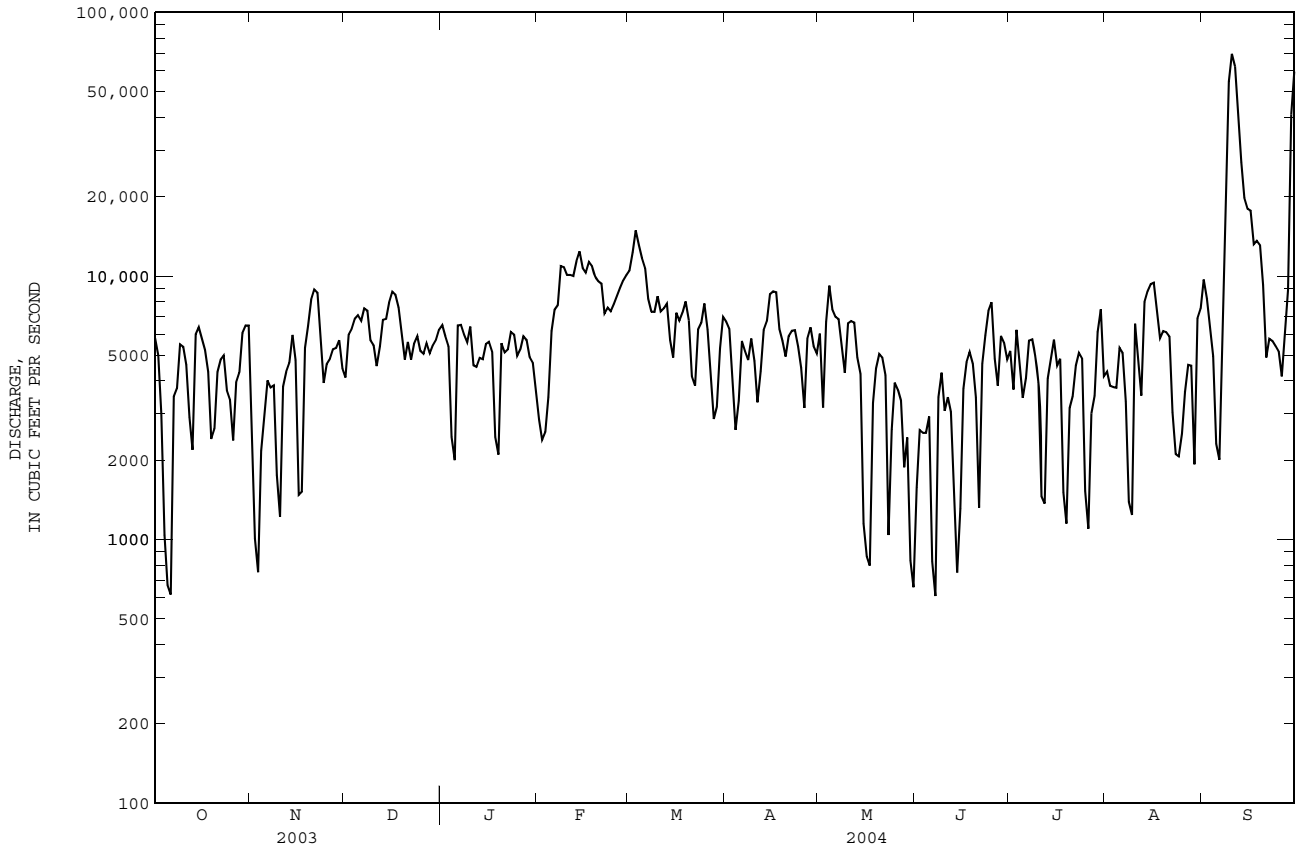
SUMMARY STATISTICS FOR 2003 CALENDAR YEAR FOR 2004 WATER YEAR WATER YEARS 1991 - 2004

ANNUAL TOTAL	4932511	2336631	
ANNUAL MEAN	13510	6384	
HIGHEST ANNUAL MEAN			7697
LOWEST ANNUAL MEAN			14570
HIGHEST DAILY MEAN	118000	Apr 12	2003
LOWEST DAILY MEAN	618	Oct 6	2002
ANNUAL SEVEN-DAY MINIMUM	2510	Oct 2	2003
MAXIMUM PEAK FLOW		69700	Sep 10
MAXIMUM PEAK STAGE		611	Jun 7
ANNUAL RUNOFF (CFSM)	1.78	1790	May 28
ANNUAL RUNOFF (INCHES)	24.14	72500	Sep 10
10 PERCENT EXCEEDS	27400	86.44	Sep 10
50 PERCENT EXCEEDS	8660	0.840	89.94
90 PERCENT EXCEEDS	3870	11.44	1.01
			13.76
			15500
			5060
			1160

e Estimated

PEE DEE RIVER BASIN

02130561 PEE DEE RIVER NEAR BENNETTSVILLE, SC--Continued

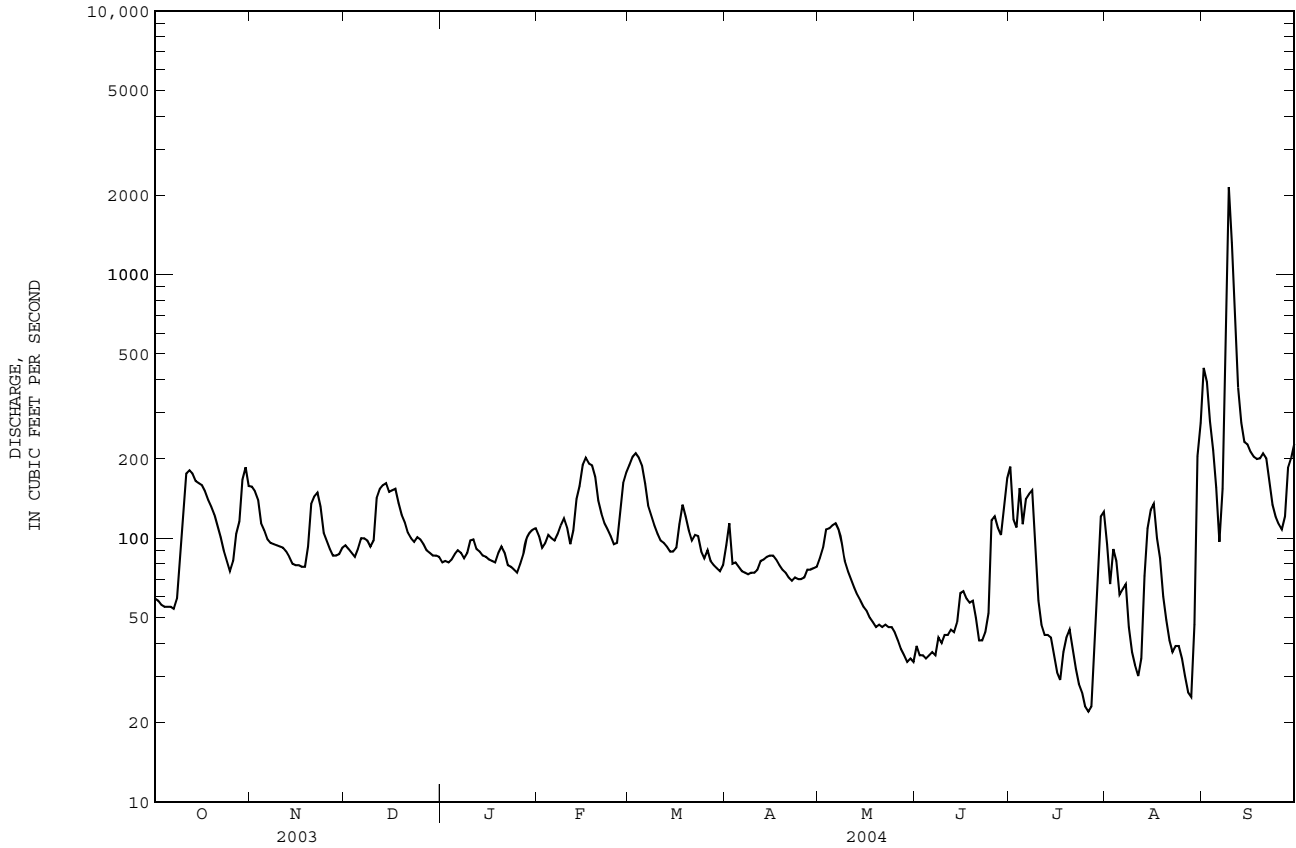


PEE DEE RIVER BASIN

02130900 BLACK CREEK NEAR MCBEE, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1960 - 2004	
ANNUAL TOTAL	61461		41111			
ANNUAL MEAN	168		112		153	
HIGHEST ANNUAL MEAN					265	1998
LOWEST ANNUAL MEAN					53.0	2002
HIGHEST DAILY MEAN	1000	Apr 12	2150	Sep 9	2460	Oct 13 1990
LOWEST DAILY MEAN	54	Oct 7	22	Jul 26	9.7 a	Aug 13 2002
ANNUAL SEVEN-DAY MINIMUM	56	Oct 1	27	Jul 21	11	Aug 8 2002
MAXIMUM PEAK FLOW			2430	Sep 9	b 4500	Oct 12 1990
MAXIMUM PEAK STAGE			11.93	Sep 9	13.07	Oct 12 1990
ANNUAL RUNOFF (CFSM)	1.56		1.04		1.41	
ANNUAL RUNOFF (INCHES)	21.17		14.16		19.21	
10 PERCENT EXCEEDS	287		177		278	
50 PERCENT EXCEEDS	137		91		130	
90 PERCENT EXCEEDS	76		41		45	

a Also occurred Aug. 28-30, 2002.
 b From rating curve extended above 1,800 ft³/s.
 e Estimated

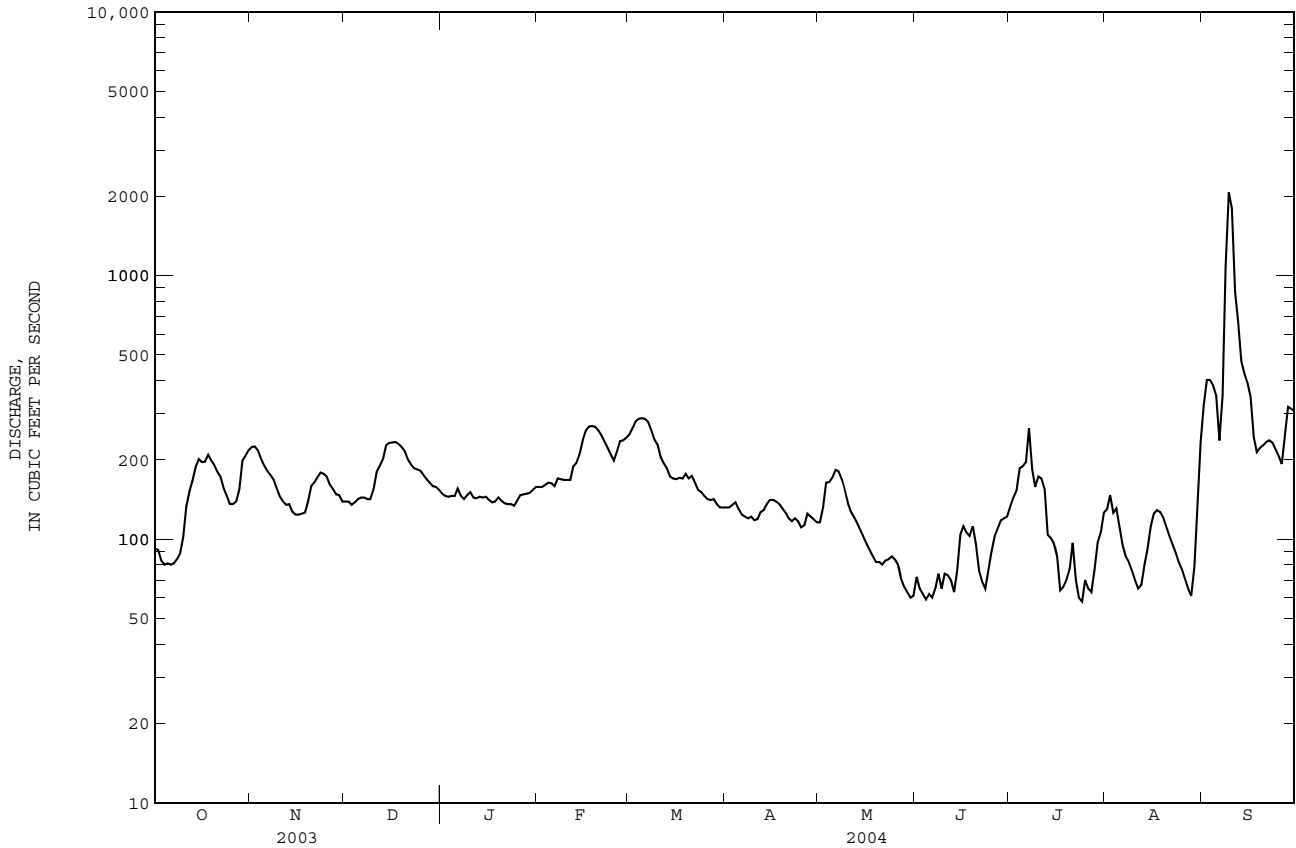


PEE DEE RIVER BASIN

02130910 BLACK CREEK NEAR HARTSVILLE, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1961 - 2004	
ANNUAL TOTAL	79424		61963		216	
ANNUAL MEAN	218		169		358	
HIGHEST ANNUAL MEAN					79.3	
LOWEST ANNUAL MEAN					1998	
HIGHEST DAILY MEAN	834	Apr 13	2070	Sep 9	2890	Oct 13 1990
LOWEST DAILY MEAN	80	Oct 4	58	Jul 24	6.1	Aug 11 2002
ANNUAL SEVEN-DAY MINIMUM	82	Oct 3	63	May 30	8.3	Aug 6 2002
MAXIMUM PEAK FLOW			2930	Sep 9	a 4450	Oct 13 1990
MAXIMUM PEAK STAGE			11.36	Sep 9	12.35	Oct 13 1990
ANNUAL RUNOFF (CFSM)	1.26		0.979		1.25	
ANNUAL RUNOFF (INCHES)	17.08		13.32		16.98	
10 PERCENT EXCEEDS	340		240		364	
50 PERCENT EXCEEDS	190		144		188	
90 PERCENT EXCEEDS	121		76		91	

a From rating curve extended above 2,200 ft³/s.

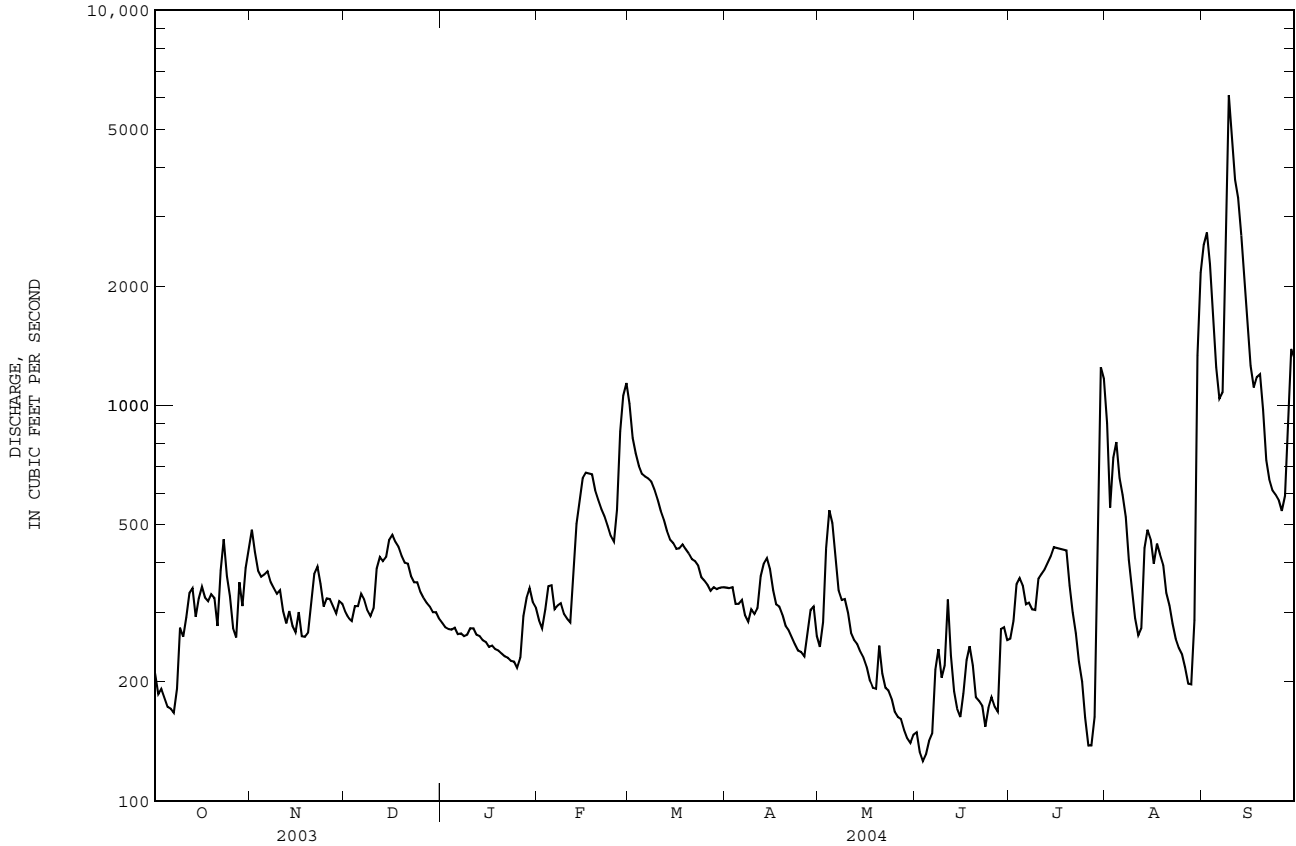


PEE DEE RIVER BASIN

02130980 BLACK CREEK NEAR QUINBY, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 2002 - 2004	
ANNUAL TOTAL	194304		172546			
ANNUAL MEAN	532		471		397	
HIGHEST ANNUAL MEAN					530	2003
LOWEST ANNUAL MEAN					189	2002
HIGHEST DAILY MEAN	1990	Mar 22	6090	Sep 9	6090	Sep 9 2004
LOWEST DAILY MEAN	167	Oct 7	126	Jun 3	48	Aug 13 2002
ANNUAL SEVEN-DAY MINIMUM	180	Oct 2	138	May 30	53	Aug 9 2002
MAXIMUM PEAK FLOW			6450		6450	Sep 9 2004
MAXIMUM PEAK STAGE			16.80		16.80	Sep 9 2004
ANNUAL RUNOFF (CFSM)	1.22		1.08		0.906	
ANNUAL RUNOFF (INCHES)	16.50		14.65		12.31	
10 PERCENT EXCEEDS	862		730		687	
50 PERCENT EXCEEDS	422		321		298	
90 PERCENT EXCEEDS	274		191		141	

e Estimated



02130980 BLACK CREEK NEAR QUINBY, SC--Continued

PRECIPITATION RECORDS

PERIOD OF RECORD.--October 2001 to current year.

INSTRUMENTATION.--Tipping bucket raingage and data collection platform.

REMARKS.--Precipitation data collected during freezing periods may not be accurately reflected in daily record; consequently, winter record is poor.

Precipitation, total, inches
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	---	---	0.00	0.00	0.00	0.01	0.15	0.00	0.00	0.40	0.37
2	0.00	---	---	0.00	0.01	0.00	0.00	0.80	0.00	0.69	0.79	0.00
3	0.00	---	---	0.00	0.29	0.00	0.00	0.39	0.05	0.39	0.01	0.00
4	0.00	---	---	0.00	0.00	0.00	0.00	0.00	0.30	0.00	0.18	0.00
5	0.00	---	---	0.02	0.00	0.00	0.00	0.00	0.06	0.02	0.73	0.00
6	0.00	---	0.00	0.00	---	0.01	0.00	0.00	0.03	0.00	0.13	0.02
7	0.01	---	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	2.95
8	1.04	---	0.00	0.00	---	0.00	0.00	0.01	0.00	0.00	0.00	0.55
9	0.00	---	0.00	0.25	---	0.02	0.00	0.00	0.24	0.00	0.00	0.00
10	0.65	---	0.84	0.00	---	0.00	0.09	0.00	0.00	0.00	---	0.00
11	0.35	---	0.00	0.00	---	0.00	0.44	0.00	0.00	1.00	0.00	0.00
12	0.00	0.00	0.00	0.00	---	0.00	1.07	0.60	0.00	1.35	2.14	0.00
13	0.00	---	0.24	0.00	---	0.00	0.24	0.00	0.00	0.00	0.19	0.00
14	0.23	---	0.40	0.00	1.15	0.00	0.05	0.00	0.00	0.00	0.03	0.08
15	0.00	---	0.00	0.00	0.28	0.00	0.00	0.00	0.18	0.00	0.35	0.00
16	0.00	---	0.03	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.01
17	---	0.00	0.07	0.00	0.34	0.00	0.00	0.00	0.00	1.55	0.00	0.31
18	---	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.50	0.03	0.00	0.00
19	---	---	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.00	0.00
20	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	---	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
22	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.45	0.00	0.00
23	---	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.48	0.10	0.00	0.00
24	---	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	---	---	0.00	0.01	0.00	0.00	0.00	0.00	0.46	0.00	0.00	0.00
26	---	---	0.00	0.00	1.78	0.00	0.62	0.00	0.05	0.00	0.10	0.00
27	---	0.00	0.00	0.24	0.28	0.00	0.09	0.00	0.79	0.00	0.46	2.15
28	---	---	0.00	0.51	0.00	0.00	0.00	0.00	0.10	1.22	0.00	0.03
29	---	---	0.00	0.04	0.00	0.00	0.00	0.07	0.01	0.78	4.31	0.00
30	---	---	0.00	0.00	---	0.17	0.00	0.16	0.62	0.02	0.30	0.00
31	---	---	0.00	0.00	---	0.05	---	0.00	---	0.01	0.67	---
TOTAL	---	---	---	1.10	---	0.35	2.61	2.41	3.87	7.61	---	6.47

PEE DEE RIVER BASIN

02131000 PEE DEE RIVER AT PEE DEE, SC

LOCATION.--Lat 34°12'15'', long 79°32'55'', Marion County, Hydrologic Unit 03040201, at downstream side of downstream bridge on U.S. Highway 76 at Pee Dee, 0.2 mi downstream from Seaboard Coast Line Railroad bridge, 8.2 mi downstream from Black Creek, and at mile 100.2

DRAINAGE AREA.--8,830 mi², approximately.

PERIOD OF RECORD.--October 1938 to current year. Monthly discharge only for some periods, published in WSP 1303. Prior to October 1947, published as near Mars Bluff. Gage-height records collected at practically same site since 1923 are contained in reports of National Weather Service.

GAGE.--Data collection platform. Datum of gage is 24.73 ft above NGVD of 1929. Prior to Oct. 1, 1947, at site 1.6 mi downstream at datum 1.27 ft lower.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Flow regulated by six powerplants above station (combined usable capacity of reservoirs, 30,819,624,000 ft³).

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10200	9630	6710	e8840	5330	12600	6910	6310	1260	5900	6240	e11500
2	8720	6680	6340	e9100	4160	13100	7340	6720	1720	5740	5550	e13500
3	7270	3720	7840	e8720	3620	14100	6860	5080	2920	4850	4780	13100
4	5000	2740	8570	e7480	3670	15300	4920	7620	3060	6460	4470	11800
5	2710	3690	9360	e4940	4770	15300	3170	10300	3140	5600	4680	9250
6	1920	4840	9680	e4190	7290	14700	3550	9840	3300	4270	6150	5730
7	1810	5870	9690	7450	8800	13600	5640	9260	1950	4620	5830	3890
8	4040	5950	10200	8370	9560	11300	5620	8800	1390	5990	4110	9470
9	5140	5550	10200	8200	11700	9850	5510	7170	3650	6330	2260	18000
10	6840	3800	8870	7890	12300	9080	6140	6200	4850	5630	e1330	20100
11	7340	3120	8230	8220	12300	9120	5240	7810	4140	4400	5420	23000
12	6590	5130	7330	6880	12400	8600	4010	8330	4320	2470	5170	26500
13	4840	e6800	7950	6450	12600	8430	5060	8440	3820	1780	4220	32100
14	4110	e7540	9350	6620	13600	8470	6900	7010	2540	3750	7580	37400
15	7290	7810	9990	6590	14600	6610	7890	5510	1730	4890	9220	37300
16	8370	6810	11000	7090	14500	5770	9360	2860	1740	5690	10100	33400
17	8220	3870	11800	7370	14300	7240	10000	1680	4060	5050	10300	29600
18	7710	3250	e12200	6800	14500	7380	10100	1520	5420	4590	8740	26600
19	6420	6640	e11400	4420	14300	7820	8280	3420	5990	2450	7150	24200
20	4470	8600	e10000	3610	13600	8350	6870	5140	5610	1480	6800	22200
21	4400	10400	e8640	6440	12800	7410	6250	6170	4230	2590	6620	19700
22	5960	11500	e8400	6740	12100	5160	6770	6260	2600	3470	5960	16900
23	6700	11700	e8010	6860	10200	4420	7100	5250	4690	4360	3730	14800
24	6990	9490	e8310	7660	9430	6170	7260	2680	6510	4990	2310	12800
25	6040	7040	e8620	7670	8820	7000	6510	3100	8090	4680	1850	11200
26	5280	6810	e8210	6930	8940	7960	5330	4520	8760	2360	2170	9480
27	4360	6990	e7890	6980	9830	7020	4370	4470	6560	1260	3190	8160
28	5540	7350	e8030	7530	11000	5040	6230	4010	4920	2280	4100	9550
29	6820	7580	e7770	7510	12000	3290	7190	2870	6380	3450	4110	13800
30	8710	7890	e8030	6880	---	3340	6740	2930	6610	6170	3440	18600
31	9620	---	e8400	6480	---	5400	---	1880	---	7840	8000	---
TOTAL	189430	198790	277020	216910	303020	268930	193120	173160	125960	135390	165580	543630
MEAN	6111	6626	8936	6997	10450	8675	6437	5586	4199	4367	5341	18120
MAX	10200	11700	12200	9100	14600	15300	10100	10300	8760	7840	10300	37400
MIN	1810	2740	6340	3610	3620	3290	3170	1520	1260	1260	1330	3890
CFSM	0.69	0.75	1.01	0.79	1.18	0.98	0.73	0.63	0.48	0.49	0.60	2.05
IN.	0.80	0.84	1.17	0.91	1.28	1.13	0.81	0.73	0.53	0.57	0.70	2.29

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 2004, BY WATER YEAR (WY)

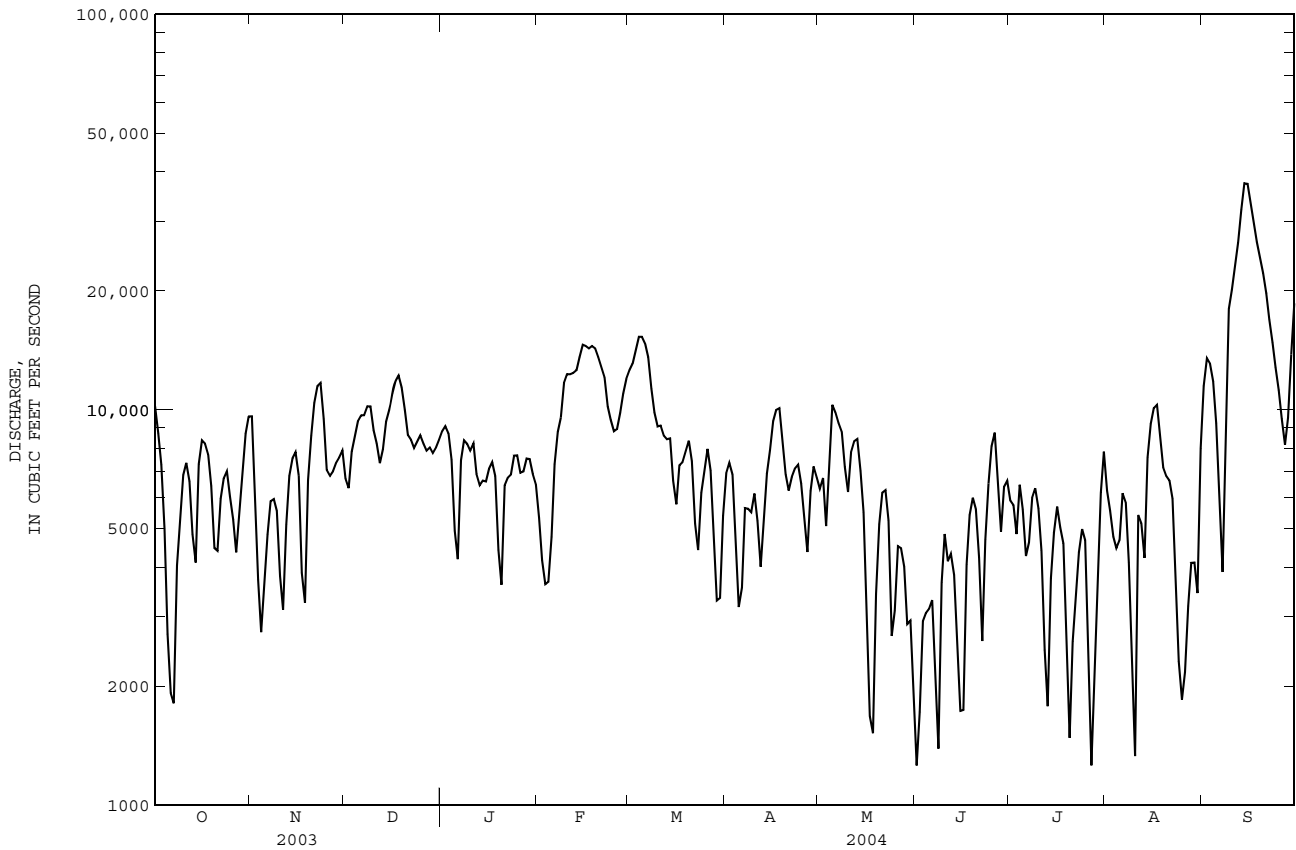
	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950
MEAN	6601	6639	8801	12560	15500	17190	14060	9125	7348	6482	6624	6655
MAX	29150	18760	22710	26840	44410	36910	31790	24620	22180	21520	16560	49130
(WY)	1965	1948	1949	1993	1960	1979	1984	1958	2003	1975	2003	1945
MIN	984	773	1916	3268	4042	5505	4055	2355	2079	1682	1107	1380
(WY)	2002	2002	2002	1956	2001	1981	1981	2002	2002	2002	2002	1954

02131000 PEE DEE RIVER AT PEE DEE, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1939 - 2004	
ANNUAL TOTAL	5613130		2790940		9769	
ANNUAL MEAN	15380		7626		16470	
HIGHEST ANNUAL MEAN					2778	
LOWEST ANNUAL MEAN					217000	
HIGHEST DAILY MEAN	97500	Apr 16	37400	Sep 14	217000	Sep 22 1945
LOWEST DAILY MEAN	1810	Oct 7	1260	a Jun 1	664	Oct 30 2001
ANNUAL SEVEN-DAY MINIMUM	3920	Oct 4	2380	May 29	701	Nov 15 2001
MAXIMUM PEAK FLOW			38200	b Sep 14	c 220000	Sep 22 1945
MAXIMUM PEAK STAGE			24.86	Sep 14	d 33.30	Sep 22 1945
ANNUAL RUNOFF (CFSM)	1.74		0.864		1.11	
ANNUAL RUNOFF (INCHES)	23.65		11.76		15.03	
10 PERCENT EXCEEDS	25200		12500		20000	
50 PERCENT EXCEEDS	13400		6810		6980	
90 PERCENT EXCEEDS	5620		3130		2860	

a Also occurred July 27.
 b Also occurred Sep. 15.
 c From rating curve extended above 76,000 ft³/s on basis of discharge measurement of 221,000 ft³/s at Cheraw.
 d At datum then in use.

e Estimated



PEE DEE RIVER BASIN

02131010 PEE DEE RIVER BELOW PEE DEE, SC

LOCATION.--Lat 34°08'41'', long 79°32'43'', Florence County, Hydrologic Unit 03040201, on right bank at Stone Container boat landing, 1.5 mi east of Oak Grove, 5.2 mi downstream of U.S. Highway 76 and 301, and at mile 95.0.

DRAINAGE AREA.--8,850 mi², approximately.

PERIOD OF RECORD.--October 1996 to current year.

GAGE.--Data collection platform. Elevation of gage is 19 ft above NGVD of 1929 (from topographic map).

REMARKS.--Records good except for estimated daily discharges, which are poor. Flow regulated by six powerplants above station (combined usable capacity of reservoirs, 30,819,624,000 ft³).

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10900	10500	7650	9030	5880	12400	6830	e6500	990	6400	e6610	11100
2	9540	7800	7030	9370	4570	12700	7260	6420	1270	6240	e5740	13100
3	8120	4520	8580	9090	3920	13300	6920	4830	2680	5230	5040	13100
4	5810	3150	9330	8200	3920	14000	4980	6940	2980	6810	4620	12100
5	3130	4080	10100	5490	4990	14100	3010	9610	3060	6150	4710	9950
6	2050	5460	10400	4190	7630	13800	3040	e9490	3350	4670	6260	6450
7	1740	6590	10400	7900	9210	13100	5440	e9580	1960	4830	6080	4290
8	4300	6750	10900	9020	9930	11600	5510	e9220	1080	6300	4340	e7870
9	5690	6430	10900	8910	11700	10200	5340	e7580	3260	6720	2210	e17600
10	7440	4550	9770	8590	12300	9420	5990	e6330	4980	6070	1330	e20400
11	8100	3540	9110	8900	12300	9350	5240	e7840	4310	4800	5000	e22800
12	7430	5670	8250	7650	12400	8860	3830	e8600	4420	2670	5390	e25900
13	5630	6950	8710	7060	12500	8670	4730	e8840	4070	1600	4150	e31100
14	4550	7430	10100	7240	13100	8700	6680	e7500	2540	3660	7460	e37000
15	7860	8560	10700	7200	13700	7010	7690	e5650	1700	5070	9220	e37300
16	9090	7800	11500	7700	13800	5830	9020	2640	e1660	5950	10100	e34300
17	9020	4650	12300	8020	13700	7370	9660	1270	e3810	5370	10300	e35000
18	8570	3550	12500	7520	13700	7550	9780	987	e5530	4920	9050	31100
19	7380	7150	11900	5080	13700	7930	8250	2830	6350	2620	7440	27200
20	5270	9290	10600	3790	13200	8440	6800	4800	6090	1350	7030	24000
21	4890	11000	9060	6830	12700	7660	6030	6020	4710	2260	6840	20000
22	6660	12000	8850	7340	12200	5390	6540	6190	2680	3410	6260	17000
23	7430	12200	8330	7430	10700	4310	6880	5290	4840	4460	3980	15300
24	7780	10400	8550	8210	9910	6130	7040	2600	6910	5120	2280	13700
25	6820	8010	8940	8320	9300	7000	6370	2610	8570	4980	1690	12200
26	6070	7600	8520	7570	9310	7970	5140	4370	9310	2480	1910	10600
27	4970	7780	8140	7540	10100	7180	4030	4470	7330	1100	3000	9230
28	6130	8150	8370	8090	11100	5210	5770	4020	5440	1880	4150	10400
29	7560	8390	8020	8130	11900	3200	e7440	2730	6710	3360	4340	13400
30	9440	8680	8250	7500	---	3000	e7060	2740	7170	e6000	3360	17000
31	10400	---	8600	7040	---	5150	---	1750	---	e8160	7860	---
TOTAL	209770	218630	294360	233950	303370	266530	188300	170247	129760	140640	167750	560490
MEAN	6767	7288	9495	7547	10460	8598	6277	5492	4325	4537	5411	18680
MAX	10900	12200	12500	9370	13800	14100	9780	9610	9310	8160	10300	37300
MIN	1740	3150	7030	3790	3920	3000	3010	987	990	1100	1330	4290
CFSM	0.76	0.82	1.07	0.85	1.18	0.97	0.71	0.62	0.49	0.51	0.61	2.11
IN.	0.88	0.92	1.24	0.98	1.28	1.12	0.79	0.72	0.55	0.59	0.71	2.36

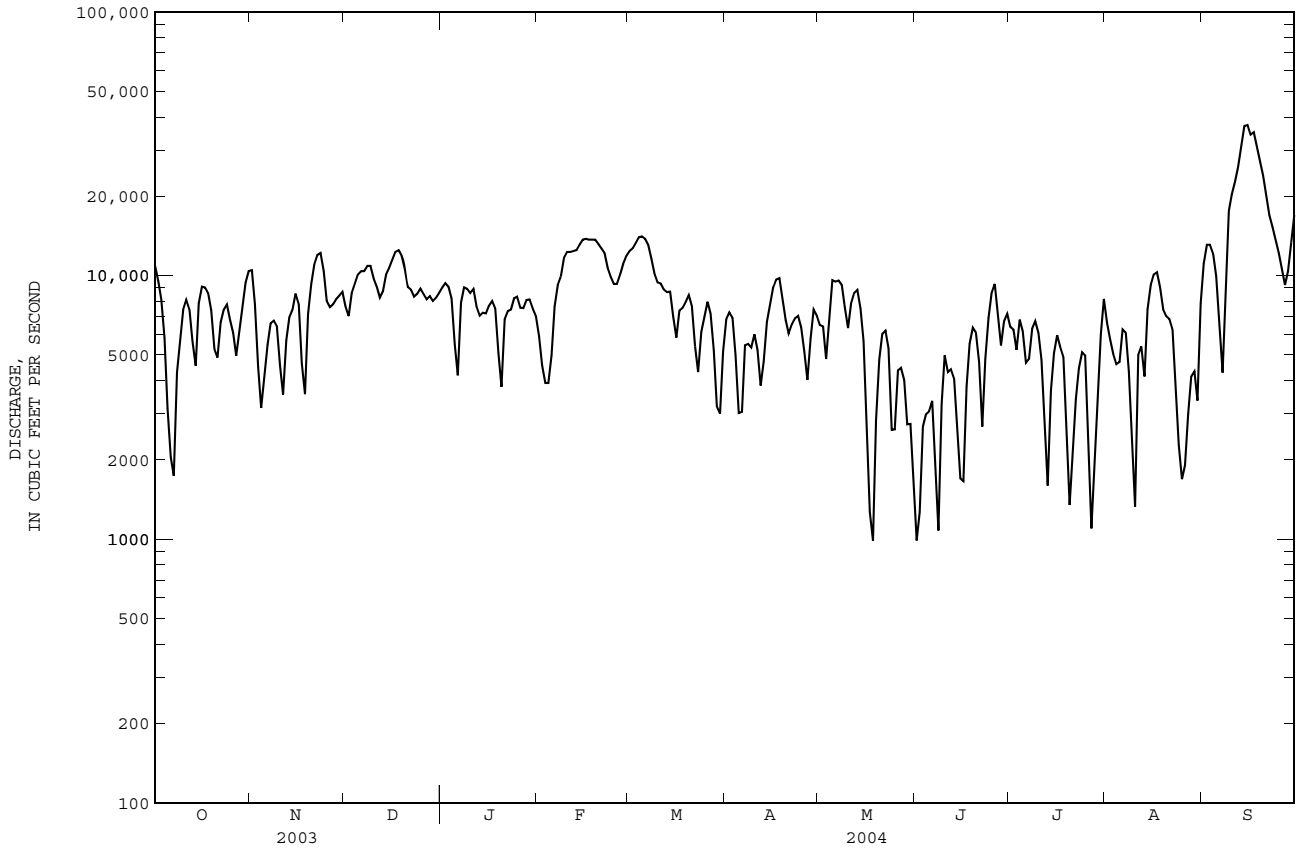
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1997 - 2004, BY WATER YEAR (WY)

	1997	1998	1999	2000	2001	2002	2003	2004
MEAN	5168	5224	7346	9910	13310	13540	11650	8312
MAX	9686	11170	13830	22580	30550	30570	32700	16720
(WY)	2000	2003	2003	1998	1998	2003	2003	2003
MIN	1068	778	1993	3575	4291	5747	4448	2357
(WY)	2002	2002	2002	2001	2001	2002	2001	2002

02131010 PEE DEE RIVER BELOW PEE DEE, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1997 - 2004	
ANNUAL TOTAL	5789530		2883797		8098	
ANNUAL MEAN	15860		7879		16390	
HIGHEST ANNUAL MEAN					2873	
LOWEST ANNUAL MEAN					96600	
HIGHEST DAILY MEAN	96600	Apr 16	e 37300	Sep 15	96600	Apr 16 2003
LOWEST DAILY MEAN	1740	Oct 7	987	May 18	671	Oct 30 2001
ANNUAL SEVEN-DAY MINIMUM	4310	Oct 4	2160	May 29	692	Nov 15 2001
MAXIMUM PEAK FLOW			37300		99000	
MAXIMUM PEAK STAGE			30.04		33.96	
ANNUAL RUNOFF (CFSM)	1.79		0.890		0.915	
ANNUAL RUNOFF (INCHES)	24.34		12.12		12.43	
10 PERCENT EXCEEDS	26900		12400		17700	
50 PERCENT EXCEEDS	13500		7250		5520	
90 PERCENT EXCEEDS	6140		3010		1680	

e Estimated



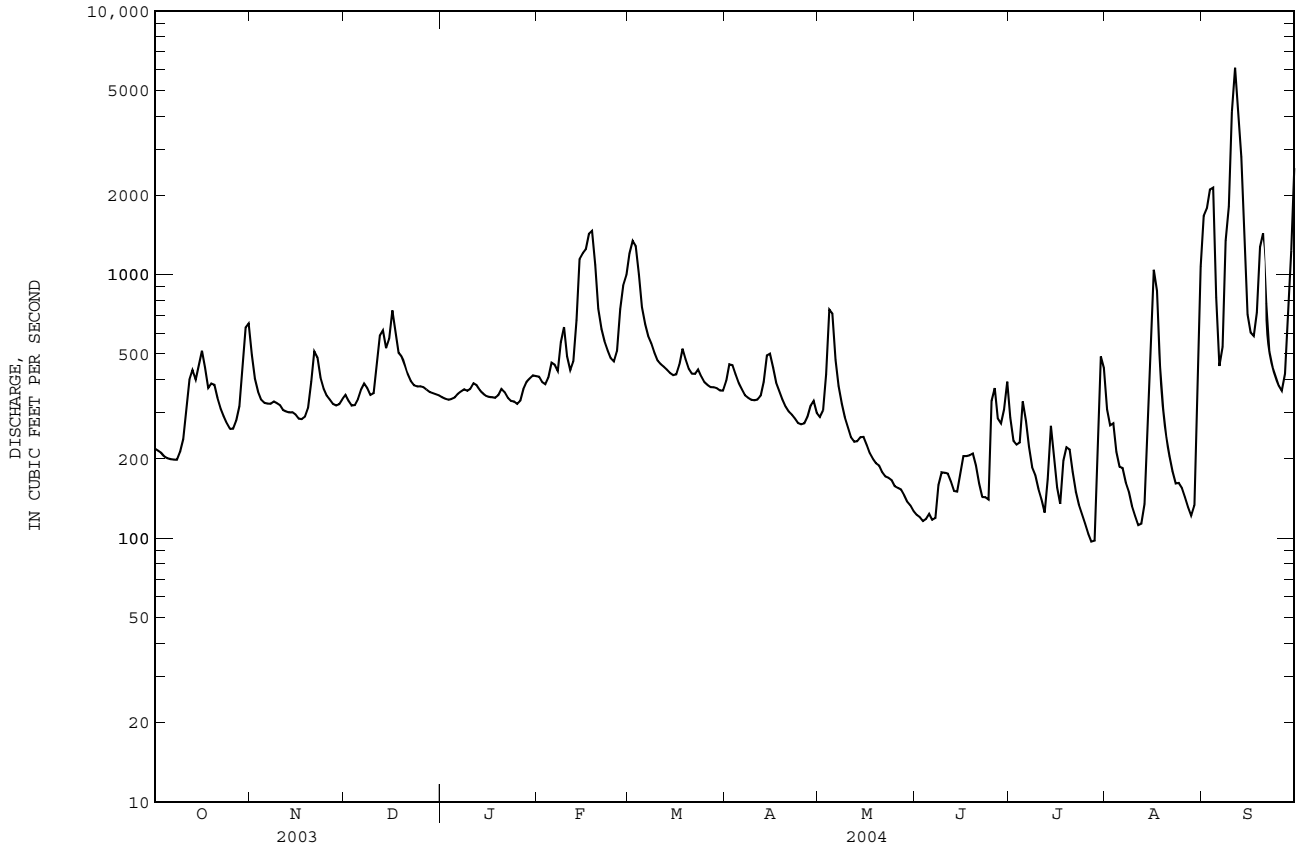
02131500 LYNCHES RIVER NEAR BISHOPVILLE, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1943 - 2004	
ANNUAL TOTAL	310649		166538		774	
ANNUAL MEAN	851		455		1215	
HIGHEST ANNUAL MEAN					1965	
LOWEST ANNUAL MEAN					403	
HIGHEST DAILY MEAN	6870	Apr 13	6100	Sep 11	27300	Sep 19 1945
LOWEST DAILY MEAN	199	Oct 7	97	Jul 27	33	Aug 13 2002
ANNUAL SEVEN-DAY MINIMUM	204	Oct 3	117	Jul 22	40	Aug 8 2002
MAXIMUM PEAK FLOW			6790		a 29400	
MAXIMUM PEAK STAGE			15.01		b 22.35	
ANNUAL RUNOFF (CFSM)	1.26		0.674		1.15	
ANNUAL RUNOFF (INCHES)	17.12		9.18		15.58	
10 PERCENT EXCEEDS	1780		734		1500	
50 PERCENT EXCEEDS	526		347		512	
90 PERCENT EXCEEDS	293		152		228	

a From rating curve extended above 12,000 ft³/s by velocity-area studies.

b From floodmarks.

e Estimated



PEE DEE RIVER BASIN

02132000 LYNCHES RIVER AT EFFINGHAM, SC

LOCATION.--Lat 34°03'05'', long 79°45'15'', Florence County, Hydrologic Unit 03040202, on left bank at downstream side of bridge on U.S. Highway 52, 75 ft upstream from Seaboard Coast Line Railroad Bridge, 1.0 mi south of Effingham, and at mile 43.4.

DRAINAGE AREA.--1,030 mi², approximately.

PERIOD OF RECORD.--October 1929 to current. Gage-height records collected at same site since 1891 are contained in reports of National Weather Service.

GAGE.--Data collection platform. Datum of gage is 58.49 ft above NGVD of 1929. Prior to Sept. 7, 1934, nonrecording gage at same site and datum.

REMARKS.--Records good except for estimated daily discharges, which are poor.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	270	598	395	456	591	1830	446	288	131	282	308	3150
2	255	676	392	445	589	1800	435	308	126	332	448	4340
3	241	740	400	437	604	1730	431	474	122	359	494	4290
4	232	694	409	430	626	1670	461	523	120	305	439	3530
5	227	590	439	425	618	1640	492	488	120	281	403	2700
6	221	603	439	421	602	1650	493	507	123	250	348	2310
7	217	524	433	419	619	1660	464	e585	123	264	289	2360
8	216	460	437	420	651	1610	431	e600	121	289	253	3550
9	215	430	455	431	657	1410	401	624	128	255	233	5440
10	214	422	475	449	649	1150	380	449	128	226	223	7190
11	222	416	548	453	674	981	364	350	143	204	207	6900
12	240	409	551	454	e826	871	401	304	154	279	193	5570
13	277	397	569	464	e982	789	523	295	154	215	215	4540
14	343	375	663	474	e1090	731	521	279	150	182	233	5590
15	424	363	786	468	1470	699	486	259	148	170	259	6170
16	455	355	836	451	e1210	678	500	242	149	202	278	5250
17	427	349	830	437	e1430	662	546	233	155	226	368	4250
18	458	339	819	432	e1680	641	546	222	168	268	492	3380
19	505	340	853	430	e1820	628	491	207	179	238	616	2610
20	474	365	856	428	1950	636	422	194	177	214	738	2060
21	424	381	761	426	1900	663	373	185	177	222	740	1620
22	422	417	681	436	1840	658	337	178	174	236	489	1440
23	399	482	628	439	1790	613	309	170	161	226	344	1430
24	361	553	583	423	1590	569	289	163	147	244	294	1470
25	334	565	547	408	1250	548	274	158	138	248	265	1390
26	312	511	521	417	1120	541	262	155	135	207	243	1060
27	295	462	507	452	1460	518	262	153	158	176	237	940
28	299	436	496	500	1690	490	261	150	273	163	221	1590
29	478	424	484	540	1780	469	260	145	323	166	289	1700
30	532	404	471	573	---	453	266	143	306	152	1430	1680
31	545	---	462	591	---	451	---	137	---	179	1860	---
TOTAL	10534	14080	17726	14029	33758	29439	12127	9168	4811	7260	13449	99500
MEAN	340	469	572	453	1164	950	404	296	160	234	434	3317
MAX	545	740	856	591	1950	1830	546	624	323	359	1860	7190
MIN	214	339	392	408	589	451	260	137	120	152	193	940
CFM	0.33	0.46	0.56	0.44	1.13	0.92	0.39	0.29	0.16	0.23	0.42	3.22
IN.	0.38	0.51	0.64	0.51	1.22	1.06	0.44	0.33	0.17	0.26	0.49	3.59

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 2004, BY WATER YEAR (WY)

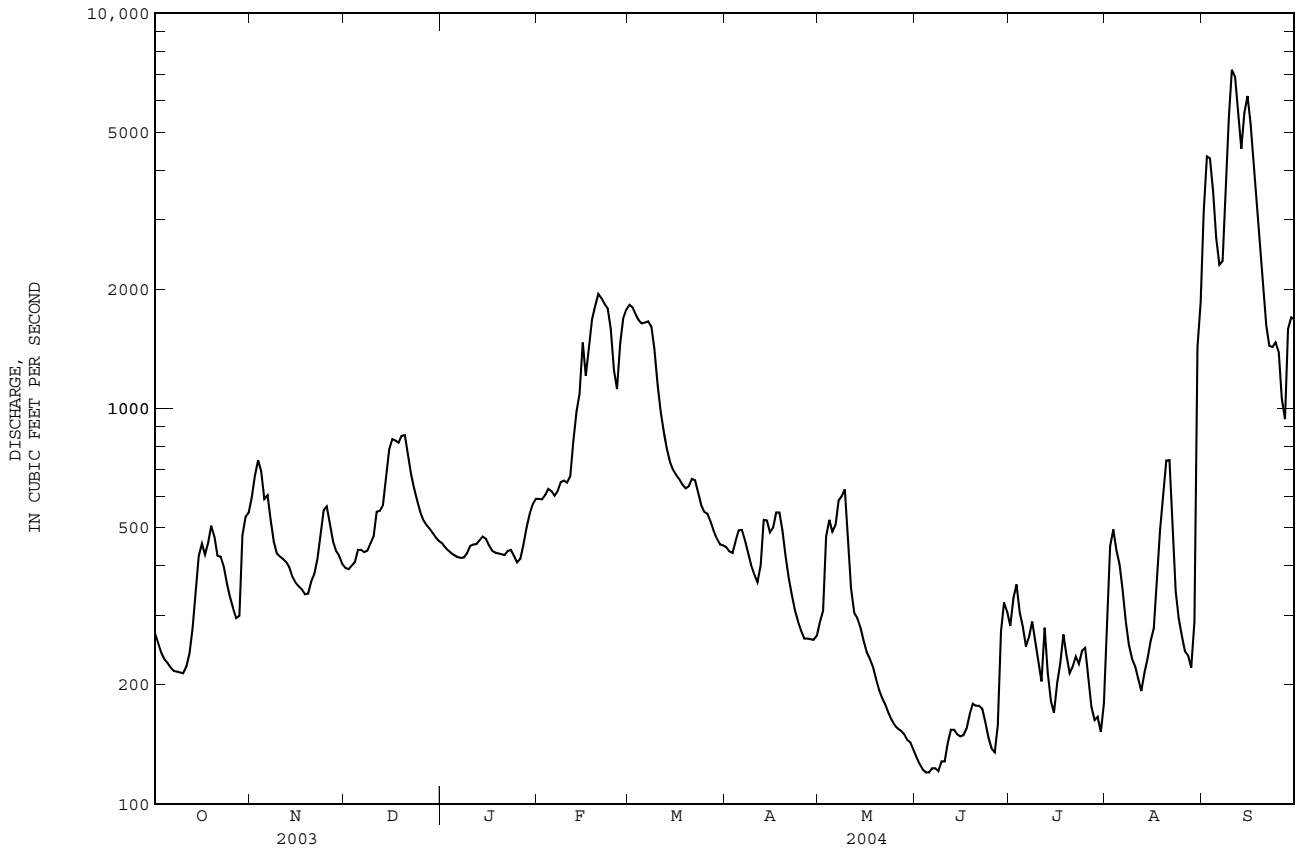
MEAN	677	682	1023	1498	1746	1931	1497	783	582	633	680	697
MAX	3932	2347	3808	4464	5246	4874	4930	2180	1934	2331	2181	6326
(WY)	1965	1948	1995	1993	1998	1983	1936	1991	1973	1975	1971	1945
MIN	145	162	213	350	495	464	404	206	107	87.8	103	116
(WY)	2002	2002	2002	1934	1934	2002	2004	2002	2002	2002	2002	1954

02132000 LYNCHES RIVER AT EFFINGHAM, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1930 - 2004	
ANNUAL TOTAL	467410		265881		1032	
ANNUAL MEAN	1281		726		1856	
HIGHEST ANNUAL MEAN					2002	
LOWEST ANNUAL MEAN					269	
HIGHEST DAILY MEAN	6930	Apr 17	7190	Sep 10	24500	Sep 22 1945
LOWEST DAILY MEAN	214	Oct 10	120	a Jun 4	69	Aug 13 2002
ANNUAL SEVEN-DAY MINIMUM	219	Oct 5	122	Jun 2	70	Aug 10 2002
MAXIMUM PEAK FLOW			7370		25000	
MAXIMUM PEAK STAGE			15.96		21.21	
INSTANTANEOUS LOW FLOW			118		68	
ANNUAL RUNOFF (CFSM)	1.24		0.705		1.00	
ANNUAL RUNOFF (INCHES)	16.88		9.60		13.62	
10 PERCENT EXCEEDS	2550		1650		2250	
50 PERCENT EXCEEDS	852		436		676	
90 PERCENT EXCEEDS	359		173		250	

a Also occurred June 5.

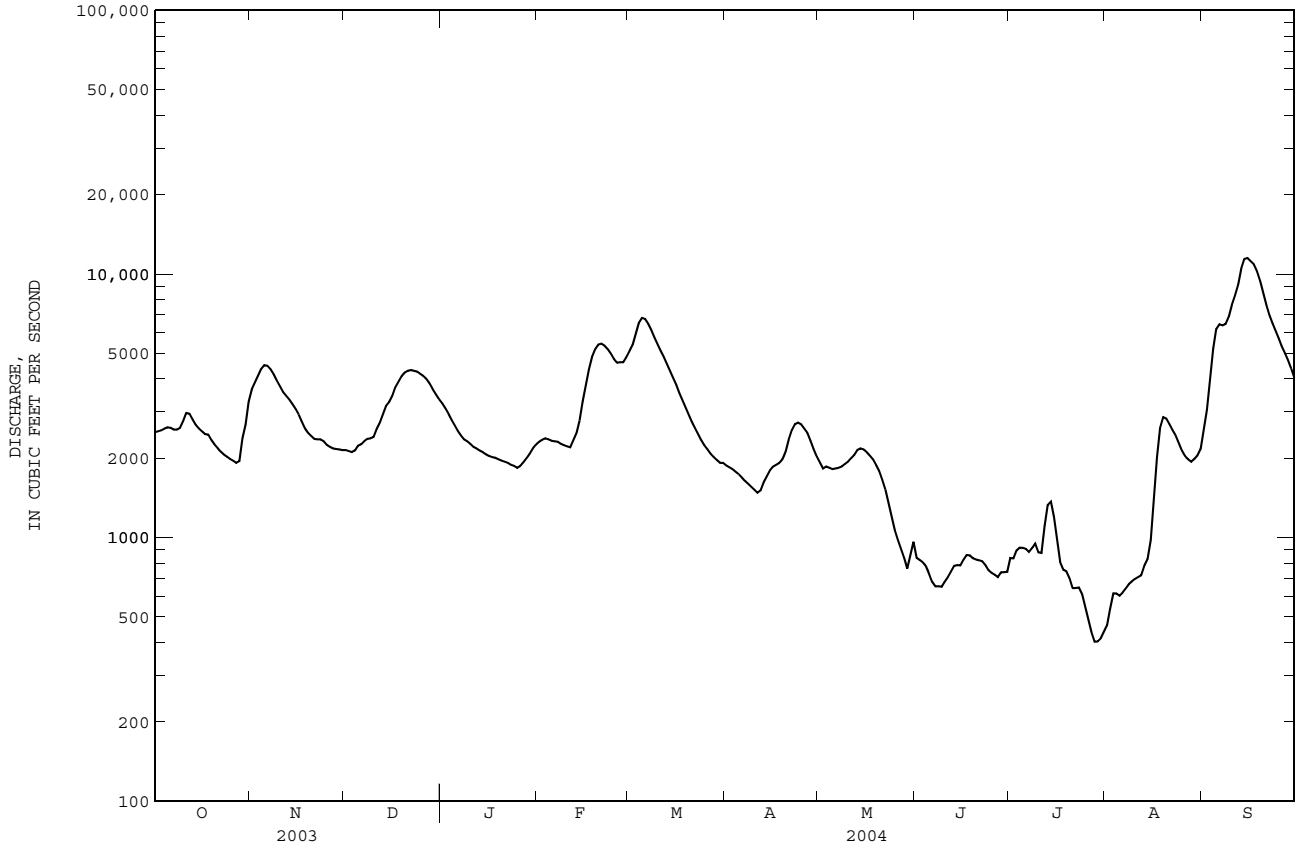
e Estimated



PEE DEE RIVER BASIN

02135000 LITTLE PEE DEE RIVER AT GALIVANTS FERRY, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1942 - 2004	
ANNUAL TOTAL	1450270		984840		3074	
ANNUAL MEAN	3973		2691		5947	
HIGHEST ANNUAL MEAN					1965	
LOWEST ANNUAL MEAN					2002	
HIGHEST DAILY MEAN	10600	Jul 22	11500	Sep 15	27500	Oct 9 1964
LOWEST DAILY MEAN	1670	Sep 18	403	Jul 28	73	Aug 17 2002
ANNUAL SEVEN-DAY MINIMUM	1720	Sep 14	436	Jul 26	77	Aug 14 2002
MAXIMUM PEAK FLOW			11600		27600	
MAXIMUM PEAK STAGE			10.52		13.01	
INSTANTANEOUS LOW FLOW			394		72	
ANNUAL RUNOFF (CFSM)	1.42		0.964		1.10	
ANNUAL RUNOFF (INCHES)	19.34		13.13		14.97	
10 PERCENT EXCEEDS	7000		5190		6870	
50 PERCENT EXCEEDS	3490		2220		2100	
90 PERCENT EXCEEDS	2030		741		588	



02135000 LITTLE PEE DEE RIVER AT GALIVANTS FERRY, SC--Continued

PRECIPITATION RECORDS

PERIOD OF RECORD.--May 2001 to current year.

INSTRUMENTATION.--Tipping bucket raingage and data collection platform.

REMARKS.--Precipitation data collected during freezing periods may not be accurately reflected in daily record; consequently, winter record is poor.

Precipitation, total, inches
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.02	0.00	0.00	0.00	---	0.00	0.00	0.17	0.00	0.03	0.02	0.23
2	0.00	0.00	0.00	0.00	---	0.00	0.00	0.74	0.00	0.09	0.71	0.00
3	0.00	0.00	0.00	0.00	---	0.00	0.00	0.80	0.89	0.05	0.57	0.00
4	0.00	0.00	1.00	0.00	---	0.00	0.00	0.00	0.23	0.01	0.00	0.00
5	0.00	0.00	0.01	0.00	---	0.00	0.00	0.00	0.01	0.01	0.02	0.00
6	0.00	0.05	0.00	0.02	---	0.00	0.00	0.00	0.00	0.00	0.03	0.05
7	0.14	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	0.19
8	0.97	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.70	0.00	1.36
9	0.00	0.07	0.00	0.46	---	0.08	0.00	0.00	0.14	0.00	0.00	0.01
10	0.14	0.00	1.46	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	1.46	0.00	0.03
12	0.00	0.00	0.00	0.00	---	0.00	0.76	0.33	0.00	0.10	1.56	0.00
13	0.00	0.00	0.13	0.00	---	0.00	0.44	0.00	0.00	0.02	0.29	0.00
14	0.06	0.00	0.51	0.00	---	0.00	0.03	0.00	0.00	0.00	1.41	0.09
15	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.18	0.00	0.75	0.00
16	0.00	0.00	0.00	0.00	---	0.18	0.00	0.00	0.75	0.00	0.01	0.10
17	0.00	0.00	0.06	0.00	---	0.00	0.00	0.00	0.01	0.15	0.00	0.73
18	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.06	0.01	0.00
19	0.00	0.51	0.00	0.00	---	0.00	0.00	0.00	0.01	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
23	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	---	1.29	0.00	0.19	0.00	0.00	0.00	0.04	0.03
27	0.00	0.00	0.00	---	0.19	0.00	0.31	0.00	0.42	0.00	0.04	0.56
28	0.00	0.05	0.00	---	0.00	0.00	0.00	0.00	0.01	0.65	0.00	0.05
29	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	1.01	0.30	2.34	0.00
30	0.00	0.00	0.00	---	---	0.17	0.00	3.25	1.26	0.09	0.05	0.00
31	0.00	---	0.00	---	---	0.15	---	0.00	---	0.02	0.13	---
TOTAL	1.33	0.68	3.31	---	---	0.58	1.73	5.29	4.93	3.74	7.98	3.43

PEE DEE RIVER BASIN

02135200 PEE DEE RIVER AT HIGHWAY 701 NEAR BUCKSPORT, SC--Continued

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	12200	4000	13800	7890	11200	-5480	13500	827	13900	2910	15600	8390
2	13100	5770	13900	6190	10800	-6260	13600	730	13800	4090	16500	11100
3	13700	6210	13900	6860	10800	-5460	13400	1200	13600	2460	17200	13700
4	14200	6650	13900	3870	11000	-4270	13500	-230	13100	1350	17700	15700
5	13500	4620	14100	5440	11300	-3770	13500	-236	12600	123	18600	16800
6	12600	846	14700	7040	11500	-3930	13300	2000	12400	-833	20200	17900
7	11700	211	15000	8540	11700	-3060	12700	1210	13100	482	21100	19600
8	12500	390	15300	9470	11200	-3660	12700	-400	13200	2500	21300	20200
9	12700	2910	15400	9870	10500	-4690	13300	1560	13000	-977	21200	19300
10	13400	4040	15000	9730	11500	-4490	13200	3430	11600	-3610	21800	19700
11	13500	5030	14200	8240	11600	-1860	13400	2780	10800	-4660	23600	21500
12	13200	5240	14100	7550	11600	-2810	13100	559	11600	-1270	25200	22800
13	12600	3310	14200	8370	11800	-1370	12400	-3140	12600	2110	27100	24300
14	11900	2670	14400	8310	12200	-2720	11200	-3810	14000	3990	29400	26100
15	12800	3930	14400	7630	11400	-3450	11200	-2850	15400	10200	32500	28600
16	---	---	14100	4920	10700	-4740	12300	-930	16200	12200	37800	31500
17	---	---	13000	-307	9980	-4830	13300	2610	16800	13500	43300	37300
18	---	---	11500	-2450	10400	-2510	13500	1160	16800	13500	47300	43200
19	---	---	11000	-2890	11600	-1060	13000	-138	16500	13000	50100	46600
20	---	---	10800	-976	12300	211	12200	-2630	15600	11300	51300	49500
21	---	---	11500	210	12900	482	11400	-4510	14900	9110	51300	49200
22	---	---	12700	2380	12400	-1380	11100	-3890	14200	7440	50200	47400
23	13600	7000	13100	3730	11100	-1380	11800	-2990	14200	7100	48300	43300
24	13400	7370	12900	3980	11000	-2780	12000	-2110	14000	5720	44900	40200
25	13600	7470	11300	1510	12400	-470	12300	-1880	13400	1380	41200	35700
26	13800	8050	10600	-2090	12900	3160	12100	-1060	12300	-1480	36900	32100
27	13200	7970	11100	-1040	13500	4520	11900	-3870	12400	-1280	33200	29100
28	12900	4540	11300	-716	13900	2150	11400	-5240	12700	-143	30000	26900
29	13200	6240	11400	-2380	12000	-1420	10500	-5030	13200	3930	28000	24800
30	13400	7360	11300	-4420	12800	123	10900	-4620	15000	8530	26000	23400
31	---	---	11400	-3870	---	---	12900	-1890	14500	6990	---	---
MONTH	---	---	15400	-4420	13900	-6260	13600	-5240	16800	-4660	51300	8390

PEE DEE RIVER BASIN

02135200 PEE DEE RIVER AT HIGHWAY 701 NEAR BUCKSPORT, SC

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1986 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: April 1986 to September 1994 (discontinued).

pH: February 1986 to September 1989 (discontinued).

WATER TEMPERATURE: February 1986 to current year.

DISSOLVED OXYGEN: February 1986 to current year.

INSTRUMENTATION.--Water-quality multiprobe and data collection platform.

REMARKS.--Temperature records rated excellent. Dissolved oxygen records rated excellent except for Oct. 5-12, Nov. 11-16, Jan. 25-27, Feb. 19, 20, Mar. 10-25, May 30 to June 3, July 17 to Aug. 1, which are good, Oct. 13-15, Nov. 17, 18, Mar. 26-Apr. 6, June 4-7, Aug. 2, 3, which are fair, and June 8-28, which are poor.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 310 microsiemens, Oct. 10, 23, 1986; minimum, 40 microsiemens, Mar. 10, 15, 17, 22, 1987.

pH: Maximum, 7.8 units, May 23, 1988; minimum, 5.0 units, Jul. 30, Aug. 9, 28, 1987.

WATER TEMPERATURE: Maximum, 33.5°C, Aug. 2, 1999; minimum, 0.5°C, Dec. 24 - 28, 1989.

DISSOLVED OXYGEN: Maximum, 13.5 mg/L, Jan. 6, 2002; minimum, 1.1 mg/L, Oct. 7, 8, 1989.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 31.0°C, July 15, 16; minimum, 3.9°C, Jan. 30.

DISSOLVED OXYGEN: Maximum, 12.0 mg/L, Feb. 2; minimum, 3.0 mg/L, Sep. 13.

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	22.8	22.0	22.2	18.1	17.8	17.9	12.5	11.7	11.9	7.8	7.6	7.8
2	22.1	21.5	21.7	17.9	17.4	17.7	12.1	11.2	11.5	7.9	7.5	7.7
3	21.5	20.6	20.8	18.1	17.6	17.8	11.6	10.1	10.7	8.8	7.9	8.2
4	20.6	19.8	20.1	19.0	18.1	18.5	10.5	9.4	9.9	9.8	8.7	9.1
5	20.2	19.6	20.0	20.0	19.0	19.3	10.0	9.2	9.5	11.3	9.8	10.4
6	20.3	19.8	20.1	20.9	19.9	20.2	10.1	9.3	9.6	11.6	11.3	11.5
7	20.7	20.3	20.5	21.0	20.8	20.9	9.7	8.8	9.3	11.3	9.7	10.4
8	20.7	20.3	20.5	21.0	20.1	20.7	9.3	8.5	8.9	9.7	8.9	9.2
9	20.7	19.9	20.2	---	---	---	9.2	8.3	8.8	9.6	8.8	9.1
10	21.0	20.7	20.8	18.0	16.9	17.3	9.8	8.8	9.3	8.8	7.3	8.1
11	21.1	20.8	20.9	16.9	16.0	16.4	9.9	9.4	9.7	7.3	6.2	6.7
12	21.4	20.9	21.1	16.7	15.8	16.2	9.6	9.1	9.3	6.3	5.8	6.0
13	21.4	20.9	21.2	16.7	16.3	16.5	9.2	8.9	9.1	6.2	5.9	6.0
14	21.7	21.4	21.6	16.3	15.1	15.4	9.0	8.6	8.9	6.2	5.8	6.0
15	---	---	---	15.1	14.0	14.3	8.8	8.4	8.5	6.9	6.1	6.6
16	---	---	---	14.8	14.0	14.2	8.6	8.2	8.3	6.9	6.6	6.7
17	20.2	19.6	19.9	15.1	14.6	14.8	8.8	8.5	8.7	6.9	6.5	6.7
18	20.2	19.8	19.9	15.4	14.8	15.1	8.7	8.0	8.2	8.0	6.9	7.4
19	---	---	---	16.3	15.4	15.9	8.0	7.7	7.9	8.2	7.9	8.1
20	---	---	---	16.3	15.6	15.9	7.9	7.5	7.6	8.2	7.3	7.7
21	---	---	---	15.9	15.1	15.5	7.5	6.7	7.0	7.3	6.4	6.8
22	---	---	---	15.4	14.8	15.1	6.7	6.1	6.4	7.1	6.3	6.6
23	---	---	---	15.4	14.7	15.0	6.7	6.1	6.4	7.2	6.5	6.8
24	---	---	---	15.4	14.7	15.1	7.6	6.7	7.1	6.8	6.4	6.6
25	18.5	17.7	18.0	15.3	14.9	15.1	7.6	7.3	7.5	6.6	6.2	6.5
26	19.0	18.1	18.6	14.9	14.3	14.6	7.4	7.0	7.3	6.2	5.4	5.8
27	19.4	18.9	19.2	14.7	14.4	14.5	7.3	6.8	7.1	5.4	4.4	4.9
28	---	---	---	15.2	14.7	14.9	7.2	6.7	6.9	4.4	4.1	4.2
29	---	---	---	14.8	13.3	14.0	7.2	7.0	7.1	4.3	4.0	4.1
30	18.8	18.2	18.5	13.3	12.2	12.6	7.9	7.2	7.5	4.3	3.9	4.1
31	18.2	17.9	18.1	---	---	---	7.9	7.5	7.7	4.6	4.3	4.4
MONTH	---	---	---	---	---	---	12.5	6.1	8.5	11.6	3.9	7.1

02135200 PEE DEE RIVER AT HIGHWAY 701 NEAR BUCKSPORT, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	4.5	4.1	4.3	8.0	7.2	7.6	16.5	16.1	16.3	21.4	20.8	21.1
2	4.6	4.0	4.3	9.2	8.0	8.4	16.2	15.4	15.7	21.7	20.8	21.2
3	5.8	4.6	5.3	10.6	9.2	9.8	15.8	15.0	15.3	22.0	21.4	21.7
4	6.1	5.5	5.8	12.1	10.6	11.2	15.3	14.5	15.0	21.5	20.5	20.9
5	6.6	6.1	6.3	13.4	12.0	12.6	15.4	14.8	15.2	21.0	20.3	20.6
6	8.4	6.6	7.3	14.3	13.4	13.8	---	---	---	21.6	20.6	21.0
7	9.5	8.2	8.9	15.0	14.1	14.5	16.2	14.9	15.4	21.9	20.9	21.5
8	9.1	8.0	8.5	14.8	14.2	14.5	17.0	15.7	16.2	22.7	21.1	22.0
9	8.0	7.4	7.6	14.5	13.6	13.9	17.5	16.1	16.8	23.5	22.2	22.9
10	7.8	7.3	7.6	13.6	13.1	13.3	18.2	16.8	17.4	23.5	22.6	23.1
11	7.7	7.0	7.4	13.2	12.5	12.8	19.0	17.4	18.2	23.8	23.1	23.4
12	7.2	6.9	7.1	13.1	12.3	12.7	19.3	18.1	18.8	24.1	23.3	23.6
13	7.2	6.6	7.0	13.0	12.3	12.7	19.6	18.6	19.2	24.4	23.6	23.9
14	7.3	7.1	7.2	13.2	12.3	12.7	19.2	17.9	18.5	24.0	23.7	23.8
15	7.4	7.2	7.3	13.9	13.0	13.4	17.9	17.1	17.5	24.4	23.5	24.0
16	7.4	7.0	7.2	14.4	13.9	14.1	---	---	---	24.9	23.9	24.4
17	7.3	6.6	7.0	15.0	14.3	14.6	---	---	---	24.8	24.4	24.6
18	6.9	6.3	6.6	15.4	14.4	14.9	---	---	---	24.9	24.2	24.5
19	7.2	6.5	6.8	16.1	15.0	15.5	---	---	---	25.5	24.2	24.7
20	7.9	7.0	7.4	15.9	15.0	15.2	---	---	---	26.0	24.4	25.2
21	9.0	7.8	8.3	15.8	15.1	15.4	---	---	---	26.6	25.5	26.0
22	9.3	8.7	9.0	15.7	14.3	14.7	---	---	---	27.3	26.5	26.9
23	9.7	8.9	9.3	---	---	---	---	---	---	27.4	26.8	27.1
24	10.1	9.6	9.8	---	---	---	---	---	---	27.3	26.5	26.9
25	10.1	9.9	10.0	---	---	---	---	---	---	27.6	26.9	27.2
26	9.9	9.0	9.4	15.1	13.9	14.5	---	---	---	28.4	27.4	27.8
27	9.0	7.8	8.4	15.5	14.5	15.2	---	---	---	28.8	27.8	28.2
28	7.8	7.1	7.5	16.3	14.9	15.8	---	---	---	28.7	28.1	28.4
29	7.8	7.1	7.5	---	---	---	21.5	20.6	21.0	29.1	28.2	28.7
30	---	---	---	---	---	---	21.6	20.8	21.2	29.1	28.5	28.9
31	---	---	---	16.6	16.0	16.2	---	---	---	29.0	28.3	28.6
MONTH	10.1	4.0	7.5	---	---	---	---	---	---	29.1	20.3	24.6

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
Temperature, water, degrees Celsius												
JUNE			JULY			AUGUST			SEPTEMBER			
1	28.9	28.1	28.5	28.2	27.5	27.8	29.7	28.8	29.3	27.3	26.3	26.7
2	29.1	28.0	28.5	27.8	27.3	27.6	29.1	28.5	28.8	26.9	26.4	26.7
3	29.0	28.2	28.5	28.3	27.2	27.6	29.1	28.6	28.8	26.4	25.7	26.2
4	28.6	28.1	28.4	28.8	27.6	28.1	29.2	28.4	28.8	25.9	25.3	25.6
5	29.7	27.9	28.3	29.0	28.1	28.5	30.0	29.0	29.4	25.6	25.3	25.4
6	28.8	27.8	28.2	29.3	28.4	28.8	29.8	29.1	29.5	25.3	24.9	25.1
7	29.0	28.0	28.4	29.8	28.9	29.3	29.2	28.3	28.7	25.1	24.9	25.0
8	28.5	27.7	28.2	29.8	29.4	29.6	28.5	27.6	28.0	25.5	25.0	25.3
9	27.8	27.6	27.6	30.1	29.4	29.8	27.9	27.1	27.6	26.0	25.3	25.6
10	28.0	27.3	27.6	30.3	29.5	29.8	27.8	27.2	27.6	25.8	25.5	25.7
11	28.9	27.6	28.2	30.6	29.4	29.8	27.8	27.2	27.5	25.5	24.7	25.1
12	29.1	28.4	28.8	29.9	28.9	29.4	27.6	26.5	27.2	24.8	24.4	24.6
13	28.7	28.1	28.4	30.0	29.2	29.5	26.8	25.9	26.3	24.6	24.1	24.4
14	28.6	27.8	28.1	30.9	29.4	30.3	26.2	24.9	25.6	24.1	23.6	23.9
15	28.2	27.5	27.8	31.0	30.0	30.5	25.3	24.3	24.6	23.7	23.4	23.6
16	28.0	27.4	27.7	31.0	30.3	30.6	25.6	24.5	25.0	24.0	23.6	23.8
17	28.3	27.5	27.8	30.5	29.2	29.9	25.8	25.0	25.4	24.4	24.0	24.2
18	29.0	27.6	28.2	29.5	28.2	28.9	26.1	25.4	25.7	24.3	23.8	24.0
19	29.9	28.4	29.2	28.9	28.0	28.2	26.5	25.7	26.1	23.8	23.2	23.5
20	29.8	29.3	29.6	28.5	27.7	28.1	26.7	26.1	26.4	23.2	22.4	22.7
21	29.4	29.0	29.2	29.6	28.0	28.6	27.5	26.7	27.1	22.4	22.0	22.1
22	29.8	28.6	29.1	29.5	28.2	28.8	27.5	27.2	27.4	22.0	21.7	21.9
23	29.8	28.9	29.2	30.1	28.8	29.2	27.3	27.0	27.1	22.0	21.6	21.8
24	29.9	28.9	29.3	30.1	29.1	29.6	27.1	26.5	26.8	22.0	21.7	21.9
25	29.6	29.1	29.3	30.0	29.3	29.6	27.1	26.4	26.6	22.3	21.8	22.0
26	29.1	28.4	28.7	30.4	29.2	29.7	26.9	26.1	26.4	22.2	22.0	22.1
27	28.4	28.1	28.3	30.1	29.6	29.8	26.2	25.9	26.0	22.6	22.2	22.4
28	28.1	27.4	27.6	30.2	29.3	29.8	26.4	26.0	26.2	23.1	22.6	22.9
29	27.6	26.9	27.3	30.1	29.3	29.7	26.5	25.9	26.2	23.4	22.9	23.2
30	27.8	27.1	27.5	30.3	29.5	29.8	26.4	25.6	26.0	23.7	23.3	23.5
31	---	---	---	30.3	29.5	29.9	26.6	26.3	26.4	---	---	---
MONTH	29.9	26.9	28.4	31.0	27.2	29.2	30.0	24.3	27.0	27.3	21.6	24.0

PEE DEE RIVER BASIN

02135200 PEE DEE RIVER AT HIGHWAY 701 NEAR BUCKSPORT, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	5.4	5.1	5.2	6.9	5.8	6.3	8.7	8.1	8.4	10.1	9.9	10.0
2	5.5	5.1	5.3	6.9	5.8	6.2	8.8	8.4	8.6	10.3	10.1	10.1
3	5.6	5.3	5.4	6.8	5.6	5.9	8.8	8.3	8.6	10.3	9.9	10.1
4	5.6	5.2	5.4	5.9	4.8	5.3	9.3	8.8	9.0	10.1	9.8	9.9
5	5.5	4.9	5.1	5.1	4.7	4.9	9.4	8.8	9.1	9.8	9.2	9.5
6	5.4	4.7	4.9	4.8	4.6	4.7	9.5	8.8	9.1	9.2	8.4	8.8
7	5.2	4.2	4.8	4.8	4.4	4.6	9.7	8.9	9.2	8.7	8.4	8.6
8	5.8	4.3	5.1	5.1	4.7	4.8	9.7	9.0	9.6	9.1	8.6	8.9
9	6.2	5.0	5.7	---	---	---	9.8	9.0	9.5	9.5	9.1	9.3
10	5.3	4.9	5.1	6.2	5.4	5.6	9.9	9.6	9.8	10.1	9.5	9.8
11	6.0	5.1	5.5	6.0	5.7	5.8	9.7	9.1	9.5	10.4	10.1	10.2
12	6.1	5.4	5.8	6.0	5.6	5.9	9.2	8.9	9.0	10.8	10.4	10.7
13	6.2	5.6	5.8	6.3	5.8	6.0	9.1	8.9	9.0	10.9	10.8	10.8
14	6.0	5.3	5.6	6.8	6.2	6.5	9.2	9.1	9.2	10.9	10.7	10.8
15	---	---	---	7.4	6.7	7.0	9.4	9.1	9.2	11.0	10.7	10.8
16	---	---	---	7.4	7.1	7.3	9.7	9.4	9.6	11.0	10.6	10.7
17	6.9	6.2	6.4	8.3	7.1	7.3	9.7	9.5	9.6	10.9	10.6	10.7
18	7.1	6.5	6.6	8.3	6.8	7.2	9.7	9.4	9.6	11.0	10.6	10.8
19	---	---	---	7.1	6.5	6.7	9.8	9.6	9.7	10.8	10.3	10.5
20	---	---	---	6.7	6.3	6.5	9.8	9.6	9.7	10.7	10.0	10.3
21	---	---	---	7.3	6.5	6.8	9.8	9.7	9.8	10.5	9.8	10.2
22	---	---	---	8.0	6.8	7.2	9.9	9.8	9.9	10.5	10.2	10.4
23	---	---	---	8.0	6.9	7.4	10.0	9.9	9.9	10.6	10.4	10.6
24	---	---	---	8.0	7.0	7.5	10.0	9.8	9.9	11.2	10.6	10.9
25	7.5	6.6	7.0	7.8	6.9	7.2	9.9	9.7	9.8	11.4	11.0	11.2
26	7.4	6.6	6.9	7.6	6.7	7.1	9.9	9.8	9.8	11.6	11.2	11.4
27	7.3	6.4	6.7	7.4	6.5	7.0	10.0	9.9	9.9	11.6	11.4	11.5
28	---	---	---	7.9	7.1	7.3	10.1	9.9	10.0	11.6	11.4	11.5
29	---	---	---	8.1	7.0	7.5	10.2	9.9	10.0	11.8	11.6	11.7
30	6.9	6.3	6.6	8.6	7.8	8.1	10.2	10.0	10.1	11.9	11.8	11.9
31	6.9	5.8	6.4	---	---	---	10.1	9.9	10.0	11.9	11.7	11.8
MONTH	---	---	---	---	---	---	10.2	8.1	9.5	11.9	8.4	10.5

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	11.9	11.6	11.8	11.2	10.9	11.1	7.3	6.9	7.1	6.6	5.8	6.1
2	12.0	11.7	11.9	11.4	11.1	11.2	8.0	7.2	7.7	6.6	5.6	5.9
3	11.8	11.2	11.6	11.2	10.7	11.0	8.4	7.8	8.1	6.6	5.7	5.9
4	11.3	10.8	11.1	10.8	10.0	10.3	8.9	8.1	8.4	6.7	5.7	6.1
5	11.1	10.7	10.9	10.1	9.3	9.7	8.8	8.0	8.3	6.9	6.0	6.3
6	11.0	10.6	10.8	9.5	8.8	9.1	---	---	---	7.0	6.1	6.5
7	10.8	10.3	10.5	8.9	8.3	8.4	8.0	7.3	7.7	6.9	6.0	6.4
8	11.1	10.4	10.6	8.4	8.1	8.2	7.7	6.9	7.4	6.9	5.5	6.2
9	11.5	10.7	11.0	8.1	8.0	8.0	8.1	6.9	7.5	6.2	5.2	5.6
10	11.2	10.8	11.0	8.2	7.9	8.0	8.1	7.2	7.5	5.9	5.0	5.3
11	11.2	10.8	11.0	8.5	8.1	8.3	7.9	7.0	7.3	5.8	4.9	5.2
12	11.2	10.6	10.9	8.6	8.3	8.4	7.7	6.8	7.1	6.2	5.1	5.5
13	10.7	10.4	10.6	8.9	8.5	8.7	7.4	6.2	6.6	6.4	5.5	5.8
14	10.6	10.3	10.4	8.8	8.7	8.7	6.8	6.0	6.4	6.5	5.6	5.9
15	10.6	10.4	10.5	8.7	8.6	8.7	7.3	6.4	6.8	6.5	5.4	5.9
16	10.5	10.4	10.5	8.6	8.2	8.4	---	---	---	6.2	5.2	5.5
17	10.6	10.4	10.5	8.2	7.6	7.8	---	---	---	5.9	5.1	5.3
18	10.7	10.5	10.6	7.9	7.5	7.7	---	---	---	5.3	4.7	5.0
19	10.6	10.6	10.6	7.9	7.6	7.7	---	---	---	4.9	4.5	4.7
20	---	---	---	8.3	7.7	8.0	---	---	---	4.7	4.5	4.6
21	10.4	10.1	10.3	8.2	7.8	8.0	---	---	---	5.4	4.6	4.9
22	10.4	10.0	10.2	8.4	7.9	8.1	---	---	---	5.8	5.2	5.4
23	10.3	9.9	10.1	---	---	---	6.7	5.8	6.1	5.6	5.1	5.3
24	10.0	9.6	9.8	---	---	---	6.6	5.8	6.0	6.0	5.0	5.4
25	9.6	9.4	9.5	---	---	---	6.6	5.8	6.1	5.7	5.0	5.2
26	9.8	9.5	9.7	8.8	8.3	8.5	6.6	5.6	5.9	5.4	4.9	5.1
27	10.1	9.8	9.9	8.8	8.2	8.5	6.2	5.4	5.7	5.9	4.9	5.2
28	10.6	10.1	10.3	8.9	8.0	8.4	5.8	5.0	5.4	6.3	5.4	5.7
29	11.0	10.6	10.8	---	---	---	6.1	5.4	5.6	6.1	5.2	5.8
30	---	---	---	---	---	---	6.3	5.8	6.0	6.0	5.2	5.7
31	---	---	---	7.5	6.7	7.1	---	---	---	6.1	5.3	5.7
MONTH	---	---	---	---	---	---	---	---	---	7.0	4.5	5.6

PEE DEE RIVER BASIN

02135200 PEE DEE RIVER AT HIGHWAY 701 NEAR BUCKSPORT, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	6.2	5.3	5.7	6.0	5.4	5.7	6.3	5.8	6.0	4.8	4.2	4.5
2	5.8	5.4	5.6	6.1	5.5	5.8	---	---	---	4.8	4.2	4.5
3	6.2	5.5	5.7	6.1	5.6	5.8	6.4	5.4	5.8	4.5	4.0	4.3
4	5.9	5.0	5.6	6.2	5.5	5.8	5.6	5.1	5.3	4.1	3.9	4.0
5	6.4	4.8	5.6	6.0	5.4	5.7	5.7	5.1	5.4	4.0	3.8	3.9
6	5.7	4.6	5.2	6.0	5.4	5.7	5.7	5.2	5.5	3.8	3.6	3.7
7	5.9	4.8	5.3	5.9	5.2	5.5	5.8	5.3	5.5	3.6	3.3	3.4
8	5.7	4.4	5.1	6.1	5.2	5.6	5.8	5.3	5.6	3.3	3.1	3.2
9	5.4	4.6	5.0	6.0	5.3	5.6	5.9	5.5	5.7	3.3	3.1	3.1
10	5.7	4.7	5.2	6.0	5.3	5.6	6.0	5.6	5.8	3.8	3.3	3.6
11	6.7	5.1	6.1	6.0	5.3	5.5	5.7	5.4	5.6	3.9	3.4	3.6
12	8.0	4.9	6.4	6.1	5.0	5.5	6.0	5.4	5.5	3.4	3.2	3.3
13	8.0	5.5	7.0	5.8	5.2	5.5	6.0	5.7	5.9	3.2	3.0	3.1
14	9.1	6.6	8.2	5.9	5.2	5.5	6.2	5.6	6.0	3.1	3.0	3.0
15	8.6	6.8	7.5	5.7	5.0	5.3	6.1	5.6	5.9	3.2	3.1	3.1
16	7.5	6.3	6.8	6.0	4.8	5.4	5.7	5.2	5.4	3.5	3.1	3.4
17	6.7	4.5	5.7	6.1	5.2	5.7	5.4	5.0	5.2	3.6	3.5	3.5
18	6.6	4.9	5.7	5.8	5.3	5.5	5.3	4.9	5.1	3.5	3.3	3.4
19	6.0	4.9	5.3	6.0	5.3	5.6	5.2	4.8	5.0	3.4	3.3	3.3
20	6.0	4.9	5.5	6.0	5.4	5.7	5.0	4.4	4.7	3.5	3.4	3.4
21	5.9	5.0	5.5	6.1	5.4	5.7	4.8	4.3	4.5	3.6	3.5	3.6
22	6.0	4.9	5.5	5.6	5.2	5.4	4.8	4.3	4.5	3.8	3.6	3.7
23	6.4	5.2	5.8	6.0	5.3	5.5	4.8	4.3	4.5	3.8	3.7	3.8
24	6.5	5.5	6.1	6.2	5.3	5.7	4.8	4.1	4.4	3.8	3.7	3.8
25	6.7	5.5	6.2	6.6	5.6	6.1	4.6	4.2	4.3	3.7	3.6	3.7
26	6.5	5.3	5.9	6.2	5.3	5.7	4.6	4.1	4.3	3.6	3.6	3.6
27	6.4	5.2	5.8	6.0	5.3	5.7	4.6	4.2	4.3	3.6	3.5	3.5
28	6.2	5.4	5.7	5.8	5.2	5.6	4.5	4.1	4.2	3.5	3.2	3.4
29	5.8	5.3	5.6	5.8	5.4	5.6	5.7	4.1	5.1	3.2	3.2	3.2
30	5.9	5.4	5.6	5.9	5.5	5.6	5.4	4.2	4.8	3.4	3.2	3.3
31	---	---	---	6.4	5.5	6.0	4.6	3.9	4.2	---	---	---
MONTH	9.1	4.4	5.9	6.6	4.8	5.6	---	---	---	4.8	3.0	3.6

PEE DEE RIVER BASIN

02136000 BLACK RIVER AT KINGSTREE, SC

LOCATION.--Lat 33°39'40'', long 79°50'10'', Williamsburg County, Hydrologic Unit 03040205, on left bank, at upstream side of bridge on U.S. Highway 52 at Kingstree, 1.0 mi downstream from Kingstree Swamp Canal, and at mile 86.7.

DRAINAGE AREA.--1,252 mi².

PERIOD OF RECORD.--October 1929 to current year. Gage-height records collected at same site since 1894 are contained in reports of National Weather Service.

REVISED RECORDS.--WSP 1032: 1928(m), drainage area WSP 1333: 1930(m), 1931, 1936.

GAGE.--Data collection platform. Datum of gage is 25.66 ft above NGVD of 1929. Prior to Nov. 7, 1934, nonrecording gage at same site and datum.

REMARKS.--Records good except for estimated daily discharges, which are poor.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	194	606	297	486	973	2680	489	216	69	323	263	e6210
2	176	680	293	460	983	2990	479	219	65	311	307	5790
3	160	734	291	439	985	3020	462	304	62	334	315	4760
4	145	738	302	420	947	2910	443	480	64	369	287	3830
5	132	695	339	402	904	2780	425	624	73	415	252	e3100
6	123	638	385	387	870	2620	402	686	73	449	222	2510
7	114	582	413	375	846	2450	380	675	96	457	186	2190
8	108	533	419	365	814	2230	363	618	129	497	166	2150
9	102	499	414	355	793	2030	348	523	201	478	156	2420
10	97	475	421	349	775	1860	334	428	290	411	159	3670
11	97	462	466	346	758	1690	320	369	331	410	157	4990
12	101	444	515	345	819	1560	336	370	342	528	152	4880
13	108	420	544	347	940	1420	385	446	302	524	160	4340
14	113	392	571	355	1140	1300	469	480	248	725	196	4040
15	114	364	624	358	1560	1190	525	479	230	841	229	3720
16	110	337	709	356	2050	1110	550	450	232	816	241	3460
17	107	312	777	353	2600	1050	560	429	239	644	239	3270
18	106	292	809	347	3150	999	548	394	247	466	238	2880
19	106	283	840	339	3510	948	513	327	251	346	242	e2550
20	106	293	866	328	3570	893	468	263	246	324	249	2190
21	104	303	859	315	3410	840	423	215	214	350	258	1930
22	104	306	832	306	3120	785	379	178	166	335	267	e1710
23	103	311	800	298	2820	732	342	150	129	297	279	1510
24	99	316	761	291	2550	682	313	135	107	265	299	1340
25	94	315	717	283	2290	639	290	121	94	239	323	1200
26	91	313	672	323	2140	606	273	111	83	211	339	1080
27	88	312	629	466	2110	576	269	104	85	173	339	1030
28	98	304	594	643	2190	548	260	94	133	138	323	e1030
29	210	299	565	814	2350	523	253	88	281	123	694	1040
30	e303	299	540	906	---	501	234	78	353	149	3020	1080
31	e522	---	513	944	---	491	---	73	---	196	5040	---
TOTAL	4235	12857	17777	13101	51967	44653	11835	10127	5435	12144	15597	85900
MEAN	137	429	573	423	1792	1440	394	327	181	392	503	2863
MAX	522	738	866	944	3570	3020	560	686	353	841	5040	6210
MIN	88	283	291	283	758	491	234	73	62	123	152	1030
CFSM	0.11	0.34	0.46	0.34	1.43	1.15	0.32	0.26	0.14	0.31	0.40	2.29
IN.	0.13	0.38	0.53	0.39	1.54	1.33	0.35	0.30	0.16	0.36	0.46	2.55

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 2004, BY WATER YEAR (WY)

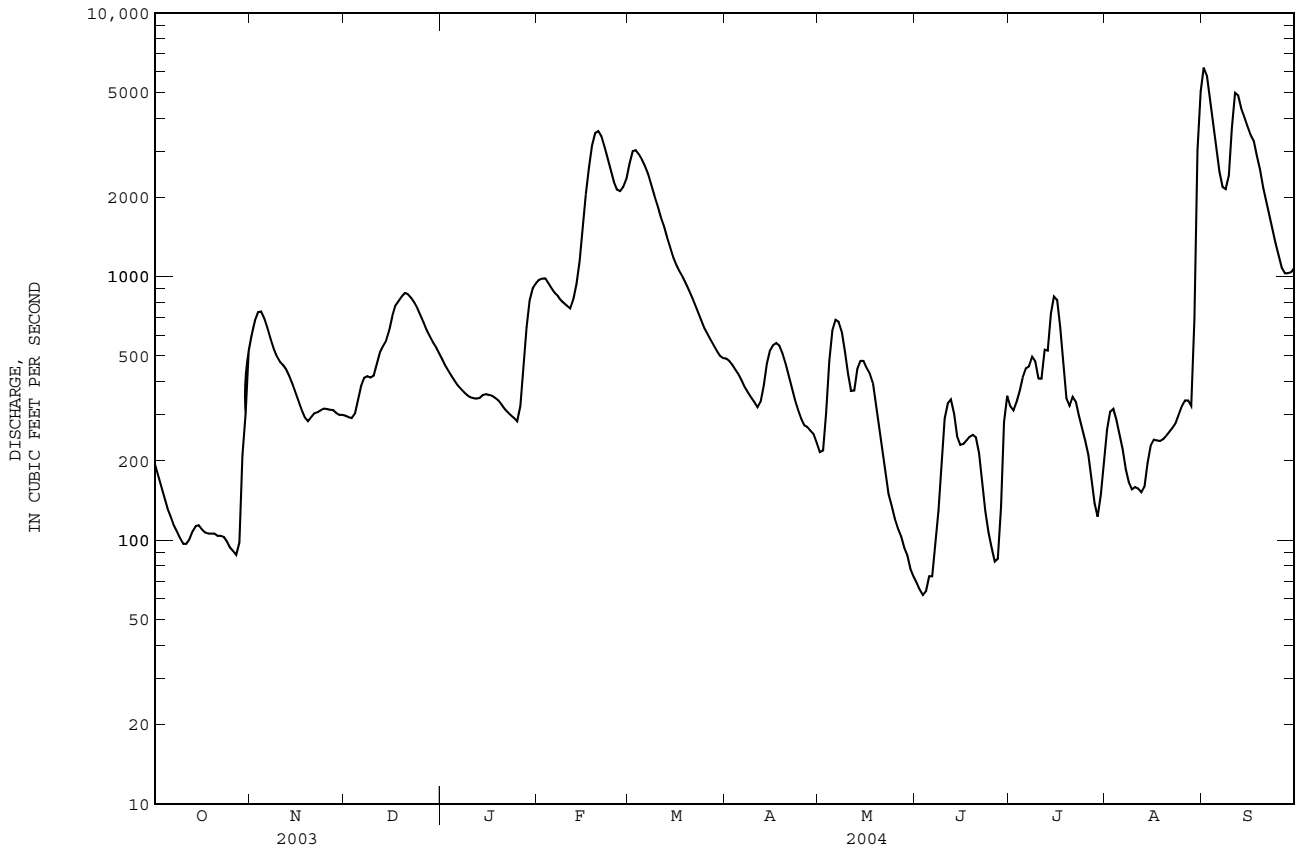
	MEAN	MAX	(WY)	MIN	(WY)	MEAN	MAX	(WY)	MIN	(WY)	MEAN	MAX	(WY)	MIN	(WY)
MEAN	508	467	909	1436	1916	2099	1504	578	544	496	549	609	2863	7258	1945
MAX	7708	3250	5471	6499	8404	6938	5905	2144	7852	3318	3148	7258	1945	1945	1945
(WY)	1965	1948	1995	1993	1973	1983	1936	1984	1973	1941	1991	1945	1945	1945	1945
MIN	8.65	5.00	39.3	124	218	287	220	38.6	11.3	6.33	5.19	4.83	4.83	4.83	4.83
(WY)	1932	1932	1955	1934	2002	2002	1985	2001	1935	2002	1954	1954	1954	1954	1954

02136000 BLACK RIVER AT KINGSTREE, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1930 - 2004	
ANNUAL TOTAL	545448		285628		963	
ANNUAL MEAN	1494		780		2438	
HIGHEST ANNUAL MEAN					105	
LOWEST ANNUAL MEAN					1973	
HIGHEST DAILY MEAN	8580	Apr 13	6210	Sep 1	52800	Jun 14 1973
LOWEST DAILY MEAN	88	Oct 27	62	Jun 3	2.0	Sep 12 1954
ANNUAL SEVEN-DAY MINIMUM	97	Oct 22	68	May 31	2.6	Sep 8 1954
MAXIMUM PEAK FLOW			6370	Sep 1	58000	Jun 14 1973
MAXIMUM PEAK STAGE			12.33	Sep 1	19.77	Jun 14 1973
INSTANTANEOUS LOW FLOW			58	Jun 4	2.0 a	Sep 12 1954
ANNUAL RUNOFF (CFSM)	1.19		0.623		0.769	
ANNUAL RUNOFF (INCHES)	16.21		8.49		10.45	
10 PERCENT EXCEEDS	3150		2250		2350	
50 PERCENT EXCEEDS	993		393		462	
90 PERCENT EXCEEDS	280		112		48	

a Also occurred Sep. 13-15, Oct. 7, 8, 1954.

e Estimated



PEE DEE RIVER BASIN

02136354 SAMPIT RIVER AT SAMPIT, SC

LOCATION.--Lat 33°22'12'', long 79°25'41'', Georgetown County, Hydrologic Unit 03040207, near left bank 1.2 mi downstream of U.S. Highway 17-A bridge, and at mile 11.0.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--November 1998 to September 2004 (discontinued).

GAGE.--Data collection platform. Elevation of gage is 19 ft below NGVD of 1929 (from topographic map).

REMARKS.--Gage height affected by tide.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 26.69 ft, Oct. 17, 1999; minimum gage height, 18.57 ft, Aug. 19, 2001.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 26.63 ft, Aug. 29; minimum gage height, 18.82 ft, Feb. 8.

Gage height, feet WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	25.85	21.09	23.77	25.41	21.18	23.49	23.85	19.75	21.89	24.17	19.93	22.12
2	25.65	21.17	23.66	25.43	21.30	23.62	24.12	19.94	22.09	24.25	19.90	22.20
3	25.74	21.39	23.79	25.58	21.42	23.88	24.31	20.06	22.58	24.20	19.87	22.15
4	25.22	20.89	23.44	25.21	21.26	23.52	24.84	20.59	23.24	24.29	19.82	22.14
5	25.04	20.67	22.94	25.02	21.02	23.27	24.81	20.71	22.82	24.31	19.80	22.03
6	25.00	20.61	22.92	25.04	20.80	23.11	24.47	20.32	22.55	24.17	19.65	22.03
7	25.14	20.62	23.07	24.97	20.63	23.02	24.95	20.41	22.90	24.56	19.87	22.36
8	25.18	20.83	23.25	25.51	20.97	23.60	25.12	20.65	23.09	24.81	20.07	22.56
9	25.17	20.84	23.30	25.51	21.35	23.69	25.26	20.91	23.19	25.02	20.25	22.69
10	25.21	20.91	23.30	25.43	21.10	23.44	25.54	20.98	23.39	25.14	20.43	22.83
11	25.39	20.89	23.39	25.20	20.90	23.11	24.25	20.24	22.17	24.98	20.47	22.76
12	25.32	21.06	23.44	24.70	20.59	22.61	24.90	20.18	22.58	24.30	19.77	21.95
13	25.24	21.07	23.35	23.80	19.86	21.80	25.27	20.92	23.33	24.24	19.65	21.92
14	25.44	21.21	23.54	24.44	20.19	22.21	25.30	20.98	23.45	24.54	20.00	22.46
15	24.53	20.53	22.63	24.38	20.26	22.37	24.48	20.26	22.36	24.39	19.92	22.10
16	25.01	20.98	22.99	24.31	20.34	22.29	24.67	20.58	22.71	24.63	20.22	22.70
17	24.65	20.78	22.89	24.02	20.18	22.12	24.75	19.69	22.38	24.83	20.32	22.78
18	24.72	20.87	22.84	24.58	20.56	22.61	24.36	19.72	22.33	25.16	19.77	22.59
19	24.88	21.17	23.15	24.78	19.93	22.94	24.31	19.51	21.94	24.82	19.17	22.42
20	24.66	20.71	22.83	24.95	19.72	22.70	24.61	19.62	22.25	25.31	19.99	22.87
21	24.73	20.46	22.81	25.34	20.50	23.29	25.09	19.58	22.61	25.38	19.99	22.83
22	24.91	20.10	22.55	25.38	20.50	23.14	25.14	19.91	22.61	25.08	19.93	22.48
23	25.29	20.51	23.32	25.50	20.34	23.06	25.32	19.69	22.67	24.58	19.27	22.08
24	25.55	20.72	23.57	25.70	20.25	23.07	25.38	20.07	22.68	24.51	19.58	21.98
25	25.69	20.74	23.46	25.67	19.91	23.01	25.02	19.60	22.34	25.39	20.40	23.08
26	25.43	20.36	22.98	25.92	20.72	23.44	24.95	19.82	22.38	25.10	20.71	23.10
27	25.54	20.38	23.02	25.81	20.75	23.43	25.02	19.98	22.50	24.73	20.40	22.71
28	25.72	20.37	23.20	25.37	20.01	22.84	24.81	20.19	22.58	23.67	19.72	21.66
29	25.49	20.52	23.30	23.90	18.89	21.28	24.65	20.37	22.45	23.73	19.94	21.83
30	25.71	20.84	23.53	24.37	19.94	22.20	24.35	19.64	22.08	23.82	19.80	21.73
31	25.60	21.19	23.52	---	---	---	24.15	20.14	22.27	23.93	20.38	22.33
MONTH	25.85	20.10	23.22	25.92	18.89	22.94	25.54	19.51	22.59	25.39	19.17	22.37

PEE DEE RIVER BASIN

02136354 SAMPIT RIVER AT SAMPIT, SC--Continued

Gage height, feet
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	---	---	---	24.25	20.20	22.17	24.34	20.30	22.35	24.42	20.17	22.53
2	---	---	---	24.06	19.71	21.87	24.25	19.97	22.30	24.64	19.83	22.34
3	24.88	20.33	22.54	23.86	19.58	21.76	24.69	19.92	22.52	24.50	19.30	22.10
4	24.23	19.56	22.06	24.32	19.72	22.10	24.76	19.87	22.45	25.32	19.46	22.32
5	25.00	19.84	22.75	24.44	19.76	22.19	25.01	20.00	22.53	25.23	19.94	22.60
6	---	---	---	24.45	19.69	21.99	25.18	20.21	22.77	25.23	19.74	22.46
7	---	---	---	24.39	19.41	22.02	25.16	19.68	22.42	25.29	20.07	22.61
8	24.21	18.82	21.54	24.74	19.14	21.81	24.92	19.98	22.44	25.29	20.19	22.74
9	24.68	19.70	22.26	25.19	20.28	22.91	25.11	20.38	22.78	25.24	20.61	22.93
10	---	---	---	25.33	20.35	22.96	25.28	20.58	22.97	25.18	20.63	22.98
11	---	---	---	25.08	20.44	22.84	24.97	20.30	22.57	25.03	20.66	22.89
12	---	---	---	24.94	20.28	22.51	24.78	20.63	22.81	24.81	20.41	22.77
13	---	---	---	24.82	20.54	22.75	24.72	19.47	22.43	24.53	20.21	22.55
14	---	---	---	25.09	20.31	22.81	23.49	19.05	21.38	24.47	20.04	22.47
15	25.25	20.63	23.30	24.69	20.21	22.47	24.30	19.24	22.09	24.57	20.04	22.46
16	25.20	20.61	23.10	24.83	20.31	22.69	24.67	19.97	22.59	24.59	19.94	22.38
17	25.51	20.67	23.28	24.90	20.16	22.93	24.41	19.97	22.32	24.57	19.80	22.24
18	25.19	20.37	22.83	25.14	20.36	23.00	24.23	19.59	21.97	24.57	19.80	22.18
19	25.20	20.21	22.81	25.02	20.16	22.76	24.10	19.34	21.73	24.46	19.79	22.11
20	25.14	20.24	22.67	25.62	20.72	23.42	24.18	19.16	21.53	24.13	19.53	21.80
21	24.58	19.88	22.23	24.64	19.97	22.62	24.39	19.61	21.87	24.18	19.60	21.70
22	25.10	20.12	22.70	24.80	20.21	22.66	24.39	19.67	21.90	24.19	19.82	21.89
23	24.91	20.40	22.78	24.78	20.43	22.78	24.18	19.71	21.69	24.21	20.01	21.97
24	25.09	20.77	23.08	24.79	19.99	22.37	23.87	19.68	21.63	24.23	19.91	21.93
25	25.08	20.34	23.49	24.46	19.78	22.02	24.00	20.14	22.12	23.92	19.91	21.79
26	25.70	22.11	24.05	24.09	19.71	21.79	24.15	20.30	22.11	23.83	19.85	21.85
27	24.95	20.78	23.09	23.89	20.06	21.92	23.85	20.27	22.07	23.78	19.88	21.95
28	24.87	21.04	23.16	23.82	20.12	22.39	24.21	20.74	22.45	24.04	20.01	22.17
29	24.58	20.57	22.54	24.78	21.45	23.25	24.22	20.36	22.39	24.55	19.98	22.43
30	---	---	---	25.06	21.29	23.34	24.16	20.03	22.32	25.08	20.47	22.99
31	---	---	---	24.92	20.49	23.15	---	---	---	24.75	19.78	22.52
MONTH	---	---	---	25.62	19.14	22.52	25.28	19.05	22.25	25.32	19.30	22.34

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	25.11	19.54	22.28	25.27	19.79	22.50	25.59	20.60	23.20	24.93	20.31	22.82
2	25.28	19.79	22.50	25.27	19.56	22.51	25.58	20.74	23.28	25.32	20.70	23.28
3	25.31	19.77	22.52	25.37	20.10	22.67	25.68	20.89	23.31	25.24	21.00	23.33
4	25.20	19.73	22.47	25.37	20.28	22.72	25.29	20.73	23.11	25.15	20.89	23.21
5	25.22	19.94	22.51	25.33	20.25	22.72	25.03	20.77	23.04	25.24	21.26	23.52
6	25.36	20.45	22.88	25.09	20.35	22.76	24.88	20.58	23.02	25.19	21.59	23.72
7	25.31	20.64	22.91	25.03	20.57	22.98	25.14	21.09	23.36	25.31	21.62	23.73
8	25.11	20.70	22.95	24.86	20.50	22.98	24.74	20.94	23.00	24.80	21.42	23.38
9	24.89	20.55	22.80	24.77	20.60	22.90	24.57	20.58	22.70	24.35	20.64	22.53
10	24.66	20.51	22.80	24.56	20.49	22.76	24.44	20.46	22.56	24.56	20.39	22.44
11	24.58	20.15	22.59	24.73	20.46	22.81	24.34	20.32	22.39	25.07	20.74	23.09
12	25.17	20.42	22.89	24.70	20.59	22.81	24.24	20.29	22.22	25.49	21.14	23.43
13	25.28	21.32	23.46	24.58	20.23	22.54	24.19	19.75	21.99	25.60	21.19	23.54
14	24.97	20.68	22.97	24.64	20.08	22.36	24.61	20.25	22.65	25.47	21.31	23.70
15	24.66	20.46	22.68	24.76	20.39	22.56	24.74	20.62	22.77	25.26	20.97	23.34
16	24.51	19.96	22.26	24.96	20.58	22.73	24.88	20.43	22.66	25.36	21.02	23.35
17	24.44	19.92	22.12	24.94	20.77	22.81	25.01	20.47	22.74	25.52	21.28	23.43
18	24.46	19.82	22.01	24.78	20.14	22.44	24.89	20.64	22.89	24.84	20.40	22.58
19	24.93	20.23	22.39	24.84	20.44	22.63	24.85	20.44	22.65	25.41	20.80	23.21
20	25.27	20.78	23.06	24.82	20.41	22.59	24.56	20.17	22.47	26.20	21.77	24.20
21	25.33	21.21	23.30	24.88	20.34	22.55	24.34	19.95	22.17	26.23	21.85	24.24
22	25.17	20.42	22.66	24.59	20.39	22.61	24.60	19.81	22.30	25.69	21.55	23.80
23	24.19	19.93	21.95	24.59	20.54	22.67	25.11	20.45	22.94	25.55	21.34	23.48
24	23.75	19.73	21.87	24.52	20.27	22.50	25.26	20.66	23.16	25.91	21.34	23.81
25	24.14	19.98	22.24	24.58	20.10	22.47	25.24	20.66	23.15	26.00	21.59	23.99
26	23.99	19.85	22.00	24.80	20.05	22.59	25.21	20.46	23.02	26.18	21.53	24.07
27	24.78	20.16	22.67	24.99	20.07	22.69	25.42	20.34	22.97	26.09	21.65	24.16
28	24.50	19.79	22.31	24.98	19.86	22.50	25.69	20.58	23.19	25.15	20.70	23.28
29	24.92	19.70	22.31	24.99	19.72	22.38	26.63	21.40	24.19	25.12	20.62	23.00
30	25.16	19.80	22.56	25.34	19.98	22.64	24.89	20.04	22.62	25.41	20.67	23.27
31	---	---	---	25.66	20.46	23.04	24.91	20.06	22.60	---	---	---
MONTH	25.36	19.54	22.56	25.66	19.56	22.66	26.63	19.75	22.85	26.23	20.31	23.43

PEE DEE RIVER BASIN

02136361 TURKEY CREEK NEAR MARYVILLE, SC

LOCATION.--Lat 33°19'42'', long 79°20'18'', Georgetown County, Hydrologic Unit 03040207, approximately 2,500 ft upstream of Pennyroyal Road on a pedestrian bridge, 4 mi southwest of Georgetown, and at mile 2.75.

DRAINAGE AREA.--4.67 mi², approximately.

PERIOD OF RECORD.--October 1993 to current year.

GAGE.--Data collection platform. Elevation of gage is 5.0 ft above NGVD of 1929 (from topographic map).

REMARKS.-- Records fair except for estimated daily discharges, which are poor.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.46	0.59	0.61	0.84	2.0	4.9	1.0	0.96	0.40	0.62	0.59	39
2	0.41	0.58	0.60	0.74	1.8	4.3	0.79	1.2	0.36	1.3	0.57	29
3	0.45	0.50	0.63	0.70	2.1	3.8	0.74	2.7	0.39	1.3	0.59	23
4	0.47	0.47	0.85	0.65	2.0	3.5	0.68	2.7	0.38	0.83	0.60	20
5	0.46	0.55	0.98	0.66	1.7	3.0	0.58	2.2	0.42	0.82	0.57	17
6	0.47	0.67	0.84	1.7	1.4	2.8	0.52	1.8	0.45	1.2	0.58	17
7	0.46	0.85	0.80	5.4	1.4	2.5	1.7	1.4	0.37	1.0	0.54	17
8	0.52	0.74	0.77	4.5	1.2	2.3	6.4	1.2	0.37	0.91	e0.52	16
9	0.52	0.66	0.76	4.3	1.1	1.9	4.3	0.93	0.43	0.85	e0.49	15
10	0.41	0.71	1.1	4.1	1.0	1.4	1.1	0.81	0.47	0.80	0.48	13
11	0.47	0.78	1.5	3.5	1.2	1.0	0.94	0.74	0.47	0.85	0.47	12
12	0.54	0.74	1.1	3.1	5.3	0.91	1.1	0.70	0.46	0.87	0.69	12
13	0.53	0.65	0.83	2.7	6.8	0.89	1.8	0.63	0.53	0.84	2.1	10
14	0.53	0.65	1.6	2.3	6.6	0.95	1.6	0.69	0.56	0.79	31	9.5
15	0.52	0.71	1.6	2.0	7.9	1.0	1.3	0.71	0.54	0.75	65	8.9
16	0.49	0.64	1.3	1.6	e8.8	1.1	1.2	0.72	0.54	0.71	49	8.2
17	0.47	0.48	1.1	1.7	e9.5	1.1	1.1	0.70	0.49	0.68	35	7.6
18	0.45	0.48	1.2	1.6	9.9	0.93	0.97	0.61	0.39	0.74	28	7.2
19	0.47	0.47	1.1	1.6	9.3	0.86	0.97	0.61	0.36	0.82	22	6.0
20	0.52	0.52	0.97	1.3	8.5	0.88	2.1	0.59	0.49	0.89	18	4.8
21	0.55	0.64	0.89	1.5	7.6	0.80	2.1	0.58	0.41	0.79	15	4.0
22	0.47	0.61	0.86	1.4	6.6	0.76	1.2	0.60	0.37	0.76	13	3.4
23	0.43	0.57	0.99	1.3	5.9	0.70	0.88	0.59	0.35	0.69	13	2.9
24	0.44	0.55	1.1	1.2	5.3	0.71	0.78	0.54	0.30	0.77	11	2.7
25	0.42	0.48	1.0	1.1	3.9	0.67	0.71	0.45	0.30	0.73	8.9	2.4
26	0.52	0.48	0.97	1.4	4.4	0.70	0.65	0.39	0.33	0.73	7.7	2.3
27	0.45	0.56	0.96	3.3	6.2	0.69	0.72	0.37	0.42	0.67	7.4	3.1
28	0.91	0.54	0.91	3.0	6.1	0.70	0.74	0.33	0.42	0.65	7.2	3.5
29	1.7	0.65	0.81	2.6	5.4	0.73	0.72	0.41	0.47	0.59	19	2.8
30	0.78	0.66	0.78	2.4	---	1.0	0.67	0.42	0.61	0.63	24	2.5
31	0.66	---	0.80	2.2	---	1.2	---	0.45	---	0.61	27	---
TOTAL	16.95	18.18	30.31	66.39	140.9	48.68	40.06	27.73	12.85	25.19	409.99	321.8
MEAN	0.55	0.61	0.98	2.14	4.86	1.57	1.34	0.89	0.43	0.81	13.2	10.7
MAX	1.7	0.85	1.6	5.4	9.9	4.9	6.4	2.7	0.61	1.3	65	39
MIN	0.41	0.47	0.60	0.65	1.0	0.67	0.52	0.33	0.30	0.59	0.47	2.3
CFSM	0.12	0.13	0.21	0.46	1.04	0.34	0.29	0.19	0.09	0.17	2.83	2.30
IN.	0.14	0.14	0.24	0.53	1.12	0.39	0.32	0.22	0.10	0.20	3.27	2.56

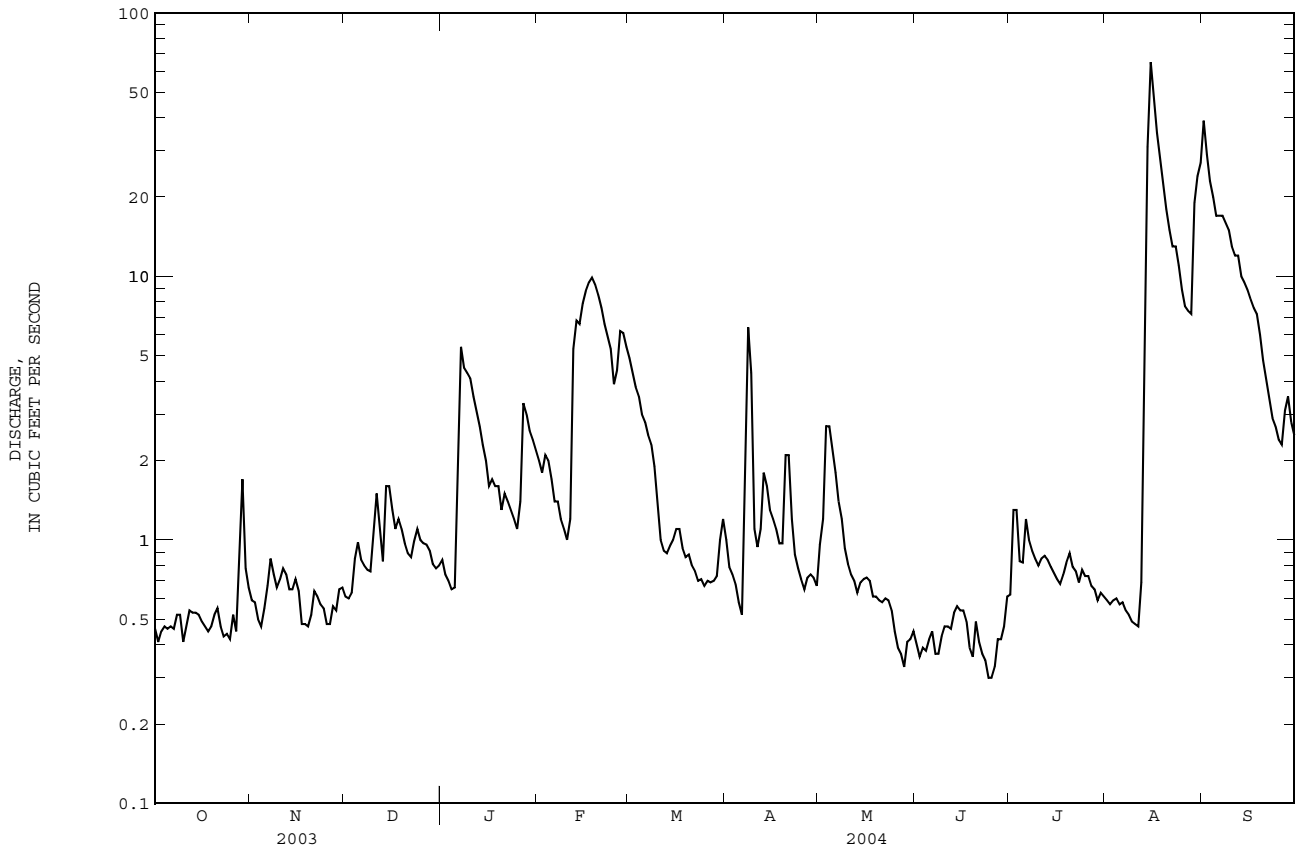
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1994 - 2004, BY WATER YEAR (WY)

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	
MEAN	6.07	2.80	4.09	5.82	6.68	6.95	3.17	2.33	3.80	4.53	21.4	17.0
MAX	22.7	7.52	14.1	30.8	37.3	20.9	8.11	11.2	15.9	13.9	187	86.6
(WY)	2000	1998	1995	1998	1998	2003	2003	2003	1997	2003	1995	1995
MIN	0.44	0.33	0.36	0.28	0.45	0.46	0.56	0.14	0.23	0.36	0.52	0.36
(WY)	2002	2002	2002	2002	2002	2002	2002	1994	1998	1998	1998	2001

02136361 TURKEY CREEK NEAR MARYVILLE, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR	FOR 2004 WATER YEAR	WATER YEARS 1994 - 2004	
ANNUAL TOTAL	2556.96	1159.03		
ANNUAL MEAN	7.01	3.17	7.06	
HIGHEST ANNUAL MEAN			27.8	1995
LOWEST ANNUAL MEAN			2.09	2002
HIGHEST DAILY MEAN	92 Mar 20	65 Aug 15	e 1350	Aug 27 1995
LOWEST DAILY MEAN	e 0.16 Apr 7	0.30 a Jun 24	0.03	Aug 29 1997
ANNUAL SEVEN-DAY MINIMUM	0.45 Oct 1	0.35 Jun 21	0.06	May 23 1994
MAXIMUM PEAK FLOW		80 Aug 15	b 1500	Aug 27 1995
MAXIMUM PEAK STAGE		2.86 Aug 15	c 4.56	Aug 27 1995
ANNUAL RUNOFF (CFSM)	1.50	0.678	1.51	
ANNUAL RUNOFF (INCHES)	20.37	9.23	20.54	
10 PERCENT EXCEEDS	18	8.0	13	
50 PERCENT EXCEEDS	2.7	0.85	1.4	
90 PERCENT EXCEEDS	0.53	0.46	0.33	

- a Also occurred June 25.
- b From rating curve extended above 59.5 ft³/s on basis of slope-area computation of peak discharge.
- c From floodmarks.
- e Estimated



Pee DEE RIVER BASIN

02136370 SAMPIT RIVER AT GEORGETOWN, SC

LOCATION.--Lat 33°21'22'', long 79°17'41'', Georgetown County, Hydrologic Unit 03040207, on right bank, 200 ft upstream of the U.S. Highway 17 bridge, and at mile 1.2.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--November 1998 to September 2004 (discontinued).

GAGE.--Data collection platform. Elevation of gage is 14 ft below NGVD of 1929 (from topographic map).

REMARKS.--Gage height affected by tide.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 21.18 ft, Oct. 17, 1999; minimum gage height, 12.73 ft, Jan. 10, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 20.88 ft, Aug. 29; minimum gage height, 13.84 ft, Feb. 8.

Gage height, feet WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	20.53	16.31	18.50	20.08	16.27	18.23	18.52	14.74	16.73	18.72	14.89	16.90
2	20.33	16.32	18.39	20.08	16.38	18.36	18.75	15.03	16.92	18.83	14.85	16.98
3	20.41	16.59	18.55	20.22	16.67	18.60	18.92	15.25	17.37	18.78	14.85	16.93
4	19.90	15.98	18.21	19.85	16.33	18.27	19.46	15.64	18.00	18.88	14.83	16.93
5	19.68	15.65	17.72	19.68	16.08	18.03	19.46	15.79	17.61	18.90	14.76	16.83
6	19.66	15.62	17.69	19.67	15.85	17.87	19.12	15.37	17.35	18.77	14.65	16.82
7	19.77	15.70	17.86	19.60	15.66	17.81	19.61	15.42	17.68	19.17	14.91	17.13
8	19.78	15.98	18.01	20.16	16.12	18.40	19.78	15.69	17.86	19.44	15.05	17.32
9	19.80	15.90	18.05	20.17	16.61	18.44	19.91	15.95	17.95	19.63	15.22	17.45
10	19.86	16.04	18.06	20.09	16.31	18.19	20.15	15.96	18.15	19.75	15.47	17.59
11	20.05	15.99	18.13	19.85	15.98	17.85	18.90	15.25	17.01	19.60	15.44	17.50
12	20.00	16.26	18.21	19.37	15.58	17.40	19.52	15.20	17.40	18.89	14.70	16.72
13	19.91	16.19	18.13	18.52	14.90	16.68	19.89	15.89	18.13	18.81	14.62	16.72
14	20.12	16.37	18.32	19.10	15.23	17.06	19.97	16.08	18.14	19.10	15.00	17.19
15	19.19	15.56	17.47	19.06	15.32	17.20	19.11	15.29	17.16	19.00	14.90	16.88
16	19.68	16.10	17.81	18.97	15.42	17.11	19.26	15.61	17.47	19.22	15.19	17.43
17	19.34	15.84	17.70	18.66	15.19	16.95	19.38	14.68	17.15	19.42	15.26	17.48
18	19.41	15.96	17.70	19.21	15.57	17.39	18.94	14.67	17.10	19.78	14.61	17.34
19	19.59	16.24	17.96	19.39	14.90	17.70	18.90	14.60	16.76	19.40	14.25	17.15
20	19.32	15.75	17.64	19.59	14.87	17.48	19.22	14.64	17.03	19.94	14.93	17.59
21	19.40	15.55	17.63	19.99	15.56	18.03	19.70	14.59	17.34	19.99	14.96	17.56
22	19.60	15.21	17.37	20.04	15.53	17.88	19.75	14.88	17.35	19.71	14.89	17.20
23	19.97	15.54	18.10	20.15	15.33	17.80	19.92	14.68	17.41	19.19	14.28	16.83
24	20.25	15.83	18.37	20.35	15.22	17.82	20.02	15.02	17.41	18.85	14.61	16.76
25	20.41	15.92	18.19	20.30	14.94	17.80	19.65	14.66	17.10	19.98	15.58	17.82
26	20.09	15.38	17.76	20.59	15.75	18.16	19.55	14.79	17.13	19.72	15.72	17.79
27	20.24	15.39	17.79	20.46	15.81	18.12	19.61	14.98	17.24	19.34	15.34	17.44
28	20.37	15.36	17.95	20.03	15.20	17.55	19.39	15.21	17.32	18.36	14.69	16.50
29	20.17	15.74	18.02	18.53	14.06	16.18	19.02	15.31	17.18	18.38	14.88	16.64
30	20.33	16.01	18.22	18.98	15.01	17.01	18.94	14.62	16.84	18.43	14.77	16.56
31	20.26	16.28	18.24	---	---	---	18.71	15.11	17.04	18.53	15.43	17.12
MONTH	20.53	15.21	17.99	20.59	14.06	17.71	20.15	14.59	17.37	19.99	14.25	17.13

Pee DEE RIVER BASIN

02136370 SAMPIT RIVER AT GEORGETOWN, SC--Continued

Gage height, feet
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	19.20	15.72	17.56	19.10	15.13	17.22	18.91	15.10	17.10	18.90	15.07	17.16
2	19.50	16.01	17.88	18.64	14.58	16.63	18.81	14.94	17.04	19.14	14.73	16.98
3	19.54	15.18	17.30	18.41	14.53	16.53	19.25	14.87	17.24	18.99	14.29	16.78
4	---	---	---	18.89	14.71	16.84	19.31	14.87	17.21	19.85	14.38	17.05
5	---	---	---	19.02	14.74	16.93	19.57	14.93	17.28	19.76	14.83	17.26
6	---	---	---	19.03	14.57	16.74	19.75	15.17	17.47	19.80	14.66	17.12
7	18.72	14.45	16.50	19.07	14.37	16.80	19.47	14.63	17.09	19.79	14.94	17.22
8	18.74	13.84	16.38	19.33	14.12	16.64	19.67	14.92	17.12	19.80	15.06	17.32
9	19.23	14.68	17.02	19.90	15.16	17.62	19.67	15.32	17.43	19.75	15.48	17.51
10	18.85	14.64	16.73	19.79	15.28	17.64	19.86	15.53	17.59	19.68	15.56	17.57
11	18.63	14.58	16.65	19.65	15.37	17.51	19.52	15.22	17.22	19.53	15.51	17.48
12	19.14	15.25	17.41	19.55	15.23	17.23	19.31	15.46	17.46	19.29	15.26	17.37
13	19.32	15.17	17.19	19.49	15.52	17.42	19.26	14.54	17.12	19.01	15.06	17.17
14	19.27	15.28	17.26	19.66	15.23	17.47	17.99	14.06	16.14	18.92	14.91	17.10
15	19.83	15.55	17.92	19.25	15.13	17.16	18.80	14.17	16.79	19.03	14.89	17.08
16	19.74	15.59	17.76	19.40	15.16	17.39	19.20	14.92	17.25	19.05	14.80	17.00
17	20.09	15.60	17.93	19.46	15.11	17.60	18.91	14.88	17.00	19.02	14.69	16.89
18	19.79	15.28	17.52	19.70	15.37	17.68	18.72	14.52	16.68	19.05	14.70	16.84
19	19.78	15.14	17.51	19.54	15.13	17.49	18.60	14.33	16.45	18.93	14.70	16.78
20	19.73	15.13	17.39	20.17	15.83	18.07	18.67	14.15	16.28	18.60	14.45	16.48
21	19.22	14.83	17.01	19.27	14.90	17.33	18.90	14.55	16.60	18.67	14.52	16.40
22	19.67	15.04	17.42	19.34	15.13	17.40	18.66	14.59	16.59	18.69	14.76	16.57
23	19.69	15.29	17.50	19.35	15.37	17.46	18.52	14.62	16.39	18.67	14.86	16.64
24	19.65	15.78	17.77	19.09	14.95	17.05	18.39	14.59	16.35	18.70	14.81	16.59
25	19.79	16.42	18.18	18.95	14.75	16.73	18.47	15.09	16.81	18.42	14.84	16.48
26	20.27	17.27	18.72	18.61	14.67	16.52	18.68	15.20	16.82	18.33	14.78	16.54
27	19.56	15.78	17.84	18.42	15.05	16.67	18.46	15.17	16.80	18.33	14.75	16.65
28	19.51	15.64	17.85	18.73	15.10	17.14	18.71	15.62	17.12	18.55	14.94	16.84
29	19.16	15.55	17.27	19.40	16.42	17.95	18.74	15.23	17.04	19.02	14.89	17.08
30	---	---	---	19.64	16.20	18.02	18.65	14.88	16.96	19.59	15.39	17.61
31	---	---	---	19.56	15.54	17.86	---	---	---	19.28	14.74	17.20
MONTH	---	---	---	20.17	14.12	17.25	19.86	14.06	16.95	19.85	14.29	16.99

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	19.63	14.50	16.98	19.80	14.67	17.20	20.14	15.47	17.84	19.38	15.11	17.29
2	19.83	14.71	17.19	19.80	14.85	17.20	20.25	15.68	17.92	19.75	15.46	17.76
3	19.89	14.64	17.20	19.89	15.02	17.34	20.16	15.86	17.92	19.72	15.90	17.84
4	19.81	14.71	17.18	19.84	15.15	17.35	19.84	15.70	17.71	19.60	15.70	17.77
5	19.89	14.85	17.17	19.78	15.14	17.32	19.59	15.69	17.65	19.71	16.20	18.10
6	19.86	15.30	17.46	19.57	15.25	17.35	19.43	15.50	17.68	19.67	16.63	18.31
7	19.83	15.44	17.47	19.51	15.47	17.58	19.69	16.04	18.00	19.76	16.58	18.32
8	19.62	15.53	17.52	19.36	15.45	17.58	19.26	15.82	17.65	19.30	16.23	17.99
9	19.36	15.38	17.39	19.26	15.45	17.51	19.07	15.53	17.39	18.85	15.42	17.18
10	19.13	15.35	17.40	19.10	15.35	17.41	18.98	15.37	17.27	19.06	15.25	17.10
11	19.05	15.06	17.22	19.22	15.38	17.46	18.88	15.21	17.10	19.56	15.61	17.73
12	19.61	15.18	17.51	19.20	15.50	17.47	18.76	15.14	16.92	19.66	16.01	18.04
13	19.78	16.18	18.07	19.09	15.16	17.22	18.68	14.58	16.69	20.10	16.11	18.15
14	19.46	15.59	17.60	19.11	15.03	17.06	19.25	15.16	17.22	19.97	16.32	18.28
15	19.14	15.34	17.32	19.32	15.31	17.24	19.17	15.37	17.29	19.76	15.86	17.94
16	18.98	14.88	16.92	19.47	15.48	17.41	19.35	15.19	17.21	19.84	15.92	17.96
17	18.90	14.83	16.80	19.44	15.65	17.47	19.69	15.32	17.36	20.03	16.23	18.01
18	18.93	14.72	16.73	19.28	15.11	17.15	19.50	15.67	17.64	19.38	15.30	17.27
19	19.45	15.14	17.12	19.24	15.33	17.26	19.25	15.48	17.42	19.92	15.63	17.86
20	19.86	15.75	17.74	19.23	15.24	17.20	19.20	15.22	17.25	20.75	16.87	18.79
21	19.79	16.12	17.93	19.15	15.30	17.21	19.02	15.00	16.98	20.78	16.95	18.82
22	19.69	15.36	17.32	19.11	15.30	17.26	19.26	14.87	17.12	20.24	16.61	18.39
23	18.69	14.92	16.67	19.09	15.46	17.32	19.74	15.46	17.70	19.98	16.20	18.08
24	18.33	14.70	16.59	19.00	15.20	17.16	19.92	15.64	17.91	20.46	16.36	18.42
25	18.66	14.98	16.93	19.12	15.07	17.15	19.98	15.76	17.99	20.57	16.64	18.62
26	18.51	14.79	16.73	19.31	15.01	17.24	19.90	15.55	17.85	20.76	16.63	18.71
27	19.25	15.10	17.31	19.51	14.99	17.34	19.92	15.17	17.67	20.63	16.77	18.75
28	19.01	14.76	17.00	19.49	14.77	17.14	20.20	15.37	17.84	19.70	15.55	17.85
29	19.42	14.61	16.97	19.51	14.62	17.05	20.88	16.53	18.60	19.60	15.42	17.61
30	19.68	14.71	17.24	19.89	14.88	17.33	19.32	14.80	17.14	19.92	15.56	17.88
31	---	---	---	20.22	15.32	17.71	19.34	14.81	17.10	---	---	---
MONTH	19.89	14.50	17.22	20.22	14.62	17.31	20.88	14.58	17.52	20.78	15.11	18.03

SANTÉE RIVER BASIN

02146000 CATAWBA RIVER NEAR ROCK HILL, SC

LOCATION.--Lat 34°59'05'', long 80°58'27'', York County, Hydrologic Unit 03050103, on right bank, at downstream side of bridge on U.S. Highway 21, 3.5 mi downstream from Lake Wylie Dam, 5.0 mi northeast of Rock Hill, 7.5 mi upstream from Sugar Creek, and at mile 137.6.

DRAINAGE AREA.--3,050 mi², approximately.

PERIOD OF RECORD.--October 1895 to September 1902, April 1942 to current year. Monthly discharge only for some periods, published in WSP 1303.

REVISED RECORDS.--WSP 1303: 1895-1903, WSP 1333: 1942-43(M), 1953(M). WSP 1623: 1942-51 (yearly runoff).

GAGE.--Data collection platform. Datum of gage is 485.82 ft above NGVD of 1929. Sept. 23, 1895, to July 31, 1903, nonrecording gage at Southern Railway bridge, 2.0 mi downstream, at different datum.

REMARKS.--No estimated daily discharges. Records good. Flow regulated by Lake Wylie (usable capacity, 2,520,500,000 ft³).

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1650	2130	4070	3900	2150	2360	1560	2990	2270	4620	1430	1130
2	3690	2140	4670	3400	1160	2290	2080	1610	2160	2740	1310	4080
3	2400	1230	5720	3780	1450	2090	2040	3180	2360	2030	3240	3020
4	840	1130	5130	3740	4610	2640	2100	2290	1610	2140	4970	2130
5	946	1670	6740	3290	3080	2460	1440	2030	1420	2240	1340	3510
6	2260	2460	4240	4290	3370	2330	2610	1510	1740	2480	1250	2530
7	3380	2460	3510	6610	3710	2070	824	1740	1320	5400	1630	3710
8	2420	2440	2730	5180	6230	3070	1570	1820	1720	6180	1380	10000
9	2780	2430	1240	5570	3890	2640	1670	1500	1400	5090	4730	17300
10	3220	2450	2140	3780	4020	2050	1250	2290	1540	1750	4750	47200
11	1130	2470	3390	3410	3680	2530	895	2560	1430	1080	1980	29200
12	1360	2450	3720	3930	5300	1550	1540	2530	1420	2390	1290	27200
13	3250	2380	3740	3540	3950	3210	2710	2550	1340	3080	3000	24600
14	3370	2450	3800	4090	2020	2780	4660	1400	1230	3070	1770	21700
15	2710	2480	3700	1640	711	1970	2960	2150	1790	1630	1480	19900
16	2540	2460	3590	4350	1030	2690	2470	1000	1330	2730	2010	18500
17	3540	2440	2480	4310	1290	3030	2600	646	1890	1730	2090	11000
18	1670	2670	1600	3040	1900	3440	1850	1510	1240	1620	1970	6280
19	1260	3540	4080	4530	2240	1430	3230	2000	1350	2190	4560	1860
20	3370	2790	7460	5020	3450	2000	2900	2690	1440	3020	2680	8250
21	2870	3400	5660	4220	1450	1790	2010	1950	1290	2830	2740	5500
22	3490	7030	5960	3500	1320	2110	2140	1700	1810	1430	1230	6900
23	2690	7430	6430	3100	1580	1890	2010	1560	2660	3040	2840	7520
24	3810	6830	3970	2260	1640	2230	2990	1850	6860	1830	309	6230
25	1770	6850	5640	1540	3910	1920	1780	1430	7370	1670	996	10300
26	3250	5260	5380	4960	4510	2800	2380	1770	6610	1680	4940	9060
27	2980	4400	4220	4870	4140	1280	1470	1120	5450	1820	5570	3060
28	5430	4220	3130	3240	5160	1250	2660	1080	2070	2080	1710	2650
29	3770	5150	7340	4390	2880	1920	3390	1110	4050	1080	983	4260
30	1460	3850	5710	7060	---	1870	2640	1090	5300	4850	1410	10900
31	412	---	5760	4880	---	1920	---	1460	---	1850	1430	---
TOTAL	79718	101090	136950	125420	85831	69610	66429	56116	75470	81370	73018	329480
MEAN	2572	3370	4418	4046	2960	2245	2214	1810	2516	2625	2355	10980
MAX	5430	7430	7460	7060	6230	3440	4660	3180	7370	6180	5570	47200
MIN	412	1130	1240	1540	711	1250	824	646	1230	1080	309	1130
CFSM	0.84	1.10	1.45	1.33	0.97	0.74	0.73	0.59	0.82	0.86	0.77	3.60
IN.	0.97	1.23	1.67	1.53	1.05	0.85	0.81	0.68	0.92	0.99	0.89	4.02

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1896 - 2004, BY WATER YEAR (WY)

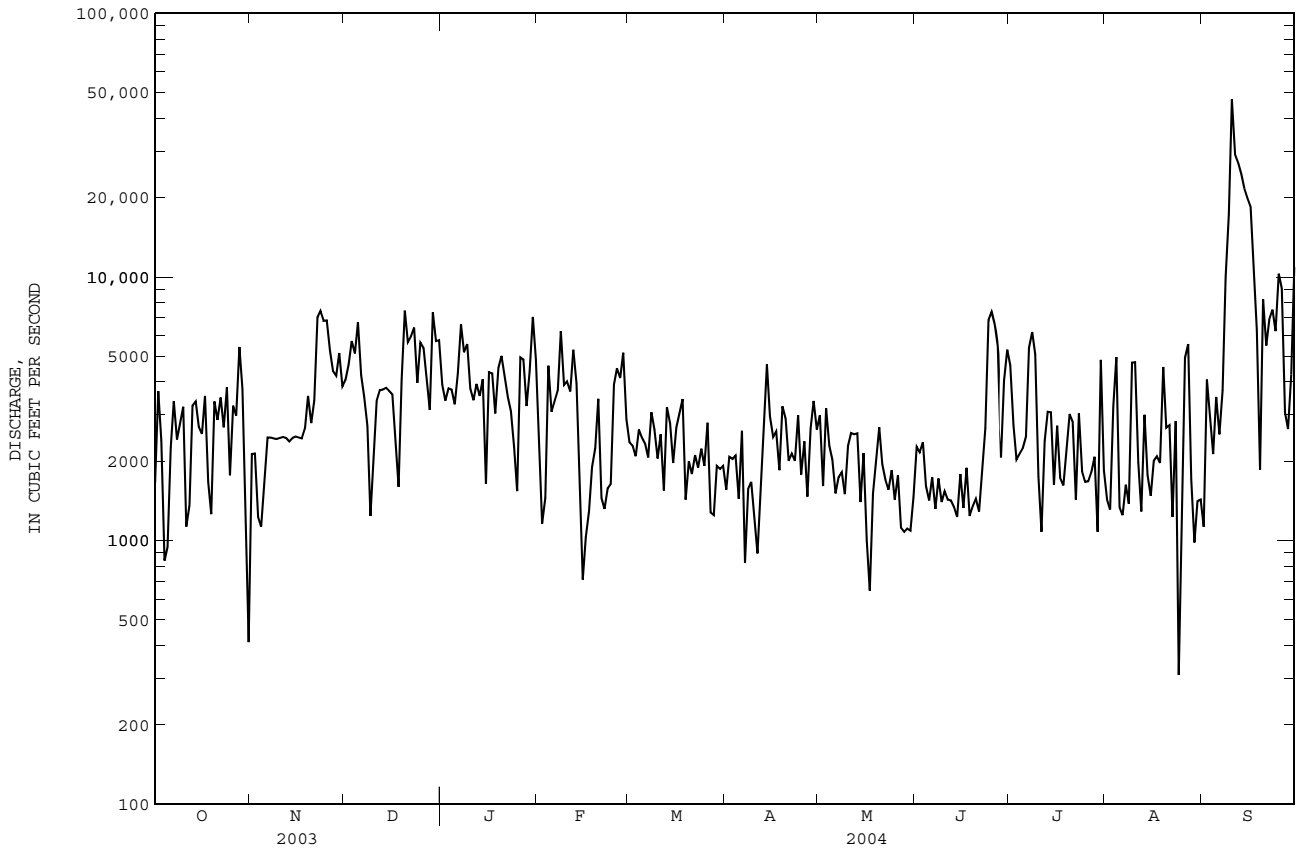
	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
MEAN	3325	3447	4102	5158	5781	6115	5516	4261	3872	3237	3415	3080																																																																																																	
MAX	10680	12400	14270	10630	14950	19510	15970	15360	10120	10340	22230	10980																																																																																																	
(WY)	1899	1978	1902	1946	1899	1899	1901	1901	1901	1896	1901	2004																																																																																																	
MIN	652	705	583	741	886	1119	1211	910	999	933	989	743																																																																																																	
(WY)	2003	2002	2002	2002	2002	2002	1985	1986	2002	1986	2001	2001																																																																																																	

02146000 CATAWBA RIVER NEAR ROCK HILL, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1896 - 2004	
ANNUAL TOTAL	2277794		1280502		4269	
ANNUAL MEAN	6241		3499		9635	
HIGHEST ANNUAL MEAN					1901	
LOWEST ANNUAL MEAN					932	
HIGHEST DAILY MEAN	35700	Mar 21	47200	Sep 10	127000	May 23 1901
LOWEST DAILY MEAN	412	Oct 31	309	Aug 24	e 132	Jan 7 2002
ANNUAL SEVEN-DAY MINIMUM	1340	Jan 28	1290	May 25	474	Jan 18 2002
MAXIMUM PEAK FLOW			54400		151000	
MAXIMUM PEAK STAGE			15.90		a 24.15	
ANNUAL RUNOFF (CFSM)	2.05		1.15		1.40	
ANNUAL RUNOFF (INCHES)	27.78		15.62		19.02	
10 PERCENT EXCEEDS	12100		5710		8600	
50 PERCENT EXCEEDS	4990		2540		3400	
90 PERCENT EXCEEDS	1780		1320		886	

a At site and datum then in use.

e Estimated



SANTEE RIVER BASIN

02147020 CATAWBA RIVER BELOW CATAWBA, SC

LOCATION.--Lat 34°50'10'', long 80°52'47'', York County, Hydrologic Unit 03050103, on right bank, 1.5 mi downstream from Twelvemile Creek, 2.2 mi southeast of Catawba, and at mile 121.3.

DRAINAGE AREA.--3,540 mi², approximately.

PERIOD OF RECORD.--January 1992 to current year.

GAGE.--Data collection platform. Datum of gage is 442.0 ft above NGVD of 1929 (by Global Positioning Survey). June 1906 to Dec. 21, 1948, nonrecording gage at site 0.6 mi downstream at different datum. October 1967 to January 1992, recording gage at site 1.5 mi upstream at different datum and published as station 02147000.

REMARKS.--Records good except for estimated daily discharges, which are poor. Flow regulated by Lake Wylie (usable capacity, 2,520,500,000 ft³).

EXTREMES FOR OUTSIDE PERIOD OF RECORD.--Maximum stage known since June 1906, 40.4 ft July 16, 1916, at site and datum then in use, from records furnished by the National Weather Service.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3590	1750	3870	4780	2950	4040	3620	3130	2530	5140	2300	2150
2	2690	2350	6110	3710	1750	5810	2710	2700	2920	3930	2140	3870
3	3540	1940	5480	3970	2140	4300	3140	4040	2380	3680	3910	4920
4	1270	1280	5280	4520	3810	3630	1810	3180	3030	2640	5320	2520
5	1210	1340	7090	2710	4690	3350	3040	2620	1650	3160	3100	3990
6	1950	2540	4960	5150	4200	3180	2820	2290	1980	3210	1600	3790
7	2860	2760	3550	6980	9400	2920	2120	2570	2270	4910	2150	5940
8	3020	2730	4450	4990	7390	2780	1710	2170	1920	7830	1840	16200
9	2640	2740	1360	6020	5750	4090	1670	2170	2390	5570	5500	20200
10	5010	2720	1600	3910	3880	3370	2450	2930	2390	3780	5820	40700
11	1890	2740	4950	5080	4320	2150	657	2030	2260	1800	2350	31900
12	1370	2760	4180	4140	5720	2570	1790	3700	1740	3030	2240	27000
13	3520	2690	4080	3670	7450	3500	3340	2760	2150	4080	5590	25400
14	3680	2680	5440	4520	3750	2860	6840	2760	2250	4100	4830	21800
15	2600	2730	4810	2170	1860	2580	3790	1510	2790	2920	4690	20600
16	3840	2740	4210	3460	2160	2790	2850	2620	2900	3010	2660	18600
17	2680	2710	3590	5080	725	5050	2900	1320	2760	2720	3260	14600
18	3230	2740	1410	4610	2920	3080	2870	1030	1920	4020	2870	8690
19	977	3900	3930	3140	2220	3400	2750	2990	1610	3510	3690	4340
20	2270	3900	7500	6560	4220	2180	4000	2400	2080	3780	4720	6450
21	3470	2770	5660	3980	2370	2010	2680	2990	2120	3860	4500	5750
22	3520	6660	6410	4980	1840	3040	2860	2640	3130	2150	1410	6190
23	3200	6580	6890	2380	2110	3080	3050	2220	3350	3530	4450	7460
24	3790	7200	3820	4180	1810	2710	3060	2360	9740	3020	1140	7730
25	3180	7060	6050	1080	3380	1810	1870	1970	9290	2300	796	8470
26	1750	6310	6280	4710	6400	3250	3860	1980	8460	2430	5290	9810
27	3470	5490	4420	4670	3980	2550	2120	1820	7940	2830	6720	4780
28	4540	3730	3980	4690	6460	1410	2750	1430	3770	4860	2580	8840
29	6820	5650	6620	4270	6480	2130	3290	1450	3800	2390	2220	7890
30	2710	4070	6110	6010	---	e2390	4770	1460	6220	5880	2480	12000
31	451	---	6760	7660	---	2020	---	1840	---	3740	3040	---
TOTAL	90738	107260	150850	137780	116135	94030	87187	73080	103740	113810	105206	362580
MEAN	2927	3575	4866	4445	4005	3033	2906	2357	3458	3671	3394	12090
MAX	6820	7200	7500	7660	9400	5810	6840	4040	9740	7830	6720	40700
MIN	451	1280	1360	1080	725	1410	657	1030	1610	1800	796	2150
CFSM	0.83	1.01	1.37	1.26	1.13	0.86	0.82	0.67	0.98	1.04	0.96	3.41
IN.	0.95	1.13	1.59	1.45	1.22	0.99	0.92	0.77	1.09	1.20	1.11	3.81

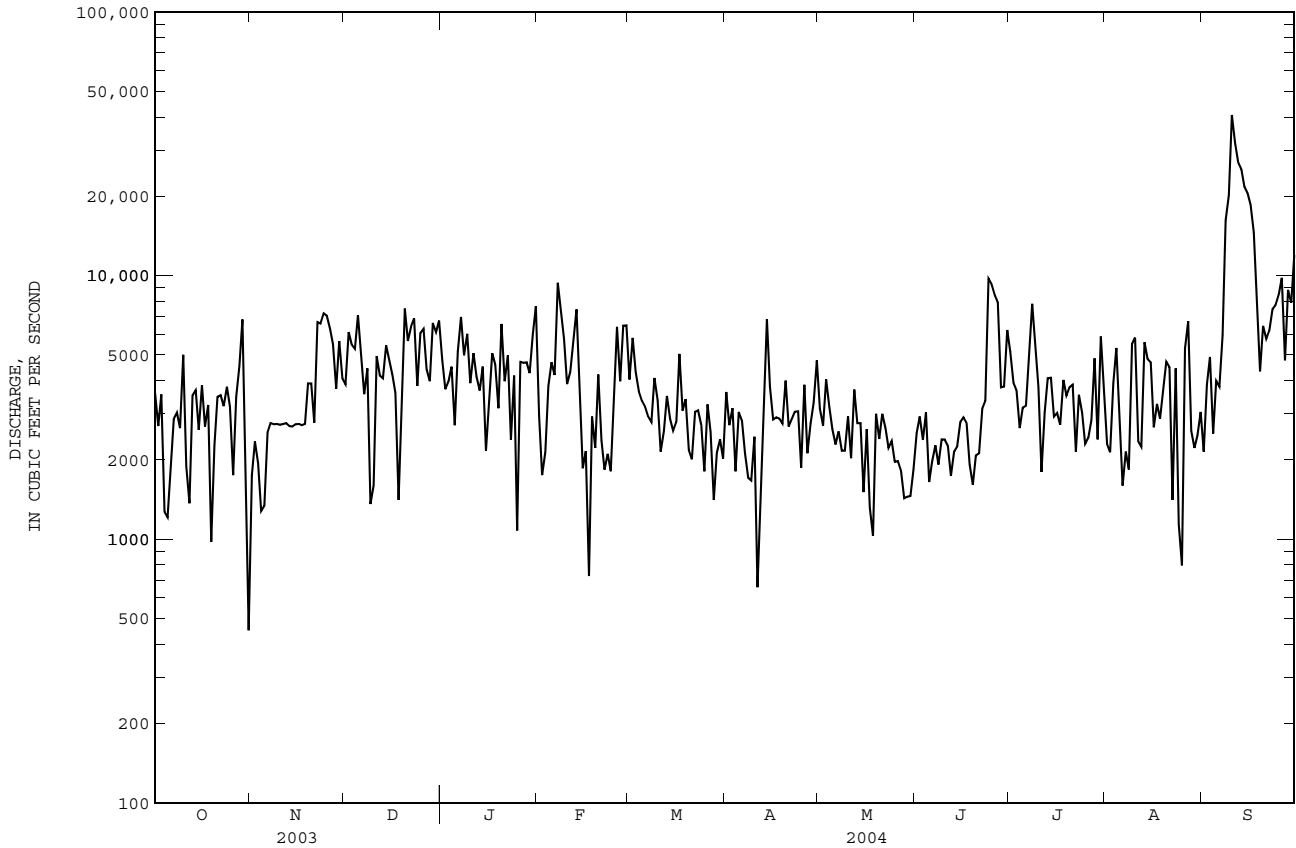
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1992 - 2004, BY WATER YEAR (WY)

	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
MEAN	2722	3119	4210	5869	6378	6721	5708	4051	4069	2995	3520	2983	
MAX	7722	7780	8630	11270	12570	14200	15940	12380	11300	7688	8733	12090	
(WY)	1996	1993	1993	1993	1998	1993	2003	2003	2003	2003	1994	2004	
MIN	991	1164	1067	1710	1463	2090	1950	1541	1305	1153	1142	1138	
(WY)	1994	2002	2002	2002	2002	2002	2002	2002	2002	2001	2001	1999	

02147020 CATAWBA RIVER BELOW CATAWBA, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1992 - 2004	
ANNUAL TOTAL	2801098		1542396		4328	
ANNUAL MEAN	7674		4214		7556	
HIGHEST ANNUAL MEAN					1477	
LOWEST ANNUAL MEAN					2002	
HIGHEST DAILY MEAN	e 49800	Apr 11	40700	Sep 10	e 49800	Apr 11 2003
LOWEST DAILY MEAN	451	Oct 31	451	Oct 31	451	Oct 31 2003
ANNUAL SEVEN-DAY MINIMUM	1660	Oct 31	1660	Oct 31	807	Oct 9 1993
MAXIMUM PEAK FLOW			46400		Sep 10	
MAXIMUM PEAK STAGE			20.29		Sep 10	
ANNUAL RUNOFF (CFSM)	2.17		1.19		22.69	
ANNUAL RUNOFF (INCHES)	29.44		16.21		1.22	
10 PERCENT EXCEEDS	13900		6730		9410	
50 PERCENT EXCEEDS	6300		3220		2910	
90 PERCENT EXCEEDS	2530		1810		1090	

e Estimated



SANTEE RIVER BASIN

02147500 ROCKY CREEK AT GREAT FALLS, SC

LOCATION.--Lat 34°33'55'', long 80°55'12'', Chester County, Hydrologic Unit 03050103, on left bank, 350 ft downstream from Turkey Branch, 1.0 mi west of Great Falls, and at mile 1.8.

DRAINAGE AREA.--194 mi².

PERIOD OF RECORD.--March 1951 to September 1981, October 1986 to current year.

GAGE.--Data collection platform. Elevation of gage is 299 ft above NGVD of 1929 (by barometer).

REMARKS.--Records fair except for estimated daily discharges, which are poor.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12	20	19	25	28	511	107	e44	9.1	11	29	71
2	12	20	19	25	28	784	94	e62	7.7	11	18	127
3	11	19	18	25	54	423	74	e59	7.0	73	12	51
4	11	19	19	25	76	237	64	e43	7.3	54	8.7	30
5	12	18	26	26	49	166	56	e27	7.4	28	6.3	22
6	12	19	29	31	53	134	50	26	6.4	27	4.9	17
7	16	19	22	31	521	113	49	24	6.3	24	3.8	221
8	23	20	21	25	210	93	49	22	9.9	21	3.1	4860
9	44	18	20	28	104	85	47	21	35	19	2.9	1660
10	33	17	27	33	78	79	44	20	37	19	2.6	316
11	27	18	97	28	66	71	44	18	17	12	2.6	198
12	29	18	53	26	195	66	44	23	10	29	4.7	114
13	22	18	36	25	367	61	54	26	7.9	11	14	77
14	20	16	92	25	185	57	90	20	9.8	7.0	296	59
15	23	15	147	25	418	57	69	18	22	5.5	203	47
16	19	17	66	24	429	75	57	17	83	4.1	71	42
17	17	17	51	22	209	70	48	16	34	3.5	44	656
18	17	18	51	27	142	60	43	15	15	28	50	336
19	16	24	43	30	114	56	41	15	10	26	35	114
20	15	42	37	26	95	52	39	17	9.6	12	25	68
21	15	31	32	23	82	71	e38	15	8.2	7.6	21	55
22	16	23	29	23	71	71	e38	14	12	5.7	19	47
23	14	21	29	23	63	56	e44	14	12	4.6	17	41
24	14	20	32	23	60	52	e37	13	13	3.9	17	36
25	14	19	30	26	57	50	35	12	20	3.2	13	31
26	15	19	27	31	64	49	e35	10	22	2.8	12	27
27	18	19	25	30	104	48	e42	9.2	17	4.8	10	45
28	19	21	25	32	169	51	e40	8.4	48	5.9	8.9	919
29	38	24	25	33	332	46	e33	8.1	25	16	9.0	321
30	41	20	26	34	---	48	e36	8.4	14	113	15	135
31	24	---	26	32	---	74	---	8.9	---	61	55	---
TOTAL	619	609	1199	842	4423	3866	1541	654.0	542.6	653.6	1033.5	10743
MEAN	20.0	20.3	38.7	27.2	153	125	51.4	21.1	18.1	21.1	33.3	358
MAX	44	42	147	34	521	784	107	62	83	113	296	4860
MIN	11	15	18	22	28	46	33	8.1	6.3	2.8	2.6	17
CFSM	0.10	0.10	0.20	0.14	0.79	0.64	0.26	0.11	0.09	0.11	0.17	1.85
IN.	0.12	0.12	0.23	0.16	0.85	0.74	0.30	0.13	0.10	0.13	0.20	2.06

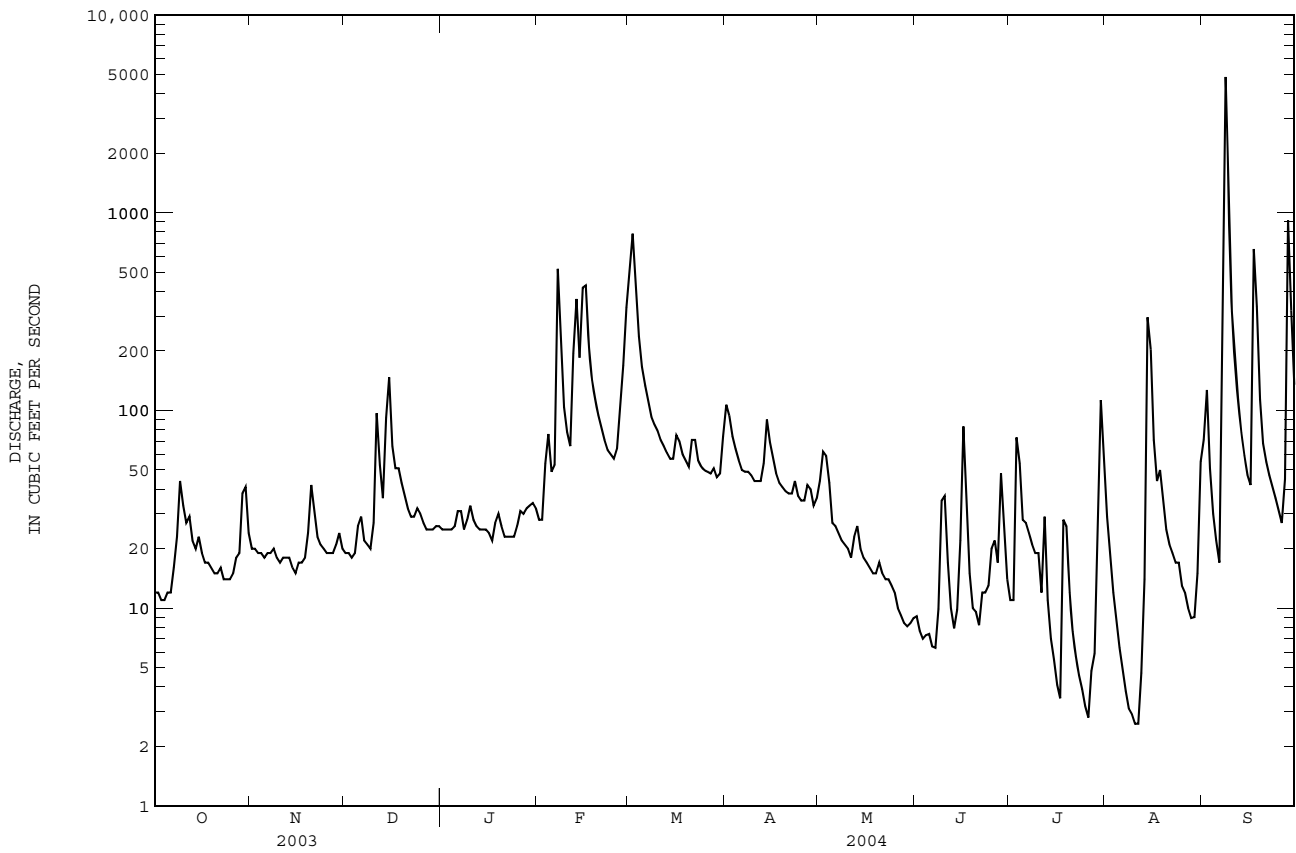
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1951 - 2004, BY WATER YEAR (WY)

MEAN	136	104	153	317	348	397	253	107	85.8	89.4	103	100
MAX	1099	647	544	839	912	1160	791	347	614	679	1387	952
(WY)	1965	1958	1973	1978	1960	1980	1973	1971	1973	1959	1967	1987
MIN	2.11	10.8	22.2	27.2	51.4	49.6	50.7	18.9	7.69	7.00	4.46	0.86
(WY)	1955	1955	2002	2004	2001	1955	1995	2001	2002	2002	1957	1954

02147500 ROCKY CREEK AT GREAT FALLS, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1951 - 2004	
ANNUAL TOTAL	97794		26725.7		183	
ANNUAL MEAN	268		73.0		315	
HIGHEST ANNUAL MEAN					1973	
LOWEST ANNUAL MEAN					52.0	
HIGHEST DAILY MEAN	6510	Mar 20	4860	Sep 8	21100	Aug 24 1967
LOWEST DAILY MEAN	10	Sep 20	2.6 a	Aug 10	0.00 c	Aug 15 2002
ANNUAL SEVEN-DAY MINIMUM	12	Sep 15	3.5	Aug 6	0.03	Aug 11 2002
MAXIMUM PEAK FLOW			7910	Sep 8	31300	Aug 23 1967
MAXIMUM PEAK STAGE			8.93	Sep 8	18.82	Aug 23 1967
INSTANTANEOUS LOW FLOW			2.5 b	Aug 11	0.00 d	Aug 14 2002
ANNUAL RUNOFF (CFSM)	1.38		0.376		0.943	
ANNUAL RUNOFF (INCHES)	18.75		5.12		12.82	
10 PERCENT EXCEEDS	568		109		344	
50 PERCENT EXCEEDS	68		26		62	
90 PERCENT EXCEEDS	17		9.2		16	

- a Also occurred Aug. 11.
- b Also occurred Aug. 12
- c Also occurred Aug. 16, 2002.
- d Also occurred Aug. 15-17, 2002.
- e Estimated



SANTEE RIVER BASIN

02148000 WATEREE RIVER NEAR CAMDEN, SC

LOCATION.--Lat 34°14'40'', long 80°39'15'', Kershaw County, Hydrologic Unit 03050104, on downstream side of pier of downstream bridge on U.S. Highway 1, 1,500 ft downstream from Five and Twenty Creek, 4,000 ft upstream from Seaboard Coast Line Railroad bridge, 2.2 mi west of Camden, 7.4 mi downstream from Wateree Dam, and at mile 68.8.

DRAINAGE AREA.--5,070 mi², approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--January to December 1903 (gage heights only), October 1904 to September 1910, October 1929 to current year. Monthly discharge only for some periods, published in WSP 1303. Gage-height records collected at site 1.5 mi downstream 1891-1934, at site 830 ft upstream January 1935 to September 1942, and at present site since October 1942, are contained in reports of National Weather Service.

REVISED RECORDS.--WSP 802: 1930. WSP 952: Drainage area. WSP 1082: 1934(M). WSP 1433: 1905-10. WSP 1623: 1930-51 (monthly and yearly runoff).

GAGE.--Data collection platform. Datum of gage is 115.36 ft above NGVD of 1929. January 1903 to September 1910, nonrecording gage at site 1.5 mi downstream at datum 117.71 ft above NGVD of 1929. October 1, 1929 to September 1, 1942, recording gage at site 830 ft upstream at datum 119.36 ft above NGVD of 1929. October 1942 to September 30, 1997, recording gage at present site at datum 119.36 ft above NGVD of 1929. October 1, 1997 to September 30, 2003, recording gage at present site at datum 118.36 ft above NGVD of 1929.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Flow regulated by powerplants at Wateree Reservoir (usable capacity, 2,794,000,000 ft³).

EXTREMES FOR OUTSIDE PERIOD OF RECORD.--The flood of July 18, 1916 reached a stage of 40.4 ft, datum 117.71 ft above mean sea level, at site 1.5 mi downstream, from records of National Weather Service, discharge, 400,000 ft³/s, from rating curve extended above 122,000 ft³/s, as explained in footnote below.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2460	2630	6510	6150	8430	9360	2480	2420	1970	5640	5160	7410
2	e2230	2950	5490	5480	10900	6140	2420	2910	2140	6160	2050	9010
3	3950	2100	7330	5880	9260	5070	2450	4780	1690	3880	2730	6540
4	1870	2900	7580	6160	3610	4820	2500	3160	2240	3830	3500	2010
5	902	3060	8210	4710	5290	6250	2580	3160	1440	3910	5810	2220
6	e1340	3070	6100	7180	4040	3470	2460	2780	1800	e1170	3480	6650
7	2870	2590	4690	7000	9080	3180	2500	2460	e3320	6540	2910	14500
8	2270	2210	5840	5100	10900	2670	2360	2520	2640	8560	2120	17800
9	3200	2420	4880	5920	8920	4500	2430	2920	2810	7070	2100	19100
10	5540	4500	2650	6510	7350	2490	2400	2570	1670	3680	2450	25100
11	2630	3870	5080	3970	3890	2530	2360	2920	1460	3550	3410	36000
12	2040	3730	7450	6270	5210	2390	2650	2550	1820	2930	11700	32300
13	2580	4750	4020	5950	5180	3580	2490	2570	1610	1730	6800	29700
14	3210	4300	7220	4540	1000	2410	4410	2560	1380	1590	2540	26600
15	2840	2150	8870	4110	1260	3990	4340	2550	1840	1710	5470	23900
16	3630	3990	6660	4510	2480	4000	2850	2530	2810	4880	7910	22300
17	3430	5140	5220	4630	3050	4340	2670	3000	3900	3230	6930	21300
18	2420	6980	6630	4850	2870	4780	2420	2560	1680	2130	4470	19200
19	e1510	7880	4540	4140	6070	3630	2660	2560	2490	3250	2320	17600
20	e3360	5120	6380	7520	6580	3110	2970	2680	1410	3940	3290	16900
21	3220	3980	7270	4660	9060	2820	2950	2720	1760	4400	3640	7810
22	3330	7950	6820	4020	6570	2850	3230	1580	2250	3220	1370	5450
23	4070	7230	7670	3790	2770	3280	2570	1240	3550	2980	2460	4730
24	4390	8890	6910	2470	2560	2580	2500	2280	5420	1860	1460	5440
25	3680	9150	7630	2340	4960	2960	2390	2200	5840	1830	2720	10200
26	4250	7030	8380	5230	5760	3160	2490	2060	10300	2310	2180	14400
27	4850	6440	6030	6210	5460	3370	3180	1150	9060	2250	1940	12700
28	4430	4660	4420	3780	6610	3420	2900	1530	6180	3330	3070	12500
29	6330	7240	7830	3120	8390	3110	3230	1440	4320	3790	8140	13000
30	4570	6250	6840	1980	---	4120	2440	1650	3440	4190	4060	13700
31	2630	---	6930	1660	---	3220	---	1590	---	6210	5680	---
TOTAL	100032	145160	198080	149840	167510	117600	82280	75600	94240	115750	123870	456070
MEAN	3227	4839	6390	4834	5776	3794	2743	2439	3141	3734	3996	15200
MAX	6330	9150	8870	7520	10900	9360	4410	4780	10300	8560	11700	36000
MIN	902	2100	2650	1660	1000	2390	2360	1150	1380	1170	1370	2010
CFSM	0.64	0.95	1.26	0.95	1.14	0.75	0.54	0.48	0.62	0.74	0.79	3.00
IN.	0.73	1.07	1.45	1.10	1.23	0.86	0.60	0.55	0.69	0.85	0.91	3.35

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 2004, BY WATER YEAR (WY)

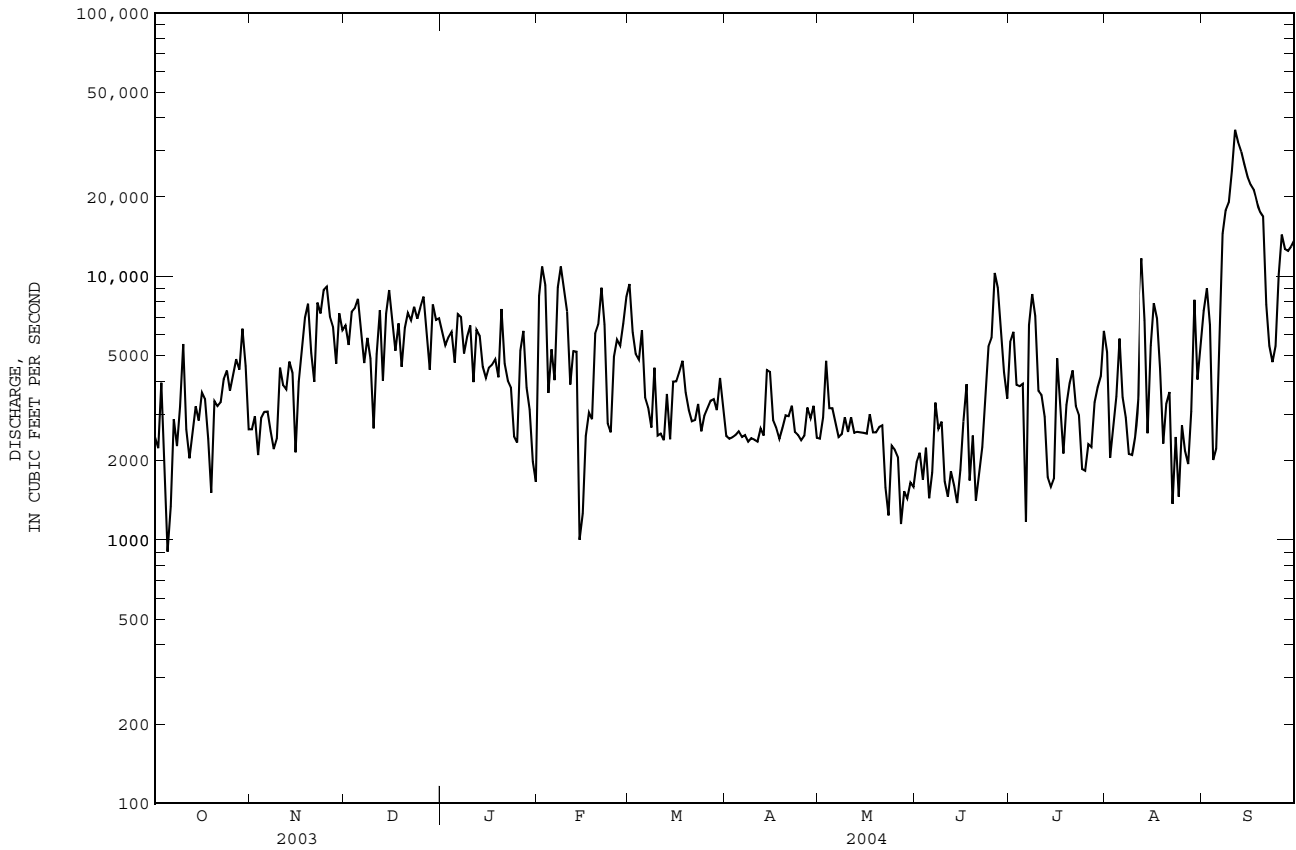
MEAN	4685	4828	5745	8358	8936	9497	8190	5513	4725	4194	4449	4167
MAX	19080	15370	14000	18530	23270	21700	28750	13280	13040	14980	12720	20430
(WY)	1965	1978	1984	1937	1960	1952	1936	2003	2003	1941	1967	1945
MIN	1095	992	1056	1803	2120	2941	1701	1022	997	656	1456	1033
(WY)	1955	1932	2002	1942	2001	1988	1986	1986	1988	1956	2002	1954

02148000 WATEREE RIVER NEAR CAMDEN, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1930 - 2004	
ANNUAL TOTAL	3455107		1826032		6093	
ANNUAL MEAN	9466		4989		9964	
HIGHEST ANNUAL MEAN					1852	
LOWEST ANNUAL MEAN					149000	
HIGHEST DAILY MEAN	52800	Apr 12	36000	Sep 11	149000	Oct 3 1929
LOWEST DAILY MEAN	902	Oct 5	902	Oct 5	143	Sep 28 1980
ANNUAL SEVEN-DAY MINIMUM	2060	Jan 19	1630	May 26	279	Jul 1 1959
MAXIMUM PEAK FLOW			39500		a 366000	
MAXIMUM PEAK STAGE			29.67		39.70	
ANNUAL RUNOFF (CFSM)	1.87		0.984		1.20	
ANNUAL RUNOFF (INCHES)	25.35		13.40		16.33	
10 PERCENT EXCEEDS	17800		8400		12900	
50 PERCENT EXCEEDS	7670		3640		4790	
90 PERCENT EXCEEDS	2540		1980		1140	

a Site and datum then in use, from records of National Weather Service, from rating curve extended above 122,000 ft³/s on basis of computations, by Duke Energy Corporation, of peak flow of 382,000 ft³/s over dam at Rocky Creek Reservoir.

e Estimated



SANTEE RIVER BASIN

02148300 COLONELS CREEK NEAR LEESBURG, SC

LOCATION.--Lat 34°00'25'', long 80°43'58'', Richland County, Hydrologic Unit 03050110, on SC Highway 262 bridge, 0.2 mi above Jumping Run Creek, and 1.9 mi southwest of Leesburg.

DRAINAGE AREA.--38.1 mi².

PERIOD OF RECORD.--September 1966 to September 1980, February 2004 to September 2004.

GAGE.--Data collection platform. Elevation of gage is 158 ft above NGVD of 1929 (from topographic map). Prior to February 2004, at same site, at different datum.

REMARKS.--No estimated daily discharges. Records good.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	74	31	17	9.7	37	24	29
2	---	---	---	---	---	56	29	22	9.1	28	21	22
3	---	---	---	---	---	45	27	43	9.2	26	20	20
4	---	---	---	---	---	39	25	43	9.4	24	19	19
5	---	---	---	---	---	35	24	32	10	20	14	17
6	---	---	---	---	---	34	25	24	9.1	16	18	15
7	---	---	---	---	---	32	23	20	9.0	14	16	43
8	---	---	---	---	---	31	24	17	9.3	13	13	89
9	---	---	---	---	---	37	30	15	14	12	11	88
10	---	---	---	---	---	33	23	14	23	11	10	75
11	---	---	---	---	---	30	21	13	16	13	9.8	52
12	---	---	---	---	---	28	23	15	13	13	15	33
13	---	---	---	---	---	27	25	19	13	14	32	23
14	---	---	---	---	---	26	30	16	18	12	24	18
15	---	---	---	---	---	25	30	14	32	10	56	16
16	---	---	---	---	---	26	24	13	22	10	64	16
17	---	---	---	---	---	26	20	12	21	10	36	21
18	---	---	---	---	---	26	19	12	17	21	24	24
19	---	---	---	---	---	26	18	12	13	15	18	20
20	---	---	---	---	---	25	18	11	11	20	15	18
21	---	---	---	---	---	27	18	11	9.9	14	13	17
22	---	---	---	---	---	28	20	10	12	11	12	16
23	---	---	---	---	---	28	18	10	16	11	12	14
24	---	---	---	---	33	25	17	11	19	10	11	13
25	---	---	---	---	32	24	16	10	17	9.3	11	13
26	---	---	---	---	53	24	15	9.9	16	10	10	12
27	---	---	---	---	82	23	26	9.6	17	17	9.7	27
28	---	---	---	---	84	23	22	9.2	49	40	10	133
29	---	---	---	---	79	22	19	9.1	53	46	13	116
30	---	---	---	---	---	23	18	10	48	48	36	88
31	---	---	---	---	---	30	---	11	---	30	27	---
TOTAL	---	---	---	---	---	958	678	494.8	544.7	585.3	624.5	1107
MEAN	---	---	---	---	---	30.9	22.6	16.0	18.2	18.9	20.1	36.9
MAX	---	---	---	---	---	74	31	43	53	48	64	133
MIN	---	---	---	---	---	22	15	9.1	9.0	9.3	9.7	12

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1966 - 2004, BY WATER YEAR (WY)

	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	2004
MEAN	36.4	43.4	51.8	62.3	58.5	59.9	52.0	42.2	36.3	36.7	40.6	35.1			
MAX	48.0	75.4	99.4	85.0	86.3	92.4	89.3	83.7	77.1	77.4	127	77.2			
(WY)	1980	1980	1977	1977	1973	1980	1975	1975	1973	1975	1967	1979			
MIN	19.1	26.4	32.4	38.9	39.8	30.9	22.6	16.0	18.2	18.9	20.1	19.8			
(WY)	1979	1979	1979	1970	1970	2004	2004	2004	2004	2004	2004	1972			

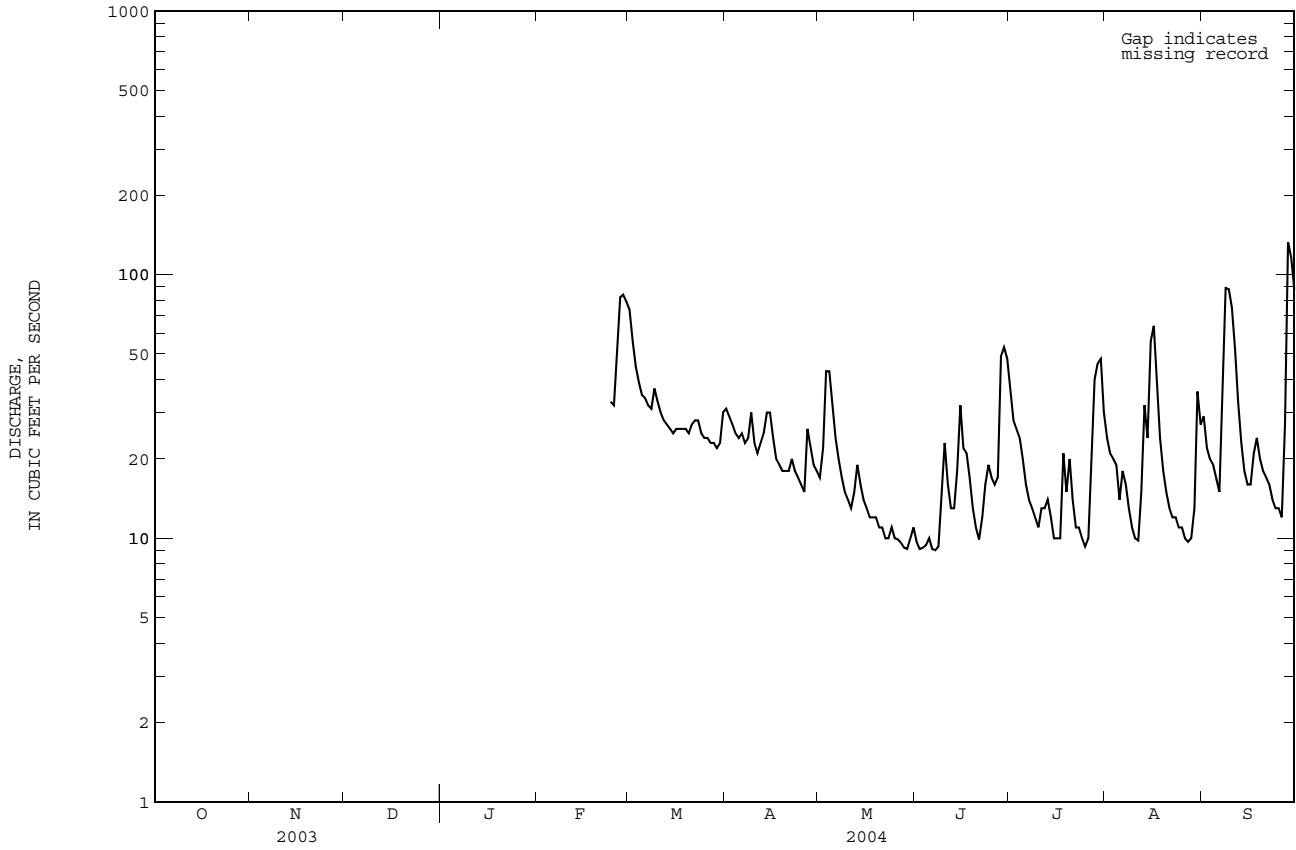
02148300 COLONELS CREEK NEAR LEESBURG, SC--Continued

SUMMARY STATISTICS

WATER YEARS 1966 - 2004

ANNUAL MEAN	47.1	
HIGHEST ANNUAL MEAN	59.0	1975
LOWEST ANNUAL MEAN	32.8	1970
HIGHEST DAILY MEAN	893	Aug 11 1967
LOWEST DAILY MEAN	9.0	Jun 7 2004
ANNUAL SEVEN-DAY MINIMUM	9.3	Jun 2 2004
MAXIMUM PEAK FLOW	Unknown	Aug 11 1967
MAXIMUM PEAK STAGE	a 7.78	Aug 11 1967
10 PERCENT EXCEEDS	81	
50 PERCENT EXCEEDS	39	
90 PERCENT EXCEEDS	21	

a At datum then in use.

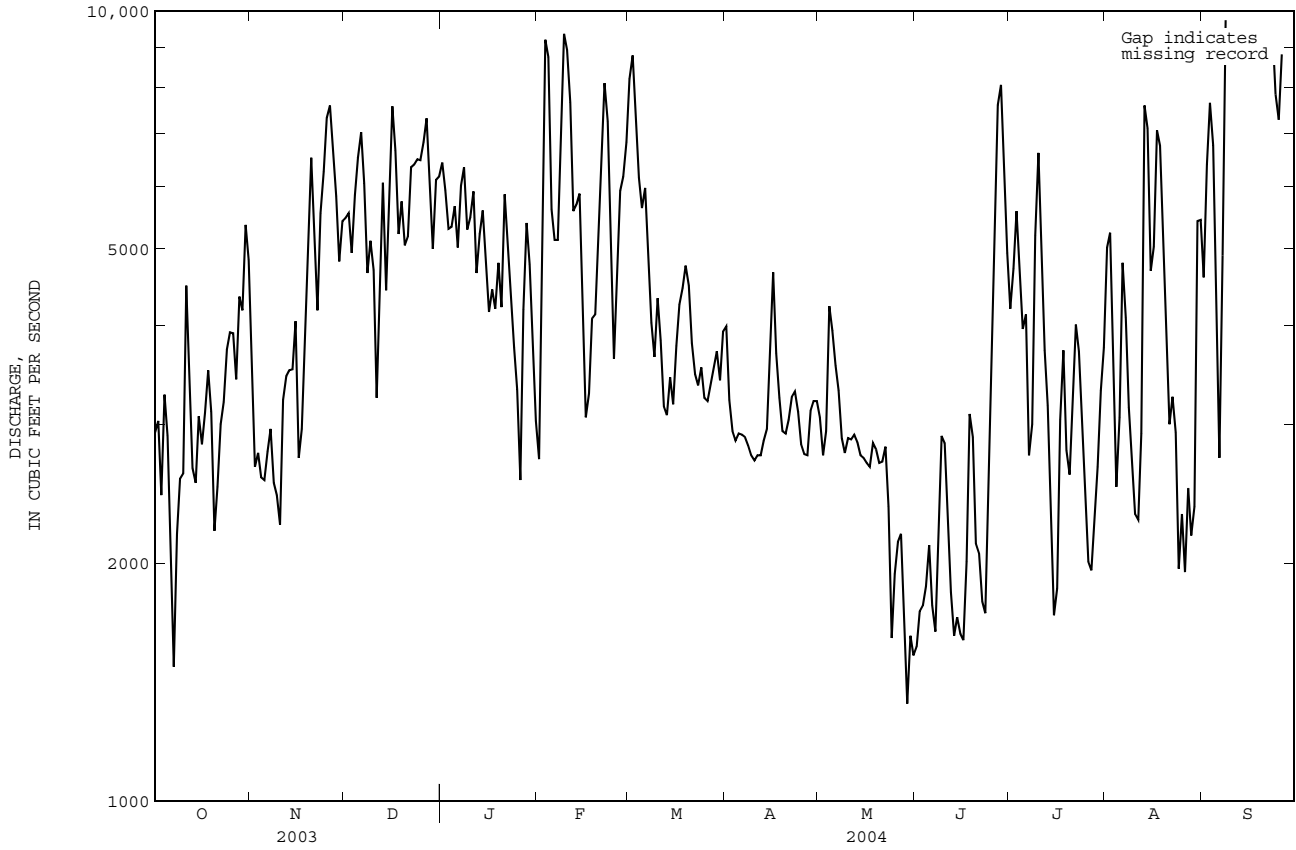


SANTEE RIVER BASIN

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR	FOR 2004 WATER YEAR	WATER YEARS 1930 - 2004	
LOWEST ANNUAL MEAN		1330 May 29	549	Oct 22 1986
MAXIMUM PEAK FLOW		Unknown a Sep 14	Unknown	Oct 6 1989
MAXIMUM PEAK STAGE		15.15 b Sep 14	17.98	Oct 6 1989

- a Also occurred Sep. 15-18.
- b Also occurred Sep. 15-17
- e Estimated



02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1971 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1970 to current year.

pH: February 1971 to current year.

WATER TEMPERATURE: October 1970 to current year.

DISSOLVED OXYGEN: October 1970 to current year.

INSTRUMENTATION.--Water-quality multiprobe and data collection platform.

REMARKS.--Specific conductance records rated excellent except for Nov. 23-27, which are good, Nov. 28-30, which are fair, and Dec. 1-11, which are poor. pH records rated excellent except for Jan. 25-30, Feb. 27 to Mar. 4, which are good. Temperature records rated excellent. Dissolved oxygen records rated excellent except for Oct. 9, Nov. 12-20, Nov. 29 to Dec. 6, Dec. 29 to Jan. 6, May 22-30, July 14, Aug. 9-16, which are good, and Dec. 7-11, May 31 to June 4, which are fair.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 590 microsiemens, Sep. 15, 2002; minimum, 40 microsiemens, Sep. 1, 1984.

pH: Maximum, 8.5 units, Aug. 26, 1980; minimum, 5.2 units, Jun. 2, 1995.

WATER TEMPERATURE: Maximum, 33.0°C, Jul. 19, 20, 1986; minimum, 1.0°C, Jan. 22, 1985.

DISSOLVED OXYGEN: Maximum, 13.6 mg/L, Jan. 4, 5, 2001; minimum, 2.1 mg/L, Aug. 27, 1984.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 223 microsiemens, May 29; minimum, 79 microsiemens, Sep. 29.

pH: Maximum, 7.6 units, Jan. 7-11, Feb. 23; minimum, 6.3 units, Sep. 13, 14, 22, 23.

WATER TEMPERATURE: Maximum, 31.4, July 24; minimum, 5.8°C, Jan. 27.

DISSOLVED OXYGEN: Maximum, 12.0 mg/L, Dec. 27; minimum, 4.0 mg/L, Sep. 22, 23.

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	141	133	138	142	135	138	142	139	140	135	134	134
2	139	134	136	145	140	142	145	140	142	137	135	136
3	150	137	145	146	143	145	146	143	145	139	136	137
4	144	130	137	156	146	152	145	143	144	139	137	137
5	143	132	139	156	147	154	146	144	145	137	135	136
6	170	143	155	155	147	152	147	145	146	141	137	139
7	179	170	176	157	151	153	150	146	148	140	135	137
8	174	146	160	163	157	161	152	149	151	136	130	132
9	147	143	145	170	158	164	152	148	151	134	131	133
10	152	136	146	170	163	166	153	149	151	134	131	132
11	137	132	134	165	151	155	164	153	159	133	130	131
12	139	135	138	155	152	154	158	139	149	136	132	135
13	148	139	144	159	153	156	145	139	142	135	130	133
14	146	136	144	160	152	156	144	143	143	136	130	132
15	137	134	135	159	152	154	143	137	139	137	133	134
16	140	136	---	175	159	167	140	127	136	139	134	137
17	---	---	---	166	157	162	137	135	136	138	134	135
18	---	---	---	158	153	155	137	134	136	140	131	136
19	---	---	---	155	143	149	136	133	135	136	131	133
20	---	---	---	147	122	142	138	135	136	138	112	130
21	---	---	---	123	117	120	138	132	135	130	128	129
22	---	---	---	124	119	122	135	130	132	133	129	131
23	---	---	---	123	117	120	132	130	131	138	132	134
24	141	135	137	125	121	123	131	128	130	140	137	138
25	141	133	135	124	111	120	132	128	130	146	138	142
26	141	134	136	126	122	124	130	128	129	157	115	144
27	144	133	139	127	124	126	131	129	130	118	113	115
28	---	---	---	134	127	131	133	131	131	116	114	115
29	---	---	---	139	133	137	137	133	136	116	113	114
30	---	---	---	141	136	139	135	132	134	113	109	111
31	135	131	132	---	---	---	135	132	134	113	110	111
MONTH	---	---	---	175	111	145	164	127	140	157	109	131

SANTEE RIVER BASIN

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	113	110	111	126	120	122	154	150	151	176	166	173
2	133	110	119	127	123	125	155	150	153	179	175	177
3	132	130	131	123	120	122	151	149	150	179	169	177
4	132	130	131	127	123	126	152	149	151	169	163	167
5	140	131	136	129	126	128	152	149	151	165	161	163
6	141	136	138	131	127	129	150	128	146	166	160	163
7	140	130	138	138	130	134	154	128	150	173	166	170
8	131	128	130	140	137	138	156	152	155	178	173	176
9	134	121	128	142	137	139	159	133	152	181	176	179
10	135	132	133	138	133	135	159	133	156	183	178	181
11	141	135	138	147	137	141	161	156	158	185	181	184
12	143	141	143	---	---	---	157	155	156	185	182	184
13	143	138	140	---	---	---	162	155	159	186	183	185
14	140	136	138	---	---	---	162	158	160	189	185	187
15	152	139	146	---	---	---	158	142	150	188	184	186
16	153	143	150	149	143	146	158	146	153	191	184	186
17	143	109	129	151	145	147	159	157	158	188	185	187
18	134	101	113	154	146	150	163	159	162	188	184	186
19	137	123	132	150	145	147	167	163	166	188	185	187
20	141	124	134	152	147	149	169	166	167	197	186	190
21	143	137	140	152	150	151	169	164	167	197	185	190
22	143	141	142	154	150	153	166	164	165	188	186	187
23	144	125	139	154	147	151	167	163	165	200	187	193
24	153	144	149	149	146	148	168	164	167	216	200	208
25	156	149	153	151	133	148	172	167	170	212	191	200
26	152	132	141	152	149	151	173	169	171	203	165	195
27	135	130	132	152	133	146	172	169	171	201	195	197
28	131	122	128	151	133	143	171	169	169	218	201	210
29	124	119	121	152	150	151	172	145	165	223	215	220
30	---	---	---	154	149	152	170	165	168	216	209	212
31	---	---	---	151	147	150	---	---	---	217	210	213
MONTH	156	101	135	---	---	---	173	128	159	223	160	188

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	216	210	212	176	169	173	162	156	158	159	126	148
2	214	201	208	178	173	175	159	156	157	145	124	137
3	211	199	208	178	176	177	173	159	164	141	139	140
4	215	199	207	182	177	180	179	171	176	147	140	143
5	209	198	203	184	178	181	176	162	170	163	147	155
6	214	201	208	184	177	180	162	158	160	173	163	169
7	213	209	211	198	184	192	161	159	160	172	140	154
8	209	186	200	198	181	185	169	159	162	140	128	137
9	190	186	189	181	177	179	173	160	168	128	123	124
10	194	187	190	178	176	177	181	173	177	130	125	127
11	205	192	200	184	178	180	181	179	180	133	130	131
12	212	201	205	188	184	187	182	158	174	133	120	127
13	215	207	211	188	184	185	159	151	153	120	113	116
14	210	207	208	---	---	---	152	148	150	113	105	109
15	213	205	209	---	---	---	150	147	149	105	100	102
16	213	161	203	---	---	---	148	132	139	100	98	99
17	210	187	200	207	181	191	144	139	142	98	95	96
18	187	182	184	182	180	181	147	142	144	95	93	94
19	200	186	192	191	182	187	154	147	150	93	91	92
20	205	192	199	192	179	184	168	154	160	91	89	90
21	208	194	204	181	174	178	171	167	169	91	89	90
22	208	202	204	175	151	169	172	163	168	95	90	92
23	212	205	209	175	171	173	179	164	172	98	95	96
24	207	187	198	178	174	176	193	178	186	100	84	97
25	188	178	182	187	178	183	183	178	181	100	96	98
26	179	174	176	198	186	192	191	141	181	96	88	91
27	174	171	173	199	191	196	179	173	177	88	86	87
28	171	168	169	191	184	188	184	173	179	87	85	86
29	174	168	170	184	165	178	180	165	176	87	79	84
30	174	171	172	170	164	166	165	141	154	84	80	82
31	---	---	---	168	162	165	157	151	154	---	---	---
MONTH	216	161	197	---	---	---	193	132	164	173	79	113

SANTEE RIVER BASIN

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

pH, water, unfiltered, field, standard units
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	7.1	7.0	7.1	7.0	7.3	7.3	7.4	7.4	7.1	7.0	7.2	7.2
2	7.1	7.1	7.0	7.0	7.4	7.3	7.4	7.4	7.4	7.0	7.2	7.2
3	7.1	7.0	7.1	7.0	7.3	7.3	7.4	7.3	7.4	7.3	7.2	7.1
4	7.1	7.0	7.1	7.0	7.4	7.3	7.3	7.3	7.4	7.3	7.1	6.9
5	7.1	7.1	7.0	7.0	7.4	7.3	7.4	7.3	7.3	7.2	7.0	7.0
6	7.1	7.0	7.1	7.0	7.4	7.3	7.5	7.3	7.3	7.2	7.1	7.0
7	7.0	7.0	7.1	7.0	7.3	7.3	7.6	7.4	7.4	7.3	7.0	7.0
8	7.0	7.0	7.1	7.0	7.3	7.3	7.6	7.6	7.4	7.3	7.0	6.9
9	7.1	7.0	7.1	7.0	7.4	7.3	7.6	7.5	7.5	7.4	7.0	6.9
10	7.1	7.0	7.1	7.1	7.4	7.3	7.6	7.5	7.5	7.4	7.2	6.9
11	7.1	7.0	7.2	7.1	7.3	7.2	7.6	7.5	7.4	7.4	7.1	7.0
12	7.1	7.0	7.2	7.2	7.3	7.1	7.5	7.3	7.4	7.3	7.0	6.7
13	7.1	7.0	7.2	7.2	7.3	7.3	7.4	7.3	7.4	7.2	6.9	6.7
14	7.1	7.0	7.2	7.2	7.3	7.2	7.5	7.4	7.4	7.2	7.0	6.7
15	7.1	7.0	7.3	7.2	7.3	7.2	7.4	7.3	7.2	7.0	7.1	6.7
16	7.1	7.1	7.2	7.1	7.3	7.3	7.3	7.3	7.0	6.9	7.1	7.0
17	7.1	7.1	7.2	7.1	7.3	7.3	7.4	7.3	6.9	6.8	7.1	6.9
18	7.1	7.0	7.2	7.2	7.3	7.2	7.4	7.3	7.2	6.8	7.1	6.8
19	7.1	7.0	7.2	7.2	7.3	7.2	7.5	7.3	7.2	7.1	7.2	6.8
20	7.1	7.0	7.2	7.2	7.3	7.3	7.4	7.3	7.4	7.2	7.2	7.1
21	7.0	7.0	7.2	7.2	7.3	7.2	7.5	7.3	7.5	7.4	7.1	7.0
22	7.1	7.0	7.3	7.2	7.4	7.3	7.5	7.4	7.5	7.5	7.0	7.0
23	7.2	7.1	7.3	7.2	7.4	7.3	7.4	7.4	7.6	7.4	7.0	7.0
24	7.2	7.1	7.2	7.2	7.4	7.3	7.4	7.2	7.5	7.3	7.1	7.0
25	7.2	7.1	7.2	7.2	7.4	7.3	7.2	7.2	7.3	7.1	7.1	7.0
26	7.1	7.1	7.2	7.2	7.4	7.3	7.2	7.0	7.2	7.0	7.0	7.0
27	7.1	7.1	7.2	7.2	7.4	7.4	7.3	7.0	7.3	7.2	7.0	7.0
28	7.1	7.1	7.3	7.2	7.4	7.3	7.3	7.3	7.2	7.2	7.1	7.0
29	7.1	7.1	7.3	7.2	7.3	7.3	7.3	7.3	7.2	7.1	7.1	7.0
30	7.1	7.0	7.3	7.3	7.4	7.3	7.3	7.2	---	---	7.0	7.0
31	7.1	7.1	---	---	7.4	7.4	7.2	7.1	---	---	7.1	7.0
MONTH	7.2	7.0	7.3	7.0	7.4	7.1	7.6	7.0	7.6	6.8	7.2	6.7

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	7.1	7.0	7.1	7.1	7.2	7.1	7.0	6.9	7.0	6.9	6.9	6.7
2	7.0	6.9	7.1	7.1	7.2	7.1	7.0	7.0	7.0	6.9	6.8	6.7
3	6.9	6.9	7.1	7.1	7.2	7.1	7.0	7.0	7.0	6.9	6.8	6.8
4	6.9	6.9	7.2	7.1	7.3	7.1	7.0	7.0	7.0	7.0	6.8	6.8
5	6.9	6.9	7.1	7.1	7.2	7.2	7.0	7.0	7.0	7.0	6.8	6.8
6	7.0	6.9	7.1	7.1	7.2	7.1	7.0	7.0	7.0	6.9	6.9	6.8
7	7.0	6.9	7.1	7.1	7.2	7.1	7.0	7.0	7.0	7.0	6.9	6.8
8	7.0	6.9	7.1	7.0	7.2	7.2	7.0	7.0	7.0	6.9	6.8	6.7
9	7.0	6.9	7.1	7.0	7.2	7.1	7.0	7.0	7.0	6.9	6.7	6.6
10	7.0	6.9	7.1	7.0	7.2	7.2	7.0	6.9	7.0	6.9	6.6	6.6
11	7.0	6.9	7.1	7.0	7.2	7.1	7.0	6.9	7.0	6.9	6.6	6.6
12	7.0	6.9	7.1	7.0	7.2	7.1	7.1	7.0	7.0	6.9	6.6	6.4
13	7.0	6.9	7.1	7.0	7.2	7.1	7.1	7.0	6.9	6.8	6.4	6.3
14	7.0	7.0	7.0	7.0	7.2	7.1	---	---	6.8	6.7	6.5	6.3
15	7.0	7.0	7.0	7.0	7.2	7.1	---	---	6.8	6.7	6.4	6.4
16	7.1	7.0	7.1	7.0	7.2	7.1	---	---	6.8	6.6	6.4	6.4
17	7.1	7.0	7.1	7.0	7.2	7.1	7.1	7.1	6.8	6.8	6.4	6.4
18	7.0	7.0	7.1	7.0	7.2	7.1	7.1	7.1	6.9	6.8	6.4	6.4
19	7.0	7.0	7.1	7.1	7.2	7.1	7.1	7.1	6.9	6.8	6.4	6.4
20	7.0	7.0	7.1	7.1	7.2	7.1	7.1	7.1	6.9	6.9	6.5	6.4
21	7.2	7.0	7.1	7.1	7.2	7.1	7.1	7.1	6.9	6.9	6.5	6.5
22	7.2	7.1	7.1	7.1	7.2	7.1	7.1	7.0	7.0	6.9	6.5	6.3
23	7.2	7.1	7.1	7.0	7.2	7.1	7.1	7.0	7.0	6.9	6.4	6.3
24	7.2	7.1	7.0	6.9	7.2	7.1	7.1	7.1	6.9	6.8	6.5	6.4
25	7.1	7.1	7.1	7.0	7.1	7.1	7.1	7.1	6.9	6.8	6.6	6.5
26	7.1	7.1	7.1	7.0	7.1	7.0	7.1	7.0	6.8	6.7	6.7	6.6
27	7.1	7.1	7.1	7.1	7.0	7.0	7.1	7.0	6.9	6.8	6.7	6.7
28	7.2	7.1	7.1	7.0	7.0	7.0	7.2	7.1	6.9	6.8	6.7	6.6
29	7.2	7.1	7.1	7.0	7.0	7.0	7.1	7.1	6.9	6.8	6.6	6.5
30	7.2	7.1	7.1	7.0	7.0	6.9	7.1	7.0	6.9	6.8	6.6	6.5
31	---	---	7.1	7.1	---	---	7.0	7.0	6.9	6.8	---	---
MONTH	7.2	6.9	7.2	6.9	7.3	6.9	---	---	7.0	6.6	6.9	6.3

SANTEE RIVER BASIN

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

Temperature, water, degrees Celsius
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	22.9	21.9	22.4	19.4	18.5	19.0	13.6	13.0	13.3	8.2	7.6	7.9
2	22.8	21.8	22.3	19.3	18.6	19.0	13.7	12.9	13.3	8.2	7.6	8.0
3	22.5	21.3	21.7	20.0	18.8	19.3	12.9	12.0	12.7	9.0	8.0	8.5
4	22.2	20.8	21.4	20.4	19.8	20.1	12.3	11.6	12.0	9.8	8.9	9.3
5	22.9	21.2	22.1	21.1	20.4	20.8	11.9	11.6	11.8	10.3	9.5	10.0
6	23.0	22.2	22.6	21.4	20.8	21.1	12.0	11.7	11.9	10.4	10.1	10.2
7	22.7	22.4	22.6	21.4	20.9	21.1	11.7	11.1	11.4	10.1	8.6	9.2
8	22.6	22.2	22.4	21.1	19.6	20.3	11.1	10.4	10.7	8.6	8.2	8.4
9	22.6	22.1	22.4	19.6	17.5	18.6	10.9	10.0	10.6	8.5	8.2	8.4
10	22.6	21.9	22.2	17.5	16.2	16.8	11.2	10.4	10.9	8.4	7.8	8.1
11	22.2	21.8	22.0	16.7	15.4	16.1	11.1	10.6	10.9	7.8	7.4	7.6
12	22.5	21.6	22.0	17.8	16.2	17.1	10.8	9.9	10.5	7.7	7.1	7.4
13	22.6	21.8	22.2	18.1	17.3	17.7	10.1	9.8	10.0	8.1	6.9	7.5
14	22.8	22.4	22.6	17.5	16.2	16.6	9.9	9.3	9.6	8.4	7.8	8.2
15	22.7	21.6	22.1	16.3	15.5	15.9	9.7	8.8	9.3	9.0	8.0	8.5
16	21.8	20.5	20.9	16.2	14.9	15.6	9.8	9.6	9.7	8.8	8.0	8.4
17	20.5	19.7	20.1	16.8	15.7	16.1	9.9	9.5	9.8	8.5	7.9	8.1
18	21.2	20.1	20.6	17.7	16.8	17.2	9.6	9.0	9.3	9.2	8.0	8.5
19	20.8	19.9	20.4	17.9	17.3	17.7	9.3	8.6	8.9	9.2	8.7	9.0
20	20.7	19.8	20.3	17.3	16.8	17.1	8.8	8.2	8.6	8.8	8.2	8.5
21	20.7	19.9	20.3	16.8	16.1	16.3	8.2	7.6	7.9	8.2	7.6	7.8
22	21.2	20.4	20.7	16.2	15.4	15.9	8.0	7.5	7.7	8.1	7.6	7.8
23	20.7	19.8	20.2	16.3	15.3	15.9	8.1	7.8	8.0	8.3	7.3	7.8
24	20.0	19.2	19.6	16.4	16.2	16.3	8.8	8.0	8.4	8.5	7.3	7.9
25	19.8	18.7	19.4	16.2	15.6	15.9	8.8	8.4	8.6	8.6	7.9	8.1
26	20.2	19.3	19.8	15.6	15.3	15.5	8.4	7.6	8.0	7.9	6.5	7.1
27	20.5	20.0	20.2	15.5	15.3	15.4	7.7	7.5	7.6	6.5	5.8	6.1
28	20.5	19.8	20.3	16.0	15.3	15.7	7.9	7.5	7.7	6.5	6.0	6.3
29	19.8	19.3	19.5	15.4	13.9	14.7	8.3	7.3	7.8	6.8	6.3	6.6
30	19.6	18.8	19.2	13.9	13.2	13.4	8.6	7.8	8.3	7.2	6.1	6.6
31	19.7	19.0	19.3	---	---	---	8.7	8.2	8.4	7.2	6.5	7.0
MONTH	23.0	18.7	21.1	21.4	13.2	17.3	13.7	7.3	9.8	10.4	5.8	8.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	7.1	6.7	6.9	8.9	7.9	8.4	14.7	13.6	14.2	21.0	19.2	20.1
2	7.0	6.1	6.5	9.5	8.7	9.1	14.4	13.7	14.2	21.0	19.9	20.6
3	7.1	6.7	7.0	10.6	9.5	10.1	15.2	13.5	14.4	21.4	20.1	20.8
4	7.1	6.7	6.9	11.2	10.4	10.8	15.8	14.4	15.2	21.1	19.8	20.2
5	7.0	6.5	6.8	12.2	11.1	11.7	16.4	14.7	15.6	20.9	19.2	20.1
6	7.8	6.7	7.2	12.3	11.6	11.9	16.4	14.9	15.8	22.2	19.9	21.0
7	8.5	7.5	8.0	12.6	11.6	12.0	17.0	15.2	16.1	23.5	20.8	22.2
8	8.2	7.0	7.5	12.6	11.8	12.2	17.2	16.0	16.6	24.4	22.3	23.3
9	7.0	6.6	6.8	12.3	11.7	11.9	17.8	16.0	17.0	24.6	23.0	24.0
10	6.9	6.6	6.8	12.0	11.1	11.6	18.3	16.7	17.6	24.5	22.9	23.9
11	7.4	6.9	7.2	11.9	10.5	11.2	19.4	17.7	18.5	24.1	22.6	23.3
12	7.8	7.4	7.7	12.5	11.2	11.8	19.4	18.0	18.6	23.4	22.4	22.8
13	7.8	7.5	7.7	13.1	11.7	12.3	18.7	17.5	18.1	23.6	21.4	22.5
14	7.8	7.4	7.6	13.4	12.3	12.9	18.0	16.2	16.8	24.4	22.6	23.5
15	8.3	7.8	8.0	14.3	12.8	13.5	16.6	15.2	15.9	25.2	23.4	24.3
16	9.2	8.2	8.6	14.4	13.5	14.1	17.4	15.5	16.5	25.4	23.7	24.7
17	8.9	7.9	8.4	13.7	13.1	13.4	19.0	16.9	17.9	25.8	24.0	25.0
18	8.1	7.2	7.6	13.4	12.8	13.1	19.9	17.8	18.9	25.8	24.2	25.1
19	8.0	6.8	7.4	14.5	12.9	13.6	20.4	18.4	19.5	25.6	24.0	24.9
20	8.6	7.6	8.1	14.5	13.4	14.0	20.7	19.1	20.0	25.6	24.0	25.0
21	9.4	8.3	8.8	15.7	14.0	14.8	20.7	19.1	20.0	25.9	24.2	25.1
22	8.9	8.6	8.8	15.0	13.7	14.3	20.7	18.9	19.9	26.6	25.0	25.9
23	9.2	8.8	8.9	14.1	12.6	13.4	20.9	19.0	20.0	26.3	25.0	25.8
24	9.5	8.8	9.2	14.3	12.6	13.5	21.5	19.2	20.3	27.3	25.7	26.4
25	9.9	9.4	9.6	15.2	13.1	14.1	21.9	20.0	21.0	28.0	25.9	27.0
26	9.8	8.0	8.8	16.1	14.0	15.0	21.9	20.6	21.2	27.7	26.6	27.2
27	8.0	6.8	7.5	16.8	14.8	15.8	21.4	19.9	20.6	27.8	27.0	27.4
28	7.4	6.8	7.1	17.2	15.5	16.4	20.4	18.4	19.3	27.6	26.7	27.2
29	8.1	7.1	7.6	17.0	15.6	16.4	20.3	18.4	19.3	28.1	26.8	27.5
30	---	---	---	16.5	15.5	15.8	20.6	19.0	19.8	28.5	27.2	27.9
31	---	---	---	15.6	14.4	15.1	---	---	---	28.5	27.5	28.0
MONTH	9.9	6.1	7.8	17.2	7.9	13.0	21.9	13.5	18.0	28.5	19.2	24.3

SANTEE RIVER BASIN

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

Temperature, water, degrees Celsius
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	28.2	26.9	27.6	28.6	28.0	28.3	29.7	29.1	29.5	28.1	27.0	27.6
2	28.2	26.6	27.4	28.6	27.5	28.1	29.5	29.2	29.3	27.4	26.9	27.2
3	28.2	26.9	27.6	28.6	28.3	28.5	30.1	28.8	29.4	27.2	26.7	27.0
4	28.2	27.5	27.8	29.3	28.2	28.8	30.5	29.3	29.9	27.2	26.8	27.0
5	28.0	27.0	27.5	30.1	28.6	29.4	31.1	29.8	30.5	27.8	26.7	27.3
6	28.0	26.7	27.4	30.4	29.4	29.9	30.8	29.4	30.1	27.6	27.0	27.2
7	28.2	27.2	27.7	31.1	29.3	30.2	29.5	28.6	29.1	27.0	26.4	26.7
8	28.0	27.4	27.6	31.1	30.0	30.4	28.8	27.4	28.2	26.7	26.4	26.6
9	27.5	26.3	26.8	30.0	29.6	29.8	28.9	27.2	28.1	26.6	26.1	26.3
10	27.4	25.9	26.6	29.9	29.6	29.8	28.8	27.7	28.2	26.6	26.1	26.4
11	28.7	26.4	27.5	31.0	29.5	30.2	28.8	27.9	28.4	26.5	26.0	26.3
12	29.4	27.8	28.6	30.9	29.6	30.2	28.7	28.0	28.3	26.0	25.2	25.6
13	29.1	27.7	28.4	30.5	29.0	29.8	28.3	27.7	27.9	25.2	24.6	24.7
14	28.0	27.3	27.7	---	---	---	27.8	27.4	27.6	24.6	24.4	24.5
15	28.1	26.9	27.5	---	---	---	27.5	26.8	27.2	24.4	24.2	24.3
16	28.8	27.2	28.0	---	---	---	27.0	25.9	26.5	24.8	24.3	24.5
17	29.6	28.0	28.8	30.1	29.1	29.4	27.5	26.8	27.2	25.1	24.8	25.0
18	30.3	28.6	29.4	29.3	28.9	29.1	27.8	27.5	27.6	25.0	24.7	24.9
19	30.7	28.9	29.7	29.6	28.2	28.9	28.7	27.4	28.0	24.7	24.1	24.4
20	30.7	29.2	30.0	29.5	28.4	29.0	29.0	28.2	28.5	24.1	23.5	23.7
21	30.4	29.4	29.8	30.7	28.9	29.8	29.1	28.1	28.6	23.6	23.2	23.4
22	29.4	28.6	29.0	30.6	29.6	30.2	28.9	27.8	28.2	23.5	22.7	23.0
23	29.4	28.0	28.7	30.8	29.8	30.3	28.2	27.2	27.7	23.4	22.6	23.0
24	29.4	28.0	28.7	31.4	29.6	30.6	28.6	27.4	28.0	24.1	23.4	23.8
25	29.4	28.3	28.7	31.1	29.8	30.5	28.9	27.4	28.2	24.5	23.8	24.1
26	28.9	28.4	28.6	30.9	29.9	30.3	28.7	27.4	28.1	24.4	24.1	24.3
27	28.8	28.1	28.4	30.7	29.6	30.1	28.9	27.9	28.3	24.4	24.0	24.2
28	28.4	28.1	28.3	30.0	29.1	29.6	29.0	27.7	28.4	24.2	23.8	24.1
29	28.5	28.0	28.2	29.8	28.8	29.4	28.7	27.1	27.8	24.1	23.8	24.0
30	28.6	28.2	28.4	29.6	28.2	28.9	27.3	26.7	27.0	24.1	23.7	23.9
31	---	---	---	29.9	28.7	29.3	27.8	27.2	27.5	---	---	---
MONTH	30.7	25.9	28.2	---	---	---	31.1	25.9	28.3	28.1	22.6	25.2

SANTEE RIVER BASIN

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.2	7.0	7.1	7.8	7.6	7.7	9.5	9.3	9.5	11.8	11.5	11.7
2	7.1	7.0	7.1	7.8	7.7	7.7	9.5	9.3	9.5	11.9	11.6	11.8
3	7.2	7.0	7.1	8.0	7.8	7.9	9.7	9.4	9.5	11.7	11.3	11.6
4	7.3	7.0	7.2	8.0	7.7	7.8	9.9	9.6	9.7	11.3	10.9	11.2
5	7.1	6.9	7.0	7.7	7.6	7.7	9.7	9.5	9.6	11.0	10.7	10.9
6	6.9	6.6	6.8	7.7	7.5	7.6	9.5	9.4	9.5	10.8	10.1	10.6
7	6.6	6.5	6.6	7.6	7.5	7.6	9.6	9.5	9.6	10.8	10.1	10.5
8	6.8	6.5	6.7	7.7	7.6	7.6	9.9	9.5	9.7	11.2	10.8	11.0
9	6.8	6.7	6.8	8.3	7.7	8.1	10.0	9.7	9.9	11.0	10.7	10.9
10	6.9	6.8	6.9	8.7	8.3	8.5	9.9	9.5	9.7	11.0	10.7	10.9
11	6.9	6.6	6.7	8.9	8.7	8.8	9.5	8.9	9.2	11.1	10.8	11.0
12	6.8	6.5	6.7	8.7	8.4	8.5	9.6	8.9	9.2	11.2	11.0	11.1
13	6.9	6.8	6.9	8.6	8.4	8.5	9.7	9.6	9.6	11.2	11.1	11.1
14	7.1	6.9	7.0	8.8	8.5	8.6	9.8	9.7	9.8	11.2	10.9	11.1
15	7.3	7.0	7.2	9.0	8.8	8.9	10.2	9.8	10.1	11.0	10.8	10.9
16	7.9	7.3	7.5	8.8	8.6	8.7	10.2	10.0	10.1	10.9	10.8	10.8
17	7.9	7.7	7.8	8.9	8.6	8.7	10.4	10.2	10.3	11.1	10.8	11.0
18	7.8	7.5	7.5	8.7	8.3	8.6	10.4	10.3	10.4	11.0	10.6	10.8
19	7.6	7.4	7.5	8.4	8.2	8.3	10.8	10.4	10.7	10.9	10.7	10.8
20	7.9	7.5	7.6	8.4	8.0	8.2	11.0	10.8	10.9	10.8	10.6	10.7
21	7.8	7.5	7.6	8.4	8.2	8.2	11.4	10.9	11.1	11.3	10.8	11.2
22	7.7	7.4	7.5	8.8	8.4	8.6	11.7	11.4	11.6	11.3	11.0	11.2
23	8.4	7.4	7.8	8.9	8.7	8.8	11.6	11.5	11.5	11.1	10.9	11.0
24	8.8	8.4	8.6	8.8	8.5	8.7	11.5	11.4	11.4	10.9	10.6	10.8
25	8.9	8.7	8.8	8.6	8.5	8.6	11.5	11.2	11.4	10.9	10.8	10.8
26	8.8	8.0	8.5	8.9	8.6	8.7	11.7	11.3	11.6	10.8	10.6	10.7
27	---	---	---	9.1	8.8	8.9	12.0	11.7	11.9	11.4	10.8	11.1
28	---	---	---	9.1	8.8	9.0	11.9	11.8	11.8	11.3	11.2	11.2
29	---	---	---	9.2	8.9	9.0	11.8	11.6	11.7	11.3	11.1	11.2
30	---	---	---	9.5	9.2	9.3	11.7	11.5	11.6	11.1	10.7	10.9
31	8.0	7.5	7.7	---	---	---	11.7	11.4	11.6	10.7	10.5	10.6
MONTH	---	---	---	9.5	7.5	8.4	12.0	8.9	10.4	11.9	10.1	11.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	10.6	10.5	10.5	11.2	11.0	11.1	8.8	8.2	8.4	7.8	7.4	7.6
2	11.3	10.6	11.0	11.1	10.8	11.0	8.4	7.7	8.0	7.7	7.3	7.5
3	11.2	11.1	11.2	10.8	10.4	10.6	8.4	7.4	7.9	7.8	7.7	7.7
4	11.3	11.2	11.3	10.5	9.8	10.3	8.2	7.4	7.8	7.9	7.3	7.7
5	11.3	11.1	11.2	10.1	9.7	9.9	8.1	6.8	7.7	7.8	7.2	7.5
6	11.4	11.1	11.2	10.1	9.7	10.0	8.5	6.8	7.7	7.9	7.5	7.7
7	11.3	11.0	11.2	10.0	9.7	9.9	8.6	7.6	8.1	7.6	7.1	7.4
8	11.7	10.9	11.3	9.7	9.3	9.4	7.8	7.5	7.6	7.3	6.8	7.1
9	11.8	11.7	11.8	10.0	9.3	9.7	7.6	7.4	7.5	7.2	6.6	7.0
10	11.9	11.6	11.7	10.6	9.6	10.0	7.6	7.5	7.5	7.1	6.5	6.9
11	11.7	11.5	11.7	10.6	10.1	10.4	7.5	7.3	7.4	7.1	6.8	6.9
12	11.5	11.1	11.4	---	---	---	7.3	7.2	7.3	7.4	7.0	7.1
13	11.6	10.9	11.3	---	---	---	7.6	7.3	7.4	7.3	7.1	7.2
14	11.6	11.2	11.5	---	---	---	7.7	7.5	7.6	7.2	7.0	7.1
15	11.2	10.4	10.8	---	---	---	8.1	7.7	7.9	7.0	6.9	7.0
16	10.4	9.9	10.1	9.8	9.2	9.5	8.1	7.9	8.0	7.0	6.9	7.0
17	10.3	9.9	10.0	---	---	---	7.9	7.3	7.5	7.1	6.9	7.0
18	10.8	10.3	10.6	---	---	---	7.3	7.2	7.3	7.2	6.9	7.1
19	10.9	10.5	10.7	9.7	8.8	9.2	7.3	7.0	7.2	7.2	6.8	7.0
20	11.1	10.4	10.8	9.3	8.8	9.1	7.2	6.8	7.1	7.2	6.8	7.0
21	11.2	10.9	11.1	8.8	8.4	8.7	7.6	7.2	7.4	7.2	7.0	7.1
22	11.2	11.1	11.2	8.7	8.4	8.5	7.7	7.4	7.6	7.0	6.9	7.0
23	11.5	11.0	11.2	9.2	8.6	8.8	7.8	7.5	7.6	7.0	6.2	6.7
24	11.1	10.6	11.0	9.5	9.0	9.2	7.6	7.4	7.6	6.5	6.0	6.2
25	10.6	9.8	10.1	9.5	9.0	9.3	7.6	7.5	7.5	6.8	6.0	6.5
26	10.7	9.9	10.3	9.1	8.8	9.0	7.6	7.5	7.5	6.7	6.2	6.5
27	11.1	10.7	11.0	9.0	8.6	8.9	7.9	7.6	7.7	6.9	6.3	6.5
28	11.2	11.0	11.1	8.9	8.4	8.7	8.1	7.9	8.0	6.6	5.8	6.3
29	11.3	11.1	11.2	8.7	8.1	8.5	8.0	7.9	7.9	6.6	5.5	6.0
30	---	---	---	8.7	7.7	8.1	7.9	7.6	7.7	6.7	5.2	5.8
31	---	---	---	8.7	7.9	8.3	---	---	---	5.9	5.2	5.6
MONTH	11.9	9.8	11.0	---	---	---	8.8	6.8	7.6	7.9	5.2	6.9

SANTEE RIVER BASIN

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	6.6	5.4	6.0	6.0	5.6	5.9	6.0	5.6	5.8	6.6	6.1	6.4
2	6.8	5.9	6.3	5.9	5.6	5.8	5.8	5.6	5.7	6.3	6.0	6.2
3	6.4	5.7	6.0	5.7	5.6	5.6	6.0	5.5	5.7	6.2	6.0	6.1
4	6.7	6.1	6.3	5.9	5.4	5.7	6.3	5.7	6.0	6.2	6.0	6.1
5	6.5	6.2	6.4	5.9	5.6	5.8	6.2	5.9	6.1	6.5	6.2	6.3
6	6.5	6.2	6.3	5.9	5.6	5.8	6.1	5.7	5.8	6.8	6.5	6.6
7	6.6	6.1	6.4	6.0	5.4	5.7	6.4	5.8	6.2	7.2	6.5	6.9
8	6.7	6.5	6.6	5.8	5.0	5.4	6.3	6.0	6.1	6.5	6.1	6.3
9	6.6	6.2	6.4	5.4	5.1	5.3	6.6	6.2	6.3	6.1	6.0	6.1
10	6.5	6.3	6.4	5.4	5.1	5.2	6.7	6.3	6.5	6.1	6.0	6.1
11	6.6	6.3	6.4	5.7	5.1	5.4	6.8	6.4	6.6	6.1	5.9	6.0
12	6.6	6.2	6.4	5.9	5.4	5.6	6.6	6.3	6.5	5.9	5.1	5.7
13	6.4	6.1	6.3	5.9	5.6	5.7	6.3	5.5	5.7	5.1	4.8	4.9
14	6.5	6.4	6.4	---	---	---	5.7	5.4	5.5	5.1	4.8	5.0
15	6.7	6.4	6.6	---	---	---	6.3	5.6	6.1	5.0	4.8	4.9
16	6.8	6.3	6.5	---	---	---	6.4	5.9	6.1	5.0	4.9	4.9
17	6.6	6.4	6.5	5.7	5.4	5.5	5.9	5.6	5.7	5.4	4.9	4.9
18	6.6	6.3	6.5	5.6	5.3	5.5	5.8	5.6	5.7	5.0	4.9	4.9
19	6.3	6.0	6.2	5.7	5.2	5.5	6.0	5.6	5.9	5.1	4.9	5.0
20	6.3	5.9	6.1	5.9	5.6	5.8	6.0	5.8	5.9	5.4	5.1	5.3
21	6.3	6.1	6.2	5.8	5.6	5.8	6.3	5.8	6.0	5.6	5.4	5.5
22	6.7	6.3	6.4	5.8	5.5	5.7	6.3	6.0	6.2	5.5	4.0	4.8
23	6.4	6.2	6.3	5.8	5.4	5.6	6.6	6.3	6.4	5.1	4.0	4.4
24	6.3	6.0	6.2	5.9	5.5	5.7	6.6	6.2	6.3	5.5	5.1	5.3
25	6.2	5.9	6.1	5.8	5.5	5.7	6.8	6.6	6.8	6.1	5.5	5.9
26	6.3	5.4	6.0	6.0	5.6	5.7	6.9	6.6	6.8	6.6	6.1	6.5
27	5.8	5.4	5.6	6.0	5.8	5.9	7.0	6.7	6.8	6.7	6.5	6.6
28	6.0	5.4	5.8	6.2	6.0	6.1	6.9	6.7	6.8	6.5	6.2	6.3
29	5.7	5.5	5.6	6.2	6.0	6.1	6.9	6.6	6.8	6.2	5.8	6.0
30	5.9	5.4	5.7	6.3	6.0	6.2	6.9	6.1	6.6	6.0	5.7	5.9
31	---	---	---	6.1	5.8	5.9	6.7	6.1	6.4	---	---	---
MONTH	6.8	5.4	6.2	---	---	---	7.0	5.4	6.2	7.2	4.0	5.7

SANTEE RIVER BASIN

02153051 GASTON SHOALS RESERVOIR ABOVE BLACKSBURG, SC

LOCATION.--Lat 35°08'15'', long 81°35'53'', Cherokee County, Hydrologic Unit 03050105, attached to the rail on the face of the dam, approximately 100 ft left of the stairs, 5.0 mi northwest of Blacksburg and 5.0 mi northeast of Gaffney.

DRAINAGE AREA.--1,280 mi², approximately.

PERIOD OF RECORD.--October 1997 to current year.

GAGE.--Data collection platform. Datum of gage is 505.20 ft above NGVD of 1929 (from Duke Power Company).

REMARKS.--Lake is formed by concrete dam with earth embankments at each end; dam completed 1908. Lake capacity is unknown.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 103.94 ft Sep. 9, 2004; minimum elevation since normal reservoir levels were first reached, 90.42 ft, Oct. 18, 1999.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 103.94 ft, Sep. 9; minimum elevation, 91.49 ft, Aug. 3..

Gage height, feet WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004 DAILY OBSERVATION AT 2400 HOURS												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	97.67	99.74	97.76	99.46	99.52	100.21	99.98	99.80	99.46	99.64	97.30	99.16
2	97.38	99.78	99.44	99.55	99.49	99.98	99.76	99.91	99.11	99.79	94.98	99.20
3	97.36	99.88	99.88	99.16	100.42	99.88	99.92	99.97	98.86	98.50	98.03	99.34
4	97.68	98.99	100.24	99.74	100.15	99.86	99.97	99.96	98.74	96.29	99.69	99.12
5	97.38	99.75	100.26	99.39	99.00	99.86	99.90	99.68	99.49	96.66	98.70	98.74
6	97.06	99.66	100.14	99.28	102.06	99.73	99.72	99.90	98.74	97.69	99.77	98.92
7	97.64	100.01	100.09	99.35	101.13	99.74	99.88	99.65	99.79	96.33	99.39	102.68
8	97.29	99.66	100.24	99.08	100.13	99.89	99.81	99.79	99.01	97.30	99.21	103.38
9	97.84	98.60	100.32	98.91	99.23	99.89	99.94	99.89	99.12	98.08	99.03	99.95
10	97.71	99.00	100.58	98.85	99.40	99.74	99.97	99.76	99.03	98.70	99.21	96.90
11	97.47	98.76	100.55	99.78	98.13	99.72	99.88	99.75	99.27	97.97	99.65	96.45
12	97.70	97.69	100.30	99.22	98.86	99.68	99.89	99.92	99.90	98.28	100.11	96.30
13	97.40	98.79	100.26	99.24	98.31	99.53	100.82	99.62	99.49	98.64	98.84	95.99
14	96.98	99.62	100.80	99.06	97.90	99.90	100.39	99.68	100.28	95.06	99.13	95.57
15	96.12	99.83	100.44	99.10	96.80	99.74	99.93	99.51	100.87	97.77	98.66	95.62
16	97.64	99.22	100.35	99.57	97.83	99.90	99.82	99.82	100.37	98.74	99.74	95.75
17	97.78	98.81	100.33	99.80	97.52	99.97	99.72	99.69	98.95	99.21	99.03	98.30
18	98.14	99.76	100.20	99.00	96.97	99.96	99.84	99.81	98.82	99.24	100.41	97.06
19	97.96	101.44	100.13	99.14	97.91	99.97	99.89	99.87	96.38	99.08	99.02	96.35
20	97.21	100.45	99.80	99.89	99.52	99.90	99.81	99.64	96.38	99.03	98.83	95.99
21	97.81	99.95	99.61	99.88	99.68	99.84	99.69	99.73	98.52	98.64	99.75	95.88
22	99.31	99.85	99.71	99.87	99.56	99.74	99.67	99.72	99.73	98.68	98.81	95.74
23	99.67	99.86	99.65	99.85	99.29	99.86	99.84	99.68	100.38	99.08	98.89	95.24
24	99.71	99.85	99.64	99.47	99.73	99.85	99.76	99.76	99.27	98.35	99.48	95.62
25	99.71	99.85	99.42	98.95	99.05	99.96	99.89	99.69	100.54	97.85	99.25	95.30
26	99.87	99.85	98.89	99.91	99.82	99.84	99.88	99.60	99.79	98.59	99.22	95.11
27	100.02	99.86	99.83	99.90	99.91	99.95	100.03	99.59	97.11	93.09	99.24	95.46
28	100.12	99.85	99.22	99.89	99.95	99.65	99.67	99.75	98.42	99.70	99.77	97.91
29	99.70	99.86	99.52	98.89	99.92	99.94	99.92	99.53	98.10	98.39	99.00	96.27
30	99.47	99.53	99.88	100.06	---	99.94	99.87	99.68	96.60	97.20	99.42	96.05
31	99.67	---	99.41	99.59	---	100.10	---	99.81	---	98.87	99.17	---
MEAN	98.21	99.59	99.90	99.45	99.21	99.86	99.90	99.75	99.02	98.08	99.06	97.31
MAX	100.12	101.44	100.80	100.06	102.06	100.21	100.82	99.97	100.87	99.79	100.41	103.38
MIN	96.12	97.69	97.76	98.85	96.80	99.53	99.67	99.51	96.38	93.09	94.98	95.11

SANTEE RIVER BASIN

02153200 BROAD RIVER NEAR BLACKSBURG, SC

LOCATION.--Lat 35°07'26'', long 81°35'17'', Cherokee County, Hydrologic Unit 03050105, at upstream side of bridge on SC Highway 18, 1.2 mi upstream of Buffalo Creek, 1.2 mi downstream of Gaston Shoals Reservoir, 3.2 mi west of Blacksburg, and at mile 275.2.

DRAINAGE AREA.--1,290 mi².

PERIOD OF RECORD.--October 1997 to current year.

GAGE.--Data collection platform. Elevation of gage is 550 ft above NGVD of 1929 (from topographic map).

REMARKS.--Records fair except for estimated daily discharges, which are poor.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1800	1870	2010	1640	1140	1760	2070	1780	1350	2450	1270	1390
2	1720	1370	1890	1630	1100	1710	1730	1870	1160	2380	1270	1560
3	1430	1280	1690	1610	1880	1700	1550	1600	1140	2810	919	1690
4	1650	1690	1840	1280	2130	1680	1310	1650	1000	2230	905	1530
5	1670	1590	2090	1410	2010	1920	1220	1490	768	1910	1010	1210
6	1430	1850	2020	1680	3550	1710	1490	1410	938	1780	832	913
7	1650	2080	1830	1670	12900	1430	1560	1370	776	1730	1040	3240
8	1780	2090	1740	1640	5440	1330	1330	1520	1100	1140	1080	e300000
9	1750	1920	2060	1630	3630	1700	1320	1150	1140	1200	803	e480000
10	2050	1490	2390	1630	2910	1610	1420	1480	1160	1320	740	8310
11	1840	1640	3780	1430	2640	1510	1100	1420	919	1110	864	4320
12	1830	1760	3140	1510	2380	1540	1390	1330	801	1280	1660	3770
13	1930	1630	e2720	1560	2540	1780	2930	1360	1350	1520	2190	3340
14	1850	1440	e4110	1490	2300	1300	4440	1500	2080	1800	1360	2800
15	2000	1660	e3630	1250	2000	1340	2830	1350	3460	1000	1020	2460
16	1620	1450	e3050	1340	2070	1480	2260	985	6930	881	692	2750
17	1610	1340	e2880	1490	2170	1590	1980	1010	3320	852	957	4900
18	1740	1500	e2760	1510	2130	1570	1560	1330	2020	903	1280	9670
19	1400	3310	2410	1300	1940	1370	1500	1520	1890	903	1780	4720
20	1400	7240	2140	1350	1690	1390	1610	1550	1340	1100	1110	3640
21	1560	3530	1960	1520	2020	1180	1740	1390	1320	1120	758	3290
22	1370	2920	1960	1510	1610	1130	1520	1280	1900	1010	1430	3070
23	1540	2310	1970	1510	1560	1260	1490	949	2730	875	986	2710
24	1540	2060	1950	1510	1680	1360	1500	891	3200	829	1070	2420
25	1690	2080	1940	1200	1900	1300	1120	1170	2930	752	1260	2530
26	1370	1980	1870	1230	1670	1350	1110	1280	3840	926	1140	2000
27	1630	2000	1620	1560	1860	1300	1680	1070	2520	1420	996	1880
28	2370	1910	1790	1550	1920	1130	1760	1010	1920	e1640	758	9980
29	1940	2210	1650	1480	1940	1030	1380	897	1980	1910	990	7420
30	1650	1980	1650	1230	---	1300	1220	786	1770	1450	821	4190
31	1610	---	1700	1630	---	1700	---	996	---	1240	1680	---
TOTAL	52420	63180	70240	45980	74710	45460	51120	40394	58752	43471	34671	179703
MEAN	1691	2106	2266	1483	2576	1466	1704	1303	1958	1402	1118	5990
MAX	2370	7240	4110	1680	12900	1920	4440	1870	6930	2810	2190	48000
MIN	1370	1280	1620	1200	1100	1030	1100	786	768	752	692	913
CFSM	1.31	1.63	1.76	1.15	2.00	1.14	1.32	1.01	1.52	1.09	0.87	4.64
IN.	1.51	1.82	2.03	1.33	2.15	1.31	1.47	1.16	1.69	1.25	1.00	5.18

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2004, BY WATER YEAR (WY)

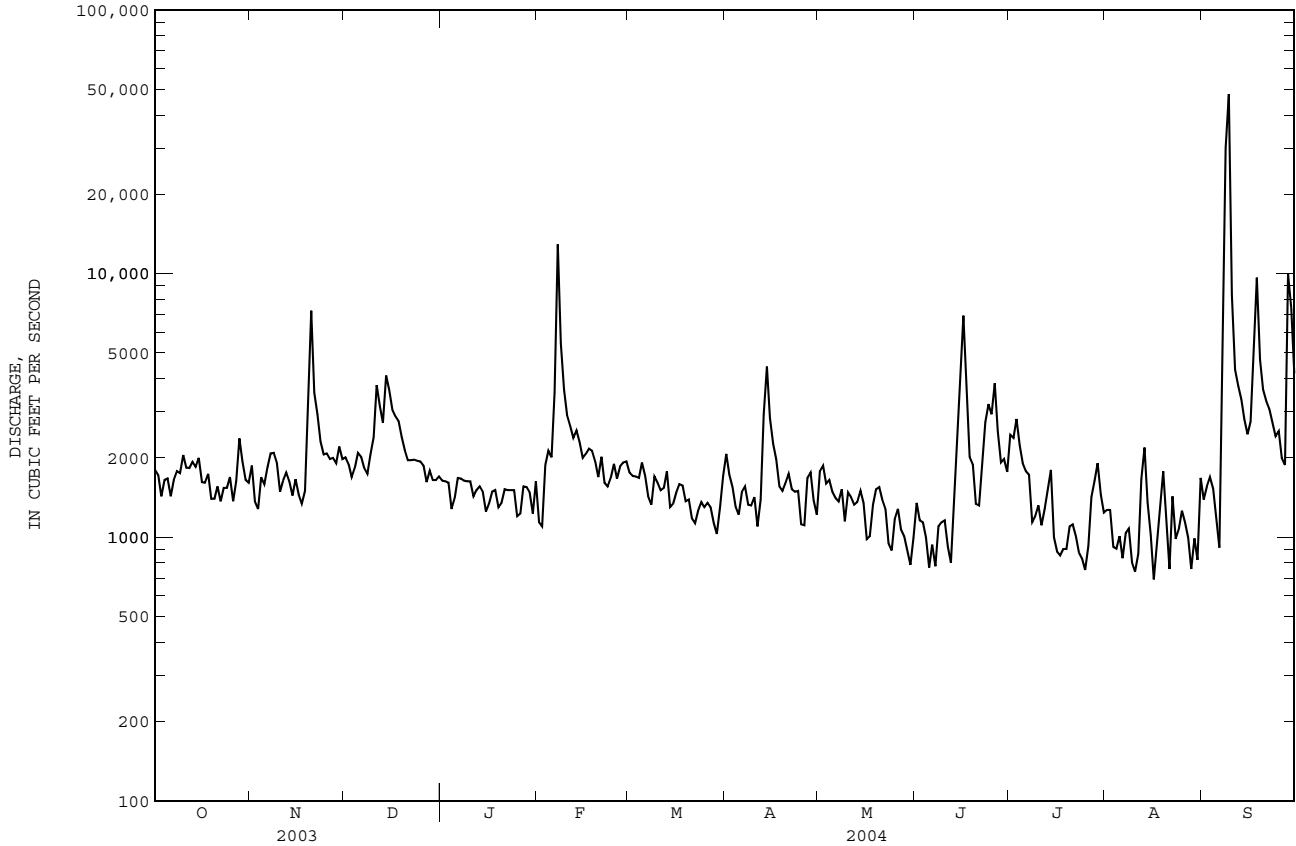
	1998	1999	2000	2001	2002	2003	2004
MEAN	1059	1234	1602	1888	2231	2361	2450
MAX	1691	2106	2722	4250	4675	4596	5539
(WY)	2004	2004	2003	1998	1998	2003	2003
MIN	531	567	816	930	973	960	1086
(WY)	2002	2002	2002	2001	2001	2001	2002

SANTEE RIVER BASIN

02153200 BROAD RIVER NEAR BLACKSBURG, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1998 - 2004	
ANNUAL TOTAL	1192610		760101		1698	
ANNUAL MEAN	3267		2077		3197	
HIGHEST ANNUAL MEAN					744	
LOWEST ANNUAL MEAN					2002	
HIGHEST DAILY MEAN	e 30300	Mar 20	e 48000	Sep 9	e 48000	Sep 9 2004
LOWEST DAILY MEAN	1260	Jan 26	692	Aug 16	41	Aug 12 2002
ANNUAL SEVEN-DAY MINIMUM	1430	Jan 21	910	Aug 5	90	Aug 9 2002
MAXIMUM PEAK FLOW			Unknown		Unknown	
MAXIMUM PEAK STAGE			21.92		21.92	
ANNUAL RUNOFF (CFSM)	2.53		1.61		1.32	
ANNUAL RUNOFF (INCHES)	34.39		21.92		17.89	
10 PERCENT EXCEEDS	5370		2920		3080	
50 PERCENT EXCEEDS	2480		1610		1280	
90 PERCENT EXCEEDS	1570		1010		464	

e Estimated



02153550 NINETYNINE ISLAND RESERVOIR BELOW CHEROKEE FALLS, SC

LOCATION.--Lat 35°01'54'', long 81°29'37'', Cherokee County, Hydrologic Unit 03050105, attached to the rail on the face of the dam directly in front of the stairs, 5.0 mi southwest of Blacksburg and 5.0 mi east of Gaffney.

DRAINAGE AREA.--1,550 mi².

PERIOD OF RECORD.--October 1998 to current year.

GAGE.--Data collection platform. Datum of gage is 411.46 ft above NGVD of 1929 (from Duke Power Company benchmark).

REMARKS.--Lake is formed by concrete dam with earth embankments at each end. Lake capacity is unknown.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 107.29 ft Sep. 8, 2004; minimum elevation, 96.91 ft, May 14, 2001.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 107.29 ft, Sep. 8; minimum elevation, 98.09 ft, Nov. 10.

Gage height, feet												
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004												
DAILY OBSERVATION AT 2400 HOURS												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	99.54	99.12	99.87	98.71	99.49	99.56	100.18	100.25	99.69	100.53	99.03	99.04
2	99.45	99.72	99.08	98.98	99.52	99.68	99.51	100.02	99.77	100.43	99.61	98.98
3	99.55	98.47	98.84	99.05	100.36	99.78	99.52	99.56	99.81	100.48	98.72	99.40
4	99.62	98.97	99.86	99.57	100.01	99.83	99.56	99.49	99.44	100.15	99.44	99.60
5	99.22	99.97	99.94	99.18	100.19	100.10	99.64	99.58	98.88	100.05	99.73	98.76
6	98.76	99.90	99.81	99.23	101.80	99.96	99.68	99.70	99.21	100.20	99.09	99.44
7	99.95	100.19	98.66	98.83	102.41	99.76	99.74	99.66	99.78	99.36	98.90	102.74
8	99.22	99.93	98.96	99.99	101.07	99.56	99.72	99.56	99.36	99.55	99.36	106.73
9	100.06	99.17	99.90	98.68	100.77	99.86	99.53	99.65	99.98	99.29	99.44	105.33
10	99.86	100.00	100.49	99.39	100.60	99.62	99.54	99.61	98.97	99.61	99.50	101.53
11	99.39	99.87	100.83	98.23	100.38	99.73	99.74	99.67	99.42	98.56	98.99	100.87
12	99.98	99.98	100.50	99.20	100.49	99.68	99.69	99.65	98.49	100.05	100.54	100.64
13	99.12	99.03	100.47	99.55	100.40	99.93	101.15	99.64	99.58	98.72	100.18	100.44
14	99.20	99.34	101.05	99.16	100.31	99.55	100.86	99.56	100.62	99.89	98.93	100.07
15	99.93	100.00	100.68	98.96	100.11	99.54	100.44	99.55	101.09	98.59	99.57	99.63
16	99.31	98.37	100.54	99.28	100.23	99.54	100.17	99.71	101.28	99.35	99.47	99.68
17	100.06	99.52	100.48	98.97	100.19	99.59	99.95	99.60	100.71	98.82	99.01	101.82
18	99.69	99.63	100.33	98.74	100.21	99.63	99.71	99.57	100.15	99.34	100.95	101.40
19	99.13	101.47	100.27	99.47	99.61	99.72	99.72	99.57	99.72	99.52	99.70	100.52
20	99.57	101.03	100.16	99.40	99.98	99.56	99.61	99.64	99.21	99.90	99.54	100.13
21	99.84	100.62	100.04	99.24	100.18	99.75	99.53	99.72	99.25	99.74	99.69	99.91
22	99.11	100.43	100.00	99.46	99.20	99.63	99.56	99.64	100.54	99.66	100.13	99.85
23	99.38	100.20	100.00	99.58	99.59	99.51	99.73	99.78	100.46	99.45	99.71	99.11
24	99.24	99.94	100.02	99.27	99.87	99.75	99.72	99.65	100.68	99.27	99.76	99.95
25	99.88	100.13	100.02	99.60	99.98	99.61	99.75	99.86	101.61	98.80	98.70	98.89
26	99.35	99.64	99.84	99.08	100.76	99.73	99.68	99.60	100.82	98.61	99.30	99.36
27	98.96	99.79	99.12	98.68	99.96	99.68	99.50	99.77	100.32	100.11	99.37	100.03
28	100.23	99.68	99.77	99.52	100.03	99.75	99.64	99.70	100.08	99.24	98.35	102.42
29	99.60	100.17	98.75	99.39	100.12	99.45	99.64	99.56	100.03	99.96	99.52	100.89
30	99.38	99.27	99.40	99.57	---	99.70	99.58	99.64	99.51	99.86	98.52	100.38
31	99.14	---	99.44	99.87	---	100.05	---	99.50	---	99.16	100.06	---
MEAN	99.51	99.78	99.91	99.22	100.27	99.70	99.80	99.67	99.95	99.56	99.45	100.58
MAX	100.23	101.47	101.05	99.99	102.41	100.10	101.15	100.25	101.61	100.53	100.95	106.73
MIN	98.76	98.37	98.66	98.23	99.20	99.45	99.50	99.49	98.49	98.56	98.35	98.76

SANTÉE RIVER BASIN

02153551 BROAD RIVER BELOW CHEROKEE FALLS, SC

LOCATION.--Lat 35°01'52'', long 81°29'34'', Cherokee County, Hydrologic Unit 03050105, at left bank of tailrace below Ninety-nine Island Reservoir, 3.1 mi downstream of Cherokee Falls, and 0.3 mi upstream of Kings Creek.

DRAINAGE AREA.--1,550 mi².

PERIOD OF RECORD.--October 1998 to current.

GAGE.--Data collection platform. Datum of gage is 412.20 ft above NGVD of 1929 (from Duke Power Company).

REMARKS.--Records good except for estimated daily discharges, which are poor.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1540	1670	1900	2010	1550	2060	2190	1820	1410	2340	1420	1720
2	1690	1450	2170	1860	1410	1870	2040	2120	1250	2420	1210	1620
3	1380	1430	1670	1870	1950	1870	1790	1880	1250	2780	1340	1570
4	1470	1330	1660	1510	2520	1840	1490	1850	1200	2320	802	1560
5	1620	1440	2140	1730	2310	1960	1540	1650	1100	2020	1070	1440
6	1610	1720	2090	1950	e3580	1900	1520	1560	1010	1820	1200	986
7	1290	1880	2080	2100	e16700	1620	1750	1520	803	1850	1220	e3000
8	1820	1970	1760	1750	e9270	1590	1600	1710	1320	1340	1110	e36000
9	1510	1970	1920	2110	e7580	1760	1540	1340	1170	1200	762	e60000
10	1960	1380	2380	1800	3190	1780	1550	1580	1430	1340	765	e34000
11	1950	1540	e6300	1870	2750	1680	1370	1540	1180	1390	1020	e10000
12	1710	1570	3930	1630	2430	1690	1520	1510	982	1130	1570	e8000
13	1880	1950	2740	1750	2660	1830	e3150	1420	1310	1840	2430	4790
14	1930	1220	e5790	1810	2380	1580	e11000	1620	1970	1610	1780	3270
15	1740	1440	e8660	1560	2170	1470	3290	1490	e5410	1490	1120	2820
16	1700	1740	3490	1520	2150	1670	2380	1150	e11000	798	1040	3430
17	1280	1140	2920	1750	2280	1770	2110	1160	e5200	1100	1140	e6200
18	1750	1360	2730	1840	2200	1740	1820	1440	2110	987	605	e13000
19	1570	e2600	2500	1480	2240	1530	1660	1590	2120	1030	1670	e9900
20	1300	e7300	2380	1620	1710	1590	1750	1630	1640	1080	1380	e6000
21	1350	e5100	2220	1780	2040	1370	1870	1520	1400	1260	977	4350
22	1650	2960	2260	1700	1920	1350	1700	1390	1810	1110	1360	3520
23	1290	2260	2260	1700	1650	1420	1610	1110	2770	1060	1350	3010
24	1470	2090	2240	1760	1730	1510	1640	1080	e5000	970	1160	2120
25	1450	1990	2210	1500	1980	1490	1320	1160	e3500	940	1550	2830
26	1440	2080	2190	1550	1510	1470	1270	1380	e10000	948	1270	1910
27	1670	2010	2040	1890	1900	1500	1770	1160	3150	1350	1150	1860
28	1970	1950	2010	1680	2070	1320	1880	1150	2150	2010	1120	e12500
29	1970	2110	2120	1770	2070	1310	1590	1010	2120	1910	837	e11500
30	1640	2170	1860	1440	---	1380	1400	916	2020	1650	1060	e10000
31	1590	---	1930	1780	---	1820	---	1160	---	1490	1300	---
TOTAL	50190	62820	84550	54070	89900	50740	63110	44616	78785	46583	37788	262906
MEAN	1619	2094	2727	1744	3100	1637	2104	1439	2626	1503	1219	8764
MAX	1970	7300	8660	2110	16700	2060	11000	2120	11000	2780	2430	60000
MIN	1280	1140	1660	1440	1410	1310	1270	916	803	798	605	986
CFSM	1.04	1.35	1.76	1.13	2.00	1.06	1.36	0.93	1.69	0.97	0.79	5.65
IN.	1.20	1.51	2.03	1.30	2.16	1.22	1.51	1.07	1.89	1.12	0.91	6.31

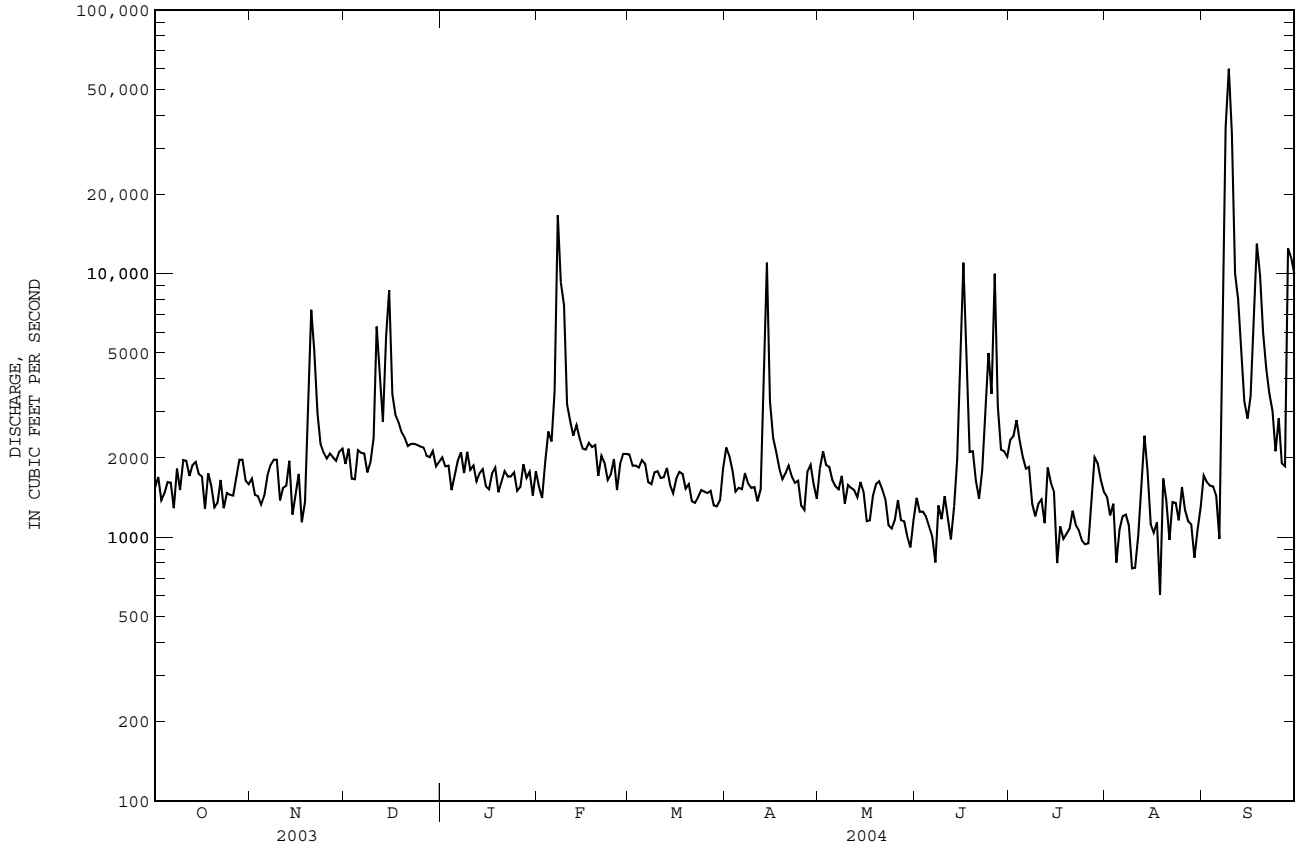
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2004, BY WATER YEAR (WY)

	930	1280	1727	1504	1987	2579	2852	2204	1879	1556	1346	2181
MEAN	930	1280	1727	1504	1987	2579	2852	2204	1879	1556	1346	2181
MAX	1619	2094	3312	2021	3100	6686	8738	7433	5608	5051	4989	8764
(WY)	2004	2004	2003	1999	2004	2003	2003	2003	2003	2003	2003	2004
MIN	574	630	843	865	985	1473	1104	793	560	377	242	505
(WY)	2002	2002	2002	2001	2001	2002	2002	2001	2002	2002	2002	2002

02153551 BROAD RIVER BELOW CHEROKEE FALLS, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1999 - 2004	
ANNUAL TOTAL	1553592		926058		1945	
ANNUAL MEAN	4256		2530		4201	
HIGHEST ANNUAL MEAN					800	
LOWEST ANNUAL MEAN					2002	
HIGHEST DAILY MEAN	e 50000	Mar 21	e 60000	Sep 9	e 60000	Sep 9 2004
LOWEST DAILY MEAN	971	Jan 26	605	Aug 18	138	Sep 14 2002
ANNUAL SEVEN-DAY MINIMUM	1150	Jan 21	990	Aug 4	168	Sep 10 2002
MAXIMUM PEAK FLOW			Unknown		Unknown	
MAXIMUM PEAK STAGE			40.03		40.03	
ANNUAL RUNOFF (CFSM)	2.75		1.63		1.25	
ANNUAL RUNOFF (INCHES)	37.29		22.23		17.05	
10 PERCENT EXCEEDS	9080		3210		3450	
50 PERCENT EXCEEDS	2460		1710		1240	
90 PERCENT EXCEEDS	1380		1150		473	

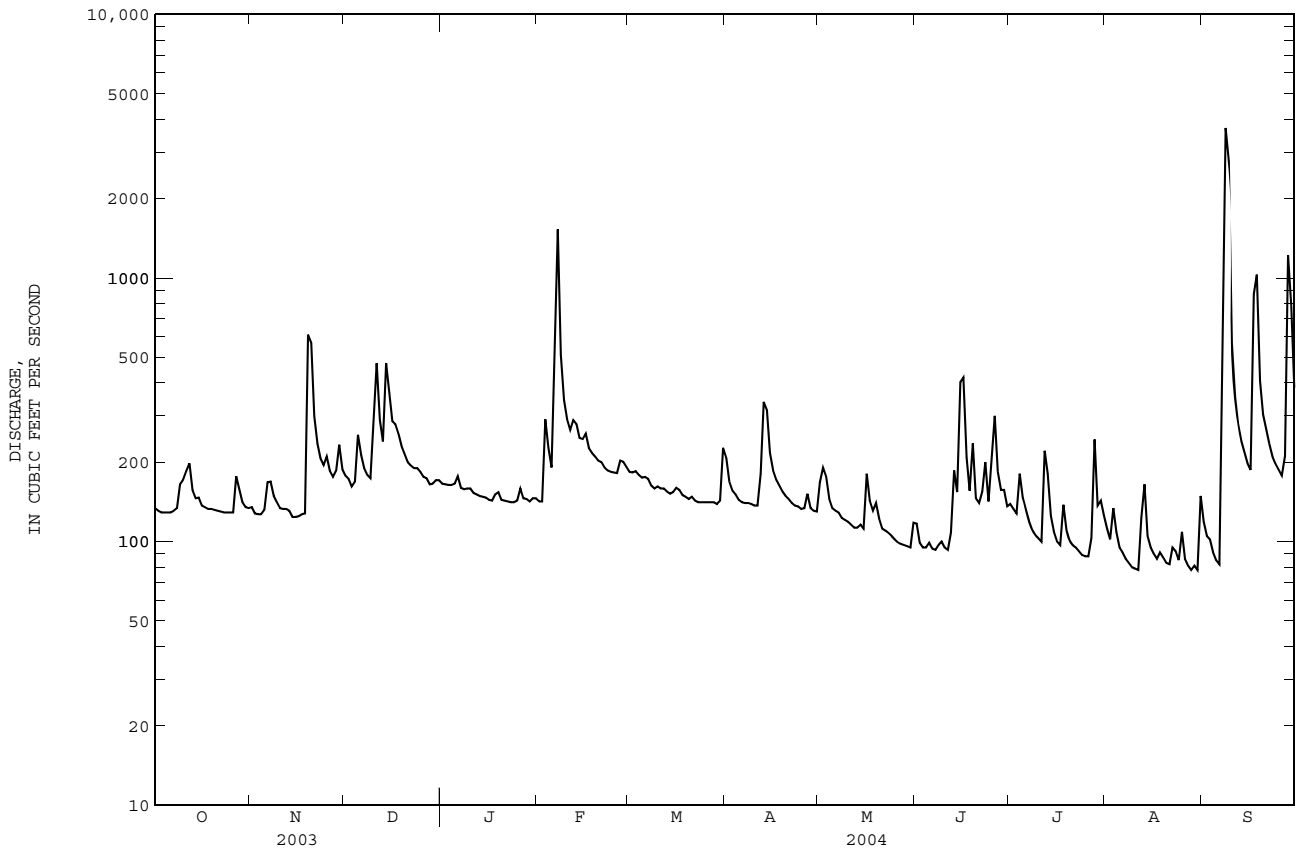
e Estimated



02154500 NORTH PACOLET RIVER AT FINGERVILLE, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1930 - 2004	
ANNUAL TOTAL	103324		71928		204	
ANNUAL MEAN	283		197		340	
HIGHEST ANNUAL MEAN					87.0	
LOWEST ANNUAL MEAN					1937	
HIGHEST DAILY MEAN	3120	Mar 20	3710	Sep 8	8110	Oct 5 1964
LOWEST DAILY MEAN	119	Jan 28	78	a Aug 11	14	Aug 14 2002
ANNUAL SEVEN-DAY MINIMUM	125	Jan 23	85	Aug 5	17	Aug 8 2002
MAXIMUM PEAK FLOW			5740	Sep 8	c 12500	Aug 14 1940
MAXIMUM PEAK STAGE			17.60	Sep 8	27.13	Aug 14 1940
INSTANTANEOUS LOW FLOW			76	b Aug 30	9.0	Oct 6 1954
ANNUAL RUNOFF (CFSM)	2.44		1.69		1.76	
ANNUAL RUNOFF (INCHES)	33.13		23.07		23.89	
10 PERCENT EXCEEDS	455		266		334	
50 PERCENT EXCEEDS	214		146		154	
90 PERCENT EXCEEDS	132		95		79	

- a Also occurred Aug. 28, 30.
- b Also occurred Aug. 31.
- c From rating curve extended above 5,240 ft³/s on basis of computation of peak flow over dam 2.0 miles above station.
- e Estimated



SANTEE RIVER BASIN

02154790 SOUTH PACOLET RIVER NEAR CAMPOBELLO, SC

LOCATION.--Lat 35°06'23'', long 82°07'47'', Spartanburg County, Hydrologic Unit 03050105, on downstream side of bridge on Alverson Road, 1.1 mi upstream of Lake William C. Bowen, and 1.3 mi southeast of Campobello.

DRAINAGE AREA.--55.4 mi², approximately.

PERIOD OF RECORD.--January 1989 to current year.

GAGE.--Data collection platform. Elevation of gage is 825 ft above NGVD of 1929 (from topographic map). Prior to November 21, 1991, at same site at datum 2.00 ft. lower.

REMARKS.--Records good except for estimated daily discharges, which are poor.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	55	59	77	76	67	82	82	81	44	88	59	54
2	54	59	74	74	68	86	70	92	39	78	55	56
3	53	59	72	72	163	85	67	82	36	85	68	46
4	54	59	86	72	103	81	64	65	40	101	51	41
5	52	63	105	79	89	79	61	60	39	84	47	39
6	53	91	88	81	614	79	61	57	37	72	45	38
7	55	76	81	71	825	75	61	53	36	64	43	437
8	58	70	77	70	241	73	60	51	39	60	e42	2370
9	64	65	75	71	172	72	60	49	42	56	e41	684
10	68	62	173	69	143	72	58	48	42	54	e40	281
11	89	62	198	68	125	71	58	47	44	75	e40	182
12	75	63	124	68	148	71	82	46	74	119	e95	135
13	66	62	109	67	129	71	172	47	138	73	85	114
14	63	59	289	66	116	70	120	48	158	61	55	103
15	65	60	171	66	123	72	88	47	402	56	50	94
16	60	60	129	64	119	73	78	55	244	53	46	95
17	60	60	132	64	105	69	72	66	121	55	44	721
18	59	60	115	74	99	68	67	56	106	83	49	420
19	59	400	104	68	94	66	64	53	106	68	44	195
20	58	220	97	64	91	65	62	49	79	54	43	142
21	58	124	92	63	89	68	60	46	75	50	44	118
22	57	101	90	63	85	63	58	44	78	48	51	104
23	56	90	88	63	83	62	56	43	75	47	45	95
24	56	94	89	63	83	62	54	41	77	45	53	89
25	56	90	83	69	81	62	53	40	e140	45	59	86
26	58	81	80	73	83	62	58	39	e188	45	46	83
27	92	78	79	68	93	62	62	39	125	60	43	138
28	70	93	77	67	93	62	54	38	118	376	41	1390
29	64	91	76	67	87	60	52	37	108	131	41	368
30	61	80	83	70	---	64	53	38	90	102	38	216
31	59	---	78	70	---	109	---	50	---	80	43	---
TOTAL	1907	2691	3291	2140	4411	2216	2067	1607	2940	2468	1546	8934
MEAN	61.5	89.7	106	69.0	152	71.5	68.9	51.8	98.0	79.6	49.9	298
MAX	92	400	289	81	825	109	172	92	402	376	95	2370
MIN	52	59	72	63	67	60	52	37	36	45	38	38
CFSM	1.11	1.62	1.92	1.25	2.75	1.29	1.24	0.94	1.77	1.44	0.90	5.38
IN.	1.28	1.81	2.21	1.44	2.96	1.49	1.39	1.08	1.97	1.66	1.04	6.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 2004, BY WATER YEAR (WY)

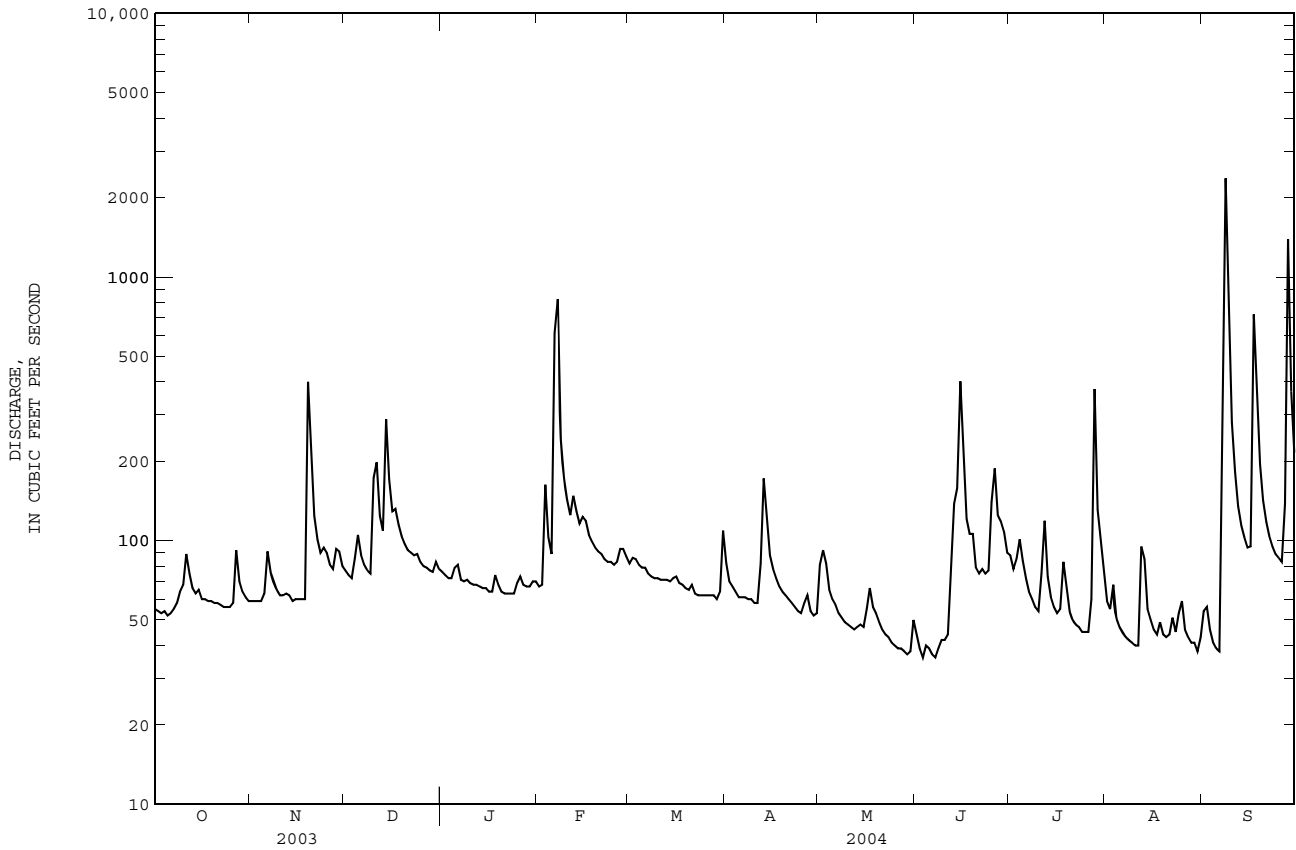
	79.8	81.2	93.4	123	128	141	109	96.2	75.2	72.1	74.5	71.3
MEAN	79.8	81.2	93.4	123	128	141	109	96.2	75.2	72.1	74.5	71.3
MAX	153	253	184	268	248	308	193	269	155	193	219	298
(WY)	1996	1993	1993	1993	1990	1993	2003	2003	2003	2003	1995	2004
MIN	19.6	32.6	47.0	50.7	47.2	64.1	52.5	42.3	23.0	16.0	18.4	25.5
(WY)	2001	2001	2001	2001	2001	1999	2002	2001	2002	2002	2002	2000

02154790 SOUTH PACOLET RIVER NEAR CAMPOBELLO, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1989 - 2004	
ANNUAL TOTAL	51813		36218			
ANNUAL MEAN	142		99.0		96.6	
HIGHEST ANNUAL MEAN					157	1993
LOWEST ANNUAL MEAN					44.0	2002
HIGHEST DAILY MEAN	2370	Mar 20	2370	Sep 8	3500	Aug 27 1995
LOWEST DAILY MEAN	52	Oct 5	36	a Jun 3	7.8	Aug 13 2002
ANNUAL SEVEN-DAY MINIMUM	54	Sep 30	38	Jun 2	8.4	Aug 8 2002
MAXIMUM PEAK FLOW			3400		Sep 8	5170
MAXIMUM PEAK STAGE			10.22		Sep 8	11.33
ANNUAL RUNOFF (CFSM)	2.56		1.79		1.74	
ANNUAL RUNOFF (INCHES)	34.79		24.32		23.69	
10 PERCENT EXCEEDS	225		131		158	
50 PERCENT EXCEEDS	98		68		69	
90 PERCENT EXCEEDS	61		44		33	

a Also occurred June 7.

e Estimated



SANTEE RIVER BASIN

02154950 LAKE WILLIAM C. BOWEN NEAR FINGERVILLE, SC

LOCATION.--Lat 35°06'45'', long 82°02'26'', Spartanburg County, Hydrologic Unit 03050105, at bridge on State Highway 9, 1.7 mi upstream from the dam and 2.8 mi southwest of Fingerville.

DRAINAGE AREA.--79.4 mi².

PERIOD OF RECORD.--October 1968 to September 1988, October 1995 to current year.

GAGE.--Data collection platform. Datum of gage is NGVD of 1929 (Spartanburg Water Works benchmark).

REMARKS.--Lake is formed by concrete dam, completed in 1960. Capacity is 7,400,000,000 gallons. Spillway crest is 815 ft sea level. Water used as inflow to South Pacolet River Reservoir, capacity, 1,104,000,000 gallons.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation 817.44 ft, Oct. 9, 1976; minimum elevation, 809.28 ft, Nov. 30, 1974.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 816.71 ft, Sep. 8; minimum elevation, 814.59 ft, June 9.

Elevation above NGVD 1929, feet
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
 DAILY OBSERVATION AT 2400 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	815.13	815.14	815.14	815.11	815.07	815.17	815.12	815.20	814.76	815.22	815.16	815.17
2	815.13	815.13	815.13	815.12	815.12	815.17	815.09	815.20	814.74	815.20	815.15	815.14
3	815.13	815.11	815.11	815.11	815.18	815.17	815.08	815.16	814.70	815.21	815.15	815.12
4	815.13	815.11	815.14	815.11	815.15	815.17	815.05	815.13	814.69	815.21	815.13	815.11
5	815.13	815.14	815.14	815.16	815.16	815.18	815.05	815.12	814.67	815.20	815.12	815.09
6	815.14	815.20	815.12	815.13	815.66	815.15	815.06	815.11	814.64	815.19	815.10	815.10
7	815.14	815.17	815.10	815.09	815.56	815.16	815.07	815.10	814.62	815.17	815.09	815.85
8	815.15	815.16	815.10	815.10	815.31	815.13	815.08	815.09	814.64	815.16	815.09	816.46
9	815.16	815.14	815.09	815.10	815.26	815.14	815.12	815.08	814.62	815.16	815.09	815.67
10	815.14	815.13	815.25	815.10	815.23	815.12	815.12	815.07	814.62	815.14	815.09	815.40
11	815.19	815.14	815.24	815.09	815.21	815.10	815.13	815.07	814.66	815.20	815.08	815.30
12	815.16	815.15	815.21	815.08	815.24	815.09	815.21	815.06	814.90	815.24	815.25	815.17
13	815.15	815.11	815.24	815.08	815.22	815.09	815.34	815.07	815.11	815.20	815.20	815.09
14	815.16	815.11	815.30	815.08	815.21	815.09	815.25	815.06	815.24	815.17	815.15	815.03
15	815.13	815.12	815.26	815.05	815.23	815.10	815.23	815.02	815.35	815.14	815.13	815.00
16	815.13	815.13	815.23	815.06	815.20	815.12	815.22	815.17	815.34	815.14	815.12	814.94
17	815.13	815.13	815.21	815.06	815.19	815.12	815.20	815.15	815.27	815.17	815.12	815.46
18	815.13	815.17	815.20	815.09	815.18	815.11	815.20	815.11	815.27	815.25	815.13	815.40
19	815.14	815.33	815.17	815.08	815.18	815.09	815.17	815.09	815.23	815.21	815.12	815.31
20	815.14	815.30	815.16	815.07	815.17	815.10	815.14	815.08	815.20	815.17	815.12	815.26
21	815.13	815.23	815.17	815.07	815.16	815.07	815.12	815.06	815.21	815.13	815.10	815.25
22	815.11	815.20	815.15	815.06	815.17	815.06	815.11	815.05	815.22	815.11	815.11	814.98
23	815.12	815.18	815.14	815.05	815.15	815.07	815.10	815.03	815.19	815.12	815.11	814.97
24	815.12	815.19	815.13	815.06	815.14	815.07	815.10	815.01	815.21	815.13	815.13	815.09
25	815.13	815.17	815.12	815.11	815.12	815.07	815.09	814.97	815.41	815.13	815.13	815.08
26	815.15	815.16	815.12	815.10	815.17	815.08	815.12	814.92	815.35	815.16	815.12	814.99
27	815.18	815.16	815.12	815.09	815.17	815.08	815.12	814.87	815.28	815.34	815.11	815.28
28	815.16	815.19	815.11	815.06	815.17	815.07	815.09	814.83	815.27	815.44	815.10	815.86
29	815.15	815.16	815.12	815.07	815.17	815.08	815.09	814.77	815.24	815.33	815.10	815.41
30	815.14	815.16	815.12	815.08	---	815.13	815.09	814.74	815.22	815.24	815.09	815.31
31	815.14	---	815.12	815.07	---	815.16	---	814.78	---	815.20	815.11	---
MAX	815.19	815.33	815.30	815.16	815.66	815.18	815.34	815.20	815.41	815.44	815.25	816.46
MIN	815.11	815.11	815.09	815.05	815.07	815.06	815.05	814.74	814.62	815.11	815.08	814.94
	7.37	7.38	7.36	7.34	7.38	7.38	7.34	7.19	7.41	7.40	7.36	7.46
	+0.50	+0.52	-1.00	-1.00	+2.13	0.00	-2.06	-7.49	+11.3	-0.50	-2.00	+5.16

CAL YR 2003 * -0.17 MAX 816.65 MIN 815.08
 WTR YR 2004 * +0.42 MAX 816.46 MIN 814.62

(+) CONTENTS, IN BILLIONS OF GALLONS, AT END OF MONTH.
 (*) CHANGE IN CONTENT, EQUIVALENT IN CUBIC FEET PER SECOND.

02155500 PACOLET RIVER NEAR FINGERVILLE, SC

LOCATION.--Lat 35°06'35'', long 81°57'35'', Spartanburg County, Hydrologic Unit 03050105, on right bank, 100 ft upstream from bridge on State Road 55, 0.2 mi downstream from confluence of North Pacolet and South Pacolet Rivers, 2.8 mi southeast of Fingerville, and at mile 46.5.

DRAINAGE AREA.--212 mi².

PERIOD OF RECORD.--December 1929 to current year. Monthly discharge only for some periods, published in WSP 1303.

REVISED RECORDS.--WSP 1303: 1930-39 (monthly and yearly runoff).

GAGE.--Basic data recorder. Datum of gage is 706.33 ft above NGVD of 1929.

REMARKS.--Records good except for estimated daily discharges, which are poor. Some regulation by South Pacolet River Reservoir and Lake William C. Bowen (02154950). Some diurnal fluctuation caused by mill on North Pacolet River. Water diverted above station for City of Spartanburg water supply during year.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of June 1903 reached a stage of 46 ft, from floodmark (discharge not determined).

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e187	e194	282	263	210	295	324	216	180	259	247	179
2	e187	e184	292	267	200	299	291	292	145	218	172	245
3	e185	e183	301	262	412	311	249	289	138	e206	242	166
4	e185	179	259	255	448	291	239	254	137	e261	183	147
5	e187	185	353	257	330	283	195	218	147	e224	158	128
6	e186	268	333	294	1210	265	191	195	141	e193	146	100
7	e188	290	302	256	2870	271	191	179	139	e169	136	1310
8	e197	269	291	e255	1060	257	191	168	146	e153	111	8330
9	e241	260	253	e232	525	264	188	166	151	e162	96	5290
10	e258	238	380	e231	491	284	181	164	134	159	94	1040
11	e281	204	665	e240	436	253	182	161	101	147	131	629
12	298	211	442	e220	525	255	264	157	114	274	322	420
13	252	186	420	265	437	205	562	161	196	323	265	379
14	198	177	793	210	470	199	498	152	198	212	190	350
15	188	178	690	213	381	264	405	136	664	204	163	315
16	165	182	501	214	438	293	426	249	807	205	159	342
17	146	192	441	208	351	252	380	267	425	146	155	1100
18	168	235	428	221	344	226	274	244	256	182	160	1580
19	168	909	398	247	323	214	246	147	349	168	156	743
20	165	965	e351	253	322	193	257	192	256	156	208	426
21	188	490	e299	226	313	212	194	229	334	221	236	386
22	201	391	e291	221	307	218	187	171	231	170	112	361
23	136	328	300	214	284	214	182	151	277	139	110	280
24	137	315	302	212	297	203	179	147	224	127	105	198
25	176	331	293	196	294	204	176	145	493	106	127	188
26	175	276	272	231	299	205	180	143	712	107	111	178
27	320	310	250	275	324	237	204	142	455	119	223	361
28	e223	293	267	248	307	215	182	136	335	658	135	2540
29	e201	343	281	242	301	190	175	105	293	425	100	1680
30	e195	296	244	249	---	187	173	104	294	381	118	699
31	e194	---	268	250	---	306	---	184	---	257	220	---
TOTAL	6176	9062	11242	7427	14509	7565	7566	5664	8472	6731	5091	30090
MEAN	199	302	363	240	500	244	252	183	282	217	164	1003
MAX	320	965	793	294	2870	311	562	292	807	658	322	8330
MIN	136	177	244	196	200	187	173	104	101	106	94	100
CFSM	0.94	1.42	1.71	1.13	2.36	1.15	1.19	0.86	1.33	1.02	0.77	4.73
IN.	1.08	1.59	1.97	1.30	2.55	1.33	1.33	0.99	1.49	1.18	0.89	5.28

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 2004, BY WATER YEAR (WY)

MEAN	274	264	337	398	438	481	433	337	279	243	257	229
MAX	1313	784	733	1203	940	1324	1249	920	647	602	846	1003
(WY)	1965	1993	1984	1937	1990	1952	1936	2003	1961	2003	1940	2004
MIN	42.2	80.1	96.9	104	129	153	127	105	68.4	43.1	47.5	51.0
(WY)	1955	2001	2001	2001	1986	1988	1986	2001	2002	2002	2002	1954

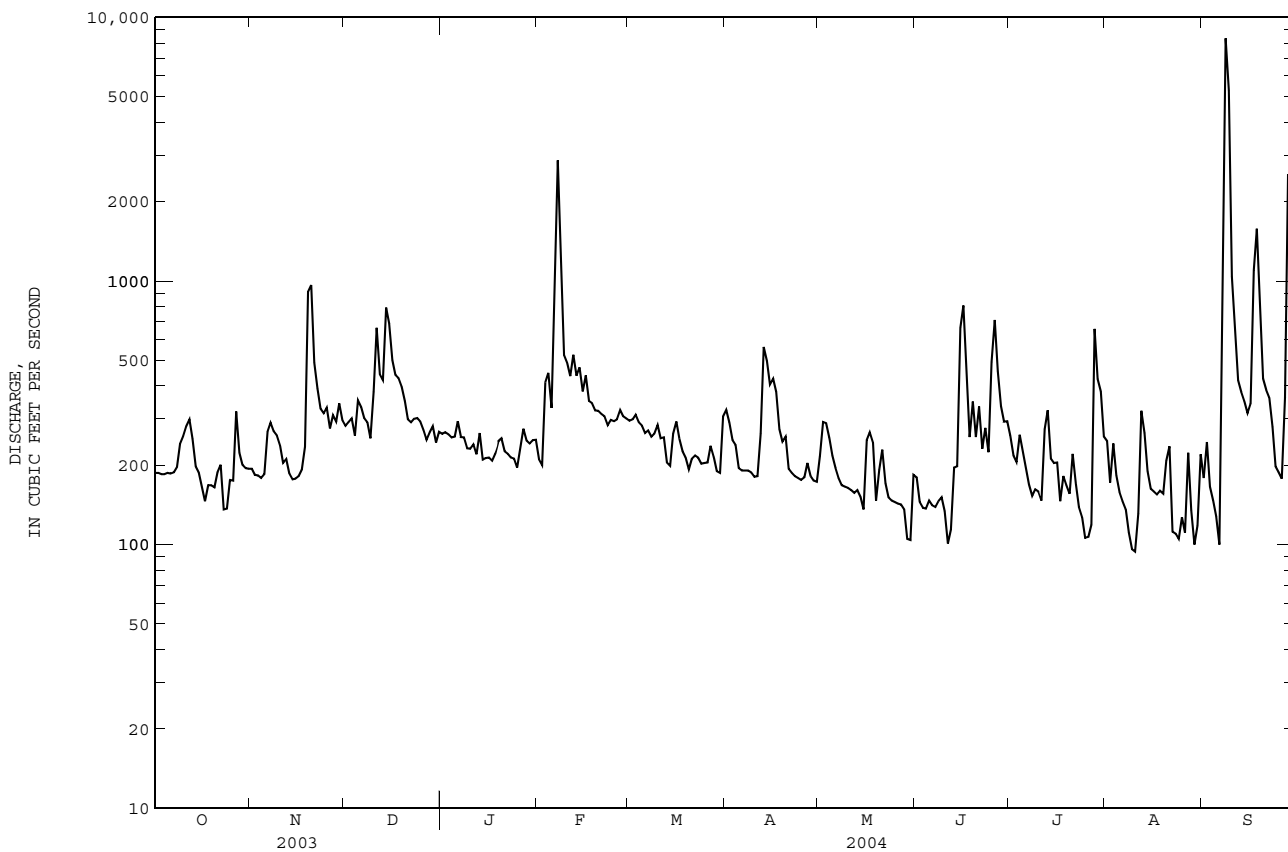
SANTEE RIVER BASIN

02155500 PACOLET RIVER NEAR FINGERVILLE, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1930 - 2004	
ANNUAL TOTAL	176062		119595		331	
ANNUAL MEAN	482		327		535	
HIGHEST ANNUAL MEAN					121	
LOWEST ANNUAL MEAN					13500	
HIGHEST DAILY MEAN	8000	Mar 20	8330	Sep 8	Aug 14	1940
LOWEST DAILY MEAN	128	Feb 3	94	Aug 10	26	Aug 10 2002
ANNUAL SEVEN-DAY MINIMUM	166	Oct 18	125	Aug 5	27	Aug 7 2002
MAXIMUM PEAK FLOW			10400	Sep 8	a 22800	Aug 14 1940
MAXIMUM PEAK STAGE			12.76	Sep 8	22.43	Aug 14 1940
ANNUAL RUNOFF (CFSM)	2.28		1.54		1.56	
ANNUAL RUNOFF (INCHES)	30.89		20.99		21.22	
10 PERCENT EXCEEDS	779		439		565	
50 PERCENT EXCEEDS	338		236		245	
90 PERCENT EXCEEDS	186		145		108	

a From rating curve extended above 9,980 ft³/s by velocity-area studies.

e Estimated



SANTEE RIVER BASIN

178

021556524 LAKE BLALOCK NEAR COWPENS, SC

LOCATION.--Lat 35°03'29'', long 81°52'05'', Spartanburg County, Hydrologic Unit 03050105, approximately 100 ft upstream of Lake Blalock Dam, and 3.5 mi northwest of Cowpens, and in the Lake Blalock Public Landing Area.

DRAINAGE AREA.--273 mi², approximately.

PERIOD OF RECORD.--February 1998 to current year.

GAGE.--Data Collection Platform. Datum of gage is NGVD of 1929 (from Spartanburg Water Systems staff gage).

REMARKS.--Lake is formed by concrete dam with earth embankments at each end. Spartanburg Water System began drawing down Lake Blalock around September 11, 2004 for repair/construction on the dam. The minimum elevation of the lake fell below the measurable level of the gage during that time.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 704.38 ft, Mar. 20, 2003; minimum elevation, less than 688.12 ft, Sep. 23-28, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, greater than 701.95, Sep. 8, 9; minimum elevation, less than 688.12 ft, Sep. 23-28.

Elevation above NGVD 1929, feet
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY OBSERVATION AT 2400 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	700.01	700.04	700.10	700.12	700.09	700.22	700.19	700.15	700.01	700.08	700.06	699.96
2	699.97	700.00	700.14	700.14	700.15	700.23	700.16	700.18	699.96	700.05	699.81	699.78
3	699.97	700.02	700.14	700.15	700.35	700.23	700.13	700.14	699.94	700.07	700.03	699.66
4	699.96	700.00	700.13	700.14	700.36	700.22	700.10	699.96	699.93	700.14	699.98	699.64
5	699.97	700.03	700.20	700.18	700.15	700.21	700.07	700.05	699.95	700.10	699.95	699.54
6	699.98	700.16	700.16	700.17	701.18	700.19	700.07	699.94	699.94	699.90	699.60	698.92
7	699.98	700.15	700.14	700.13	701.17	700.16	700.08	700.01	699.93	700.02	699.64	701.86
8	700.01	700.14	700.13	700.14	699.87	700.12	700.08	700.02	700.01	699.98	699.74	---
9	700.03	700.12	700.09	700.14	700.22	700.15	700.06	700.01	700.01	699.95	699.77	---
10	700.11	700.09	700.41	700.13	700.34	700.17	700.06	700.00	699.94	699.94	699.77	699.95
11	700.21	700.07	700.43	700.11	700.30	700.14	700.08	699.99	699.86	700.00	699.57	699.21
12	700.14	700.07	700.28	700.15	700.43	700.13	700.04	699.99	699.97	699.86	699.69	697.94
13	700.07	699.99	700.34	700.03	700.31	700.09	700.68	699.99	700.21	700.07	699.97	696.51
14	700.06	700.00	700.69	700.08	700.33	700.09	700.34	699.97	700.16	700.03	699.98	695.01
15	700.04	700.01	700.47	700.08	700.31	700.16	700.31	699.96	701.14	699.99	699.96	693.38
16	699.94	700.02	700.37	700.09	700.30	700.18	700.32	700.23	700.56	699.83	699.90	691.81
17	699.98	700.02	700.33	700.09	700.23	700.13	700.23	700.13	700.24	699.93	699.75	693.12
18	700.02	700.02	700.30	700.12	700.23	700.11	700.17	699.98	700.13	699.98	699.66	695.21
19	700.01	700.84	700.27	700.12	700.22	700.10	700.12	699.82	700.19	699.82	699.80	694.50
20	700.01	700.54	700.21	700.13	700.21	700.09	700.15	700.01	700.08	699.90	699.62	692.79
21	700.02	700.28	700.24	700.11	700.20	700.07	700.00	700.07	700.29	700.01	699.02	690.94
22	700.03	700.22	700.21	700.10	700.19	700.09	700.05	700.00	700.13	699.97	698.51	688.97
23	699.97	700.17	700.17	700.09	700.18	700.08	699.83	699.98	700.12	699.91	698.59	---
24	699.94	700.17	700.15	700.09	700.19	700.08	700.01	699.82	700.08	699.88	698.71	---
25	700.02	700.16	700.14	700.11	700.18	700.08	700.03	699.92	700.91	699.85	698.87	---
26	700.03	700.12	700.12	700.12	700.24	700.08	700.07	699.94	700.54	699.88	698.96	---
27	700.17	700.17	700.11	700.16	700.23	700.13	700.06	699.94	700.27	699.89	699.29	---
28	700.13	700.15	700.14	700.13	700.21	700.09	699.85	699.93	700.25	700.51	699.48	---
29	700.07	700.16	700.15	700.13	700.22	700.06	699.99	699.89	700.11	700.15	699.53	691.89
30	700.05	700.13	700.13	699.95	---	699.97	700.02	699.87	700.16	700.03	699.54	691.29
31	700.03	---	700.10	700.11	---	700.23	---	700.08	---	700.06	699.91	---
MEAN	700.03	700.14	700.23	700.11	700.30	700.13	700.11	700.00	700.17	699.99	699.57	---
MAX	700.21	700.84	700.69	700.18	701.18	700.23	700.68	700.23	701.14	700.51	700.06	---
MIN	699.94	699.99	700.09	699.95	699.87	699.97	699.83	699.82	699.86	699.82	698.51	---

SANTEE RIVER BASIN

021556525 PACOLET RIVER BELOW LAKE BLALOCK NEAR COWPENS, SC

LOCATION.--Lat 35°02'51'', long 81°51'21'', Spartanburg County, Hydrologic Unit 03050105, on right bank, 0.75 mi downstream of Lake Blalock Dam, and 3.5 mi northwest of Cowpens, S.C.

DRAINAGE AREA.--273 mi².

PERIOD OF RECORD.--November 1993 to current year.

GAGE.--Data collection platform. Elevation of gage is 600 ft above NGVD of 1929 (from topographic map). Prior to November 4, 1998, at site 0.6 mi upstream at different datum.

REMARKS.--Records good except for estimated daily discharges, which are poor. Flow regulated by Lake Blalock (see sta 021556524). Water diverted by City of Spartanburg above station at Lake Blalock for municipal supply.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e250	243	335	288	275	336	356	255	208	309	232	184
2	e240	249	320	317	262	341	317	304	160	250	312	313
3	e230	219	345	317	431	351	284	311	139	237	158	e170
4	e230	236	333	317	511	336	272	326	133	292	197	e120
5	e220	218	375	330	501	325	233	198	137	306	168	e140
6	e220	281	400	356	1300	312	218	254	135	316	268	314
7	e220	342	359	324	3260	319	218	164	133	184	109	925
8	e230	324	341	307	1800	294	219	179	159	202	55	10800
9	230	307	318	319	471	286	218	176	167	172	68	6500
10	261	291	415	319	490	294	211	173	164	158	72	1770
11	371	255	769	296	491	291	210	169	112	172	184	1010
12	402	262	581	308	542	287	366	165	93	328	490	964
13	338	250	493	378	535	252	508	168	351	226	182	932
14	277	219	914	248	505	233	707	167	324	232	199	902
15	243	222	903	270	452	262	441	140	594	209	184	875
16	272	228	633	268	488	311	430	183	1460	260	184	855
17	187	235	560	269	421	293	420	323	578	122	220	924
18	209	290	514	289	382	260	317	306	339	170	204	1070
19	234	744	480	296	368	248	276	222	320	227	103	1090
20	229	1210	443	304	358	230	263	120	301	118	251	1020
21	244	655	421	295	356	245	271	200	314	172	460	987
22	259	465	424	281	340	234	188	199	345	183	297	955
23	206	400	388	273	323	235	285	161	302	154	72	920
24	205	375	368	268	323	231	129	208	268	130	66	869
25	195	378	355	273	330	231	179	101	508	102	67	579
26	242	339	344	289	341	233	199	130	1060	105	69	624
27	363	340	315	314	372	239	218	134	603	118	69	662
28	350	361	315	314	356	253	273	132	371	452	73	776
29	301	379	336	302	341	221	133	113	369	571	69	952
30	280	350	318	390	---	257	180	99	281	425	95	984
31	268	---	312	239	---	254	---	171	---	235	159	---
TOTAL	8006	10667	13727	9358	16925	8494	8539	5951	10428	7137	5336	39186
MEAN	258	356	443	302	584	274	285	192	348	230	172	1306
MAX	402	1210	914	390	3260	351	707	326	1460	571	490	10800
MIN	187	218	312	239	262	221	129	99	93	102	55	120
CFSM	0.95	1.30	1.62	1.11	2.14	1.00	1.04	0.70	1.27	0.84	0.63	4.78
IN.	1.09	1.45	1.87	1.28	2.31	1.16	1.16	0.81	1.42	0.97	0.73	5.34

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1994 - 2004, BY WATER YEAR (WY)

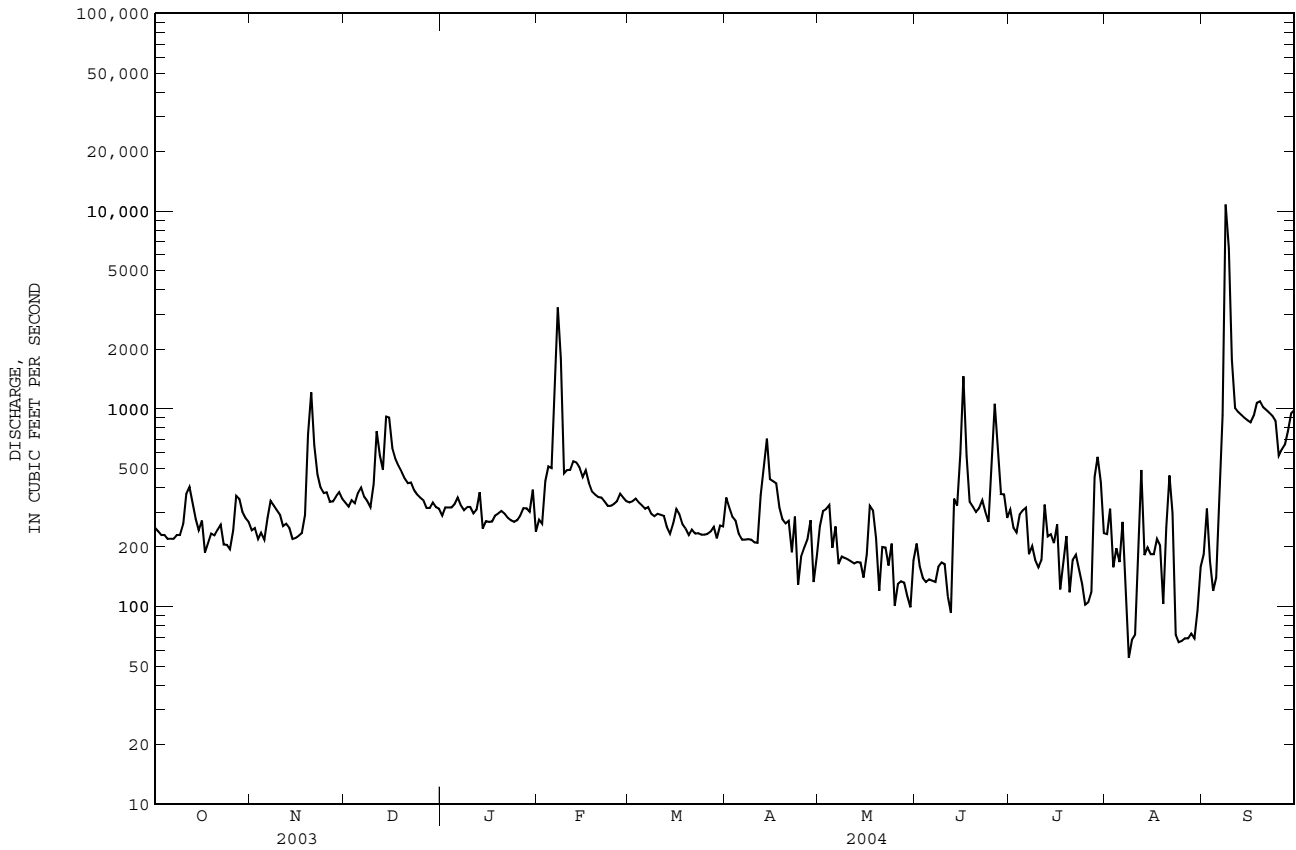
	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	
MEAN	250	251	352	434	487	510	403	388	264	239	333	296
MAX	652	617	664	982	975	1096	915	1790	689	747	991	1306
(WY)	1996	1996	2003	1995	1998	2003	2003	2003	2003	2003	1995	2004
MIN	69.2	87.1	124	134	173	228	178	122	83.0	69.1	65.0	66.6
(WY)	2001	2001	2001	2001	2001	1999	2002	2001	2002	2002	2002	2002

021556525 PACOLET RIVER BELOW LAKE BLALOCK NEAR COWPENS, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1994 - 2004	
ANNUAL TOTAL	245705		143754			
ANNUAL MEAN	673		393			
HIGHEST ANNUAL MEAN					682	2003
LOWEST ANNUAL MEAN					143	2002
HIGHEST DAILY MEAN	e 11800	May 23	10800	Sep 8	e 11800	May 23 2003
LOWEST DAILY MEAN	187	Oct 17	55	Aug 8	44	Sep 11 2002
ANNUAL SEVEN-DAY MINIMUM	224	Oct 17	69	Aug 23	51	Sep 7 2002
MAXIMUM PEAK FLOW			14300	Sep 8	14300	Sep 8 2004
MAXIMUM PEAK STAGE			13.52	Sep 8	a 17.10	Aug 28 1995
ANNUAL RUNOFF (CFSM)	2.47		1.44		1.28	
ANNUAL RUNOFF (INCHES)	33.48		19.59		17.38	
10 PERCENT EXCEEDS	985		609		598	
50 PERCENT EXCEEDS	425		288		239	
90 PERCENT EXCEEDS	236		140		84	

a At site and datum then in use, also occurred May 23, 2003 at present site and datum.

e Estimated



SANTEE RIVER BASIN

02156050 LAWSONS FORK CREEK AT DEWEY PLANT NEAR INMAN, SC

LOCATION.--Lat 35°01'26'', long 82°04'03'', Spartanburg County, Hydrologic Unit 03050105, on left bank, at Milliken and Co., Dewey Plant, 1.8 mi southeast of Inman and 3.8 mi upstream from Meadow Creek.

DRAINAGE AREA.--6.46 mi².

PERIOD OF RECORD.--October 1979 to current year.

GAGE.--Data collection platform. Elevation of gage is 838 ft above NGVD of 1929 (from topographic map). Prior to December 8, 1999, at site 120 ft upstream and at datum 1.94 ft lower.

REMARKS.--No estimated daily discharges. Records fair except for discharges March 28 to September 30, which are poor.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.8	7.0	7.6	6.0	10	9.0	8.9	30	9.9	9.2	11	5.0
2	5.3	7.3	6.6	6.2	12	9.1	9.7	16	9.0	8.2	11	5.1
3	4.2	6.6	5.7	6.3	25	8.6	11	11	7.5	7.5	9.5	4.6
4	6.2	7.1	9.4	6.6	13	9.0	11	9.5	8.4	5.7	7.4	4.0
5	6.9	7.6	9.3	11	12	8.4	11	7.9	8.3	4.7	7.2	3.7
6	6.0	15	8.0	9.0	96	8.7	11	8.0	7.5	5.7	6.5	5.0
7	7.0	7.0	6.9	8.4	33	9.0	12	7.3	6.1	4.6	6.2	117
8	16	7.8	6.4	8.0	18	8.2	11	5.5	13	4.8	7.4	223
9	21	6.9	5.8	8.2	14	7.7	11	6.5	14	5.8	6.5	20
10	16	5.3	23	7.1	12	7.2	10	7.0	7.8	7.3	5.9	13
11	18	5.3	14	6.9	10	6.8	10	6.8	12	17	6.7	11
12	9.9	6.3	11	6.8	17	6.4	15	7.5	14	21	27	10
13	8.7	5.6	14	6.7	11	6.5	29	7.6	29	14	9.1	8.8
14	10	5.5	36	6.3	11	7.2	11	8.3	17	10	5.0	8.5
15	11	5.8	17	6.1	15	7.6	9.1	7.0	14	8.4	5.9	7.4
16	9.1	5.8	14	6.5	12	8.1	7.7	6.6	14	8.0	4.2	9.5
17	10	6.3	15	6.8	9.7	6.9	6.4	8.0	9.5	11	3.2	38
18	11	6.4	12	8.2	8.7	6.4	4.8	5.7	7.1	16	5.7	13
19	11	46	12	7.6	7.9	6.0	6.8	5.7	6.2	19	3.7	10
20	10	16	12	7.5	7.8	5.1	8.7	6.4	6.9	12	4.1	8.6
21	12	11	11	7.6	8.2	5.9	7.8	5.9	15	11	5.7	8.0
22	12	9.6	9.9	7.7	7.8	5.2	7.9	6.5	10	10	5.5	6.7
23	12	8.6	9.3	7.8	7.8	4.8	5.9	7.0	7.1	9.6	5.1	5.8
24	12	11	9.2	8.5	7.8	4.9	6.2	7.6	19	8.6	6.3	6.4
25	12	9.2	7.6	11	7.6	4.2	4.3	9.0	41	9.3	5.6	6.7
26	12	8.1	7.1	10	8.9	4.6	6.9	11	30	9.2	4.1	6.2
27	17	7.7	6.8	11	12	5.8	4.5	9.0	13	9.8	3.9	49
28	9.2	11	6.4	11	11	6.6	4.9	7.2	11	17	4.7	154
29	8.5	8.8	6.2	11	9.7	12	6.2	7.6	9.1	16	3.9	15
30	7.5	7.9	7.2	11	---	15	5.6	9.4	8.0	13	4.1	10
31	7.3	---	6.2	11	---	14	---	15	---	11	19	---
TOTAL	323.6	279.5	332.6	253.8	435.9	234.9	275.3	273.5	384.4	324.4	221.1	793.0
MEAN	10.4	9.32	10.7	8.19	15.0	7.58	9.18	8.82	12.8	10.5	7.13	26.4
MAX	21	46	36	11	96	15	29	30	41	21	27	223
MIN	4.2	5.3	5.7	6.0	7.6	4.2	4.3	5.5	6.1	4.6	3.2	3.7
CFSM	1.62	1.44	1.66	1.27	2.33	1.17	1.42	1.37	1.98	1.62	1.10	4.09
IN.	1.86	1.61	1.92	1.46	2.51	1.35	1.59	1.57	2.21	1.87	1.27	4.57

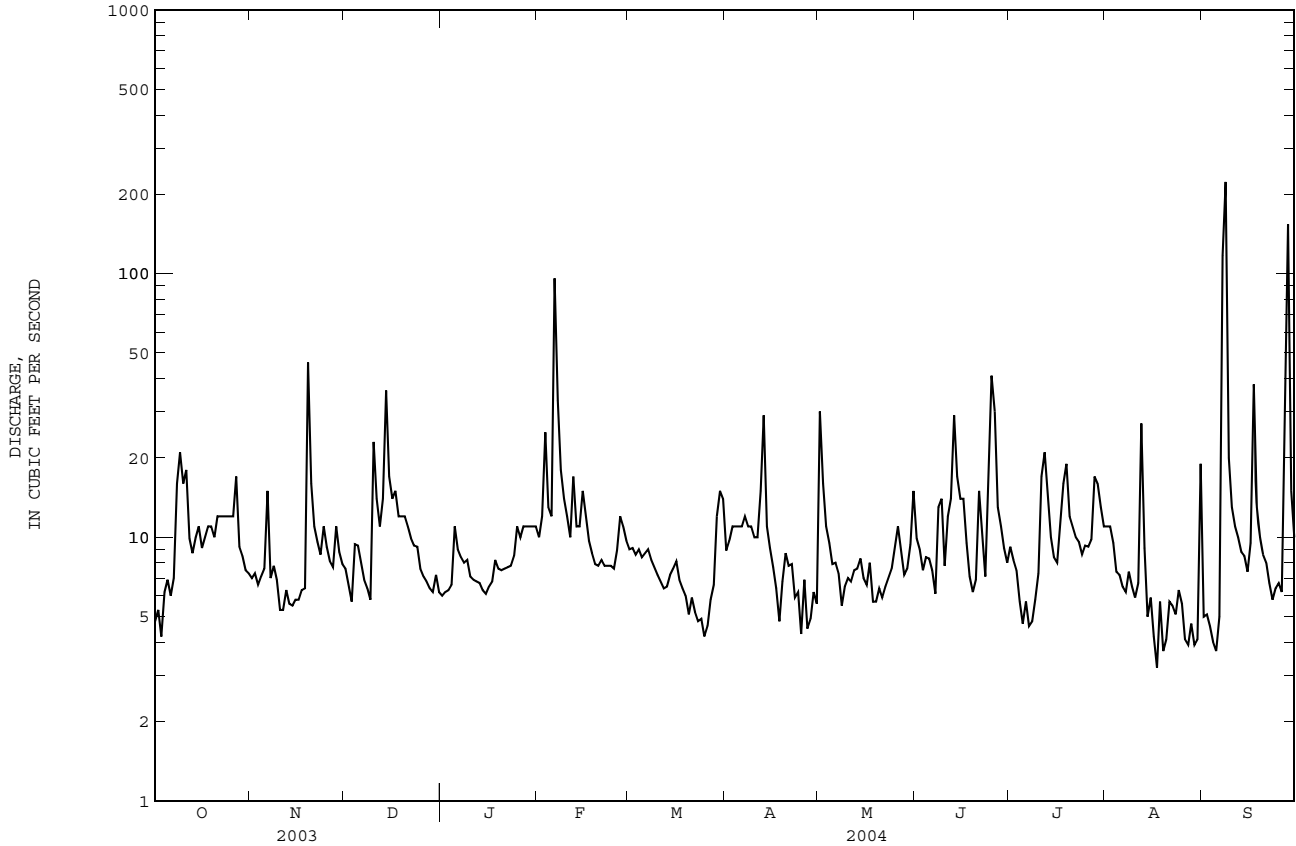
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1980 - 2004, BY WATER YEAR (WY)

	7.96	8.79	9.79	11.6	12.6	14.2	10.4	10.0	7.58	6.30	7.15	6.11
MEAN	7.96	8.79	9.79	11.6	12.6	14.2	10.4	10.0	7.58	6.30	7.15	6.11
MAX	20.5	19.3	20.6	28.3	23.8	36.5	20.5	38.3	14.2	13.9	28.0	26.4
(WY)	1993	1993	2003	1993	1990	2003	2003	2003	1989	2003	1994	2004
MIN	2.55	3.85	4.82	5.22	5.52	6.59	4.26	4.03	1.23	1.24	2.27	2.29
(WY)	2001	2002	2002	1981	2002	2002	2002	2000	2002	2002	2002	1999

02156050 LAWSONS FORK CREEK AT DEWEY PLANT NEAR INMAN, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1980 - 2004	
ANNUAL TOTAL	6018.2		4132.0		9.36	
ANNUAL MEAN	16.5		11.3		17.9 2003	
HIGHEST ANNUAL MEAN					4.66 2002	
LOWEST ANNUAL MEAN					420 Mar 20 2003	
HIGHEST DAILY MEAN	420	Mar 20	223	Sep 8	420	Mar 20 2003
LOWEST DAILY MEAN	3.4	Sep 17	3.2	Aug 17	0.37 a	Aug 7 2002
ANNUAL SEVEN-DAY MINIMUM	4.0	Sep 12	4.5	Aug 14	0.45	Aug 7 2002
MAXIMUM PEAK FLOW			400	Sep 8	564	May 22 2003
MAXIMUM PEAK STAGE			7.30	Sep 8	8.63	May 22 2003
ANNUAL RUNOFF (CFSM)	2.55		1.75		1.45	
ANNUAL RUNOFF (INCHES)	34.66		23.79		19.68	
10 PERCENT EXCEEDS	25		16		14	
50 PERCENT EXCEEDS	11		8.2		6.9	
90 PERCENT EXCEEDS	5.9		5.5		3.3	

a Also occurred Aug. 14, 2002.



SANTEE RIVER BASIN

02156449 NEAL SHOALS RESERVIOR NEAR CARLISLE, SC

LOCATION.--Lat 34°39'51'', long 81°26'57'', Union County, Hydrologic Unit Code 03050106, on right wingwall of Neal Shoals Reservoir dam.

DRAINAGE AREA.--2,730 mi², approximately.

GAGE-HEIGHT RECORDS

PERIOD OF RECORD.--October 1996 to current year.

GAGE.--Data collection platform. Datum of gage is NGVD of 1929 (from South Carolina Electric and Gas Company benchmark).

REMARKS.--Lake is formed by granite block and concrete dam. Storage began in 1905. Capacity, 64,990,000 ft³ below 333.9 ft (maximum normal lake elevation). Contents above 333.9 are unknown. Prior to October 2003, midnight readings, month-end and annual contents were published

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height 340.07 ft, Sep. 9, 2004; minimum gage height, unknown, Jul. 7-14, 1997.

EXTREMES FOR CURRENT YEAR.--Maximum gage height 340.07 ft, Sep. 9; minimum gage height, 329.42, Dec. 22.

Gage height, feet
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	333.66	332.31	333.16	333.66	332.64	333.05	333.91	332.49	333.34	333.84	332.27	332.90
2	333.67	332.39	332.96	334.02	332.92	333.49	334.02	332.56	333.14	333.81	332.55	333.20
3	333.59	332.38	332.84	333.60	332.35	333.02	333.08	332.53	332.80	333.84	332.26	332.98
4	333.45	332.25	332.97	333.65	332.58	333.17	333.69	332.38	333.02	333.44	332.25	332.86
5	333.81	333.01	333.36	333.23	332.81	333.11	333.59	332.74	333.29	333.69	332.11	332.97
6	333.58	332.40	333.00	333.49	332.98	333.22	333.06	332.41	332.76	333.32	332.21	332.82
7	333.80	332.95	333.28	333.52	332.60	333.11	333.33	333.00	333.20	333.81	332.78	333.31
8	333.77	332.62	333.04	333.20	332.59	332.84	333.33	331.98	332.68	333.33	332.78	333.00
9	333.61	331.87	332.73	333.61	332.30	332.91	333.70	332.72	333.14	333.35	332.29	332.92
10	333.54	332.30	332.79	333.61	332.37	333.05	333.61	332.64	333.06	333.23	332.37	332.89
11	333.82	332.15	332.97	333.96	331.76	332.90	334.37	333.17	333.64	333.29	332.65	333.05
12	333.58	331.95	332.64	333.73	332.27	333.08	334.43	334.01	334.19	333.14	332.36	332.82
13	333.97	332.08	332.84	333.19	332.43	332.87	334.04	333.66	333.88	333.86	332.86	333.43
14	333.13	331.98	332.77	333.51	331.73	332.58	333.99	333.11	333.42	333.82	332.31	333.02
15	333.36	332.43	332.88	333.70	332.20	332.90	334.55	333.99	334.33	333.62	332.29	333.09
16	333.66	332.41	333.12	333.67	332.28	333.04	334.19	333.94	334.05	333.88	332.26	333.10
17	333.62	332.13	333.01	333.53	332.29	332.97	334.02	333.84	333.95	333.66	332.34	332.83
18	333.80	332.99	333.37	333.62	332.22	332.91	333.96	333.45	333.77	333.83	332.29	333.22
19	334.04	332.12	333.24	333.44	332.22	332.99	333.45	332.12	332.87	333.63	332.35	332.95
20	333.53	332.12	332.76	334.75	333.21	334.36	334.12	331.83	332.98	333.76	332.33	332.92
21	333.18	332.08	332.66	334.51	333.17	333.90	333.34	330.64	332.14	333.51	332.41	332.96
22	333.45	332.39	333.05	333.17	331.98	332.55	333.81	329.42	332.14	333.74	332.31	332.94
23	333.64	332.29	332.91	331.99	330.70	331.45	333.62	332.11	332.85	333.87	332.33	333.14
24	334.06	332.05	333.01	333.55	330.65	332.25	333.43	332.90	333.29	333.75	332.64	333.24
25	333.56	331.71	333.13	333.43	331.36	332.60	333.52	333.22	333.38	333.63	332.49	333.07
26	333.60	331.41	332.71	333.93	332.79	333.27	333.47	333.06	333.32	333.93	332.41	333.12
27	333.58	331.99	332.72	333.41	332.37	332.93	333.49	333.30	333.42	333.55	332.36	332.97
28	333.37	332.78	333.04	333.60	332.88	333.25	333.31	332.05	332.58	333.79	332.77	333.33
29	333.57	331.82	332.86	332.92	332.53	332.67	333.41	331.91	332.82	332.83	332.24	332.60
30	333.64	332.04	333.04	333.78	332.92	333.44	333.25	332.48	332.94	333.81	332.33	332.93
31	333.87	332.52	333.29	---	---	---	333.74	332.82	333.25	333.86	332.40	333.11
MONTH	334.06	331.41	332.97	334.75	330.65	333.00	334.55	329.42	333.21	333.93	332.11	333.02

SANTEE RIVER BASIN

185

02156500 BROAD RIVER NEAR CARLISLE, SC

LOCATION.--Lat 34°35'46'', long 81°25'20'', Union County, Hydrologic Unit 03050106, on right bank at downstream side of bridge on State Highway 72, 1.3 mi upstream from Sandy River, 2.0 mi downstream from Seaboard Coast Line Railroad bridge, 2.5 mi east of Carlisle, 5.0 mi downstream from Neal Shoals Dam, and at mile 226.0.

DRAINAGE AREA.--2,790 mi², approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1938 to current year. Monthly discharge only for some periods, published in WSP 1303.

REVISED RECORDS.--WSP 892: 1939(M), drainage area.

GAGE.--Data collection platform. Datum of gage is 290.79 ft above NGVD of 1929.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Some regulation at low and medium flow by powerplants above station. Capacity of reservoirs insufficient to affect monthly figures of runoff.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1850	2290	2820	2440	2710	3850	3110	2510	1740	2650	2020	2700
2	2450	2510	2780	2610	1740	3910	3620	3410	2090	3630	1850	2340
3	2400	1670	2490	2880	2610	3530	3200	3810	1610	3650	1720	2230
4	1750	2140	2430	2540	3800	3390	2600	2660	1520	4310	1790	2610
5	2080	2180	2680	2020	3740	3020	2230	2830	1590	3220	1220	1810
6	2000	2200	3090	2590	3980	3330	2620	2310	1620	2950	1620	1360
7	2220	2650	2840	2750	13900	3070	2370	2470	1130	2440	1720	3140
8	2160	3080	2640	2760	17000	2630	2240	2040	1290	2840	1520	37700
9	2840	2690	2470	2500	8600	2570	2560	2480	2070	1820	1290	e68500
10	2390	2610	2830	2810	6090	2810	2230	1740	1890	1620	1110	e67100
11	2510	1860	4230	2410	5000	2890	2240	2080	1770	2070	1040	16700
12	3240	2330	5660	2230	4730	2600	2210	2210	1510	1800	1570	7260
13	2190	2670	4500	2560	5100	2550	3330	2190	1550	2190	3890	6460
14	2800	2370	4530	2140	4900	3110	7390	2130	3190	2430	3330	5750
15	2580	1980	6660	2780	4610	2120	6390	2210	3560	2500	2380	4880
16	2560	2190	5520	1580	4540	2490	4500	1570	7270	1680	1420	4740
17	2000	1650	4650	2560	4390	2750	3990	1930	10000	1310	1470	5070
18	2150	2140	4280	2540	4070	2620	3280	1680	5190	1900	1530	11200
19	2320	2390	4020	2440	3750	2550	2280	2290	2870	1220	2070	9860
20	1970	7300	3370	2140	3210	2480	2790	2490	2740	1480	2340	6000
21	2020	7480	3730	2400	3000	2480	2440	2110	2910	1670	1530	4830
22	2060	4960	2600	2180	3510	1990	2660	1970	2380	1730	1710	4630
23	1970	3930	3120	2240	2710	2190	2370	2070	3610	1360	2320	4260
24	2290	2670	3140	2320	2940	2290	2580	1300	4480	1540	1450	3790
25	2040	2940	3080	2690	2700	2230	2460	1450	5680	1210	1510	3690
26	2060	2810	2930	1790	3270	2240	1730	1780	9200	1770	2290	3290
27	1690	2820	2940	2470	3050	2600	1920	1710	8400	1300	1450	3060
28	2950	2780	2880	2440	3500	2190	2830	1670	5050	2370	1570	10000
29	3400	2800	2440	2520	3900	1910	2540	1380	3100	2620	1440	17000
30	2430	2830	2710	2120	---	2020	1990	1580	3290	3560	1080	8230
31	2200	---	2760	2300	---	2810	---	1150	---	2530	921	---
TOTAL	71570	86920	106820	74750	137050	83220	88700	65210	104300	69370	54171	330190
MEAN	2309	2897	3446	2411	4726	2685	2957	2104	3477	2238	1747	11010
MAX	3400	7480	6660	2880	17000	3910	7390	3810	10000	4310	3890	68500
MIN	1690	1650	2430	1580	1740	1910	1730	1150	1130	1210	921	1360
CFSM	0.83	1.04	1.24	0.86	1.69	0.96	1.06	0.75	1.25	0.80	0.63	3.94
IN.	0.95	1.16	1.42	1.00	1.83	1.11	1.18	0.87	1.39	0.92	0.72	4.40

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 2004, BY WATER YEAR (WY)

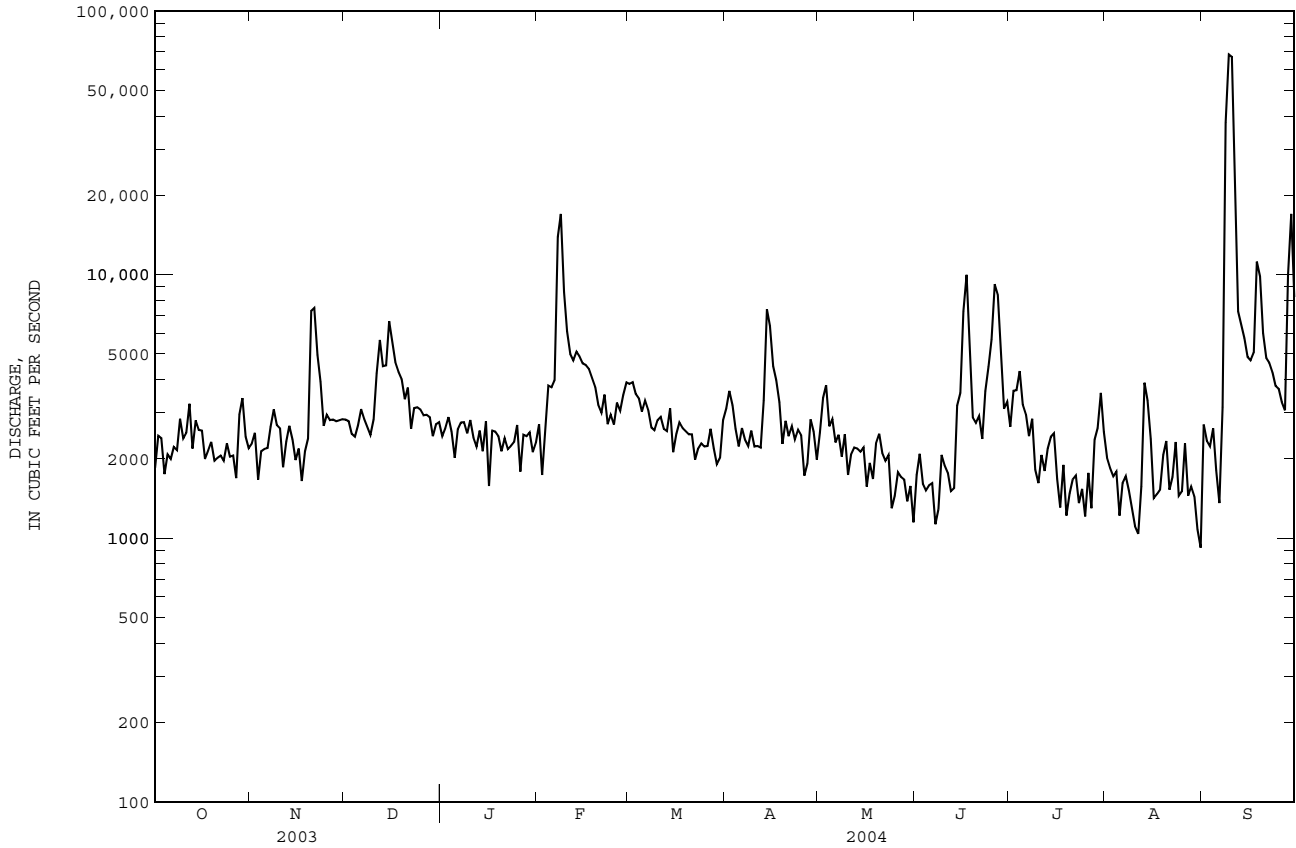
	3025	3002	3720	4779	5619	6164	5139	3853	3176	2734	2904	2538
MEAN	3025	3002	3720	4779	5619	6164	5139	3853	3176	2734	2904	2538
MAX	14720	8651	7549	10610	13040	14920	11660	10220	6763	8092	9495	11010
(WY)	1965	1958	1946	1978	1960	1952	2003	2003	1973	1941	1949	2004
MIN	562	815	1150	1220	1546	2399	1889	1314	687	535	375	628
(WY)	1955	2002	2002	1956	2001	1988	2002	2001	2002	2002	2002	1954

SANTEE RIVER BASIN

02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1939 - 2004	
ANNUAL TOTAL	2129690		1272271		3879	
ANNUAL MEAN	5835		3476		5977	
HIGHEST ANNUAL MEAN					1965	
LOWEST ANNUAL MEAN					1255	
HIGHEST DAILY MEAN	62200	Mar 21	e 68500	Sep 9	114000	Oct 10 1976
LOWEST DAILY MEAN	1650	Nov 17	921	Aug 31	44	Sep 2 1956
ANNUAL SEVEN-DAY MINIMUM	2020	Oct 21	1360	Aug 5	220	Aug 9 2002
MAXIMUM PEAK FLOW			79000		b 123000	
MAXIMUM PEAK STAGE			a 26.60		31.51	
ANNUAL RUNOFF (CFSM)	2.09		1.25		1.39	
ANNUAL RUNOFF (INCHES)	28.40		16.96		18.89	
10 PERCENT EXCEEDS	10500		4890		6700	
50 PERCENT EXCEEDS	3940		2540		2820	
90 PERCENT EXCEEDS	2230		1580		1290	

a From floodmarks.
 b From rating curve extended above 66,000 ft³/s on basis of computation of peak flow over Neal Shoals Dam.
 e Estimated



02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1948, 1963-64, 1969 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1973 to current year.

pH: October 1973 to current year.

WATER TEMPERATURE: October 1973 to current year.

DISSOLVED OXYGEN: October 1973 to current year.

INSTRUMENTATION.--USGS mini-monitor and data collection platform.

REMARKS.--Specific conductance records rated excellent except for Aug. 1-13, which are fair, and July 2-7, which are poor. pH records rated excellent except for Jan. 27 to Feb. 2, July 2-7, which are good. Temperature records rated excellent except for Jan. 23 to Feb. 2, Sep. 25-30, which are good, and July 17-20, which are poor. Dissolved oxygen records rated good except Oct. 1 to Nov. 9, Feb. 14 to Apr. 8, Apr. 10 to May 2, May 22-27, June 4 to July 1, July 8-28, which are excellent, Aug. 6-12, Aug. 31 to Sep. 2, which are fair, and Aug. 13, which is poor.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 471 microsiemens, Aug. 27, 1987; minimum, 16 microsiemens, Mar. 18, 1990.

pH: Maximum, 9.2 units, Jun. 25, 1986; minimum, 5.1 units, Aug. 6, 7, 1992, Apr. 27, 2002.

WATER TEMPERATURE: Maximum, 35.5°C, Jul. 13, 1992; minimum, less than 0.5°C, Dec. 24-26, 1989, Jan. 20, 1994, Jan. 3, 4, 2001.

DISSOLVED OXYGEN: Maximum, 15.4 mg/L, Jan. 3, 2001, Jan. 11, 1993; minimum, 3.0 mg/L, Jul. 6, 1994.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 264 microsiemens, Oct. 2; minimum, 39 microsiemens, Sep. 10.

pH: Maximum, 8.6 units, July 25; minimum, 6.0 units, Feb. 8.

WATER TEMPERATURE: Maximum, 31.3°C, July 10; minimum, 3.3°C, Jan. 28.

DISSOLVED OXYGEN: Maximum measured, 13.0 mg/L, Jan. 21, 23, Feb. 2; minimum measured, 5.5 mg/L, May 30, July 23, 25.

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	140	86	96	90	82	87	81	74	77	77	74	75
2	264	84	108	100	90	94	75	70	72	79	75	78
3	173	88	112	105	99	102	80	75	78	84	78	80
4	127	88	94	103	97	99	82	77	79	86	80	83
5	96	88	93	99	86	91	87	82	85	84	81	83
6	98	89	92	98	86	93	94	83	88	83	80	82
7	92	87	90	103	97	101	95	87	91	84	77	80
8	87	79	83	102	98	100	88	85	87	85	83	84
9	97	81	91	99	88	94	89	85	87	85	79	82
10	97	93	95	89	82	85	85	78	81	87	81	83
11	97	92	94	84	80	82	86	81	83	87	85	86
12	96	85	92	90	81	86	83	75	79	86	83	85
13	90	87	89	92	89	91	78	70	75	86	84	85
14	91	87	89	98	90	95	71	68	69	87	81	84
15	90	85	87	98	92	95	74	70	72	88	79	83
16	87	84	86	104	92	96	72	68	69	87	85	86
17	90	87	89	100	96	99	70	66	67	91	87	89
18	92	87	90	100	92	95	72	67	69	97	91	93
19	97	88	94	97	89	93	73	68	70	97	93	96
20	99	93	97	98	70	91	77	72	74	95	87	90
21	95	90	93	70	58	61	79	73	75	87	81	83
22	90	85	86	64	58	61	85	75	80	89	81	85
23	98	87	95	68	63	67	79	74	76	91	89	90
24	101	96	99	75	68	70	77	73	75	90	87	89
25	102	95	98	79	67	73	74	72	74	91	87	89
26	101	95	97	81	76	79	74	70	72	94	88	91
27	103	97	100	86	80	83	70	64	66	92	86	90
28	101	93	99	85	80	82	68	63	65	86	83	84
29	94	89	92	84	83	84	68	64	66	92	84	89
30	94	87	89	83	79	80	68	62	64	86	80	84
31	87	81	84	---	---	---	76	68	73	87	81	83
MONTH	264	79	93	105	58	87	95	62	75	97	74	85

SANTEE RIVER BASIN

02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	93	86	88	82	73	79	97	91	94	89	84	87
2	93	84	89	77	73	74	97	91	94	94	85	89
3	89	76	83	78	75	76	94	88	91	94	84	89
4	86	74	81	81	77	79	89	87	88	86	82	84
5	87	83	85	84	80	82	89	85	87	87	81	84
6	88	68	80	84	82	83	92	85	89	86	80	82
7	76	59	70	88	83	84	91	86	88	86	81	84
8	59	50	53	85	82	83	92	87	90	90	85	87
9	58	54	56	88	83	86	91	88	90	92	88	90
10	63	58	61	87	79	82	89	86	88	94	89	92
11	67	63	65	88	83	86	92	87	90	94	89	91
12	69	65	67	87	83	85	94	90	92	92	81	87
13	74	67	70	90	84	88	93	85	89	92	81	87
14	74	71	72	90	85	88	85	76	80	94	89	92
15	73	71	72	92	84	88	79	65	69	92	88	90
16	73	69	71	89	84	86	67	63	65	94	89	92
17	75	70	72	87	80	83	72	65	68	94	90	92
18	76	72	74	91	85	87	77	71	74	95	87	91
19	76	73	74	91	85	88	84	74	80	91	86	89
20	80	74	77	91	84	88	86	80	82	96	85	90
21	79	75	78	90	84	88	86	81	83	100	95	98
22	82	78	80	94	87	89	94	83	89	97	91	93
23	81	76	79	96	89	92	94	86	88	97	88	90
24	78	72	74	97	91	93	91	86	87	93	87	90
25	81	78	80	95	91	92	96	88	91	93	87	91
26	84	79	81	95	92	94	99	90	94	97	90	93
27	80	77	79	97	93	95	96	90	93	98	92	95
28	82	76	80	101	95	97	94	90	93	99	94	97
29	81	78	80	100	94	97	96	90	93	100	96	98
30	---	---	---	98	91	95	95	88	92	99	94	97
31	---	---	---	106	90	94	---	---	---	99	93	96
MONTH	93	50	75	106	73	87	99	63	86	100	80	91

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	101	93	97	79	73	76	91	83	85	119	108	112
2	106	99	104	84	73	78	105	84	88	115	102	111
3	107	101	104	79	63	72	111	88	95	103	95	100
4	102	94	100	72	62	68	101	89	95	97	93	95
5	97	92	94	78	62	70	99	89	92	96	87	92
6	95	91	93	73	63	68	102	90	95	95	87	91
7	95	89	93	74	62	69	113	91	100	93	49	80
8	99	91	96	77	71	74	117	98	104	63	46	52
9	109	95	103	77	72	74	123	98	105	---	---	---
10	115	105	110	79	72	77	123	101	110	---	39	---
11	109	99	104	84	76	80	117	103	108	57	49	54
12	109	98	103	92	84	89	124	99	114	60	55	58
13	102	98	100	94	89	91	112	99	104	62	59	61
14	103	91	97	94	90	92	103	91	97	---	---	---
15	98	93	95	99	89	94	92	90	91	---	---	---
16	98	55	76	92	88	90	97	88	91	---	---	---
17	59	49	56	95	84	89	96	88	91	76	72	74
18	63	57	61	95	84	86	104	90	95	73	50	66
19	69	61	65	95	87	92	101	94	97	53	48	51
20	76	66	72	109	94	100	115	97	106	57	52	54
21	78	72	74	112	101	108	113	99	108	62	57	59
22	86	77	80	118	104	109	99	91	93	66	59	63
23	87	74	81	111	105	108	102	92	97	68	64	66
24	85	77	82	112	106	108	104	92	101	77	66	70
25	77	65	69	107	100	105	106	100	103	---	---	---
26	66	40	59	105	99	103	106	99	103	---	---	---
27	63	52	59	126	99	105	110	104	107	---	---	---
28	70	62	66	120	105	112	106	102	104	---	---	---
29	73	65	69	120	108	113	106	102	104	---	---	---
30	76	69	73	108	79	96	113	106	109	---	---	---
31	---	---	---	87	77	82	113	109	111	---	---	---
MONTH	115	40	84	126	62	90	124	83	100	---	---	---

SANTEE RIVER BASIN

02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

pH, water, unfiltered, field, standard units
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	---	---	7.3	7.0	7.7	6.9	7.2	6.7	7.6	6.9	7.0	6.4
2	---	---	7.2	7.0	8.0	6.8	7.1	6.8	7.3	6.6	7.6	6.4
3	---	---	7.4	7.1	7.1	6.8	7.3	6.8	7.1	6.6	7.7	6.4
4	---	---	7.3	7.0	7.2	6.8	7.2	7.0	6.7	6.6	7.5	6.5
5	---	---	7.3	7.1	7.2	7.2	7.3	7.0	6.6	6.5	6.8	6.5
6	---	---	7.2	7.0	7.6	7.1	7.4	7.0	6.5	6.1	7.8	6.6
7	7.4	7.2	7.2	7.0	7.6	7.1	7.2	6.9	6.3	6.1	8.2	6.5
8	7.4	7.2	7.2	7.1	7.8	7.1	7.3	7.0	6.2	6.0	7.9	6.4
9	7.4	7.2	7.2	7.1	7.5	7.1	7.1	7.0	6.2	6.2	7.0	6.5
10	7.3	7.1	7.3	7.0	7.2	7.1	7.2	7.0	6.3	6.2	7.7	6.5
11	7.3	7.2	7.3	7.0	8.3	7.0	7.4	7.0	6.5	6.3	8.2	6.4
12	7.3	7.2	7.3	7.0	7.5	7.0	7.5	7.0	6.4	6.4	8.2	6.4
13	7.4	7.2	7.4	7.1	7.2	7.0	7.6	7.0	6.6	6.4	7.9	6.4
14	7.3	7.1	7.4	7.1	7.2	7.0	7.5	7.0	6.4	6.4	8.0	6.4
15	7.3	7.2	7.3	7.0	8.0	7.0	7.6	7.0	6.4	6.4	6.9	6.5
16	7.3	7.1	7.4	7.0	7.2	7.0	7.6	7.0	6.6	6.4	8.1	6.6
17	7.3	7.1	7.3	7.0	8.2	7.0	7.4	7.0	6.6	6.4	7.9	6.6
18	7.3	7.1	7.3	7.0	8.3	7.0	7.2	7.0	7.0	6.4	7.6	7.2
19	7.4	7.1	7.4	7.0	8.2	7.0	7.5	7.0	7.0	6.4	7.7	7.1
20	7.4	7.1	7.3	6.9	7.2	6.9	7.7	6.9	6.7	6.5	7.8	7.0
21	7.4	7.1	7.0	6.8	8.0	6.6	7.7	7.0	7.2	6.5	7.9	7.2
22	7.5	7.1	7.3	6.9	7.2	6.7	7.6	6.9	7.5	6.4	8.2	7.2
23	7.4	7.2	7.4	6.9	7.6	6.6	7.7	6.9	6.7	6.4	8.1	7.2
24	7.4	7.1	7.1	6.9	7.2	6.9	7.6	6.9	6.8	6.5	8.1	7.1
25	7.4	7.1	7.3	6.9	7.1	6.8	7.1	6.9	7.2	6.5	8.2	7.2
26	7.4	7.1	7.6	6.9	7.1	6.7	7.1	6.8	6.7	6.5	8.3	7.2
27	7.3	7.1	7.1	6.9	7.1	6.7	7.0	6.8	7.4	6.6	8.2	7.2
28	7.2	7.1	7.2	7.0	7.2	6.7	7.5	6.8	8.0	6.6	8.2	7.1
29	7.3	7.2	7.4	6.9	7.1	6.7	7.5	6.9	8.0	6.5	8.3	7.1
30	7.4	7.1	7.6	6.8	7.3	6.8	7.6	6.9	---	---	7.4	7.1
31	7.3	7.1	---	---	7.2	6.7	7.7	6.9	---	---	7.4	7.1
MONTH	---	---	7.6	6.8	8.3	6.6	7.7	6.7	8.0	6.0	8.3	6.4

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	7.5	7.1	7.0	6.8	7.2	6.8	7.7	7.0	7.2	7.0	7.1	7.0
2	7.4	7.1	7.2	6.8	7.3	7.0	8.0	7.0	7.4	7.0	7.1	7.0
3	7.8	7.1	7.8	6.8	7.3	7.0	7.4	6.9	7.4	7.1	7.1	6.9
4	8.0	7.1	7.0	6.7	7.2	7.0	7.6	6.8	7.4	7.1	7.0	6.9
5	8.2	7.0	7.1	6.8	7.3	7.0	7.7	6.8	7.4	7.1	7.1	6.9
6	8.2	7.0	7.2	6.8	7.2	7.0	8.0	6.9	7.5	7.1	7.1	6.9
7	8.2	6.9	7.3	6.8	7.4	7.0	7.3	6.9	7.5	7.2	7.0	6.3
8	7.5	7.0	7.3	6.8	7.2	7.0	7.3	7.1	7.6	7.1	6.5	6.2
9	7.9	7.0	7.3	6.8	7.2	7.0	7.4	7.1	7.6	7.2	---	---
10	7.9	6.8	7.5	6.8	7.3	7.0	7.5	7.1	7.6	7.2	---	---
11	7.6	6.9	7.5	6.9	7.3	7.0	7.4	7.1	7.8	7.2	6.6	6.3
12	7.0	6.9	7.1	6.9	7.4	7.0	7.5	7.2	7.3	7.2	6.7	6.6
13	7.0	6.8	7.2	6.8	7.2	7.0	7.4	7.1	7.2	7.1	6.7	6.6
14	6.9	6.7	7.1	6.9	7.2	7.0	7.6	7.2	7.1	7.1	6.8	6.7
15	6.8	6.7	7.1	6.8	7.1	7.0	7.5	7.2	7.1	7.1	6.8	6.7
16	6.9	6.6	7.2	6.9	7.0	6.8	7.6	7.1	7.2	7.1	7.2	6.8
17	7.4	6.6	7.2	6.9	6.8	6.8	7.6	7.1	7.3	7.0	7.3	7.2
18	7.3	6.6	7.0	6.7	6.8	6.8	7.5	7.1	7.4	7.1	7.3	7.1
19	7.2	6.7	7.1	6.8	7.0	6.8	7.7	7.1	7.4	7.1	7.1	7.1
20	7.6	6.7	7.2	6.8	7.2	6.9	7.8	7.2	7.3	7.1	7.2	7.1
21	7.4	6.7	7.3	6.9	7.2	7.0	7.6	7.2	7.5	7.1	7.2	7.1
22	7.7	6.8	7.3	6.9	7.4	7.0	8.3	7.2	7.1	7.0	7.2	7.2
23	7.6	6.8	7.2	6.9	7.2	7.0	8.1	7.2	7.2	7.0	7.2	7.0
24	7.8	6.8	7.3	6.9	7.3	7.0	8.3	7.2	7.3	7.0	7.2	7.0
25	7.7	6.8	7.4	6.9	7.1	6.9	8.6	7.2	7.3	7.0	7.3	7.0
26	7.1	6.7	7.4	6.9	7.0	6.8	8.1	7.2	7.3	7.0	7.4	6.6
27	7.4	6.8	7.5	6.9	6.9	6.8	7.8	7.2	7.2	7.0	7.4	6.9
28	7.4	6.9	7.4	6.9	7.0	6.9	7.4	7.2	7.2	7.0	7.3	6.7
29	7.5	6.9	7.2	6.9	7.3	7.0	7.4	7.2	7.1	7.0	7.2	7.0
30	7.0	6.8	7.1	6.9	7.2	7.0	7.2	7.0	7.3	7.0	7.2	7.1
31	---	---	7.2	6.8	---	---	7.2	7.0	7.3	7.0	---	---
MONTH	8.2	6.6	7.8	6.7	7.4	6.8	8.6	6.8	7.8	7.0	---	---

SANTEE RIVER BASIN

02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	20.4	19.2	19.9	16.8	15.7	16.1	9.8	8.8	9.3	7.3	6.5	6.9
2	19.8	18.6	19.3	16.8	15.8	16.2	9.3	8.6	9.0	7.4	7.0	7.3
3	19.1	18.2	18.6	17.4	16.0	16.6	9.0	8.1	8.4	8.6	7.3	7.8
4	19.4	17.5	18.3	17.9	16.3	17.2	8.1	7.6	7.8	9.6	8.5	8.9
5	19.2	17.6	18.2	18.5	17.0	17.7	7.7	7.5	7.6	11.5	9.6	10.7
6	19.8	18.0	18.9	19.1	17.6	18.4	8.3	7.4	7.9	11.8	10.8	11.4
7	19.2	18.5	18.9	19.6	18.3	19.1	8.2	7.4	7.9	10.8	9.4	10.1
8	19.2	18.7	18.9	19.3	18.4	18.8	7.9	7.3	7.6	9.4	8.5	8.9
9	19.2	18.8	19.0	18.5	17.2	18.0	8.0	7.2	7.6	8.6	7.6	8.0
10	19.2	18.5	18.9	17.2	15.8	16.4	8.4	7.8	8.0	7.6	6.2	7.0
11	19.6	18.8	19.2	16.4	14.7	15.5	8.6	7.6	8.2	6.2	5.5	5.9
12	20.3	19.2	19.8	16.6	14.8	15.5	8.9	8.2	8.5	6.4	5.3	5.8
13	21.1	19.6	20.4	15.9	14.4	15.3	8.6	7.9	8.1	6.7	5.7	6.1
14	21.0	20.4	20.6	14.4	13.2	13.9	7.9	7.4	7.5	7.3	6.3	6.7
15	20.4	19.2	19.8	14.0	12.8	13.3	7.6	6.9	7.3	7.6	6.6	7.2
16	19.5	18.7	19.0	13.5	12.2	12.9	7.5	7.0	7.3	8.0	6.5	7.2
17	19.2	17.8	18.4	14.3	13.2	13.6	7.9	7.3	7.6	7.2	6.4	6.8
18	18.8	17.3	18.0	15.1	13.2	14.1	7.9	7.3	7.6	7.5	6.6	7.1
19	18.6	17.0	17.6	15.9	14.7	15.5	7.8	7.2	7.5	8.2	7.5	7.8
20	18.5	16.8	17.6	15.8	14.9	15.4	7.6	6.7	7.2	7.8	6.6	7.2
21	18.9	17.0	17.7	15.6	14.4	14.9	6.7	5.8	6.2	7.0	5.8	6.3
22	18.9	17.0	17.7	14.4	13.6	14.1	6.9	5.0	5.8	7.1	5.4	6.0
23	17.6	16.4	17.0	14.0	12.9	13.6	6.4	5.2	5.9	6.7	5.5	6.0
24	17.3	15.8	16.4	13.9	13.0	13.4	7.3	6.3	6.8	6.8	5.6	6.2
25	17.0	15.4	16.0	13.2	12.0	12.5	7.5	6.5	7.0	6.6	5.4	6.1
26	16.9	15.7	16.2	12.0	11.4	11.6	6.9	6.1	6.5	5.4	4.3	4.8
27	16.9	15.8	16.4	11.5	10.9	11.2	6.6	5.8	6.2	4.3	3.7	4.2
28	16.3	15.9	16.1	11.9	11.3	11.6	6.3	5.5	6.0	4.2	3.3	3.8
29	16.3	15.5	15.9	11.3	10.2	10.7	6.6	5.6	6.1	4.7	3.6	4.0
30	16.5	15.1	15.8	10.2	9.2	9.6	7.4	6.6	7.0	5.2	4.2	4.6
31	17.1	15.4	16.2	---	---	---	7.5	6.7	7.2	5.6	4.4	4.9
MONTH	21.1	15.1	18.1	19.6	9.2	14.8	9.8	5.0	7.4	11.8	3.3	6.8

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	5.3	4.6	5.1	7.9	6.7	7.3	15.5	14.7	15.1	20.6	19.4	20.0
2	5.5	4.5	5.1	9.8	7.6	8.7	15.2	13.8	14.5	20.7	19.9	20.4
3	5.5	4.5	4.9	11.5	9.8	10.7	14.5	13.0	13.9	20.6	19.3	19.9
4	5.1	4.4	4.8	13.2	11.3	12.2	15.0	13.6	14.3	20.0	18.2	19.1
5	4.8	4.5	4.6	14.3	12.7	13.5	15.8	13.6	14.5	19.7	18.3	19.1
6	5.6	4.7	5.0	15.6	14.1	14.8	15.3	14.2	14.6	20.9	19.2	20.1
7	6.2	5.5	5.8	16.2	14.8	15.5	16.2	13.8	14.9	22.2	20.1	21.3
8	6.0	5.7	5.8	15.4	14.2	14.8	15.6	14.9	15.3	24.4	21.6	22.9
9	5.7	5.3	5.5	14.2	12.5	13.2	17.2	14.9	16.0	24.5	22.0	23.4
10	5.8	5.1	5.5	12.5	11.4	11.8	17.7	16.0	16.7	26.0	22.9	24.2
11	6.7	5.5	6.1	11.8	10.6	11.3	18.3	16.6	17.4	26.1	23.5	24.6
12	6.8	6.3	6.6	12.0	10.8	11.5	17.2	15.5	16.7	25.1	23.4	24.1
13	7.6	6.3	6.9	11.9	10.9	11.5	16.4	15.5	15.9	25.2	23.4	24.1
14	7.7	7.2	7.4	12.8	11.4	12.0	15.6	13.9	14.7	25.8	23.4	24.3
15	7.9	7.6	7.8	13.3	12.3	12.8	14.7	13.3	14.1	25.3	23.7	24.3
16	7.8	7.0	7.5	14.0	13.1	13.6	15.7	13.7	14.8	26.0	24.0	24.8
17	7.4	6.8	7.0	14.4	13.5	13.8	17.0	14.8	15.9	26.1	23.5	24.8
18	7.4	6.1	6.8	14.1	13.2	13.7	18.5	16.0	17.4	25.7	23.6	24.6
19	7.7	5.9	6.9	15.2	13.1	14.0	20.3	17.4	18.9	25.8	23.9	24.7
20	8.7	6.7	7.7	15.1	13.6	14.2	20.5	19.2	19.8	26.2	24.0	25.0
21	10.0	8.6	9.4	15.5	13.8	14.7	20.8	20.0	20.4	27.8	25.1	26.2
22	10.5	9.3	10.0	15.1	12.6	13.8	21.1	19.9	20.6	28.2	25.8	26.8
23	10.1	9.4	9.7	14.4	11.9	13.1	22.3	20.4	21.2	28.4	25.8	27.0
24	9.5	9.2	9.4	14.2	11.4	12.7	22.4	21.0	21.7	28.7	25.3	27.2
25	9.5	8.8	9.3	14.5	12.1	13.2	22.8	21.8	22.2	28.9	26.1	27.7
26	9.4	5.9	7.9	16.1	12.8	14.3	22.9	21.0	22.0	28.6	26.9	27.7
27	6.6	5.7	6.3	17.1	14.0	15.6	22.6	20.2	21.2	28.7	26.4	27.4
28	7.2	5.3	6.4	18.2	15.9	17.1	20.6	19.4	20.0	28.4	26.3	27.3
29	7.5	5.9	6.8	19.2	16.9	17.9	20.4	19.1	19.7	28.2	26.3	27.3
30	---	---	---	17.6	16.0	17.1	20.8	19.4	20.0	28.0	26.6	27.3
31	---	---	---	16.8	15.2	15.9	---	---	---	27.8	26.6	27.2
MONTH	10.5	4.4	6.8	19.2	6.7	13.4	22.9	13.0	17.5	28.9	18.2	24.3

SANTEE RIVER BASIN

02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	27.8	25.6	26.8	25.6	24.2	24.9	28.2	27.2	27.7	27.2	26.2	26.7
2	27.6	25.3	26.3	26.0	25.0	---	29.7	27.4	28.4	26.7	25.6	26.2
3	27.8	25.2	26.4	---	---	---	30.6	27.6	29.0	26.1	24.8	25.3
4	27.2	25.4	26.3	---	---	---	30.6	28.2	29.2	25.3	24.5	25.0
5	27.2	24.9	26.1	---	---	---	30.1	27.7	29.1	26.3	24.5	25.2
6	26.6	24.9	25.9	---	---	---	29.2	27.1	28.2	25.6	24.7	25.0
7	27.1	24.9	26.0	---	---	---	28.2	25.9	27.0	24.7	23.2	24.2
8	26.4	25.4	25.9	29.0	27.8	28.4	27.5	25.1	26.4	23.5	22.6	22.9
9	25.9	25.0	25.4	30.4	28.1	29.0	27.7	24.6	26.2	---	---	---
10	27.0	24.6	25.7	31.3	28.2	29.6	27.2	25.0	26.3	---	---	---
11	28.0	25.2	26.5	31.0	27.9	29.3	27.7	25.1	26.5	22.9	22.3	22.6
12	29.1	26.1	27.6	30.3	28.4	29.1	26.4	25.4	25.8	22.9	22.0	22.5
13	27.9	26.5	27.1	30.3	28.1	29.2	25.4	24.7	25.1	22.6	22.1	22.3
14	27.2	26.1	26.7	30.4	29.0	29.6	24.7	23.4	23.9	22.5	21.8	22.2
15	26.8	25.6	26.1	30.2	28.7	29.2	23.4	22.7	23.1	22.5	21.8	22.2
16	25.9	24.9	25.3	29.8	27.8	28.8	24.8	22.5	23.7	22.4	21.9	22.2
17	25.4	24.3	24.9	29.0	26.7	27.9	25.9	23.4	24.6	22.4	22.0	22.3
18	27.2	25.1	26.2	29.4	26.3	27.8	26.3	23.8	25.0	22.1	20.9	21.7
19	28.4	26.4	27.5	31.0	26.1	28.5	28.0	24.5	26.0	21.1	20.5	20.8
20	28.5	27.1	27.8	29.4	26.7	28.1	27.2	25.9	26.6	20.6	19.8	20.2
21	27.6	26.5	27.0	29.1	26.6	28.0	28.0	26.3	27.0	20.2	19.3	19.9
22	27.3	25.9	26.5	30.4	27.3	28.7	26.4	25.8	26.2	20.5	19.0	19.9
23	26.8	25.6	26.3	30.0	27.3	28.7	27.2	25.4	26.1	21.0	19.7	20.4
24	26.5	25.6	26.0	30.2	27.9	29.1	27.1	25.5	26.2	21.3	20.4	21.0
25	25.8	24.7	25.3	30.1	27.9	29.1	27.1	25.1	26.1	21.8	20.8	21.3
26	25.3	24.0	24.5	30.0	27.9	28.8	27.5	25.7	26.4	21.8	21.0	21.4
27	24.7	23.7	24.2	29.4	27.5	28.3	27.4	25.3	26.4	21.6	21.2	21.4
28	24.7	23.9	24.3	29.1	27.7	28.3	27.7	25.2	26.6	21.7	21.0	21.4
29	25.8	23.9	24.8	28.3	27.3	27.8	26.9	26.1	26.5	21.3	20.8	21.0
30	25.3	24.6	24.8	27.4	26.3	26.9	28.0	25.8	26.9	21.3	20.5	20.9
31	---	---	---	28.4	26.4	27.4	27.6	26.3	26.9	---	---	---
MONTH	29.1	23.7	26.0	---	---	---	30.6	22.5	26.4	---	---	---

SANTEE RIVER BASIN

02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	8.5	7.9	8.3	9.3	8.6	8.9	10.3	9.7	9.9	11.8	11.0	11.5
2	8.9	8.2	8.5	9.2	8.4	8.7	10.4	9.5	9.8	11.5	10.6	11.1
3	9.1	8.4	8.7	9.3	8.4	8.7	---	---	---	11.2	10.5	10.8
4	9.6	8.5	9.0	8.9	8.2	8.5	---	---	---	---	---	---
5	9.4	8.7	9.0	8.6	8.0	8.3	---	---	---	---	---	---
6	9.4	8.4	8.9	8.3	7.8	8.0	---	---	---	---	---	---
7	8.9	8.3	8.6	8.4	7.7	8.0	---	---	---	11.0	9.7	10.3
8	8.6	8.3	8.4	8.0	7.7	7.8	---	---	---	11.7	10.5	11.1
9	8.6	8.2	8.5	8.4	7.8	8.1	---	---	---	11.9	11.0	11.3
10	8.6	8.1	8.3	8.9	8.1	8.5	---	---	---	12.1	11.0	11.7
11	8.4	8.2	8.3	9.3	8.3	8.8	---	---	---	---	---	---
12	8.3	8.1	8.2	9.4	8.7	8.9	---	---	---	---	---	---
13	8.5	8.0	8.3	9.4	8.5	8.9	---	---	---	---	---	---
14	8.3	7.8	8.0	9.7	8.8	9.1	---	---	---	---	---	---
15	8.4	7.9	8.2	9.7	8.9	9.2	---	---	---	---	---	---
16	8.5	8.0	8.3	9.9	9.0	9.3	---	---	---	12.2	10.5	11.4
17	8.8	8.2	8.5	9.7	9.0	9.3	---	---	---	12.0	11.3	11.6
18	8.9	8.3	8.6	9.7	8.8	9.2	---	---	---	12.2	11.4	11.7
19	9.2	8.4	8.7	9.0	8.4	8.7	---	---	---	12.0	11.2	11.5
20	9.5	8.6	9.0	8.9	8.2	8.7	---	---	---	12.5	10.7	11.7
21	9.3	8.5	8.8	9.0	8.8	8.9	---	---	---	13.0	---	---
22	9.2	8.5	8.8	9.2	8.9	9.0	---	---	---	---	---	---
23	8.9	8.5	8.7	9.4	9.0	9.1	---	---	---	13.0	---	---
24	9.1	8.4	8.7	9.3	9.0	9.1	11.1	10.6	10.9	---	---	---
25	9.4	8.6	8.9	9.6	9.0	9.2	11.0	10.6	10.8	---	---	---
26	9.5	8.7	9.0	9.6	9.1	9.4	11.9	10.9	11.4	---	---	---
27	9.2	8.6	8.8	9.9	9.5	9.7	11.8	11.5	11.7	---	---	---
28	8.6	8.5	8.6	9.6	9.4	9.5	11.9	11.5	11.7	---	---	---
29	8.9	8.5	8.7	9.9	9.4	9.6	12.5	11.6	12.0	---	---	---
30	9.3	8.6	8.8	10.2	9.5	9.8	12.1	11.4	11.8	---	---	---
31	9.5	8.6	9.0	---	---	---	11.6	11.2	11.4	---	---	---
MONTH	9.6	7.8	8.6	10.2	7.7	8.9	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	12.1	11.8	11.9	9.6	8.4	8.9	8.4	7.3	7.9
2	13.0	---	---	11.8	11.2	11.6	9.2	8.6	8.9	8.2	7.7	7.9
3	11.5	10.6	10.9	11.4	11.0	11.2	10.0	8.9	9.3	8.0	7.6	7.7
4	11.2	10.8	11.0	11.2	10.6	11.0	10.1	8.7	9.3	8.0	7.3	7.6
5	11.7	10.8	11.3	10.7	10.3	10.6	10.2	8.4	9.2	8.4	7.5	7.9
6	11.4	10.1	10.9	10.4	9.8	10.2	10.5	8.1	9.3	8.2	7.2	7.7
7	10.3	9.9	10.1	10.4	9.1	9.9	10.5	7.4	9.1	8.0	7.3	7.5
8	---	---	---	10.7	9.4	10.0	9.6	8.6	9.0	7.8	6.8	7.2
9	---	---	---	10.6	9.7	10.0	10.6	8.5	9.4	7.5	6.5	7.1
10	---	---	---	11.2	9.9	10.5	10.4	8.6	9.2	7.4	6.0	6.8
11	---	---	---	11.3	10.1	10.7	9.8	8.3	8.9	7.4	6.2	6.7
12	---	---	---	11.6	10.0	10.7	8.7	8.2	8.4	7.0	6.2	6.5
13	---	---	---	11.4	10.0	10.8	9.3	8.1	8.7	7.0	6.0	6.5
14	11.2	10.6	11.0	11.3	10.0	10.7	9.6	8.8	9.2	---	---	---
15	10.9	10.6	10.8	10.8	9.6	10.1	9.6	9.4	9.5	6.9	6.1	6.4
16	11.1	10.7	10.9	10.6	9.5	9.9	9.5	9.2	9.4	---	---	---
17	11.5	10.9	11.3	10.8	9.4	9.9	9.6	9.0	9.3	---	---	---
18	11.9	11.4	11.6	10.4	9.5	9.8	9.5	8.8	9.1	---	---	---
19	11.9	11.5	11.7	10.7	9.5	9.9	9.0	8.0	8.6	---	---	---
20	11.7	11.2	11.5	10.7	9.5	9.9	9.4	8.0	8.7	---	---	---
21	11.4	10.8	11.1	10.5	9.1	9.8	9.0	7.8	8.3	7.9	6.2	6.9
22	11.0	10.7	10.8	10.8	9.1	9.7	8.6	7.6	8.2	7.6	6.2	6.9
23	11.2	10.7	10.9	10.8	9.0	9.8	9.0	7.6	8.2	7.3	6.1	6.7
24	11.2	10.7	10.9	10.9	9.0	10.1	8.8	7.4	8.1	7.5	5.9	6.7
25	11.4	10.6	11.0	11.0	9.6	10.2	8.8	6.2	7.8	7.8	5.9	6.9
26	11.3	10.9	11.1	10.9	9.3	10.0	8.2	6.3	7.3	7.7	5.9	6.7
27	11.9	11.2	11.6	10.6	9.1	9.7	8.4	6.6	7.5	7.9	5.9	6.7
28	12.7	11.8	12.2	10.2	8.6	9.3	8.6	7.6	8.1	7.9	6.0	6.7
29	12.5	12.1	12.2	10.0	8.2	9.1	8.8	7.8	8.2	7.2	5.6	6.3
30	---	---	---	8.7	7.9	8.3	8.5	7.4	8.0	6.7	5.5	6.1
31	---	---	---	9.0	7.9	8.5	---	---	---	---	---	---
MONTH	---	---	---	12.1	7.9	10.1	10.6	6.2	8.7	---	---	---

SANTEE RIVER BASIN

02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

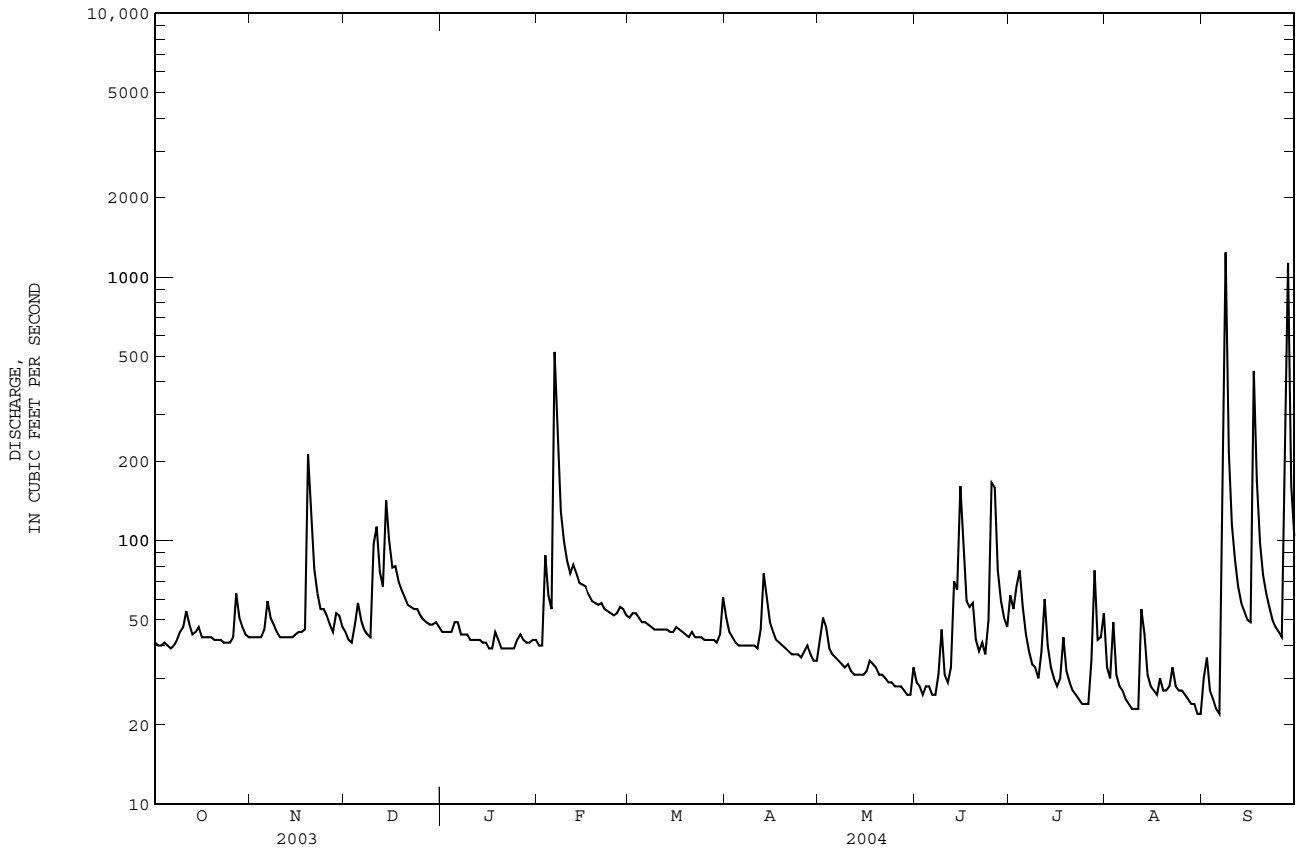
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	---	---	---	7.5	6.9	7.2	6.6	6.0	6.3	6.6	6.3	6.4
2	---	---	---	7.7	6.9	7.2	6.5	5.9	6.2	---	---	---
3	---	---	---	7.3	7.0	7.2	6.6	6.0	6.2	---	---	---
4	7.1	6.2	6.5	7.7	7.0	7.2	7.0	6.0	6.3	---	---	---
5	7.2	6.2	6.6	7.6	6.9	7.1	7.0	5.9	6.4	---	---	---
6	6.9	6.0	6.4	7.9	6.9	7.2	7.4	6.0	6.6	---	---	---
7	7.0	5.9	6.4	7.3	6.7	7.0	7.5	6.0	6.8	---	---	---
8	6.7	5.9	6.3	7.2	6.4	6.8	7.6	6.2	6.8	---	---	---
9	6.9	6.1	6.5	7.2	6.5	6.8	7.8	6.3	6.8	---	---	---
10	7.1	5.9	6.4	7.3	6.4	6.7	7.9	6.3	7.1	---	---	---
11	6.8	5.8	6.3	7.3	6.3	6.6	8.4	6.1	7.1	---	---	---
12	6.8	5.7	6.1	7.3	6.3	6.6	6.6	5.8	6.1	---	---	---
13	6.5	5.6	6.0	7.0	6.3	6.5	7.1	5.8	6.5	---	---	---
14	6.3	5.6	6.2	7.3	6.1	6.6	6.9	6.7	6.8	---	---	---
15	6.4	6.2	6.2	7.4	6.1	6.5	6.9	6.7	6.8	---	---	---
16	6.9	6.3	6.6	7.2	6.0	6.6	7.0	6.3	6.8	---	---	---
17	6.9	6.4	6.7	7.3	5.9	6.6	6.9	6.3	6.6	---	---	---
18	6.4	6.0	6.2	7.2	6.2	6.6	7.0	6.2	6.5	---	---	---
19	6.2	6.0	6.1	7.6	5.8	6.5	7.2	6.2	6.5	---	---	---
20	6.5	6.1	6.2	7.8	5.8	6.6	6.8	6.2	6.4	---	---	---
21	6.4	6.0	6.1	7.8	5.8	6.7	6.6	5.8	6.2	---	---	---
22	6.6	6.0	6.3	8.2	6.0	7.0	---	---	---	---	---	---
23	6.5	6.2	6.3	8.3	5.5	6.7	---	---	---	---	---	---
24	6.6	6.4	6.4	8.3	6.0	6.9	---	---	---	---	---	---
25	6.7	6.4	6.6	8.7	5.5	7.1	---	---	---	---	---	---
26	7.3	6.5	7.0	8.0	5.8	6.7	---	---	---	---	---	---
27	7.2	6.5	6.8	7.4	5.7	6.5	---	---	---	---	---	---
28	6.7	6.5	6.6	6.7	5.9	6.3	---	---	---	---	---	---
29	7.1	6.6	6.8	6.7	6.0	6.3	---	---	---	---	---	---
30	7.1	6.8	6.9	6.6	5.9	6.3	---	---	---	---	---	---
31	---	---	---	6.6	6.0	6.3	---	---	---	---	---	---
MONTH	---	---	---	8.7	5.5	6.7	---	---	---	---	---	---

02157470 MIDDLE TYGER RIVER NEAR GRAMLING, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 2002 - 2004	
ANNUAL TOTAL	28944		21474		69.7	
ANNUAL MEAN	79.3		58.7		80.8 2003	
HIGHEST ANNUAL MEAN					58.7 2004	
LOWEST ANNUAL MEAN					e 1500 Mar 20 2003	
HIGHEST DAILY MEAN	e 1500	Mar 20	1240	Sep 8	e 1500	Mar 20 2003
LOWEST DAILY MEAN	33	Sep 21	22	a Aug 30	2.3	Aug 13 2002
ANNUAL SEVEN-DAY MINIMUM	35	Sep 15	24	Aug 25	2.5	Aug 8 2002
MAXIMUM PEAK FLOW			2370 Sep 28		2370 Sep 28 2004	
MAXIMUM PEAK STAGE			10.43 Sep 28		10.49 Mar 20 2003	
ANNUAL RUNOFF (CFSM)	2.29		1.69		2.01	
ANNUAL RUNOFF (INCHES)	31.03		23.02		27.30	
10 PERCENT EXCEEDS	116		75		104	
50 PERCENT EXCEEDS	57		43		47	
90 PERCENT EXCEEDS	40		28		28	

a Also occurred Aug. 31, Sep. 6.

e Estimated



SANTEE RIVER BASIN

02157490 BEAVERDAM CREEK ABOVE GREER, SC

LOCATION.--Lat 34°58'31"', long 82°11'44"', Spartanburg County, Hydrologic Unit 03050107, on upstream side of S.C.Hwy 357 bridge, approximately 0.5 mi upstream of Middle Tyger River, and 3.2 mi northwest of Greer.

DRAINAGE AREA.--15.9 mi².

PERIOD OF RECORD.--March 2002 to current year.

GAGE.--Data collection platform. Elevation of gage is 820 ft above NGVD of 1929 (from topographic map).

REMARKS.--Records fair except for estimated daily discharges, which are poor.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	16	14	22	20	18	23	22	22	12	18	18	26
2	17	15	20	20	19	24	15	33	11	18	15	46
3	16	14	18	19	55	25	14	27	10	26	20	17
4	16	14	21	20	35	22	14	18	11	27	17	13
5	16	17	32	23	26	22	13	15	12	30	14	11
6	16	27	25	31	94	22	12	14	11	41	13	11
7	16	29	21	21	316	21	12	13	11	20	12	60
8	16	21	20	19	77	20	12	12	12	16	11	622
9	21	19	19	20	47	20	12	13	20	17	10	221
10	22	17	37	19	40	20	12	12	15	13	10	52
11	21	17	85	18	35	19	12	12	12	21	9.8	29
12	21	17	41	18	45	19	21	12	12	31	48	22
13	20	17	32	18	44	18	49	12	e15	22	58	18
14	19	16	76	18	35	18	49	12	e25	15	18	18
15	22	16	72	18	38	19	25	13	24	12	15	16
16	18	16	40	16	40	21	21	12	38	11	13	17
17	16	17	39	17	31	20	19	13	20	13	12	166
18	16	17	34	21	28	19	18	14	35	13	13	200
19	17	88	28	20	27	18	17	23	30	19	14	44
20	17	95	26	17	26	17	17	16	17	13	11	26
21	17	37	24	16	25	18	16	13	15	12	12	21
22	17	27	24	17	24	17	15	14	14	11	26	19
23	16	23	24	16	23	17	15	13	13	11	15	18
24	15	24	24	16	23	13	14	12	12	11	13	16
25	16	27	24	20	23	14	14	12	35	11	12	15
26	16	22	22	24	23	15	16	11	108	11	11	15
27	31	20	22	20	29	14	21	11	39	14	10	31
28	24	26	21	21	30	13	16	10	23	43	9.8	462
29	18	32	20	20	24	13	15	10	19	48	9.6	166
30	15	23	22	21	---	15	14	10	18	38	9.3	43
31	14	---	21	20	---	30	---	12	---	25	9.4	---
TOTAL	558	764	956	604	1300	586	542	450	628	653	488.9	2441
MEAN	18.0	25.5	30.8	19.5	44.8	18.9	18.1	14.5	20.9	21.1	15.8	81.4
MAX	31	95	85	31	316	30	49	33	108	48	58	622
MIN	14	14	18	16	18	13	12	10	10	11	9.3	11
CFSM	1.13	1.60	1.94	1.23	2.82	1.19	1.14	0.91	1.32	1.32	0.99	5.12
IN.	1.31	1.79	2.24	1.41	3.04	1.37	1.27	1.05	1.47	1.53	1.14	5.71

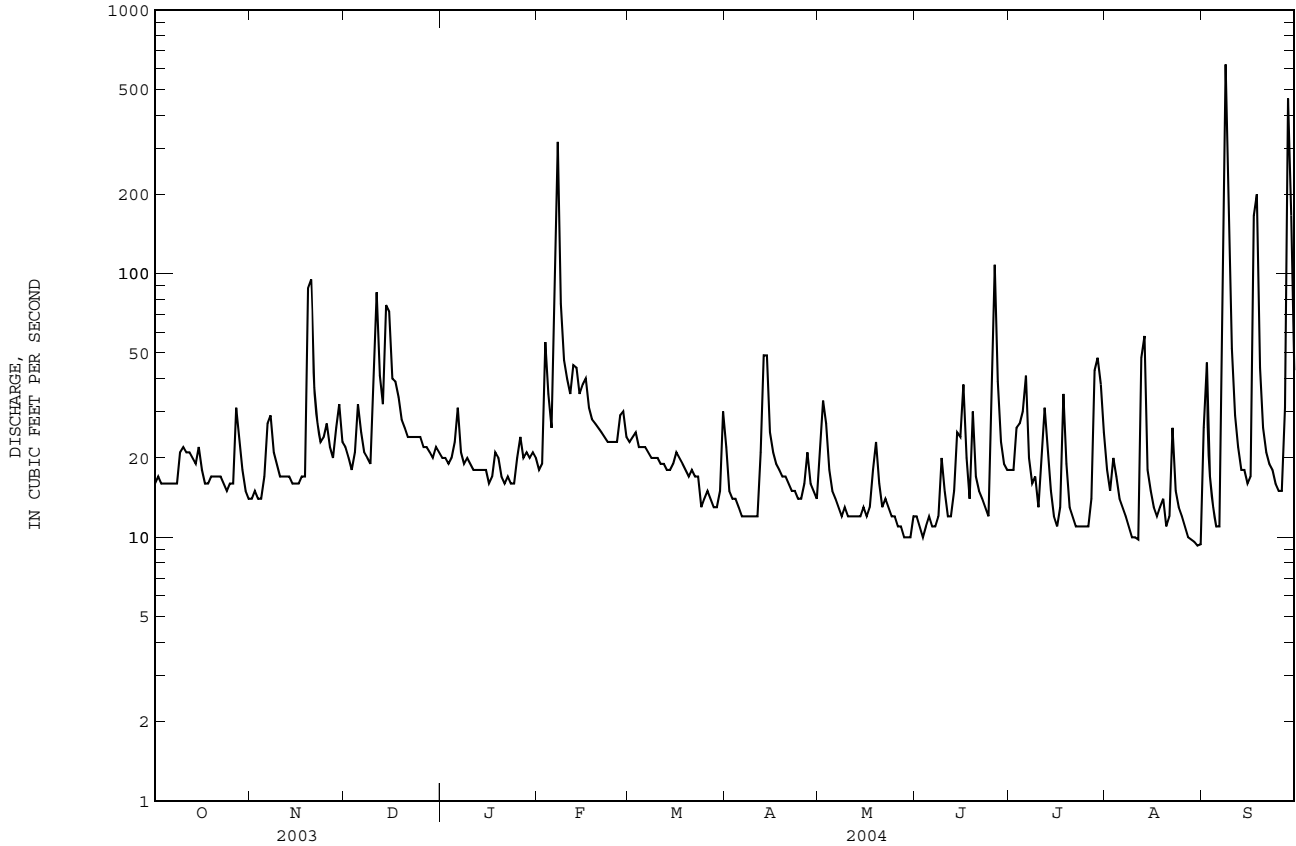
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2002 - 2004, BY WATER YEAR (WY)

	2002	2003	2004	2002	2003	2004	2002	2003	2004	2002	2003	2004
MEAN	21.3	22.3	39.3	19.5	38.8	42.5	24.8	27.4	17.9	28.4	21.7	39.9
MAX	24.6	25.5	47.8	19.5	44.8	66.1	46.7	56.9	29.1	60.6	46.3	81.4
(WY)	2003	2004	2003	2004	2004	2003	2003	2003	2003	2003	2003	2004
MIN	18.0	19.2	30.8	19.4	32.5	18.9	9.52	10.6	3.85	3.38	2.93	19.1
(WY)	2004	2003	2004	2003	2003	2004	2002	2002	2002	2002	2002	2003

02157490 BEAVERDAM CREEK ABOVE GREER, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 2002 - 2004	
ANNUAL TOTAL	13763		9970.9		33.2	
ANNUAL MEAN	37.7		27.2		39.2	
HIGHEST ANNUAL MEAN					27.2	
LOWEST ANNUAL MEAN					27.2	
HIGHEST DAILY MEAN	656	Mar 20	622	Sep 8	656	Mar 20 2003
LOWEST DAILY MEAN	13	Sep 18	9.3	Aug 30	0.14	Aug 14 2002
ANNUAL SEVEN-DAY MINIMUM	13	Sep 15	10	Aug 25	0.17	Aug 8 2002
MAXIMUM PEAK FLOW			796	Sep 8	954	Mar 20 2003
MAXIMUM PEAK STAGE			9.10	Sep 8	10.45	Mar 20 2003
ANNUAL RUNOFF (CFSM)	2.37		1.71		2.09	
ANNUAL RUNOFF (INCHES)	32.20		23.33		28.38	
10 PERCENT EXCEEDS	65		39		51	
50 PERCENT EXCEEDS	24		18		21	
90 PERCENT EXCEEDS	16		12		12	

e Estimated



SANTEE RIVER BASIN

02157510 MIDDLE TYGER RIVER NEAR LYMAN, SC

LOCATION.--Lat 34°56'24'', long 82°07'25'', Spartanburg County, Hydrologic Unit 03050107, on downstream side of County Road 242 bridge, approximately 100 ft below treatment plant dam, and 2.2 mi southeast of Lyman.

DRAINAGE AREA.--69.0 mi².

PERIOD OF RECORD.--February 2000 to current year.

GAGE.--Data collection platform. Elevation of gage is 758 ft above NGVD of 1929 (from topographic map).

REMARKS.--Records good, except for estimated daily discharges and those above 150 ft³/s, which are poor.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	63	64	79	77	69	91	103	71	37	76	68	54
2	63	63	74	76	71	90	84	85	37	80	55	98
3	62	72	71	80	125	93	78	86	31	86	59	91
4	60	64	78	78	129	89	72	71	31	105	61	121
5	63	65	97	84	106	87	66	62	34	110	47	103
6	65	87	96	99	302	85	63	59	31	103	41	54
7	61	94	85	80	1060	82	64	54	30	72	35	143
8	67	83	83	74	432	79	64	52	33	63	32	e1780
9	74	73	76	75	128	76	64	52	66	62	33	e1280
10	76	75	101	74	139	75	63	52	63	52	28	226
11	78	65	196	75	131	73	63	49	48	70	29	133
12	82	64	153	70	143	71	81	34	41	105	85	107
13	78	62	123	70	147	74	125	34	60	87	142	80
14	70	54	e193	69	136	69	151	35	89	64	79	76
15	71	56	223	70	131	74	99	39	112	51	55	102
16	64	57	148	65	132	78	81	41	174	43	50	193
17	62	62	130	70	116	83	74	48	117	51	43	301
18	65	61	120	76	106	76	69	49	77	93	41	414
19	64	179	106	78	107	72	64	61	91	83	47	202
20	64	e284	97	70	99	71	62	47	71	54	38	120
21	61	161	97	70	96	77	59	43	74	51	39	86
22	59	118	89	66	97	68	57	43	60	42	58	65
23	55	95	88	64	89	63	53	43	61	39	55	50
24	57	93	89	67	89	64	54	38	56	40	47	53
25	59	94	88	72	87	65	54	35	103	39	41	54
26	61	84	88	85	87	67	55	35	347	40	41	48
27	92	81	81	83	99	67	64	56	204	45	35	242
28	89	92	82	76	100	67	57	24	114	129	33	e1330
29	76	96	83	73	91	63	51	24	87	149	38	e920
30	69	89	82	73	---	70	54	26	79	116	31	218
31	65	---	80	76	---	95	---	39	---	86	30	---
TOTAL	2095	2687	3276	2315	4644	2354	2148	1487	2458	2286	1516	8744
MEAN	67.6	89.6	106	74.7	160	75.9	71.6	48.0	81.9	73.7	48.9	291
MAX	92	284	223	99	1060	95	151	86	347	149	142	1780
MIN	55	54	71	64	69	63	51	24	30	39	28	48
CFSM	0.98	1.30	1.53	1.08	2.32	1.10	1.04	0.70	1.19	1.07	0.71	4.22
IN.	1.13	1.45	1.77	1.25	2.50	1.27	1.16	0.80	1.33	1.23	0.82	4.71

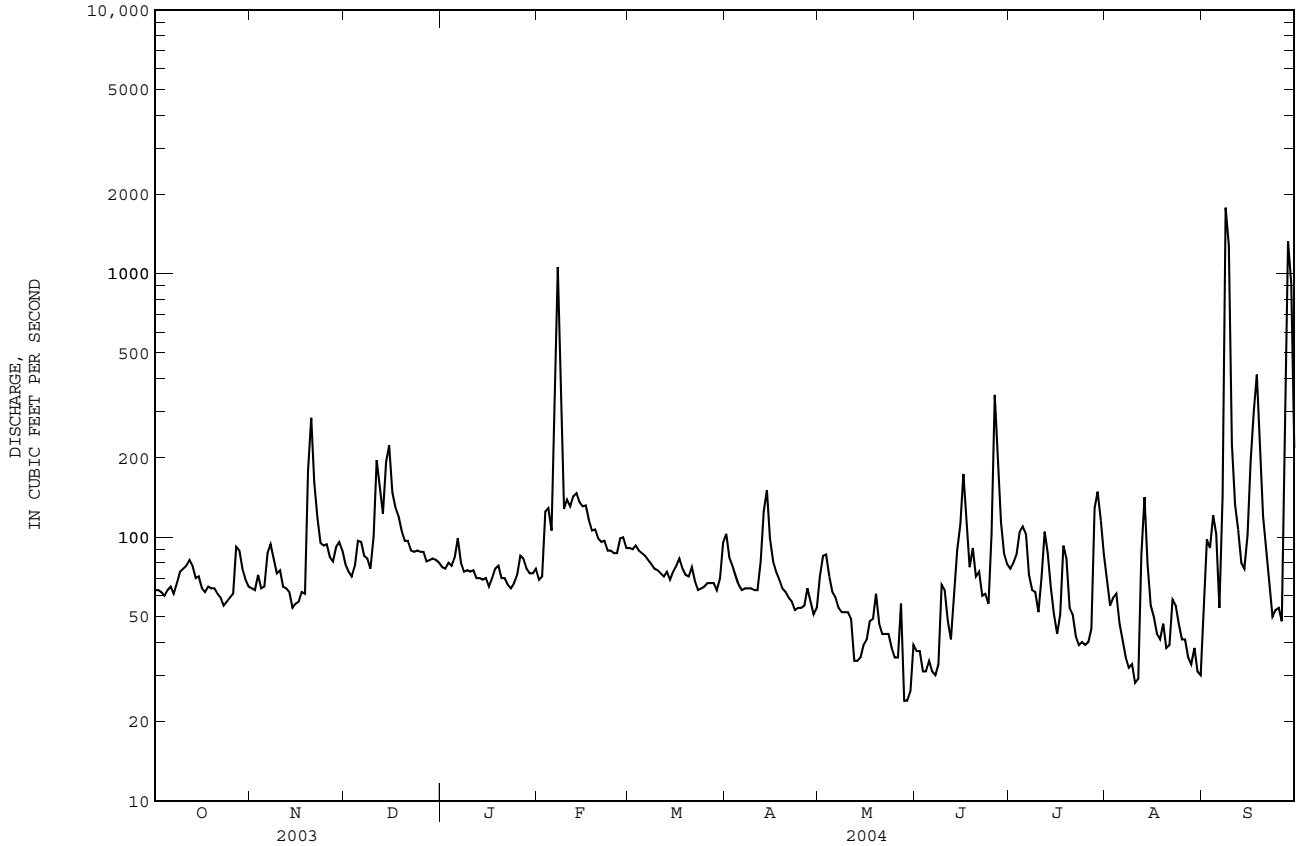
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2000 - 2004, BY WATER YEAR (WY)

	2000	2001	2002	2003	2004
MEAN	47.5	55.4	92.3	70.5	108
MAX	94.1	89.6	182	79.5	160
(WY)	2003	2004	2003	2002	2004
MIN	7.96	24.5	39.9	49.4	55.4
(WY)	2001	2002	2002	2001	2002

02157510 MIDDLE TYGER RIVER NEAR LYMAN, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 2000 - 2004	
ANNUAL TOTAL	55812		36010		83.5	
ANNUAL MEAN	153		98.4		161 2003	
HIGHEST ANNUAL MEAN					36.5 2002	
LOWEST ANNUAL MEAN					e 1950 Mar 21 2003	
HIGHEST DAILY MEAN	e 1950	Mar 21	e 1780	Sep 8	e 1950 Mar 21 2003	
LOWEST DAILY MEAN	54	Nov 14	24	May 28	0.66 Aug 29 2002	
ANNUAL SEVEN-DAY MINIMUM	59	Oct 20	31	May 28	1.1 Aug 23 2002	
MAXIMUM PEAK FLOW			Unknown Sep 8		Unknown Sep 8 2004	
MAXIMUM PEAK STAGE			6.85 Sep 8		6.85 Sep 8 2004	
ANNUAL RUNOFF (CFSM)	2.22		1.43		1.21	
ANNUAL RUNOFF (INCHES)	30.09		19.41		16.45	
10 PERCENT EXCEEDS	228		131		148	
50 PERCENT EXCEEDS	105		72		56	
90 PERCENT EXCEEDS	64		41		12	

e Estimated



SANTEE RIVER BASIN

02157510 MIDDLE TYGER RIVER NEAR LYMAN, SC--Continued

PRECIPITATION RECORDS

PERIOD OF RECORD.--April 2004 to September 2004.

INSTRUMENTATION.--Tipping bucket raingage and data collection platform.

REMARKS.--Precipitation data collected during freezing periods may not be accurately reflected in daily record; consequently, winter record is poor.

Precipitation, total, inches												
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004												
DAILY SUM VALUES												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	1.64	0.00	0.39	0.00	0.37
2	---	---	---	---	---	---	---	0.31	0.00	0.00	0.16	0.06
3	---	---	---	---	---	---	---	0.02	0.00	0.43	0.08	0.00
4	---	---	---	---	---	---	---	0.00	0.09	0.14	0.01	0.00
5	---	---	---	---	---	---	---	0.00	0.00	0.17	0.00	0.00
6	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.07
7	---	---	---	---	---	---	0.00	0.00	0.01	0.00	0.00	4.02
8	---	---	---	---	---	---	0.00	0.00	0.14	0.27	0.00	1.27
9	---	---	---	---	---	---	0.00	0.00	0.01	0.00	0.04	0.00
10	---	---	---	---	---	---	0.00	0.00	0.04	0.00	0.00	0.00
11	---	---	---	---	---	---	0.03	0.00	0.00	0.55	0.00	0.00
12	---	---	---	---	---	---	0.42	0.03	0.21	0.38	2.06	0.00
13	---	---	---	---	---	---	1.06	0.00	0.40	0.01	0.00	0.00
14	---	---	---	---	---	---	0.00	0.00	0.75	0.00	0.04	0.00
15	---	---	---	---	---	---	0.00	0.00	0.33	0.00	0.02	0.00
16	---	---	---	---	---	---	0.00	0.00	0.27	0.00	0.00	0.37
17	---	---	---	---	---	---	0.00	0.00	0.01	1.47	0.03	1.13
18	---	---	---	---	---	---	0.00	0.13	0.06	0.90	0.00	0.00
19	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
20	---	---	---	---	---	---	0.00	0.00	0.01	0.00	0.36	0.00
21	---	---	---	---	---	---	0.00	0.00	1.70	0.00	0.06	0.00
22	---	---	---	---	---	---	0.00	0.00	0.32	0.00	0.00	0.00
23	---	---	---	---	---	---	0.00	0.00	0.04	0.00	0.00	0.00
24	---	---	---	---	---	---	0.00	0.00	0.54	0.08	0.53	0.00
25	---	---	---	---	---	---	0.00	0.00	1.19	0.00	0.00	0.00
26	---	---	---	---	---	---	0.24	0.00	0.00	0.23	0.00	0.00
27	---	---	---	---	---	---	0.01	0.00	0.04	0.11	0.00	3.44
28	---	---	---	---	---	---	0.00	0.01	0.04	0.01	0.00	0.37
29	---	---	---	---	---	---	0.00	0.00	0.00	0.11	0.00	0.00
30	---	---	---	---	---	---	0.00	0.10	0.14	0.00	0.00	0.00
31	---	---	---	---	---	---	---	0.57	---	0.00	0.00	---
TOTAL	---	---	---	---	---	---	---	2.81	6.34	5.25	3.39	11.10

02158408 SOUTH TYGER RIVER BELOW DUNCAN, SC

LOCATION.--Lat 34°55'15'', long 82°07'49'', Spartanburg County, Hydrologic Unit 03050107, on downstream side of County Road 242 bridge, 2.0 mi south of Lyman and 1.5 mi southwest of Duncan, SC.

DRAINAGE AREA.--94.4 mi².

PERIOD OF RECORD.--February 2001 to current year.

GAGE.--Data collection platform. Elevation of gage is 728 ft above NGVD of 1929 (from topographic map).

REMARKS.--Records good except for estimated daily discharges, which are poor.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	102	105	135	118	108	131	151	141	73	114	111	129
2	101	102	128	119	109	133	129	154	69	117	117	148
3	99	100	121	119	221	140	115	139	63	182	128	105
4	98	100	133	120	178	138	109	117	63	129	114	87
5	97	106	158	131	162	134	e104	102	65	146	91	74
6	100	161	153	145	543	133	98	94	62	146	81	70
7	101	138	142	127	934	129	94	87	60	118	71	464
8	120	132	130	117	604	125	94	82	62	137	63	2190
9	125	116	126	116	377	118	94	78	90	112	59	1180
10	125	109	222	113	281	116	93	78	78	87	58	562
11	128	104	292	111	227	115	94	80	71	158	54	345
12	122	102	243	111	257	114	121	79	63	180	312	249
13	117	101	204	109	218	112	244	80	80	131	181	200
14	115	100	383	109	196	110	188	78	184	97	114	167
15	123	93	290	109	218	113	147	76	168	82	94	145
16	112	90	231	107	199	121	125	74	203	73	80	141
17	104	97	215	103	175	118	114	74	147	104	73	565
18	103	99	196	115	163	112	107	111	117	165	72	385
19	101	437	175	117	155	111	102	132	119	109	75	239
20	101	361	158	110	151	110	96	102	113	91	72	172
21	101	262	146	107	146	112	93	90	165	79	73	140
22	102	200	141	106	141	109	90	82	123	72	75	124
23	99	167	138	105	137	101	88	77	107	68	76	114
24	95	164	140	101	137	99	85	73	97	91	74	107
25	94	160	135	111	134	100	83	68	203	135	70	101
26	98	147	129	129	138	101	89	64	318	65	65	96
27	167	137	126	127	155	100	102	60	207	71	61	243
28	139	157	125	124	143	99	93	58	153	115	58	1480
29	127	159	124	117	134	98	85	56	126	291	56	548
30	115	142	129	115	---	112	82	57	114	238	54	324
31	108	---	124	113	---	143	---	84	---	139	51	---
TOTAL	3439	4448	5292	3581	6741	3607	3309	2727	3563	3842	2733	10894
MEAN	111	148	171	116	232	116	110	88.0	119	124	88.2	363
MAX	167	437	383	145	934	143	244	154	318	291	312	2190
MIN	94	90	121	101	108	98	82	56	60	65	51	70
CFSM	1.18	1.57	1.81	1.22	2.46	1.23	1.17	0.93	1.26	1.31	0.93	3.85
IN.	1.36	1.75	2.09	1.41	2.66	1.42	1.30	1.07	1.40	1.51	1.08	4.29

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2001 - 2004, BY WATER YEAR (WY)

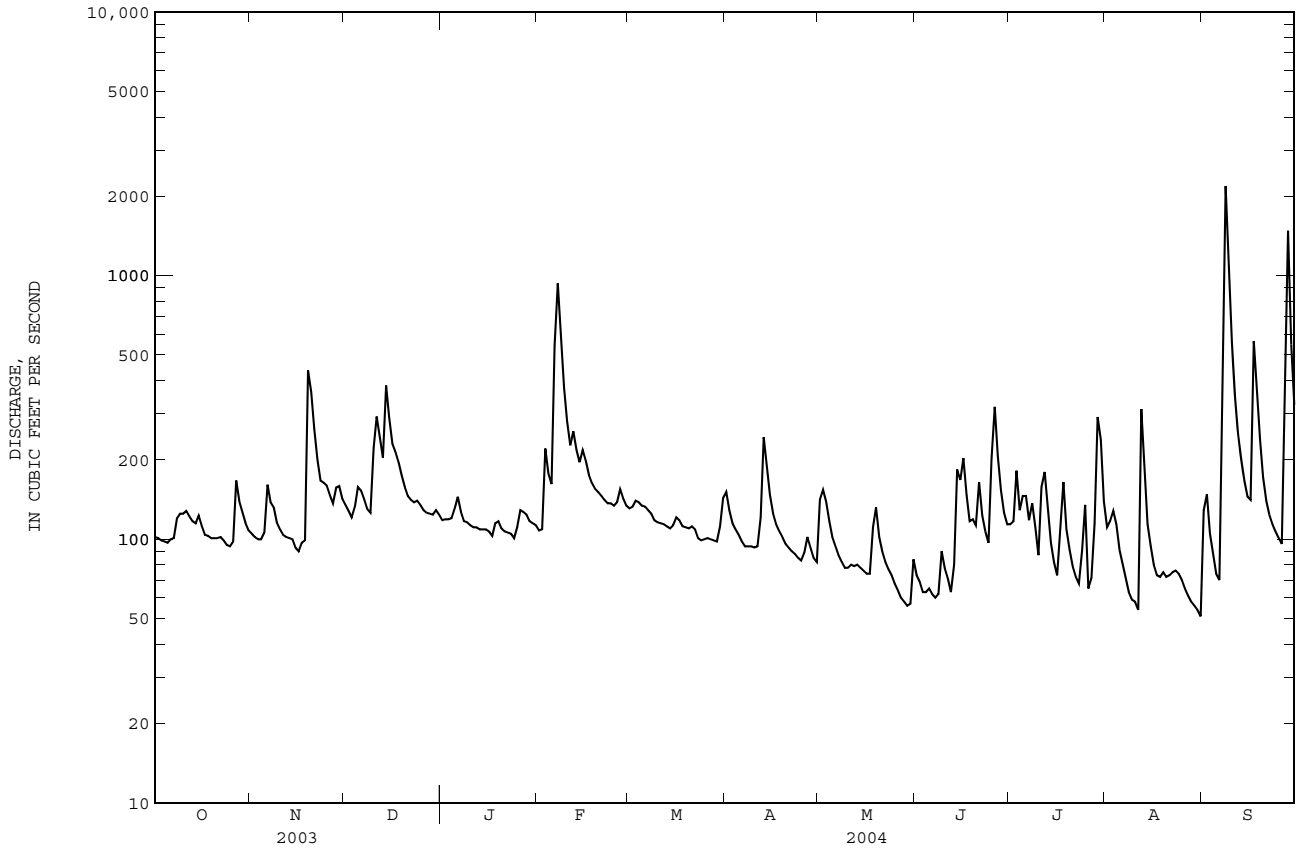
	2001	2002	2003	2004	2001	2002	2003	2004	2001	2002	2003	2004
MEAN	99.0	108	168	123	169	182	141	155	110	136	125	167
MAX	143	148	263	131	232	352	293	400	249	338	362	363
(WY)	2003	2004	2003	2002	2004	2003	2003	2003	2003	2003	2003	2004
MIN	43.4	44.2	68.9	116	92.9	106	68.6	47.5	26.7	28.4	22.8	55.9
(WY)	2002	2002	2002	2004	2002	2002	2002	2001	2002	2002	2001	2001

SANTEE RIVER BASIN

02158408 SOUTH TYGER RIVER BELOW DUNCAN, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 2001 - 2004	
ANNUAL TOTAL	87529		54176			
ANNUAL MEAN	240		148		155	
HIGHEST ANNUAL MEAN					249	2003
LOWEST ANNUAL MEAN					68.8	2002
HIGHEST DAILY MEAN	e 2400	Mar 20	2190	Sep 8	e 2400	Mar 20 2003
LOWEST DAILY MEAN	88	Jan 28	51	Aug 31	9.5	Aug 11 2002
ANNUAL SEVEN-DAY MINIMUM	97	Nov 12	59	Aug 25	10	Aug 8 2002
MAXIMUM PEAK FLOW			2810	Sep 8	3460	Mar 20 2003
MAXIMUM PEAK STAGE			12.24	Sep 8	13.37	Mar 20 2003
ANNUAL RUNOFF (CFPM)	2.54		1.57		1.64	
ANNUAL RUNOFF (INCHES)	34.49		21.35		22.35	
10 PERCENT EXCEEDS	433		218		281	
50 PERCENT EXCEEDS	176		115		112	
90 PERCENT EXCEEDS	103		73		31	

e Estimated



02158408 SOUTH TYGER RIVER BELOW DUNCAN, SC--Continued

PRECIPITATION RECORDS

PERIOD OF RECORD.--April 2004 to September 2004.

INSTRUMENTATION.--Tipping bucket raingage and data collection platform.

REMARKS.--Precipitation data collected during freezing periods may not be accurately reflected in daily record; consequently, winter record is poor.

Precipitation, total, inches
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
 DAILY SUM VALUES

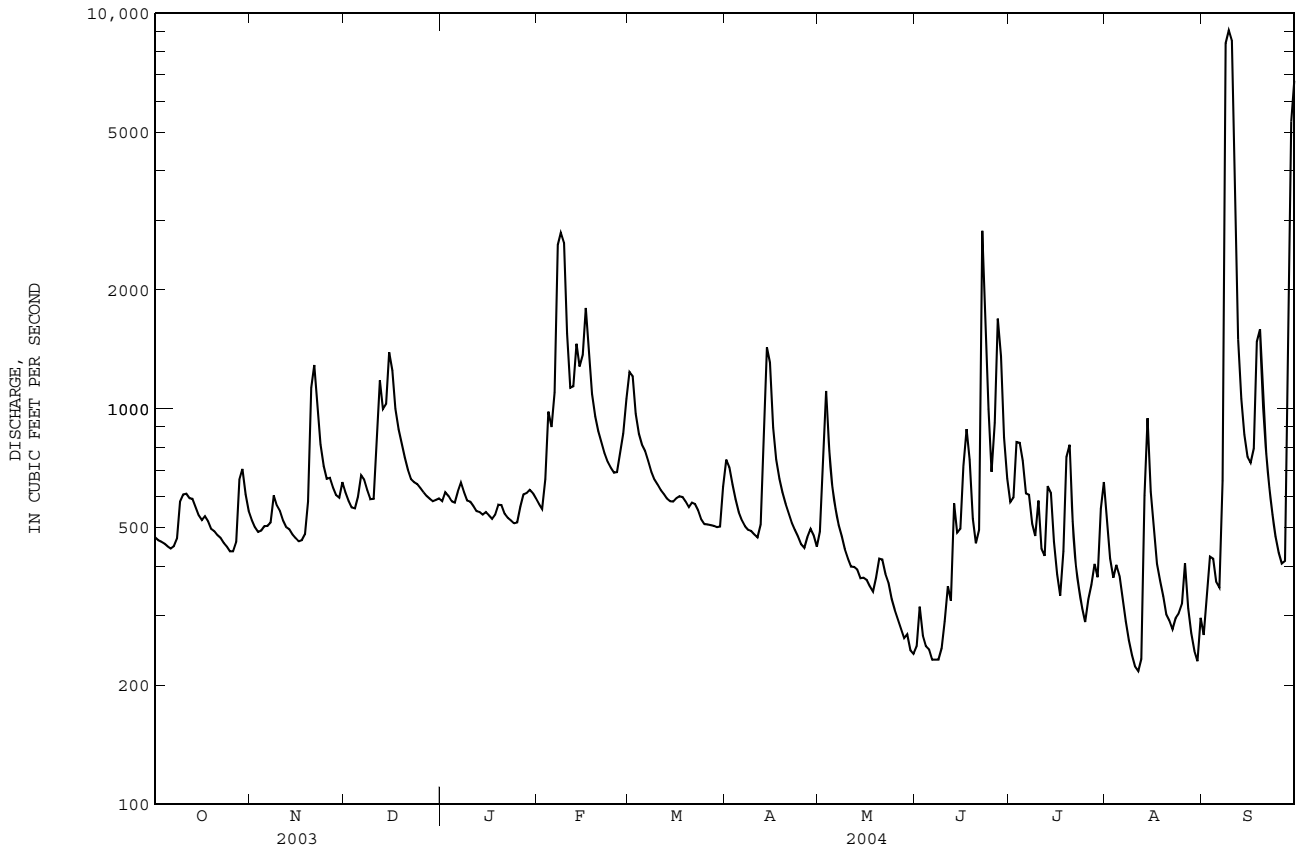
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	1.91	0.01	0.70	0.00	0.09
2	---	---	---	---	---	---	---	0.44	0.00	0.28	0.15	0.04
3	---	---	---	---	---	---	---	0.01	0.00	0.78	0.01	0.01
4	---	---	---	---	---	---	---	0.00	0.10	0.27	0.00	0.00
5	---	---	---	---	---	---	---	0.07	0.00	0.47	0.00	0.00
6	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.07
7	---	---	---	---	---	---	0.00	0.00	0.01	0.00	0.00	3.93
8	---	---	---	---	---	---	0.00	0.00	0.20	1.35	0.00	1.29
9	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.01
10	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
11	---	---	---	---	---	---	0.06	0.00	0.00	0.88	0.00	0.00
12	---	---	---	---	---	---	0.59	0.04	0.10	1.09	2.07	0.00
13	---	---	---	---	---	---	1.22	0.01	0.35	0.01	0.01	0.00
14	---	---	---	---	---	---	0.00	0.00	0.91	0.00	0.06	0.00
15	---	---	---	---	---	---	0.00	0.00	0.43	0.00	0.01	0.00
16	---	---	---	---	---	---	0.00	0.00	0.07	0.00	0.00	0.40
17	---	---	---	---	---	---	0.00	0.00	0.00	1.50	0.00	1.25
18	---	---	---	---	---	---	0.00	0.17	0.06	0.35	0.01	0.00
19	---	---	---	---	---	---	0.00	0.00	0.00	0.01	0.00	0.00
20	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.36	0.00
21	---	---	---	---	---	---	0.00	0.00	2.11	0.00	0.07	0.00
22	---	---	---	---	---	---	0.00	0.00	0.23	0.00	0.01	0.00
23	---	---	---	---	---	---	0.00	0.00	0.03	0.00	0.00	0.00
24	---	---	---	---	---	---	0.00	0.00	0.17	0.02	0.01	0.00
25	---	---	---	---	---	---	0.00	0.00	1.16	0.00	0.01	0.00
26	---	---	---	---	---	---	0.27	0.00	0.01	0.22	0.00	0.00
27	---	---	---	---	---	---	0.03	0.00	0.04	0.15	0.00	3.32
28	---	---	---	---	---	---	0.00	0.01	0.03	0.00	0.00	0.43
29	---	---	---	---	---	---	0.00	0.00	0.00	0.07	0.00	0.01
30	---	---	---	---	---	---	0.01	0.11	0.20	0.01	0.00	0.00
31	---	---	---	---	---	---	---	0.60	---	0.00	0.00	---
TOTAL	---	---	---	---	---	---	---	3.37	6.22	8.16	2.78	10.85

SANTEE RIVER BASIN

02160105 TYGER RIVER NEAR DELTA, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1974 - 2004	
ANNUAL TOTAL	502430		270774		983	
ANNUAL MEAN	1377		740		1474	
HIGHEST ANNUAL MEAN					420	
LOWEST ANNUAL MEAN					26000	
HIGHEST DAILY MEAN	13900	Mar 22	9070	Sep 9	26000	Oct 10 1976
LOWEST DAILY MEAN	428	Sep 22	217	Aug 11	28	Aug 14 2002
ANNUAL SEVEN-DAY MINIMUM	455	Sep 17	244	Jun 3	32	Aug 10 2002
MAXIMUM PEAK FLOW			10100	Sep 8	37500	Oct 11 1976
MAXIMUM PEAK STAGE			16.54	Sep 8	a 26.31	Oct 11 1976
INSTANTANEOUS LOW FLOW			208	Aug 12	26	b Aug 14 2002
ANNUAL RUNOFF (CFSM)	1.81		0.975		1.30	
ANNUAL RUNOFF (INCHES)	24.63		13.27		17.60	
10 PERCENT EXCEEDS	2590		1090		1750	
50 PERCENT EXCEEDS	888		566		682	
90 PERCENT EXCEEDS	506		320		269	

a From floodmarks.
 b Also occurred Aug. 15, 2002.



02160105 TYGER RIVER NEAR DELTA, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1972 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1973 to current year.

pH: October 1973 to current year.

WATER TEMPERATURE: October 1973 to current year.

DISSOLVED OXYGEN: October 1973 to current year.

INSTRUMENTATION.--USGS mini-monitor and data collection platform.

REMARKS.--Specific conductance records rated excellent except for Oct. 1 to Dec. 24, Mar. 1-17, Apr. 10 to June 3, June 16 to Aug. 13, which are good, and Aug. 27, Sep. 22, 23, which are poor. pH records rated excellent except for Mar. 17-21, June 9-14, June 25 to July 5, July 23 to Aug. 10, which are good, June 15, July 6, 7, Aug 11-13, which are fair, May 21 to June 3, which are poor. Temperature records rated excellent except for Jan. 5 to Feb. 2, which are good. Dissolved oxygen records rated good except for Nov. 13-27, Dec. 24 to Mar. 9, Aug. 28 to Sep. 6, which are excellent. Oct. 7-21, Dec. 11-22, Mar. 31 to Apr. 5 10-12, 17, 18, May, 22-25, June 4-8, Aug. 11-13, Sep. 16-24, which are fair, Dec. 23, Apr. 6-9, May 26 to June 3, Sep. 25-30, which are poor.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 291 microsiemens, Aug. 31, 1988; minimum, 13 microsiemens, Oct. 9, 10, 1976.

pH: Maximum, 9.4 units, Aug. 9, 10, 2002; minimum 5.6 units, Jul. 17, 1989.

WATER TEMPERATURE: Maximum, 33.5°C, July 31, 2002; minimum, less than 0.5°C many days, many years.

DISSOLVED OXYGEN: Maximum, 14.9 mg/L, Aug. 10, 2002; minimum, 1.6 mg/L, Feb. 19, 1984.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 131 microsiemens, Sep. 2; minimum, 31 microsiemens, Sep. 8.

pH: Maximum 7.6 units, several days in January and February; minimum, 6.1 units, Sep. 8.

WATER TEMPERATURE: Maximum, 29.8°C, June 12; minimum, 2.5°C, Jan. 28, 29.

DISSOLVED OXYGEN: Maximum, 13.3 mg/L, Feb. 27, 28; minimum 6.0 mg/L, Sep. 8, 9, 11.

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	84	82	83	94	89	92	83	78	81	84	80	82
2	90	83	87	95	93	94	83	79	81	83	81	82
3	93	87	91	97	93	95	83	79	81	84	81	83
4	93	90	91	96	92	95	87	81	84	85	83	84
5	93	90	92	96	91	94	90	84	88	85	79	82
6	93	88	91	97	93	96	94	89	91	82	79	81
7	89	87	88	101	96	99	93	88	90	83	79	81
8	90	86	89	98	96	97	90	87	88	83	80	82
9	91	85	88	97	93	95	88	84	86	84	80	83
10	94	89	93	93	90	91	87	83	85	87	83	86
11	94	89	91	---	---	---	90	83	87	88	84	86
12	93	90	92	---	---	---	87	76	82	87	84	86
13	92	88	91	89	83	86	77	73	75	88	85	86
14	89	85	88	93	87	91	80	73	77	88	85	87
15	89	85	87	95	91	93	76	70	73	89	85	87
16	92	87	91	93	89	92	71	66	69	88	84	86
17	93	91	92	91	88	90	74	68	71	87	83	86
18	95	91	93	95	90	94	78	74	76	88	86	87
19	95	93	94	95	92	94	81	76	79	89	86	88
20	94	90	93	96	79	87	81	78	80	88	86	87
21	93	90	92	81	70	75	83	80	82	86	82	84
22	92	89	90	72	68	70	81	78	80	87	82	85
23	95	90	93	77	71	75	81	78	80	88	84	86
24	98	93	96	82	77	80	81	79	80	90	86	89
25	99	95	97	84	80	82	85	80	83	90	87	89
26	99	96	98	85	80	83	86	83	85	91	86	89
27	100	95	98	86	83	85	85	82	84	90	88	89
28	95	89	91	87	84	85	83	80	82	91	87	89
29	92	87	90	88	85	87	82	79	80	96	86	91
30	90	87	88	86	82	85	81	79	80	102	94	99
31	91	87	90	---	---	---	82	76	80	101	95	98
MONTH	100	82	91	---	---	---	94	66	81	102	79	86

SANTEE RIVER BASIN

02160105 TYGER RIVER NEAR DELTA, SC--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	96	91	94	84	75	80	89	84	86	96	90	93
2	94	89	92	78	74	76	87	79	84	93	88	91
3	96	88	92	80	75	78	83	79	81	90	77	84
4	93	85	90	81	76	79	85	78	82	83	78	81
5	89	82	86	84	78	81	87	80	84	84	80	83
6	84	48	75	84	79	82	88	82	86	88	82	86
7	66	52	61	87	81	84	88	83	87	93	86	91
8	66	55	62	86	81	84	89	84	87	96	91	94
9	58	52	54	87	81	85	93	84	90	96	91	95
10	63	54	60	86	81	85	94	89	92	98	93	97
11	68	63	66	86	81	84	95	90	93	99	96	98
12	71	65	69	87	82	86	94	91	93	99	95	97
13	72	65	69	88	84	86	96	91	94	100	95	98
14	73	67	71	91	84	88	92	73	81	102	99	100
15	72	60	68	90	83	87	78	72	76	106	99	103
16	68	60	65	91	83	90	81	74	78	105	102	104
17	71	65	70	91	83	88	85	78	82	105	102	104
18	75	68	71	88	81	85	87	84	85	105	101	104
19	78	71	75	88	84	87	90	85	88	107	101	104
20	81	75	78	89	84	87	90	85	88	105	96	102
21	82	77	80	89	84	87	93	87	90	99	95	98
22	82	77	80	87	82	86	92	88	90	100	91	96
23	83	78	81	90	83	87	93	88	91	101	91	98
24	83	79	82	89	84	87	93	88	92	104	98	101
25	83	79	82	90	85	88	96	90	94	106	100	103
26	85	76	82	89	84	88	96	90	94	107	102	105
27	83	75	80	90	84	88	97	91	94	111	102	106
28	86	78	82	91	87	89	95	91	93	111	105	108
29	85	78	82	93	86	90	93	90	91	111	106	109
30	---	---	---	91	86	89	93	90	92	117	108	113
31	---	---	---	88	82	86	---	---	---	116	111	113
MONTH	96	48	76	93	74	85	97	72	88	117	77	99

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	120	110	115	85	79	82	79	71	76	128	100	111
2	120	111	117	91	83	88	84	75	80	131	95	110
3	113	107	111	87	81	85	89	81	85	111	96	105
4	114	107	111	88	80	83	93	85	88	97	90	94
5	117	110	113	85	80	82	95	84	91	93	89	91
6	---	---	---	86	83	85	91	84	87	94	89	92
7	---	---	---	86	82	84	93	86	90	91	40	80
8	---	---	---	88	82	84	97	90	93	42	31	37
9	---	---	---	94	80	87	100	94	97	46	34	42
10	---	---	---	91	83	87	103	95	101	46	39	44
11	---	---	---	88	83	85	108	98	103	61	46	53
12	---	---	---	92	83	87	108	93	100	65	61	63
13	---	---	---	94	82	89	102	84	91	67	64	66
14	---	---	---	82	73	77	87	70	74	72	67	70
15	---	---	---	80	73	78	76	72	74	75	71	73
16	93	79	86	86	77	83	86	75	82	78	74	76
17	81	75	77	89	78	85	87	81	85	83	76	79
18	80	75	77	89	76	84	88	81	85	83	66	72
19	88	76	81	90	72	80	94	85	90	67	60	63
20	93	80	84	74	67	70	99	90	95	65	60	62
21	86	73	84	72	64	68	102	96	100	72	65	69
22	73	49	53	82	70	78	106	100	103	80	72	75
23	71	56	64	90	81	87	112	101	108	85	80	83
24	79	69	75	95	88	92	108	100	103	---	---	---
25	88	77	82	99	91	96	106	100	102	89	86	88
26	90	76	84	102	84	96	121	96	106	91	87	90
27	78	60	66	96	85	91	101	96	99	91	88	90
28	68	61	64	101	94	98	104	98	101	89	51	71
29	75	65	71	102	91	97	106	101	104	51	46	48
30	80	74	78	93	80	89	113	105	109	52	46	49
31	---	---	---	80	70	74	112	96	105	---	---	---
MONTH	---	---	---	102	64	85	121	70	94	---	---	---

SANTEE RIVER BASIN

02160105 TYGER RIVER NEAR DELTA, SC--Continued

pH, water, unfiltered, field, standard units
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	7.1	6.9	7.3	7.2	7.3	7.2	7.5	7.4	7.6	7.5	7.3	7.2
2	7.1	7.0	7.4	7.3	7.4	7.2	7.5	7.4	7.5	7.5	7.2	7.2
3	7.1	7.0	7.4	7.3	7.3	7.2	7.5	7.4	7.5	7.4	7.3	7.2
4	7.0	7.0	7.3	7.2	7.3	7.3	7.5	7.4	7.5	7.4	7.3	7.3
5	7.1	7.0	7.4	7.2	7.3	7.3	7.5	7.4	7.4	7.4	7.4	7.3
6	7.2	7.0	7.4	7.3	7.4	7.3	7.6	7.5	7.4	7.0	7.4	7.3
7	7.2	7.1	7.5	7.3	7.3	7.2	7.6	7.5	7.2	7.0	7.4	7.3
8	7.2	7.1	7.3	7.3	7.3	7.2	7.5	7.5	7.2	7.1	7.4	7.3
9	7.2	7.1	7.4	7.3	7.3	7.2	7.5	7.4	7.2	7.1	7.4	7.3
10	7.1	7.1	7.4	7.3	7.3	7.3	7.5	7.4	7.3	7.2	7.3	7.3
11	7.1	7.1	---	---	7.4	7.3	7.5	7.4	7.3	7.2	7.3	7.3
12	7.2	7.1	7.5	7.3	7.3	7.2	7.5	7.4	7.3	7.2	7.3	7.2
13	7.2	7.1	7.4	7.3	7.3	7.2	7.5	7.4	7.3	7.2	7.3	7.2
14	7.2	7.1	7.4	7.3	7.3	7.2	7.5	7.4	7.2	7.2	7.3	7.2
15	7.2	7.1	7.3	7.3	7.3	7.2	7.5	7.4	7.2	7.1	7.3	7.2
16	7.2	7.1	7.3	7.3	7.2	7.2	7.6	7.5	7.2	7.1	7.3	7.2
17	7.2	7.1	7.3	7.3	7.3	7.2	7.5	7.5	7.2	7.2	7.3	7.1
18	7.2	7.1	7.3	7.3	7.3	7.3	7.5	7.5	7.3	7.2	7.2	7.1
19	7.3	7.1	7.3	7.3	7.4	7.3	7.6	7.5	7.3	7.2	7.2	7.1
20	7.2	7.1	7.3	7.2	7.4	7.3	7.6	7.5	7.3	7.2	7.2	7.0
21	7.2	7.1	7.2	7.1	7.4	7.3	7.6	7.5	7.3	7.2	7.3	7.0
22	7.2	7.1	7.2	7.1	7.4	7.3	7.6	7.5	7.4	7.3	7.3	7.2
23	7.2	7.2	7.3	7.2	7.4	7.3	7.6	7.5	7.4	7.3	7.3	7.1
24	7.2	7.1	7.3	7.2	7.4	7.3	7.6	7.5	7.4	7.3	7.3	7.1
25	7.2	7.1	7.4	7.2	7.4	7.4	7.5	7.5	7.4	7.3	7.3	7.1
26	7.2	7.1	7.4	7.2	7.4	7.4	7.5	7.5	7.4	7.4	7.3	7.1
27	7.1	7.1	7.3	7.2	7.4	7.3	7.5	7.5	7.4	7.3	7.3	7.1
28	7.2	7.0	7.3	7.2	7.4	7.3	7.6	7.4	7.4	7.3	7.3	7.1
29	7.2	7.1	7.4	7.3	7.4	7.4	7.6	7.4	7.4	7.2	7.4	7.2
30	7.2	7.1	7.4	7.2	7.5	7.4	7.5	7.4	---	---	7.3	7.2
31	7.2	7.2	---	---	7.5	7.4	7.6	7.4	---	---	7.2	7.2
MONTH	7.3	6.9	---	---	7.5	7.2	7.6	7.4	7.6	7.0	7.4	7.0

pH, water, unfiltered, field, standard units

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	7.3	7.2	7.4	7.3	7.0	6.6	7.0	6.8	7.1	6.9	7.3	7.2
2	7.2	7.2	7.4	7.3	6.9	6.8	7.0	7.0	7.1	6.9	7.3	7.2
3	7.3	7.2	7.4	7.2	7.0	6.8	7.0	7.0	7.0	6.9	7.3	7.2
4	7.3	7.1	7.3	7.2	7.0	6.9	7.0	6.8	7.1	6.9	7.2	7.2
5	7.4	7.2	7.4	7.2	7.0	6.9	7.0	6.9	7.0	6.9	7.2	7.2
6	7.5	7.3	7.4	7.2	7.0	6.9	7.0	6.9	7.0	6.9	7.2	7.2
7	7.4	7.3	7.4	7.2	7.0	6.9	7.2	6.9	7.0	6.9	7.2	6.5
8	7.4	7.3	7.3	7.3	7.0	6.8	7.3	7.1	7.1	6.9	6.5	6.1
9	7.5	7.3	7.4	7.2	6.9	6.7	7.2	7.1	7.1	6.9	6.4	6.4
10	7.4	7.3	7.3	7.3	6.9	6.7	7.2	7.1	7.2	6.9	6.5	6.4
11	7.4	7.3	7.4	7.3	6.8	6.8	7.2	7.1	7.2	7.0	6.5	6.5
12	7.3	7.3	7.3	7.3	6.9	6.8	7.2	7.1	7.1	7.0	6.8	6.5
13	7.3	7.2	7.3	7.3	6.9	6.8	7.2	7.1	7.2	7.0	6.9	6.8
14	7.2	7.1	7.3	7.3	7.0	6.9	7.2	7.0	7.1	6.7	6.9	6.8
15	7.1	7.1	7.3	7.3	7.1	6.9	7.1	7.0	7.0	6.6	7.0	6.9
16	7.2	7.1	7.4	7.3	7.1	7.0	7.2	7.0	7.2	6.8	7.0	6.9
17	7.3	7.2	7.3	7.3	7.2	7.0	7.2	7.1	7.2	6.4	7.0	6.9
18	7.3	7.2	7.4	7.3	7.2	7.1	7.2	7.0	7.2	7.1	7.0	6.8
19	7.3	7.2	7.4	7.3	7.1	7.0	7.2	7.1	7.3	7.1	6.9	6.8
20	7.3	7.2	7.3	7.2	7.1	7.0	7.2	7.0	7.3	7.0	6.9	6.8
21	7.3	7.2	7.2	6.7	7.1	6.9	7.1	6.9	7.3	7.2	7.0	6.9
22	7.4	7.2	7.3	6.7	7.1	6.9	7.1	6.9	7.3	7.2	7.0	7.0
23	7.4	7.2	7.1	6.6	7.0	6.8	7.2	7.1	7.3	7.2	7.0	7.0
24	7.3	7.3	7.0	6.9	7.0	6.8	7.2	7.0	7.3	7.2	7.0	7.0
25	7.4	7.2	6.9	6.6	7.0	7.0	7.1	6.9	7.3	7.2	7.1	7.0
26	7.3	7.3	6.9	6.8	7.0	6.9	7.1	6.8	7.3	7.2	7.1	7.1
27	7.4	7.3	6.9	6.8	6.9	6.8	7.0	6.9	7.2	7.2	7.1	7.0
28	7.4	7.3	6.9	6.8	7.0	6.8	7.1	6.9	7.2	7.2	7.0	6.6
29	7.4	7.3	7.0	6.8	7.0	6.9	7.1	6.9	7.3	7.2	6.6	6.5
30	7.4	7.2	7.0	6.8	6.9	6.8	7.1	7.0	7.3	7.2	6.6	6.5
31	---	---	7.0	6.8	---	---	7.1	7.0	7.3	7.1	---	---
MONTH	7.5	7.1	7.4	6.6	7.2	6.6	7.3	6.8	7.3	6.4	7.3	6.1

SANTEE RIVER BASIN

02160105 TYGER RIVER NEAR DELTA, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	18.7	16.4	17.6	16.3	14.2	15.3	9.2	7.6	8.4	6.7	5.3	6.1
2	18.4	17.1	17.8	16.6	14.4	15.6	8.6	7.3	8.0	7.6	6.2	6.9
3	17.1	15.3	16.3	16.9	14.8	15.9	7.7	7.0	7.3	9.4	7.1	8.1
4	17.4	14.9	16.3	17.5	16.1	16.8	7.3	6.8	7.0	11.3	9.3	10.2
5	18.0	15.7	16.9	19.0	17.3	18.1	7.1	6.7	6.9	13.3	11.2	12.3
6	19.0	17.0	18.0	20.1	18.6	19.3	7.6	6.6	7.1	13.1	10.2	11.8
7	19.5	18.4	19.0	20.1	19.0	19.6	7.1	5.8	6.5	10.2	7.0	8.3
8	19.2	18.6	18.9	19.4	17.5	18.4	6.8	5.3	6.1	7.0	5.9	6.4
9	19.5	18.8	19.1	17.5	15.0	16.4	7.0	5.3	6.2	6.5	5.9	6.1
10	19.3	18.7	19.0	15.0	13.0	13.8	8.2	6.6	7.3	6.1	5.2	5.8
11	19.4	18.8	19.1	---	---	---	8.4	7.4	8.0	5.2	4.2	4.7
12	20.3	18.7	19.4	15.2	---	---	8.0	7.3	7.6	5.8	4.0	4.9
13	20.4	18.6	19.6	15.2	13.4	14.7	7.3	6.6	6.8	6.7	4.9	5.8
14	20.3	19.7	20.0	13.4	11.4	12.1	6.6	6.3	6.4	6.8	5.1	6.1
15	19.7	17.8	18.8	12.3	10.7	11.5	7.0	6.1	6.5	7.8	6.3	7.0
16	17.8	16.0	17.0	13.0	10.9	12.0	6.8	6.2	6.5	6.8	5.6	6.3
17	16.7	15.2	16.1	14.5	12.9	13.7	7.7	6.6	7.1	6.1	5.0	5.7
18	17.0	15.3	16.2	16.0	13.9	14.8	7.1	6.2	6.7	7.8	6.1	6.9
19	16.9	14.8	15.9	17.0	16.0	16.5	7.1	6.3	6.7	7.9	6.8	7.4
20	17.4	15.1	16.3	16.2	14.9	15.4	6.5	5.3	5.9	6.8	5.2	5.8
21	17.9	15.5	16.8	15.0	13.6	14.2	5.3	4.0	4.6	5.3	4.0	4.8
22	18.1	16.3	17.2	13.6	12.6	13.2	5.0	3.5	4.3	5.3	3.5	4.5
23	16.7	15.1	16.0	13.3	12.1	12.7	6.2	4.0	5.0	5.7	4.0	4.9
24	16.0	14.3	15.2	13.5	12.3	12.9	8.4	6.2	7.3	6.5	4.3	5.4
25	15.9	13.8	14.9	12.7	10.5	11.3	7.7	6.2	6.8	6.4	4.4	5.7
26	16.1	15.0	15.5	10.6	9.3	10.0	6.2	5.0	5.6	4.4	3.1	3.5
27	17.1	16.0	16.6	11.0	9.7	10.2	5.5	4.0	4.8	3.5	2.9	3.2
28	16.9	15.8	16.4	12.4	11.0	11.7	5.5	4.0	4.8	4.1	2.5	3.2
29	16.6	15.3	15.8	11.3	9.0	10.1	6.8	4.6	5.6	4.1	2.5	3.4
30	15.9	14.3	15.2	9.0	7.7	8.5	8.6	6.8	7.7	5.3	3.4	4.3
31	16.0	14.1	15.1	---	---	---	7.6	6.2	6.9	5.0	3.6	4.4
MONTH	20.4	13.8	17.2	---	---	---	9.2	3.5	6.5	13.3	2.5	6.1

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	5.0	3.4	4.2	8.1	5.9	7.0	14.2	12.8	13.6	20.5	18.5	19.4
2	4.5	3.6	4.1	11.7	7.8	9.6	13.4	12.0	12.5	20.5	19.0	19.8
3	5.1	4.2	4.6	13.5	11.2	12.3	14.6	10.6	12.7	19.9	18.6	19.4
4	5.3	4.1	4.7	15.1	12.8	13.9	15.4	12.4	14.0	18.9	16.9	18.0
5	4.9	4.3	4.6	15.6	14.0	14.8	15.4	12.0	13.9	19.4	16.2	17.9
6	6.4	4.5	5.1	16.6	15.0	15.7	15.8	12.2	14.2	21.3	17.7	19.5
7	6.6	5.8	6.2	16.5	14.5	15.6	16.5	12.8	14.9	22.8	19.2	21.1
8	6.3	5.3	5.8	15.1	13.0	13.9	15.8	14.4	15.0	23.9	20.4	22.2
9	5.8	4.6	5.1	13.1	10.8	11.4	17.8	13.7	15.8	24.6	21.8	23.2
10	6.1	4.6	5.4	11.0	9.8	10.4	18.3	14.8	16.8	24.5	21.4	23.1
11	7.3	6.0	6.6	11.3	8.3	10.0	18.0	16.3	17.3	24.2	21.3	22.8
12	7.4	7.0	7.2	12.6	9.6	11.1	17.5	14.8	16.0	23.0	21.8	22.3
13	7.8	6.3	7.1	12.4	9.7	11.2	16.0	14.0	15.0	24.4	21.2	22.5
14	7.9	7.5	7.7	12.9	10.2	11.6	15.3	13.9	14.7	24.4	21.6	23.0
15	8.2	7.6	7.9	14.0	12.3	13.1	15.7	13.1	14.5	24.1	21.4	22.7
16	8.0	6.9	7.4	15.4	13.3	14.2	17.0	13.9	15.5	24.4	21.6	22.8
17	7.1	6.2	6.6	15.2	13.0	14.1	18.7	14.9	16.9	24.9	21.8	23.2
18	7.3	5.5	6.4	14.0	12.2	13.2	20.2	16.6	18.5	23.6	22.0	22.9
19	7.9	5.5	6.7	15.4	12.1	13.8	21.5	18.2	19.9	24.4	22.2	23.2
20	9.0	6.4	7.7	15.2	12.7	14.1	21.9	19.0	20.5	25.4	22.3	23.9
21	11.5	8.8	10.0	16.7	14.1	15.2	21.6	19.4	20.6	26.9	23.3	25.0
22	10.6	9.0	9.9	14.6	12.1	13.2	21.5	18.7	20.2	27.2	24.3	25.5
23	9.9	8.4	9.1	12.6	9.9	11.4	22.3	19.0	20.7	27.4	24.1	25.7
24	9.6	8.5	9.1	13.2	9.7	11.5	22.9	19.7	21.4	27.6	23.9	25.7
25	9.9	8.7	9.3	14.9	11.1	13.1	23.0	20.6	21.9	28.0	24.4	26.2
26	9.3	4.1	6.7	16.7	12.9	14.9	22.0	20.0	21.0	27.2	25.2	26.1
27	5.2	3.4	4.2	17.9	14.3	16.2	20.2	18.4	19.4	27.7	24.1	25.9
28	6.6	3.9	5.2	19.2	16.0	17.8	19.1	16.4	17.9	27.5	24.5	26.0
29	7.3	4.7	6.0	19.2	16.9	18.1	19.3	16.3	17.9	27.6	24.7	26.1
30	---	---	---	18.1	15.2	16.3	19.6	17.3	18.5	27.7	24.9	26.1
31	---	---	---	15.2	13.6	14.5	---	---	---	27.4	25.1	26.0
MONTH	11.5	3.4	6.6	19.2	5.9	13.3	23.0	10.6	17.1	28.0	16.2	23.1

SANTEE RIVER BASIN

02160105 TYGER RIVER NEAR DELTA, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	26.5	23.4	25.1	25.4	23.8	24.6	28.0	26.1	27.1	26.3	24.7	25.3
2	26.2	22.4	24.4	26.4	24.2	25.2	28.8	26.6	27.6	25.0	23.8	24.5
3	26.2	22.9	24.6	25.2	24.2	24.7	29.3	26.6	28.0	24.6	22.8	23.7
4	26.5	24.7	25.4	26.3	24.3	25.2	29.2	26.3	27.8	24.8	22.8	23.8
5	27.4	23.5	25.4	27.5	24.8	26.1	28.8	26.5	27.7	25.5	23.1	24.4
6	27.0	23.8	25.4	28.2	25.3	26.8	27.7	25.3	26.6	25.0	23.8	24.4
7	27.9	24.2	25.9	28.9	26.0	27.5	26.0	22.9	24.5	24.4	23.4	23.8
8	26.4	24.8	25.4	29.4	26.3	27.8	25.5	21.7	23.6	23.6	23.2	23.3
9	26.0	24.1	25.0	29.1	26.2	27.7	25.7	21.9	23.8	24.1	23.1	23.5
10	28.5	24.2	26.3	29.5	26.9	28.1	25.6	22.4	24.1	24.2	23.2	23.6
11	29.2	25.9	27.6	29.5	26.9	28.1	27.2	23.0	25.1	24.4	23.1	23.6
12	29.8	26.6	27.9	28.8	25.7	27.3	25.8	23.7	24.3	23.6	22.7	23.2
13	26.6	24.9	25.8	28.3	26.2	27.3	23.9	23.0	23.6	23.0	22.3	22.7
14	---	---	---	28.7	26.4	27.5	23.0	22.5	22.8	23.4	21.9	22.7
15	---	---	---	28.6	26.0	27.3	22.6	22.1	22.4	23.0	22.0	22.6
16	27.1	25.2	26.2	27.9	24.9	26.4	24.6	21.9	23.2	23.0	22.2	22.7
17	27.8	25.6	26.7	26.9	24.4	25.6	25.5	22.7	24.1	23.0	22.6	22.9
18	29.0	26.5	27.8	26.2	24.4	25.2	26.5	23.4	25.0	22.9	22.0	22.4
19	29.5	26.9	28.2	26.3	24.1	25.2	27.6	24.0	25.8	22.2	20.6	21.4
20	28.7	26.4	27.6	26.1	24.6	25.4	27.6	24.8	26.2	20.6	19.6	20.1
21	27.6	25.5	26.2	27.4	24.4	25.9	27.8	25.2	26.4	20.4	18.6	19.5
22	25.5	23.0	23.5	28.3	25.3	26.9	26.4	24.7	25.5	20.5	18.2	19.4
23	25.7	24.1	24.9	29.3	26.0	27.6	26.4	23.8	25.1	21.3	18.8	20.1
24	26.3	24.6	25.4	29.4	26.3	27.9	25.6	24.4	25.1	22.6	20.1	21.2
25	27.1	24.8	25.9	29.3	26.6	27.9	26.6	23.8	25.1	22.1	20.0	21.1
26	26.4	25.0	25.7	28.4	26.1	27.2	26.1	23.9	25.0	21.9	19.7	20.9
27	25.6	24.6	24.9	27.5	25.5	26.3	26.8	23.6	25.3	21.5	20.9	21.1
28	25.1	24.3	24.6	27.6	25.3	26.4	27.6	24.5	26.0	22.3	21.0	21.6
29	26.1	23.9	25.0	27.6	25.8	26.7	25.8	24.5	25.2	22.2	21.1	21.4
30	25.2	24.5	24.8	27.8	25.5	26.6	27.8	24.0	25.9	21.9	21.1	21.5
31	---	---	---	28.1	26.0	27.1	26.5	25.2	25.8	---	---	---
MONTH	---	---	---	29.5	23.8	26.6	29.3	21.7	25.3	26.3	18.2	22.4

SANTEE RIVER BASIN

02160105 TYGER RIVER NEAR DELTA, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	9.8	9.3	9.5	---	---	---	10.3	9.9	10.1	11.8	11.3	11.5
2	9.6	9.2	9.3	---	---	---	10.5	9.9	10.2	11.6	11.1	11.4
3	9.9	9.3	9.6	---	---	---	10.7	10.2	10.5	11.2	10.5	10.9
4	9.7	9.1	9.4	---	---	---	10.5	10.3	10.4	10.5	9.7	10.1
5	9.4	8.9	9.2	---	---	---	10.6	10.4	10.5	9.7	9.1	9.4
6	9.2	8.3	8.7	---	---	---	10.7	10.4	10.5	10.1	9.2	9.6
7	8.4	8.2	8.3	---	---	---	10.8	10.4	10.6	11.1	10.1	10.7
8	8.3	8.1	8.2	---	---	---	11.2	10.7	11.0	11.7	11.1	11.5
9	8.2	7.9	8.0	---	---	---	11.2	10.7	11.0	11.7	11.4	11.6
10	8.2	7.9	8.0	---	---	---	10.9	10.1	10.6	11.9	11.6	11.8
11	8.1	7.8	8.0	---	---	---	10.4	10.1	10.2	12.4	11.8	12.2
12	8.1	7.8	8.0	---	---	---	10.7	10.2	10.6	12.4	11.7	12.1
13	8.9	7.9	8.2	8.5	7.7	8.0	11.1	10.7	10.9	11.9	11.3	11.7
14	9.1	7.7	8.6	8.7	7.9	8.4	11.1	11.0	11.0	11.6	11.2	11.4
15	8.4	7.6	8.0	8.8	8.5	8.7	11.3	10.8	11.1	11.2	10.8	11.0
16	8.6	8.0	8.4	8.8	8.2	8.5	11.4	11.0	11.2	11.4	10.9	11.2
17	8.8	8.1	8.5	8.5	8.1	8.3	11.2	10.4	10.8	11.6	11.3	11.4
18	8.8	8.1	8.4	8.4	7.9	8.2	11.1	10.8	10.9	11.3	10.6	10.9
19	9.0	8.4	8.7	7.9	7.4	7.6	11.1	10.8	11.0	10.8	10.5	10.7
20	8.8	8.2	8.5	8.1	7.5	7.7	11.5	11.0	11.3	11.5	10.8	11.3
21	8.4	7.3	8.1	8.3	7.7	7.9	12.2	11.5	11.9	12.1	11.5	11.8
22	7.6	7.1	7.4	8.6	8.1	8.3	12.4	12.1	12.2	12.2	11.6	11.9
23	---	---	---	8.6	8.2	8.4	12.2	11.6	12.0	11.9	11.5	11.7
24	---	---	---	8.6	8.0	8.3	11.7	10.8	11.2	11.7	10.9	11.4
25	---	---	---	9.0	8.2	8.6	11.4	10.8	11.2	11.4	10.8	11.0
26	---	---	---	9.4	8.9	9.2	11.9	11.4	11.7	12.2	11.4	11.8
27	---	---	---	9.3	8.9	9.2	12.3	11.8	12.1	12.2	12.1	12.2
28	---	---	---	9.0	8.4	8.7	12.4	12.0	12.2	12.4	12.1	12.3
29	---	---	---	9.6	8.7	9.2	12.2	11.4	11.9	12.7	12.1	12.5
30	---	---	---	10.3	9.6	10.0	11.5	10.8	11.1	12.2	11.6	12.0
31	---	---	---	---	---	---	11.4	10.9	11.2	12.0	11.5	11.8
MONTH	---	---	---	---	---	---	12.4	9.9	11.1	12.7	9.1	11.4

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	12.3	11.8	12.0	12.8	12.1	12.4	9.3	8.8	9.1	7.5	7.1	7.3
2	12.4	11.9	12.1	12.1	10.5	11.5	9.7	9.1	9.4	7.4	7.1	7.3
3	12.2	11.8	12.0	10.8	10.1	10.5	10.1	9.1	9.6	7.6	7.2	7.4
4	12.1	11.8	11.9	10.2	9.5	9.9	9.3	8.8	9.0	8.2	7.6	8.0
5	12.1	11.8	12.0	9.9	9.1	9.5	9.6	8.8	9.2	8.5	8.0	8.3
6	12.1	11.2	11.8	9.5	9.0	9.2	9.8	8.6	9.1	8.2	7.6	7.9
7	11.9	11.3	11.7	9.5	8.9	9.3	9.2	8.4	8.9	7.9	7.2	7.6
8	12.5	11.7	12.2	9.8	8.9	9.5	9.4	8.3	8.7	7.5	7.0	7.3
9	12.9	12.5	12.7	10.6	9.6	10.2	9.4	7.9	8.6	7.4	6.9	7.2
10	12.8	12.3	12.6	11.2	10.5	10.8	8.4	7.6	8.0	7.4	6.9	7.1
11	12.4	11.9	12.2	11.3	10.5	10.9	8.0	7.4	7.7	7.4	6.9	7.1
12	11.9	11.7	11.8	10.9	10.2	10.5	7.7	7.4	7.6	7.3	7.0	7.1
13	12.3	11.8	12.0	10.9	10.1	10.5	---	---	---	7.4	6.9	7.1
14	11.8	11.4	11.6	10.6	10.1	10.4	---	---	---	7.2	6.8	7.0
15	11.6	11.3	11.4	10.2	9.6	9.9	---	---	---	---	---	---
16	12.1	11.5	11.9	9.6	9.2	9.4	---	---	---	7.3	7.0	7.1
17	12.4	12.1	12.3	9.6	8.6	9.2	8.9	8.1	8.6	7.3	6.7	7.0
18	12.6	11.9	12.3	9.2	8.6	8.9	8.6	7.6	8.1	7.1	6.8	6.9
19	12.2	11.6	11.9	9.4	8.7	8.9	---	---	---	7.1	6.7	6.9
20	12.2	10.9	11.7	9.3	8.6	8.9	---	---	---	7.0	6.6	6.8
21	10.9	10.2	10.6	9.0	8.4	8.7	---	---	---	6.9	6.5	6.7
22	10.9	10.3	10.6	9.4	8.4	9.0	---	---	---	6.9	6.3	6.6
23	11.2	10.6	10.9	10.1	9.2	9.6	---	---	---	6.6	6.3	6.5
24	11.3	10.9	11.2	10.5	9.5	9.9	---	---	---	6.9	6.3	6.6
25	11.3	10.8	11.1	10.1	8.8	9.5	---	---	---	7.3	6.3	6.8
26	12.2	10.9	11.5	9.2	8.5	8.9	---	---	---	6.8	6.4	6.5
27	13.3	12.2	13.0	9.3	8.0	8.6	---	---	---	---	---	---
28	13.3	12.6	13.0	8.7	7.9	8.2	---	---	---	6.9	6.4	6.7
29	13.0	12.4	12.7	8.6	7.8	8.1	---	---	---	7.3	6.5	6.8
30	---	---	---	8.5	7.8	8.2	---	---	---	7.1	6.4	6.7
31	---	---	---	8.9	8.3	8.6	---	---	---	7.0	6.4	6.8
MONTH	13.3	10.2	11.9	12.8	7.8	9.6	---	---	---	---	---	---

SANTEE RIVER BASIN

02160105 TYGER RIVER NEAR DELTA, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	7.4	6.6	6.9	7.1	6.7	6.9	6.9	6.4	6.6	6.9	6.5	6.8
2	---	---	---	7.3	6.8	7.0	6.9	6.6	6.7	7.0	6.7	6.9
3	7.6	6.4	7.0	7.2	6.8	7.0	6.9	6.5	6.7	7.7	6.8	7.2
4	6.6	6.3	6.4	7.0	6.7	6.9	7.1	6.4	6.7	7.4	7.2	7.3
5	6.8	6.2	6.4	7.0	6.5	6.8	6.9	6.4	6.6	7.7	7.1	7.4
6	6.9	6.2	6.5	7.0	6.4	6.7	---	---	---	7.3	7.0	7.2
7	---	---	---	7.1	6.6	6.8	---	---	---	7.2	6.7	7.0
8	---	---	---	7.1	6.7	6.9	8.0	6.9	7.4	6.7	6.0	6.2
9	---	---	---	7.3	6.8	7.1	7.4	6.7	7.1	6.3	6.0	6.1
10	---	---	---	7.0	6.8	7.0	7.3	6.8	7.0	6.6	6.2	6.5
11	---	---	---	7.3	6.8	7.0	7.3	6.6	6.9	6.5	6.0	6.2
12	---	---	---	7.3	6.9	7.1	7.0	6.7	6.8	7.0	6.2	6.7
13	---	---	---	---	---	---	7.1	6.6	6.8	7.0	6.9	7.0
14	---	---	---	7.2	6.8	6.9	6.8	6.6	6.7	7.4	7.0	7.2
15	---	---	---	7.1	6.7	6.9	6.9	6.7	6.8	7.3	7.1	7.2
16	---	---	---	7.4	6.9	7.2	7.1	6.6	6.8	7.3	7.0	7.2
17	---	---	---	7.6	6.9	7.3	---	---	---	7.3	7.0	7.1
18	---	---	---	7.2	6.9	7.1	---	---	---	7.4	7.0	7.2
19	7.4	6.6	7.0	7.1	7.0	7.0	---	---	---	8.8	7.1	8.2
20	7.2	6.7	6.9	7.3	7.0	7.1	---	---	---	9.6	8.7	9.1
21	7.2	6.8	7.0	7.4	6.9	7.2	---	---	---	9.8	9.4	9.6
22	7.1	6.2	6.5	7.2	6.7	7.0	---	---	---	10.0	9.3	9.6
23	6.9	6.1	6.5	7.4	6.8	7.1	---	---	---	9.7	9.0	9.4
24	7.0	6.7	6.8	7.8	6.9	7.3	---	---	---	9.5	9.0	9.3
25	7.0	6.5	6.8	7.7	7.0	7.3	---	---	---	10.2	8.8	9.3
26	7.4	7.0	7.1	7.5	7.1	7.3	---	---	---	9.6	9.1	9.3
27	7.5	7.0	7.2	7.7	7.1	7.3	---	---	---	9.5	8.8	9.2
28	7.4	7.1	7.2	7.6	6.8	7.1	7.0	6.4	6.7	9.2	6.9	8.2
29	7.3	6.8	7.1	7.3	6.8	7.0	7.0	6.6	6.8	7.6	6.8	7.2
30	7.1	6.7	7.0	7.2	6.7	7.1	7.1	6.4	6.7	7.7	6.2	7.2
31	---	---	---	6.9	6.6	6.8	6.9	6.4	6.6	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	10.2	6.0	7.7

SANTEE RIVER BASIN

02160200 ENOREE RIVER AT TAYLORS, SC

LOCATION.--Lat 34°55'25'', long 82°17'40'', Greenville County, Hydrologic Unit 03050108, on downstream side of bridge on county road 38, 0.6 mi downstream from Mountain Creek, at Taylors.

DRAINAGE AREA.--49.7 mi².

PERIOD OF RECORD.--March 1998 to current year.

GAGE.--Data collection platform. Elevation of gage is 827 ft above NGVD of 1929 (from topographic map).

REMARKS.--Records good except for estimated daily discharges, which are poor.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	47	51	64	62	61	65	78	64	36	57	e81	217
2	47	51	61	62	64	70	63	72	31	56	e65	143
3	46	51	59	62	169	71	61	69	29	54	e85	80
4	46	51	72	62	100	66	56	51	32	46	55	59
5	46	55	90	69	86	65	54	47	32	55	49	51
6	46	86	71	79	511	66	51	44	30	48	46	50
7	47	65	65	63	554	64	51	42	33	40	41	524
8	53	61	62	62	183	61	50	40	41	37	39	e1040
9	59	56	60	62	129	59	48	39	38	36	37	e520
10	54	54	192	61	108	60	47	41	33	34	36	162
11	60	54	191	60	96	59	47	38	30	77	35	109
12	56	54	108	60	124	59	54	38	28	68	191	84
13	52	54	93	60	104	57	121	38	31	54	82	72
14	53	50	220	59	93	57	80	38	61	41	56	67
15	60	52	139	59	102	58	62	37	88	37	48	61
16	51	51	106	59	97	61	71	36	70	34	44	68
17	50	52	114	59	86	59	51	36	44	61	44	344
18	51	53	95	65	82	56	49	57	41	91	51	152
19	50	356	87	e61	80	56	46	44	40	49	42	91
20	51	151	81	e58	76	56	45	39	37	41	40	71
21	50	94	76	e57	76	59	44	36	54	37	48	64
22	52	79	74	e56	73	55	41	35	52	36	49	59
23	49	70	73	e55	71	54	41	34	45	35	40	56
24	49	78	76	55	70	54	41	36	39	33	51	53
25	49	75	71	62	69	53	41	32	136	32	62	52
26	52	66	68	69	69	53	44	31	186	32	40	50
27	95	64	67	63	74	53	54	30	73	53	37	163
28	64	89	65	65	69	53	43	29	59	127	35	1000
29	56	82	64	64	66	52	42	29	53	e614	34	213
30	52	68	69	64	---	62	42	31	53	e342	33	128
31	51	---	64	64	---	97	---	43	---	e126	31	---
TOTAL	1644	2273	2797	1918	3542	1870	1618	1276	1555	2483	1627	5803
MEAN	53.0	75.8	90.2	61.9	122	60.3	53.9	41.2	51.8	80.1	52.5	193
MAX	95	356	220	79	554	97	121	72	186	614	191	1040
MIN	46	50	59	55	61	52	41	29	28	32	31	50
CFSM	1.07	1.52	1.82	1.24	2.46	1.21	1.09	0.83	1.04	1.61	1.06	3.89
IN.	1.23	1.70	2.09	1.44	2.65	1.40	1.21	0.96	1.16	1.86	1.22	4.34

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2004, BY WATER YEAR (WY)

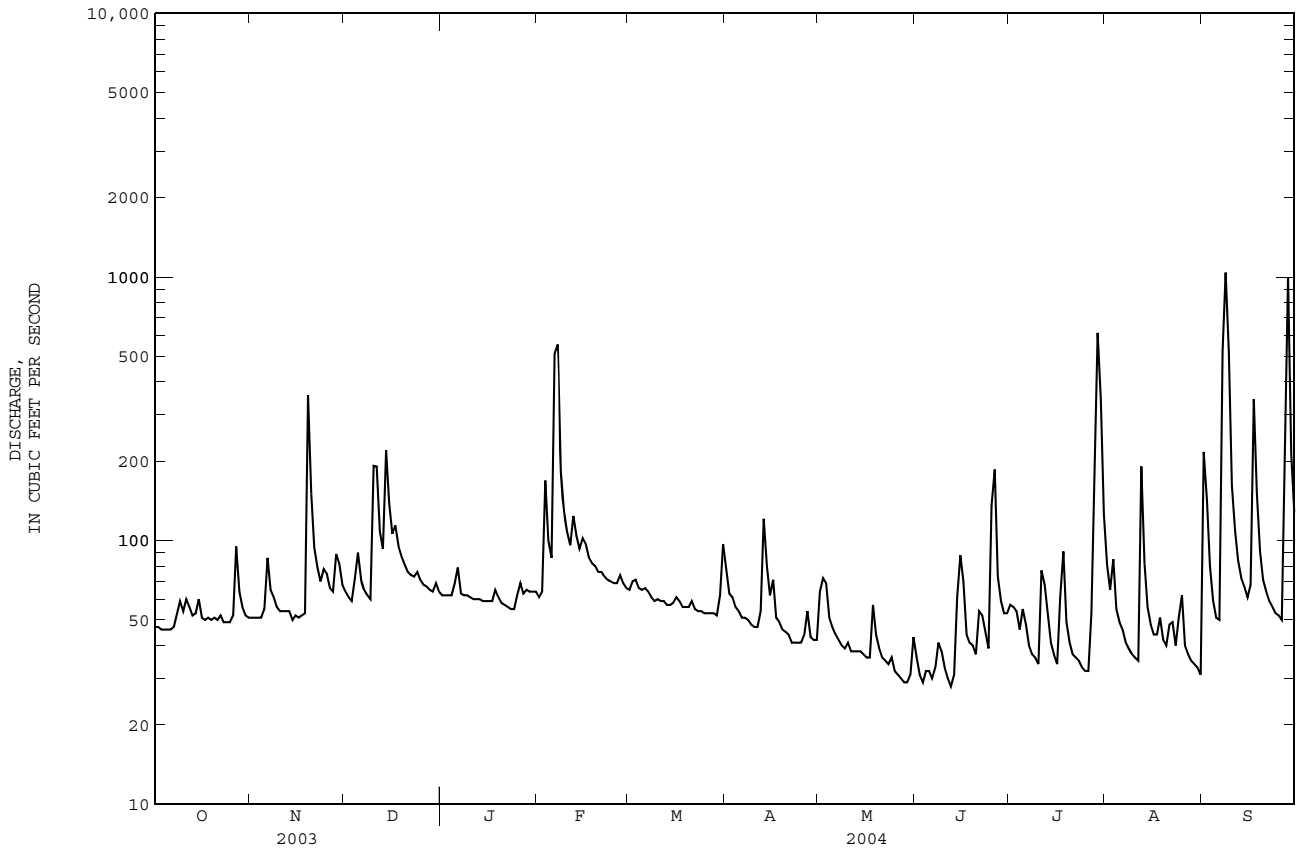
	1998	1999	2000	2001	2002	2003	2004
MEAN	52.2	52.0	76.4	67.4	80.0	107	96.1
MAX	108	83.2	163	76.4	122	213	180
(WY)	2003	2003	2003	2003	2004	2003	2003
MIN	14.5	26.9	39.2	54.0	44.1	56.6	38.1
(WY)	2001	2002	2002	2001	2001	1999	2002

02160200 ENOREE RIVER AT TAYLORS, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1998 - 2004	
ANNUAL TOTAL	47396		28406		67.3	
ANNUAL MEAN	130		77.6		141 2003	
HIGHEST ANNUAL MEAN					36.9 2002	
LOWEST ANNUAL MEAN					e 2000 Mar 20 2003	
HIGHEST DAILY MEAN	e 2000	Mar 20	e 1040	Sep 8	2.3 Aug 14 2002	
LOWEST DAILY MEAN	46	Oct 3	28	Jun 12	3.1 Aug 9 2002	
ANNUAL SEVEN-DAY MINIMUM	46	Oct 1	31	May 24	5600 Mar 20 2003	
MAXIMUM PEAK FLOW			Unknown Sep 8		a 13.77 Mar 20 2003	
MAXIMUM PEAK STAGE			Unknown Sep 8		1.35	
ANNUAL RUNOFF (CFSM)	2.61		1.56		18.40	
ANNUAL RUNOFF (INCHES)	35.48		21.26		121	
10 PERCENT EXCEEDS	204		107		48	
50 PERCENT EXCEEDS	93		57		15	
90 PERCENT EXCEEDS	54		36			

a From floodmarks.

e Estimated



SANTEE RIVER BASIN

02160326 ENOREE RIVER AT PELHAM, SC

LOCATION.--Lat 34°51'23'', long 82°13'35'', Spartanburg County, Hydrologic Unit 03050108, near left bank, on downstream side of bridge on S.C. Highway 14, 0.5 mi downstream from Brushy Creek, at Pelham, and at mile 81.2.

DRAINAGE AREA.--84.2 mi².

PERIOD OF RECORD.--March 1993 to current year.

GAGE.--Data collection platform. Elevation of gage is 730 ft above NGVD of 1929 (from topographic map).

REMARKS.--Records fair except for estimated daily discharges and discharges in August and September, which are poor.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	91	87	111	110	110	128	e151	168	83	114	137	193
2	91	87	104	110	119	132	e115	182	68	112	122	206
3	88	88	101	110	325	139	e108	138	64	126	148	115
4	87	89	125	112	176	e126	e102	102	67	103	e95	78
5	86	94	154	130	147	113	e97	92	67	105	72	65
6	86	184	120	147	583	113	e95	87	62	105	68	82
7	88	121	109	118	941	112	e95	79	71	86	61	753
8	130	110	105	114	327	107	e94	74	143	101	56	3000
9	141	96	103	116	222	103	e93	72	93	91	56	1230
10	107	92	295	111	185	103	e92	74	88	82	55	302
11	120	92	340	107	166	101	e94	74	71	114	54	184
12	106	91	189	108	261	102	e107	73	71	237	631	142
13	97	93	169	106	198	98	e226	73	87	154	239	124
14	94	86	430	106	177	98	e161	73	254	97	105	117
15	99	87	252	107	226	101	e123	71	289	81	85	108
16	91	87	189	103	198	107	125	66	e190	72	79	117
17	89	103	194	104	163	104	102	76	e130	216	76	955
18	89	94	167	124	153	98	96	241	e110	302	83	374
19	88	637	148	115	154	99	93	167	107	154	74	172
20	89	332	139	105	144	100	93	93	95	91	65	134
21	87	169	131	102	137	113	93	83	168	79	88	119
22	88	137	130	102	130	104	89	77	151	74	81	110
23	84	123	125	101	126	99	83	75	132	72	67	104
24	84	142	129	100	128	99	80	75	112	112	71	99
25	83	133	122	116	125	e99	79	70	227	123	92	94
26	85	113	115	131	135	e99	85	69	418	80	65	92
27	214	108	114	129	170	e98	103	67	148	135	60	360
28	117	153	113	130	150	e98	81	65	115	160	57	2070
29	99	147	113	122	131	e100	78	63	104	375	55	561
30	91	116	121	120	---	e134	79	65	109	787	55	251
31	89	---	114	116	---	e192	---	115	---	216	52	---
TOTAL	3078	4091	4871	3532	6207	3419	3112	2899	3894	4756	3104	12311
MEAN	99.3	136	157	114	214	110	104	93.5	130	153	100	410
MAX	214	637	430	147	941	192	226	241	418	787	631	3000
MIN	83	86	101	100	110	98	78	63	62	72	52	65
CFSM	1.18	1.62	1.87	1.35	2.54	1.31	1.23	1.11	1.54	1.82	1.19	4.87
IN.	1.36	1.81	2.15	1.56	2.74	1.51	1.37	1.28	1.72	2.10	1.37	5.44

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 2004, BY WATER YEAR (WY)

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
MEAN	117	121	151	193	209	214	181	154	125	116	148	122
MAX	226	252	287	367	387	384	323	367	245	278	529	410
(WY)	1996	1996	2003	1998	1998	2003	1998	2003	2003	2003	1995	2004
MIN	33.6	62.5	82.4	105	95.7	110	86.6	62.9	44.7	54.3	37.9	46.7
(WY)	2001	2002	2002	2001	2001	2004	2002	2001	2002	2000	1999	1999

02160326 ENOREE RIVER AT PELHAM, SC--Continued

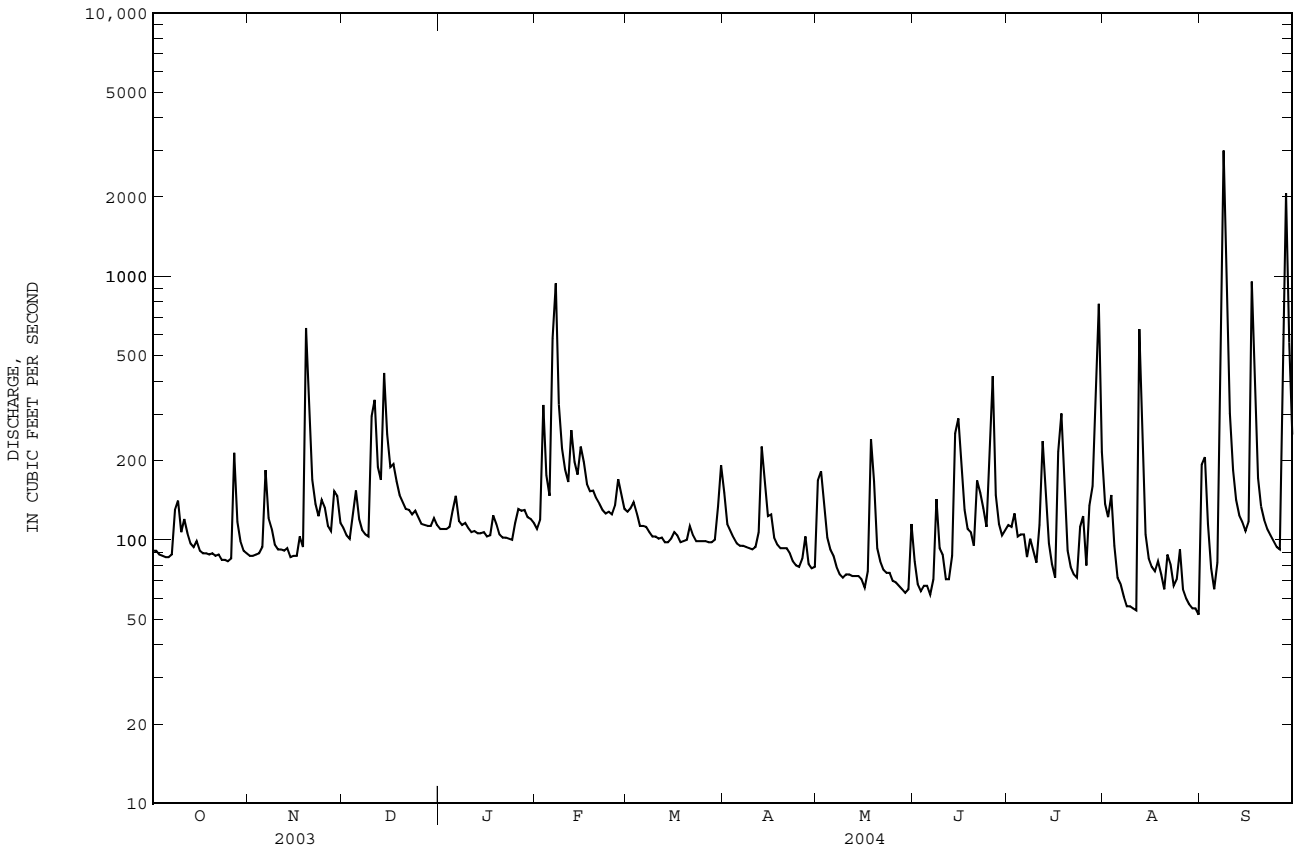
SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1993 - 2004	
ANNUAL TOTAL	82959		55274		154	
ANNUAL MEAN	227		151		246	
HIGHEST ANNUAL MEAN					2003	
LOWEST ANNUAL MEAN					85.5	
HIGHEST DAILY MEAN	3340	Mar 20	3000	Sep 8	8500	Aug 27 1995
LOWEST DAILY MEAN	83	Oct 25	52	Aug 31	16	a Sep 18 1999
ANNUAL SEVEN-DAY MINIMUM	86	Oct 20	60	Aug 5	19	Sep 14 1999
MAXIMUM PEAK FLOW			3380	Sep 8	b 11300	Aug 27 1995
MAXIMUM PEAK STAGE			13.06	Sep 8	c 22.98	Aug 27 1995
ANNUAL RUNOFF (CFSM)	2.70		1.79		1.83	
ANNUAL RUNOFF (INCHES)	36.65		24.42		24.89	
10 PERCENT EXCEEDS	373		216		254	
50 PERCENT EXCEEDS	162		107		107	
90 PERCENT EXCEEDS	93		73		49	

a Also occurred Sep. 19, 1999.

b From rating curve extended above 3,000 ft³/s on basis of contractd-opening and flow-over-road measurement of peak flow.

c From floodmarks.

e Estimated



SANTEE RIVER BASIN

02160381 DURBIN CREEK ABOVE FOUNTAIN INN, SC

LOCATION.--Lat 34°42'45"', long 82°09'42"', Laurens County, Hydrologic Unit 03050108, at Durbin Creek Treatment Plant, off State Road 418, approximately 2.5 mi northeast of Fountain Inn.

DRAINAGE AREA.--14.0 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--July 1994 to current year.

GAGE.--Data collection platform. Elevation of gage is 640 ft above NGVD of 1929 (from topographic map).

REMARKS.--Records good except for estimated daily discharges and those above 140 cfs, which are poor.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.3	8.4	9.1	8.7	10	14	11	29	4.1	8.9	5.2	6.4
2	6.3	8.4	8.9	9.1	11	14	10	21	3.6	9.9	5.9	8.1
3	5.9	8.3	9.9	9.5	28	13	9.6	11	3.3	19	5.1	4.6
4	6.8	8.3	12	9.4	14	13	9.6	8.8	3.7	10	5.5	4.3
5	6.6	8.6	12	13	13	13	9.3	8.4	4.2	31	3.3	4.0
6	6.7	9.9	9.9	11	63	13	9.1	7.7	4.3	31	3.7	4.4
7	8.3	9.4	9.4	9.4	35	12	9.0	7.3	3.8	11	3.2	130
8	12	9.8	9.3	9.4	20	11	9.2	7.0	6.4	61	3.8	306
9	11	8.6	9.2	10	17	12	8.8	6.7	9.4	32	3.3	e28
10	11	8.4	33	9.8	15	11	8.8	6.4	7.4	13	2.5	e16
11	17	8.4	19	9.3	14	11	8.8	5.5	5.5	10	2.6	e11
12	10	8.4	13	9.2	28	11	10	7.3	4.0	9.8	28	e9.3
13	8.7	8.1	13	9.3	18	10	37	7.6	4.7	9.0	8.2	e8.6
14	8.4	8.0	29	9.5	20	10	15	7.0	6.6	7.9	10	e8.0
15	8.0	8.5	16	9.1	38	11	12	6.7	10	7.2	6.6	e8.4
16	8.0	8.3	14	8.7	27	11	11	6.4	8.5	6.8	5.8	8.7
17	7.9	9.0	14	9.1	19	10	10	6.2	5.2	12	6.0	30
18	7.9	8.8	12	12	17	9.9	9.6	7.6	4.3	15	5.8	11
19	7.8	52	11	9.5	16	10	9.2	6.7	3.2	8.0	4.5	9.0
20	7.3	15	11	8.9	15	9.7	8.4	6.3	3.3	6.7	3.7	8.0
21	6.6	11	10	8.8	14	12	7.4	6.0	36	6.3	3.8	7.6
22	6.5	10	10	8.9	13	9.7	6.8	5.7	17	6.0	4.6	7.2
23	6.7	9.9	10	8.9	13	9.5	7.0	5.6	7.8	5.8	4.5	7.1
24	7.4	11	10	8.8	13	9.4	7.0	5.3	8.6	5.2	6.2	6.9
25	7.6	10	9.8	12	12	9.7	7.3	4.9	25	5.2	4.8	6.6
26	8.0	9.6	9.7	11	14	9.1	8.2	4.6	77	6.0	3.3	6.4
27	31	9.5	9.8	12	18	9.4	8.4	4.5	11	7.2	3.5	e520
28	11	12	9.5	12	16	9.4	7.5	3.8	9.5	5.1	4.1	e785
29	9.7	9.7	9.5	11	15	9.2	6.6	3.1	7.6	6.0	4.0	36
30	8.9	9.2	9.6	11	---	14	6.1	5.4	8.2	6.0	3.7	23
31	8.6	---	9.3	10	---	17	---	5.8	---	6.0	3.2	---
TOTAL	284.9	324.5	381.9	308.3	566	348.0	297.7	235.3	313.2	384.0	168.4	2029.6
MEAN	9.19	10.8	12.3	9.95	19.5	11.2	9.92	7.59	10.4	12.4	5.43	67.7
MAX	31	52	33	13	63	17	37	29	77	61	28	785
MIN	5.9	8.0	8.9	8.7	10	9.1	6.1	3.1	3.2	5.1	2.5	4.0
CFSM	0.66	0.77	0.88	0.71	1.39	0.80	0.71	0.54	0.75	0.88	0.39	4.83
IN.	0.76	0.86	1.01	0.82	1.50	0.92	0.79	0.63	0.83	1.02	0.45	5.39

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1994 - 2004, BY WATER YEAR (WY)

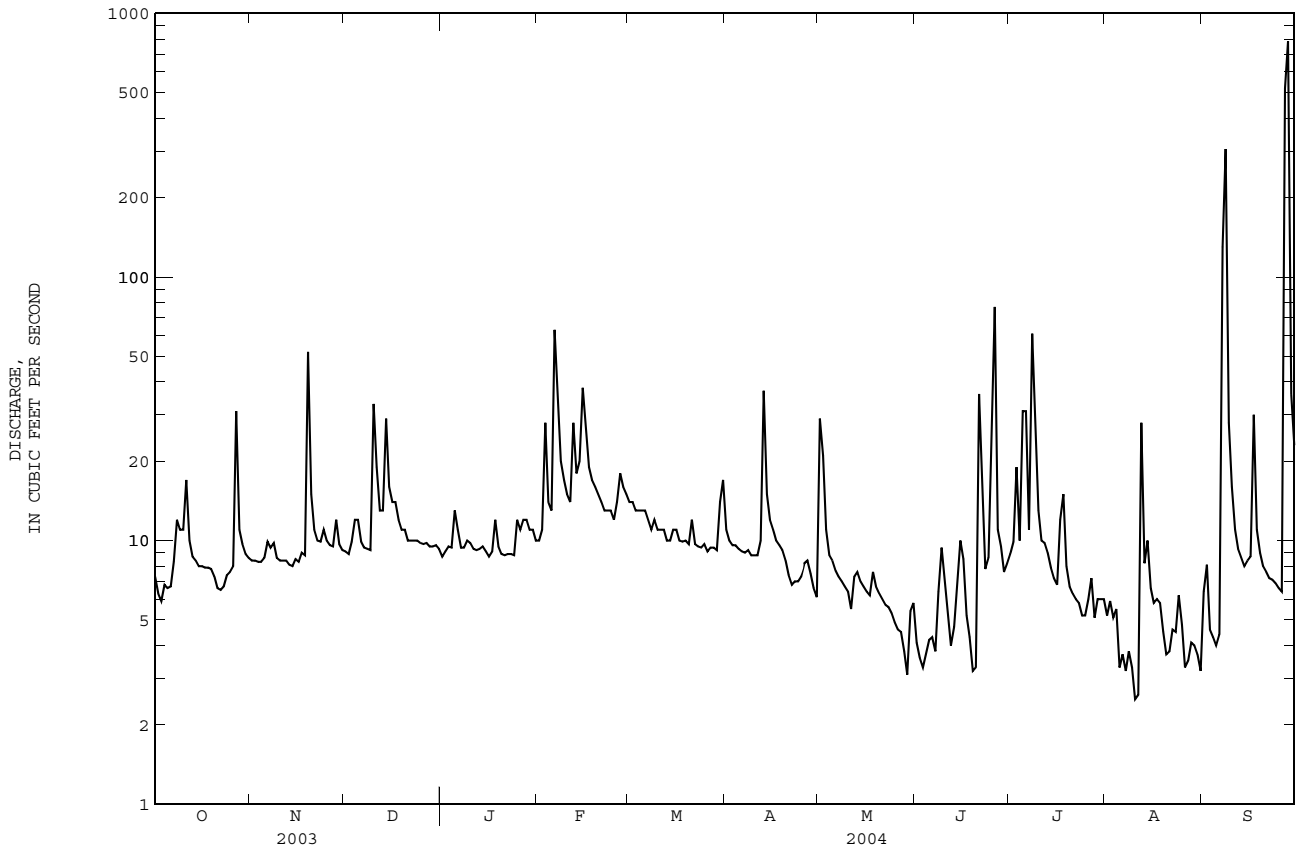
	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	
MEAN	11.5	12.8	15.2	21.7	25.7	26.2	20.1	13.6	10.6	9.20	13.5	15.2
MAX	24.8	23.5	25.0	47.3	51.4	40.9	57.2	33.2	20.2	18.0	61.5	67.7
(WY)	2000	1996	2003	1995	1998	2003	1998	2003	2003	2003	1995	2004
MIN	4.07	6.52	7.55	9.50	8.16	11.2	9.92	5.91	3.48	2.31	0.72	3.63
(WY)	2001	2002	2002	2001	2001	2004	2004	2001	2000	2002	2002	1999

02160381 DURBIN CREEK ABOVE FOUNTAIN INN, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1994 - 2004	
ANNUAL TOTAL	7230.0		5641.8			
ANNUAL MEAN	19.8		15.4		16.2	
HIGHEST ANNUAL MEAN					26.2	1998
LOWEST ANNUAL MEAN					8.90	2002
HIGHEST DAILY MEAN	424	Mar 20	e 785	Sep 28	e 800	Aug 27 1995
LOWEST DAILY MEAN	4.7	Sep 19	2.5	Aug 10	0.15	Aug 13 2002
ANNUAL SEVEN-DAY MINIMUM	5.8	Sep 15	3.2	Aug 5	0.27	Aug 9 2002
MAXIMUM PEAK FLOW			Unknown	Sep 27	Unknown	Aug 27 1995
MAXIMUM PEAK STAGE			10.33	Sep 27	a 14.58	Aug 27 1995
ANNUAL RUNOFF (CFSM)	1.41		1.10		1.16	
ANNUAL RUNOFF (INCHES)	19.21		14.99		15.72	
10 PERCENT EXCEEDS	31		17		26	
50 PERCENT EXCEEDS	14		9.2		10	
90 PERCENT EXCEEDS	8.0		4.6		4.3	

a From floodmarks.

e Estimated



SANTEE RIVER BASIN

02160381 DURBIN CREEK ABOVE FOUNTAIN INN, SC--Continued

PRECIPITATION RECORDS

PERIOD OF RECORD.--May 2001 to current year.

INSTRUMENTATION.--Tipping bucket raingage and data collection platform.

REMARKS.--Precipitation data collected during freezing periods may not be accurately reflected in daily record; consequently, winter record is poor.

Precipitation, total, inches
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.79	0.00	0.07	0.00	0.01
2	0.00	0.00	0.00	0.00	0.53	0.00	0.00	0.64	0.00	0.23	0.19	0.15
3	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.01	0.01	0.00
4	0.00	0.02	0.41	0.00	0.00	0.00	0.00	0.00	0.19	0.00	0.00	0.00
5	0.00	0.00	0.00	0.34	0.05	0.00	0.00	0.00	0.00	1.23	0.00	0.00
6	0.00	0.05	0.01	0.00	1.13	0.01	0.00	0.00	0.00	0.01	0.00	0.08
7	0.23	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.10	0.01	0.00	3.92
8	0.54	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.32	0.00	1.27
9	0.04	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.26	0.01	0.00	0.00
10	0.34	0.00	0.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.22	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.03	0.00	0.00
12	0.00	0.00	0.00	0.00	0.55	0.00	0.39	0.54	0.02	0.19	1.74	0.00
13	0.00	0.00	0.40	0.00	0.00	0.00	0.84	0.00	0.07	0.01	0.00	0.00
14	0.00	0.00	0.09	0.00	0.26	0.00	0.00	0.00	0.16	0.00	0.83	0.00
15	0.00	0.00	0.00	0.00	0.43	0.01	0.00	0.00	0.64	0.00	0.01	0.00
16	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.01	0.00	0.00	0.30
17	0.00	0.08	0.08	0.05	0.00	0.00	0.00	0.00	0.00	0.54	0.59	0.97
18	0.00	0.36	0.00	0.18	0.01	0.04	0.00	0.03	0.00	0.01	0.00	0.00
19	0.00	0.99	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.19	0.00	0.00	0.00	0.01	0.05	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.56	0.00	0.01	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.46	0.00	0.00	0.00
24	0.01	0.11	0.01	0.00	0.01	0.00	0.00	0.00	0.12	0.00	0.91	0.00
25	0.00	0.00	0.00	0.24	0.00	0.00	0.00	0.00	1.50	0.00	0.00	0.00
26	0.13	0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.10	0.35	0.00	0.00
27	0.87	0.03	0.00	0.02	0.31	0.00	0.01	0.00	0.20	0.21	0.00	4.56
28	0.07	0.07	0.00	0.28	0.32	0.00	0.00	0.01	0.03	0.00	0.00	0.43
29	0.00	0.00	0.00	0.21	0.01	0.00	0.00	0.00	0.00	0.06	0.00	0.00
30	0.00	0.00	0.02	0.01	---	0.77	0.02	0.32	0.22	0.09	0.00	0.00
31	0.00	---	0.00	0.00	---	0.06	---	0.15	---	0.00	0.17	---
TOTAL	2.45	1.72	1.83	1.45	3.64	1.13	1.46	2.48	4.67	3.39	4.51	11.69

SANTEE RIVER BASIN

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02160390 ENOREE RIVER NEAR WOODRUFF, SC

LOCATION.--Lat 34°41'00'', long 82°02'24'', Spartanburg County-Laurens County Line, Hydrologic Unit 03050108, on downstream side of bridge on S.C. Highway 202, 0.7 mi downstream from Durbin Creek, and 4.0 mi south of Woodruff, and at mi 58.7.

DRAINAGE AREA.--249 mi².

PERIOD OF RECORD.--March 1993 to current year.

GAGE.--Data collection platform. Elevation of gage is 542 ft above NGVD of 1929 (from topographic map).

REMARKS.--Records good except for estimated daily discharges, which are poor.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	206	208	257	252	247	326	328	341	222	242	287	123
2	204	205	245	248	241	315	272	512	153	229	229	447
3	199	204	237	250	573	317	246	378	136	328	240	280
4	195	203	245	250	464	307	240	273	129	252	235	191
5	194	209	333	256	348	298	229	236	136	206	183	159
6	191	241	295	327	669	293	223	219	131	382	188	141
7	194	336	261	276	1780	293	220	206	125	229	159	658
8	215	243	246	251	905	279	220	195	241	186	145	4800
9	349	237	239	253	537	272	218	186	231	428	138	4530
10	270	220	330	253	446	269	212	182	227	219	133	967
11	295	216	827	242	397	264	210	180	166	181	129	561
12	287	214	453	239	491	261	251	178	140	246	407	421
13	237	212	354	238	561	258	591	186	134	462	878	357
14	225	206	751	234	422	251	634	177	155	239	315	322
15	217	199	635	235	528	253	353	172	552	188	233	293
16	217	202	434	232	673	264	299	168	422	166	200	278
17	208	206	387	229	446	271	287	163	259	159	186	1110
18	206	240	384	246	390	253	258	191	185	918	182	975
19	205	913	338	265	363	248	244	392	171	441	180	438
20	203	878	317	238	352	242	234	219	169	261	164	330
21	200	428	300	227	335	255	224	185	251	208	164	288
22	197	332	291	225	321	e232	218	170	699	187	176	264
23	194	298	287	224	308	e224	212	161	272	172	167	248
24	190	282	284	222	302	232	207	156	221	161	155	236
25	189	323	282	231	299	232	203	153	196	272	198	226
26	189	277	269	290	300	231	202	146	966	192	172	216
27	409	259	262	266	351	229	228	141	420	233	145	520
28	337	260	261	293	391	228	217	137	275	221	136	6420
29	248	367	259	278	353	225	195	133	232	248	131	2840
30	224	279	261	265	---	235	191	133	207	974	128	823
31	214	---	265	256	---	353	---	150	---	497	134	---
TOTAL	7108	8897	10589	7791	13793	8210	7866	6419	7823	9327	6517	29462
MEAN	229	297	342	251	476	265	262	207	261	301	210	982
MAX	409	913	827	327	1780	353	634	512	966	974	878	6420
MIN	189	199	237	222	241	224	191	133	125	159	128	123
CFSM	0.92	1.19	1.37	1.01	1.91	1.06	1.05	0.83	1.05	1.21	0.84	3.94
IN.	1.06	1.33	1.58	1.16	2.06	1.23	1.18	0.96	1.17	1.39	0.97	4.40

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 2004, BY WATER YEAR (WY)

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
MEAN	263	297	373	454	523	627	469	364	277	249	315	304
MAX	494	728	675	862	1041	1228	1040	971	581	571	1161	982
(WY)	1996	1996	2003	1998	1998	1993	1998	2003	2003	2003	1995	2004
MIN	78.9	153	181	236	210	265	219	151	104	119	81.8	98.2
(WY)	2001	2002	2002	2001	2001	2004	2002	2001	2002	2002	1999	1999

SANTEE RIVER BASIN

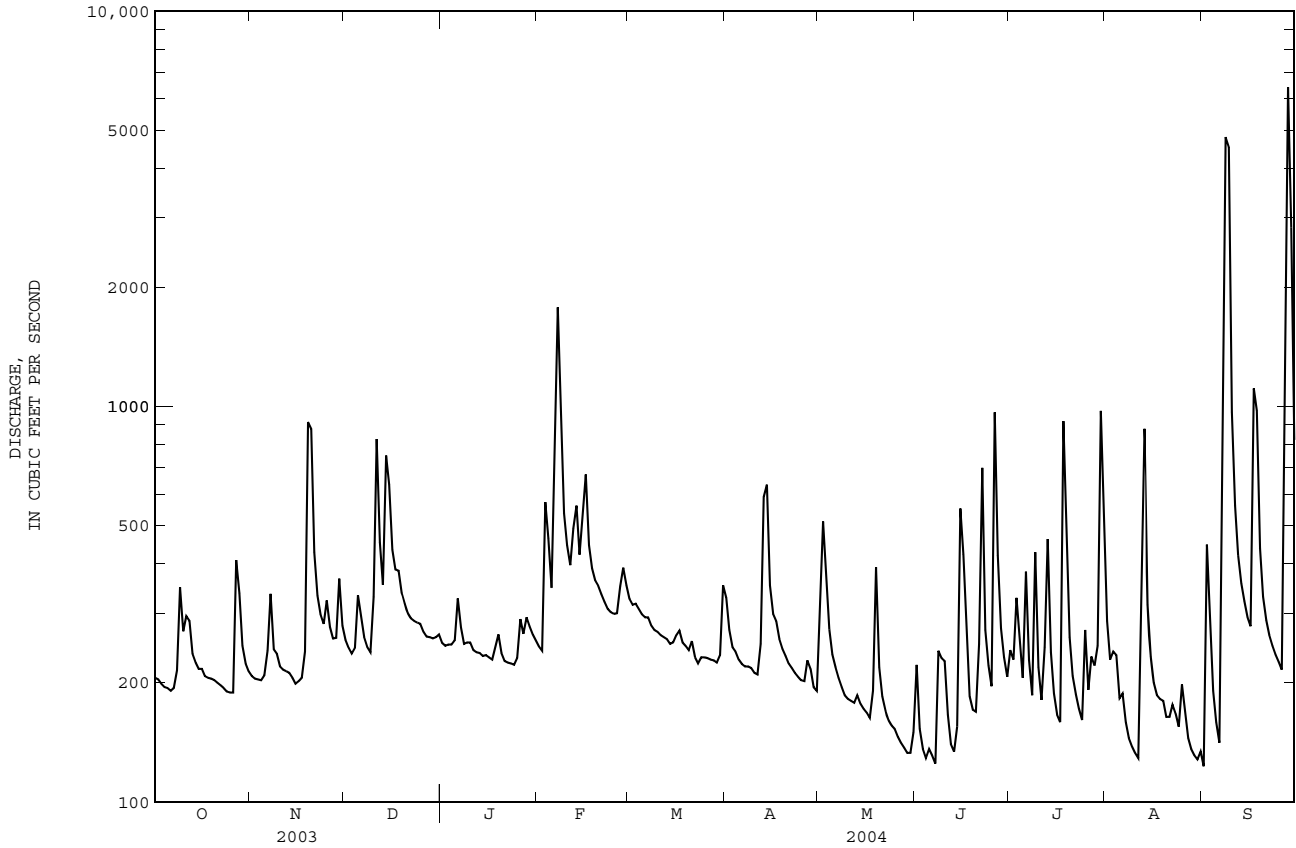
02160390 ENOREE RIVER NEAR WOODRUFF, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1993 - 2004	
ANNUAL TOTAL	204066		123802			
ANNUAL MEAN	559		338		372	
HIGHEST ANNUAL MEAN					603	2003
LOWEST ANNUAL MEAN					213	2002
HIGHEST DAILY MEAN	7260	Mar 21	6420	Sep 28	20000	Aug 27 1995
LOWEST DAILY MEAN	189	Oct 25	123	Sep 1	34	Aug 13 2002
ANNUAL SEVEN-DAY MINIMUM	195	Oct 20	138	Aug 26	36	Aug 9 2002
MAXIMUM PEAK FLOW			7510	Sep 28	a 52200	Aug 27 1995
MAXIMUM PEAK STAGE			16.31	Sep 28	b 29.90	Aug 27 1995
ANNUAL RUNOFF (CFSM)	2.25		1.36		1.49	
ANNUAL RUNOFF (INCHES)	30.49		18.50		20.31	
10 PERCENT EXCEEDS	929		463		612	
50 PERCENT EXCEEDS	387		242		257	
90 PERCENT EXCEEDS	217		164		119	

a From rating curve extended above 5,690 ft³/s and on basis of contracted-opening measurement of peak flow.

b From floodmarks.

e Estimated

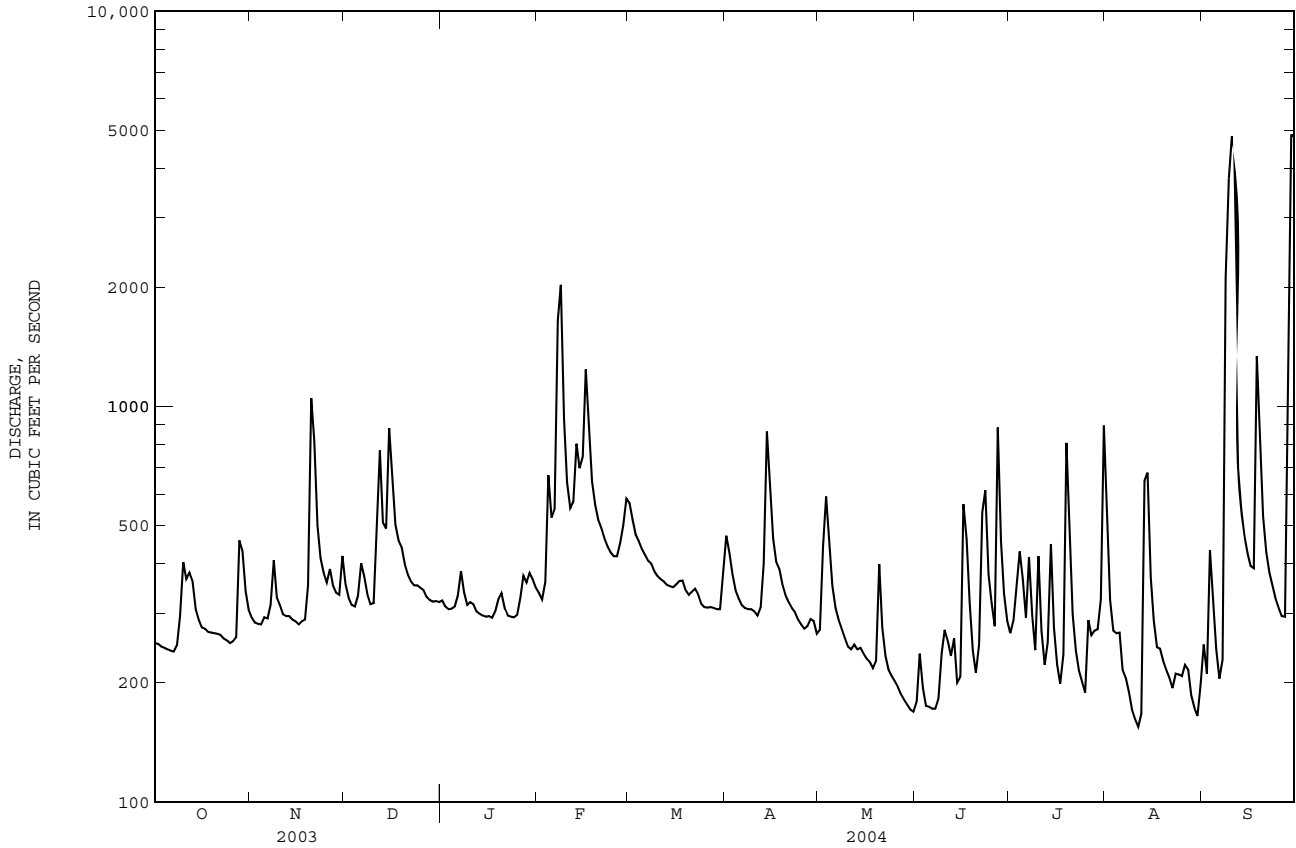


SANTEE RIVER BASIN

02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1974 - 2004	
ANNUAL TOTAL	285083		153912			
ANNUAL MEAN	781		421		554	
HIGHEST ANNUAL MEAN					859 1984	
LOWEST ANNUAL MEAN					267 1988	
HIGHEST DAILY MEAN	7910	Mar 22	4860	a Sep 29	22700	Aug 29 1995
LOWEST DAILY MEAN	237	Sep 21	155	Aug 11	30	c Aug 14 2002
ANNUAL SEVEN-DAY MINIMUM	245	Oct 2	180	May 26	32	Aug 10 2002
MAXIMUM PEAK FLOW			6590 Sep 30		31200 Aug 28 1995	
MAXIMUM PEAK STAGE			26.83 Sep 30		37.32 Aug 28 1995	
INSTANTANEOUS LOW FLOW			152 b Aug 11		26 Aug 15 2002	
ANNUAL RUNOFF (CFSM)	1.76		0.947		1.25	
ANNUAL RUNOFF (INCHES)	23.89		12.90		16.95	
10 PERCENT EXCEEDS	1440		577		984	
50 PERCENT EXCEEDS	503		316		378	
90 PERCENT EXCEEDS	283		211		164	

a Also occurred Sep. 30.
 b Also occurred Aug. 12.
 c Also occurred Aug. 15, 2002.



02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1974 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1973 to current year.

pH: October 1973 to current year.

WATER TEMPERATURE: October 1973 to current year.

DISSOLVED OXYGEN: October 1973 to current year.

INSTRUMENTATION.--USGS mini-monitor and data collection platform.

REMARKS.--Specific conductance records rated excellent except for Nov. 24, 25, Jan 22 to Feb. 1, June 3, which are good, Feb. 2, which is fair. pH records rated poor. Temperature records rated excellent. Dissolved oxygen records rated good except for Dec. 15-23, Jan. 15, May 11, which are fair, May 12-19, July 3-7, Aug. 29-31, which are poor.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 216 microsiemens Aug. 17, 2002; minimum, 21 microsiemens, Feb. 28, 1984.

pH: Maximum, 8.7 units Aug. 11, 2002; minimum, 5.0 units Jul. 4, 1987.

WATER TEMPERATURE: Maximum, 32.5°C Jul. 19-21, 1986; minimum, <0.5°C many days, many years.

DISSOLVED OXYGEN: Maximum, 14.4 mg/L Jan. 20, 1976; minimum, 2.0 mg/L Sep. 6, 1981.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 142 microsiemens, Jan. 31; minimum, 34 microsiemens, Sep. 29.

pH: Maximum, 8.2 units, Feb. 12; minimum, 5.8 units, Nov. 21.

WATER TEMPERATURE: Maximum, 30.1°C, Aug. 4; minimum, 1.6°C, Jan. 28.

DISSOLVED OXYGEN: Maximum, 13.3 mg/L, Jan. 11; minimum, 5.4 mg/L, Sep. 11.

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	102	92	97	98	89	93	85	72	77	90	75	80
2	99	92	96	98	93	95	82	75	77	84	77	79
3	101	94	98	102	95	98	90	77	81	90	78	80
4	101	94	97	100	94	96	85	80	82	85	79	81
5	103	96	100	101	96	98	86	82	84	80	76	78
6	104	100	102	102	96	98	101	85	89	79	75	77
7	102	99	101	101	96	98	93	81	86	79	75	76
8	100	97	98	102	98	100	98	80	85	77	71	74
9	98	94	96	98	89	94	99	82	87	76	72	74
10	96	92	94	95	90	92	88	84	86	83	76	80
11	93	85	88	99	94	96	94	80	85	88	82	85
12	89	84	86	101	94	97	81	57	66	89	83	85
13	93	86	90	101	96	98	62	58	60	88	85	86
14	92	88	90	101	98	99	69	62	66	91	84	87
15	97	90	93	103	96	99	97	55	70	90	82	85
16	97	92	94	110	103	107	58	52	56	92	79	84
17	99	94	96	112	106	108	71	50	59	90	83	86
18	102	97	99	111	107	109	70	63	67	97	85	88
19	103	97	99	110	92	97	76	69	73	102	85	90
20	103	98	101	92	58	79	79	74	76	97	87	91
21	104	100	101	69	56	63	83	79	80	93	82	88
22	104	98	101	76	64	70	87	80	83	95	82	87
23	102	97	99	82	72	77	88	79	83	97	82	88
24	101	96	98	88	80	84	95	76	82	99	87	90
25	102	98	99	95	83	88	90	77	81	93	87	90
26	103	100	102	92	84	87	86	77	79	92	87	90
27	104	101	103	86	79	83	90	78	81	98	89	92
28	103	95	100	88	80	82	91	77	81	103	82	91
29	95	76	86	88	80	84	84	74	78	101	84	90
30	84	76	80	93	84	87	90	73	78	136	91	108
31	93	82	87	---	---	---	85	75	79	142	120	132
MONTH	104	76	96	112	56	92	101	50	77	142	71	87

SANTEE RIVER BASIN

02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	18.5	16.0	17.2	15.9	13.7	14.7	9.0	7.1	7.9	6.5	4.6	5.5
2	18.6	16.7	17.4	16.3	13.9	15.0	8.4	6.8	7.5	6.7	5.5	6.1
3	17.0	15.1	16.0	16.6	14.2	15.3	7.2	6.4	6.7	8.8	6.4	7.5
4	17.0	14.6	15.9	17.1	15.5	16.2	6.6	6.0	6.3	11.0	8.8	10.0
5	17.8	15.3	16.5	18.6	16.7	17.5	6.3	5.8	6.1	13.0	10.8	12.1
6	18.3	16.8	17.6	19.9	18.0	18.8	7.4	5.7	6.3	12.8	10.0	11.7
7	19.2	18.0	18.6	20.1	18.6	19.3	6.6	5.2	5.7	10.0	6.9	8.3
8	18.7	18.1	18.4	19.1	17.4	18.4	6.7	4.5	5.3	6.9	6.0	6.4
9	19.0	18.4	18.7	17.4	14.7	16.3	6.4	4.5	5.4	6.4	5.7	6.1
10	18.8	18.3	18.5	14.7	12.7	13.6	7.2	5.6	6.5	5.7	4.6	5.3
11	18.7	18.2	18.5	13.7	11.6	12.6	8.0	6.7	7.2	5.0	3.8	4.3
12	19.8	18.3	18.9	14.8	12.2	13.5	7.8	6.9	7.4	5.5	3.5	4.4
13	20.0	18.4	19.2	15.4	13.1	14.4	6.9	6.0	6.5	6.5	4.4	5.3
14	20.0	19.3	19.6	13.1	10.7	11.8	6.0	5.3	5.7	6.5	4.6	5.5
15	19.4	17.2	18.4	12.1	10.3	11.0	7.2	4.9	5.9	7.8	5.8	6.4
16	17.6	15.6	16.5	12.6	10.5	11.6	6.2	5.6	5.8	6.7	5.2	5.8
17	16.3	14.8	15.7	14.5	12.3	13.3	7.6	5.8	6.4	5.7	4.5	5.2
18	16.7	14.9	15.7	15.4	13.6	14.4	6.6	5.7	6.0	7.6	5.6	6.5
19	16.6	14.3	15.4	16.8	15.4	16.0	6.6	5.8	6.1	8.4	6.4	7.2
20	17.0	14.6	15.7	16.1	14.8	15.6	5.8	4.5	5.3	6.4	4.6	5.6
21	17.3	15.0	16.2	15.5	13.6	14.5	4.5	3.4	3.9	4.9	3.6	4.3
22	17.9	15.8	16.6	13.8	12.5	13.1	4.3	2.8	3.5	5.3	3.1	4.1
23	16.2	14.7	15.5	13.2	11.7	12.4	5.1	3.2	4.1	5.8	3.5	4.5
24	15.7	13.8	14.6	13.0	12.0	12.5	7.9	5.1	6.4	6.4	3.8	4.9
25	15.4	13.3	14.3	12.1	9.7	10.8	6.8	5.3	6.0	5.8	4.0	5.3
26	15.6	14.3	15.0	10.3	8.7	9.4	5.9	4.3	4.9	4.0	2.4	3.0
27	16.5	15.5	16.0	10.4	9.1	9.7	5.3	3.5	4.2	3.1	2.3	2.6
28	16.1	15.4	15.8	12.1	10.4	11.1	5.3	3.3	4.1	3.8	1.6	2.5
29	16.2	14.9	15.3	10.7	8.1	9.5	5.8	3.8	4.7	3.9	1.7	2.6
30	15.6	13.8	14.6	8.6	7.3	7.8	8.2	5.8	6.9	4.9	2.5	3.6
31	15.7	13.5	14.5	---	---	---	7.0	5.4	6.1	4.9	3.3	3.9
MONTH	20.0	13.3	16.7	20.1	7.3	13.7	9.0	2.8	5.8	13.0	1.6	5.7

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	5.1	2.9	3.7	7.8	6.1	7.0	14.4	13.2	13.8	20.2	18.4	19.2
2	4.1	3.2	3.7	11.4	7.6	9.5	13.2	11.7	12.4	20.1	19.2	19.6
3	5.3	3.8	4.2	13.7	11.3	12.5	14.9	10.5	12.4	19.9	18.8	19.4
4	5.0	4.1	4.5	15.4	13.2	14.2	15.7	12.3	13.9	18.9	17.3	18.1
5	4.5	4.0	4.3	16.0	14.4	15.3	15.6	12.5	14.0	19.4	16.6	17.9
6	5.6	4.1	4.6	17.4	15.5	16.3	16.2	12.6	14.3	21.2	18.0	19.6
7	6.3	5.3	5.8	17.7	15.1	16.2	16.6	13.2	15.0	22.9	19.4	21.1
8	6.0	5.2	5.7	15.9	13.4	14.5	15.8	14.5	15.1	24.0	20.5	22.2
9	5.6	5.1	5.3	13.4	11.1	12.1	17.8	13.8	15.7	24.8	22.0	23.3
10	5.9	4.9	5.4	12.0	10.1	10.9	18.3	15.1	16.8	24.6	21.8	23.1
11	7.2	5.7	6.6	11.8	8.6	10.2	18.3	16.4	17.4	23.9	21.6	22.8
12	7.3	6.8	7.1	13.0	9.5	11.1	17.6	15.0	16.2	23.1	22.1	22.6
13	7.8	6.3	7.1	13.2	10.1	11.3	16.3	14.2	15.1	24.3	21.5	22.7
14	7.9	7.5	7.8	13.1	10.6	11.7	15.3	14.3	14.7	24.6	21.9	23.0
15	8.1	7.6	7.8	14.1	12.2	13.0	15.0	13.1	14.1	24.4	21.5	22.8
16	8.0	7.1	7.5	15.5	13.3	14.2	16.4	14.1	15.2	24.2	21.7	22.9
17	7.2	6.4	6.8	15.8	13.2	14.2	18.2	14.9	16.5	24.8	21.7	23.2
18	7.3	5.6	6.3	14.4	12.5	13.5	20.0	16.7	18.3	23.9	22.0	22.9
19	7.7	5.9	6.6	16.2	12.4	14.1	21.3	18.4	19.7	24.7	22.3	23.4
20	8.2	6.5	7.4	15.8	13.2	14.4	22.0	19.4	20.7	24.6	22.9	23.7
21	11.3	8.2	9.8	17.6	14.3	15.5	22.2	19.8	20.9	25.9	23.0	24.4
22	11.1	9.2	9.9	15.0	12.3	13.6	21.7	19.0	20.4	26.8	23.9	25.4
23	9.6	8.7	9.1	13.1	10.4	11.7	22.3	19.2	20.7	27.1	24.6	25.9
24	9.6	8.6	9.1	13.4	9.8	11.6	22.8	19.9	21.3	27.2	24.2	25.6
25	9.8	9.0	9.4	15.0	11.0	12.9	23.2	20.7	21.9	27.4	24.4	25.8
26	9.2	4.5	7.0	16.8	12.6	14.7	22.0	20.1	21.2	26.8	25.2	26.0
27	5.2	4.2	4.7	17.9	14.5	16.2	20.3	18.5	19.4	27.6	24.5	25.9
28	7.2	4.3	5.4	19.3	16.3	17.7	19.4	16.6	17.9	27.6	25.0	26.1
29	7.4	5.3	6.0	19.8	17.1	18.4	19.4	16.4	17.8	27.0	24.9	26.0
30	---	---	---	18.3	15.7	16.9	19.4	17.3	18.4	27.5	25.0	26.1
31	---	---	---	15.7	14.2	14.9	---	---	---	27.6	25.4	26.1
MONTH	11.3	2.9	6.5	19.8	6.1	13.6	23.2	10.5	17.0	27.6	16.6	23.1

SANTEE RIVER BASIN

02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	9.0	8.6	8.7	10.0	9.7	9.8	11.5	11.0	11.2
2	---	---	---	8.8	8.3	8.6	10.2	9.7	10.0	11.8	11.3	11.6
3	---	---	---	8.6	8.1	8.4	10.4	10.0	10.2	---	---	---
4	---	---	---	---	---	---	10.4	10.3	10.4	---	---	---
5	---	---	---	---	---	---	10.4	10.3	10.4	11.2	10.6	10.9
6	---	---	---	---	---	---	10.7	10.3	10.4	---	---	---
7	8.4	8.2	8.2	---	---	---	10.8	10.4	10.5	---	---	---
8	8.3	8.1	8.3	7.8	7.4	7.5	11.0	10.4	10.6	12.4	12.1	12.3
9	8.2	8.1	8.2	8.8	7.8	8.4	11.0	10.4	10.7	12.5	12.3	12.4
10	8.2	8.0	8.1	9.4	8.7	9.2	10.7	10.2	10.4	12.9	12.4	12.6
11	8.1	8.0	8.1	9.8	9.3	9.5	10.4	10.1	10.2	13.3	12.6	13.0
12	8.2	8.0	8.1	9.6	9.0	9.4	10.4	10.0	10.2	13.2	12.3	12.8
13	8.1	7.8	8.0	9.2	8.9	9.1	10.8	10.4	10.6	12.5	11.9	12.2
14	7.8	7.6	7.8	10.0	9.2	9.8	10.8	10.7	10.8	12.2	11.8	12.0
15	8.3	7.7	8.1	10.3	9.9	10.1	11.5	10.5	10.9	11.8	11.2	11.4
16	8.8	8.3	8.6	10.3	9.8	10.0	11.1	10.8	11.0	11.7	11.2	11.5
17	9.0	8.6	8.8	9.8	9.2	9.6	11.0	10.6	10.8	11.9	11.6	11.7
18	8.9	8.6	8.8	9.4	8.7	9.1	11.0	10.7	10.8	11.6	10.8	11.3
19	9.1	8.7	8.8	---	---	---	11.1	10.8	10.9	11.3	10.7	11.0
20	9.0	8.6	8.8	---	---	---	11.3	10.9	11.1	11.8	11.0	11.5
21	8.8	8.2	8.6	---	---	---	11.8	11.2	11.5	12.4	11.8	12.2
22	8.5	8.2	8.3	---	---	---	11.9	11.6	11.8	12.7	12.2	12.4
23	8.8	8.2	8.5	---	---	---	12.3	11.5	11.8	12.4	12.1	12.2
24	9.1	8.6	8.8	---	---	---	12.0	11.1	11.6	12.3	11.6	12.1
25	9.2	8.8	9.0	---	---	---	11.6	11.0	11.3	11.9	11.4	11.6
26	8.8	8.4	8.7	9.5	9.1	9.3	12.0	11.5	11.8	12.9	11.9	12.5
27	8.4	8.0	8.2	9.3	9.1	9.2	12.1	11.7	11.9	13.1	12.8	12.9
28	8.1	8.0	8.0	9.1	8.7	8.9	11.9	11.1	11.6	13.2	12.8	13.0
29	8.4	8.0	8.2	9.5	8.8	9.2	---	---	---	13.2	12.7	13.0
30	8.9	8.2	8.6	10.0	9.5	9.8	---	---	---	12.7	11.9	12.4
31	9.3	8.7	8.9	---	---	---	---	---	---	12.4	11.8	12.1
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	12.8	12.1	12.4	11.2	10.5	10.8	9.0	8.6	8.7	7.3	7.0	7.2
2	12.6	11.4	12.1	10.5	9.8	10.2	9.3	8.8	9.1	7.1	6.9	7.0
3	11.7	11.2	11.3	9.8	9.1	9.5	10.1	9.0	9.4	7.0	6.8	6.9
4	11.6	11.1	11.3	9.4	8.9	9.1	9.3	8.7	9.0	7.3	6.9	7.2
5	11.2	11.0	11.1	9.1	8.6	8.9	9.3	8.7	9.0	7.5	7.2	7.4
6	11.2	10.5	11.0	9.0	8.4	8.6	9.3	8.7	9.0	7.3	7.0	7.2
7	10.9	10.3	10.6	9.3	8.4	8.7	9.0	8.5	8.8	7.2	6.9	7.0
8	11.2	10.6	10.9	9.6	8.6	8.9	8.9	8.5	8.7	7.2	6.9	7.1
9	11.2	11.0	11.1	9.7	9.0	9.4	9.1	8.1	8.7	7.2	6.9	7.0
10	11.3	10.9	11.2	10.4	9.5	9.9	8.4	7.9	8.2	7.3	7.0	7.2
11	11.0	10.7	10.8	10.7	9.8	10.2	8.2	7.8	8.0	7.6	7.1	7.4
12	10.7	10.5	10.6	10.4	9.6	9.9	8.1	7.7	7.9	7.6	7.4	7.5
13	11.1	10.6	10.7	10.5	9.5	9.9	8.3	7.9	8.2	7.8	7.5	7.6
14	10.6	10.3	10.4	10.4	9.5	9.9	8.1	7.8	8.0	7.9	7.5	7.7
15	10.4	10.3	10.3	9.8	9.1	9.4	8.4	8.0	8.2	8.0	7.6	7.8
16	11.0	10.3	10.6	9.5	8.7	9.0	8.3	8.1	8.2	8.0	7.6	7.8
17	11.0	10.5	10.7	9.8	8.7	9.1	8.2	7.8	8.1	7.8	7.3	7.6
18	11.2	10.8	10.9	9.6	8.8	9.0	7.8	7.4	7.7	7.5	7.2	7.3
19	11.1	10.6	10.8	9.7	8.8	9.1	7.7	7.1	7.4	---	---	---
20	10.8	10.3	10.5	9.6	8.7	9.0	7.3	6.9	7.1	---	---	---
21	10.3	9.8	10.0	9.2	8.4	8.7	7.3	6.8	7.0	---	---	---
22	10.4	9.7	10.0	9.5	8.4	9.0	7.2	6.9	7.1	7.1	6.8	7.0
23	10.5	10.0	10.2	10.1	9.1	9.6	7.2	6.8	7.0	7.2	6.7	6.9
24	10.6	10.1	10.3	10.1	9.5	9.8	7.2	6.9	7.0	---	---	---
25	10.5	10.1	10.3	9.9	9.0	9.5	7.0	6.7	6.9	---	---	---
26	11.0	10.2	10.5	9.6	8.5	9.1	7.0	6.8	6.9	---	---	---
27	11.8	11.0	11.5	9.1	8.3	8.6	7.2	6.9	7.1	---	---	---
28	12.1	11.3	11.6	8.8	8.0	8.3	7.6	7.1	7.4	---	---	---
29	11.6	10.9	11.3	8.7	7.9	8.2	7.7	7.4	7.6	---	---	---
30	---	---	---	8.4	7.9	8.1	7.6	7.3	7.5	---	---	---
31	---	---	---	8.9	8.2	8.7	---	---	---	---	---	---
MONTH	12.8	9.7	10.9	11.2	7.9	9.2	10.1	6.7	8.0	---	---	---

SANTEE RIVER BASIN

02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	6.8	6.4	6.6	6.4	6.2	6.3	7.2	6.8	7.0
2	---	---	---	6.6	6.3	6.5	7.2	6.2	6.4	7.4	7.0	7.2
3	---	---	---	6.6	6.3	6.5	6.9	6.2	6.4	7.6	7.2	7.4
4	7.4	6.9	7.1	6.8	6.4	6.6	6.8	6.1	6.4	7.7	7.4	7.5
5	7.3	7.0	7.1	6.9	6.4	6.6	6.6	6.0	6.2	7.8	7.4	7.6
6	7.4	7.0	7.2	6.6	6.2	6.4	6.8	6.2	6.5	7.7	7.3	7.5
7	7.3	6.9	7.1	6.8	6.1	6.3	7.3	6.5	6.9	7.5	7.0	7.3
8	7.2	6.9	7.0	6.5	6.3	6.3	7.4	6.8	7.1	7.2	6.5	6.7
9	7.3	6.9	7.0	6.6	6.3	6.4	7.3	6.8	7.0	6.5	6.1	6.3
10	7.0	6.6	6.9	6.4	6.3	6.3	7.2	6.8	7.0	6.5	6.0	6.3
11	6.8	6.5	6.7	6.4	6.3	6.3	7.1	6.5	6.8	6.9	5.4	6.4
12	6.7	6.2	6.5	6.5	6.3	6.4	6.8	6.5	6.7	7.0	6.8	6.9
13	6.6	6.2	6.4	6.5	6.2	6.4	7.0	6.5	6.7	---	---	---
14	6.7	6.4	6.6	6.5	6.2	6.4	7.1	6.5	6.8	---	---	---
15	6.9	6.5	6.7	6.5	6.3	6.4	7.3	6.9	7.2	---	---	---
16	6.6	6.2	6.4	6.7	6.4	6.6	7.4	7.0	7.2	---	---	---
17	6.4	6.2	6.3	6.8	6.5	6.7	7.2	6.8	7.0	6.9	6.5	6.7
18	6.3	6.0	6.2	6.7	6.4	6.6	7.0	6.7	6.8	---	---	---
19	6.4	6.1	6.2	6.4	6.2	6.3	7.0	6.6	6.8	---	---	---
20	6.6	6.2	6.4	6.6	6.4	6.5	7.5	6.6	7.1	---	---	---
21	6.9	6.4	6.6	6.7	6.4	6.6	7.6	7.1	7.3	---	---	---
22	6.6	6.0	6.4	6.6	6.3	6.4	7.6	7.1	7.4	---	---	---
23	6.6	6.4	6.5	6.4	6.2	6.3	7.9	7.3	7.6	---	---	---
24	6.6	6.4	6.5	6.6	6.2	6.4	7.8	7.3	7.5	---	---	---
25	6.6	6.4	6.5	6.6	6.3	6.4	7.8	7.3	7.6	---	---	---
26	6.9	6.5	6.6	6.8	6.2	6.5	7.7	6.9	7.4	---	---	---
27	7.4	6.5	7.0	6.7	6.3	6.6	7.6	6.4	7.1	---	---	---
28	7.4	6.9	7.0	6.6	6.4	6.5	7.9	7.2	7.5	---	---	---
29	7.1	6.7	6.9	6.5	6.4	6.4	7.6	6.6	7.0	---	---	---
30	6.8	6.7	6.8	6.6	6.2	6.4	---	---	---	---	---	---
31	---	---	---	6.3	6.2	6.3	---	---	---	---	---	---
MONTH	---	---	---	6.9	6.1	6.4	---	---	---	---	---	---

SANTEE RIVER BASIN

02160990 PARR SHOALS RESERVOIR AT PARR, SC

LOCATION.--Lat 34°15'40'', long 81°19'55'', Fairfield County, Hydrologic Unit 03050106, at Parr Shoals Dam, on Broad River 100 ft from left edge, 2.5 mi west of Jenkinsville and at mile 201.6.

DRAINAGE AREA.--4,750 mi² (from Federal Power Commission).

PERIOD OF RECORD.--October 1984 to current year.

GAGE.--Data collection platform. Datum of gage is NGVD of 1929 (South Carolina Electric and Gas reference mark). Prior to May 7, 1968, datum was 47.17 ft higher.

REMARKS.--Reservoir is formed by a concrete gravity dam. Project was completed in 1914. Spillway crest elevation: 257.1 ft sea level, 1,850 acres. Maximum power pool is 266 ft sea level, 4,400 acres. Reservoir water is used for cooling of nearby fossil-electric plant. Prior to October 2003, midnight readings and month-end and annual contents were published.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 266.98 ft, Jul. 8, 1988; minimum elevation, 254.62 ft, Oct. 5, 1996.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 266.54 ft, Dec. 6; minimum elevation, 255.93 ft, Jul. 27.

Elevation above NGVD 1929, feet
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	264.57	257.94	261.38	263.07	257.19	260.13	263.79	258.05	261.78	263.06	260.53	260.89
2	263.27	258.44	260.89	262.26	257.15	259.42	262.99	257.36	260.24	261.11	260.65	260.86
3	262.90	257.80	260.63	265.89	258.47	261.55	265.25	256.65	261.37	261.54	261.10	261.26
4	263.10	257.09	260.20	265.88	261.22	263.43	265.05	259.72	262.70	261.44	259.46	260.04
5	262.08	257.81	259.94	265.49	260.99	263.58	265.23	260.51	263.45	262.12	258.84	260.08
6	265.17	258.09	261.58	265.77	258.49	262.23	266.54	261.52	263.93	262.03	256.81	258.70
7	265.43	259.65	263.28	265.60	261.31	263.73	266.42	262.17	264.41	263.11	257.99	260.69
8	265.96	258.63	262.75	264.85	258.99	261.46	265.63	261.10	263.15	263.46	260.63	262.14
9	265.93	260.61	263.43	263.86	258.09	259.88	265.01	261.59	263.31	261.77	258.34	260.32
10	264.54	260.83	262.75	265.27	257.20	261.21	265.49	258.79	261.97	261.49	256.82	259.32
11	262.67	258.21	260.27	265.27	261.03	263.05	265.58	261.00	263.30	264.07	259.32	261.47
12	262.90	259.58	261.07	265.11	259.56	262.31	265.70	262.18	264.35	265.01	260.35	262.94
13	265.15	258.16	261.27	264.42	260.13	261.98	265.66	261.68	263.24	263.78	261.33	262.90
14	265.85	260.45	263.04	265.67	260.38	262.89	265.59	261.95	263.83	265.00	261.27	263.05
15	264.59	259.14	260.65	265.67	261.70	263.65	265.90	262.69	264.45	262.94	257.47	260.41
16	263.57	257.00	260.97	265.32	259.73	261.45	266.04	263.07	264.53	265.59	261.33	263.25
17	263.79	256.06	260.84	264.71	259.48	262.07	264.56	258.35	260.56	265.97	261.98	264.57
18	263.27	257.93	260.93	264.91	258.34	261.74	264.56	261.01	262.45	264.65	260.13	261.57
19	263.62	259.48	261.24	265.53	259.47	262.41	264.26	261.31	262.64	261.89	258.00	259.92
20	263.79	258.57	261.12	265.28	259.72	262.90	264.47	260.67	262.68	264.82	260.22	262.31
21	263.04	257.88	259.89	265.35	261.63	263.89	264.80	261.47	263.31	265.10	260.77	262.89
22	265.33	257.54	261.20	264.49	259.06	261.73	264.95	262.02	263.38	265.16	261.57	263.12
23	264.38	260.63	262.24	263.51	258.98	261.00	264.60	262.15	263.76	264.99	261.38	263.28
24	264.26	257.55	261.41	265.18	259.03	262.03	264.47	264.24	264.36	264.63	261.62	263.06
25	263.85	258.93	261.27	265.88	259.80	263.02	264.30	262.66	263.79	264.89	259.51	262.45
26	262.65	260.54	261.00	265.36	261.02	262.83	265.23	260.90	262.90	265.29	262.99	264.25
27	266.08	257.65	261.87	262.45	260.99	261.57	264.98	263.03	264.06	265.54	261.63	263.43
28	265.34	260.33	262.07	261.59	258.22	259.09	264.33	262.57	263.81	264.97	260.65	263.06
29	263.38	257.91	260.11	264.64	258.77	260.22	263.43	260.19	261.91	265.68	262.61	264.18
30	264.07	257.61	260.73	264.85	260.86	263.33	263.13	259.76	260.58	265.02	260.96	262.98
31	264.02	259.99	262.01	---	---	---	263.88	260.65	262.69	265.99	261.21	263.86
MONTH	266.08	256.06	261.36	265.89	257.15	261.99	266.54	256.65	263.00	265.99	256.81	262.04

SANTEE RIVER BASIN

02160990 PARR SHOALS RESERVOIR AT PARR, SC--Continued

Elevation above NGVD 1929, feet
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	266.10	262.92	264.33	264.49	261.93	263.26	265.76	262.48	264.20	265.98	259.35	262.86
2	266.01	260.05	263.31	264.07	263.00	263.44	265.48	262.78	264.43	265.50	259.56	262.68
3	266.25	262.23	264.62	263.80	262.39	262.91	264.07	261.57	262.76	265.67	261.15	263.11
4	266.04	262.47	264.61	264.15	261.11	261.94	263.36	258.43	260.73	265.24	261.01	262.52
5	265.73	262.51	264.60	266.31	262.57	264.30	264.52	257.54	262.10	264.87	259.70	262.28
6	264.97	261.28	262.72	265.92	260.86	261.93	265.03	262.15	263.69	265.58	258.98	261.71
7	263.89	261.16	262.08	261.94	258.74	259.70	264.13	260.41	262.64	264.39	257.28	261.13
8	262.21	259.87	260.91	264.67	259.20	261.29	264.44	261.04	262.84	265.00	257.35	261.05
9	262.85	258.57	260.77	264.31	261.31	262.75	264.72	259.43	261.91	264.90	258.38	261.28
10	264.13	258.41	262.13	265.10	261.03	262.80	264.75	258.65	261.44	264.14	257.22	260.43
11	264.01	260.36	262.42	265.10	261.55	263.83	264.20	257.87	260.47	264.76	257.52	261.58
12	265.13	261.91	263.60	264.67	261.25	262.37	264.17	258.67	261.19	265.07	258.42	261.95
13	265.60	262.90	264.62	264.15	261.53	262.40	265.69	259.98	263.25	264.86	260.25	262.81
14	264.27	260.59	262.36	263.71	259.57	261.02	264.90	260.81	263.00	265.13	259.48	262.48
15	264.93	260.57	262.45	264.81	258.26	261.79	---	260.21	---	265.51	260.16	263.15
16	264.72	259.84	262.25	266.01	260.73	263.47	265.37	---	---	264.65	257.71	261.73
17	265.66	258.98	262.94	265.44	261.05	263.06	265.77	259.08	262.41	265.06	256.99	261.51
18	265.77	262.68	264.51	264.89	261.15	263.34	265.42	257.61	261.63	265.64	257.19	261.70
19	265.79	263.42	264.83	265.71	261.83	263.91	265.95	259.46	262.23	265.81	258.43	262.04
20	265.69	263.90	264.87	265.59	260.64	263.05	265.90	260.43	262.78	265.61	258.33	262.57
21	265.12	263.27	264.24	265.36	260.68	261.98	265.60	258.40	262.69	265.48	259.23	262.77
22	265.54	260.50	263.16	266.11	257.96	262.39	264.84	257.16	261.20	265.41	258.63	262.41
23	264.82	261.66	263.56	265.97	260.36	263.35	266.17	258.44	262.06	265.14	258.69	262.04
24	264.14	259.57	261.81	264.25	262.85	263.58	265.13	258.21	261.72	265.01	257.14	261.65
25	262.58	259.55	260.72	264.77	258.89	261.81	264.85	257.32	261.21	265.45	257.67	262.01
26	265.75	262.37	264.57	265.91	260.75	262.75	266.00	258.86	262.40	265.93	257.57	262.42
27	265.90	261.69	264.33	265.76	264.43	264.95	264.49	259.39	261.86	265.08	258.64	262.16
28	266.08	262.56	264.70	265.22	263.07	263.79	265.02	259.12	261.91	265.31	259.99	263.00
29	265.10	261.46	263.68	263.91	259.75	260.89	263.91	259.69	261.51	265.82	258.19	262.31
30	---	---	---	264.69	258.63	261.52	265.52	257.47	261.61	265.39	257.23	261.67
31	---	---	---	265.76	259.66	262.61	---	---	---	265.86	257.41	262.69
MONTH	266.25	258.41	263.30	266.31	257.96	262.65	---	---	---	265.98	256.99	262.12

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	266.11	256.99	261.86	265.99	257.81	262.37	266.09	257.57	262.01	266.08	260.48	263.14
2	265.47	258.35	262.46	265.67	257.82	262.40	266.11	259.54	263.72	265.50	261.11	262.88
3	265.38	257.77	261.89	265.98	257.62	262.11	266.02	256.41	262.18	266.00	257.63	261.69
4	264.80	257.60	261.94	266.04	258.22	262.67	266.23	256.74	261.56	265.35	257.07	261.86
5	265.54	257.55	261.97	266.05	257.40	262.97	265.56	256.79	261.74	265.67	257.56	262.12
6	265.46	257.35	261.88	265.45	256.73	261.41	264.71	257.61	261.52	265.99	257.36	261.88
7	265.67	257.55	262.32	265.51	256.91	261.71	264.08	258.23	261.43	265.88	258.36	261.62
8	265.89	256.94	261.79	265.37	256.24	261.41	265.39	257.15	260.92	264.83	260.33	261.36
9	265.60	257.36	261.83	265.38	256.83	261.63	265.22	256.99	260.76	262.87	261.40	262.15
10	265.79	256.54	262.00	265.11	256.95	261.94	264.60	256.46	260.68	263.14	262.85	263.02
11	266.05	257.87	262.61	265.36	256.50	261.11	265.31	256.33	261.15	262.87	260.02	261.42
12	266.03	259.55	262.81	265.04	256.31	261.04	264.94	257.39	260.95	265.61	259.54	262.13
13	264.01	258.86	261.28	265.53	256.12	261.39	266.04	256.66	260.79	265.39	258.42	261.23
14	265.33	258.43	261.75	266.03	257.39	261.70	265.39	262.63	264.04	265.84	257.84	261.56
15	265.40	258.10	262.22	265.58	257.68	261.79	263.97	256.52	259.86	266.17	258.50	261.56
16	265.38	257.61	262.04	265.52	257.00	261.49	265.49	257.36	261.02	264.42	257.47	261.47
17	265.98	257.43	262.39	265.55	256.78	261.89	265.15	256.70	260.84	265.73	256.72	261.89
18	265.88	256.61	261.95	264.70	257.46	260.97	265.08	256.68	261.38	265.43	260.32	263.01
19	265.65	257.60	262.80	265.67	256.55	261.51	265.74	258.05	262.15	264.27	261.84	263.13
20	265.03	256.62	261.58	265.75	257.18	262.43	265.44	259.41	262.93	263.29	261.55	262.63
21	264.21	256.68	260.62	266.11	256.82	261.54	266.01	257.93	262.86	265.27	258.83	261.43
22	265.89	257.11	261.72	265.72	256.63	261.66	266.03	257.83	262.29	266.07	256.89	260.79
23	266.03	257.12	261.92	265.81	256.19	262.06	265.89	258.17	261.95	266.27	257.83	262.01
24	265.47	257.48	261.42	265.69	257.77	262.68	265.32	257.74	261.49	266.01	257.72	261.64
25	265.94	256.21	262.29	265.82	256.40	261.86	266.24	257.01	261.61	266.09	257.32	261.82
26	265.97	258.49	262.46	265.12	259.14	262.60	265.81	259.67	262.50	266.32	258.29	262.41
27	264.94	257.18	261.67	266.14	255.93	261.62	265.23	259.46	262.36	265.96	260.30	263.97
28	265.83	257.27	261.35	265.99	257.68	262.76	265.94	256.87	261.91	265.50	262.32	263.36
29	266.28	257.51	262.32	265.45	257.37	261.69	266.18	257.99	262.25	263.06	259.25	260.10
30	265.73	256.68	261.77	266.01	257.31	262.96	265.57	260.50	263.42	262.69	258.35	260.21
31	---	---	---	266.01	258.07	262.52	265.99	257.54	261.70	---	---	---
MONTH	266.28	256.21	261.96	266.14	255.93	261.93	266.24	256.33	261.81	266.32	256.72	261.98

SANTEE RIVER BASIN

02160991 BROAD RIVER NEAR JENKINSVILLE, SC

LOCATION.--Lat 34°15'38'', long 81°19'50'', Fairfield County, Hydrologic Unit 03050106, in power house of dam, 0.3 mi upstream from Mayo Creek, 2.5 mi west of Jenkinsville, and at mile 201.4.

DRAINAGE AREA.--4,750 mi², approximately.

GAGE HEIGHT RECORDS

PERIOD OF RECORD.--October 1987 to current year.

GAGE.--Data collection platform. Datum of gage is NGVD of 1929.

REMARKS.--Regulated by flow from Parr Shoals Dam.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 242.98 ft, Oct. 14, 1990; minimum elevation, 219.24 ft, Sep. 12, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 239.77 ft, Sep. 10; minimum elevation, 219.54 ft, Jan. 6, July 24.

Elevation above NGVD 1929, feet
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	222.29	221.94	222.13	222.56	221.16	221.81	222.93	221.90	222.37	222.93	222.02	222.42
2	222.30	221.63	222.09	222.14	221.50	221.75	223.20	221.49	222.71	222.33	222.02	222.16
3	221.82	220.60	221.24	222.65	221.93	222.22	223.19	220.76	222.36	222.16	222.01	222.08
4	221.77	221.55	221.66	222.75	221.43	221.96	222.86	220.67	222.29	222.14	221.94	222.04
5	221.75	221.55	221.65	222.70	221.77	222.16	222.76	220.75	221.49	223.13	221.75	222.55
6	223.04	221.60	222.25	222.28	220.64	221.53	224.98	220.72	222.42	222.78	219.54	222.09
7	222.96	221.25	222.36	223.17	220.61	221.79	223.02	222.33	222.62	222.39	221.67	222.11
8	222.92	221.16	221.70	222.89	221.57	222.23	222.72	222.19	222.50	222.70	222.11	222.38
9	222.95	221.62	222.03	222.88	222.65	222.75	222.73	221.90	222.53	223.13	222.32	222.77
10	222.13	221.62	221.91	223.38	221.57	222.43	222.68	221.74	222.23	222.89	221.97	222.30
11	222.85	221.91	222.38	222.34	221.25	221.82	223.87	222.51	222.85	222.92	222.37	222.73
12	222.83	222.31	222.66	221.85	221.17	221.52	224.87	222.73	223.36	222.88	221.74	222.01
13	223.17	221.65	222.46	222.81	221.64	222.31	224.82	222.78	223.58	222.78	221.73	222.43
14	223.14	221.61	222.59	222.40	221.28	222.13	225.74	222.75	223.38	222.77	221.72	222.22
15	223.15	221.86	222.39	222.21	220.78	221.70	225.22	222.63	223.82	222.00	221.63	221.81
16	222.77	220.45	221.84	222.14	220.82	221.77	225.38	222.98	224.08	221.97	221.44	221.81
17	223.17	221.28	222.52	222.85	221.26	222.47	224.06	222.56	222.96	222.58	221.75	222.17
18	221.32	221.20	221.26	221.93	221.19	221.55	224.18	222.14	223.08	222.51	222.01	222.31
19	221.34	221.00	221.27	223.45	221.25	222.23	224.21	222.76	223.14	222.72	221.77	222.50
20	223.09	221.21	222.39	225.92	222.10	223.23	223.96	222.74	223.16	222.75	221.33	222.23
21	222.23	221.95	222.09	226.81	222.77	224.55	223.90	222.77	223.08	222.33	221.88	222.19
22	222.09	221.05	221.58	224.09	222.57	223.01	222.99	219.58	222.22	222.51	221.33	222.03
23	223.16	220.86	222.32	223.31	222.67	222.84	222.99	219.57	222.37	222.32	221.29	221.98
24	222.49	221.24	221.80	223.15	222.08	222.92	222.92	222.80	222.86	222.50	221.78	222.26
25	221.73	221.15	221.51	223.05	220.60	222.66	222.89	222.43	222.49	222.52	221.69	222.21
26	221.79	221.13	221.51	223.11	221.58	222.50	222.65	221.86	222.34	223.04	220.72	221.93
27	222.99	221.64	222.33	222.79	222.63	222.68	222.97	222.52	222.81	223.08	221.29	222.38
28	222.85	222.09	222.59	222.70	222.21	222.43	222.96	222.11	222.46	222.69	222.05	222.41
29	222.56	220.61	222.14	222.38	221.78	222.20	222.31	222.05	222.17	223.07	222.42	222.58
30	222.78	222.21	222.55	222.14	221.56	222.05	222.29	222.04	222.15	222.70	221.37	222.30
31	222.85	221.34	222.56	---	---	---	223.07	222.05	222.67	222.69	221.75	222.14
MONTH	223.17	220.45	222.06	226.81	220.60	222.31	225.74	219.57	222.73	223.13	219.54	222.24

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1974 to current year.

PERIOD OF DAILY RECORDS.--

SPECIFIC CONDUCTANCE: October 1973 to current year.

pH: October 1973 to current year.

WATER TEMPERATURE: October 1973 to current year.

DISSOLVED OXYGEN: October 1973 to current year.

INSTRUMENTATION.--Water-quality multiprobe and data collection platform.

REMARKS.--Specific conductance records rated excellent except for Jan. 5, 6, Apr. 11-16, May 31 to June 3, June 21, Sep. 7-26, which are good, Sep. 27-30, which are fair, Mar. 29, 30, which are poor. pH records rated excellent except for Oct. 6-8, Dec. 31, July 4-18, Sep. 26-30, which are good, Oct. 30, 31, July 19, 20, which are fair, Mar. 29, 30, which are poor. Temperature records rated excellent except for Mar. 18-28, Apr. 1-16, June 4 to Aug. 13, which are good, Mar. 29, 30, which are poor. Dissolved oxygen records rated excellent except for Oct. 1-3, Dec. 20-26, Mar. 1-17, Apr. 24-29, May 22-27, June 16, 17, July 8-20, July 30 to Aug. 7, which are good, Jan. 6-25, Apr. 30 to May 5, Aug. 8-13, Sep. 16-26, which are fair, Mar. 29, 30, May 6-21, which are poor.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 249 microsiemens, Oct. 15, 1996; minimum, 30 microsiemens, Mar. 30, 1980, and Aug. 21, 1986.

pH: Maximum, 8.3 units, Jul. 24, 1977; minimum, 5.0 units, Jul. 13, 1987.

WATER TEMPERATURE: Maximum, 32.5°C, Aug. 25, 1975, Jul. 25, 1976, Jul. 11, 16, 1977, and many days in Jul. 1986; minimum, less than 0.5°C, Jan. 19-21, 1977, Jan. 11, 1988, Jan. 20, 1994.

DISSOLVED OXYGEN: Maximum, 14.3 mg/L, many days in Jan. 1988; minimum, 0.6 mg/L, May 25, 2003.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 104 microsiemens, Jan. 19, June 13; minimum, 50 microsiemens, Sep. 8.

pH: Maximum, 7.7 units, Sep. 17; minimum 6.3 units, Sep. 8.

WATER TEMPERATURE: Maximum, 31.2°C, Aug. 4; minimum, 5.2°C, Feb. 8.

DISSOLVED OXYGEN: Maximum, 11.8 mg/L, Dec. 17, 25, 31, Jan. 1; minimum, 2.0 mg/L, Sep. 9.

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	88	81	84	88	84	86	92	88	90	91	82	87
2	89	83	86	87	83	85	93	88	90	97	84	93
3	89	84	87	89	82	85	93	86	89	99	95	97
4	90	85	87	84	82	83	92	84	88	101	97	98
5	90	86	88	87	82	84	92	84	88	103	98	100
6	90	77	84	92	84	87	92	86	90	99	94	96
7	80	77	78	89	84	87	92	87	89	96	84	90
8	81	77	79	95	84	87	94	85	90	95	84	90
9	83	77	79	101	85	92	96	86	92	96	88	93
10	82	79	80	97	86	91	95	91	93	95	90	93
11	88	80	83	89	85	87	95	90	92	92	72	84
12	88	81	83	90	87	88	93	87	91	96	87	91
13	90	80	84	90	87	88	93	85	90	96	91	94
14	85	80	82	91	88	89	92	83	88	97	93	95
15	87	80	83	91	87	89	91	82	87	100	92	96
16	87	82	85	93	88	90	91	85	88	97	90	94
17	86	81	83	93	88	91	89	80	85	96	90	94
18	84	81	83	92	88	90	89	81	87	97	92	94
19	87	83	84	93	87	90	90	81	85	104	95	97
20	89	84	86	93	88	90	88	78	85	102	88	96
21	94	82	87	95	86	90	88	71	81	98	79	91
22	91	86	88	92	80	87	89	73	83	100	88	96
23	87	85	86	89	74	82	92	81	87	102	95	98
24	90	85	86	87	78	83	92	89	90	99	94	96
25	88	84	86	89	83	87	93	85	90	101	91	97
26	95	86	89	89	85	86	92	80	87	---	---	---
27	94	87	89	87	85	86	93	81	87	95	81	87
28	95	85	88	89	85	87	92	79	87	100	75	89
29	97	89	92	94	89	91	92	83	88	100	80	91
30	93	84	89	91	86	89	91	87	89	101	91	97
31	89	82	84	---	---	---	91	78	86	102	94	98
MONTH	97	77	85	101	74	88	96	71	88	---	---	---

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	99	86	92	96	89	92	94	91	92	96	91	93
2	99	89	94	93	90	92	97	92	94	94	90	93
3	94	88	92	92	84	88	98	92	95	95	91	93
4	96	86	92	87	84	85	98	91	95	97	91	94
5	96	86	92	89	87	88	96	91	93	96	91	93
6	96	89	93	90	87	89	93	90	92	94	91	92
7	96	81	90	93	88	90	94	90	92	94	91	92
8	90	64	74	93	89	92	95	91	93	93	89	92
9	84	60	71	93	89	91	94	91	92	94	90	92
10	89	70	85	94	89	91	94	90	92	95	90	92
11	85	73	77	94	90	92	94	90	92	94	90	92
12	88	74	84	93	90	92	93	89	91	95	90	92
13	87	78	82	97	92	94	93	88	90	93	91	92
14	81	78	80	97	91	94	97	89	92	94	91	93
15	86	80	82	96	89	93	93	89	91	95	91	93
16	89	80	85	93	89	91	93	86	90	96	91	93
17	89	79	85	93	89	91	92	84	89	96	92	94
18	87	78	82	94	90	92	91	82	89	96	91	93
19	87	77	83	92	90	91	90	85	89	97	90	93
20	87	83	86	94	90	91	90	86	88	95	90	93
21	86	83	85	93	88	90	90	86	89	96	91	92
22	89	86	87	95	88	92	91	88	90	96	91	93
23	90	86	88	91	87	89	93	90	91	94	91	93
24	90	86	88	96	88	91	93	89	90	94	90	93
25	91	87	89	95	89	91	92	90	91	94	91	93
26	91	81	87	95	90	92	93	90	91	93	89	91
27	91	79	86	92	89	91	95	90	92	95	91	93
28	93	80	86	94	91	92	96	91	93	93	91	92
29	93	81	88	97	92	94	99	92	95	95	91	92
30	---	---	---	98	90	95	98	93	95	95	91	92
31	---	---	---	96	90	92	---	---	---	94	90	92
MONTH	99	60	86	98	84	91	99	82	92	97	89	93

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	97	91	93	90	87	89	86	81	83	84	81	82
2	94	91	92	92	89	90	84	79	82	96	79	85
3	97	91	93	92	85	89	83	79	81	90	84	87
4	101	94	95	87	79	83	84	79	81	93	81	84
5	99	94	96	81	78	80	85	81	82	89	80	82
6	98	94	95	81	77	80	86	80	82	85	80	82
7	98	94	95	81	78	79	86	79	82	84	79	81
8	98	92	95	81	77	80	87	80	83	80	50	62
9	101	92	96	83	77	80	92	82	84	---	---	---
10	102	93	96	81	76	80	89	83	85	---	---	---
11	102	91	93	81	77	79	89	83	86	---	---	---
12	97	91	93	83	77	80	90	82	85	---	---	---
13	104	95	97	81	77	80	94	80	83	---	---	---
14	100	97	98	86	78	81	94	79	82	---	---	---
15	100	91	96	84	78	81	87	79	82	---	---	---
16	99	92	94	85	76	80	85	80	81	78	71	77
17	94	83	91	84	80	82	85	80	81	78	70	76
18	94	74	88	84	78	80	84	80	81	79	74	76
19	90	78	88	82	78	80	84	79	81	77	60	70
20	89	80	86	81	76	79	86	79	81	69	56	61
21	90	82	87	82	76	78	86	80	82	75	61	67
22	91	85	89	83	76	79	91	81	84	77	65	73
23	91	81	89	86	77	80	97	82	86	75	68	72
24	91	85	90	83	77	79	91	83	85	75	69	72
25	92	89	90	83	77	79	90	82	84	76	71	73
26	91	80	88	85	78	80	90	81	83	74	71	73
27	89	72	84	87	80	82	92	81	83	73	71	72
28	91	78	87	88	79	81	95	81	84	75	71	72
29	90	77	85	96	80	84	87	79	82	73	61	68
30	90	84	88	92	80	83	82	79	80	68	58	61
31	---	---	---	97	80	85	89	79	82	---	---	---
MONTH	104	72	92	97	76	81	97	79	83	---	---	---

SANTEE RIVER BASIN

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

pH, water, unfiltered, field, standard units
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	7.0	6.9	7.2	7.0	7.4	7.3	7.3	7.2	7.6	7.5	7.3	7.2
2	7.1	6.9	7.2	7.0	7.4	7.3	7.3	7.2	7.5	7.3	7.3	7.1
3	7.1	7.0	7.4	7.1	7.4	7.3	7.4	7.2	7.5	7.4	7.2	7.0
4	7.1	6.9	7.4	7.2	7.4	7.4	7.4	7.2	7.5	7.4	7.2	7.0
5	7.1	6.9	7.2	7.1	7.4	7.4	7.4	7.3	7.5	7.4	7.3	7.1
6	7.2	6.9	7.2	7.0	7.4	7.3	7.4	7.2	7.4	7.2	7.3	7.2
7	7.2	7.0	7.2	7.1	7.4	7.4	7.3	7.2	7.4	7.0	7.3	7.2
8	7.2	6.9	7.2	7.2	7.4	7.3	7.3	7.2	7.2	6.8	7.4	7.2
9	7.1	6.9	7.3	7.2	7.4	7.3	7.3	7.2	7.2	6.8	7.4	7.3
10	7.0	6.8	7.3	7.2	7.4	7.3	7.3	7.2	7.3	7.0	7.5	7.3
11	7.0	6.9	7.3	7.2	7.4	7.4	7.3	7.3	7.2	7.0	7.4	7.3
12	7.0	6.8	7.3	7.2	7.4	7.3	7.3	7.3	7.4	7.0	7.4	7.2
13	7.0	6.8	7.4	7.3	7.4	7.2	7.3	7.2	7.3	7.1	7.4	7.2
14	7.0	6.8	7.3	7.3	7.4	7.2	7.3	7.2	7.1	7.0	7.4	7.3
15	7.0	6.9	7.3	7.2	7.4	7.3	7.3	7.2	7.3	7.0	7.4	7.3
16	7.0	6.8	7.3	7.2	7.4	7.3	7.3	7.3	7.4	7.0	7.4	7.3
17	7.0	6.8	7.3	7.2	7.3	7.1	7.4	7.3	7.3	7.1	7.4	7.2
18	7.0	6.8	7.3	7.2	7.4	7.2	7.4	7.3	7.3	7.1	7.4	7.2
19	7.1	6.9	7.4	7.3	7.4	7.2	7.4	7.3	7.2	7.1	7.4	7.3
20	7.1	7.0	7.3	7.3	7.4	7.3	7.4	7.3	7.2	7.1	7.5	7.3
21	7.2	6.9	7.3	7.2	7.4	7.3	7.5	7.4	7.2	7.2	7.6	7.4
22	7.1	7.0	7.3	7.2	7.3	7.2	7.5	7.4	7.2	7.1	7.6	7.4
23	7.1	7.0	7.2	7.1	7.4	7.1	7.5	7.4	7.2	7.1	7.6	7.5
24	7.2	7.0	7.3	7.2	7.5	7.3	7.5	7.4	7.3	7.2	7.5	7.4
25	7.2	7.0	7.3	7.2	7.4	7.3	7.5	7.4	7.3	7.2	7.5	7.4
26	7.2	7.0	7.3	7.2	7.4	7.3	---	---	7.4	7.2	7.5	7.4
27	7.2	7.1	7.3	7.2	7.5	7.3	7.5	7.4	7.4	7.3	7.5	7.4
28	7.2	7.0	7.3	7.2	7.4	7.3	7.5	7.4	7.3	7.3	7.5	7.4
29	7.2	7.1	7.3	7.3	7.3	7.2	7.5	7.4	7.4	7.2	7.5	7.4
30	7.2	6.9	7.4	7.3	7.3	7.2	7.6	7.5	---	---	7.5	7.3
31	7.1	6.9	---	---	7.3	7.1	7.6	7.5	---	---	7.4	7.3
MONTH	7.2	6.8	7.4	7.0	7.5	7.1	---	---	7.6	6.8	7.6	7.0

DAY	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	7.4	7.3	7.2	7.1	---	---	7.1	6.9	7.4	7.2	6.7	6.6
2	7.4	7.3	7.2	7.1	---	---	7.0	6.8	7.4	7.2	6.9	6.6
3	7.4	7.3	7.2	7.0	---	---	7.0	6.8	7.3	7.2	6.9	6.8
4	7.5	7.3	7.2	7.1	7.0	6.9	7.1	6.9	7.3	7.1	6.9	6.8
5	7.5	7.4	7.2	7.1	7.1	6.9	7.0	6.8	7.3	7.0	6.9	6.8
6	7.4	7.3	7.2	7.0	7.2	6.9	7.0	6.7	7.5	7.2	6.9	6.8
7	7.4	7.3	7.2	7.0	7.2	7.0	7.0	6.7	7.4	7.3	6.9	6.8
8	7.4	7.3	7.2	7.0	7.1	6.9	7.0	6.7	7.3	7.1	6.9	6.3
9	7.4	7.3	7.2	7.0	7.1	7.0	7.0	6.7	7.5	7.2	---	---
10	7.4	7.3	7.2	7.0	7.1	6.9	6.9	6.6	7.4	7.1	---	---
11	7.4	7.2	7.2	7.0	7.0	6.8	6.8	6.5	7.5	7.1	---	---
12	7.4	7.2	7.2	7.0	7.0	6.7	6.8	6.6	7.5	7.2	---	---
13	7.4	7.3	7.2	7.0	7.0	6.8	6.9	6.5	7.4	6.9	---	---
14	7.4	7.3	7.1	7.0	7.0	6.8	7.0	6.6	7.6	7.2	---	---
15	7.3	7.2	7.1	7.0	7.0	6.6	6.8	6.6	7.5	7.3	---	---
16	7.4	7.0	7.1	6.9	7.1	6.8	6.9	6.6	7.6	7.4	7.6	7.3
17	7.2	7.1	7.0	6.9	7.0	6.7	6.9	6.6	7.6	7.4	7.7	7.6
18	7.2	7.1	7.0	6.9	6.9	6.6	7.1	6.8	7.5	7.3	7.6	7.1
19	7.3	7.2	7.0	6.9	6.9	6.7	7.1	6.8	7.6	7.4	7.3	7.1
20	7.3	7.2	7.1	6.8	6.8	6.6	7.4	6.8	7.6	7.4	7.2	7.0
21	7.4	7.2	---	---	6.9	6.7	7.5	7.2	7.6	7.3	7.2	6.9
22	7.3	7.2	---	---	6.9	6.6	7.4	7.2	7.5	7.3	7.1	6.5
23	7.3	7.2	---	---	6.8	6.6	7.4	7.2	7.6	7.3	6.8	6.7
24	7.4	7.2	---	---	7.0	6.7	7.3	7.2	7.5	7.0	7.0	6.7
25	7.3	7.2	---	---	7.0	6.8	7.3	7.2	7.0	6.8	7.4	6.8
26	7.2	7.1	---	---	7.0	6.7	7.3	7.2	7.2	6.8	7.4	7.2
27	7.3	7.1	---	---	7.0	6.6	7.3	7.1	7.0	6.8	7.2	7.0
28	7.3	7.2	---	---	7.0	6.6	7.3	7.2	6.9	6.6	7.0	6.9
29	7.2	7.1	---	---	7.1	6.8	7.4	7.2	6.8	6.6	6.9	6.7
30	7.3	7.1	---	---	7.1	6.9	7.3	7.2	6.8	6.6	6.9	6.7
31	---	---	---	---	---	---	7.4	7.2	6.7	6.6	---	---
MONTH	7.5	7.0	---	---	---	---	7.5	6.5	7.6	6.6	---	---

SANTEE RIVER BASIN

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	24.5	22.3	23.7	19.1	18.0	18.7	14.3	10.8	13.1	9.5	7.6	9.0
2	24.4	21.5	22.9	19.3	17.6	18.6	14.2	9.7	12.8	7.6	6.8	7.2
3	23.0	21.3	22.2	20.1	18.4	19.1	13.7	10.5	12.9	8.6	7.1	7.7
4	22.9	21.2	22.0	20.5	19.9	20.1	13.5	11.3	12.6	9.5	7.7	8.6
5	22.7	21.6	22.1	20.9	19.8	20.2	12.8	11.6	12.1	11.5	9.3	10.5
6	23.2	21.3	22.3	20.6	19.8	20.1	12.2	10.3	11.5	11.3	10.4	10.8
7	23.4	22.5	23.0	20.3	19.9	20.1	12.8	11.5	12.2	10.8	9.3	9.8
8	23.3	22.3	22.8	20.2	18.7	19.5	11.7	9.2	10.3	10.2	9.4	9.7
9	23.1	22.2	22.8	19.2	17.0	18.2	11.6	9.9	10.7	10.2	8.0	9.2
10	22.9	21.8	22.2	18.5	16.2	17.6	11.8	9.2	10.7	9.3	7.2	8.2
11	21.9	19.9	21.3	18.9	17.8	18.3	12.0	10.5	11.3	10.0	7.3	9.2
12	22.6	21.2	21.9	18.4	17.5	18.0	11.7	9.0	10.9	9.2	7.3	8.3
13	22.9	21.1	22.0	18.4	16.4	17.6	11.5	7.8	9.9	9.1	8.0	8.6
14	22.9	21.8	22.4	17.0	15.8	16.4	11.3	7.8	10.0	9.0	7.7	8.4
15	22.1	20.4	21.4	17.1	16.5	16.8	11.3	8.4	10.3	9.1	7.3	8.5
16	21.8	20.0	20.8	16.9	15.5	16.3	11.0	8.5	10.2	9.3	8.4	8.8
17	22.1	19.6	21.4	17.5	15.4	16.3	10.0	6.8	8.3	9.1	8.5	8.7
18	21.9	20.7	21.2	17.8	16.8	17.2	10.5	8.5	9.8	9.7	8.4	9.1
19	21.4	20.3	20.7	18.0	17.0	17.7	10.1	7.3	8.7	9.4	7.6	8.8
20	21.3	19.6	20.2	17.5	16.8	17.1	9.8	7.3	8.9	9.1	8.1	8.6
21	21.3	18.7	20.4	17.4	15.1	16.5	9.9	7.6	9.0	9.3	8.2	8.7
22	20.8	19.6	20.2	16.5	15.3	16.1	8.7	6.1	7.3	9.0	7.3	8.3
23	20.8	19.9	20.3	16.4	14.4	15.8	8.8	7.0	7.7	8.8	7.4	8.1
24	20.5	18.2	19.8	16.6	14.2	15.9	9.3	7.0	8.6	8.5	7.3	8.0
25	20.3	19.4	19.9	16.5	14.0	15.5	7.0	5.9	6.3	8.2	6.7	7.6
26	19.8	17.8	19.2	15.8	14.8	15.3	7.8	6.0	6.6	---	---	---
27	20.0	17.9	19.4	15.4	12.6	14.3	8.7	7.7	8.2	7.3	6.0	6.9
28	20.1	17.5	19.3	13.7	11.0	12.9	8.4	6.9	7.6	7.7	5.3	7.1
29	19.0	17.1	18.1	13.3	10.3	11.3	8.6	6.7	7.2	8.0	5.3	7.0
30	19.6	16.9	18.5	14.8	12.2	13.6	9.9	8.0	9.3	7.9	5.6	6.8
31	19.8	18.7	19.3	---	---	---	9.5	6.4	7.5	7.3	5.8	6.5
MONTH	24.5	16.9	21.1	20.9	10.3	17.0	14.3	5.9	9.8	---	---	---

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.3	6.6	6.9	8.8	6.9	8.1	14.5	13.5	14.1	20.7	19.4	19.9
2	7.4	5.3	6.5	9.0	7.5	8.4	14.2	13.7	14.0	21.2	19.6	20.4
3	7.8	7.4	7.6	10.0	8.5	9.3	14.8	13.2	13.9	21.4	18.6	19.9
4	7.8	6.7	7.3	12.1	10.0	11.1	15.0	13.9	14.5	21.1	18.2	19.5
5	7.8	6.2	7.0	12.4	10.4	11.4	14.9	13.5	14.2	22.5	19.1	20.5
6	7.8	5.4	6.9	13.9	11.0	12.1	16.0	14.0	14.7	22.9	19.8	20.9
7	7.6	5.6	6.5	16.1	13.9	14.8	16.6	14.7	15.4	23.8	20.3	21.7
8	7.3	5.2	6.1	15.3	9.4	12.3	15.9	14.4	15.2	23.8	20.9	22.1
9	7.4	5.3	6.1	12.3	10.9	11.6	17.4	14.3	15.5	24.1	21.3	22.5
10	8.3	5.5	7.5	12.1	11.0	11.6	18.1	14.9	16.2	24.7	21.5	22.6
11	7.5	6.2	6.8	12.0	11.1	11.6	17.5	15.1	16.3	23.9	21.6	22.4
12	8.8	6.6	8.0	12.3	11.3	11.8	16.9	15.3	16.1	23.8	21.8	22.5
13	8.5	6.7	7.6	12.2	11.2	11.7	16.6	15.1	15.7	23.4	21.8	22.7
14	7.6	7.1	7.3	13.9	12.0	12.6	15.8	14.5	15.1	24.9	22.1	23.2
15	8.7	7.3	7.4	13.1	11.8	12.6	15.6	14.4	15.0	25.4	22.5	23.2
16	9.3	7.3	8.6	13.0	11.7	12.5	16.8	15.1	15.7	25.1	22.3	23.4
17	8.5	7.4	8.2	13.6	12.0	12.5	18.0	15.4	16.4	25.1	22.8	23.5
18	8.1	7.5	7.8	13.5	11.9	12.6	18.2	15.4	16.6	25.2	23.1	23.7
19	9.1	7.5	8.0	14.2	12.4	13.1	19.3	15.6	17.4	25.6	23.5	24.2
20	8.9	7.5	8.3	14.8	12.9	13.7	19.8	16.2	17.8	25.9	23.2	24.2
21	9.4	8.3	8.8	15.0	13.2	14.0	20.1	17.2	18.2	26.3	23.6	24.5
22	9.3	8.3	8.9	14.7	13.0	13.6	20.3	16.7	18.0	26.4	24.1	24.8
23	9.4	8.7	9.1	13.5	12.8	13.1	21.6	17.4	19.0	26.8	23.9	24.9
24	9.9	8.9	9.4	13.4	12.4	13.0	21.5	17.6	19.2	26.7	24.3	25.2
25	9.9	9.4	9.6	15.0	12.9	13.7	22.0	18.9	20.0	27.7	24.6	25.6
26	9.5	8.3	8.9	15.4	13.4	14.3	20.9	18.6	19.4	27.3	24.9	25.7
27	8.4	7.6	8.1	15.7	14.4	14.8	20.8	18.3	19.4	27.5	24.9	25.9
28	8.6	7.5	8.1	16.9	14.8	15.7	21.0	18.6	19.7	27.1	25.2	25.9
29	9.5	7.2	7.9	17.7	15.4	16.4	21.2	18.8	20.0	27.5	25.3	26.1
30	---	---	---	17.6	14.2	16.1	20.8	19.5	20.1	28.2	25.7	26.5
31	---	---	---	15.3	14.0	14.6	---	---	---	27.4	26.0	26.4
MONTH	9.9	5.2	7.8	17.7	6.9	12.7	22.0	13.2	16.8	28.2	18.2	23.4

SANTEE RIVER BASIN

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	27.2	25.3	26.1	27.5	26.4	27.1	30.0	29.1	29.6	28.4	27.8	28.0
2	27.8	25.9	26.5	28.3	27.1	27.5	30.1	29.4	29.7	28.2	27.5	27.8
3	27.4	25.8	26.5	27.8	27.1	27.4	30.4	29.3	29.7	28.0	27.0	27.6
4	27.0	25.8	26.3	28.2	26.9	27.4	31.2	29.5	30.2	28.0	26.8	27.7
5	27.2	26.0	26.5	29.4	26.8	27.6	30.6	29.3	30.0	28.0	26.8	27.6
6	27.3	26.4	26.8	29.5	27.2	28.0	29.8	28.7	29.3	27.9	26.6	27.4
7	27.3	26.6	26.8	28.9	27.8	28.3	29.4	27.9	28.6	27.4	25.9	26.9
8	27.6	26.1	26.9	29.5	27.7	28.4	28.9	27.9	28.5	27.0	23.4	24.7
9	27.1	26.1	26.6	30.2	27.6	28.7	29.1	27.9	28.5	---	---	---
10	27.2	26.3	26.7	30.7	28.5	29.1	28.8	28.0	28.5	---	---	---
11	28.3	26.3	27.0	30.2	28.4	29.2	28.7	28.0	28.4	---	---	---
12	28.2	26.8	27.4	30.0	28.6	29.1	28.6	27.7	28.1	---	---	---
13	28.2	27.1	27.6	29.9	28.4	29.3	27.9	27.1	27.7	---	---	---
14	27.8	26.6	27.0	30.5	29.2	29.7	28.4	26.6	27.8	---	---	---
15	28.3	26.4	27.2	29.8	28.4	29.1	28.3	25.5	27.1	---	---	---
16	28.8	27.1	27.5	30.1	28.5	29.3	28.0	25.6	27.1	26.7	23.7	26.2
17	28.8	27.0	27.5	29.4	28.6	29.0	28.0	26.9	27.6	26.4	23.8	25.6
18	28.9	26.9	27.7	29.4	28.4	28.9	28.6	27.3	27.9	25.9	23.5	25.1
19	29.5	27.4	28.1	29.2	28.6	28.9	29.0	27.8	28.3	24.7	21.6	22.7
20	29.7	27.8	28.7	30.0	28.5	29.1	29.3	27.9	28.4	23.7	20.8	21.7
21	28.9	27.0	27.8	30.0	28.8	29.4	28.6	28.0	28.3	25.1	21.0	22.6
22	28.8	26.8	27.6	30.0	29.0	29.5	28.4	27.9	28.1	25.0	21.1	23.7
23	27.7	27.2	27.4	30.5	28.9	29.6	28.8	27.6	28.1	24.6	21.8	23.8
24	27.8	26.7	27.2	30.6	29.6	30.0	28.7	27.9	28.3	24.9	22.2	24.1
25	28.5	27.1	27.6	30.4	29.5	30.0	28.9	27.8	28.3	25.0	23.2	24.6
26	27.8	27.0	27.3	30.4	29.5	29.9	29.2	28.3	28.6	25.0	23.0	24.5
27	27.8	25.9	27.2	29.7	29.0	29.4	28.8	28.0	28.5	24.7	23.8	24.3
28	27.4	25.9	27.0	29.8	28.7	29.3	29.0	28.3	28.7	24.6	22.8	24.0
29	28.7	25.9	27.2	29.6	29.0	29.2	29.0	28.0	28.5	23.1	21.6	22.2
30	27.8	26.7	27.3	29.8	28.5	29.1	29.1	27.6	28.2	23.5	21.0	22.1
31	---	---	---	30.2	28.6	29.4	28.4	27.9	28.1	---	---	---
MONTH	29.7	25.3	27.2	30.7	26.4	28.9	31.2	25.5	28.5	---	---	---

SANTEE RIVER BASIN

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.6	6.3	6.8	8.2	7.2	7.6	10.3	9.0	9.3	---	---	---
2	7.5	6.4	6.8	8.4	7.4	7.7	10.8	9.0	9.6	---	---	---
3	---	---	---	8.6	7.3	7.9	10.5	9.0	9.5	---	---	---
4	---	---	---	8.4	7.8	8.0	10.2	9.0	9.6	---	---	---
5	---	---	---	7.9	7.5	7.7	10.0	9.3	9.7	---	---	---
6	---	---	---	7.6	7.2	7.5	10.5	9.5	9.9	---	---	---
7	7.0	6.4	6.7	7.6	7.2	7.4	10.0	9.4	9.7	10.3	10.0	10.2
8	7.1	6.5	6.7	7.9	7.5	7.7	10.8	9.7	10.3	10.3	9.8	10.0
9	7.2	6.6	6.8	8.5	7.7	8.1	10.7	9.9	10.2	10.8	9.9	10.2
10	7.2	6.7	6.9	8.6	7.8	8.2	10.9	9.7	10.2	10.8	10.3	10.5
11	7.7	6.8	7.1	8.1	7.6	7.9	10.6	9.6	10.0	10.8	9.9	10.2
12	7.8	6.8	7.2	8.5	7.8	8.1	10.7	9.2	10.0	10.8	10.3	10.5
13	7.9	6.8	7.2	8.9	8.0	8.3	11.3	9.8	10.4	10.9	10.3	10.5
14	7.3	6.6	7.0	8.7	8.2	8.5	11.3	9.8	10.4	10.9	10.3	10.6
15	7.7	6.8	7.2	8.3	8.1	8.2	11.0	9.9	10.3	11.4	10.5	10.7
16	7.6	7.0	7.2	8.8	8.1	8.3	11.1	9.7	10.2	10.6	10.3	10.5
17	7.7	6.8	7.0	8.8	8.0	8.4	11.8	10.2	11.0	10.7	10.4	10.5
18	7.8	6.9	7.2	8.7	7.9	8.2	11.0	9.8	10.3	10.9	10.1	10.4
19	8.1	7.4	7.6	8.6	7.9	8.2	11.3	10.1	10.7	11.1	10.3	10.6
20	8.3	7.4	7.8	8.4	7.8	8.0	11.2	10.1	10.6	10.9	10.3	10.5
21	8.7	7.2	7.7	8.8	7.9	8.2	11.2	9.9	10.6	10.9	10.3	10.5
22	8.2	7.3	7.6	8.6	7.8	8.2	11.5	10.4	11.1	11.0	10.3	10.6
23	7.9	7.3	7.5	9.2	7.8	8.3	11.4	10.1	10.9	11.3	10.4	10.8
24	8.2	7.4	7.7	9.3	8.2	8.6	11.4	10.1	10.6	11.6	10.5	10.9
25	8.1	7.5	7.7	9.2	8.3	8.6	11.8	10.6	11.0	11.7	10.6	11.0
26	8.7	7.6	7.9	9.0	8.2	8.6	10.9	9.3	10.0	---	---	---
27	8.5	7.4	7.7	10.0	8.6	9.1	---	---	---	---	---	---
28	8.3	7.1	7.5	10.6	9.5	9.9	---	---	---	---	---	---
29	8.5	7.7	7.9	10.6	9.3	10.2	---	---	---	---	---	---
30	8.3	7.3	7.7	9.8	8.9	9.2	---	---	---	---	---	---
31	8.0	7.0	7.4	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	10.6	7.2	8.3	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	10.9	10.2	10.6	8.9	8.8	8.8	8.1	7.6	7.9
2	---	---	---	10.8	10.2	10.5	8.9	8.6	8.8	8.0	7.6	7.8
3	10.9	10.6	10.8	10.5	10.0	10.2	8.9	8.5	8.7	8.2	7.3	7.7
4	11.1	10.5	10.8	10.0	9.4	9.7	9.2	8.6	8.9	8.0	7.6	7.8
5	11.2	10.6	10.9	10.2	9.5	9.8	9.3	8.8	9.0	8.2	7.6	7.9
6	11.1	10.5	10.8	9.9	9.0	9.6	9.1	8.8	8.9	8.7	7.6	7.9
7	11.0	10.3	10.7	9.0	8.5	8.7	9.1	8.8	9.0	8.8	7.9	8.2
8	11.4	10.5	11.0	10.2	8.5	9.4	9.0	8.6	8.9	8.8	7.9	8.3
9	11.2	10.4	10.9	10.2	9.4	9.8	9.2	8.5	8.8	8.6	7.8	8.2
10	10.8	10.4	10.5	10.2	9.5	9.8	9.3	8.6	8.9	8.7	7.7	8.2
11	10.9	10.3	10.7	10.0	9.6	9.8	9.3	8.5	8.8	8.5	7.7	8.2
12	10.7	10.3	10.4	9.9	9.7	9.8	9.0	8.4	8.7	8.4	7.5	8.1
13	10.6	10.3	10.5	10.0	9.6	9.8	9.1	8.4	8.8	8.4	7.7	8.1
14	10.5	10.1	10.2	10.0	9.8	9.9	8.9	8.5	8.7	8.2	7.5	7.9
15	10.3	9.9	10.1	10.0	9.5	9.8	8.8	8.5	8.6	8.5	7.6	7.9
16	10.4	9.9	10.2	10.0	9.6	9.8	8.8	8.2	8.4	8.6	7.5	7.9
17	10.3	10.0	10.2	10.0	9.7	9.8	8.4	7.8	8.1	8.0	7.5	7.8
18	10.2	10.0	10.1	9.9	9.5	9.7	8.2	7.7	8.0	7.9	7.3	7.7
19	10.3	10.0	10.1	9.8	9.4	9.5	8.3	7.9	8.1	8.0	7.5	7.7
20	10.5	10.1	10.3	9.8	9.4	9.6	8.3	7.8	8.0	8.1	7.3	7.6
21	10.3	10.1	10.2	9.7	9.2	9.6	8.4	7.6	8.1	7.8	7.0	7.3
22	10.2	9.9	10.1	9.8	9.1	9.5	8.3	7.6	8.0	7.6	6.8	7.1
23	10.1	9.7	9.9	9.8	9.6	9.7	8.5	7.4	7.9	7.4	6.6	7.0
24	10.1	9.6	9.9	9.8	9.4	9.5	8.4	7.7	8.0	7.4	6.7	7.0
25	10.1	9.5	9.8	9.7	9.3	9.5	8.2	7.6	8.0	7.6	6.4	7.0
26	10.2	9.7	10.0	9.6	9.2	9.4	7.9	7.6	7.7	7.5	6.3	6.9
27	10.3	10.0	10.1	9.6	9.3	9.5	7.9	7.5	7.7	7.6	6.2	6.8
28	10.3	10.0	10.1	9.6	9.3	9.5	8.1	7.1	7.8	---	---	---
29	10.7	10.1	10.4	9.4	9.1	9.3	8.1	7.6	7.8	---	---	---
30	---	---	---	9.3	8.4	8.8	8.2	7.6	7.9	---	---	---
31	---	---	---	9.0	8.6	8.9	---	---	---	---	---	---
MONTH	---	---	---	10.9	8.4	9.6	9.3	7.1	8.4	---	---	---

SANTEE RIVER BASIN

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	6.2	5.4	5.7	6.3	5.3	5.8	5.6	5.2	5.4
2	---	---	---	6.1	5.3	5.6	6.0	5.2	5.7	6.2	5.1	5.6
3	---	---	---	6.3	5.2	5.6	6.3	4.9	5.5	6.4	5.9	6.1
4	---	---	---	6.0	5.0	5.4	6.1	3.4	5.4	6.1	5.6	5.9
5	---	---	---	6.2	4.8	5.5	5.4	3.9	4.6	6.4	5.8	6.1
6	---	---	---	6.7	5.0	5.6	6.5	4.1	5.6	6.4	5.8	6.1
7	---	---	---	5.9	4.8	5.3	6.5	5.8	6.2	6.7	5.7	6.2
8	---	---	---	5.7	4.5	5.0	6.8	5.2	5.9	6.5	4.6	5.6
9	---	---	---	6.0	4.0	4.8	6.5	4.8	5.4	---	2.0	---
10	---	---	---	5.9	4.2	4.9	6.5	4.0	4.9	---	---	---
11	---	---	---	5.7	4.0	4.9	4.6	3.8	4.3	---	---	---
12	---	---	---	5.6	3.2	4.7	5.8	3.9	5.0	---	---	---
13	---	---	---	5.4	3.5	4.4	6.1	4.9	5.3	---	---	---
14	---	---	---	6.1	3.7	4.9	6.3	5.0	5.4	---	---	---
15	---	---	---	5.8	4.3	5.0	6.0	5.2	5.6	---	---	---
16	5.4	4.6	5.1	6.4	4.6	5.2	6.5	5.4	5.8	7.2	6.2	6.6
17	5.8	4.5	5.0	5.1	2.1	3.7	6.1	5.4	5.7	7.6	6.4	6.7
18	---	---	---	6.0	2.3	5.0	6.0	5.4	5.6	7.3	6.3	6.5
19	---	---	---	5.8	2.5	4.9	6.5	5.5	5.9	7.8	6.9	7.6
20	---	---	---	6.5	4.7	5.3	6.9	5.2	6.0	7.8	7.1	7.6
21	---	---	---	6.4	4.7	5.6	6.1	5.1	5.7	7.9	6.9	7.3
22	6.0	4.9	5.2	6.4	4.6	5.4	5.9	5.1	5.5	8.0	6.3	7.0
23	5.8	4.8	5.1	6.0	4.3	4.9	6.1	5.2	5.6	7.6	6.3	7.0
24	6.0	4.9	5.3	6.2	4.8	5.4	6.0	5.2	5.6	7.9	6.5	7.1
25	6.1	5.1	5.6	6.0	5.0	5.4	6.2	5.0	5.5	7.5	6.5	7.1
26	5.9	5.2	5.5	6.3	4.9	5.4	7.0	5.7	6.0	7.4	6.8	7.1
27	6.1	4.9	5.5	5.5	3.6	4.8	6.5	5.7	6.1	---	---	---
28	6.2	5.3	5.7	5.6	4.3	4.8	6.5	5.6	6.0	---	---	---
29	6.5	5.4	5.9	5.7	4.3	4.8	6.1	5.5	5.8	---	---	---
30	6.2	5.4	5.7	5.2	4.4	4.7	6.4	5.6	6.0	---	---	---
31	---	---	---	6.4	4.6	5.3	5.9	5.3	5.6	---	---	---
MONTH	---	---	---	6.7	2.1	5.1	7.0	3.4	5.6	---	---	---

02161000 BROAD RIVER AT ALSTON, SC

LOCATION.--Lat 34°14'35'', long 81°19'11'', Fairfield County, Hydrologic Unit 03050106, on left bank at Southern Railway Alston-Peak trestle, 1.2 mi downstream from Parr Shoals Dam, and at mile 200.2.

DRAINAGE AREA.--4,790 mi².

PERIOD OF RECORD.--October 1896 to December 1907, October 1980 to current year.

REVISED RECORDS.--WRD SC-82-1: 1982(M).

GAGE.--Data collection platform. Datum of gage is 211.91 ft above NGVD of 1929. Oct. 1, 1896 to Dec. 31, 1907, nonrecording gage at same site at different datum.

REMARKS.--Records good except for estimated daily discharges, which are poor. Records for the 1897-1908 water years are poor. Regulation at low and medium flow by powerplants above station.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3170	2550	3460	3690	2900	9720	4060	2880	1280	3610	3270	1770
2	3070	2420	4090	3130	3010	7410	4510	4140	2650	3770	2480	3030
3	1740	3220	3600	2990	2910	6830	4410	6280	2910	4980	2260	1560
4	2280	2830	3400	2910	4900	5500	4240	4670	1840	5240	2710	3400
5	2300	3250	2250	3790	5240	4320	2790	3710	1550	5470	1000	2170
6	3300	2290	4260	3100	5830	4040	3120	2770	1570	3690	1980	2560
7	3580	2700	4100	3020	15500	4100	3430	3180	1870	3460	2130	3270
8	2370	3190	3770	3500	25000	4280	3760	2880	969	3490	1680	35900
9	2940	4210	3820	4280	15800	4580	3280	2800	2890	2700	2220	66700
10	2690	3730	3240	3420	8700	4480	2920	3140	2010	2310	1250	90500
11	3490	2610	4430	4150	5530	3950	2920	2700	2590	2570	846	54700
12	4030	2040	6170	2940	8060	2950	2670	3020	1690	3170	1760	16100
13	3720	e3090	7140	3540	9460	3960	3110	2410	3090	1690	2460	8690
14	3910	e3200	6440	3300	4910	3260	9390	e2440	5130	2540	7330	6470
15	3560	2450	7700	2510	7500	3720	11000	e2300	2700	2640	2670	7810
16	2700	2390	9050	2520	12100	3270	5450	e2000	7800	2940	2970	9150
17	3900	3690	4760	3160	8830	3460	4620	e2100	12500	1640	1970	5880
18	1660	2120	5320	3380	6000	4100	4200	e2400	5480	2430	1210	9790
19	1650	3190	5220	3740	4510	3180	3600	e2600	4320	2410	1700	9900
20	3550	6370	5460	3340	6540	3490	2890	3190	3150	2490	2670	11200
21	3010	12200	5280	e3230	4430	3710	4010	3050	3310	2550	1670	8900
22	2250	5120	3540	e2830	4720	3130	e3070	2560	4690	2660	1560	3630
23	3410	4490	3580	2840	4270	2790	e4620	2790	6500	1910	3070	5440
24	2610	4610	4440	3270	4130	3280	3230	2360	6600	1930	2390	5980
25	2050	4200	3770	3210	3980	2790	2750	1790	5750	1390	1560	3620
26	2060	3680	3450	3080	4540	3150	2930	1760	10000	2120	2070	4690
27	3450	4050	4330	3520	4580	3060	2620	2000	14000	1460	2020	4370
28	3930	3620	3750	3570	4530	3380	3230	2420	4860	2720	1140	13200
29	3070	3200	3130	3890	4430	3120	3390	1810	4900	3070	2300	20700
30	3750	2940	3080	3380	---	3030	2680	1600	4220	3710	1320	21000
31	3780	---	4050	3120	---	3140	---	1770	---	3740	938	---
TOTAL	92980	109650	140080	102350	202840	125180	118900	85520	132819	90500	66604	442080
MEAN	2999	3655	4519	3302	6994	4038	3963	2759	4427	2919	2149	14740
MAX	4030	12200	9050	4280	25000	9720	11000	6280	14000	5470	7330	90500
MIN	1650	2040	2250	2510	2900	2790	2620	1600	969	1390	846	1560
CFSM	0.63	0.76	0.94	0.69	1.46	0.84	0.83	0.58	0.92	0.61	0.45	3.08
IN.	0.72	0.85	1.09	0.79	1.58	0.97	0.92	0.66	1.03	0.70	0.52	3.43

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1897 - 2004, BY WATER YEAR (WY)

	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908
MEAN	4122	4415	6601	7875	10150	10670	8259	5578	5321	3830	5467	4008
MAX	17360	14500	15680	18770	22650	25610	20430	14830	20820	9319	27730	17100
(WY)	1991	1993	1908	1906	1903	1903	1901	2003	1903	1905	1901	1901
MIN	1059	1276	1894	2517	2537	3685	2864	1783	968	849	546	1042
(WY)	2002	2002	2002	2001	2001	1981	1986	2001	2002	2002	2002	1999

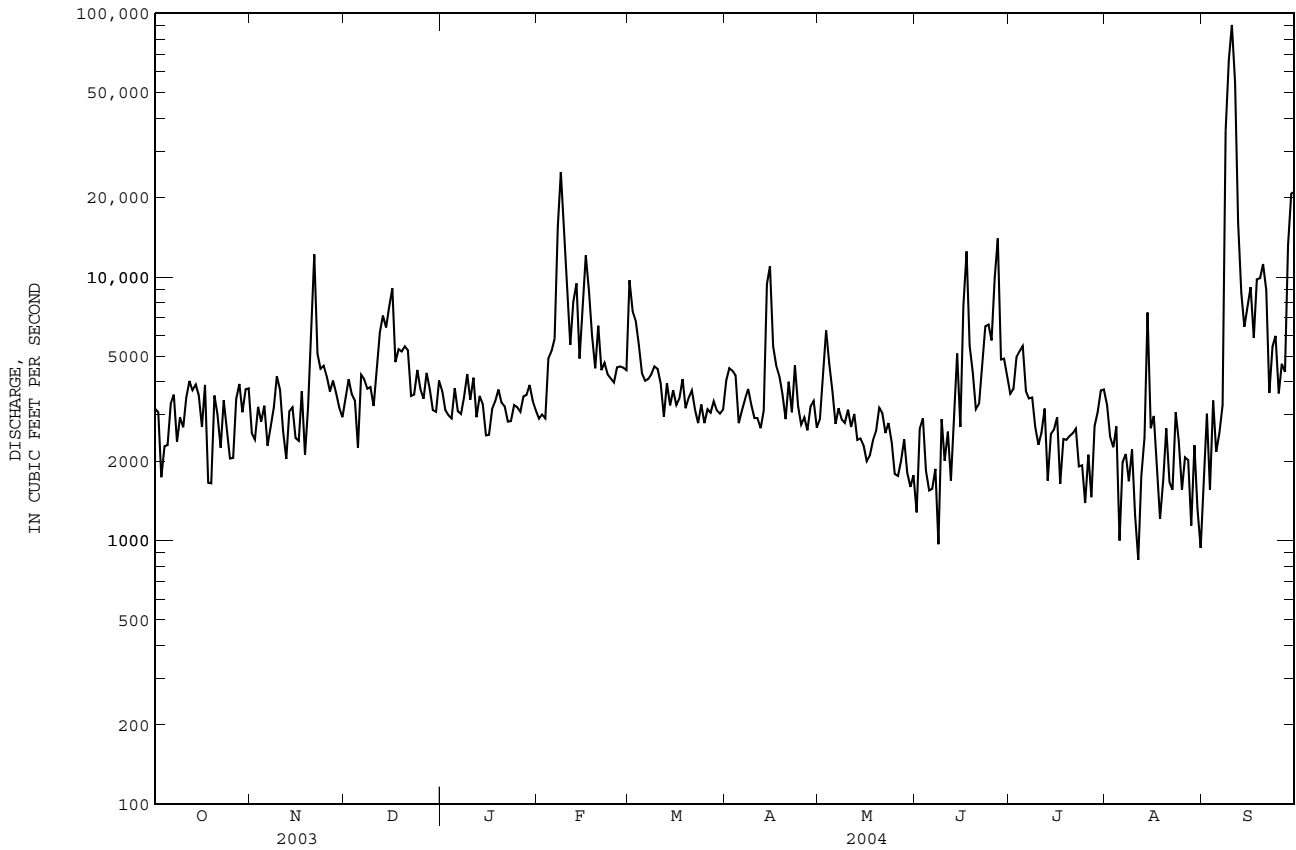
SANTEE RIVER BASIN

02161000 BROAD RIVER AT ALSTON, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1897 - 2004	
ANNUAL TOTAL	3208760		1709503		6318	
ANNUAL MEAN	8791		4671		11750	
HIGHEST ANNUAL MEAN					2153	
LOWEST ANNUAL MEAN					130000	
HIGHEST DAILY MEAN	91600	Mar 22	90500	Sep 10	130000	Jun 7 1903
LOWEST DAILY MEAN	1650	Oct 19	846	Aug 11	48	Sep 12 2002
ANNUAL SEVEN-DAY MINIMUM	2590	Oct 18	1590	Aug 5	200	Aug 11 2002
MAXIMUM PEAK FLOW			93600		140000	
MAXIMUM PEAK STAGE			24.37		a 29.02	
ANNUAL RUNOFF (CFSM)	1.84		0.975		1.32	
ANNUAL RUNOFF (INCHES)	24.92		13.28		17.92	
10 PERCENT EXCEEDS	18600		7200		12200	
50 PERCENT EXCEEDS	5210		3280		4160	
90 PERCENT EXCEEDS	2800		1960		1610	

a At datum then in use.

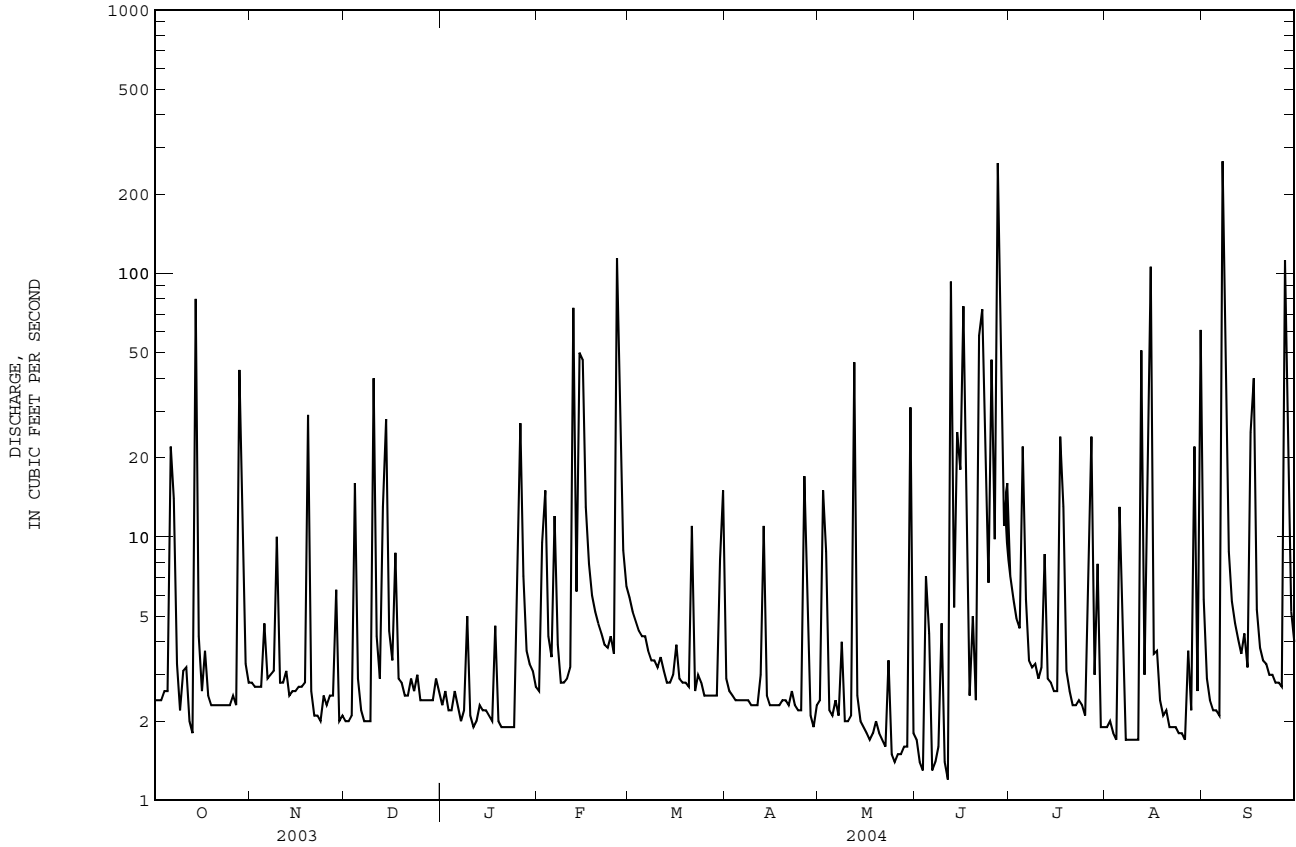
e Estimated



SANTEE RIVER BASIN

02162093 SMITH BRANCH AT NORTH MAIN STREET AT COLUMBIA, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1977 - 2004	
ANNUAL TOTAL	3887.0		3386.2		9.37	
ANNUAL MEAN	10.6		9.25		14.8	
HIGHEST ANNUAL MEAN					5.42	
LOWEST ANNUAL MEAN					1991	
HIGHEST DAILY MEAN	174	Mar 20	266	Sep 7	335	Jun 11 1995
LOWEST DAILY MEAN	1.8	Aug 30	1.2	Jun 11	0.74	Oct 15 2001
ANNUAL SEVEN-DAY MINIMUM	2.0	Aug 25	1.8	May 16	0.83	Oct 15 2001
MAXIMUM PEAK FLOW			2180	Jun 27	2180	Jun 27 2004
MAXIMUM PEAK STAGE			11.91	Jun 27	11.91	Jun 27 2004
ANNUAL RUNOFF (CFSM)	1.88		1.63		1.65	
ANNUAL RUNOFF (INCHES)	25.50		22.22		22.46	
10 PERCENT EXCEEDS	26		17		19	
50 PERCENT EXCEEDS	3.8		2.8		3.7	
90 PERCENT EXCEEDS	2.2		1.9		1.7	



SANTEE RIVER BASIN

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02162100 BROAD RIVER DIVERSION DAM AT COLUMBIA, SC

LOCATION.--Lat 34°02'00'', long 81°04'09'', Richland County, Hydrologic Unit 03050106, at Diversion Dam, 1.7 mi above confluence of Broad and Saluda Rivers, 3.0 mi northwest of Columbia, and at mile 177.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--October 1986 to current year. Records for October 1981 to September 1986 are in files of the U.S. Geological Survey.

GAGE.--Water-stage recorder. Datum of gage is 100.00 ft above NGVD of 1929. Prior to Oct. 1, 1987, at datum 43.02 ft higher.

REMARKS.--Flow is regulated by Parr Shoals Reservoir (see sta. 02160990) and by gates at this station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 62.66 ft, Oct. 15, 1990; minimum gage height, 46.97 ft, Sep. 22, 1999.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 60.46 ft, Sep. 11; minimum gage height, 50.90 ft, June 2.

Gage height, feet
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	53.90	53.72	53.80	54.05	53.57	54.76	53.72	52.68	52.12	53.49	53.45	52.74
2	53.78	53.29	53.99	53.75	53.89	54.68	53.94	53.45	52.05	53.03	53.40	53.41
3	53.12	53.80	53.99	53.79	53.73	54.73	53.97	54.22	53.68	53.90	52.75	52.68
4	53.01	53.78	53.73	53.78	54.23	54.06	53.99	53.87	53.08	53.89	53.05	53.47
5	53.33	53.97	53.71	53.85	54.30	53.84	53.45	53.74	52.20	54.09	52.83	52.88
6	53.56	53.84	52.95	53.77	54.35	53.75	53.59	52.61	52.15	53.83	52.33	52.80
7	53.84	53.13	54.21	53.78	55.29	53.82	53.70	53.27	52.89	53.66	53.57	54.44
8	53.46	53.66	53.97	53.79	56.95	53.76	53.78	53.15	52.84	53.45	52.99	57.71
9	53.66	54.14	53.95	54.04	56.04	53.72	53.62	52.71	52.29	53.45	52.56	60.26
10	53.69	54.04	53.89	53.86	55.22	53.74	52.87	53.26	53.39	52.23	52.33	60.45
11	53.71	53.77	54.11	53.87	54.20	53.51	53.39	53.12	52.83	52.68	52.17	59.93
12	53.95	53.16	54.42	53.83	54.90	53.28	53.12	53.25	52.97	53.17	52.60	56.29
13	53.83	53.89	54.57	53.61	54.90	53.47	53.64	53.25	53.53	52.91	52.90	54.68
14	53.97	53.86	54.53	54.00	54.53	53.52	54.33	53.26	52.99	52.64	54.38	54.46
15	54.05	53.73	54.50	53.52	54.60	53.54	54.83	52.95	53.08	53.12	53.68	54.60
16	53.52	53.35	54.96	53.60	55.57	53.54	54.32	53.23	54.00	53.32	53.38	54.82
17	53.97	53.93	54.29	53.76	54.97	53.49	53.83	53.11	---	52.34	52.68	54.18
18	53.40	53.59	54.30	53.77	54.58	53.71	53.85	51.97	---	---	52.54	54.70
19	53.55	53.73	54.16	53.93	54.10	53.58	53.52	53.12	53.86	52.97	52.37	55.11
20	53.79	54.06	54.34	53.88	54.42	52.80	53.34	53.31	52.97	53.02	53.57	55.25
21	53.84	55.44	54.33	53.76	54.11	53.41	53.81	53.35	53.46	52.99	52.45	54.60
22	53.52	54.54	54.05	53.74	54.06	53.48	53.49	52.48	54.04	53.44	52.17	54.23
23	53.66	54.23	53.39	53.76	54.03	52.51	53.37	52.98	54.25	52.65	53.32	54.03
24	53.83	54.23	54.09	53.65	53.83	53.58	53.34	53.09	54.23	52.32	52.93	54.31
25	53.23	54.16	53.95	53.87	53.93	52.66	53.26	52.80	54.12	52.56	52.58	53.86
26	53.07	53.92	53.82	54.00	54.14	53.48	53.35	53.19	54.29	---	---	54.00
27	53.57	54.07	54.07	53.42	54.30	53.15	53.15	53.02	55.31	---	53.15	54.16
28	54.10	54.10	54.05	53.95	54.20	53.37	52.73	52.72	54.14	52.36	52.40	55.41
29	53.81	53.92	53.76	53.95	54.10	53.41	53.59	52.61	54.10	53.75	52.34	56.06
30	53.91	53.75	53.85	53.84	---	53.38	53.13	52.20	53.93	53.24	53.08	56.53
31	53.94	---	53.95	53.74	---	53.56	---	51.28	---	53.86	52.22	---
MEAN	53.66	53.89	54.05	53.80	54.52	53.59	53.60	53.01	---	---	---	55.07
MAX	54.10	55.44	54.96	54.05	56.95	54.76	54.83	54.22	---	---	---	60.45
MIN	53.01	53.13	52.95	53.42	53.57	52.51	52.73	51.28	---	---	---	52.68

SANTEE RIVER BASIN

02162110 BROAD RIVER DIVERSION CANAL (FOREBAY) AT COLUMBIA, SC

LOCATION.--Lat 33°59'59'', long 81°03'00'', Richland County, Hydrologic Unit 03050110, on right bank of the diversion canal, approximately 300 ft above Gervais Street Bridge, at South Carolina Electric and Gas hydroelectric power plant on the left bank of Congaree River.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--October 1985 to current year. Records for May 1975 to September 1985 are in the files of the U.S. Geological Survey.

GAGE.--Water-stage recorder. Datum of gage is 100.00 ft above NGVD of 1929.

REMARKS.--Stage regulated by South Carolina Electric and Gas hydroelectric plant operations.

EXTREMES FOR PERIOD OF RECORD.-- Maximum gage height, 54.79 ft, Feb. 25, 1994; minimum gage height, 45.17 ft, Dec. 29, 1988.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 59.17 ft, Jul. 28; minimum gage height, 49.41 ft, Mar. 4.

Gage height, feet
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	52.10	51.86	51.94	51.55	51.71	51.39	52.62	51.46	51.76	51.84	52.00	52.33
2	52.16	51.76	51.31	51.59	52.26	51.53	52.79	51.95	51.75	51.62	52.21	52.16
3	52.12	52.15	51.28	51.93	52.14	51.64	52.64	52.51	53.11	51.79	51.82	51.88
4	51.64	52.18	51.61	51.97	51.98	51.50	52.58	51.99	52.44	51.48	52.02	52.01
5	52.00	52.43	51.56	51.55	51.53	51.91	52.32	51.93	51.81	52.01	52.16	51.45
6	51.91	52.35	51.59	51.28	51.54	52.20	52.52	51.65	51.81	52.23	52.08	51.62
7	51.48	51.96	51.48	---	51.41	52.38	52.60	52.09	52.53	52.25	52.88	52.36
8	52.01	52.14	51.52	---	52.43	52.11	52.30	51.71	52.59	51.96	52.24	52.11
9	52.00	51.93	51.47	51.52	52.02	51.62	52.13	51.62	51.94	51.99	52.09	53.35
10	51.98	51.61	51.56	51.00	51.58	51.64	51.59	52.20	52.79	51.38	51.58	53.76
11	51.63	---	51.69	51.01	51.43	51.72	51.83	52.27	52.34	51.72	51.91	53.82
12	51.35	---	51.26	51.34	51.72	51.98	52.37	52.14	52.34	51.64	52.03	52.69
13	51.34	52.39	51.69	51.53	51.64	52.00	52.57	52.29	52.73	51.82	51.63	52.16
14	51.74	52.04	51.14	51.83	51.58	52.13	52.69	52.54	52.03	52.06	52.77	51.79
15	52.18	52.14	51.27	51.76	52.00	52.32	52.59	52.27	---	51.87	52.04	51.80
16	52.07	51.91	51.42	52.02	51.87	52.25	52.52	52.32	---	52.03	51.83	51.97
17	51.73	---	50.95	51.96	51.62	52.22	51.84	52.40	52.35	51.26	51.49	51.72
18	51.86	52.07	51.21	51.29	51.38	52.24	51.98	51.77	51.79	51.71	51.92	51.98
19	53.00	52.08	51.10	51.36	51.35	52.18	52.06	52.76	51.86	51.82	52.02	52.11
20	52.39	51.86	51.40	51.50	51.35	51.84	52.29	52.54	51.71	51.83	52.23	51.86
21	51.77	52.47	51.63	51.61	51.62	51.59	52.71	52.09	52.34	52.05	51.77	51.55
22	52.06	51.88	51.50	51.83	51.07	51.63	52.07	51.65	52.94	52.14	51.53	52.06
23	---	51.77	51.43	51.92	50.97	51.88	52.22	51.96	52.74	51.88	52.42	51.23
24	---	51.98	51.30	51.98	51.14	52.17	52.06	52.18	52.15	51.52	51.98	52.09
25	52.08	51.86	51.15	52.06	51.12	51.69	52.35	52.32	51.98	51.98	51.88	51.57
26	51.78	51.77	51.32	52.08	51.18	52.53	52.41	52.92	52.14	51.88	52.09	51.32
27	52.00	51.78	51.79	51.72	51.19	51.98	52.05	52.60	52.78	52.07	52.06	51.96
28	51.86	52.23	51.57	51.39	51.05	52.08	51.87	52.23	51.76	52.03	51.82	52.30
29	51.81	52.04	51.63	51.31	50.97	52.33	52.44	52.08	51.93	52.01	51.83	52.64
30	51.44	51.82	52.09	51.21	---	52.37	51.99	51.69	51.90	51.76	52.14	52.57
31	51.45	---	51.90	51.21	---	52.60	---	50.81	---	52.19	51.90	---
MAX	---	---	52.09	---	52.43	52.60	52.79	52.92	---	52.25	52.88	53.82
MIN	---	---	50.95	---	50.97	51.39	51.59	50.81	---	51.26	51.49	51.23

02162290 SOUTH SALUDA RIVER NEAR CLEVELAND, SC

LOCATION.--Lat 35°03'48'', long 82°39'01'', Greenville County, Hydrologic Unit 03050109, on left bank, downstream side of bridge at Saluda Hill Church Road, 7.75 mi west of Cleveland, and 1.5 mi downstream of Table Rock Cove.

DRAINAGE AREA.--17.8 mi².

PERIOD OF RECORD.--February 2000 to current year.

GAGE.--Data collection platform. Elevation of gage is 1,080 ft above NGVD of 1929 (from topographic map).

REMARKS.--Records fair except for estimated daily discharges, which are poor.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10	11	23	18	7.2	30	7.0	12	8.9	18	10	9.0
2	10	11	22	17	8.4	31	6.4	13	7.7	14	9.2	19
3	10	11	20	16	28	30	6.2	12	7.3	14	8.9	7.2
4	10	11	33	18	24	30	6.4	11	8.1	12	8.0	5.6
5	10	14	47	25	22	30	6.2	11	7.4	11	7.9	5.2
6	10	24	40	22	243	30	6.3	11	7.5	10	7.6	5.4
7	10	14	31	16	192	30	6.7	10	7.7	9.3	7.4	260
8	10	13	26	13	91	29	6.7	10	7.2	10	7.3	2730
9	10	12	22	14	62	23	6.6	12	7.6	9.4	7.1	570
10	10	11	152	13	48	8.9	7.0	11	7.1	8.5	7.1	316
11	11	11	152	12	39	12	8.5	9.8	7.3	12	7.0	245
12	10	11	88	13	46	12	10	7.7	7.0	12	8.7	229
13	10	11	67	10	41	11	23	12	7.2	11	7.7	95
14	11	11	86	9.9	34	11	25	11	9.5	9.6	6.7	63
15	11	11	70	11	36	12	22	8.9	13	8.6	6.4	151
16	11	11	57	8.5	34	9.3	18	12	13	8.0	6.4	204
17	11	11	74	7.4	29	6.0	12	12	9.2	7.7	6.2	e450
18	11	11	60	13	25	5.7	12	15	9.2	7.7	6.2	e200
19	11	104	51	14	22	5.7	12	12	9.0	7.5	6.3	e200
20	11	25	39	12	24	5.5	12	10	9.3	7.4	6.4	e200
21	11	17	34	7.7	19	5.5	11	9.4	11	7.1	7.1	e105
22	11	15	32	10	17	5.4	11	8.5	30	6.8	6.9	74
23	11	14	30	8.0	23	5.5	11	8.6	15	6.6	6.6	114
24	11	17	37	7.3	30	5.4	11	9.1	12	6.5	7.4	135
25	11	15	29	9.4	30	5.3	11	8.2	20	6.7	7.1	131
26	13	14	24	15	30	5.3	12	8.3	21	7.0	6.6	126
27	13	14	22	14	30	5.2	11	8.0	14	9.0	6.4	141
28	11	22	21	12	30	5.4	11	7.6	16	8.7	6.8	196
29	11	18	20	9.2	30	5.4	11	7.5	12	7.9	7.1	141
30	11	18	26	9.2	---	6.6	11	7.9	15	9.7	7.0	132
31	11	---	21	7.9	---	8.8	---	9.8	---	11	6.3	---
TOTAL	333	513	1456	392.5	1294.6	425.9	331.0	316.3	336.2	294.7	223.8	7259.4
MEAN	10.7	17.1	47.0	12.7	44.6	13.7	11.0	10.2	11.2	9.51	7.22	242
MAX	13	104	152	25	243	31	25	15	30	18	10	2730
MIN	10	11	20	7.3	7.2	5.2	6.2	7.5	7.0	6.5	6.2	5.2
CFSM	0.60	0.96	2.64	0.71	2.51	0.77	0.62	0.57	0.63	0.53	0.41	13.6
IN.	0.70	1.07	3.04	0.82	2.70	0.89	0.69	0.66	0.70	0.62	0.47	15.15

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2000 - 2004, BY WATER YEAR (WY)

	2000	2001	2002	2003	2004
MEAN	7.23	9.92	19.3	10.4	18.7
MAX	10.7	17.1	47.0	16.1	44.6
(WY)	2004	2004	2004	2003	2004
MIN	2.76	4.71	4.33	4.64	5.27
(WY)	2001	2002	2001	2001	2001

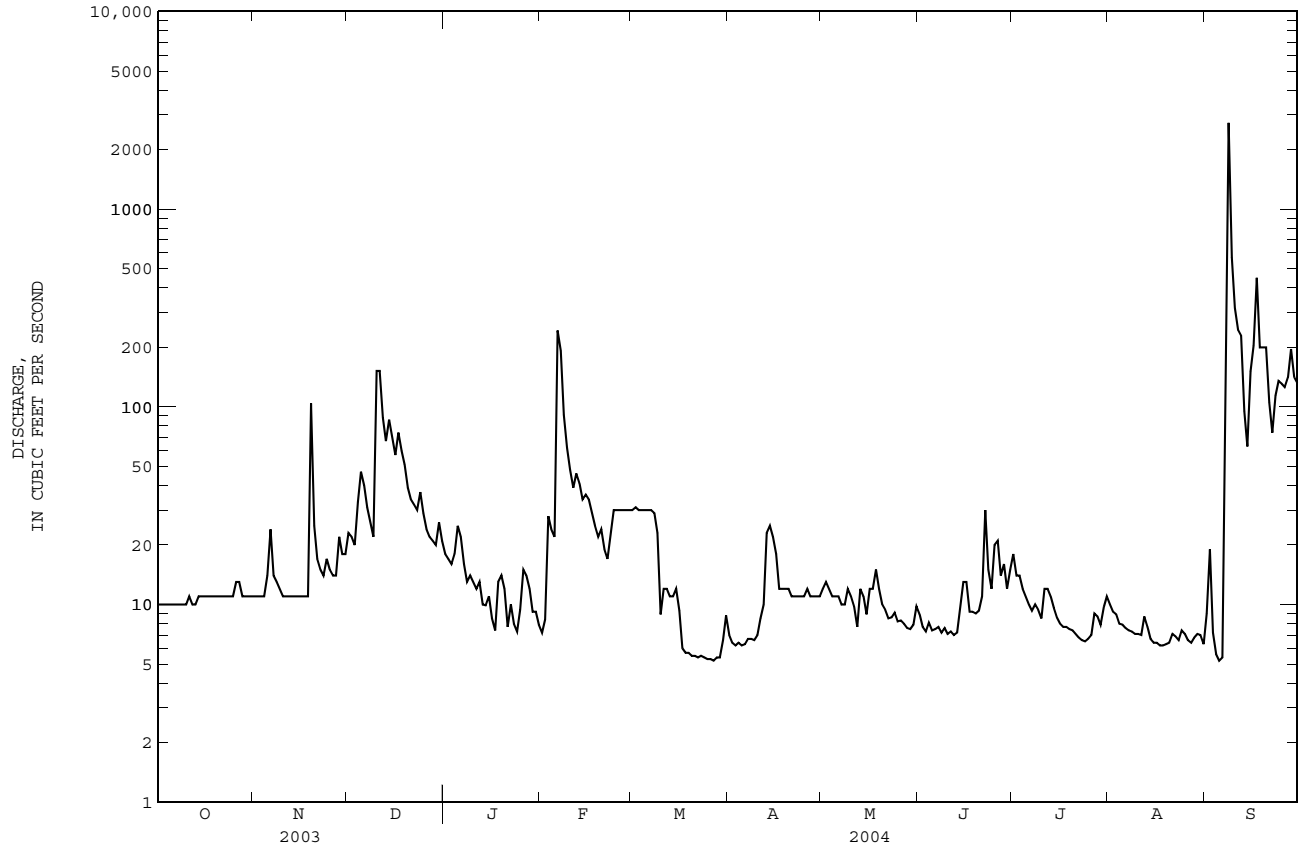
SANTEE RIVER BASIN

02162290 SOUTH SALUDA RIVER NEAR CLEVELAND, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 2000 - 2004	
ANNUAL TOTAL	15749.2		13176.4		22.1	
ANNUAL MEAN	43.1		36.0		40.3	
HIGHEST ANNUAL MEAN					4.79	
LOWEST ANNUAL MEAN					2730	
HIGHEST DAILY MEAN	e	830 Jul 2	2730	Sep 8	2730	Sep 8 2004
LOWEST DAILY MEAN		5.1 Jan 18	a	5.2 Mar 27	1.3	Oct 8 2000
ANNUAL SEVEN-DAY MINIMUM		5.8 Jan 14		5.4 Mar 22	1.5	Jul 12 2001
MAXIMUM PEAK FLOW			3720	Sep 8	3720	Sep 8 2004
MAXIMUM PEAK STAGE			9.58	Sep 8	9.58	Sep 8 2004
ANNUAL RUNOFF (CFSM)	2.42		2.02		1.24	
ANNUAL RUNOFF (INCHES)	32.88		27.51		16.86	
10 PERCENT EXCEEDS	88		61		47	
50 PERCENT EXCEEDS	25		11		8.0	
90 PERCENT EXCEEDS	9.2		6.7		3.4	

a Also occurred Sep. 5.

e Estimated

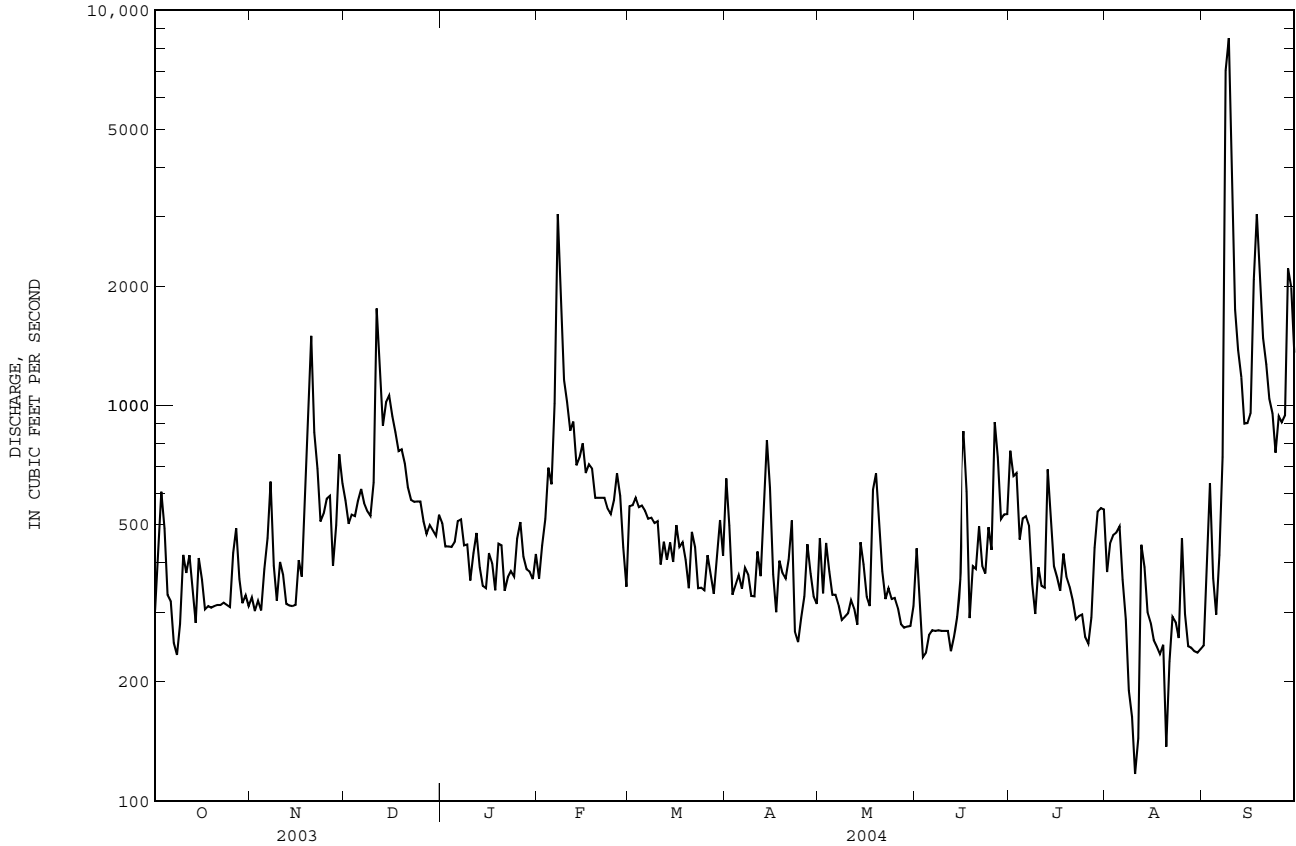


SANTEE RIVER BASIN

02162500 SALUDA RIVER NEAR GREENVILLE, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1942 - 2004	
ANNUAL TOTAL	283101		206154			
ANNUAL MEAN	776		563		627	
HIGHEST ANNUAL MEAN					965	1949
LOWEST ANNUAL MEAN					236	2001
HIGHEST DAILY MEAN	3780	Mar 20	8500	Sep 9	8580	Oct 7 1949
LOWEST DAILY MEAN	234	Oct 8	117	Aug 10	36	Oct 29 1998
ANNUAL SEVEN-DAY MINIMUM	311	Oct 17	232	Aug 15	53	Oct 22 2000
MAXIMUM PEAK FLOW			9050	Sep 9	11000	Oct 7 1949
MAXIMUM PEAK STAGE			15.07	Sep 9	19.38	Oct 7 1949
ANNUAL RUNOFF (CFSM)	2.63		1.91		2.13	
ANNUAL RUNOFF (INCHES)	35.70		26.00		28.89	
10 PERCENT EXCEEDS	1260		892		1110	
50 PERCENT EXCEEDS	666		420		505	
90 PERCENT EXCEEDS	325		277		233	

e Estimated



SANTEE RIVER BASIN

252

02163001 SALUDA RIVER NEAR WILLIAMSTON, SC

LOCATION.--Lat 34°36'53'', long 82°26'39'', Greenville County, Hydrologic Unit 03050109, 1300 ft downstream of Pelzer Mills dam, and approximately 2 mi east of Williamston.

DRAINAGE.--414 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--May 1995 to current year.

GAGE.--Data collection platform. Elevation of gage is 650 ft above NGVD of 1929 (from topographic map). Prior at October 1, 1999, at site 1500 ft downstream and at different datum.

REMARKS.--Records good except for estimated daily discharges, which are poor.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e393	463	686	692	555	524	503	411	390	696	e600	347
2	e492	e406	634	598	476	705	749	642	423	837	e519	401
3	e717	e391	577	588	843	623	414	462	304	681	e649	764
4	673	e425	630	573	739	e738	428	507	264	764	e602	630
5	582	415	696	e572	849	e687	435	405	345	511	631	375
6	400	621	704	606	1080	e703	409	373	314	612	796	483
7	422	665	671	e653	e2930	e655	412	372	320	611	423	1400
8	378	668	629	578	e3320	589	480	336	366	508	436	10100
9	454	441	623	e533	1430	578	408	344	395	558	292	e11500
10	490	374	797	e515	1130	574	403	343	327	436	273	e6100
11	619	599	1860	e481	968	571	440	344	332	507	275	e2990
12	457	392	1580	e586	1070	437	517	370	330	501	890	e1650
13	562	410	1130	611	969	589	544	348	286	652	1070	e1440
14	386	458	1330	467	730	451	795	368	358	701	390	e1030
15	422	417	1380	433	1000	584	779	496	564	572	381	e966
16	605	443	1120	482	959	489	573	391	643	419	424	e1150
17	408	568	1060	598	700	606	367	338	792	509	396	e1820
18	442	484	949	495	903	431	432	e631	522	712	494	e3460
19	433	1060	907	450	647	574	492	e956	317	739	438	e2830
20	422	1900	811	625	731	414	388	e681	477	460	375	e1850
21	484	1110	794	663	689	474	416	e529	464	439	306	e1540
22	424	940	692	339	679	596	516	e420	566	454	454	e1260
23	391	690	722	e504	653	412	455	e413	443	398	462	e1050
24	438	626	727	e493	594	401	325	e415	481	384	397	893
25	433	682	708	e548	586	404	326	e387	557	425	507	778
26	433	665	704	e647	782	453	393	349	1110	392	559	902
27	722	689	622	e572	640	566	408	314	928	450	410	1270
28	637	509	626	e486	644	384	497	325	680	507	377	4910
29	416	877	631	e493	466	461	413	292	565	818	372	3230
30	491	781	631	e477	---	565	391	373	625	788	380	1860
31	443	---	609	476	---	610	---	343	---	e717	370	---
TOTAL	15069	19169	26240	16834	27762	16848	14108	13278	14488	17758	14948	68979
MEAN	486	639	846	543	957	543	470	428	483	573	482	2299
MAX	722	1900	1860	692	3320	738	795	956	1110	837	1070	11500
MIN	378	374	577	339	466	384	325	292	264	384	273	347
CFSM	1.17	1.54	2.04	1.31	2.31	1.31	1.14	1.03	1.17	1.38	1.16	5.55
IN.	1.35	1.72	2.36	1.51	2.49	1.51	1.27	1.19	1.30	1.60	1.34	6.20

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1995 - 2004, BY WATER YEAR (WY)

	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004		
MEAN	505	532	644	803	894	978	836	719	556	467	488	603
MAX	1156	1324	1069	1833	1916	1729	1772	1569	1185	1351	1464	2299
(WY)	1996	1996	2003	1998	1998	1998	1998	2003	2003	2003	1995	2004
MIN	165	215	329	392	375	504	411	287	242	84.6	108	162
(WY)	2001	2002	2002	2001	2001	2002	2001	2001	2000	2000	2002	1999

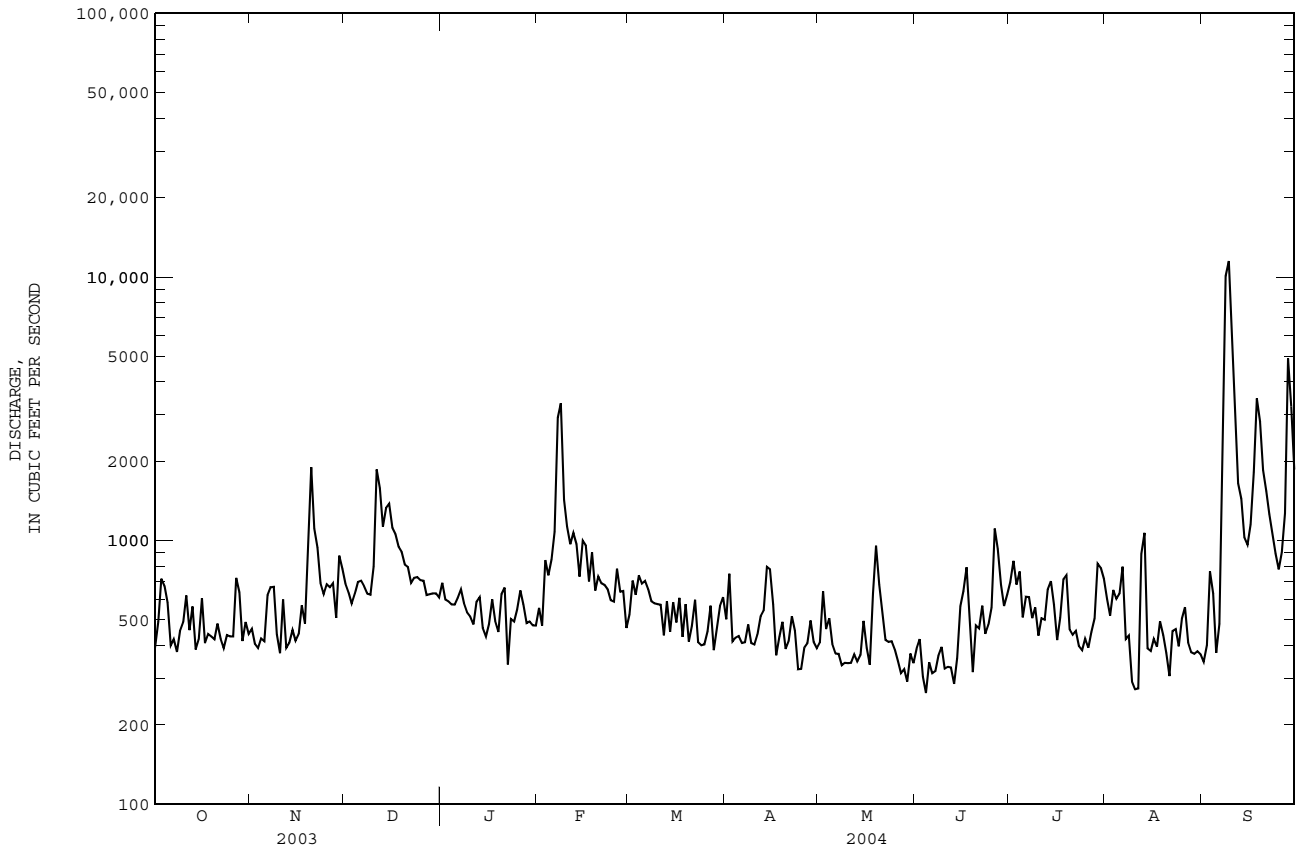
SANTEE RIVER BASIN

02163001 SALUDA RIVER NEAR WILLIAMSTON, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1995 - 2004	
ANNUAL TOTAL	352444		265481		654	
ANNUAL MEAN	966		725		1026	
HIGHEST ANNUAL MEAN					328	
LOWEST ANNUAL MEAN					12000	
HIGHEST DAILY MEAN	8600	Mar 20	e 11500	Sep 9	Aug 28	1995
LOWEST DAILY MEAN	373	Sep 19	264	Jun 4	6.3	Jul 21 2000
ANNUAL SEVEN-DAY MINIMUM	429	Oct 17	330	Jun 3	20	Jul 18 2000
MAXIMUM PEAK FLOW			12400	Sep 8	Unknown	Aug 27 1995
MAXIMUM PEAK STAGE			14.12	Sep 8	a 21.40	Aug 27 1995
ANNUAL RUNOFF (CFSM)	2.33		1.75		1.58	
ANNUAL RUNOFF (INCHES)	31.67		23.85		21.45	
10 PERCENT EXCEEDS	1500		1050		1240	
50 PERCENT EXCEEDS	781		546		454	
90 PERCENT EXCEEDS	439		372		194	

a At site and datum then in use, from floodmarks.

e Estimated



02163001 SALUDA RIVER NEAR WILLIAMSTON, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water year 1995 to current year.

PERIOD OF DAILY RECORD.--May 1995 to current year.

INSTRUMENTATION.--USGS minimonitor and data collection platform.

REMARKS.--Temperature records rated good. Prior to July 12, 2000, at site about 1000 ft downstream.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 33.0°C, Aug. 20, 2001; minimum, 1.9°C, Jan. 26, 2003.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 28.7°C, July 24; minimum 2.3°C, Jan. 28.

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	14.7	13.2	14.1	8.1	7.4	7.8	5.4	4.8	5.1
2	---	---	---	14.8	13.5	14.2	8.3	7.7	8.0	5.9	5.1	5.6
3	---	---	---	---	---	---	7.7	6.7	7.4	7.8	5.8	7.1
4	16.3	15.5	15.9	---	---	---	6.7	6.0	6.4	9.1	7.6	8.5
5	16.6	15.7	16.1	16.0	15.1	15.5	6.1	5.9	6.0	---	---	---
6	17.3	15.9	16.6	17.3	15.9	16.6	6.3	5.5	6.0	9.8	8.5	9.2
7	17.0	16.2	16.6	17.3	16.6	16.9	6.0	5.3	5.7	---	---	---
8	16.9	16.6	16.8	16.8	15.7	16.2	5.7	5.1	5.4	7.0	6.6	6.9
9	17.1	16.7	16.9	15.9	14.9	15.6	5.8	5.1	5.4	---	---	---
10	17.1	16.8	16.9	14.9	13.7	14.2	6.8	5.7	6.3	---	---	---
11	17.3	16.8	17.0	13.8	12.9	13.4	7.3	6.1	6.7	---	---	---
12	18.2	16.8	17.5	14.8	12.9	13.8	6.9	5.9	6.4	---	---	---
13	18.4	17.1	17.8	14.4	13.2	13.8	7.0	6.5	6.7	6.0	5.1	5.4
14	18.5	17.7	18.0	13.2	12.2	12.7	6.6	6.0	6.2	6.5	5.4	5.9
15	18.0	16.9	17.5	12.2	11.3	11.8	6.5	5.7	6.1	6.8	5.7	6.2
16	17.2	16.0	16.6	11.8	10.7	11.3	6.3	5.6	6.0	6.5	5.2	5.8
17	16.4	15.2	15.9	13.1	11.7	12.3	7.0	6.0	6.5	5.6	5.0	5.2
18	16.1	14.9	15.6	13.8	12.6	13.1	6.7	6.3	6.5	6.3	5.1	5.7
19	16.0	14.9	15.5	14.5	13.7	14.1	6.3	5.6	6.0	7.1	5.2	6.0
20	16.2	14.9	15.6	14.4	12.9	13.5	6.0	5.2	5.7	6.5	5.1	5.8
21	16.2	15.0	15.7	13.6	12.8	13.2	5.4	4.6	4.9	5.4	4.6	5.0
22	16.4	15.1	15.8	13.1	12.2	12.7	4.9	3.9	4.6	5.4	4.1	4.8
23	15.9	14.8	15.4	12.8	11.8	12.2	5.2	4.4	4.8	---	---	---
24	15.5	14.5	15.0	12.4	11.2	12.0	6.4	5.2	5.7	5.9	4.4	5.1
25	14.9	13.9	14.5	11.2	10.2	10.8	5.8	5.1	5.5	5.6	4.6	5.1
26	14.7	14.1	14.4	10.2	9.4	9.7	5.1	4.2	4.5	4.6	3.2	3.8
27	15.3	14.5	14.9	9.9	9.4	9.6	5.3	4.0	4.5	3.2	2.7	2.8
28	14.8	14.0	14.5	10.8	9.8	10.2	5.6	4.7	5.0	3.6	2.3	2.9
29	14.6	13.6	14.1	9.8	8.4	9.4	5.6	5.0	5.3	3.9	2.8	3.2
30	14.3	13.0	13.7	8.4	7.2	7.7	6.2	5.5	5.9	4.2	3.0	3.6
31	14.5	13.0	13.8	---	---	---	6.1	5.4	5.7	4.3	2.9	3.6
MONTH	---	---	---	---	---	---	8.3	3.9	5.9	---	---	---

021630967 GROVE CREEK NEAR PIEDMONT, SC

LOCATION.--Lat 34°40'51'', long 82°25'41'', Greenville County, Hydrologic Unit 03050109, on left downstream bank behind Grove Creek Wastewater Treatment Plant, 10.0 mi south of Greenville and 2.2 mi southeast of Piedmont.

DRAINAGE AREA.--19.1 mi².

PERIOD OF RECORD.--July 1994 to current year.

GAGE.--Data collection platform. Elevation of gage is 738 ft above NGVD of 1929 (from topographic map).

REMARKS.--Records fair except for estimated daily discharges, which are poor.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.6	14	15	12	12	19	16	16	8.5	15	12	11
2	9.2	14	14	12	13	18	14	26	7.8	12	13	11
3	8.8	14	13	12	61	20	14	17	7.5	11	47	11
4	9.0	13	17	12	26	18	13	14	7.7	9.7	14	10
5	8.8	14	20	16	22	17	14	11	8.7	11	46	9.8
6	9.0	28	15	17	123	18	14	10	7.3	54	36	9.8
7	9.3	17	14	13	77	17	13	9.3	7.3	17	14	206
8	18	14	14	12	38	16	13	9.0	13	24	12	493
9	18	13	13	14	31	16	13	8.7	20	49	12	60
10	12	13	80	13	27	16	13	9.0	8.9	14	11	25
11	16	12	50	12	24	16	13	8.9	8.0	35	11	18
12	12	12	27	12	46	16	14	8.8	7.6	27	158	15
13	11	11	22	12	33	16	45	8.9	8.1	16	50	14
14	11	11	83	11	31	15	23	9.0	15	12	21	13
15	10	10	35	11	48	16	17	8.9	24	9.3	17	11
16	10	10	25	11	40	17	15	8.5	25	8.1	15	16
17	10	13	23	11	29	15	14	8.3	12	23	17	115
18	10	12	19	14	27	15	14	22	8.3	86	16	35
19	11	140	17	12	25	15	13	15	7.9	29	15	18
20	10	39	15	11	24	14	12	9.5	9.1	13	15	15
21	11	24	15	11	22	17	13	8.7	18	10	16	13
22	11	19	15	11	20	14	12	7.9	11	8.6	15	12
23	11	17	15	11	20	14	11	9.1	9.5	8.4	14	11
24	11	20	15	11	20	14	11	8.2	14	7.8	14	11
25	12	17	13	15	19	14	11	7.6	31	7.8	14	9.9
26	13	15	13	16	20	14	11	6.9	68	10	13	9.5
27	49	15	12	16	23	14	12	6.9	19	32	13	151
28	23	26	12	18	21	14	11	6.7	16	9.8	12	e680
29	18	20	12	16	19	13	10	6.6	13	91	12	64
30	15	16	13	15	---	23	10	11	17	32	12	35
31	14	---	12	14	---	19	---	11	---	16	11	---
TOTAL	410.7	613	678	404	941	500	429	328.4	438.2	708.5	698	2113.0
MEAN	13.2	20.4	21.9	13.0	32.4	16.1	14.3	10.6	14.6	22.9	22.5	70.4
MAX	49	140	83	18	123	23	45	26	68	91	158	680
MIN	8.8	10	12	11	12	13	10	6.6	7.3	7.8	11	9.5
CFSM	0.69	1.07	1.14	0.68	1.70	0.84	0.75	0.55	0.76	1.20	1.18	3.68
IN.	0.80	1.19	1.32	0.79	1.83	0.97	0.83	0.64	0.85	1.38	1.36	4.11

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1994 - 2004, BY WATER YEAR (WY)

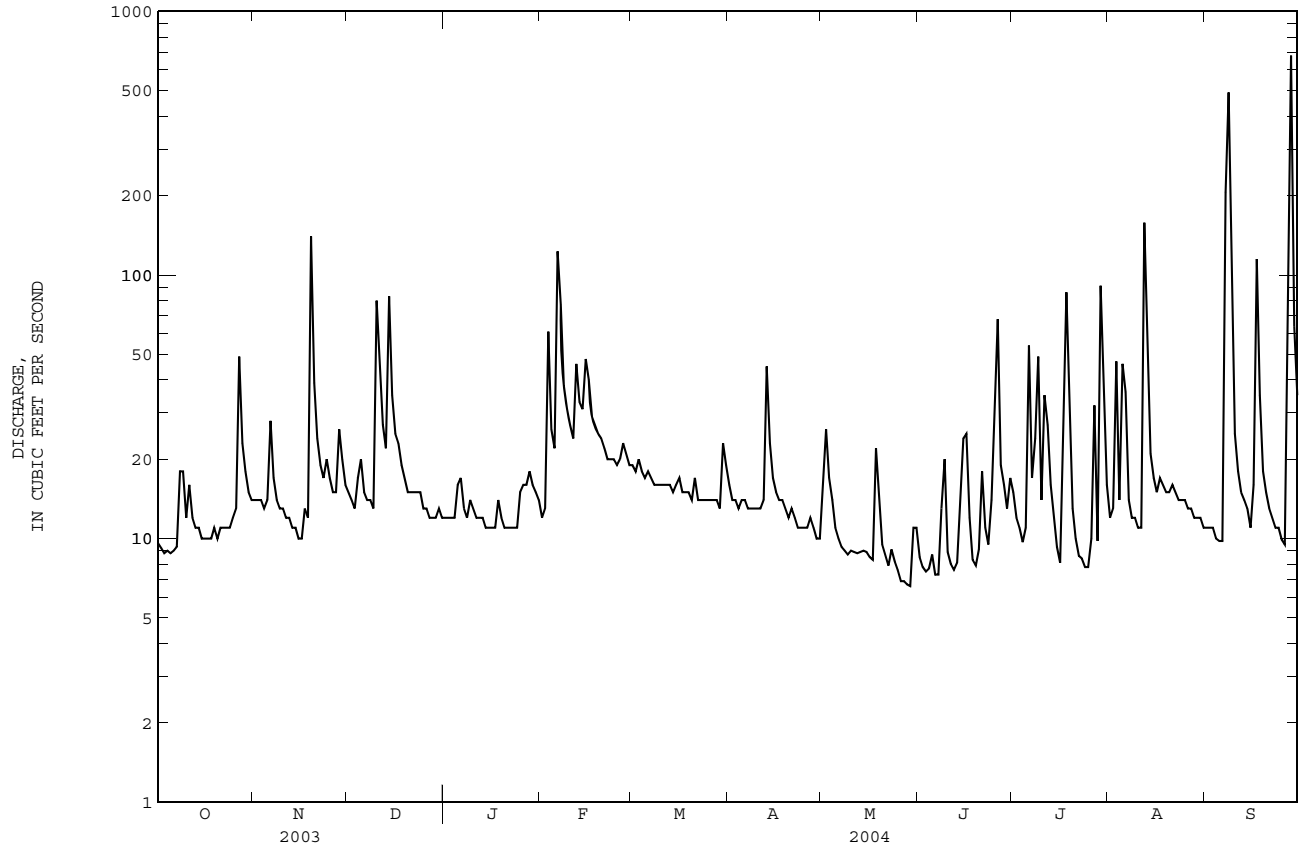
	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	
MEAN	16.8	20.1	23.6	33.6	36.4	38.9	29.1	21.9	16.0	17.6	19.2	19.1
MAX	39.3	34.7	44.6	61.6	64.7	68.5	77.5	56.2	33.8	39.0	72.8	70.4
(WY)	2000	1996	2003	1998	1998	2003	1998	2003	2003	2003	1995	2004
MIN	4.52	9.01	11.5	13.0	12.7	16.1	12.9	8.51	5.02	4.36	3.37	7.23
(WY)	2001	2002	2002	2004	2001	2004	2002	2001	2002	2002	2002	1999

SANTEE RIVER BASIN

021630967 GROVE CREEK NEAR PIEDMONT, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1994 - 2004	
ANNUAL TOTAL	12229.3		8261.8		24.2	
ANNUAL MEAN	33.5		22.6		36.7	
HIGHEST ANNUAL MEAN					1998	
LOWEST ANNUAL MEAN					13.7	
HIGHEST DAILY MEAN	e 700	Mar 20	e 680	Sep 28	e 1000	Aug 27 1995
LOWEST DAILY MEAN	7.3	Sep 21	6.6	May 29	0.74	Aug 14 2002
ANNUAL SEVEN-DAY MINIMUM	7.9	Sep 15	7.4	May 23	0.83	Aug 8 2002
MAXIMUM PEAK FLOW			Unknown		Unknown	
MAXIMUM PEAK STAGE			11.33		15.17	
ANNUAL RUNOFF (CFSM)	1.75		1.18		1.27	
ANNUAL RUNOFF (INCHES)	23.79		16.07		17.21	
10 PERCENT EXCEEDS	56		32		38	
50 PERCENT EXCEEDS	20		14		14	
90 PERCENT EXCEEDS	11		9.0		6.1	

a From floodmarks.
 e Estimated



02163500 SALUDA RIVER NEAR WARE SHOALS, SC

LOCATION.--Lat 34°23'30'', long 82°13'25'', Greenwood County, Hydrologic Unit 03050109, on downstream side of US Hwy 25 bridge, 1.4 mi southeast of Ware Shoals, 1.8 mi downstream from Ware Shoals Dam, 5.7 mi upstream from Turkey Creek, and at mile 84.4.

DRAINAGE AREA.--580 mi².

PERIOD OF RECORD.--March 1939 to current year. Monthly discharge only for some periods, published in WSP 1303.

GAGE.--Data collection platform. Elevation of gage is 447 ft above NGVD of 1929 (by barometer). Prior to October 1, 1997, at site 0.7 mi downstream at datum 1.0 ft higher.

REMARKS.--No estimated daily discharges. Records good except for discharges October 22 to February 18, which are poor. Some regulation at low and medium flow by powerplants upstream. Capacity of reservoirs insufficient to affect monthly figures of runoff.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	546	505	959	787	695	648	837	599	623	882	756	387
2	460	485	636	814	735	648	820	833	512	971	632	411
3	554	538	725	732	823	802	720	884	573	998	948	632
4	703	436	946	691	928	862	628	643	414	946	1030	736
5	725	498	714	677	963	743	627	636	271	826	676	552
6	472	534	766	808	974	906	559	549	397	747	770	485
7	521	601	698	669	663	817	599	515	496	728	783	1040
8	302	787	726	950	1460	746	603	508	504	657	565	8610
9	492	660	718	873	1260	720	592	510	508	523	333	10800
10	552	572	843	815	1170	740	578	509	545	530	294	10100
11	699	603	860	773	634	713	583	513	406	522	359	4750
12	674	529	1490	595	669	719	677	542	291	784	415	2440
13	606	490	1370	678	1020	648	734	554	492	692	1530	1900
14	643	490	1330	877	558	734	1050	509	495	725	1030	1580
15	488	497	1220	559	516	653	1080	501	535	785	384	1270
16	467	503	1250	643	1300	658	914	614	897	604	429	1140
17	544	543	964	786	1520	648	674	712	904	504	581	1740
18	491	634	1080	768	996	721	539	527	737	707	464	3770
19	405	593	914	660	1020	642	588	868	493	901	485	3800
20	506	1410	1120	765	922	634	678	819	551	780	520	2280
21	538	1170	973	709	936	678	587	756	602	518	337	1650
22	378	916	893	739	849	741	588	552	679	509	299	1430
23	501	759	692	577	796	676	695	559	620	455	482	1230
24	502	762	623	680	906	596	655	594	656	459	514	1140
25	447	798	768	662	804	535	580	544	718	450	452	1060
26	484	704	813	804	791	539	422	423	1270	581	612	966
27	601	717	778	942	1060	571	522	298	1340	577	493	1780
28	764	629	687	823	879	728	632	415	1210	524	427	8540
29	700	827	687	762	779	615	609	449	793	455	424	5150
30	613	845	783	708	---	535	583	443	823	1230	436	2860
31	513	---	759	684	---	867	---	539	---	947	342	---
TOTAL	16891	20035	27785	23010	26626	21483	19953	17917	19355	21517	17802	84229
MEAN	545	668	896	742	918	693	665	578	645	694	574	2808
MAX	764	1410	1490	950	1520	906	1080	884	1340	1230	1530	10800
MIN	302	436	623	559	516	535	422	298	271	450	294	387
CFSM	0.94	1.15	1.55	1.28	1.58	1.19	1.15	1.00	1.11	1.20	0.99	4.84
IN.	1.08	1.29	1.78	1.48	1.71	1.38	1.28	1.15	1.24	1.38	1.14	5.40

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 2004, BY WATER YEAR (WY)

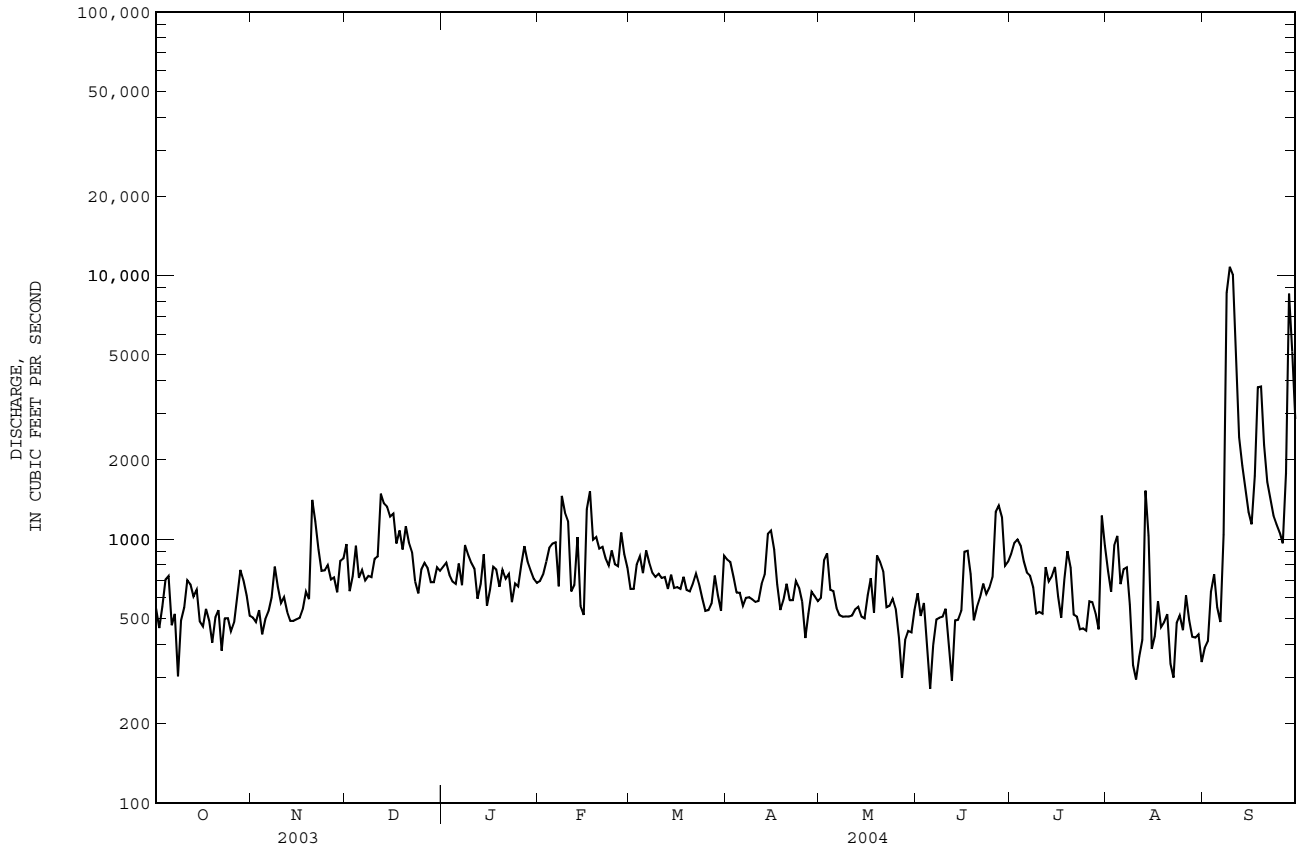
	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
MEAN	654	743	960	1203	1336	1533	1357	1061	850	730	725	629																																																						
MAX	2623	2041	2603	2929	2430	3864	3005	2227	1775	1906	1995	2808																																																						
(WY)	1965	1949	1962	1946	1990	1952	1964	2003	1979	1949	1995	2004																																																						
MIN	149	261	323	310	491	519	473	373	215	151	108	142																																																						
(WY)	1955	1982	1956	1956	2001	1988	1986	2001	1988	1986	2002	1981																																																						

SANTEE RIVER BASIN

02163500 SALUDA RIVER NEAR WARE SHOALS, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1939 - 2004	
ANNUAL TOTAL	477163		316603		981	
ANNUAL MEAN	1307		865		1569	
HIGHEST ANNUAL MEAN					435	
LOWEST ANNUAL MEAN					16100	
HIGHEST DAILY MEAN	10500	Mar 21	10800	Sep 9	Aug 27 1995	
LOWEST DAILY MEAN	302	Oct 8	271	Jun 5	11 a Oct 12 1941	
ANNUAL SEVEN-DAY MINIMUM	468	Oct 19	417	Aug 27	51 Aug 11 2002	
MAXIMUM PEAK FLOW			11400		20900	
MAXIMUM PEAK STAGE			17.18		22.95	
ANNUAL RUNOFF (CFSM)	2.25		1.49		1.69	
ANNUAL RUNOFF (INCHES)	30.60		20.31		22.97	
10 PERCENT EXCEEDS	2220		1150		1780	
50 PERCENT EXCEEDS	1080		676		734	
90 PERCENT EXCEEDS	544		463		316	

a Also occurred Oct. 19, 1941.



SANTEE RIVER BASIN

02164000 REEDY RIVER NEAR GREENVILLE, SC

LOCATION.--Lat 34°48'00'', long 82°21'55'', Greenville County, Hydrologic Unit 03050109, on right bank, 375 ft downstream from bridge on Interstate Highway 85, 0.5 mi upstream from Brushy Creek, 2.5 mi upstream from dam at Conestee, 3.9 mi southeast of City Hall in Greenville, and at mile 48.5.

DRAINAGE AREA.--48.6 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--November 1941 to September 1971, June 1987 to current year. Monthly discharge only for some periods, published in WSP 1303.

GAGE.-Data collection platform. Elevation of gage is 800 ft above NGVD of 1929 (from topographic map).

REMARKS.--Records good except for estimated daily discharges, which are poor. City of Greenville began diverting water from the Saluda River above station 02162500 (Table Rock Reservoir) in 1930, supplemented by North Saluda Reservoir in 1961. Sewage effluent discharged into the Reedy River about 500 feet below station 02164000.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	39	38	48	46	47	50	65	63	29	61	81	63
2	39	37	45	45	88	57	50	109	22	85	100	217
3	38	37	43	44	258	56	46	58	20	67	121	67
4	38	37	79	44	79	51	45	38	27	44	57	45
5	37	41	74	81	72	50	42	33	23	187	51	37
6	38	121	55	65	597	52	41	31	21	132	45	66
7	39	51	50	46	411	47	42	30	27	48	41	1090
8	101	55	47	46	113	44	39	28	71	42	38	2480
9	81	46	46	48	83	45	40	28	34	38	35	394
10	53	43	356	45	73	44	38	30	23	33	34	116
11	68	39	160	43	67	44	39	27	22	107	33	83
12	49	39	80	43	163	44	55	28	20	180	579	68
13	44	38	91	42	82	43	193	29	29	99	99	60
14	43	37	304	41	83	43	69	27	316	48	57	56
15	47	37	103	42	112	46	52	28	145	38	47	54
16	42	36	77	42	80	51	45	27	80	34	40	88
17	41	66	99	41	66	46	41	26	40	245	44	452
18	40	43	70	60	63	44	40	101	68	530	75	128
19	39	609	63	46	60	43	38	34	119	145	45	78
20	39	118	57	40	58	44	37	27	81	58	38	63
21	38	68	53	41	57	57	36	25	192	45	65	57
22	38	58	52	41	54	42	35	23	80	39	38	49
23	37	53	52	41	53	39	34	23	54	36	84	49
24	37	81	59	40	54	39	33	26	47	34	54	45
25	37	58	52	65	52	39	33	24	186	35	62	41
26	39	48	50	63	63	42	40	24	251	95	38	40
27	159	46	51	70	69	41	41	21	71	113	35	644
28	51	113	47	61	54	41	31	20	54	111	33	1420
29	45	70	46	54	51	39	29	22	44	e2630	31	197
30	42	53	56	51	---	83	31	30	75	e1070	30	103
31	39	---	48	48	---	95	---	72	---	135	29	---
TOTAL	1517	2216	2513	1525	3162	1501	1400	1112	2271	6564	2159	8350
MEAN	48.9	73.9	81.1	49.2	109	48.4	46.7	35.9	75.7	212	69.6	278
MAX	159	609	356	81	597	95	193	109	316	2630	579	2480
MIN	37	36	43	40	47	39	29	20	20	33	29	37
CFSM	1.01	1.52	1.67	1.01	2.24	1.00	0.96	0.74	1.56	4.36	1.43	5.73
IN.	1.16	1.70	1.92	1.17	2.42	1.15	1.07	0.85	1.74	5.02	1.65	6.39

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1942 - 2004, BY WATER YEAR (WY)

	MEAN	MAX	MIN	(WY)	(WY)	(WY)	(WY)	(WY)	(WY)	(WY)	(WY)	(WY)
MEAN	61.0	255	13.4	1950	1955	1956	1956	2001	1999	2002	2001	1988
MAX	62.7	204	23.9	1949	1955	1956	1956	2001	1999	2002	2001	1988
MIN	78.2	233	29.2	1962	1956	1956	1956	2001	1999	2002	2001	1988
(WY)	96.9	216	28.0	1946	1956	1956	1956	2001	1999	2002	2001	1988
(WY)	114	234	45.7	1961	1956	1956	1956	2001	1999	2002	2001	1988
(WY)	128	350	47.8	1952	1956	1956	1956	2001	1999	2002	2001	1988
(WY)	106	290	36.3	1964	1956	1956	1956	2001	1999	2002	2001	1988
(WY)	75.5	198	27.1	2003	1956	1956	1956	2001	1999	2002	2001	1988
(WY)	64.1	140	20.5	1968	1956	1956	1956	2001	1999	2002	2001	1988
(WY)	64.5	212	25.3	2004	1956	1956	1956	2001	1999	2002	2001	1988
(WY)	60.7	227	16.5	1995	1956	1956	1956	2001	1999	2002	2001	1988
(WY)	59.8	278	14.1	2004	1956	1956	1956	2001	1999	2002	2001	1988
(WY)		278	14.1	1995	1956	1956	1956	2001	1999	2002	2001	1988
(WY)		2004	14.1	1995	1956	1956	1956	2001	1999	2002	2001	1988
(WY)		1995	14.1	1995	1956	1956	1956	2001	1999	2002	2001	1988
(WY)		2004	14.1	1995	1956	1956	1956	2001	1999	2002	2001	1988
(WY)		1995	14.1	1995	1956	1956	1956	2001	1999	2002	2001	1988

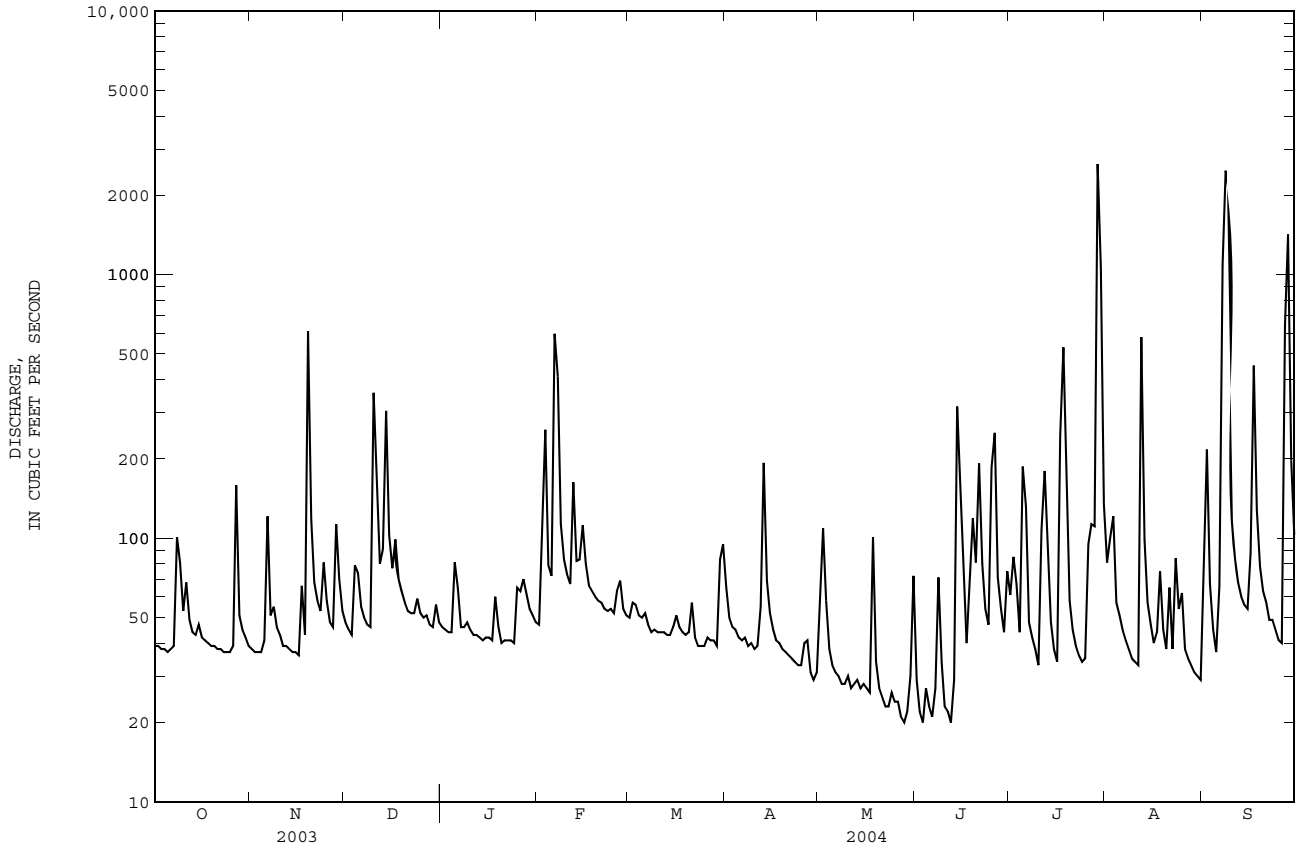
SANTEE RIVER BASIN

02164000 REEDY RIVER NEAR GREENVILLE, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1942 - 2004	
ANNUAL TOTAL	41688		34290		81.3	
ANNUAL MEAN	114		93.7		124	
HIGHEST ANNUAL MEAN					43.1	
LOWEST ANNUAL MEAN					2003	
HIGHEST DAILY MEAN	2470	Mar 20	e 2630	Jul 29	4120	Aug 27 1995
LOWEST DAILY MEAN	32	Sep 20	20	a May 28	5.3	Aug 19 1999
ANNUAL SEVEN-DAY MINIMUM	34	Sep 15	23	May 23	7.0	Aug 5 2002
MAXIMUM PEAK FLOW			5830		5830	
MAXIMUM PEAK STAGE			11.21		11.88	
INSTANTANEOUS LOW FLOW			17		3.3	
ANNUAL RUNOFF (CFSM)	2.35		1.93		1.67	
ANNUAL RUNOFF (INCHES)	31.91		26.25		22.73	
10 PERCENT EXCEEDS	186		120		139	
50 PERCENT EXCEEDS	73		47		52	
90 PERCENT EXCEEDS	40		31		24	

a Also occurred June. 3, 12.

e Estimated



02164000 REEDY RIVER NEAR GREENVILLE, SC--Continued

PRECIPITATION RECORDS

PERIOD OF RECORD.--January 1992 to current year.

INSTRUMENTATION.--Tipping bucket raingage and data collection platform.

REMARKS.--Precipitation data collected during freezing periods may not be accurately reflected in daily record; consequently, winter record is poor.

Precipitation, total, inches
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
 DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.36	0.00	0.00	0.00	---
2	0.00	0.00	0.00	0.00	0.77	0.05	0.00	0.57	0.00	0.07	0.69	---
3	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.02	0.00	---
4	0.00	0.04	0.34	0.00	0.00	0.00	0.00	0.00	0.15	0.03	0.00	---
5	0.00	0.35	0.00	0.42	0.17	0.00	0.00	0.00	0.00	1.55	0.12	---
6	0.00	0.33	0.01	0.00	1.25	0.05	0.00	0.00	0.00	0.00	0.00	---
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.10	0.00	0.00	---
8	0.38	0.06	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.39	0.00	---
9	0.04	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.01	0.00	0.00	---
10	0.25	0.00	1.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---
11	0.19	0.00	0.04	0.00	0.00	0.00	0.04	0.01	0.00	0.63	0.00	---
12	0.00	0.00	0.00	0.00	0.57	0.00	0.15	0.00	0.00	0.10	2.28	---
13	0.00	0.00	0.62	0.00	0.00	0.00	0.71	0.05	0.18	0.01	0.00	---
14	0.01	0.00	0.28	0.00	0.26	0.00	0.00	0.00	1.65	0.00	0.00	---
15	0.00	0.00	0.00	0.00	0.32	0.03	0.00	0.00	0.42	0.00	0.00	---
16	0.00	0.01	0.00	0.00	0.00	0.08	0.00	0.00	0.01	0.00	0.00	0.85
17	0.00	0.34	0.12	0.07	0.00	0.00	0.00	0.00	0.00	2.57	0.00	1.50
18	0.00	0.51	0.00	0.17	0.00	0.01	0.00	0.68	0.04	0.91	0.02	0.00
19	0.00	1.38	0.00	0.00	0.00	0.01	0.00	0.00	0.37	0.01	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.00	0.00	0.11	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.39	0.00	0.01	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00
23	0.03	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.28	0.00
24	0.00	0.26	0.07	0.00	0.00	0.00	0.00	0.00	0.13	0.05	0.55	0.00
25	0.00	0.00	0.00	0.23	0.00	0.00	0.00	0.00	1.22	0.02	---	0.00
26	0.36	0.00	0.00	0.00	0.00	0.00	0.17	0.00	0.00	1.22	---	0.00
27	0.62	0.08	0.00	0.09	0.25	0.00	0.00	0.00	0.06	0.13	---	5.18
28	0.03	0.34	0.00	0.42	0.00	0.00	0.00	0.00	0.02	0.01	---	0.49
29	0.01	0.00	0.00	0.17	0.00	0.00	0.00	0.00	0.00	1.34	---	0.00
30	0.00	0.00	0.08	0.00	---	0.57	0.12	0.21	0.40	0.28	---	0.00
31	0.00	---	0.00	0.00	---	0.11	---	0.34	---	0.00	---	---
TOTAL	1.92	3.70	2.84	1.67	3.60	1.09	1.19	2.22	7.25	9.34	---	---

SANTÉE RIVER BASIN

02164110 REEDY RIVER ABOVE FORK SHOALS, SC

LOCATION.--Lat 34°39'10'', long 82°17'51'', Greenville County, Hydrologic Unit 03050109, at State Road 418 bridge, 0.66 mi southwest of intersection of Road 418 and Road 146, and 2.2 mi north of Fork Shoals and at mile 36.1.

DRAINAGE AREA.--104 mi².

PERIOD OF RECORD.--October 1993 to current year.

GAGE.--Data collection platform. Elevation of gage is 645 ft above NGVD of 1929 (from topographic map).

REMARKS.--Records good except for estimated daily discharges, which is poor. Diversion into basin by City of Greenville from the Saluda River above station 02162500.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	108	110	127	122	125	140	173	201	111	166	245	164
2	108	107	125	121	126	146	138	245	87	130	205	280
3	111	106	123	123	463	152	130	179	81	169	338	173
4	105	108	148	124	202	143	124	124	86	124	186	122
5	105	129	193	138	174	141	120	113	92	127	177	109
6	111	214	139	208	662	149	121	109	80	659	170	105
7	108	154	127	136	893	139	120	103	79	170	143	1060
8	152	127	124	125	290	131	131	98	140	235	138	e4580
9	200	125	124	131	216	134	119	98	201	375	128	e1630
10	133	116	452	127	197	133	115	104	103	144	127	e340
11	167	116	445	118	174	131	120	98	86	144	123	e240
12	132	117	203	118	306	132	128	101	84	280	924	e190
13	119	114	168	124	222	130	399	99	85	322	415	e170
14	116	112	518	119	188	133	215	97	120	154	195	e165
15	117	110	262	115	260	139	142	96	599	124	162	e140
16	113	106	189	116	251	141	130	94	239	114	148	e190
17	109	142	189	116	182	138	122	91	125	128	148	e750
18	107	132	168	140	169	130	116	182	107	813	165	e415
19	104	1040	156	127	161	130	113	153	146	770	148	e200
20	103	342	142	117	160	127	113	101	215	207	132	e175
21	106	183	135	117	155	161	111	95	299	170	158	e160
22	105	152	134	113	148	128	109	89	234	140	127	e140
23	104	138	139	117	155	125	110	85	143	131	124	e145
24	103	155	150	115	155	123	104	83	130	124	178	e133
25	100	166	131	128	144	124	106	85	155	131	146	e130
26	113	133	129	174	156	122	115	83	711	118	126	e120
27	319	126	128	146	183	122	123	82	196	341	119	e650
28	148	191	126	164	163	120	105	80	142	175	113	e5240
29	124	190	124	149	146	118	101	78	124	836	110	e805
30	117	134	139	134	---	186	104	87	133	3170	109	e290
31	112	---	128	128	---	200	---	157	---	436	110	---
TOTAL	3879	5195	5585	4050	6826	4268	3977	3490	5133	11127	5837	19011
MEAN	125	173	180	131	235	138	133	113	171	359	188	634
MAX	319	1040	518	208	893	200	399	245	711	3170	924	5240
MIN	100	106	123	113	125	118	101	78	79	114	109	105
CFSM	1.20	1.67	1.73	1.26	2.26	1.32	1.27	1.08	1.65	3.45	1.81	6.09
IN.	1.39	1.86	2.00	1.45	2.44	1.53	1.42	1.25	1.84	3.98	2.09	6.80

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1994 - 2004, BY WATER YEAR (WY)

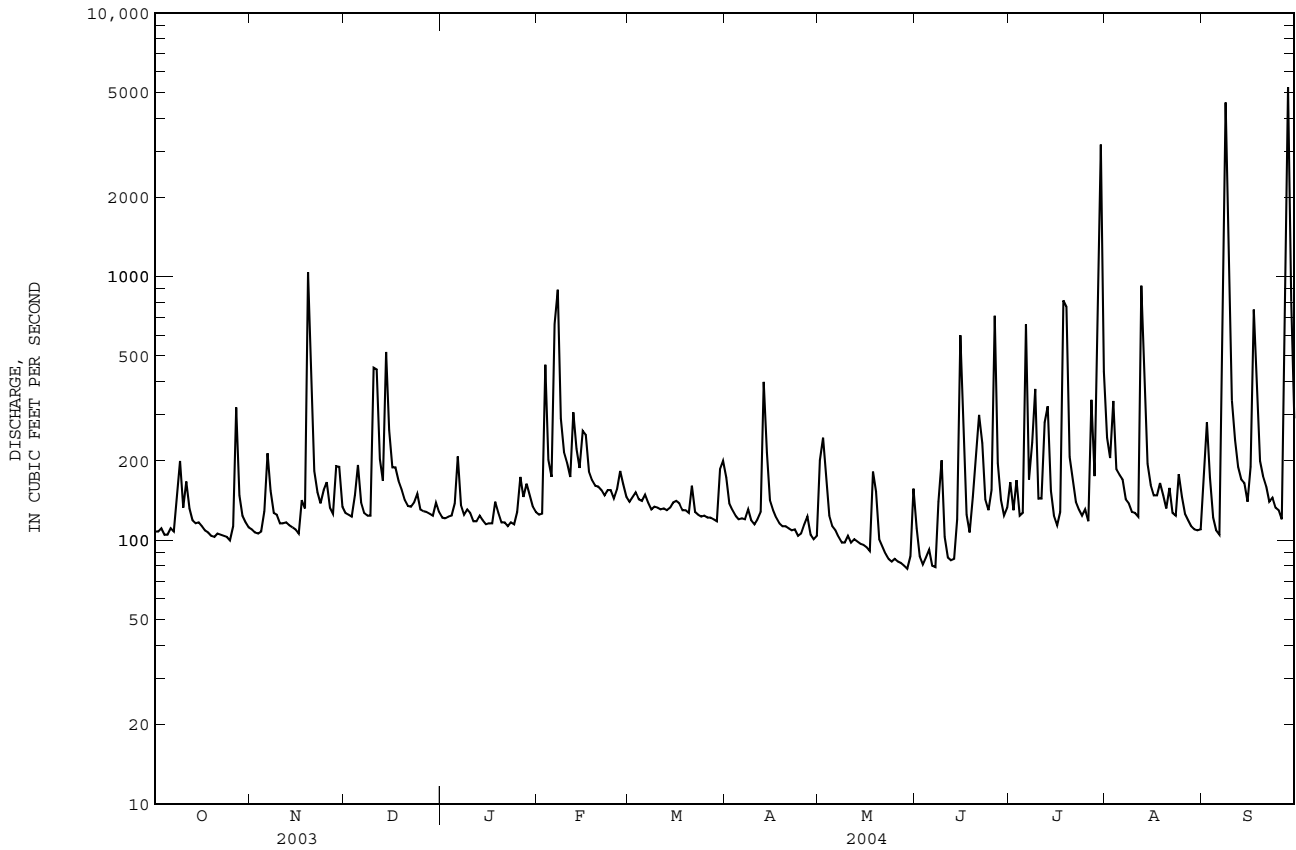
	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	
MEAN	171	166	193	247	271	292	234	191	179	187	191	202
MAX	331	311	365	464	530	538	546	471	286	359	501	634
(WY)	2000	1996	2003	1998	1998	2003	1998	2003	2003	2004	1995	2004
MIN	67.0	94.3	112	131	132	138	127	101	77.2	100	74.3	121
(WY)	2001	2002	2002	2004	2002	2004	2002	2001	2002	2002	2002	1997

02164110 REEDY RIVER ABOVE FORK SHOALS, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1994 - 2004	
ANNUAL TOTAL	103511		78378		210	
ANNUAL MEAN	284		214		313	
HIGHEST ANNUAL MEAN					133	
LOWEST ANNUAL MEAN					133	
HIGHEST DAILY MEAN	4260	Mar 20	5240	Sep 28	6260	Aug 27 1995
LOWEST DAILY MEAN	100	Oct 25	78	May 29	39	Aug 11 2002
ANNUAL SEVEN-DAY MINIMUM	104	Oct 19	82	May 23	41	Aug 9 2002
MAXIMUM PEAK FLOW			5380		8200	
MAXIMUM PEAK STAGE			18.08		21.77	
INSTANTANEOUS LOW FLOW			73		38 ^a	
ANNUAL RUNOFF (CFSM)	2.73		2.06		2.02	
ANNUAL RUNOFF (INCHES)	37.03		28.04		27.44	
10 PERCENT EXCEEDS	452		290		331	
50 PERCENT EXCEEDS	192		132		144	
90 PERCENT EXCEEDS	115		104		83	

a Also occurred Aug. 12, 2002.

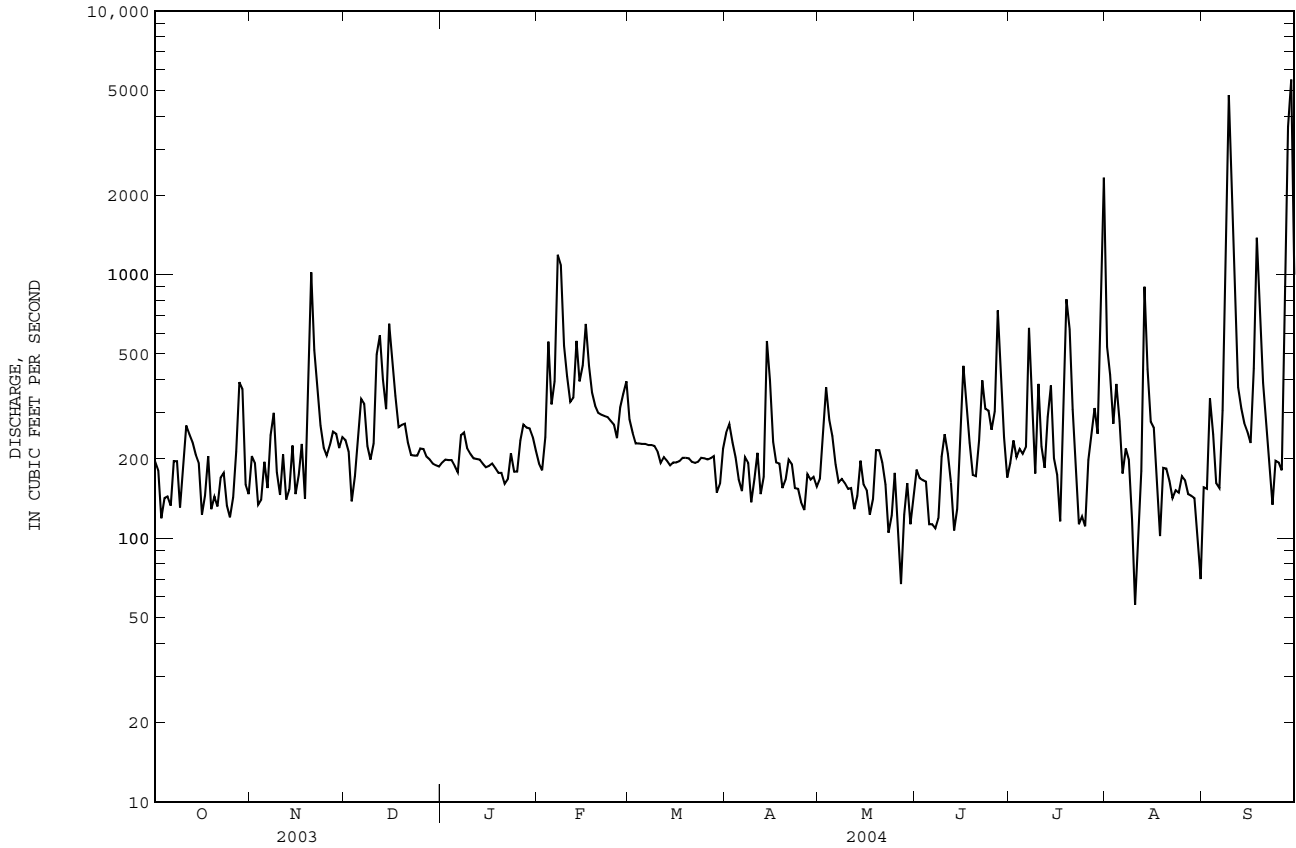
e Estimated



02165000 REEDY RIVER NEAR WARE SHOALS, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1939 - 2004	
ANNUAL TOTAL	170733		109940		353	
ANNUAL MEAN	468		300		570	
HIGHEST ANNUAL MEAN					1998	
LOWEST ANNUAL MEAN					171	
HIGHEST DAILY MEAN	6220	Mar 21	e 5500	Sep 29	8800	Mar 7 1963
LOWEST DAILY MEAN	119	Oct 3	56	Aug 10	4.8	Sep 9 1973
ANNUAL SEVEN-DAY MINIMUM	144	Oct 19	124	May 22	20	Oct 15 1951
MAXIMUM PEAK FLOW			Unknown		Sep 29	
MAXIMUM PEAK STAGE			a 21.17		Sep 29	
ANNUAL RUNOFF (CFSM)	1.98		1.27		a 21.17	
ANNUAL RUNOFF (INCHES)	26.91		17.33		1.50	
10 PERCENT EXCEEDS	841		424		631	
50 PERCENT EXCEEDS	324		202		261	
90 PERCENT EXCEEDS	190		137		94	

a From floodmark.
 b At site and datum then in use.
 e Estimated



SANTEE RIVER BASIN

02165200 SOUTH RABON CREEK NEAR GRAY COURT, SC

LOCATION.--Lat 34°31'12'', long 82°09'26'', Laurens County, Hydrologic Unit 03050109, at left bank, 125 ft upstream from U.S. Highway 76, 2.5 mi upstream from North Rabon Creek and 7.0 mi southwest of Gray Court.

DRAINAGE AREA.--29.5 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--January 1967 to September 1981, May 1990 to current year.

GAGE.--Data collection platform. Datum of gage is 547.37 ft above NGVD of 1929. Prior to May 1990, at datum 1.00 ft higher.

REMARKS.--Records good except for estimated daily discharges, which are poor.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12	16	17	18	21	30	28	19	10	14	6.0	e7.7
2	12	16	17	18	20	28	24	37	9.6	13	5.8	e6.4
3	12	15	16	18	33	27	22	35	8.3	72	5.7	5.1
4	12	15	18	18	37	26	21	24	7.6	31	5.1	5.0
5	12	16	22	19	30	25	20	19	7.6	19	4.9	4.5
6	12	16	22	23	42	24	19	17	7.9	16	5.6	4.4
7	12	17	20	23	101	24	18	15	7.4	18	5.7	24
8	13	17	19	20	59	22	18	14	9.8	14	5.0	317
9	15	16	18	20	40	21	18	14	13	19	4.7	264
10	16	15	25	20	33	21	18	13	13	23	4.5	102
11	17	15	46	19	29	20	18	13	12	15	4.5	36
12	19	15	37	19	36	20	19	12	10	12	8.4	23
13	18	15	28	18	44	20	30	13	8.6	10	18	18
14	16	14	36	18	39	20	46	13	8.4	8.6	16	16
15	15	14	38	18	54	20	34	12	8.4	7.2	14	14
16	14	15	30	18	72	21	26	12	9.7	6.4	11	14
17	14	15	27	17	51	21	22	11	11	6.8	9.2	23
18	13	16	24	20	39	20	20	11	9.7	11	12	35
19	13	35	23	21	34	20	19	11	8.0	9.4	10	24
20	13	59	21	20	31	20	18	11	e7.0	7.3	8.0	17
21	13	34	20	19	29	22	18	11	e7.2	6.8	7.5	14
22	13	25	19	18	27	21	17	10	13	6.0	6.7	13
23	12	21	19	18	25	20	16	9.5	19	5.7	6.4	12
24	12	20	20	17	25	19	16	9.1	17	5.3	6.7	12
25	12	19	20	19	24	19	15	8.6	16	5.0	7.9	11
26	13	19	19	24	25	19	15	8.1	48	4.9	7.0	11
27	23	18	19	24	29	19	16	7.7	47	7.7	6.2	160
28	31	19	18	23	30	20	15	7.3	25	7.2	6.0	830
29	23	19	18	24	32	19	14	7.0	18	7.1	5.7	319
30	19	18	19	24	---	21	14	7.1	15	6.8	e6.4	290
31	17	---	18	22	---	28	---	9.6	---	6.4	e7.9	---
TOTAL	468	584	713	617	1091	677	614	421.0	412.2	401.6	238.5	2632.1
MEAN	15.1	19.5	23.0	19.9	37.6	21.8	20.5	13.6	13.7	13.0	7.69	87.7
MAX	31	59	46	24	101	30	46	37	48	72	18	830
MIN	12	14	16	17	20	19	14	7.0	7.0	4.9	4.5	4.4
CFSM	0.51	0.66	0.78	0.67	1.28	0.74	0.69	0.46	0.47	0.44	0.26	2.97
IN.	0.59	0.74	0.90	0.78	1.38	0.85	0.77	0.53	0.52	0.51	0.30	3.32

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1967 - 2004, BY WATER YEAR (WY)

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
MEAN	23.7	29.6	36.7	54.2	51.8	64.3	48.4	36.7	28.4	22.2	21.4	22.6
MAX	62.9	79.0	99.2	99.5	103	137	146	77.8	70.2	66.8	100	121
(WY)	1977	1993	1973	1972	1998	1975	1998	1975	1972	1997	1995	1973
MIN	5.77	10.3	11.7	16.6	15.4	21.8	20.5	11.4	5.14	4.70	3.80	5.55
(WY)	2001	2002	2002	2001	2001	2004	2004	2001	2002	2000	2002	1999

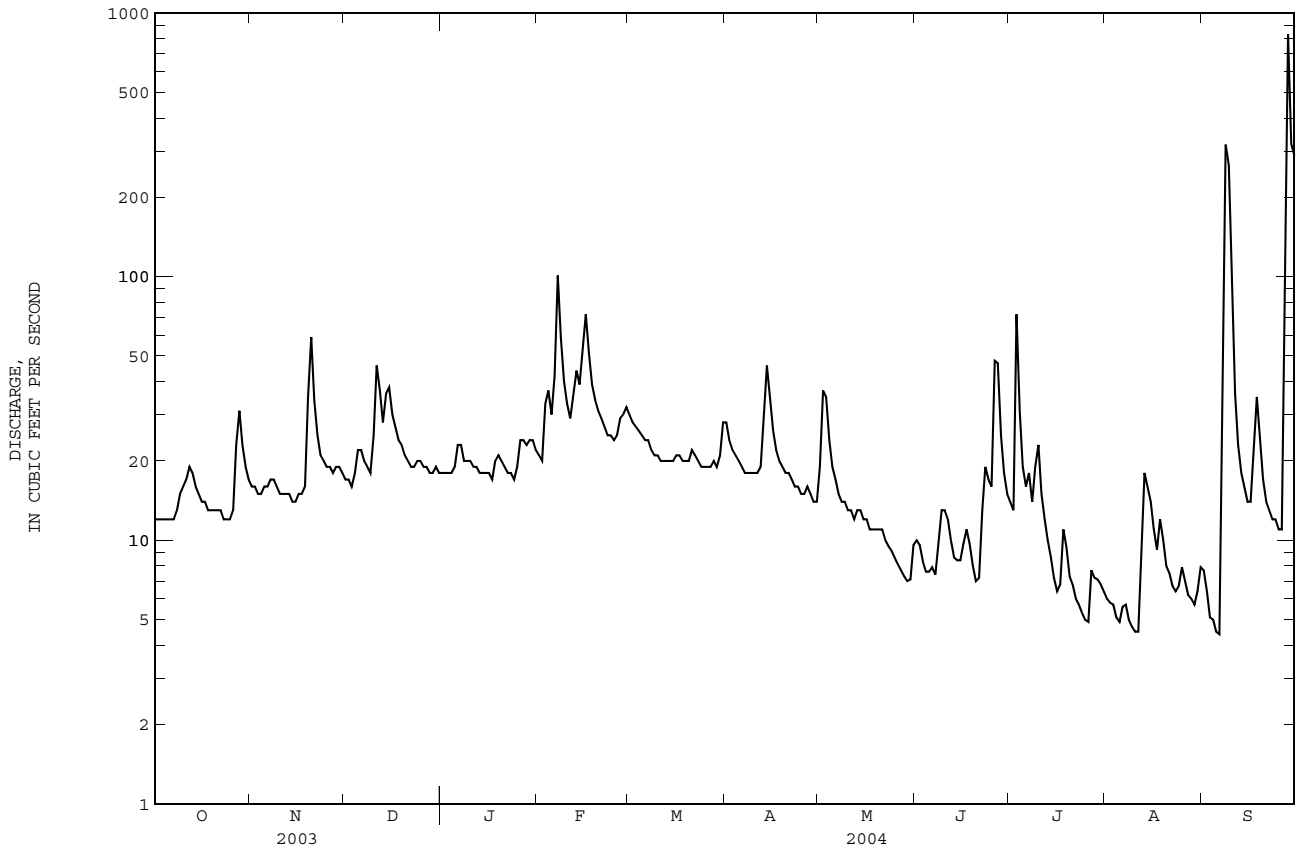
02165200 SOUTH RABON CREEK NEAR GRAY COURT, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1967 - 2004	
ANNUAL TOTAL	15685		8869.4		36.8	
ANNUAL MEAN	43.0		24.2		62.2 1973	
HIGHEST ANNUAL MEAN					15.5 2002	
LOWEST ANNUAL MEAN					2520 Sep 14 1973	
HIGHEST DAILY MEAN	569	Mar 20	830	Sep 28	e 0.40 a Aug 13 2002	
LOWEST DAILY MEAN	12	Sep 19	4.4	Sep 6	0.50 Aug 9 2002	
ANNUAL SEVEN-DAY MINIMUM	12	Sep 30	5.0	Aug 5	4100 Sep 14 1973	
MAXIMUM PEAK FLOW			1890	Sep 28	b 9.86 Sep 14 1973	
MAXIMUM PEAK STAGE			6.39	Sep 28	1.25	
ANNUAL RUNOFF (CFSM)	1.46		0.821		16.94	
ANNUAL RUNOFF (INCHES)	19.78		11.18		33	
10 PERCENT EXCEEDS	74		33		59	
50 PERCENT EXCEEDS	28		18		25	
90 PERCENT EXCEEDS	15		7.1		10	

a Also occurred Aug. 14, 15, 2002.

b At datum then in use.

e Estimated



SANTEE RIVER BASIN

02165200 SOUTH RABON CREEK NEAR GRAY COURT, SC--Continued

PRECIPITATION RECORDS

PERIOD OF RECORD.--October 1990 to current year.

INSTRUMENTATION.--Tipping bucket raingage and data collection platform.

REMARKS.--Precipitation data collected during freezing periods may not be accurately reflected in daily record; consequently, winter record is poor.

Precipitation, total, inches
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
 DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.91	0.00	0.12	0.00	---
2	0.00	0.00	0.00	0.00	0.88	0.00	0.00	0.53	0.00	0.76	0.76	---
3	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.04	0.00	0.00
4	0.00	0.03	0.62	0.00	0.00	0.00	0.00	0.00	0.07	0.12	0.00	0.00
5	0.00	0.00	0.00	0.48	0.09	0.00	0.00	0.00	0.00	0.01	0.10	0.00
6	0.00	0.01	0.00	0.00	1.49	0.02	0.00	0.00	0.00	0.01	0.00	0.34
7	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	4.26
8	0.39	0.12	0.00	0.01	0.00	0.00	0.00	0.00	---	0.00	0.00	1.16
9	0.04	0.00	0.00	0.25	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00
10	0.12	0.00	1.17	0.00	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00
11	0.14	0.00	0.00	0.00	0.02	0.00	0.04	0.00	---	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.79	0.00	0.47	0.18	---	0.04	1.84	0.00
13	0.00	0.00	0.69	0.00	0.00	0.00	1.13	0.00	---	0.49	0.00	0.00
14	0.05	0.00	0.26	0.00	0.41	0.00	0.00	0.00	---	0.00	0.04	0.00
15	0.00	0.00	0.00	0.00	0.82	0.01	0.00	0.00	---	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	---	0.00	0.00	0.22
17	0.00	0.01	0.06	0.11	0.00	0.00	0.00	0.00	---	0.85	0.00	1.14
18	0.00	0.38	0.00	0.38	0.00	0.04	0.00	0.00	---	0.06	0.00	0.00
19	0.00	1.21	0.00	0.00	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.29	0.00	0.00	---	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00
24	0.00	0.05	0.02	0.00	0.01	0.00	0.00	0.00	---	0.00	0.00	0.00
25	0.00	0.00	0.00	0.49	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00
26	0.41	0.00	0.00	0.00	0.10	0.00	0.24	0.00	0.09	0.73	0.00	0.00
27	0.23	0.04	0.00	0.29	0.56	0.00	0.00	0.00	0.46	0.51	0.00	5.44
28	0.23	0.10	0.00	0.16	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.45
29	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.38	0.00	0.00
30	0.00	0.00	0.06	0.00	---	0.60	0.00	0.26	0.49	0.00	---	0.00
31	0.00	---	0.00	0.00	---	0.47	---	0.07	---	0.00	---	---
TOTAL	1.62	1.95	2.89	2.17	5.18	1.48	1.88	1.95	---	4.12	---	---

SANTEE RIVER BASIN

270

02166500 LAKE GREENWOOD NEAR CHAPPELLE, SC

LOCATION.--Lat 34°10'08'', long 81°54'30'', Newberry County, Hydrologic Unit 03050109, at upstream end of dam on Saluda River, 0.7 mi upstream from Wilson Creek and 2.4 mi west of Chappells.

DRAINAGE AREA.--1,170 mi².

PERIOD OF RECORD.--May 1940 to current year.

GAGE.--Data collection platform. Datum of gage is NGVD of 1929 (levels by Dan T. Duncan Engineering Co.). Prior to June 11, 1940, nonrecording gage at same site and datum.

REMARKS.--Lake is formed by earth dam; storage began in May 1940; dam completed in 1940. Usable capacity, about 7,640,000,000 ft³ between elevations 420.0 ft (limit of drawdown) and 440.0 ft (normal operating level) sea level. Dead storage is about 3,500,000,000 ft³. Figures given herein represent usable contents. Elevation of spillway crest is 415.0 ft and elevation of top of 1.5 ft flashboards on top of spillway gages is 441.5 ft sea level. Water is used for generation of power.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 442.02 ft Mar. 5, 1952; minimum elevation since normal reservoir levels were first reached, 424.42 ft, Oct. 16, 1947.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 440.13 ft, Sep. 9; minimum elevation, 434.36 ft, Jan. 31.

Elevation above NGVD 1929, feet
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY OBSERVATION AT 2400 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	436.96	436.90	437.11	436.91	434.41	436.26	438.39	439.16	439.05	439.23	439.29	438.94
2	436.96	436.91	437.05	436.89	434.49	436.27	438.44	439.25	439.07	439.19	439.10	438.94
3	436.97	436.91	436.97	436.83	434.59	436.34	438.47	439.10	439.10	439.27	439.14	438.95
4	437.01	436.93	436.98	436.77	434.83	436.46	438.47	439.02	439.10	439.30	439.11	438.92
5	437.08	436.96	436.97	436.70	434.92	436.53	438.50	439.08	439.06	439.18	439.07	438.82
6	436.99	437.00	436.99	436.55	434.93	436.66	438.54	439.10	439.05	439.15	439.02	438.67
7	436.98	437.03	436.99	436.32	435.10	436.77	438.60	439.09	439.09	439.16	439.07	438.73
8	436.89	437.09	436.98	436.31	435.38	436.80	438.68	439.10	439.12	439.12	439.07	439.97
9	436.89	437.12	436.97	436.16	435.12	436.87	438.73	439.13	439.11	439.03	439.02	439.93
10	436.95	437.05	437.11	435.95	435.11	436.91	438.78	439.10	439.11	439.03	438.95	439.81
11	437.03	437.04	437.18	435.86	435.25	436.94	438.88	439.11	439.09	439.02	438.90	439.65
12	437.10	437.03	437.26	435.80	435.19	437.00	438.91	439.19	439.07	439.04	438.96	439.40
13	437.08	437.00	437.30	435.75	435.21	437.04	438.97	439.15	439.00	439.06	439.16	439.04
14	437.08	436.97	437.06	435.75	435.47	437.13	439.11	439.10	439.04	439.09	439.23	438.61
15	436.96	436.94	437.10	435.69	435.60	437.20	439.13	439.05	439.09	439.10	439.15	437.55
16	436.93	436.91	437.15	435.64	435.44	437.25	439.12	439.06	439.16	439.04	439.10	436.93
17	436.95	436.92	437.08	435.63	435.34	437.28	439.07	439.12	439.16	439.00	439.09	436.84
18	436.95	436.95	437.03	435.61	435.40	437.35	439.01	439.15	439.10	439.03	439.05	437.31
19	436.93	437.16	437.03	435.43	435.53	437.41	439.00	439.17	439.04	439.17	439.06	437.69
20	436.93	437.33	437.07	435.31	435.69	437.51	439.01	439.15	438.97	439.20	439.10	437.68
21	436.99	437.12	437.07	435.19	435.84	437.59	439.01	439.11	439.05	439.11	439.06	437.53
22	436.98	437.02	437.06	435.14	435.87	437.63	439.03	439.05	439.13	439.05	439.03	437.46
23	436.96	437.02	436.97	435.03	435.84	437.71	439.08	439.06	439.13	439.03	439.03	437.46
24	436.93	437.00	437.02	434.96	435.89	437.75	439.11	439.08	439.05	438.99	439.06	437.45
25	436.91	436.98	436.96	434.94	435.92	437.82	439.12	439.12	439.03	438.95	439.04	437.42
26	436.89	436.99	436.94	434.73	436.15	437.86	439.10	439.07	439.11	439.05	439.07	437.35
27	436.93	436.99	436.89	434.63	436.25	437.93	439.06	439.02	439.43	439.11	439.06	437.88
28	437.02	437.04	436.85	434.59	436.27	438.05	439.08	438.99	439.47	439.13	439.07	439.95
29	437.01	436.99	436.82	434.55	436.28	438.09	439.12	438.99	439.46	439.08	439.04	439.72
30	436.96	437.02	436.93	434.41	---	438.22	439.14	439.00	439.47	439.20	439.01	439.71
31	436.90	---	436.93	434.37	---	438.35	---	439.01	---	439.49	438.95	---
MAX	437.10	437.33	437.30	436.91	436.28	438.35	439.14	439.25	439.47	439.49	439.29	439.97
MIN	436.89	436.90	436.82	434.37	434.41	436.26	438.39	438.99	438.97	438.95	438.90	436.84
	6.23	6.28	6.24	5.10	5.95	6.88	7.24	7.18	7.40	7.41	7.16	7.51
	0.00	+19.3	-14.9	-426	+339	+347	+139	-22.4	+84.9	+3.73	-93.3	+135

CAL YR 2003 * -22.8 MAX 441.10 MIN 434.50
WTR YR 2004 * +40.5 MAX 439.97 MIN 434.37

(+) CONTENTS, IN BILLIONS OF CUBIC FEET, AT END OF MONTH.
(*) CHANGE IN CONTENT, EQUIVALENT IN CUBIC FEET PER SECOND.

SANTEE RIVER BASIN

02166501 LAKE GREENWOOD TAILRACE NEAR CHAPPELLE, SC

LOCATION.--Lat 34°10'10'', long 81°54'10'', Newberry County, Hydrologic Unit 03050109, on left wingwall at downstream side of gated spillway, 200 ft below dam, on Saluda River, 0.7 mi upstream from Wilson Creek and 2.4 mi west of Chappells.

DRAINAGE.--1,170 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1996 to current year. Gage-height records only are available for the period of May 1977 to September 1996.

GAGE.--Data collection platform. Datum of gage is 370.00 ft above NGVD of 1929.

REMARKS.--No estimated daily discharges. Records fair.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

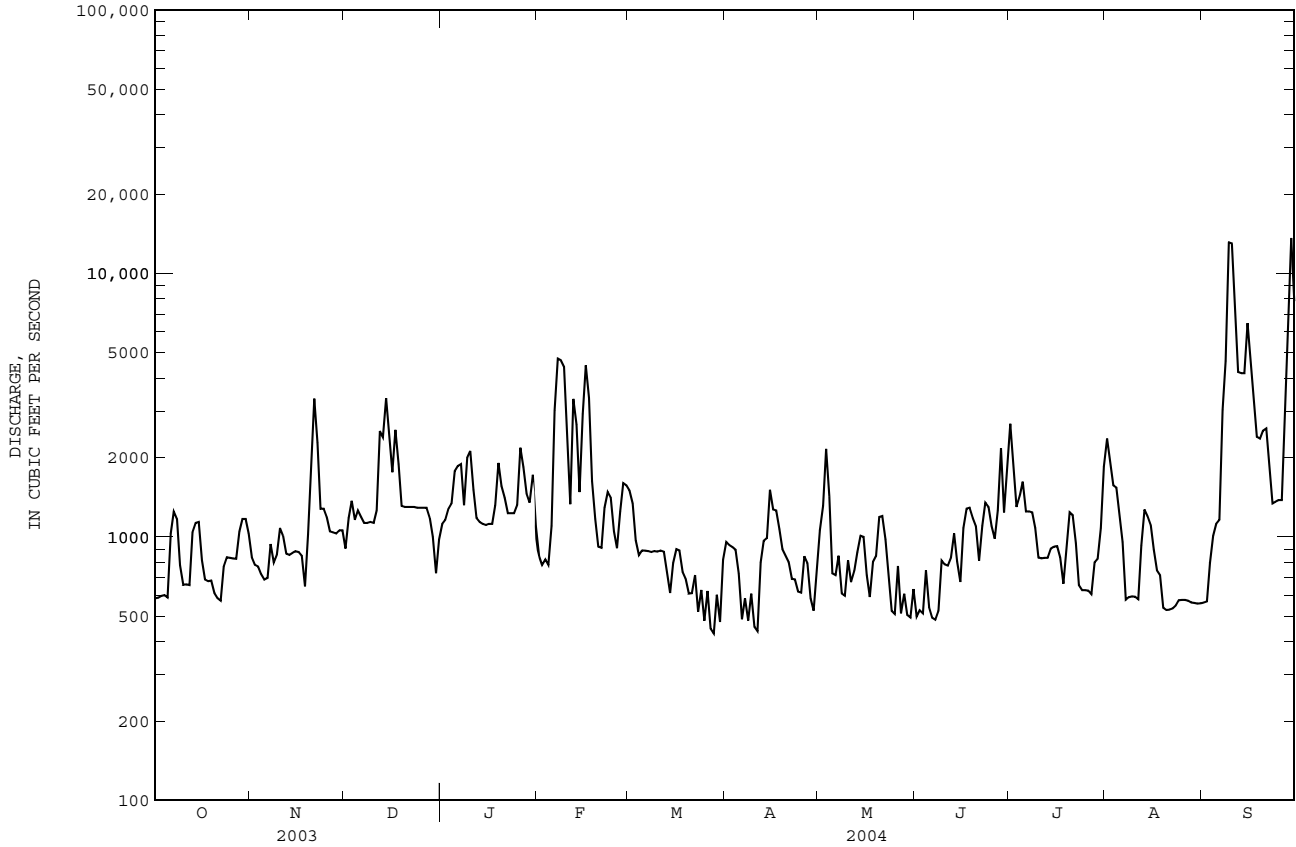
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	585	837	904	1120	849	1500	957	1060	498	2690	2360	563
2	588	785	1180	1160	783	1340	932	1310	527	1860	1950	569
3	597	773	1370	1280	822	972	915	2160	513	1300	1570	796
4	602	723	1160	1340	782	853	893	1430	747	1430	1540	1010
5	589	689	1260	1780	1100	888	726	728	540	1620	1210	1120
6	1030	699	1190	1860	3020	887	487	716	494	1250	957	1160
7	1250	940	1130	1890	4750	883	585	849	485	1250	578	3030
8	1170	799	1130	1320	4680	876	482	610	523	1240	591	4650
9	780	854	1140	2000	4420	883	609	598	814	1080	595	13100
10	659	1080	1130	2120	2430	880	456	815	787	836	593	13000
11	661	1010	1260	1510	1330	887	439	674	778	830	580	7650
12	657	864	2520	1180	3340	879	800	742	832	833	928	4220
13	1040	854	2390	1140	2670	732	966	874	1030	833	1270	4180
14	1130	870	3360	1120	1480	613	989	1010	805	903	1200	4180
15	1140	882	2410	1110	2930	797	1510	1000	675	919	1110	6480
16	815	876	1760	1120	4480	899	1270	716	1080	923	895	4450
17	690	849	2550	1120	3370	888	1260	592	1280	835	746	3230
18	679	650	1890	1320	1630	738	1070	804	1290	664	716	2400
19	683	1020	1310	1910	1170	695	898	846	1180	907	539	2360
20	612	2070	1300	1560	919	610	849	1190	1100	1240	528	2530
21	586	3350	1300	1410	909	612	803	1200	813	1210	530	2580
22	573	2280	1300	1230	1290	716	694	979	1100	947	535	1910
23	770	1280	1300	1230	1480	520	690	715	1350	656	549	1340
24	837	1280	1290	1230	1410	629	620	524	1300	628	575	1360
25	833	1190	1290	1320	1050	481	614	510	1100	628	577	1380
26	829	1050	1290	2180	906	624	845	776	985	626	577	1380
27	826	1040	1290	1840	1250	449	797	513	1260	607	573	3310
28	1050	1030	1180	1460	1600	430	585	608	2170	800	564	6030
29	1170	1060	1000	1350	1570	603	525	506	1240	825	562	13600
30	1170	1060	729	1720	---	476	737	495	1840	1080	559	7840
31	1030	---	978	1100	---	819	---	634	---	1850	560	---
TOTAL	25631	32744	45291	45030	58420	24059	24003	26184	29136	33300	26617	121408
MEAN	827	1091	1461	1453	2014	776	800	845	971	1074	859	4047
MAX	1250	3350	3360	2180	4750	1500	1510	2160	2170	2690	2360	13600
MIN	573	650	729	1100	782	430	439	495	485	607	528	563
CFSM	0.71	0.93	1.25	1.24	1.72	0.66	0.68	0.72	0.83	0.92	0.73	3.46
IN.	0.81	1.04	1.44	1.43	1.86	0.76	0.76	0.83	0.93	1.06	0.85	3.86

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1997 - 2004, BY WATER YEAR (WY)

	1997	1998	1999	2000	2001	2002	2003	2004
MEAN	815	910	1365	2020	1981	2152	1923	1544
MAX	1175	1544	2237	3948	5071	4283	4972	3316
(WY)	1998	1998	2003	1998	1998	2003	1998	2003
MIN	350	339	527	1146	527	776	800	660
(WY)	2001	2002	2002	2001	2001	2004	2004	2001

02166501 LAKE GREENWOOD TAILRACE NEAR CHAPPELLE, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1997 - 2004	
ANNUAL TOTAL	818691		491823		1398	
ANNUAL MEAN	2243		1344		2468	
HIGHEST ANNUAL MEAN					688	
LOWEST ANNUAL MEAN					17000	
HIGHEST DAILY MEAN	17000	Mar 21	13600	Sep 29	17000	Mar 21 2003
LOWEST DAILY MEAN	573	Oct 22	430	Mar 28	216	Dec 4 2001
ANNUAL SEVEN-DAY MINIMUM	646	Sep 29	527	Mar 24	248	Sep 8 2002
MAXIMUM PEAK FLOW			15800		Unknown	
MAXIMUM PEAK STAGE			25.84		32.89	
ANNUAL RUNOFF (CFSM)	1.92		1.15		1.19	
ANNUAL RUNOFF (INCHES)	26.03		15.64		16.24	
10 PERCENT EXCEEDS	3590		2360		3060	
50 PERCENT EXCEEDS	1820		982		876	
90 PERCENT EXCEEDS	837		576		387	



SANTEE RIVER BASIN

02166501 LAKE GREENWOOD TAILRACE NEAR CHAPPELLE, SC--Continued

PRECIPITATION RECORDS

PERIOD OF RECORD.--December 1993 to current year.

INSTRUMENTATION.--Tipping bucket raingage and data collection platform.

REMARKS.--Precipitation data collected during freezing periods may not be accurately reflected in daily record; consequently, winter record is poor.

Precipitation, total, inches
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.62	0.00	0.00	0.00	---
2	0.00	0.00	0.00	0.00	0.56	0.00	0.00	1.05	0.00	0.00	0.00	---
3	0.00	0.00	0.00	0.00	0.04	0.00	0.01	0.00	0.00	0.02	0.00	---
4	0.00	0.19	0.38	0.00	0.00	0.00	0.00	0.00	0.08	0.04	0.00	---
5	0.00	0.01	0.00	0.17	0.01	0.00	0.00	0.00	0.00	0.00	0.00	---
6	0.54	0.03	0.00	0.00	0.66	0.01	0.00	0.00	0.00	0.00	0.00	---
7	0.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.46	0.00	0.00	---
8	0.07	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	---
9	0.00	0.01	0.00	0.18	0.00	0.00	0.00	0.00	0.06	0.00	0.00	---
10	0.13	0.00	0.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---
11	0.17	0.00	0.00	0.00	0.05	0.00	0.05	0.00	0.00	0.00	0.00	---
12	0.00	0.00	0.00	0.00	0.95	0.00	0.64	0.81	0.14	0.02	0.96	---
13	0.00	0.00	0.76	0.00	0.00	0.00	0.56	0.00	0.00	0.00	0.00	---
14	0.15	0.00	0.35	0.00	0.79	0.00	0.00	0.00	0.78	0.00	0.00	---
15	0.00	0.00	0.01	0.00	0.76	0.18	0.00	0.00	0.20	0.00	0.56	---
16	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	---	---
17	0.06	0.01	0.15	0.05	0.00	0.00	0.00	0.00	0.00	0.00	---	---
18	0.00	0.01	0.00	0.24	0.00	0.00	0.00	0.00	0.00	0.00	---	---
19	0.00	0.63	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	---	---
20	0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	---	---
21	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.96	0.00	---	---
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.45	0.00	---	---
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	---	---
24	0.00	0.02	0.01	0.00	0.06	0.00	0.00	0.00	0.00	0.00	---	---
25	0.00	0.00	0.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00	---	---
26	0.00	0.00	0.00	0.00	0.33	0.00	0.20	0.00	0.00	0.18	---	---
27	0.00	0.08	0.00	0.26	0.45	0.00	0.00	0.00	0.54	0.02	---	---
28	0.58	0.13	0.00	0.12	0.05	0.00	0.00	0.00	0.00	0.58	---	---
29	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	---	---
30	0.00	0.00	0.00	0.00	---	0.56	0.00	0.00	0.08	0.00	---	---
31	0.00	---	0.00	0.00	---	0.44	---	0.18	---	0.00	---	---
TOTAL	2.50	1.15	2.09	1.31	4.71	1.51	1.46	2.68	3.82	0.88	---	---

02167000 SALUDA RIVER AT CHAPPELLE, SC

LOCATION.--Lat 34°10'40'', long 81°51'40'', Newberry County, Hydrologic Unit 03050109, on left bank, on downstream side of bridge on State Highway 39 at Chappells, 6.7 mi downstream from dam at Lake Greenwood, 9.8 mi upstream from Little River, and at mile 52.3.

DRAINAGE AREA.--1,360 mi².

PERIOD OF RECORD.--October 1926 to current year. Monthly discharge only for some periods, published in WSP 1303. Gage-height records collected since 1905 are contained in reports of National Weather Service.

GAGE.--Data collection platform. Datum of gage is 362.89 ft above NGVD of 1929. Oct. 1, 1926 to Sept. 30, 1939, nonrecording or recording gage at site 300 ft downstream at datum 363.79 ft above NGVD of 1929. Oct. 1, 1939 to Oct. 7, 1964, recording gage at present site and at datum 363.89 ft above NGVD of 1929.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Flow regulated by Lake Greenwood (see sta. 02166500).

EXTREMES OUTSIDE PERIOD OF RECORD.--The flood of Aug. 26, 1908 reached a stage of 36.7 ft (present site and datum), from reports of National Weather Service.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	626	849	1020	1150	868	1570	1120	994	523	2860	2130	536
2	621	779	1100	1160	819	1420	1060	1320	542	2020	1940	542
3	635	786	1350	1260	954	1110	1040	1980	535	1300	1440	696
4	637	793	1170	1300	850	943	1010	1660	746	1400	1460	902
5	629	767	1250	1640	1120	965	898	767	565	1560	1160	1010
6	916	751	1230	1700	2470	957	621	746	536	1230	1010	1050
7	1420	957	1170	1810	4690	950	695	865	498	1210	590	2340
8	1240	852	1170	1260	4660	940	e485	641	553	1190	597	4380
9	905	851	1170	1740	4300	945	e582	624	774	1120	599	10100
10	723	1010	1160	1910	2810	944	e482	799	816	868	596	14200
11	726	1020	1280	1540	1390	938	e428	686	778	857	570	9260
12	730	858	2250	1160	3020	924	e736	766	770	858	760	4210
13	995	842	2170	1130	3290	849	1080	868	1010	856	1190	3890
14	1160	854	3040	1090	1740	725	e972	945	832	862	1150	3870
15	1170	865	2770	1080	3060	824	e1450	1010	676	857	1030	5540
16	937	862	1750	1080	4610	943	1310	806	954	856	914	4940
17	743	845	2230	1090	3910	933	1300	616	1230	802	688	3250
18	733	728	1960	1220	1700	849	1170	788	1210	670	745	2310
19	738	926	1320	1740	1320	784	1000	809	1160	780	545	2180
20	682	1890	1310	1440	1000	708	957	1100	1200	1140	521	2340
21	638	3030	1310	1370	984	714	e837	1190	816	1150	519	2410
22	626	2550	1300	1220	1220	825	e731	992	1190	961	524	1940
23	735	1290	1300	1220	1460	670	772	796	1300	632	528	1230
24	817	1280	1290	1220	1410	744	708	556	1260	604	561	1220
25	814	1250	1290	1260	1130	615	698	528	1110	598	568	1250
26	810	1100	1290	1860	993	734	865	753	968	598	568	1250
27	808	1090	1290	1910	1330	592	933	546	1130	595	556	2710
28	984	1080	1230	1490	1800	556	693	614	2140	769	548	5820
29	1170	1110	1090	1330	1740	700	617	525	1490	757	538	11900
30	1180	1110	799	1630	---	614	789	519	1700	999	534	9880
31	1060	---	952	1150	---	879	---	647	---	1530	536	---
TOTAL	26608	32975	45011	43160	60648	26864	26039	26456	29012	32489	25615	117156
MEAN	858	1099	1452	1392	2091	867	868	853	967	1048	826	3905
MAX	1420	3030	3040	1910	4690	1570	1450	1980	2140	2860	2130	14200
MIN	621	728	799	1080	819	556	428	519	498	595	519	536
CFSM	0.63	0.81	1.07	1.02	1.54	0.64	0.64	0.63	0.71	0.77	0.61	2.87
IN.	0.73	0.90	1.23	1.18	1.66	0.73	0.71	0.72	0.79	0.89	0.70	3.20

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1927 - 2004, BY WATER YEAR (WY)

MEAN	1437	1391	1856	2551	2612	2915	2517	1777	1456	1239	1370	1317
MAX	8243	3417	5486	8844	5564	9236	10480	3970	3576	3008	9626	6709
(WY)	1930	1958	1933	1936	1960	1929	1936	1929	1965	2003	1928	1929
MIN	243	265	536	679	609	475	646	218	58.2	52.8	291	324
(WY)	1955	1954	1956	1956	2001	1988	1986	1940	1940	1940	2002	1999

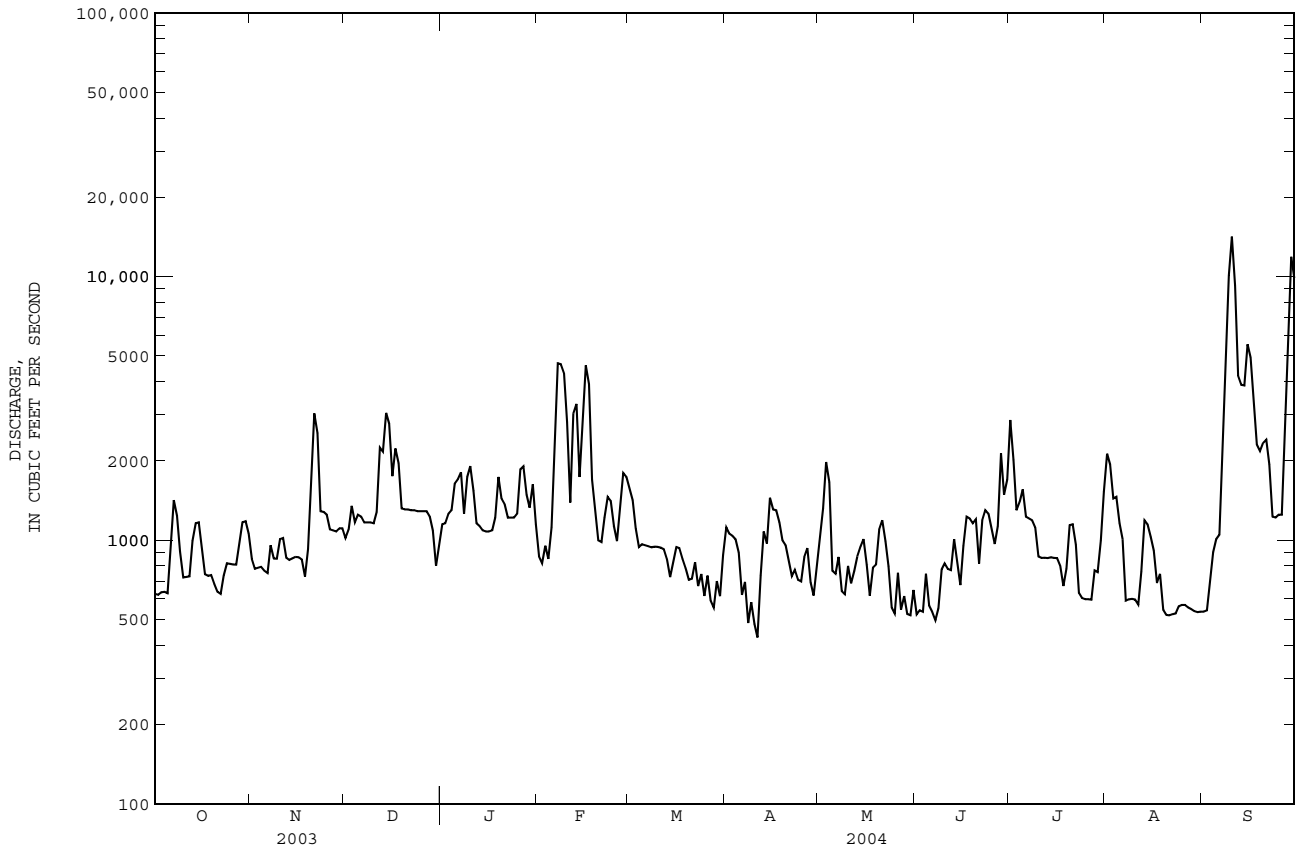
SANTEE RIVER BASIN

02167000 SALUDA RIVER AT CHAPPELLE, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1927 - 2004	
ANNUAL TOTAL	879132		492033		1866	
ANNUAL MEAN	2409		1344		3110	
HIGHEST ANNUAL MEAN					732	
LOWEST ANNUAL MEAN					1929	
HIGHEST DAILY MEAN	20500	Mar 21	14200	Sep 10	56700	Oct 3 1929
LOWEST DAILY MEAN	621	Oct 2	e 428	Apr 11	8.0	Oct 29 1939
ANNUAL SEVEN-DAY MINIMUM	684	Sep 30	538	Aug 19	23	Jun 29 1940
MAXIMUM PEAK FLOW			14900	Sep 10	a 63700	Oct 2 1929
MAXIMUM PEAK STAGE			20.17	Sep 10	b 32.50	Oct 2 1929
ANNUAL RUNOFF (CFSM)	1.77		0.988		1.37	
ANNUAL RUNOFF (INCHES)	24.05		13.46		18.65	
10 PERCENT EXCEEDS	3770		2170		3770	
50 PERCENT EXCEEDS	1940		997		1360	
90 PERCENT EXCEEDS	853		596		490	

a From rating curve extended logarithmically above 29,000 ft³/s.
 b Adjusted to present datum.

e Estimated



SANTEE RIVER BASIN

276

02167450 LITTLE RIVER NEAR SILVERSTREET, SC

LOCATION.--Lat 34°12'34'', long 81°45'48'', Newberry County, Hydrologic Unit 03050109, near center span on downstream side of bridge on US Highway 34, 3.4 mi downstream from Mud Lick Creek, 2.8 mi upstream from mouth, 2.9 mi west of Silverstreet.

DRAINAGE AREA.--230 mi², approximately.

PERIOD OF RECORD.--March 1990 to current year. Occasional low-flow measurements, water years 1953-77.

GAGE.--Data collection platform. Elevation of gage is 360 ft above NGVD of 1929 (from topographic map).

REMARKS.--Records fair except for estimated daily discharges, which are poor.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	36	52	59	59	72	357	207	65	30	94	35	15
2	36	50	59	58	68	286	131	92	29	82	32	18
3	36	50	59	58	95	208	110	140	28	208	41	19
4	36	51	59	59	124	171	100	101	28	269	87	17
5	35	60	71	59	98	151	91	73	29	124	46	16
6	36	80	79	66	97	139	86	64	28	129	35	14
7	41	72	69	75	792	130	81	59	26	98	28	24
8	43	e78	64	62	741	117	82	55	29	66	24	470
9	43	e61	62	61	266	108	82	53	50	53	21	539
10	64	57	65	66	177	103	78	52	43	46	20	474
11	61	55	98	65	147	100	74	50	37	41	19	448
12	62	56	110	60	274	101	84	60	32	40	33	79
13	57	57	81	60	544	93	127	56	30	39	107	53
14	52	55	130	60	340	91	210	52	36	40	75	48
15	50	54	178	59	627	89	144	49	48	33	49	45
16	49	54	117	58	1020	101	110	46	46	29	39	45
17	47	56	94	56	620	105	97	44	43	27	34	47
18	46	57	88	62	299	93	88	43	36	29	31	52
19	47	70	80	75	214	86	82	45	30	75	28	48
20	46	141	73	70	176	85	78	45	27	42	25	39
21	45	107	68	61	154	90	75	42	31	32	23	34
22	44	78	66	58	137	93	71	41	54	28	22	33
23	42	69	67	57	125	83	67	39	70	25	22	31
24	42	65	67	56	121	78	65	38	71	22	21	29
25	41	63	66	58	115	77	63	36	66	20	36	33
26	42	63	63	79	122	76	63	35	50	19	35	28
27	44	61	62	99	169	76	64	34	42	70	23	64
28	48	62	61	99	233	76	63	32	221	87	19	866
29	62	64	61	100	347	75	58	30	110	50	17	1520
30	66	63	61	86	---	76	56	30	67	46	15	1160
31	57	---	60	79	---	151	---	32	---	47	14	---
TOTAL	1456	1961	2397	2080	8314	3665	2787	1633	1467	2010	1056	6308
MEAN	47.0	65.4	77.3	67.1	287	118	92.9	52.7	48.9	64.8	34.1	210
MAX	66	141	178	100	1020	357	210	140	221	269	107	1520
MIN	35	50	59	56	68	75	56	30	26	19	14	14
CFSM	0.20	0.28	0.34	0.29	1.25	0.51	0.40	0.23	0.21	0.28	0.15	0.91
IN.	0.24	0.32	0.39	0.34	1.34	0.59	0.45	0.26	0.24	0.33	0.17	1.02

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 2004, BY WATER YEAR (WY)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
MEAN	102	150	183	273	375	423	244	146	123	74.4	91.2	72.8			
MAX	369	572	592	658	714	914	752	333	619	217	359	210			
(WY)	1991	1993	1995	1993	1995	2003	2003	2003	1994	2003	1994	2004			
MIN	14.1	29.4	39.0	67.1	72.3	118	92.9	40.3	22.2	13.0	5.54	19.4			
(WY)	2002	2002	2002	2004	2001	2004	2004	2001	2002	2002	2002	1999			

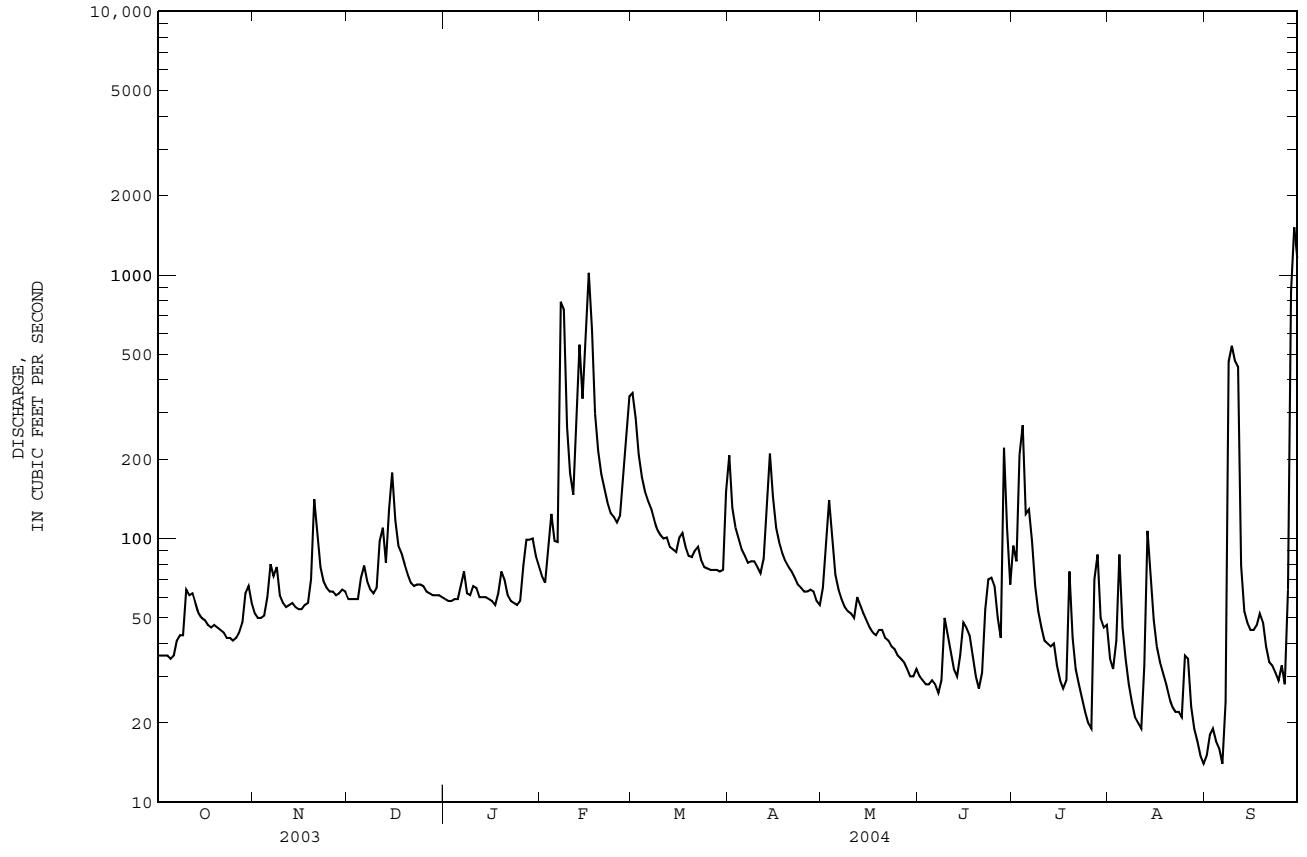
SANTEE RIVER BASIN

02167450 LITTLE RIVER NEAR SILVERSTREET, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1990 - 2004	
ANNUAL TOTAL	98841		35134		189	
ANNUAL MEAN	271		96.0		304	
HIGHEST ANNUAL MEAN					77.7	
LOWEST ANNUAL MEAN					5600	
HIGHEST DAILY MEAN	e	5300 Apr 19	1520	Sep 29	1996	Feb 3
LOWEST DAILY MEAN		35 Oct 5	14	a Aug 31	2002	Aug 14
ANNUAL SEVEN-DAY MINIMUM		36 Sep 30	16	Aug 31	2002	Aug 9
MAXIMUM PEAK FLOW			1820	Sep 30	2003	Apr 19
MAXIMUM PEAK STAGE			10.73	Sep 30	2003	Apr 19
ANNUAL RUNOFF (CFSM)	1.18		0.417		0.822	
ANNUAL RUNOFF (INCHES)	15.99		5.68		11.16	
10 PERCENT EXCEEDS	527		148		334	
50 PERCENT EXCEEDS	108		61		90	
90 PERCENT EXCEEDS	46		29		29	

a Also occurred Sep. 6.

e Estimated



02167557 BUSH RIVER AT JOANNA, SC

LOCATION.--Lat 34°24'28'', long 81°49'35'', Laurens County, Hydrologic Unit 03050108, downstream side of bridge on State Highway 66, 1.0 mi west of Joanna.

DRAINAGE AREA.--11.1 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--June 1995 to current year.

GAGE.--Data collection platform. Elevation of gage is 530 ft above NGVD of 1929 (from topographic map).

REMARKS.--No estimated daily discharges. Records fair.

Discharge, cubic feet per second												
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004												
DAILY MEAN VALUES												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.1	5.0	4.7	5.1	9.4	38	33	15	0.52	16	1.5	0.01
2	1.1	4.1	3.9	4.3	7.9	29	23	26	0.49	26	0.48	0.01
3	1.0	3.6	3.5	4.1	31	26	19	30	0.42	266	27	0.01
4	1.0	3.5	5.6	4.4	25	17	9.7	12	0.40	51	16	0.01
5	0.99	15	21	6.2	17	13	5.9	6.8	0.41	35	2.3	0.01
6	0.97	17	13	16	80	13	4.6	5.2	0.40	33	0.60	0.02
7	1.1	13	7.4	12	248	13	4.1	4.9	0.38	27	0.23	23
8	1.5	9.1	5.4	9.6	44	8.6	6.7	4.4	1.9	15	0.14	182
9	1.8	5.4	5.4	10	27	4.9	10	3.4	13	5.7	0.11	44
10	3.8	3.6	15	11	17	6.1	5.7	2.8	10	1.9	0.09	19
11	4.4	3.3	33	8.7	8.7	5.5	4.8	2.5	5.0	1.0	0.08	6.4
12	4.4	3.3	18	6.6	65	4.2	25	2.1	2.5	0.70	13	3.5
13	5.7	3.4	13	6.8	50	3.7	53	13	1.9	0.50	39	2.5
14	5.1	3.0	40	7.5	34	3.5	41	9.1	2.5	0.35	5.1	2.0
15	3.6	2.4	29	6.7	90	7.1	24	5.2	12	0.22	0.86	1.9
16	2.5	2.4	19	5.0	101	25	12	3.1	15	0.13	0.39	2.4
17	2.2	2.5	14	4.6	37	14	7.7	2.4	9.5	0.09	0.16	6.0
18	2.1	2.7	13	11	25	7.5	6.6	2.0	4.2	0.34	0.07	6.1
19	2.1	26	11	17	19	6.1	5.5	2.0	2.3	3.1	0.03	7.1
20	2.1	33	8.5	8.4	12	5.9	4.5	1.9	1.5	0.79	0.01	3.7
21	2.2	16	6.2	5.5	9.3	18	3.9	2.0	8.1	0.28	0.01	2.2
22	2.3	8.4	5.1	5.1	11	12	3.4	2.0	25	0.14	0.00	1.4
23	2.3	5.1	4.8	5.5	6.6	5.0	3.3	1.8	16	0.10	0.00	1.0
24	2.5	4.3	5.3	4.2	5.7	4.0	3.1	1.6	15	0.08	0.00	0.83
25	2.5	4.2	5.4	12	5.3	3.6	2.7	1.2	15	0.07	0.00	0.74
26	2.7	3.8	4.6	27	15	3.9	2.6	1.0	13	0.48	0.00	0.73
27	3.4	4.0	4.4	22	34	5.5	3.0	0.85	20	0.39	0.00	30
28	3.6	4.5	4.4	24	38	5.4	3.0	0.73	35	2.1	0.00	334
29	5.6	5.0	5.6	23	47	3.6	2.6	0.63	21	1.4	0.00	64
30	7.7	5.0	7.4	17	---	14	2.3	0.61	14	25	0.00	30
31	6.6	---	7.3	11	---	66	---	0.53	---	9.0	0.01	---
TOTAL	89.96	221.6	343.9	321.3	1119.9	392.1	335.7	166.75	266.42	522.86	107.17	774.57
MEAN	2.90	7.39	11.1	10.4	38.6	12.6	11.2	5.38	8.88	16.9	3.46	25.8
MAX	7.7	33	40	27	248	66	53	30	35	266	39	334
MIN	0.97	2.4	3.5	4.1	5.3	3.5	2.3	0.53	0.38	0.07	0.00	0.01
CFSM	0.26	0.67	1.00	0.93	3.48	1.14	1.01	0.48	0.80	1.52	0.31	2.33
IN.	0.30	0.74	1.15	1.08	3.75	1.31	1.13	0.56	0.89	1.75	0.36	2.60

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1995 - 2004, BY WATER YEAR (WY)

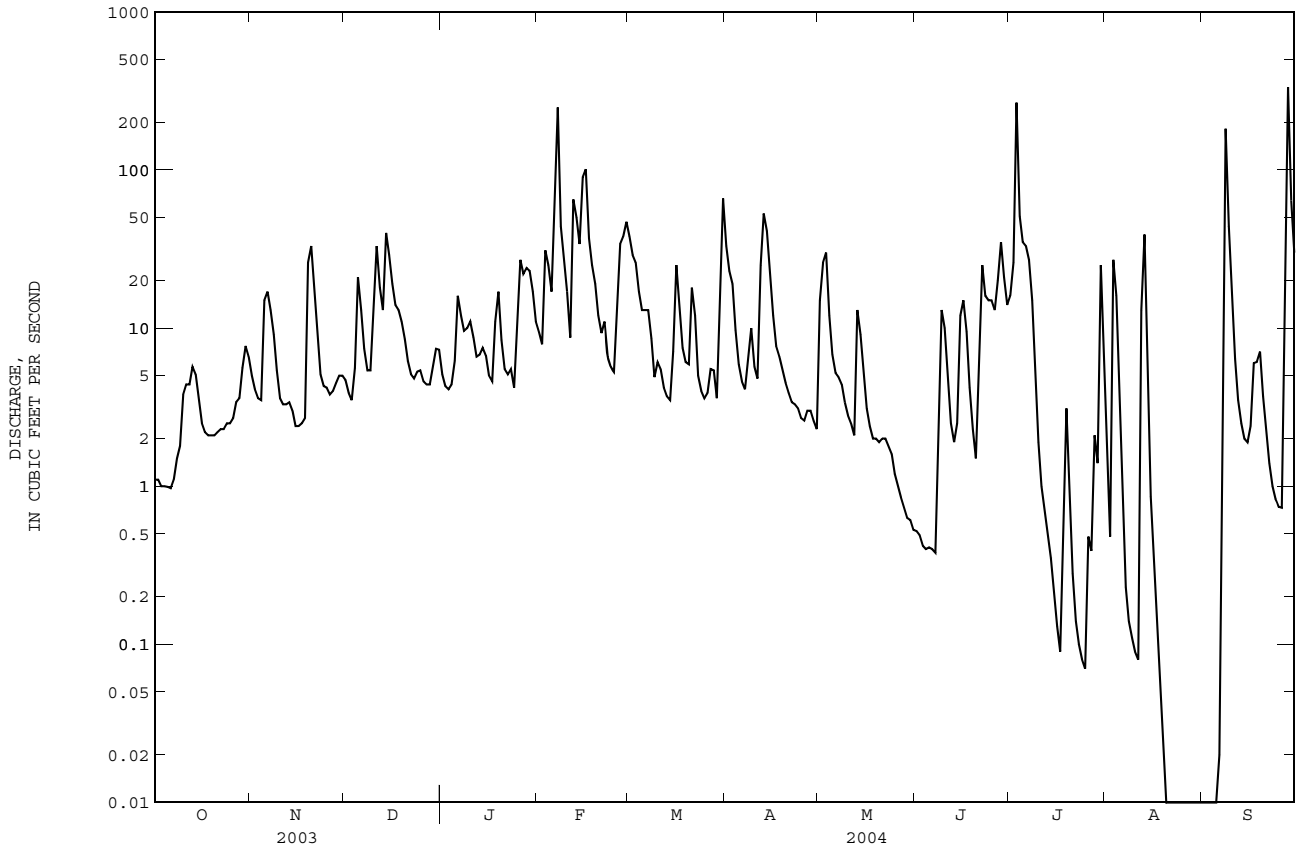
	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
MEAN	7.50	11.2	12.1	17.6	26.5	29.7	25.3	11.1	6.32	7.25
MAX	22.8	31.2	30.2	43.0	50.1	66.5	61.9	32.7	11.7	21.7
(WY)	1997	1996	2003	1998	1998	2003	2003	2003	2003	1995
MIN	0.30	1.13	1.51	4.61	4.79	10.1	3.58	2.90	0.06	0.13
(WY)	2002	2002	2002	2001	2001	1999	2001	2001	2002	2002

SANTEE RIVER BASIN

02167557 BUSH RIVER AT JOANNA, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1995 - 2004	
ANNUAL TOTAL	8086.41		4662.23		14.0	
ANNUAL MEAN	22.2		12.7		25.0 2003	
HIGHEST ANNUAL MEAN					5.42 2002	
LOWEST ANNUAL MEAN					730 Apr 18 2003	
HIGHEST DAILY MEAN	730	Apr 18	334	Sep 28	730 Apr 18 2003	
LOWEST DAILY MEAN	0.39	Jun 27	0.00	a Aug 22	0.00 b Aug 28 2001	
ANNUAL SEVEN-DAY MINIMUM	0.69	Jun 24	0.00	Aug 22	0.00 Aug 28 2001	
MAXIMUM PEAK FLOW			593	Sep 28	Unknown Apr 18 2003	
MAXIMUM PEAK STAGE			7.07	Sep 28	9.49 Apr 18 2003	
ANNUAL RUNOFF (CFSM)	2.00		1.15		1.26	
ANNUAL RUNOFF (INCHES)	27.10		15.62		17.17	
10 PERCENT EXCEEDS	37		28		25	
50 PERCENT EXCEEDS	5.4		5.1		5.0	
90 PERCENT EXCEEDS	1.4		0.37		0.70	

a Also occurred Aug. 23-30.
 B Also occurred many days in 2001, 2002, and Aug. 23-30, 2004.



02167557 BUSH RIVER AT JOANNA, SC--Continued

PRECIPITATION RECORDS

PERIOD OF RECORD.--May 2001 to current year.

INSTRUMENTATION.--Tipping bucket raingage and data collection platform.

REMARKS.--Precipitation data collected during freezing periods may not be accurately reflected in daily record; consequently, winter record is poor.

Precipitation, total, inches
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---	---	0.14
2	0.00	0.02	0.00	0.00	0.19	0.00	0.00	0.00	0.00	---	---	0.00
3	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00	---	---	0.00
4	0.00	0.12	0.37	0.00	---	0.00	0.00	0.00	0.06	---	---	0.00
5	0.00	0.03	0.01	0.05	---	0.00	0.00	0.00	0.00	---	---	0.00
6	0.00	0.00	0.01	0.00	---	0.03	0.00	0.00	0.00	---	---	0.17
7	0.04	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	---	---	1.70
8	---	0.01	0.00	0.01	---	0.00	0.00	0.00	0.47	---	---	---
9	---	0.01	0.00	0.14	---	0.01	0.00	0.00	0.00	---	---	---
10	---	0.00	0.07	0.00	---	0.00	0.00	0.00	0.01	---	---	---
11	---	0.00	0.00	0.00	---	0.00	0.06	0.00	0.00	---	---	---
12	---	0.00	0.00	0.00	0.36	0.00	0.17	0.00	0.01	---	---	---
13	---	0.00	0.22	0.00	0.00	0.00	0.06	0.00	0.04	---	---	---
14	---	0.00	0.00	0.00	0.48	0.00	0.00	0.00	0.09	---	---	---
15	---	0.00	0.00	0.00	0.39	0.09	0.00	0.00	0.02	---	---	---
16	---	0.00	0.00	0.00	0.01	0.04	0.00	0.00	0.08	---	---	---
17	---	0.00	0.16	0.04	0.00	0.00	0.00	0.00	0.00	---	---	0.58
18	---	0.01	0.00	0.23	0.00	0.00	0.00	0.00	0.00	---	0.00	0.01
19	---	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.01	---	0.00	0.00
20	---	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	---	0.00	0.00
21	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	---	0.11	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.05	---	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	---	0.00	0.00
24	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	---	---	0.06	0.00
25	0.00	0.00	0.00	0.31	0.00	0.00	0.02	0.00	---	---	0.00	0.01
26	0.03	0.00	0.00	0.00	0.02	0.00	0.00	0.00	---	---	0.00	0.00
27	0.00	0.01	0.00	0.11	0.33	0.00	0.00	0.00	---	---	0.00	3.33
28	0.47	0.11	0.00	0.23	0.49	0.00	0.00	0.00	---	---	0.00	0.41
29	0.05	0.00	0.00	0.10	0.00	0.00	0.00	0.00	---	---	0.00	0.00
30	0.00	0.00	0.02	0.01	---	0.35	0.00	0.00	---	---	0.00	0.00
31	0.00	---	0.00	0.00	---	0.11	---	0.01	---	---	0.00	---
TOTAL	---	0.57	0.86	1.23	---	0.69	0.31	0.02	---	---	---	---

SANTEE RIVER BASIN

02167563 BUSH RIVER AT NEWBERRY, SC

LOCATION.--Lat 34°14'31'', long 81°38'49'', Newberry County, Hydrologic Unit 03050109, upstream side of bridge on State Highway 34, about 1.75 mi west of Newberry.

DRAINAGE AREA.--62.2 mi².

PERIOD OF RECORD.--March 1999 to current year.

GAGE.--Data collection platform. Elevation of gage is 375 ft above NGVD of 1929 (from topographic map).

REMARKS.--Records fair except for estimated daily discharges, which are poor.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.9	15	18	19	38	239	90	22	5.3	28	20	3.1
2	7.8	14	17	20	28	213	60	54	4.8	20	14	3.3
3	8.4	14	16	19	71	116	43	74	3.9	38	14	3.9
4	8.0	14	18	19	55	83	35	41	4.9	171	10	3.5
5	8.1	22	28	19	46	67	31	33	4.6	158	21	3.1
6	8.3	22	26	23	61	58	27	26	3.7	48	14	2.8
7	16	29	26	22	236	52	25	21	4.3	35	10	35
8	19	26	24	22	267	45	25	18	5.3	28	6.7	394
9	15	21	21	24	147	41	24	16	15	22	5.2	161
10	16	19	22	25	67	39	23	15	13	16	4.2	113
11	21	18	35	22	50	37	23	14	13	12	3.9	37
12	19	17	39	21	176	35	29	14	12	10	12	22
13	17	17	37	20	176	33	49	17	11	8.5	29	17
14	15	16	104	19	176	31	76	15	10	7.0	37	13
15	19	15	82	18	274	32	62	15	12	6.5	27	12
16	17	15	56	17	364	41	38	18	11	5.6	17	12
17	15	15	e45	17	202	39	31	15	11	5.3	12	23
18	13	18	e40	22	109	39	26	13	12	5.7	9.4	20
19	12	31	e32	24	79	36	23	12	10	4.4	8.5	15
20	12	47	29	22	64	31	21	12	7.7	4.2	7.6	12
21	11	49	26	21	56	36	20	11	26	3.9	6.7	9.7
22	10	36	24	19	49	33	19	10	19	4.8	6.1	8.6
23	9.9	28	23	18	43	32	19	10	33	4.8	6.1	8.1
24	11	24	23	19	43	31	17	9.3	64	4.4	6.1	7.5
25	13	21	22	18	41	28	16	9.7	31	4.2	6.1	6.5
26	13	19	20	33	52	27	16	8.4	22	3.2	5.1	5.5
27	15	19	19	44	96	26	18	7.9	20	18	4.3	19
28	16	20	20	55	156	25	17	7.3	69	20	3.7	216
29	29	20	20	42	207	24	16	6.6	57	14	3.3	257
30	23	19	22	36	---	26	15	6.0	33	19	3.3	236
31	18	---	19	31	---	83	---	5.5	---	15	3.0	---
TOTAL	443.4	660	953	750	3429	1678	934	556.7	548.5	744.5	336.3	1679.6
MEAN	14.3	22.0	30.7	24.2	118	54.1	31.1	18.0	18.3	24.0	10.8	56.0
MAX	29	49	104	55	364	239	90	74	69	171	37	394
MIN	7.8	14	16	17	28	24	15	5.5	3.7	3.2	3.0	2.8
CFSM	0.23	0.35	0.49	0.39	1.90	0.87	0.50	0.29	0.29	0.39	0.17	0.90
IN.	0.27	0.39	0.57	0.45	2.05	1.00	0.56	0.33	0.33	0.45	0.20	1.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2004, BY WATER YEAR (WY)

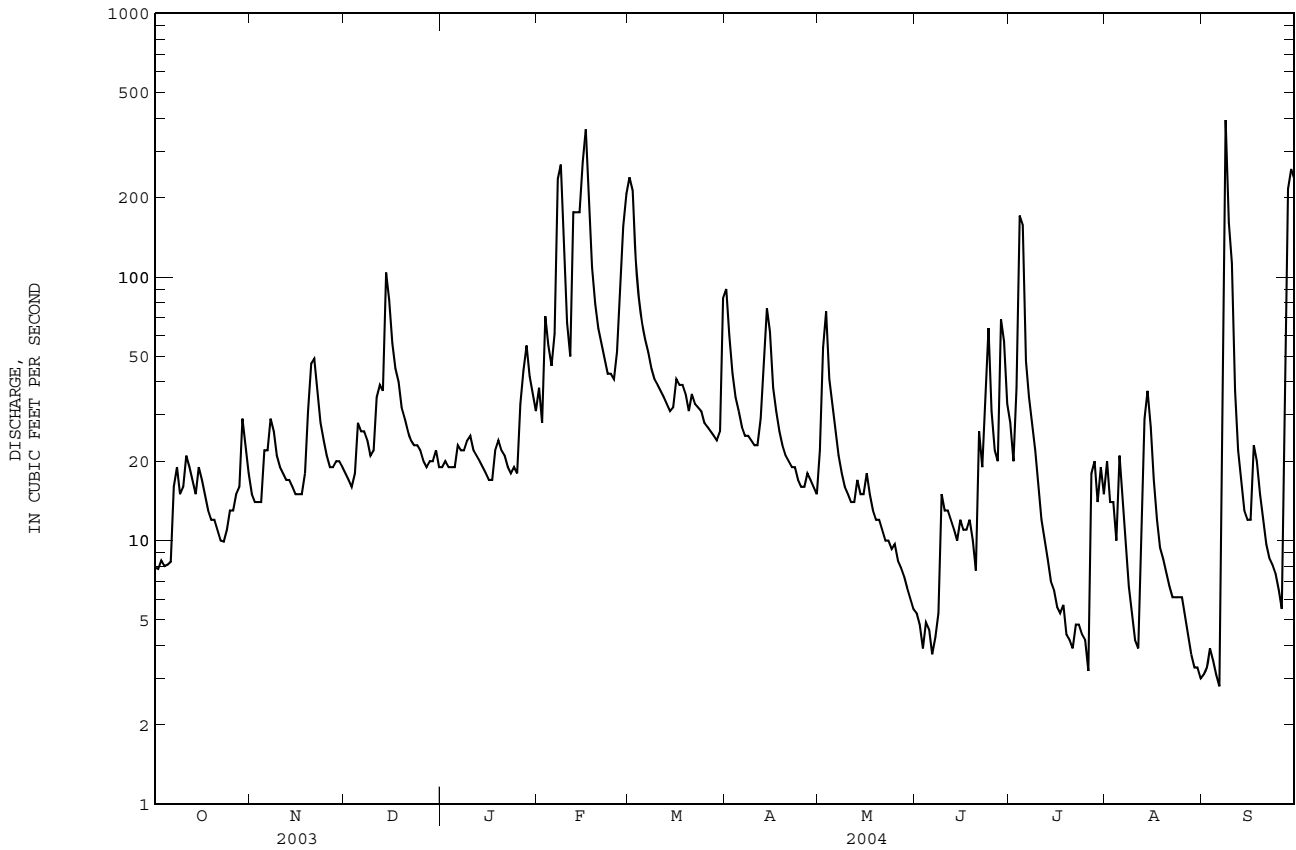
	1999	2000	2001	2002	2003	2004
MEAN	13.5	29.6	40.4	45.7	84.5	133
MAX	26.2	75.7	122	91.2	134	326
(WY)	2003	2003	2003	2000	2003	2003
MIN	4.09	9.53	13.1	23.8	29.1	54.1
(WY)	2002	2002	2002	2001	2001	2004

02167563 BUSH RIVER AT NEWBERRY, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1999 - 2004	
ANNUAL TOTAL	33150.1		12713.0		46.3	
ANNUAL MEAN	90.8		34.7		104 2003	
HIGHEST ANNUAL MEAN					28.0 2002	
LOWEST ANNUAL MEAN					e 1880 Mar 20 2003	
HIGHEST DAILY MEAN	e 1880	Mar 20	394	Sep 8	e 1880	Mar 20 2003
LOWEST DAILY MEAN	7.8	Oct 2	2.8	Sep 6	0.00	a Aug 12 2002
ANNUAL SEVEN-DAY MINIMUM	8.1	Sep 30	3.2	Aug 31	0.01	Aug 8 2002
MAXIMUM PEAK FLOW			574	Sep 8	Unknown	Mar 20 2003
MAXIMUM PEAK STAGE			8.82	Sep 8	16.90	Mar 20 2003
ANNUAL RUNOFF (CFSM)	1.46		0.558		0.745	
ANNUAL RUNOFF (INCHES)	19.83		7.60		10.12	
10 PERCENT EXCEEDS	177		65		88	
50 PERCENT EXCEEDS	31		20		19	
90 PERCENT EXCEEDS	13		5.9		4.2	

a Also occurred Aug. 13, 14, 2002.

e Estimated



SANTEE RIVER BASIN

02167582 BUSH RIVER NEAR PROSPERITY, SC

LOCATION.--Lat 34°10'07'', long 81°36'38'', Newberry County, Hydrologic Unit Code 03050109, at downstream side near center of bridge on County Road 244, 5.2 mi southwest of Prosperity, and 7.2 mi south of the center of Newberry, SC.

DRAINAGE AREA.--115 mi².

PERIOD OF RECORD.--February 1990 to current year.

GAGE.--Data collection platform. Elevation of gage is 360 ft above NGVD of 1929 (from topographic map).

REMARKS.--Records good except for estimated daily discharges, which are poor.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15	23	25	28	60	379	124	34	14	60	24	8.8
2	14	22	25	28	53	336	96	55	14	37	29	8.9
3	15	22	25	29	144	191	63	207	14	61	23	8.8
4	14	24	26	29	109	134	49	75	14	179	18	8.5
5	14	32	43	29	85	111	43	57	14	264	23	7.3
6	14	29	35	35	93	96	40	44	13	75	27	6.5
7	30	46	32	33	373	84	37	36	13	51	16	90
8	27	32	30	32	351	70	37	32	17	39	11	1120
9	23	28	29	35	287	62	40	28	47	33	9.6	282
10	24	25	29	37	111	58	45	26	23	29	9.2	196
11	30	26	48	33	86	53	43	26	19	33	9.0	74
12	26	25	42	31	339	51	57	27	19	e44	35	42
13	24	24	45	32	331	47	84	31	19	e19	47	32
14	23	23	184	31	357	44	110	27	17	16	64	27
15	27	23	121	31	572	44	101	24	19	13	61	23
16	24	22	81	30	699	60	69	26	22	13	35	22
17	22	22	59	30	351	54	54	27	18	11	22	39
18	21	24	52	36	192	53	45	22	17	18	18	39
19	20	53	42	38	135	49	40	22	17	11	15	25
20	19	60	37	35	111	45	38	21	15	10	14	21
21	19	55	33	34	96	55	36	20	73	9.9	13	19
22	19	44	31	33	83	46	35	23	63	9.9	11	18
23	19	33	31	31	75	43	33	21	49	10	11	17
24	18	30	31	32	72	42	31	18	111	8.4	13	16
25	18	28	30	31	69	39	27	17	52	7.6	25	15
26	19	27	29	55	106	38	27	17	38	20	12	13
27	18	26	29	82	224	38	33	16	57	33	11	36
28	21	28	28	109	316	36	28	16	148	53	9.6	337
29	48	27	28	89	374	35	26	15	96	27	8.6	336
30	32	25	30	71	---	39	27	15	63	23	8.2	381
31	26	---	31	60	---	118	---	14	---	24	8.4	---
TOTAL	683	908	1341	1269	6254	2550	1518	1039	1115	1241.8	640.6	3268.8
MEAN	22.0	30.3	43.3	40.9	216	82.3	50.6	33.5	37.2	40.1	20.7	109
MAX	48	60	184	109	699	379	124	207	148	264	64	1120
MIN	14	22	25	28	53	35	26	14	13	7.6	8.2	6.5
CFSM	0.19	0.26	0.38	0.36	1.88	0.72	0.44	0.29	0.32	0.35	0.18	0.95
IN.	0.22	0.29	0.43	0.41	2.02	0.82	0.49	0.34	0.36	0.40	0.21	1.06

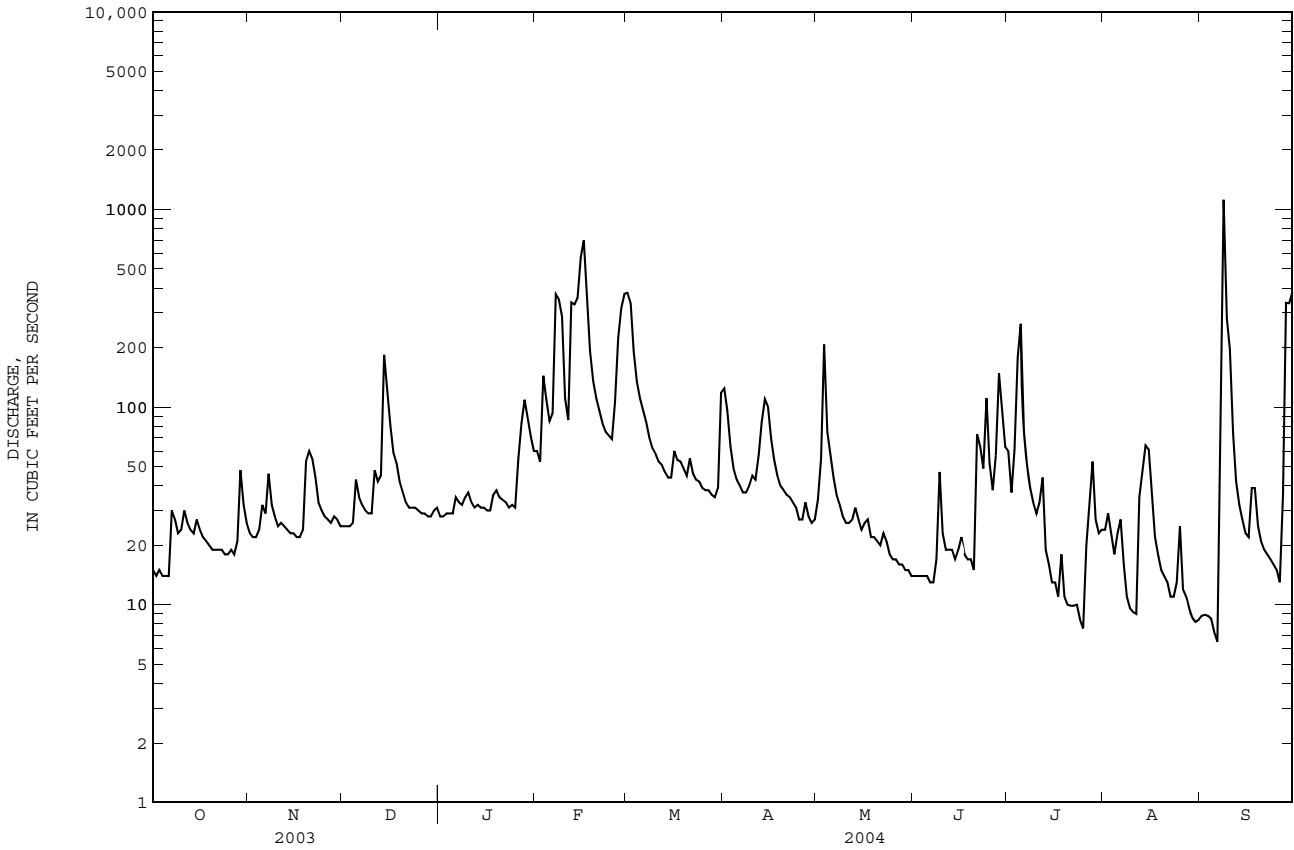
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 2004, BY WATER YEAR (WY)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
MEAN	76.1	82.1	94.3	172	210	226	119	66.1	67.3	40.7	54.6	50.2			
MAX	294	338	300	407	405	562	391	148	284	105	190	114			
(WY)	1991	1993	1995	1995	1998	2003	2003	2003	1994	2003	1994	1998			
MIN	8.38	14.3	18.5	36.5	44.0	75.6	48.5	19.5	8.59	8.21	7.80	11.1			
(WY)	2002	2002	2002	2001	2001	1999	2000	2000	2002	2002	2001	2001			

02167582 BUSH RIVER NEAR PROSPERITY, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1990 - 2004	
ANNUAL TOTAL	55425		21828.2		106	
ANNUAL MEAN	152		59.6		178	
HIGHEST ANNUAL MEAN					43.6	
LOWEST ANNUAL MEAN					1993	
HIGHEST DAILY MEAN	3240	Mar 20	1120	Sep 8	4330	Jan 15 1995
LOWEST DAILY MEAN	13	Sep 22	6.5	Sep 6	3.2	Aug 12 2002
ANNUAL SEVEN-DAY MINIMUM	14	Sep 30	8.2	Aug 31	3.9	Aug 7 2002
MAXIMUM PEAK FLOW			2190		5570	
MAXIMUM PEAK STAGE			11.74		16.06	
INSTANTANEOUS LOW FLOW			5.8		Jan 15 1995	
ANNUAL RUNOFF (CFSM)	1.32		0.519		0.923	
ANNUAL RUNOFF (INCHES)	17.93		7.06		12.54	
10 PERCENT EXCEEDS	330		111		202	
50 PERCENT EXCEEDS	50		31		44	
90 PERCENT EXCEEDS	21		14		15	

e Estimated



SANTEE RIVER BASIN

02167600 SALUDA RIVER NEAR PROSPERITY, SC

WATER-QUALITY RECORDS

LOCATION.--Lat 34°05'57'', long 81°34'07'', Saluda County, Hydrologic Unit Code 03050109, at Hwy 391 Bridge, 3.9 miles north of Hwy 378 Traffic Circle, 17.9 miles east of Saluda, 3.3 miles north of confluence of Little Saluda River, and 14.5 miles south of Prosperity.

PERIOD OF RECORD.--Water years 1993 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: February 1993 to current year.

DISSOLVED OXYGEN: February 1993 to current year.

INSTRUMENTATION.--Water-quality multiprobe and data collection platform.

REMARKS.--Temperature records rated excellent except for Nov. 25 to Dec. 2, Aug. 3-15, which are good, Dec. 3-10, 16, 17, which are fair, and Dec. 11, which is poor. Dissolved oxygen records rated fair except for Oct. 9 to Nov. 6, Mar. 12-18, Apr. 2, 3, 16-19, 30, May 1, 12-15, June 2-6, 11-14, 23, 24, July 10-15, 22-26, Aug. 17-23, which are excellent, Nov. 7-18, Mar. 19-27, Apr. 4-6, 20-22, May 2, 3, 16-18, June 7, 15-17, 25-27, July 16, 27-31, Aug. 24-28, which are good, and Oct. 1-7, Mar. 30 to Apr. 1, 9-15, 27-29, May 6-11, 23-31, June 1, 8-10, 22, 30, July 1-9, 17-19, Sep. 28-30, which are poor.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 35.5 C, Jun. 26-29, 1998; minimum, 2.0°C, Jan. 23, 24, 27, 28, 2001.

DISSOLVED OXYGEN: Maximum, 15.8 mg/L, Feb. 16, 2001; minimum, 0.0 mg/L, Jul. 8, 9, 23, Aug. 29-31, 1993, Jul. 1-3, 12, 13, 1994.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 31.8 C, July 11, 24; minimum, 4.8°C, Feb. 6.

DISSOLVED OXYGEN: Maximum, 12.8 mg/L, May 9; minimum, 1.5 mg/L, Oct. 3.

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	23.1	21.5	22.4	19.3	17.7	18.7	12.4	11.3	12.1	9.1	7.2	8.1
2	23.2	21.6	22.2	19.0	17.5	18.6	13.1	11.8	12.5	8.0	7.2	7.6
3	21.9	20.9	21.5	19.8	18.3	19.0	12.8	11.6	12.2	9.0	7.8	8.2
4	21.5	20.4	20.9	20.1	18.4	18.8	12.0	11.3	11.7	9.3	8.6	9.0
5	22.1	20.3	21.1	21.2	18.9	19.9	11.5	10.6	11.2	10.9	9.3	9.7
6	22.1	21.0	21.6	22.4	19.7	20.7	11.7	10.5	11.0	11.0	9.9	10.5
7	22.3	21.3	21.7	21.3	20.9	21.1	11.8	10.3	11.2	10.1	8.8	9.4
8	22.5	21.2	22.0	21.1	20.0	20.7	11.2	9.6	10.4	9.1	7.8	8.4
9	21.5	21.1	21.3	20.0	18.3	19.2	10.8	9.7	10.3	8.6	8.2	8.3
10	21.4	21.1	21.2	18.5	16.8	17.6	10.8	9.6	10.1	8.4	8.1	8.2
11	21.1	20.4	20.7	17.9	15.7	16.8	11.1	9.9	10.5	8.4	7.4	8.0
12	20.7	19.5	20.2	18.0	15.9	16.7	10.8	9.6	10.3	7.9	6.3	7.1
13	22.0	20.2	21.1	18.2	16.8	17.4	10.4	10.0	10.2	7.8	6.9	7.4
14	22.2	21.2	21.8	17.9	16.2	17.0	10.2	9.7	9.9	8.4	7.3	7.8
15	22.1	20.8	21.4	16.9	14.8	15.6	10.2	9.6	9.9	8.6	7.3	7.8
16	21.2	20.0	20.6	15.5	14.0	15.0	10.2	8.6	9.4	9.1	8.2	8.7
17	20.8	19.4	20.2	16.1	14.9	15.5	9.6	8.5	9.0	8.6	7.3	7.9
18	20.2	19.3	19.8	17.2	16.1	16.6	9.7	8.8	9.2	8.4	7.0	7.4
19	20.5	18.8	19.5	18.5	17.2	17.8	9.3	8.0	8.7	9.3	8.4	8.9
20	20.8	19.2	19.7	18.3	16.9	17.6	8.8	7.9	8.5	9.0	7.8	8.5
21	20.4	19.6	19.9	17.3	16.0	16.7	8.4	6.9	7.8	8.3	6.7	7.6
22	20.6	19.6	20.0	17.0	16.2	16.7	7.9	6.5	7.4	7.7	6.3	7.2
23	21.2	19.7	20.4	17.1	15.6	16.5	8.1	6.3	7.3	7.9	6.9	7.3
24	20.2	18.9	19.5	16.7	15.4	16.0	9.4	7.1	8.2	7.6	6.4	7.0
25	19.6	18.3	19.0	16.8	15.1	16.0	9.9	8.7	9.4	8.5	7.1	7.9
26	18.9	18.2	18.6	15.5	14.0	14.9	8.9	7.4	8.3	7.7	6.1	6.9
27	19.5	18.5	19.0	14.7	14.0	14.4	8.4	7.1	7.8	6.9	6.1	6.5
28	19.8	19.4	19.5	15.4	14.1	14.7	8.2	6.9	7.7	6.9	5.5	6.4
29	19.6	18.2	19.0	15.3	13.4	14.3	8.1	6.6	7.5	6.6	5.0	6.0
30	19.4	18.0	18.8	13.6	11.5	12.6	9.2	7.1	8.1	6.0	5.1	5.6
31	19.2	17.8	18.7	---	---	---	9.5	8.6	9.1	6.8	6.0	6.5
MONTH	23.2	17.8	20.4	22.4	11.5	17.1	13.1	6.3	9.6	11.0	5.0	7.8

SANTEE RIVER BASIN

02167600 SALUDA RIVER NEAR PROSPERITY, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	6.6	5.3	5.7	8.2	7.1	7.7	---	---	---	10.1	9.2	9.7
2	6.7	5.4	5.9	8.2	7.3	7.7	---	---	---	10.1	9.6	9.8
3	6.5	1.5	5.1	8.5	7.3	7.9	---	---	---	10.0	9.6	9.8
4	6.7	5.5	6.0	8.6	7.4	7.7	---	---	---	10.0	9.4	9.7
5	7.1	5.7	6.2	9.4	7.2	8.0	---	---	---	9.8	9.3	9.5
6	6.7	5.8	6.2	8.9	7.0	7.7	---	---	---	9.6	9.0	9.3
7	6.0	5.4	5.8	7.6	7.1	7.4	---	---	---	9.8	9.2	9.5
8	---	---	---	7.4	7.2	7.3	---	---	---	10.0	9.4	9.6
9	---	---	---	8.1	7.3	7.6	---	---	---	10.0	9.5	9.7
10	6.4	6.1	6.2	8.4	7.3	7.8	---	---	---	9.9	9.5	9.6
11	6.7	6.3	6.5	8.5	7.3	8.0	---	---	---	10.1	9.5	9.8
12	6.7	6.1	6.5	8.5	7.4	7.8	9.3	8.5	8.9	10.7	9.7	10.0
13	7.9	5.9	6.8	8.2	7.0	7.7	9.3	8.6	8.9	10.3	9.6	9.9
14	7.4	6.3	6.8	8.3	7.3	7.8	9.3	8.8	9.0	10.0	9.5	9.8
15	7.4	5.7	6.9	8.9	7.6	8.0	9.2	8.8	9.0	10.3	9.5	9.9
16	7.9	6.1	7.1	7.8	7.0	7.4	9.2	8.6	8.9	9.8	9.4	9.6
17	8.0	6.5	7.5	7.3	6.9	7.1	9.8	8.9	9.3	9.9	9.4	9.6
18	8.2	7.1	7.5	---	---	---	9.6	8.9	9.2	10.3	9.6	9.9
19	8.4	6.6	7.4	---	---	---	10.1	9.2	9.6	9.7	9.4	9.5
20	8.6	6.3	7.6	---	---	---	10.2	9.1	9.5	10.0	8.8	9.4
21	8.2	7.1	7.8	---	---	---	9.9	9.2	9.5	9.3	8.7	9.0
22	8.2	7.4	7.7	---	---	---	10.2	9.4	9.8	10.0	8.9	9.3
23	8.4	7.2	7.6	---	---	---	10.0	9.3	9.7	9.9	9.0	9.4
24	7.9	7.3	7.6	---	---	---	10.1	9.4	9.8	10.0	9.1	9.5
25	8.0	7.3	7.7	---	---	---	9.7	9.1	9.4	9.8	8.9	9.4
26	7.7	6.8	7.3	---	---	---	9.9	9.2	9.6	9.4	9.0	9.1
27	7.8	6.8	7.4	---	---	---	10.0	9.4	9.8	9.6	9.0	9.3
28	7.3	6.8	7.0	---	---	---	10.2	9.5	9.7	9.7	9.0	9.3
29	8.1	7.2	7.5	---	---	---	10.1	9.5	9.7	9.9	9.2	9.5
30	7.8	7.2	7.5	---	---	---	10.4	9.4	9.9	10.4	9.2	9.8
31	8.0	7.3	7.6	---	---	---	10.0	9.3	9.7	9.8	8.9	9.3
MONTH	---	---	---	---	---	---	---	---	---	10.7	8.7	9.6

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	9.8	8.9	9.2	11.0	10.2	10.6	9.2	8.1	8.8	9.6	7.3	8.5
2	9.9	9.0	9.4	10.9	10.0	10.5	9.4	9.0	9.2	9.1	6.3	7.4
3	9.5	8.8	---	10.8	9.8	10.2	10.2	9.1	9.5	7.2	5.6	6.7
4	---	---	---	10.2	9.3	9.7	10.2	9.7	9.9	6.8	5.3	6.2
5	---	---	---	10.1	9.0	9.4	10.0	9.4	9.8	7.2	6.1	6.5
6	---	---	---	10.3	8.9	9.5	10.3	9.6	10.0	7.4	6.5	7.0
7	---	---	---	10.6	9.0	9.5	11.0	9.6	10.3	7.2	6.0	6.5
8	---	---	---	10.1	8.8	9.3	11.1	9.4	10.4	12.1	6.5	8.6
9	---	---	---	9.7	9.0	9.3	10.3	8.9	9.7	12.8	9.8	11.5
10	11.4	10.8	11.2	10.4	9.1	9.6	10.1	8.9	9.4	11.1	8.8	9.9
11	11.3	10.0	10.6	11.0	9.2	10.0	9.9	8.9	9.5	11.2	8.0	9.7
12	11.3	10.4	10.7	10.8	10.3	10.5	9.4	8.2	8.7	9.4	7.6	8.5
13	11.1	10.6	10.9	10.7	10.2	10.5	8.2	7.3	7.7	9.9	7.4	8.5
14	10.7	9.9	10.3	10.8	10.2	10.5	8.9	7.6	8.2	10.2	7.5	8.9
15	10.7	10.0	10.3	10.9	9.9	10.4	9.2	6.6	8.1	10.0	8.2	9.0
16	11.0	10.2	10.6	10.6	9.6	10.1	7.5	6.2	6.8	10.4	7.8	9.1
17	11.0	10.5	10.8	9.8	9.3	9.6	10.1	6.2	8.3	10.2	8.4	9.3
18	10.9	10.0	10.6	9.8	9.1	9.4	9.5	8.5	9.1	10.1	7.9	8.8
19	10.7	9.9	10.5	9.7	9.2	9.5	10.3	8.8	9.5	9.1	7.7	8.4
20	11.1	10.1	10.5	9.9	9.4	9.6	9.4	8.4	8.9	10.6	7.4	8.5
21	10.8	9.8	10.4	9.5	8.9	9.2	9.4	7.7	8.4	10.0	7.6	8.9
22	10.5	9.4	10.0	9.0	8.5	8.7	8.8	7.5	8.0	11.1	7.4	8.9
23	10.6	10.0	10.2	9.2	8.4	8.8	9.3	7.3	8.1	9.8	7.4	8.6
24	10.7	10.2	10.4	9.6	8.8	9.1	11.2	7.6	9.0	8.4	6.6	7.5
25	10.8	10.1	10.5	10.2	9.1	9.5	12.6	9.2	10.7	8.7	5.6	7.3
26	10.8	10.2	10.5	11.0	9.1	9.9	10.4	8.2	9.1	8.9	5.9	7.1
27	11.1	10.0	10.6	10.0	9.0	9.4	8.2	6.3	7.1	7.9	4.9	6.4
28	11.6	10.5	11.0	10.3	9.1	9.6	9.6	6.0	7.3	7.9	3.2	5.7
29	11.1	10.6	10.8	10.3	8.8	9.4	11.5	8.3	9.8	8.8	5.0	6.9
30	---	---	---	9.5	8.3	8.7	11.0	8.8	9.8	8.6	5.8	8.0
31	---	---	---	8.8	8.2	8.4	---	---	---	9.3	6.5	7.7
MONTH	---	---	---	11.0	8.2	9.6	12.6	6.0	9.0	12.8	3.2	8.1

02167716 LITTLE SALUDA RIVER NEAR PROSPERITY, SC

WATER-QUALITY RECORDS

LOCATION.--Lat 34°04'46'', long 81°33'43'', Saluda County, Hydrologic Unit Code 03050109, at center of Hwy 391 Bridge, 2.3 mi north of Hwy 378 Traffic Circle, 16.3 mi east of Saluda, and 15.9 mi south of Prosperity.
 PERIOD OF RECORD.--Water years 1993 to current year.

PERIOD OF DAILY RECORD.--

- WATER TEMPERATURE (Top): February 1993 to current year.
- WATER TEMPERATURE (Middle, Bottom): February 1993 to September 2002 (discontinued).
- DISSOLVED OXYGEN (Top): February 1993 to current year.
- DISSOLVED OXYGEN (Middle, Bottom): February 1993 to September 2002 (discontinued).

INSTRUMENTATION.--Water-quality multiprobe and data collection platform.

REMARKS.--Temperature records rated excellent except for Oct. 1 to Jan. 10, July 31 to Aug. 9, which are good, Jan. 11-26, Aug. 10-17, which are fair, and Jan. 27 to Feb 9, which are poor. Dissolved oxygen records rated poor except for Apr. 13-15, 27-29, May 5, 6, Aug. 25-28, Sep. 8, 9, which are fair, Oct. 9-20, Apr. 8-12, 22-26, May 3, 4, July 22, Aug. 22-24, Sep. 6, 7, which are good, and Mar. 11 to Apr. 7, 16, 21, Apr. 30 to May 2, July 9-21, Aug. 17-21, Sep. 3-5, 16-30, which are excellent.

EXTREMES FOR PERIOD OF DAILY RECORD.--

- WATER TEMPERATURE (Top): Maximum, 35.1°C, Aug. 25, 2003 ; minimum, 2.5°C, Jan. 27, 2000.
- WATER TEMPERATURE (Middle): Maximum, 32.5°C, Aug. 8, 1999; minimum, 3.0°C, Jan. 27, 2000.
- WATER TEMPERATURE (Bottom): Maximum, 30.5°C, Aug. 27-30, 1993, Jul. 24, 1997, on several days during Aug. 1999; minimum, 3.5°C, on several days during Jan., Feb. 1, 2, 2000.
- DISSOLVED OXYGEN (Top): Maximum, 17.2 mg/L, May 12, 1998; minimum, 0.0 mg/L, Oct. 2, 4, 5, 1994, on many days during 1993-99.
- DISSOLVED OXYGEN (Middle): Maximum, 16.6 mg/L, Nov. 8, 2001; minimum, 0.0 mg/L, on many days several years.
- DISSOLVED OXYGEN (Bottom): Maximum, 17.8 mg/L, Feb. 6, 2001; minimum, 0.0 mg/L, on many days several years.

EXTREMES FOR CURRENT WATER YEAR.--

- WATER TEMPERATURE (Top): Maximum, 33.5°C, July 13; minimum, 4.3°C, Jan. 28.
- DISSOLVED OXYGEN (Top): Maximum, 14.7 mg/L, Mar. 28; minimum, 2.0 mg/L, Aug. 7, 8.

Temperature, water, degrees Celsius
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	24.3	22.9	23.6	20.3	18.5	19.4	11.9	10.7	11.2	8.3	7.3	7.6
2	24.0	22.1	22.9	21.6	18.6	19.6	12.2	10.4	11.1	8.7	7.4	8.0
3	23.6	21.2	22.1	22.3	19.8	20.9	10.5	9.6	9.9	9.3	7.9	8.4
4	22.5	21.0	21.6	22.1	20.7	21.3	9.6	8.6	9.0	10.0	8.5	9.1
5	23.6	21.0	22.0	23.0	20.9	21.8	8.7	8.2	8.4	11.0	9.2	10.1
6	23.5	21.8	22.4	23.8	22.1	22.6	8.9	7.7	8.3	11.0	10.3	10.7
7	22.8	21.4	22.1	22.3	21.3	21.8	8.7	7.7	8.1	10.3	9.5	9.9
8	22.1	21.4	21.6	21.3	18.7	20.0	9.0	7.7	8.1	9.7	8.8	9.4
9	21.8	21.2	21.4	18.7	17.0	17.9	9.6	7.5	7.9	9.0	8.3	8.7
10	21.2	20.8	20.9	17.7	16.5	17.0	8.8	7.9	8.3	8.3	7.8	8.0
11	20.8	20.4	20.6	19.3	16.3	17.6	8.3	7.3	7.9	8.6	7.5	7.9
12	22.0	20.3	21.0	18.7	16.6	17.5	8.4	7.6	8.0	7.8	6.8	7.3
13	24.4	21.3	22.4	17.5	16.2	16.9	8.1	7.2	7.6	8.2	7.2	7.6
14	23.7	21.6	22.9	16.6	15.4	16.0	7.4	6.5	6.8	8.6	7.3	7.8
15	22.2	20.8	21.4	16.4	14.9	15.4	7.8	6.0	6.7	8.8	7.7	8.1
16	22.7	20.6	21.4	16.5	14.7	15.4	7.3	6.3	6.6	9.0	7.8	8.2
17	22.5	20.5	21.2	17.0	15.2	15.9	7.1	6.2	6.6	8.2	7.6	7.9
18	21.5	20.0	20.7	17.3	15.6	16.2	6.5	5.8	6.1	8.9	7.8	8.4
19	23.5	19.5	21.3	17.3	16.4	16.8	6.1	5.5	5.9	9.2	8.5	8.7
20	22.2	20.1	21.1	18.0	16.2	16.8	6.0	5.3	5.7	9.1	8.0	8.5
21	21.5	20.2	20.9	18.6	15.9	16.8	7.0	5.2	5.9	8.7	7.7	8.1
22	21.5	19.9	20.6	18.2	15.7	16.7	6.5	5.1	5.6	8.6	7.6	7.9
23	21.1	19.6	20.3	18.1	15.5	16.4	6.6	5.4	5.9	8.4	7.3	7.8
24	20.5	18.9	19.6	16.5	15.4	15.9	7.0	5.9	6.5	8.2	7.1	7.6
25	20.5	18.7	19.4	15.5	14.7	15.1	8.1	6.2	6.8	8.0	6.8	7.6
26	19.7	18.6	19.0	16.1	14.1	14.8	7.1	6.2	6.6	6.9	5.9	6.4
27	19.2	18.7	18.9	14.8	14.0	14.3	7.0	6.0	6.4	5.9	5.1	5.6
28	18.7	18.3	18.6	14.7	13.0	14.2	7.5	6.1	6.7	5.5	4.3	4.8
29	19.1	18.0	18.4	13.3	11.8	12.4	7.4	6.5	6.8	5.4	4.4	4.8
30	20.1	17.8	18.7	11.8	11.1	11.5	8.0	6.6	7.4	5.2	4.5	4.9
31	20.8	17.9	19.3	---	---	---	8.6	7.2	7.7	5.7	4.8	5.1
MONTH	24.4	17.8	20.9	23.8	11.1	17.2	12.2	5.1	7.4	11.0	4.3	7.8

SANTEE RIVER BASIN

02167716 LITTLE SALUDA RIVER NEAR PROSPERITY, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	---	---	---	11.2	7.7	9.4	10.1	8.4	9.0	10.1	9.5	9.8
2	---	---	---	12.2	8.9	10.4	10.2	8.3	8.9	10.0	9.4	9.7
3	---	---	---	11.8	9.2	10.1	9.0	7.9	8.5	9.9	9.2	9.5
4	---	---	---	10.8	7.9	9.5	8.9	8.6	8.7	10.0	8.9	9.4
5	---	---	---	---	---	---	9.1	8.4	8.7	9.6	8.8	9.2
6	---	---	---	---	---	---	9.2	8.5	8.8	9.5	8.6	9.0
7	---	---	---	---	---	---	9.0	7.7	8.6	9.7	8.7	9.0
8	---	---	---	---	---	---	---	---	---	9.4	8.4	8.9
9	---	---	---	---	---	---	---	---	---	9.0	8.0	8.8
10	7.2	6.2	6.6	---	---	---	---	---	---	9.0	8.6	8.8
11	6.6	5.7	6.2	---	---	---	---	---	---	9.4	8.6	9.0
12	9.0	5.3	7.1	---	---	---	11.4	10.1	10.5	9.9	9.0	9.4
13	11.8	7.6	9.6	---	---	---	11.4	8.8	10.4	10.2	9.3	9.7
14	11.3	7.3	9.8	10.4	7.7	8.7	10.3	9.2	10.1	10.3	9.4	9.8
15	11.4	7.3	9.0	10.3	7.3	8.6	11.2	9.9	10.4	10.3	9.5	9.9
16	12.1	7.2	9.2	10.6	6.7	8.7	11.7	10.2	10.8	10.9	9.5	9.9
17	13.4	8.3	10.0	10.4	8.4	9.5	11.2	10.2	10.5	10.3	9.4	9.9
18	10.5	7.2	9.0	10.6	8.4	9.4	11.2	10.0	10.5	11.0	9.6	10.0
19	12.9	7.9	10.5	9.2	7.7	8.5	13.0	10.1	10.8	10.5	9.6	10.0
20	12.1	9.2	10.7	10.5	7.7	8.8	11.3	10.5	10.8	10.9	9.9	10.3
21	10.9	7.9	9.9	10.5	7.3	9.1	11.7	9.4	11.0	11.3	9.7	10.4
22	10.2	7.5	8.9	11.0	7.6	9.5	11.5	10.7	11.1	11.0	9.9	10.5
23	11.0	7.3	9.0	10.9	7.0	9.3	11.3	10.7	10.9	11.4	10.4	10.8
24	10.8	5.6	8.4	9.9	7.4	8.6	11.1	10.5	10.8	11.3	10.4	10.9
25	10.9	7.5	9.0	9.1	7.5	8.2	11.6	10.5	11.0	11.1	9.9	10.6
26	10.9	8.2	9.4	10.3	7.7	8.8	11.4	10.3	10.8	10.5	10.2	10.3
27	9.8	7.5	8.7	9.5	7.4	8.6	11.0	10.2	10.7	10.8	10.2	10.5
28	8.0	6.3	7.2	9.3	7.8	8.2	10.9	10.4	10.7	11.6	10.5	10.9
29	9.0	5.8	7.3	9.1	7.8	8.2	10.7	10.2	10.4	11.9	10.9	11.3
30	9.6	6.1	7.7	9.1	8.1	8.5	10.4	9.8	10.1	12.0	11.2	11.6
31	10.4	7.0	8.7	---	---	---	10.3	9.0	9.9	12.0	11.4	11.7
MONTH	---	---	---	---	---	---	---	---	---	12.0	8.0	10.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	12.3	11.5	11.9	10.1	9.6	9.9	11.0	9.7	10.3	11.3	9.0	10.0
2	12.1	11.6	11.8	10.0	6.6	9.1	10.2	9.3	9.7	10.3	8.3	9.6
3	11.9	11.5	11.7	9.8	7.9	9.0	11.4	9.0	10.2	9.1	7.4	8.2
4	11.8	10.8	11.4	11.6	9.5	10.5	11.4	9.3	10.4	10.0	6.9	8.4
5	12.1	9.6	10.7	10.8	10.3	10.6	11.7	9.3	10.5	10.0	7.8	9.1
6	---	---	---	10.3	9.1	9.5	12.0	10.0	11.0	10.0	7.9	9.0
7	---	---	---	9.5	8.3	9.0	11.7	10.3	11.0	10.5	8.5	9.4
8	---	---	---	---	---	---	11.0	9.9	10.5	10.9	8.6	9.8
9	---	---	---	---	---	---	11.8	9.6	10.7	11.5	9.5	10.3
10	13.3	10.4	11.7	---	---	---	12.0	10.6	11.2	10.2	8.6	9.7
11	---	---	---	---	---	---	12.1	10.4	11.2	10.8	8.9	9.9
12	---	---	---	10.8	9.4	9.9	11.3	9.2	10.3	9.8	8.1	9.0
13	---	---	---	11.0	6.1	9.8	10.0	8.4	9.3	9.9	7.4	8.6
14	---	---	---	11.7	6.0	10.3	9.9	8.4	9.1	9.5	7.7	8.6
15	---	---	---	12.6	6.9	11.4	11.7	8.8	10.1	8.4	7.0	7.9
16	---	---	---	11.0	6.3	8.5	12.2	10.3	11.3	8.0	6.4	7.3
17	---	---	---	11.1	9.7	10.3	12.0	10.9	11.4	8.0	6.0	7.1
18	---	---	---	10.6	9.7	10.1	11.5	10.3	11.0	7.4	6.2	6.7
19	---	---	---	11.4	9.6	10.4	11.0	10.2	10.6	7.6	6.0	6.7
20	9.5	7.8	9.2	11.0	6.3	9.9	12.0	9.5	10.8	7.4	5.2	6.3
21	9.8	9.1	9.2	11.1	9.8	10.4	11.1	9.9	10.5	6.9	5.3	6.3
22	9.4	8.8	9.0	11.5	9.9	10.6	11.0	9.2	10.1	6.6	5.2	5.8
23	9.3	8.5	8.9	12.5	10.0	11.2	10.7	9.0	9.9	---	---	---
24	9.2	8.3	8.7	13.0	9.7	11.5	10.6	8.5	9.7	---	---	---
25	8.8	8.4	8.6	13.1	10.8	11.9	10.8	9.2	10.0	---	---	---
26	9.7	8.2	8.7	14.2	11.8	12.7	9.5	8.0	9.0	---	---	---
27	10.1	8.6	9.6	14.2	12.0	13.1	8.8	7.2	7.9	---	---	---
28	10.5	7.7	9.9	14.7	12.3	13.3	9.3	6.4	7.7	---	---	---
29	10.5	8.0	9.9	14.4	11.2	12.5	11.7	7.7	9.5	---	---	---
30	---	---	---	13.1	9.5	11.5	11.5	9.2	10.2	---	---	---
31	---	---	---	11.5	9.2	10.6	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	12.2	6.4	10.2	---	---	---

SANTEE RIVER BASIN

02167716 LITTLE SALUDA RIVER NEAR PROSPERITY, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	7.0	2.7	4.6	6.1	4.0	5.1	9.7	3.7	5.7
2	9.4	6.6	8.1	7.0	3.9	5.3	5.9	3.2	4.4	7.3	4.2	5.6
3	9.3	7.4	8.3	7.0	2.5	5.0	5.7	2.8	4.0	7.7	4.0	5.7
4	8.6	6.8	7.7	7.7	3.8	5.5	6.2	3.4	4.6	8.0	5.0	6.4
5	8.3	6.1	7.2	7.2	3.4	5.2	5.9	4.2	5.1	7.7	5.0	6.2
6	8.4	6.4	7.3	7.2	3.7	5.0	4.5	2.6	3.5	6.8	5.2	5.8
7	7.9	6.3	7.2	---	---	---	5.7	2.0	3.3	5.8	5.0	5.3
8	---	---	---	---	---	---	5.4	2.0	3.6	5.8	4.0	4.9
9	---	---	---	---	---	---	4.8	2.7	3.6	4.1	2.6	3.4
10	---	---	---	9.6	7.3	8.5	5.4	3.1	4.2	6.0	2.5	4.2
11	11.3	8.3	9.8	9.6	7.0	7.8	5.6	2.7	4.2	6.3	3.0	4.7
12	11.3	6.0	9.4	9.2	6.5	7.7	---	---	---	5.9	3.8	4.8
13	8.8	6.2	7.4	9.0	6.6	7.9	---	---	---	6.4	4.1	5.2
14	8.1	5.9	6.7	8.5	4.6	7.2	---	---	---	6.2	4.2	5.2
15	8.7	5.8	7.2	8.0	4.6	6.2	---	---	---	6.8	4.5	5.4
16	8.6	6.1	7.2	8.6	4.1	6.3	---	---	---	6.3	4.2	5.2
17	7.1	4.9	6.3	8.6	5.2	6.8	---	---	---	5.1	4.2	4.7
18	---	---	---	8.4	4.8	6.1	9.8	7.1	8.3	7.3	4.4	5.4
19	---	---	---	9.0	4.5	5.9	9.8	7.9	8.8	6.2	3.9	5.1
20	---	---	---	8.0	5.6	6.7	9.8	7.5	8.9	6.3	4.2	5.3
21	---	---	---	8.4	6.5	7.4	9.0	6.4	7.8	7.8	4.7	6.1
22	---	---	---	9.2	6.6	7.9	7.9	5.8	6.8	7.3	4.7	5.5
23	9.4	5.0	6.8	9.0	7.0	7.8	8.6	5.2	6.7	9.2	4.4	5.8
24	8.8	5.3	6.7	8.5	6.0	7.1	8.8	6.0	7.3	8.3	6.2	7.5
25	9.0	4.7	7.1	8.0	5.2	6.7	8.5	6.0	7.1	7.6	6.1	6.8
26	8.6	4.4	6.1	7.0	5.2	6.1	8.5	6.0	6.9	6.8	5.6	6.1
27	8.4	4.6	6.6	6.3	3.4	5.0	8.2	5.7	6.4	5.9	4.6	5.2
28	5.0	2.3	3.4	6.7	3.1	4.4	8.6	5.6	7.2	5.2	3.9	4.3
29	5.1	2.0	3.3	5.4	3.1	4.4	7.6	5.9	6.8	4.8	2.5	3.4
30	5.7	2.7	4.3	6.9	2.8	4.4	8.1	4.5	6.4	7.3	2.5	4.6
31	---	---	---	7.0	4.1	5.1	8.3	4.8	6.0	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	9.7	2.5	5.3

SANTEE RIVER BASIN

293

02168500 LAKE MURRAY NEAR COLUMBIA, SC

LOCATION.--Lat 34°03'07'', long 81°13'15'', Lexington County, Hydrologic Unit 03050109, in intake tower 500 ft upstream from dam on Saluda River and 10.4 mi upstream from confluence of Saluda and Broad Rivers at Columbia.

DRAINAGE AREA.--2,420 mi², approximately.

PERIOD OF RECORD.--August 1929 to current year.

GAGE.--Data collection platform. Datum of gage is 0.64 ft below NGVD of 1929. Prior to October 1966, mean gage height was published. Prior to Oct. 31, 1930, nonrecording gage at same site and datum.

REMARKS.--Lake is formed by earth dam; storage began Aug. 31, 1929; dam completed in 1930. Usable capacity, 68,210,000,000 ft³ between gage heights 300.0 ft (limit of drawdown) and 360.0 ft (maximum normal lake level). Dead storage, 15,590,000,000 ft³. Figures given herein represent usable contents. Gage height of one spillway crest (completed in 1946), 330 ft with top of gates at 362 ft; gage height of other spillway crest, 340 ft with top of gates at 365 ft. Water is used for generation of power. Prior to October 1, 1997, capacity computations were determined using the capacity curve prepared by Lexington Power Company.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 361.51 ft, Apr. 10, 1936; minimum gage height since generation of power was started, 320.96 ft, Dec. 23, 1941.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 352.87 ft, Sep. 30; minimum gage height, 345.30 ft, Nov. 16-19.

Gage height, feet
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY OBSERVATION AT 2400 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	345.65	345.53	345.99	345.78	345.98	346.81	346.99	347.03	347.02	348.50	349.29	349.95
2	345.59	345.52	345.98	345.77	346.00	346.90	347.02	347.14	347.02	348.63	349.39	349.94
3	345.51	345.52	346.00	345.80	346.03	346.98	347.03	347.19	347.00	348.69	349.44	349.93
4	345.45	345.51	346.06	345.83	345.99	347.02	347.04	347.26	346.98	348.75	349.47	349.93
5	345.47	345.50	346.05	345.90	345.97	347.03	347.06	347.27	346.97	348.82	349.48	349.94
6	345.51	345.49	346.05	345.95	345.96	347.08	347.06	347.26	346.95	348.86	349.47	349.95
7	345.66	345.47	346.06	345.95	346.04	347.13	347.06	347.24	346.93	348.89	349.44	350.36
8	345.71	345.46	346.06	345.95	346.08	347.11	347.08	347.11	346.97	348.93	349.41	351.04
9	345.72	345.43	346.08	345.99	346.07	347.09	347.08	347.09	346.99	348.95	349.39	351.24
10	345.80	345.40	346.21	346.02	345.99	347.08	347.09	347.08	347.02	348.95	349.39	351.58
11	345.85	345.39	346.17	346.01	345.89	347.06	347.08	347.05	347.01	348.97	349.37	351.99
12	345.85	345.38	346.19	345.97	346.02	347.05	347.11	347.13	347.18	348.98	349.67	352.12
13	345.84	345.36	346.31	345.90	345.98	347.02	347.21	347.14	347.19	348.98	349.72	352.09
14	345.88	345.32	346.43	345.88	346.04	347.01	347.21	347.12	347.23	348.97	349.86	352.07
15	345.80	345.31	346.54	345.88	346.06	347.02	347.21	347.14	347.23	348.97	349.90	351.97
16	345.86	345.32	346.55	345.88	346.08	347.05	347.24	347.12	347.25	348.97	349.92	351.97
17	345.87	345.31	346.60	345.90	346.27	347.07	347.24	347.12	347.21	348.99	349.96	352.14
18	345.84	345.30	346.62	345.93	346.25	347.09	347.25	347.11	347.22	348.99	349.96	352.08
19	345.83	345.42	346.53	345.96	346.28	347.08	347.25	347.11	347.28	348.98	349.95	352.03
20	345.82	345.44	346.47	346.00	346.31	347.09	347.23	347.13	347.24	349.00	349.94	352.03
21	345.71	345.57	346.41	346.03	346.38	347.13	347.15	347.15	347.42	349.02	349.93	352.02
22	345.62	345.71	346.36	346.01	346.37	347.06	347.12	347.21	347.49	349.04	349.93	352.03
23	345.56	345.76	346.30	346.04	346.42	346.99	347.07	347.21	347.50	349.03	349.93	352.01
24	345.48	345.82	346.25	346.04	346.47	346.96	347.06	347.11	347.56	349.01	349.96	352.05
25	345.43	345.83	346.21	346.06	346.50	346.98	347.04	347.05	347.61	348.99	349.96	352.07
26	345.43	345.88	346.16	346.08	346.52	346.98	347.09	347.04	347.62	349.04	349.94	352.10
27	345.40	345.91	346.11	346.20	346.57	346.99	347.09	347.03	347.93	349.13	349.93	352.26
28	345.52	346.02	346.06	346.17	346.59	346.99	347.06	347.02	348.08	349.14	349.93	352.46
29	345.50	345.97	345.99	346.14	346.69	346.98	347.05	347.02	348.17	349.16	349.93	352.37
30	345.51	345.96	345.94	346.09	---	346.90	347.05	347.03	348.36	349.18	349.89	352.87
31	345.53	---	345.86	346.03	---	346.98	---	347.05	---	349.21	349.95	---
MAX	345.88	346.02	346.62	346.20	346.69	347.13	347.25	347.27	348.36	349.21	349.96	352.87
MIN	345.40	345.30	345.86	345.77	345.89	346.81	346.99	347.02	346.93	348.50	349.29	349.93
	39.8	40.5	40.3	40.6	41.7	42.2	42.3	42.3	44.4	45.8	47.1	52.5
	-52.3	+274	-59.7	+105	+435	+179	+42.4	0.00	+833	+526	+455	+2090
CAL YR 2003	*	-39.3	MAX 347.95	MIN 345.09								
WTR YR 2004	*	+397	MAX 352.87	MIN 345.30								

(+) CONTENTS, IN BILLIONS OF CUBIC FEET, AT END OF MONTH.
(*) CHANGE IN CONTENT, EQUIVALENT IN CUBIC FEET PER SECOND.

02168500 LAKE MURRAY NEAR COLUMBIA, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1993 to current year.

PERIOD OF DAILY RECORD.--October 1992 to current year.

WATER TEMPERATURE (Top): October 1992 to current year.

WATER TEMPERATURE (Bottom): October 1992 to current year.

DISSOLVED OXYGEN (Top): October 1992 to current year.

DISSOLVED OXYGEN (Bottom): October 1992 to current year.

INSTRUMENTATION.--Water-quality multiprobe and data collection platform.

REMARKS.--Temperature (top) records rated excellent. Temperature (bottom) records rated excellent. Dissolved oxygen (top) records rated excellent except for May 2-11, 19-23, June 12-20, July 10-12, Sep. 3-16, which are good, May 24-29, June 21, 22, July 13, 14, Sep. 17-22, which are fair and Oct. 1 to Mar. 1, May 30 to June 1, July 15-22, which are poor. Dissolved oxygen (bottom) records rated excellent, except for Mar. 17-25, May 3-11, May 29 to June 1, June 19-22, July 5-14, which are good, July 15-22, which are fair, and Oct. 1 to Jan. 21, Feb. 22 to Mar. 1, which are poor.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE (Top): Maximum, 34.5°C, Aug. 1, 1999; minimum, 7.5°C, Jan. 27, 28, Feb. 1, 3, 1994, Feb. 17, 18, 1995, Feb. 3, 9, 17, 1996.

WATER TEMPERATURE (Bottom): Maximum, 26.2°C Sep. 13, 2003; minimum, 7.5°C on many days during Jan. and Feb. 1994, Feb. and Mar. 1996, Jan. and Feb. 2001.

DISSOLVED OXYGEN (Top): Maximum, 14.0 mg/L, Mar. 16, 1995; minimum, 0.0 mg/L, Aug. 26, 1995, on several days during Oct. 1996, Oct. 23-25, 1997.

DISSOLVED OXYGEN (Bottom): Maximum, 13.7 mg/L, Mar. 13, 2001; minimum, 0.0 mg/L on many days during 1993-2000, 2003.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE (Top): Maximum, 31.4°C, July 11; minimum, 8.5°C, Feb. 18, but may have been lower during periods of missing record.

WATER TEMPERATURE (Bottom): Maximum, 24.7°C, Oct. 1; minimum, 8.1°C Mar. 5, but may have been lower during periods of missing record.

DISSOLVED OXYGEN (Top): Maximum, 11.6 mg/L, Feb. 10, but may have been higher during periods of missing record; minimum 0.5 mg/L, Oct. 4.

DISSOLVED OXYGEN (Bottom): Maximum, 11.1 mg/L, Mar. 1, 3, 6, but may have been higher during periods of missing record; minimum, 0.1 mg/L, Sep. 30.

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	24.8	24.1	24.3	22.0	20.7	21.3	16.6	16.3	16.5	11.6	11.3	11.6
2	24.6	24.0	24.2	22.3	21.0	21.7	16.5	16.2	16.3	12.1	11.4	11.6
3	24.3	23.6	23.9	21.6	20.7	21.0	16.3	15.9	16.1	12.6	11.5	11.9
4	24.0	23.5	23.7	21.2	20.6	20.8	16.0	15.8	15.9	12.6	11.7	12.2
5	23.9	23.4	23.6	23.1	20.8	21.8	15.9	15.5	15.7	12.5	12.2	12.4
6	23.9	23.3	23.5	23.2	21.6	22.7	15.7	15.4	15.5	12.7	12.0	12.4
7	23.6	23.3	23.5	22.7	20.7	21.6	15.5	14.9	15.3	12.1	11.7	11.9
8	23.4	23.1	23.3	21.3	20.1	20.5	15.2	14.9	15.1	12.0	11.6	11.7
9	23.4	23.0	23.2	20.4	19.8	20.0	15.1	14.7	14.9	11.7	11.2	11.5
10	23.6	23.1	23.3	20.0	19.5	19.7	15.0	14.7	14.8	11.3	11.1	11.2
11	23.5	23.1	23.3	20.5	19.5	19.8	---	---	---	11.2	11.0	11.1
12	23.6	23.0	23.2	20.1	19.6	19.8	---	---	---	11.4	11.0	11.2
13	23.6	22.8	23.1	19.8	19.3	19.6	---	---	---	11.3	10.8	11.0
14	23.4	22.9	23.1	19.4	19.0	19.2	---	---	---	11.3	10.8	11.0
15	23.4	22.8	23.0	19.4	18.8	19.1	---	---	---	11.3	10.9	11.1
16	23.2	22.7	22.9	19.3	18.8	19.0	---	---	---	11.1	10.8	10.9
17	23.2	22.5	22.8	19.6	18.9	19.1	---	---	---	11.0	10.8	10.9
18	23.0	22.3	22.6	19.2	19.0	19.0	---	---	---	11.4	10.7	11.0
19	23.2	22.4	22.6	19.2	18.9	19.0	---	---	---	11.3	10.9	11.1
20	23.0	22.2	22.5	19.1	18.6	18.8	---	---	---	11.2	10.8	11.0
21	22.8	22.1	22.5	19.4	18.5	18.8	---	---	---	11.1	10.9	11.0
22	22.6	21.9	22.2	18.9	18.4	18.6	---	---	---	11.3	10.8	11.1
23	22.7	21.8	22.0	18.9	18.3	18.5	12.7	12.2	12.5	11.3	10.7	11.1
24	22.6	21.3	21.9	18.5	18.2	18.4	12.8	12.2	12.5	11.2	10.6	10.9
25	22.3	21.2	21.5	18.3	17.9	18.1	12.6	12.3	12.4	10.8	10.5	10.6
26	21.9	21.1	21.4	18.2	17.8	18.0	12.5	12.1	12.3	10.7	10.3	10.5
27	21.5	21.2	21.4	18.1	17.7	17.9	12.2	12.1	12.2	10.7	10.1	10.4
28	21.3	21.0	21.2	17.8	17.3	17.7	12.2	11.8	11.9	10.6	10.1	10.3
29	21.6	20.8	21.1	17.3	16.9	17.1	11.9	11.7	11.8	10.4	9.8	10.1
30	21.4	20.7	21.0	16.9	16.6	16.8	12.0	11.6	11.8	10.3	9.7	10.0
31	21.8	20.7	21.0	---	---	---	11.8	11.4	11.6	10.6	9.5	9.8
MONTH	24.8	20.7	22.7	23.2	16.6	19.4	---	---	---	12.7	9.5	11.1

02168500 LAKE MURRAY NEAR COLUMBIA, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	9.8	9.6	9.6	---	---	---	13.1	12.8	12.9	21.6	19.0	20.0
2	9.7	9.3	9.4	9.5	9.0	9.2	12.8	12.6	12.7	21.4	20.7	21.0
3	9.7	9.4	9.5	10.0	9.0	9.3	14.0	12.5	13.1	21.1	20.1	20.7
4	9.8	9.3	9.5	11.5	9.1	10.2	13.5	13.1	13.3	20.6	19.6	19.9
5	9.4	9.1	9.3	11.0	9.6	10.4	14.6	12.8	13.6	21.1	19.7	20.2
6	9.5	9.1	9.3	11.5	10.1	10.7	15.2	13.5	14.0	22.1	20.7	21.2
7	9.7	8.8	9.4	12.2	10.4	11.5	15.7	14.3	14.9	24.7	21.4	23.1
8	9.6	9.0	9.4	11.7	11.3	11.5	15.8	15.3	15.5	25.8	22.5	24.0
9	9.4	8.8	9.2	11.4	10.2	11.0	17.1	15.4	16.0	25.2	23.7	24.3
10	9.3	9.0	9.2	10.4	10.0	10.2	17.5	15.7	16.4	25.1	21.2	23.5
11	9.4	8.9	9.3	11.1	10.1	10.6	18.1	16.1	17.1	24.6	21.2	22.6
12	9.3	8.9	9.0	11.7	10.5	11.1	16.1	12.8	13.5	22.4	21.3	21.8
13	9.1	8.7	9.0	12.4	10.9	11.4	15.7	13.6	14.8	23.4	21.2	22.4
14	9.2	8.6	9.0	12.6	10.8	11.2	15.6	14.8	15.2	24.4	21.9	23.1
15	9.2	8.6	8.8	13.2	11.2	12.1	14.8	14.2	14.4	24.1	22.6	23.2
16	9.3	8.6	9.0	13.5	11.2	12.7	16.0	14.2	14.9	23.8	23.2	23.5
17	9.2	8.8	9.0	13.5	11.7	13.1	17.9	15.7	16.4	23.5	22.9	23.2
18	9.0	8.5	8.8	13.6	12.7	13.1	19.0	16.3	17.4	24.5	22.9	23.8
19	9.2	8.7	8.9	13.3	12.4	12.8	19.8	16.8	18.2	25.0	24.0	24.5
20	9.5	8.8	9.2	13.2	12.0	12.6	20.0	18.1	18.7	26.2	24.4	25.0
21	10.0	9.4	9.7	14.0	13.1	13.3	20.4	19.2	20.0	27.4	25.2	25.9
22	9.6	9.1	9.3	13.1	12.5	12.7	21.9	19.3	20.5	26.7	25.8	26.3
23	---	---	---	13.4	12.3	12.8	21.9	19.7	20.9	27.7	26.0	26.7
24	---	---	---	13.4	12.8	13.0	22.0	20.2	21.0	28.0	26.4	27.2
25	---	---	---	14.0	12.4	13.1	22.0	20.3	21.3	28.7	27.0	27.8
26	---	---	---	14.2	12.7	13.4	21.7	19.8	21.0	28.3	27.7	28.0
27	---	---	---	14.5	13.4	13.9	20.5	19.3	20.0	28.1	27.4	27.7
28	---	---	---	16.6	12.3	15.2	21.3	19.7	20.1	28.1	27.2	27.6
29	---	---	---	14.8	11.9	13.1	20.0	18.9	19.7	28.0	27.2	27.6
30	---	---	---	14.0	11.6	12.8	19.9	18.2	19.3	28.1	27.5	27.8
31	---	---	---	13.4	12.4	13.1	---	---	---	28.0	27.3	27.7
MONTH	---	---	---	---	---	---	22.0	12.5	16.9	28.7	19.0	24.2

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	27.4	26.8	27.1	28.2	27.0	27.5	28.4	28.0	28.2	27.8	26.8	27.1
2	28.0	26.5	27.2	28.7	27.8	28.2	28.6	28.1	28.3	26.8	26.3	26.5
3	28.4	26.9	27.6	28.6	27.7	28.2	28.8	28.1	28.2	26.4	26.1	26.3
4	28.2	27.1	27.7	29.4	28.0	28.6	30.4	28.6	29.1	26.1	25.9	26.0
5	28.4	26.8	27.5	29.8	28.6	29.1	30.2	29.4	29.9	26.1	25.7	25.9
6	28.2	27.0	27.5	30.5	28.9	29.7	29.8	28.6	29.0	25.8	25.3	25.6
7	28.6	26.6	27.1	30.3	29.8	30.0	28.7	28.1	28.3	25.3	24.9	25.1
8	27.6	26.8	27.0	30.1	29.2	29.7	28.4	27.9	28.2	24.9	24.6	24.8
9	27.0	26.4	26.8	30.8	29.5	30.2	28.8	27.8	28.2	26.8	24.6	25.4
10	28.1	26.6	27.2	31.2	30.2	30.6	28.2	27.7	27.9	25.4	24.8	25.0
11	29.3	27.7	28.4	31.4	29.6	30.4	28.5	27.6	28.0	25.0	24.7	24.9
12	29.6	26.8	28.6	31.1	29.4	30.2	28.1	27.3	27.7	25.0	24.7	24.9
13	27.3	26.9	27.1	31.0	30.1	30.4	27.3	27.1	27.2	24.9	24.7	24.8
14	27.1	26.7	26.8	30.8	30.4	30.6	27.7	26.9	27.1	24.7	24.4	24.6
15	27.4	26.7	27.1	30.7	30.0	30.3	27.0	26.4	26.6	24.4	24.3	24.4
16	28.2	27.0	27.5	30.6	29.6	30.1	26.7	26.3	26.4	24.4	24.2	24.2
17	31.0	27.6	28.5	30.3	29.6	30.0	26.8	26.4	26.6	24.2	24.0	24.1
18	30.4	28.4	29.4	30.1	29.3	29.6	27.5	26.3	26.8	24.1	23.8	23.9
19	30.8	28.1	29.7	30.2	29.1	29.4	28.8	26.9	27.7	24.0	23.4	23.7
20	29.6	28.1	28.8	29.5	29.1	29.3	28.5	27.4	27.9	23.4	23.1	23.3
21	28.9	27.8	28.4	30.0	28.9	29.3	28.2	27.5	27.8	23.3	22.9	23.1
22	28.7	27.6	28.1	30.4	29.5	29.8	27.8	26.9	27.4	23.7	22.8	23.1
23	28.7	28.0	28.3	30.4	29.7	29.9	28.3	26.6	27.3	23.6	23.2	23.4
24	28.3	27.9	28.1	30.2	29.1	29.6	27.7	27.3	27.5	23.2	22.8	23.0
25	28.5	27.9	28.2	29.4	28.4	28.9	27.4	26.7	27.0	22.9	22.7	22.8
26	28.6	27.7	28.0	29.3	28.7	28.9	27.0	26.5	26.7	22.9	22.7	22.8
27	28.2	27.4	27.9	29.2	28.7	28.9	27.0	26.6	26.7	22.7	22.5	22.6
28	27.4	27.1	27.3	29.9	28.8	29.1	27.0	26.7	26.8	23.2	22.5	22.8
29	28.2	27.0	27.4	29.4	28.9	29.1	26.9	26.4	26.7	23.5	23.0	23.2
30	28.2	27.2	27.6	29.2	28.5	28.8	28.0	26.4	27.1	24.2	23.1	23.6
31	---	---	---	29.1	28.3	28.7	27.7	27.1	27.4	---	---	---
MONTH	31.0	26.4	27.8	31.4	27.0	29.5	30.4	26.3	27.6	27.8	22.5	24.4

SANTEE RIVER BASIN

02168500 LAKE MURRAY NEAR COLUMBIA, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	24.7	24.0	24.2	21.3	20.8	21.0	17.2	17.0	17.1	11.4	11.0	11.2
2	24.5	23.9	24.1	21.3	20.7	20.9	17.0	16.8	16.9	11.4	11.0	11.2
3	24.2	23.6	23.8	21.2	20.7	20.8	16.9	16.6	16.7	11.4	11.0	11.2
4	24.0	23.5	23.6	21.0	20.6	20.7	16.6	16.3	16.5	11.8	10.7	11.2
5	23.8	23.4	23.6	20.8	20.5	20.7	16.3	16.1	16.2	12.1	10.9	11.3
6	23.7	23.2	23.4	21.1	20.5	20.6	16.1	15.8	15.9	11.6	11.0	11.2
7	23.5	23.1	23.2	20.7	20.5	20.6	15.8	15.3	15.6	11.7	11.4	11.6
8	23.3	22.9	23.1	20.7	20.5	20.6	15.6	15.3	15.4	11.6	11.1	11.4
9	23.2	22.8	23.0	20.6	20.2	20.4	15.3	15.1	15.2	11.6	10.9	11.3
10	23.1	22.9	23.0	20.4	20.0	20.1	15.4	14.9	15.1	10.9	10.8	10.9
11	22.9	22.7	22.8	20.2	19.9	19.9	---	---	---	10.9	10.8	10.8
12	23.2	22.6	22.8	20.1	19.8	20.0	---	---	---	10.9	10.8	10.8
13	23.1	22.6	22.7	20.1	19.8	20.0	---	---	---	10.8	10.6	10.7
14	23.0	22.5	22.6	19.8	19.5	19.6	---	---	---	10.9	10.5	10.7
15	23.0	22.4	22.6	19.6	19.3	19.4	---	---	---	11.0	10.6	10.7
16	22.6	22.3	22.4	19.5	19.2	19.3	---	---	---	10.7	10.5	10.6
17	22.5	22.2	22.3	19.3	19.1	19.2	---	---	---	10.6	10.5	10.5
18	22.5	22.0	22.2	19.4	19.0	19.1	---	---	---	10.9	10.6	10.7
19	22.7	21.9	22.1	19.4	19.0	19.2	---	---	---	10.8	10.6	10.7
20	22.6	21.8	22.1	19.4	18.9	19.1	---	---	---	10.7	10.5	10.6
21	22.4	21.8	22.0	19.1	18.8	18.9	---	---	---	10.6	10.4	10.5
22	22.6	21.7	22.0	19.1	18.7	18.8	---	---	---	10.6	10.4	10.4
23	22.5	21.6	21.9	19.0	18.7	18.8	12.1	11.7	11.8	10.6	10.3	10.4
24	22.5	21.4	21.7	18.8	18.6	18.7	12.2	11.7	11.9	10.5	10.2	10.3
25	22.4	21.3	21.6	18.7	18.3	18.5	12.2	11.7	11.9	10.3	10.1	10.2
26	21.6	21.3	21.5	18.5	18.2	18.3	11.8	11.6	11.7	10.2	9.9	10.0
27	21.5	21.3	21.4	18.4	18.1	18.2	11.7	11.3	11.5	10.0	9.8	9.9
28	21.5	21.2	21.3	18.2	17.9	18.1	11.5	11.3	11.3	10.0	9.6	9.8
29	21.7	21.1	21.2	17.9	17.4	17.6	11.3	11.1	11.2	10.0	9.5	9.6
30	21.5	20.9	21.1	17.5	17.2	17.3	11.7	11.2	11.4	10.1	9.4	9.6
31	21.4	20.9	21.0	---	---	---	11.3	11.0	11.2	10.1	9.3	9.4
MONTH	24.7	20.9	22.5	21.3	17.2	19.5	---	---	---	12.1	9.3	10.6

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	9.3	9.1	9.3	---	---	---	12.9	11.3	12.6	13.2	12.3	12.8
2	9.2	9.0	9.1	8.9	8.2	8.4	12.9	12.7	12.8	13.0	12.3	12.6
3	9.2	9.0	9.1	8.5	8.2	8.2	12.8	12.5	12.7	14.2	12.8	13.4
4	9.2	9.0	9.1	8.4	8.2	8.2	13.2	12.7	12.9	13.8	12.6	13.0
5	9.0	8.8	8.9	8.4	8.1	8.2	13.1	12.6	12.9	13.3	12.8	13.0
6	9.2	8.7	8.9	10.6	8.2	9.4	12.7	11.8	12.1	13.2	12.9	13.0
7	9.7	9.1	9.3	11.1	8.4	9.5	12.0	10.9	11.4	13.3	12.5	13.0
8	9.3	8.9	9.0	11.1	10.2	10.6	12.0	10.9	11.5	13.0	12.1	12.7
9	9.0	8.7	8.9	10.2	9.3	9.8	12.0	11.3	11.7	13.3	12.6	12.9
10	9.0	8.7	8.9	10.1	9.1	9.6	11.4	10.6	11.0	13.2	12.7	13.0
11	9.0	8.7	8.8	10.8	9.7	10.2	11.3	10.5	11.0	13.2	12.6	13.0
12	8.8	8.7	8.7	10.7	10.1	10.4	11.7	10.6	11.0	13.1	12.7	12.9
13	8.9	8.6	8.8	10.6	9.8	10.2	15.0	10.9	12.0	13.3	12.8	13.0
14	9.0	8.6	8.8	10.2	9.6	10.0	14.0	11.9	13.3	13.5	12.7	13.1
15	8.8	8.4	8.7	10.1	9.4	9.7	14.0	13.1	13.6	13.4	12.8	13.0
16	8.9	8.4	8.7	10.0	9.5	9.7	13.6	11.8	12.6	13.4	12.8	13.0
17	8.8	8.6	8.7	10.3	9.5	9.9	12.7	11.4	12.2	13.3	12.9	13.1
18	8.7	8.6	8.7	10.8	9.5	10.2	12.9	11.6	12.2	13.4	12.9	13.2
19	8.8	8.6	8.6	10.0	9.5	9.8	13.1	11.7	12.4	13.6	13.0	13.2
20	9.3	8.6	8.9	10.0	9.6	9.8	13.8	11.8	12.5	13.4	13.0	13.2
21	9.3	9.2	9.3	10.4	9.6	9.9	12.4	10.9	11.8	13.6	13.0	13.2
22	9.3	8.9	9.1	11.3	10.0	10.8	12.6	11.6	12.1	13.5	12.9	13.2
23	---	---	---	10.6	9.6	9.9	12.9	11.4	12.1	13.4	13.0	13.3
24	---	---	---	10.0	9.7	9.8	12.8	11.6	12.3	13.4	13.0	13.2
25	---	---	---	10.0	9.7	9.9	12.5	11.8	12.1	13.4	13.0	13.2
26	---	---	---	10.2	9.8	9.9	12.9	11.8	12.4	13.5	13.2	13.4
27	---	---	---	10.4	9.9	10.1	13.3	12.3	12.7	13.6	13.2	13.3
28	---	---	---	10.4	10.1	10.3	12.8	12.3	12.6	13.5	13.4	13.4
29	---	---	---	10.6	10.0	10.2	12.7	12.2	12.5	13.5	13.2	13.3
30	---	---	---	10.1	9.5	10.0	13.0	12.4	12.7	13.5	13.4	13.4
31	---	---	---	11.3	10.1	10.6	---	---	---	13.9	13.3	13.6
MONTH	---	---	---	---	---	---	15.0	10.5	12.3	14.2	12.1	13.1

SANTÉE RIVER BASIN

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02168500 LAKE MURRAY NEAR COLUMBIA, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	13.8	13.3	13.5	14.6	14.2	14.4	15.2	14.8	14.9	15.8	15.4	15.5
2	13.7	13.4	13.5	14.6	14.3	14.5	15.2	14.7	14.9	15.9	15.4	15.7
3	13.8	13.4	13.6	14.6	14.2	14.4	15.3	14.8	15.0	15.9	15.5	15.7
4	13.9	13.6	13.8	14.7	14.1	14.4	15.3	14.9	15.0	15.9	15.6	15.8
5	13.8	13.4	13.5	14.6	14.3	14.4	15.4	14.8	15.1	15.9	15.5	15.7
6	13.8	13.5	13.7	14.6	14.2	14.4	15.2	14.8	15.0	15.7	15.4	15.6
7	13.8	13.4	13.6	14.8	14.3	14.5	15.3	15.0	15.2	15.8	15.5	15.7
8	13.9	13.4	13.6	14.6	14.3	14.5	15.4	15.0	15.2	16.4	15.6	16.1
9	13.9	13.5	13.7	14.5	14.2	14.4	15.4	15.0	15.1	16.4	16.1	16.2
10	14.0	13.5	13.8	14.8	14.3	14.5	15.4	15.0	15.2	16.1	15.9	16.0
11	13.9	13.6	13.7	14.6	14.2	14.5	15.4	15.0	15.2	16.1	15.9	16.0
12	13.9	13.1	13.6	14.9	14.4	14.5	15.6	15.0	15.3	16.2	16.0	16.1
13	14.0	13.6	13.7	14.9	14.4	14.6	15.4	15.1	15.2	16.2	16.0	16.1
14	14.0	13.7	13.9	15.0	14.4	14.8	15.4	14.9	15.2	16.2	16.0	16.1
15	14.2	13.7	14.0	14.9	14.4	14.6	15.5	14.9	15.3	16.3	15.8	16.1
16	14.3	13.6	13.9	15.0	14.4	14.7	15.5	15.2	15.4	16.4	15.8	16.1
17	14.1	13.6	13.8	14.9	14.6	14.7	15.4	15.1	15.3	17.3	16.0	16.3
18	14.2	13.7	14.0	15.0	14.5	14.7	15.7	15.1	15.4	17.9	16.4	17.3
19	14.1	13.7	13.9	15.0	14.5	14.7	15.6	15.2	15.4	16.5	16.2	16.4
20	14.1	13.7	13.9	14.9	14.5	14.7	15.7	15.2	15.4	16.8	16.2	16.5
21	14.3	13.8	14.0	14.9	14.6	14.7	15.7	15.2	15.5	16.8	16.4	16.6
22	14.5	14.0	14.2	14.9	14.6	14.7	15.6	15.2	15.3	16.8	16.5	16.7
23	14.4	14.0	14.3	15.0	14.6	14.8	15.7	15.2	15.5	16.9	16.6	16.7
24	14.4	14.0	14.2	14.9	14.6	14.7	15.6	15.4	15.5	16.8	16.6	16.7
25	14.4	13.9	14.1	15.0	14.6	14.7	15.6	15.3	15.5	16.9	16.5	16.7
26	14.4	14.1	14.3	15.1	14.7	14.9	15.7	15.4	15.5	16.7	16.4	16.6
27	14.4	14.0	14.2	15.2	14.6	14.9	15.7	15.3	15.5	16.6	16.2	16.4
28	14.8	14.0	14.4	15.2	14.6	14.9	15.8	15.2	15.4	17.8	16.1	16.8
29	14.7	14.0	14.3	15.1	14.7	14.8	16.0	15.4	15.6	19.2	16.5	17.5
30	14.5	14.1	14.3	15.1	14.8	14.9	15.9	15.4	15.7	17.6	16.9	17.4
31	---	---	---	15.2	14.8	14.9	15.9	15.4	15.7	---	---	---
MONTH	14.8	13.1	13.9	15.2	14.1	14.6	16.0	14.7	15.3	19.2	15.4	16.3

SANTEE RIVER BASIN

02168500 LAKE MURRAY NEAR COLUMBIA, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	3.7	2.0	2.7	6.5	5.8	6.1	7.8	7.6	7.7	8.6	8.4	8.5
2	2.9	1.2	2.2	7.3	5.9	6.7	7.7	7.2	7.6	8.9	8.4	8.5
3	2.8	0.5	2.1	6.8	5.1	5.9	7.7	7.6	7.6	9.2	8.4	8.8
4	2.7	0.5	1.4	6.4	5.0	5.7	7.7	7.6	7.7	9.5	8.9	9.2
5	3.6	0.9	2.3	7.6	5.5	6.7	7.9	7.7	7.8	9.4	8.9	9.2
6	2.7	1.3	2.0	8.1	6.6	7.6	7.9	7.8	7.9	9.5	8.8	9.2
7	3.0	1.3	2.3	7.8	5.8	6.8	7.9	7.7	7.8	9.5	8.4	8.9
8	3.0	1.8	2.5	7.0	5.8	6.1	7.9	7.8	7.8	9.3	8.3	8.8
9	3.1	1.6	2.6	6.2	5.6	5.9	8.0	7.9	8.0	9.2	8.1	8.4
10	3.1	2.0	2.5	5.8	5.4	5.6	8.3	8.0	8.1	8.3	8.1	8.2
11	2.7	1.0	1.8	6.4	5.6	5.9	---	---	---	8.4	8.1	8.3
12	2.7	1.2	2.0	7.0	6.3	6.6	---	---	---	8.9	8.2	8.5
13	3.3	2.1	2.7	6.9	6.4	6.7	---	---	---	8.8	8.6	8.7
14	2.9	2.0	2.6	6.8	6.2	6.5	---	---	---	8.8	8.3	8.5
15	3.1	1.8	2.7	7.0	6.5	6.7	---	---	---	8.8	8.4	8.6
16	3.2	2.1	2.8	7.2	6.7	6.9	---	---	---	8.6	8.3	8.4
17	4.2	2.6	3.5	7.4	6.8	7.1	---	---	---	8.4	8.2	8.3
18	4.6	3.9	4.3	7.4	6.8	7.1	---	---	---	8.9	8.3	8.6
19	4.9	4.4	4.5	7.2	6.8	7.0	---	---	---	8.9	8.4	8.6
20	5.0	4.4	4.7	7.3	6.7	7.0	---	---	---	8.6	8.3	8.5
21	4.9	4.6	4.7	7.2	6.5	6.8	---	---	---	8.9	8.5	8.7
22	5.1	4.6	4.8	7.1	6.7	6.9	---	---	---	---	---	---
23	5.2	4.7	4.9	7.1	6.6	6.8	8.9	8.7	8.8	---	---	---
24	5.4	4.7	5.0	7.0	6.7	6.9	8.8	8.7	8.8	---	---	---
25	5.7	4.9	5.2	7.1	6.7	6.9	8.8	8.6	8.7	---	---	---
26	5.7	5.1	5.4	7.1	6.6	6.8	8.8	8.6	8.7	---	---	---
27	5.8	5.4	5.6	6.9	6.5	6.7	8.7	8.6	8.7	---	---	---
28	5.6	5.4	5.4	7.3	6.7	7.0	8.7	8.6	8.7	---	---	---
29	6.1	5.5	5.8	7.5	7.2	7.4	8.7	8.5	8.6	---	---	---
30	6.1	5.6	5.8	7.7	7.4	7.6	8.7	8.4	8.6	---	---	---
31	6.4	5.5	5.9	---	---	---	8.6	8.4	8.5	---	---	---
MONTH	6.4	0.5	3.6	8.1	5.0	6.7	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	---	---	---	10.6	10.4	10.5	11.0	9.3	9.9
2	---	---	---	11.3	10.9	11.2	10.6	10.4	10.4	10.7	9.1	10.2
3	---	---	---	11.4	10.8	11.0	10.8	10.4	10.6	10.2	9.5	10.0
4	---	---	---	11.5	10.9	11.2	10.7	10.3	10.5	10.2	9.3	9.5
5	---	---	---	11.5	11.0	11.3	10.9	10.0	10.5	10.3	9.6	10.0
6	10.7	10.5	10.6	11.3	10.8	11.1	11.3	10.2	10.8	10.7	9.6	10.0
7	10.9	10.6	10.7	11.3	10.8	11.1	11.3	10.6	10.9	10.4	9.5	9.9
8	10.9	10.8	10.8	11.2	10.8	11.1	10.9	10.5	10.7	10.5	9.0	9.6
9	11.0	10.8	10.9	11.1	10.7	10.9	11.0	10.5	10.7	10.3	9.6	9.9
10	11.6	10.9	11.2	11.0	10.7	10.8	11.0	10.3	10.7	10.0	8.3	9.4
11	---	---	---	11.3	10.7	11.0	10.9	10.2	10.6	10.7	8.9	9.8
12	---	---	---	11.2	10.9	11.1	10.2	9.4	9.8	10.3	9.1	9.6
13	---	---	---	11.2	10.7	10.9	10.4	9.5	10.0	10.0	8.9	9.4
14	---	---	---	11.1	10.5	10.9	10.2	9.9	10.0	9.8	8.8	9.2
15	---	---	---	11.1	10.6	10.8	10.1	9.1	9.7	9.4	8.2	8.9
16	---	---	---	11.2	10.5	10.9	10.1	9.0	9.6	9.4	8.6	8.9
17	---	---	---	11.1	10.6	10.9	10.2	9.7	10.0	9.7	8.8	9.2
18	---	---	---	11.1	10.6	10.8	10.5	9.9	10.2	9.6	8.3	9.0
19	---	---	---	11.1	10.5	10.8	10.6	10.0	10.2	9.6	8.9	9.2
20	---	---	---	10.9	10.6	10.7	10.6	9.8	10.2	9.4	8.9	9.2
21	---	---	---	10.8	10.2	10.7	10.5	9.5	10.1	9.4	8.8	9.0
22	---	---	---	10.6	9.7	10.3	10.3	9.7	10.1	9.1	8.0	8.7
23	---	---	---	10.6	9.6	10.1	10.6	9.8	10.2	8.7	7.8	8.3
24	---	---	---	10.6	10.0	10.3	10.8	9.8	10.3	8.7	8.0	8.3
25	---	---	---	10.8	10.2	10.5	10.9	10.1	10.4	8.5	8.0	8.2
26	---	---	---	10.9	10.4	10.7	10.5	9.4	10.0	8.6	7.3	8.3
27	---	---	---	11.1	10.4	10.8	10.6	9.4	10.1	8.7	6.3	8.2
28	---	---	---	10.9	10.3	10.6	9.9	9.0	9.5	8.7	7.1	8.2
29	---	---	---	10.7	10.0	10.4	10.3	9.4	9.9	9.0	7.0	8.1
30	---	---	---	10.7	10.0	10.3	10.2	9.4	9.7	8.6	6.5	8.0
31	---	---	---	10.7	10.2	10.5	---	---	---	8.5	7.7	8.2
MONTH	---	---	---	---	---	---	11.3	9.0	10.2	11.0	6.3	9.1

SANTEE RIVER BASIN

02168500 LAKE MURRAY NEAR COLUMBIA, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	8.3	7.7	8.0	9.6	8.2	8.9	7.3	6.4	6.9	8.2	6.8	7.3
2	7.9	7.1	7.7	9.7	8.4	9.1	7.5	5.8	7.0	7.7	6.9	7.4
3	8.1	7.3	7.8	9.6	9.1	9.3	7.8	6.7	7.3	8.0	6.7	7.5
4	8.2	7.0	7.9	9.7	8.9	9.3	8.0	5.9	7.4	7.9	6.1	7.2
5	8.4	6.8	7.9	9.5	8.6	9.2	8.3	6.8	7.8	7.8	5.4	6.9
6	8.7	7.3	8.1	9.3	8.3	8.8	7.6	6.5	7.2	7.3	5.3	6.5
7	8.4	7.2	8.0	9.5	8.8	9.2	7.9	6.0	7.3	7.1	5.2	6.4
8	8.2	7.0	7.8	9.8	8.8	9.3	8.2	6.3	7.5	7.7	6.8	7.4
9	8.1	6.9	7.5	9.7	7.9	9.1	8.0	5.5	7.2	7.9	5.5	7.2
10	8.7	7.3	8.2	9.5	8.6	9.2	8.2	7.3	7.9	8.2	4.6	7.0
11	8.6	8.2	8.4	9.8	7.6	8.8	8.2	6.7	7.8	7.9	5.2	7.3
12	8.8	7.4	8.3	9.5	7.8	8.8	8.1	6.9	7.5	8.2	7.0	7.6
13	8.0	7.4	7.7	9.0	8.4	8.8	8.2	6.6	7.7	7.9	6.8	7.3
14	8.4	7.4	7.9	8.9	8.2	8.6	8.2	6.8	7.4	7.3	6.6	6.9
15	8.3	7.4	8.0	8.2	7.6	8.0	8.2	5.7	7.5	7.4	6.3	6.9
16	9.0	7.1	8.1	8.3	7.2	7.9	8.2	6.7	7.7	7.4	6.7	7.0
17	8.9	7.9	8.5	8.1	7.3	7.7	8.3	6.2	7.7	8.0	7.1	7.6
18	8.5	8.2	8.3	8.0	7.2	7.7	8.5	7.3	8.1	8.1	7.3	7.7
19	8.4	7.4	8.1	8.2	7.0	7.5	8.3	6.9	7.5	7.8	6.7	7.2
20	8.4	7.2	8.0	8.0	6.7	7.5	7.7	7.1	7.5	7.5	6.5	6.9
21	7.9	6.8	7.5	7.8	6.3	7.3	7.7	7.4	7.6	7.9	6.8	7.5
22	8.0	5.9	7.4	7.5	6.6	7.1	7.6	6.0	7.0	7.9	7.1	7.4
23	8.2	7.6	7.9	7.8	7.0	7.4	7.9	6.0	7.0	8.4	7.7	8.1
24	8.2	7.6	8.0	8.1	5.8	7.4	8.0	6.6	7.4	8.3	7.4	8.0
25	8.5	7.8	8.2	7.5	6.4	7.0	8.1	6.7	7.4	8.1	7.4	7.7
26	8.6	8.2	8.4	7.6	6.4	6.9	8.0	6.7	7.4	8.2	7.5	7.9
27	8.9	6.3	8.2	7.9	6.2	7.2	7.8	6.9	7.4	8.1	7.5	7.8
28	8.8	6.3	8.4	7.9	6.7	7.4	8.2	6.8	7.7	8.9	7.8	8.4
29	9.0	7.9	8.5	7.8	6.3	7.2	8.0	6.8	7.6	9.3	8.4	8.8
30	9.0	7.0	8.0	7.8	6.3	7.3	7.9	7.4	7.8	9.5	8.3	8.9
31	---	---	---	7.6	6.4	7.0	7.9	6.7	7.3	---	---	---
MONTH	9.0	5.9	8.0	9.8	5.8	8.1	8.5	5.5	7.5	9.5	4.6	7.5

SANTEE RIVER BASIN

02168500 LAKE MURRAY NEAR COLUMBIA, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.8	6.2	7.0	4.4	4.1	4.2	5.6	5.3	5.4	---	---	---
2	7.4	5.4	6.6	5.8	4.0	4.4	5.5	5.2	5.4	---	---	---
3	---	---	---	4.6	3.8	4.0	5.8	5.3	5.5	---	---	---
4	---	---	---	4.1	3.7	3.9	6.0	5.5	5.7	---	---	---
5	---	---	---	4.4	3.6	3.8	5.5	4.5	4.9	---	---	---
6	---	---	---	3.8	3.6	3.7	5.0	4.3	4.5	---	---	---
7	---	---	---	3.7	3.4	3.6	4.4	4.2	4.3	---	---	---
8	---	---	---	3.7	3.5	3.6	5.3	4.2	4.4	---	---	---
9	---	---	---	3.7	3.5	3.6	4.4	4.2	4.3	---	---	---
10	5.0	4.5	4.7	4.0	3.4	3.6	4.5	3.7	4.1	---	---	---
11	4.9	3.6	4.0	---	---	---	---	---	---	---	---	---
12	5.2	3.5	4.4	---	---	---	---	---	---	---	---	---
13	5.2	3.8	4.5	---	---	---	---	---	---	---	---	---
14	5.7	3.9	4.5	---	---	---	---	---	---	---	---	---
15	4.8	3.9	4.2	---	---	---	---	---	---	---	---	---
16	4.7	4.1	4.5	---	---	---	---	---	---	---	---	---
17	4.7	4.2	4.5	---	---	---	---	---	---	---	---	---
18	5.3	4.6	4.8	---	---	---	---	---	---	---	---	---
19	6.6	4.6	4.8	7.1	6.3	6.7	---	---	---	---	---	---
20	4.8	4.6	4.7	7.1	6.7	6.9	---	---	---	---	---	---
21	4.7	4.5	4.6	8.1	6.5	7.0	---	---	---	---	---	---
22	6.6	4.5	4.8	7.3	6.6	6.9	---	---	---	8.8	8.6	8.7
23	5.6	4.6	4.7	8.2	6.8	7.0	8.5	8.2	8.3	8.8	8.7	8.7
24	4.9	4.6	4.7	7.3	6.5	6.9	8.5	8.0	8.2	8.8	8.7	8.8
25	4.7	4.6	4.7	7.2	6.6	6.9	---	---	---	8.8	8.8	8.8
26	4.8	4.6	4.7	7.1	6.2	6.5	---	---	---	8.9	8.8	8.8
27	4.8	4.5	4.6	7.1	5.4	5.8	---	---	---	8.9	8.8	8.8
28	4.9	4.3	4.6	6.3	5.4	5.7	---	---	---	9.0	8.8	8.9
29	4.5	4.3	4.4	6.6	5.4	6.0	---	---	---	9.0	9.0	9.0
30	4.5	4.2	4.4	5.6	5.3	5.5	---	---	---	9.2	9.0	9.0
31	5.0	4.1	4.4	---	---	---	---	---	---	9.1	9.0	9.1
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	9.1	9.0	9.1	11.1	---	---	9.9	9.7	9.8	8.4	8.1	8.2
2	9.2	9.0	9.1	11.1	10.8	10.9	9.9	9.7	9.8	8.3	8.1	8.2
3	9.2	9.1	9.2	11.1	10.8	10.9	9.8	9.6	9.7	8.3	8.0	8.2
4	9.2	9.1	9.1	10.9	10.7	10.8	9.9	9.7	9.8	8.3	8.1	8.2
5	9.2	9.1	9.2	10.9	10.8	10.8	9.8	9.6	9.7	8.1	7.9	8.0
6	9.3	9.2	9.2	11.1	10.7	10.8	9.7	9.5	9.6	8.1	7.9	8.0
7	9.4	9.2	9.3	10.8	10.7	10.8	9.6	9.3	9.4	8.2	7.8	8.0
8	9.4	9.4	9.4	11.0	10.7	10.8	9.4	9.3	9.3	8.2	7.8	8.0
9	9.4	9.4	9.4	10.8	10.5	10.6	9.4	9.2	9.3	8.1	7.5	7.9
10	9.4	9.3	9.3	10.8	10.5	10.7	9.3	9.1	9.2	7.8	7.4	7.6
11	9.4	9.3	9.3	10.9	10.6	10.7	9.2	9.0	9.1	7.7	7.0	7.4
12	9.4	9.3	9.4	10.8	10.6	10.7	9.1	8.9	9.0	7.1	6.9	7.0
13	9.4	9.3	9.4	10.6	10.4	10.5	9.6	8.9	9.1	7.1	6.8	7.0
14	9.5	9.4	9.4	10.5	10.4	10.5	9.3	9.0	9.1	7.1	6.8	7.0
15	9.4	9.3	---	10.5	10.3	10.4	9.3	8.5	9.0	7.2	6.8	7.1
16	9.6	9.3	---	10.5	10.3	10.4	8.6	8.4	8.5	7.2	7.0	7.1
17	9.5	9.3	9.4	10.5	10.3	10.4	8.5	8.3	8.4	7.1	7.0	7.1
18	9.5	9.2	9.4	10.4	10.2	10.3	8.5	8.3	8.4	7.1	6.9	7.0
19	9.4	9.2	9.3	10.3	10.2	10.2	8.5	8.3	8.4	7.1	7.0	7.0
20	9.7	9.3	9.5	10.3	10.2	10.2	8.9	8.4	8.5	7.1	7.0	7.0
21	9.8	9.4	9.7	10.2	10.1	10.2	8.5	8.3	8.4	7.2	7.0	7.1
22	9.5	9.2	9.3	10.2	10.0	10.1	8.6	8.1	8.3	7.2	6.8	7.0
23	---	---	---	10.1	9.9	10.0	8.6	8.2	8.4	7.2	6.6	7.0
24	---	---	---	10.0	9.9	10.0	8.5	8.3	8.4	7.1	7.0	7.0
25	---	---	---	9.9	9.8	9.8	8.5	8.3	8.4	7.1	7.0	7.0
26	---	---	---	9.9	9.7	9.8	8.5	8.3	8.4	7.0	6.8	6.9
27	---	---	---	9.9	9.6	9.8	8.7	8.3	8.4	7.1	6.8	6.9
28	---	---	---	9.8	9.7	9.7	8.3	8.3	8.3	6.9	6.5	6.8
29	---	---	---	9.8	9.6	9.7	8.4	8.1	8.3	6.7	6.4	6.5
30	---	---	---	9.9	9.6	9.7	8.4	8.1	8.3	6.6	6.3	6.5
31	---	---	---	9.8	9.6	9.7	---	---	---	6.7	6.5	6.6
MONTH	---	---	---	11.1	---	---	9.9	8.1	8.9	8.4	6.3	7.3

SANTEE RIVER BASIN

02168500 LAKE MURRAY NEAR COLUMBIA, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	6.8	6.6	6.7	5.3	5.1	5.2	3.8	3.4	3.6	1.8	1.5	1.6
2	6.7	6.5	6.6	5.2	4.9	5.1	3.7	3.3	3.6	1.8	1.4	1.5
3	6.7	6.5	6.6	5.2	4.9	5.0	3.7	3.3	3.5	1.6	1.3	1.4
4	6.6	6.4	6.5	5.2	4.8	5.0	3.6	3.3	3.5	1.5	1.3	1.4
5	6.6	6.4	6.5	5.2	4.9	5.0	3.6	3.1	3.4	1.6	1.3	1.4
6	6.6	6.4	6.5	4.9	4.6	4.8	3.7	2.8	3.5	1.6	1.4	1.5
7	6.6	6.4	6.5	4.9	4.6	4.7	3.2	2.5	2.8	1.5	1.1	1.3
8	6.7	6.2	6.4	4.8	4.5	4.7	3.1	2.7	2.9	1.3	0.9	1.1
9	6.5	6.2	6.3	4.9	4.4	4.6	3.4	2.8	3.1	1.0	0.8	0.9
10	6.4	6.2	6.3	4.7	4.4	4.5	3.4	2.8	3.1	1.0	0.7	0.9
11	6.4	6.2	6.3	4.7	4.2	4.5	3.4	2.8	3.1	1.0	0.6	0.8
12	6.6	6.1	6.3	4.6	4.3	4.5	3.2	2.7	3.0	0.8	0.5	0.7
13	6.3	6.0	6.2	4.6	4.3	4.4	3.3	2.8	3.0	0.8	0.4	0.6
14	6.1	5.9	6.0	4.4	4.3	4.3	2.9	2.1	2.5	0.8	0.3	0.6
15	6.0	5.9	5.9	4.5	4.2	4.3	3.1	2.3	2.7	0.8	0.5	0.7
16	6.1	5.8	6.0	4.5	4.0	4.3	2.7	2.3	2.5	0.9	0.6	0.7
17	6.1	5.8	5.9	4.2	3.9	4.0	2.8	2.4	2.6	0.8	0.4	0.6
18	6.0	5.7	5.9	4.1	3.7	4.0	2.9	2.3	2.6	0.6	0.3	0.4
19	5.9	5.6	5.7	4.0	3.7	3.9	2.9	1.9	2.4	0.6	0.4	0.5
20	5.8	5.5	5.6	4.0	3.8	3.9	2.4	1.9	2.2	0.6	0.4	0.5
21	5.7	5.5	5.6	4.0	3.7	3.9	2.3	1.9	2.0	0.8	0.4	0.5
22	5.6	5.0	5.4	4.0	3.5	3.7	2.3	1.9	2.1	0.8	0.3	0.5
23	5.2	5.1	5.2	3.7	3.4	3.6	2.2	1.7	2.0	0.6	0.3	0.5
24	5.3	5.1	5.2	3.8	3.4	3.5	1.9	1.3	1.5	0.6	0.4	0.5
25	5.3	5.1	5.2	3.8	3.5	3.6	1.7	1.4	1.5	0.4	0.3	0.3
26	5.3	5.2	5.2	3.7	3.5	3.6	1.6	1.3	1.4	0.3	0.2	0.3
27	5.3	5.0	5.2	3.7	3.4	3.6	1.7	1.4	1.6	0.3	0.2	0.2
28	5.3	5.0	5.1	3.7	3.4	3.6	1.8	1.5	1.6	0.5	0.2	0.3
29	5.3	5.1	5.2	3.8	3.5	3.6	1.9	1.4	1.6	1.8	0.2	0.7
30	5.3	5.1	5.2	3.8	3.5	3.7	1.8	1.4	1.6	0.3	0.1	0.2
31	---	---	---	3.8	3.5	3.6	1.9	1.1	1.6	---	---	---
MONTH	6.8	5.0	5.9	5.3	3.4	4.2	3.8	1.1	2.5	1.8	0.1	0.8

SANTEE RIVER BASIN

02168501 LAKE MURRAY TAILRACE NEAR COLUMBIA, SC

LOCATION.--Lat 34°03'12'', long 81°13'01'', Lexington County, Hydrologic Unit 03050109, on left side of Saluda River below Lake Murray dam, at power house, 10.2 mi upstream from confluence of Saluda and Congaree Rivers.

DRAINAGE.--2,420 mi², approximately.

PERIOD OF RECORD.--October 1986 to current year.

GAGE.--Water-stage recorder. Datum of gage is 99.12 ft above NGVD of 1929.

REMARKS.--Regulated by hydro-electric generation from Lake Murray Dam.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 85.92 ft, Mar. 21, 2003; minimum gage height, 70.57 ft, Dec. 4, 1986.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 84.30 ft, Sep. 29; minimum gage height, 71.59 ft, May 31, June 1.

Gage height, feet												
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	---	---	---	---	---	---	75.07	75.04	75.05
2	---	---	---	---	---	---	---	---	---	75.04	73.50	74.22
3	---	---	---	---	---	---	---	---	---	73.50	73.48	73.49
4	---	---	---	---	---	---	---	---	---	73.49	73.48	73.49
5	---	---	---	---	---	---	---	---	---	73.48	73.47	73.48
6	---	---	---	---	---	---	---	---	---	73.98	73.46	73.75
7	---	---	---	---	---	---	---	---	---	74.00	73.98	73.99
8	---	---	---	---	---	---	---	---	---	74.03	73.99	74.01
9	---	---	---	---	---	---	---	---	---	74.02	74.01	74.02
10	---	---	---	---	---	---	---	---	---	74.03	74.01	74.02
11	---	---	---	---	---	---	---	---	---	75.44	74.03	74.89
12	---	---	---	---	---	---	---	---	---	75.16	74.78	74.96
13	---	---	---	---	---	---	---	---	---	75.24	74.92	75.11
14	---	---	---	---	---	---	---	---	---	75.23	73.54	74.29
15	---	---	---	---	---	---	76.60	74.66	74.85	73.55	73.54	73.54
16	---	---	---	---	---	---	74.72	74.67	74.70	73.55	73.54	73.55
17	---	---	---	---	---	---	74.70	74.64	74.67	73.56	73.55	73.56
18	---	---	---	---	---	---	75.39	74.65	75.09	73.56	73.55	73.56
19	---	---	---	---	---	---	75.38	74.63	75.22	73.56	73.55	73.55
20	---	---	---	---	---	---	75.20	75.08	75.14	73.76	73.51	73.57
21	---	---	---	---	---	---	75.15	75.09	75.12	74.48	73.52	73.96
22	---	---	---	---	---	---	75.18	75.10	75.12	74.81	73.55	74.03
23	---	---	---	---	---	---	75.14	74.99	75.10	73.69	73.53	73.62
24	---	---	---	---	---	---	75.09	75.04	75.07	73.69	73.68	73.68
25	---	---	---	---	---	---	75.09	75.04	75.06	74.43	73.68	73.85
26	---	---	---	---	---	---	75.08	75.04	75.06	74.41	74.32	74.36
27	---	---	---	---	---	---	75.08	75.04	75.06	74.38	74.32	74.35
28	---	---	---	---	---	---	75.10	75.05	75.08	75.03	74.32	74.71
29	---	---	---	---	---	---	75.08	75.04	75.06	75.19	74.92	75.05
30	---	---	---	---	---	---	75.08	75.03	75.05	75.22	75.17	75.19
31	---	---	---	---	---	---	75.07	75.01	75.04	75.23	75.15	75.19
MONTH	---	---	---	---	---	---	---	---	---	75.44	73.46	74.13

SANTEE RIVER BASIN

02168501 LAKE MURRAY TAILRACE NEAR COLUMBIA, SC--Continued

Gage height, feet
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	75.53	73.75	74.66	---	---	---	74.45	72.53	72.97	78.78	73.15	73.70
2	73.75	73.75	73.75	---	---	---	73.00	72.98	72.99	73.47	73.12	73.14
3	75.40	73.73	73.88	---	---	---	72.98	72.96	72.97	73.14	73.10	73.12
4	75.54	73.74	74.28	---	---	---	72.96	72.93	72.95	77.21	73.02	73.45
5	74.89	74.87	74.88	79.47	72.42	73.16	72.94	72.91	72.93	73.10	73.07	73.09
6	75.58	74.87	75.14	76.31	72.42	72.62	72.91	72.70	72.83	73.10	73.09	73.10
7	80.88	75.58	76.80	73.19	72.43	72.80	72.71	72.64	72.68	74.33	73.09	73.51
8	79.87	75.43	77.23	74.66	73.17	73.29	72.65	72.64	72.64	78.58	72.84	75.40
9	79.33	77.30	77.58	74.23	73.22	73.66	72.65	72.63	72.64	72.87	72.83	72.86
10	79.09	77.28	77.76	74.45	73.77	73.85	72.65	72.64	72.64	72.83	72.81	72.83
11	77.31	75.49	76.32	74.71	73.82	74.04	72.64	72.63	72.64	76.26	72.77	73.39
12	76.98	75.49	76.25	73.83	73.78	73.81	72.64	72.49	72.54	72.85	72.69	72.73
13	79.45	76.97	78.12	73.79	73.76	73.78	73.24	72.49	72.86	72.71	72.69	72.70
14	79.45	76.02	77.34	73.79	73.74	73.77	73.81	73.22	73.55	74.69	72.42	73.53
15	80.25	76.88	78.39	73.74	72.69	73.28	73.78	73.74	73.77	72.42	72.37	72.38
16	83.20	76.81	79.42	72.69	72.67	72.68	73.77	73.73	73.76	74.36	72.36	73.21
17	78.86	74.04	75.83	72.89	72.67	72.79	73.76	73.72	73.75	72.72	72.52	72.62
18	80.77	73.92	75.48	74.81	72.89	73.20	73.74	73.71	73.73	74.19	72.52	72.75
19	75.07	72.70	73.82	73.19	73.16	73.18	73.71	73.63	73.69	72.67	72.60	72.63
20	74.59	72.70	72.91	73.18	73.16	73.17	76.11	73.63	73.84	75.27	72.60	72.89
21	72.76	72.74	72.75	73.58	73.17	73.45	78.97	73.68	74.51	72.81	72.74	72.78
22	78.81	72.74	73.45	74.86	73.57	73.89	75.54	73.83	73.98	72.80	72.75	72.77
23	76.48	73.46	73.61	75.13	74.39	74.78	79.28	73.20	73.96	72.81	72.76	72.78
24	73.47	72.57	72.91	76.04	72.71	73.54	73.70	73.19	73.28	76.72	72.76	74.55
25	73.24	72.56	72.75	72.76	72.71	72.73	73.27	73.19	73.23	75.01	72.73	73.92
26	81.74	73.08	76.78	72.73	72.70	72.72	73.23	73.19	73.21	72.73	72.06	72.19
27	81.76	73.11	75.95	72.71	72.69	72.70	73.25	73.15	73.20	72.12	71.91	72.03
28	---	---	---	72.70	72.68	72.69	73.21	73.14	73.17	72.11	72.03	72.08
29	---	---	---	72.71	72.67	72.69	73.23	73.15	73.18	72.15	72.07	72.11
30	---	---	---	80.35	72.71	74.71	73.20	73.14	73.16	72.14	71.61	71.93
31	---	---	---	74.45	72.53	72.70	---	---	---	71.61	71.59	71.60
MONTH	---	---	---	---	---	---	79.28	72.49	73.24	78.78	71.59	72.96

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	73.17	71.59	72.37	74.72	72.51	73.38	72.55	72.52	72.53	72.55	72.54	72.54
2	72.76	72.72	72.74	72.51	72.51	72.51	72.58	72.53	72.55	72.55	72.54	72.54
3	72.75	72.72	72.74	72.52	72.51	72.51	73.92	72.50	72.79	72.55	72.54	72.55
4	72.84	72.72	72.80	72.52	72.51	72.52	75.70	72.48	73.04	72.56	72.55	72.55
5	72.87	72.82	72.85	72.51	72.49	72.50	72.93	72.43	72.78	72.57	72.55	72.56
6	72.88	72.85	72.87	72.52	72.49	72.50	73.04	72.44	72.92	72.58	72.56	72.57
7	72.88	72.33	72.67	72.52	72.50	72.51	72.99	72.98	72.98	72.78	72.57	72.63
8	72.43	72.32	72.36	72.51	72.49	72.50	72.99	72.98	72.98	75.55	72.60	73.70
9	72.45	72.42	72.44	72.52	72.49	72.50	72.99	72.53	72.74	75.56	75.50	75.54
10	72.45	72.44	72.44	72.51	72.48	72.50	72.90	72.54	72.59	76.51	75.50	75.97
11	72.44	72.43	72.44	72.51	72.48	72.49	72.56	72.54	72.55	76.57	76.49	76.53
12	75.15	71.79	72.55	72.50	72.48	72.49	72.68	72.55	72.59	76.59	76.48	76.53
13	71.79	71.63	71.67	72.49	72.47	72.48	72.63	72.58	72.59	76.59	76.50	76.54
14	72.50	71.61	72.14	72.48	72.46	72.47	72.61	72.58	72.60	76.58	76.52	76.55
15	73.25	72.34	72.80	72.49	72.46	72.47	72.62	72.60	72.61	80.33	76.52	77.65
16	73.19	72.81	72.92	72.47	72.45	72.46	72.66	72.61	72.63	80.40	76.12	77.67
17	79.57	72.78	73.56	73.24	72.45	72.48	72.75	72.64	72.68	76.90	75.39	76.34
18	73.67	72.77	72.99	73.25	72.59	72.84	72.70	72.62	72.67	75.42	75.33	75.38
19	75.02	72.82	73.19	72.59	72.58	72.58	72.67	72.56	72.62	75.41	74.26	74.83
20	74.96	72.67	73.05	72.58	72.47	72.54	72.63	72.58	72.61	74.33	74.27	74.30
21	72.76	72.69	72.72	72.47	72.41	72.45	72.63	72.60	72.62	74.33	74.27	74.30
22	72.75	72.54	72.63	72.44	72.42	72.43	72.64	72.61	72.62	75.09	74.26	74.39
23	72.56	72.54	72.54	72.45	72.42	72.44	72.67	72.62	72.63	74.42	72.76	73.69
24	72.55	72.54	72.54	72.45	72.42	72.44	72.62	72.43	72.51	72.84	72.51	72.65
25	72.55	72.54	72.55	72.45	72.42	72.44	72.45	72.43	72.44	72.75	72.52	72.58
26	72.55	72.55	72.55	72.44	72.41	72.42	72.59	72.39	72.51	72.98	72.52	72.68
27	72.71	72.53	72.58	72.42	72.40	72.41	72.54	72.52	72.53	76.42	72.98	74.72
28	72.65	72.55	72.58	72.42	72.39	72.41	72.53	72.38	72.45	79.56	75.29	76.07
29	72.56	72.54	72.55	72.43	72.39	72.42	75.19	72.38	72.59	84.30	79.16	81.82
30	72.75	72.55	72.63	72.77	72.41	72.50	72.55	72.36	72.49	79.26	72.58	75.19
31	---	---	---	72.54	72.52	72.53	72.70	72.53	72.56	---	---	---
MONTH	79.57	71.59	72.65	74.72	72.39	72.52	75.70	72.36	72.65	84.30	72.51	74.79

SANTEE RIVER BASIN

02168504 SALUDA RIVER BELOW LAKE MURRAY NEAR COLUMBIA, SC

LOCATION.--Lat 34°03'03'', long 81°12'35'', Lexington County, Hydrologic Unit 03050109, on left bank, approximately 1000 ft downstream from Lake Murray Dam on Saluda River, and at mile 9.7.

DRAINAGE AREA.--2,420 mi², approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1988 to current year.

GAGE.--Data collection platform. Elevation of gage is 170 ft above NGVD of 1929 (from topographic map).

REMARKS.--No estimated daily discharges. Records good. Flow regulated by Lake Murray (see sta 02168500). Water diverted above station by City of Columbia for municipal supply.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1130	874	748	2330	1990	682	726	1380	509	1130	560	562
2	828	876	781	1530	1150	728	699	765	617	534	566	562
3	711	862	791	962	1290	715	688	763	614	536	717	564
4	647	1020	889	960	1670	498	676	1050	651	538	966	566
5	643	1210	1070	953	2080	1320	668	760	680	528	685	569
6	761	1210	1120	1160	2360	513	620	760	694	533	763	570
7	898	1200	1060	1330	4390	699	555	1080	597	537	795	598
8	904	1210	967	1340	4500	1020	539	2930	455	531	795	1710
9	888	1220	990	1350	5140	1250	538	644	481	534	662	3460
10	859	1220	1060	1360	5400	1270	538	629	483	532	586	3920
11	831	1180	1220	2370	3590	1370	536	1060	484	536	566	4480
12	835	1130	1220	2340	3560	1190	494	593	606	533	585	4490
13	823	987	1220	2470	6090	1170	646	580	243	528	582	4500
14	1380	1110	1720	1640	4830	1150	1010	1200	394	527	585	4510
15	1250	905	2120	997	6550	858	1130	476	667	531	589	6070
16	1060	868	1950	1000	8010	551	1120	1010	718	526	597	5900
17	785	707	1920	1010	3260	599	1110	543	1450	541	615	4280
18	783	418	2400	1010	3040	839	1100	614	768	704	605	3300
19	789	419	2510	1010	1460	787	1080	550	951	579	584	2810
20	1030	522	2450	1030	688	783	1230	733	869	559	577	2360
21	1080	564	2430	1390	582	948	1960	615	625	524	580	2360
22	1060	815	2420	1420	1380	1270	1300	612	579	517	585	2430
23	1230	556	2390	1070	1100	2160	1590	616	539	518	590	1510
24	1130	552	2340	1100	714	1100	829	2100	542	520	540	610
25	988	552	2340	1250	598	570	808	1370	544	521	510	575
26	1090	555	2340	1650	5180	561	800	377	545	513	540	621
27	1060	555	2340	1640	3670	553	793	322	559	506	551	2630
28	820	538	2360	2020	2650	550	780	338	559	507	517	4210
29	665	655	2340	2360	1330	550	789	354	549	511	658	12200
30	776	643	2330	2490	---	2540	779	304	578	545	541	3140
31	880	---	2320	2490	---	535	---	214	---	558	569	---
TOTAL	28614	25133	54156	47032	88252	29329	26131	25342	18550	17237	19161	86067
MEAN	923	838	1747	1517	3043	946	871	817	618	556	618	2869
MAX	1380	1220	2510	2490	8010	2540	1960	2930	1450	1130	966	12200
MIN	643	418	748	953	582	498	494	214	243	506	510	562
CFSM	0.38	0.35	0.72	0.63	1.26	0.39	0.36	0.34	0.26	0.23	0.26	1.19
IN.	0.44	0.39	0.83	0.72	1.36	0.45	0.40	0.39	0.29	0.26	0.29	1.32

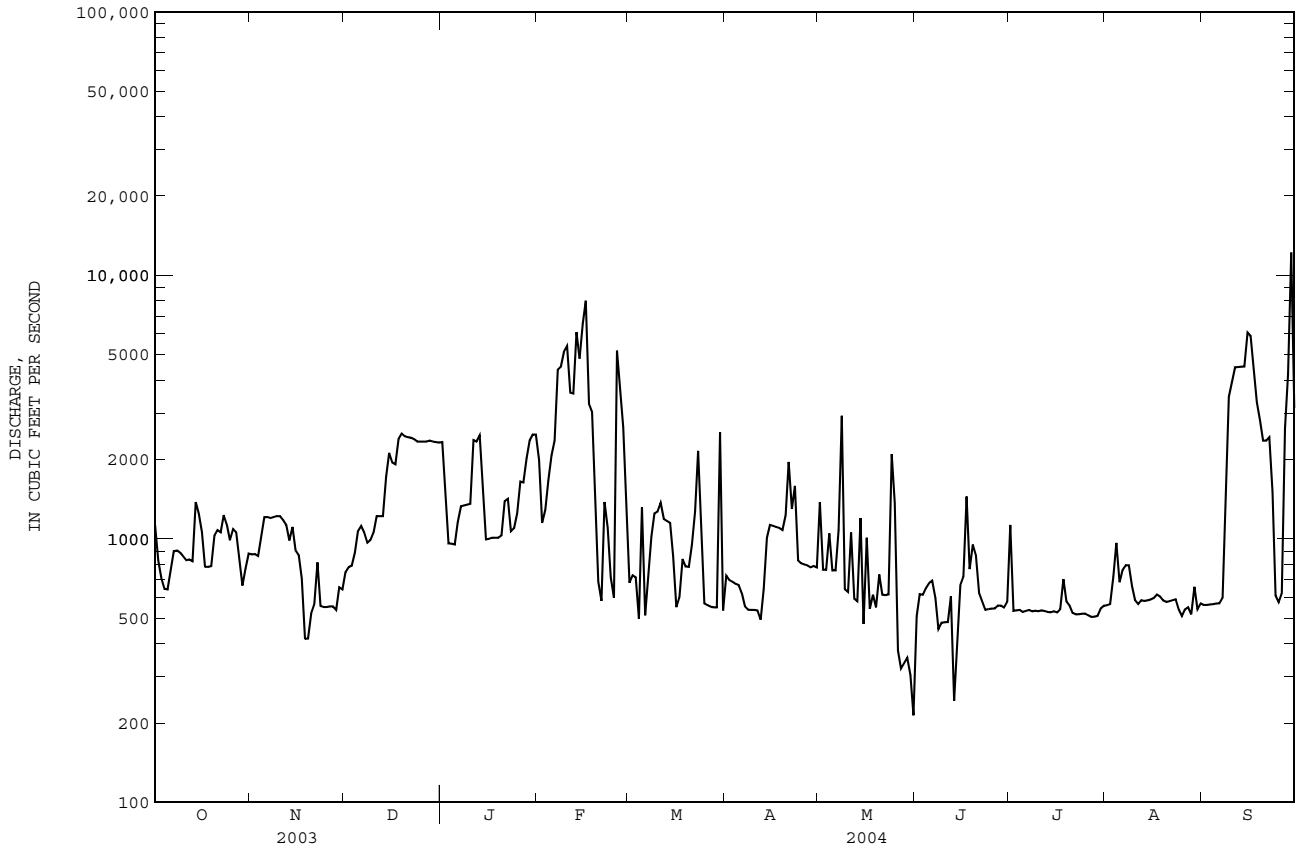
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 2004, BY WATER YEAR (WY)

	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
MEAN	2347	2110	2318	2837	3494	3800	2382	1806	1762	2153	2467	2680				
MAX	5467	4579	5773	8890	8396	10150	6748	5466	3241	4321	5805	7837				
(WY)	1991	1993	1993	1993	1998	2003	2003	2003	2003	2003	1994	1996				
MIN	923	421	370	396	590	518	497	470	466	556	618	675				
(WY)	2004	2000	1991	1989	2001	2001	1995	1999	1999	2004	2004	1999				

02168504 SALUDA RIVER BELOW LAKE MURRAY NEAR COLUMBIA, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1989 - 2004	
ANNUAL TOTAL	1376856		465004		2509	
ANNUAL MEAN	3772		1271		4328	
HIGHEST ANNUAL MEAN					1037	
LOWEST ANNUAL MEAN					2002	
HIGHEST DAILY MEAN	18600	Mar 7	12200	Sep 29	21800	Jan 16 1995
LOWEST DAILY MEAN	418	Nov 18	214	May 31	155	a Sep 24 1989
ANNUAL SEVEN-DAY MINIMUM	549	Nov 18	345	May 26	168	Jan 12 1989
MAXIMUM PEAK FLOW			17100		22400	
MAXIMUM PEAK STAGE			14.52		b 16.01	
ANNUAL RUNOFF (CFSM)	1.56		0.525		1.04	
ANNUAL RUNOFF (INCHES)	21.16		7.15		14.08	
10 PERCENT EXCEEDS	9030		2460		5800	
50 PERCENT EXCEEDS	2450		812		1570	
90 PERCENT EXCEEDS	851		531		446	

a Also occurred Sep. 25, 29, 1989.
 b Caused by backwater from spillway floodgates.



02168504 SALUDA RIVER BELOW LAKE MURRAY NEAR COLUMBIA, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1985, 1987 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: October 1984 to September 1985, October 1987 to current year.

DISSOLVED OXYGEN: October 1987 to current year.

INSTRUMENTATION.--Water-quality multiprobe and data collection platform.

REMARKS.--Temperature records rated excellent. Dissolved oxygen records rated good except for Mar. 1-4, Apr. 5, 6, 26, 27, June 13-21, July 4-8, Aug. 3, 9-11, Sep. 5-8, 22-25, which are fair, and Apr. 7, Aug. 12, 30, 31, Sep. 9-13, 26-29, which are poor. Temperature records prior to Oct. 1984 are in files of the U.S. Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 25.0 C, Oct. 9, 10, Sep. 21, 1991; minimum, 6.5 C on many days during Feb. and Mar. 1985, Feb. 5, 6, 1994.

DISSOLVED OXYGEN: Maximum, 14.3 mg/L, Feb. 11, 2001; minimum, 0.1 mg/L on many days 1987-99.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 24.1 C, Oct. 12; minimum, 7.7°C, Feb. 26.

DISSOLVED OXYGEN: Maximum, 13.3 mg/L, Feb. 27; minimum, 0.2 mg/L, Aug. 30.

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	22.8	21.4	22.0	21.4	20.4	20.8	17.0	15.8	16.3	10.4	10.1	10.3
2	22.8	21.8	22.1	21.4	20.4	20.7	16.8	15.7	16.1	10.3	9.9	10.1
3	23.2	21.6	22.2	21.3	20.3	20.7	16.0	15.5	15.7	10.4	9.8	10.0
4	23.1	21.7	22.2	21.1	20.5	20.7	15.7	15.4	15.6	10.2	9.8	9.9
5	23.2	21.6	22.3	21.0	20.4	20.6	15.6	15.2	15.5	10.2	9.8	10.0
6	24.0	22.0	22.9	20.9	20.4	20.6	15.7	15.1	15.3	10.2	9.7	9.8
7	23.7	22.9	23.3	20.6	20.4	20.5	15.4	14.7	15.1	10.0	9.6	9.7
8	---	23.2	---	20.4	20.1	20.5	15.2	14.3	14.7	9.9	9.6	9.7
9	23.8	23.2	23.4	20.3	19.7	20.0	14.8	14.2	14.4	9.7	9.5	9.6
10	23.6	23.1	23.4	20.1	19.4	19.7	14.4	13.8	14.2	9.7	9.4	9.6
11	23.5	23.4	23.4	20.0	19.4	19.6	14.7	13.8	14.2	9.6	9.4	9.5
12	24.1	23.1	23.5	20.0	19.4	19.6	14.3	13.8	14.0	10.1	9.5	9.7
13	24.0	22.9	23.4	19.9	19.0	19.5	13.9	13.7	13.8	9.9	9.6	9.8
14	23.3	22.8	23.1	19.6	18.8	19.1	13.7	13.4	13.6	10.1	9.6	9.8
15	23.5	22.7	23.0	19.5	18.5	18.9	13.7	13.2	13.4	10.4	9.6	9.9
16	23.5	22.4	22.8	19.3	18.5	18.8	13.3	13.0	13.1	10.2	9.6	9.8
17	23.4	22.3	22.8	19.5	18.3	18.8	13.2	12.9	13.0	10.1	9.6	9.8
18	23.5	22.4	22.7	19.3	18.2	18.6	13.1	12.8	12.9	10.4	9.8	10.1
19	23.4	22.3	22.6	19.0	17.8	18.5	12.9	12.4	12.6	10.5	9.9	10.2
20	23.1	22.2	22.5	19.2	17.8	18.2	12.5	12.1	12.3	10.5	9.8	10.1
21	23.0	22.4	22.6	19.2	17.8	18.3	12.4	11.9	12.1	10.5	9.9	10.1
22	22.8	22.0	22.3	19.2	17.8	18.3	12.1	11.7	11.9	10.7	10.0	10.2
23	22.5	21.8	22.1	19.2	17.7	18.2	11.9	11.5	11.6	10.6	9.9	10.1
24	22.6	21.4	22.0	18.4	17.2	17.8	11.7	11.3	11.5	10.5	9.9	10.1
25	22.0	21.2	21.5	18.7	17.3	17.7	11.6	11.2	11.4	10.1	9.8	9.9
26	21.6	21.2	21.4	18.5	17.2	17.6	11.4	11.1	11.2	9.8	9.7	9.7
27	21.4	21.2	21.3	18.1	17.2	17.5	11.4	11.0	11.1	9.7	9.5	9.6
28	21.2	20.7	21.1	17.8	16.0	17.2	11.2	10.8	10.9	9.6	9.2	9.4
29	21.7	20.6	20.9	17.2	15.8	16.4	10.9	10.6	10.7	9.4	9.1	9.2
30	21.5	20.3	20.8	17.3	16.0	16.4	11.1	10.4	10.6	9.3	9.1	9.2
31	21.5	20.5	20.8	---	---	---	10.6	10.2	10.4	9.2	8.8	9.0
MONTH	---	20.3	---	21.4	15.8	19.0	17.0	10.2	13.2	10.7	8.8	9.8

SANTEE RIVER BASIN

02168504 SALUDA RIVER BELOW LAKE MURRAY NEAR COLUMBIA, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	9.1	8.6	8.8	9.2	8.4	8.7	10.3	9.5	9.8	11.6	10.9	11.3
2	8.9	8.6	8.7	9.4	8.5	8.8	10.2	9.5	9.8	12.0	11.2	11.4
3	9.1	8.4	8.7	9.8	8.5	8.8	10.6	9.6	10.0	12.0	11.1	11.5
4	8.9	8.4	8.6	9.5	8.7	8.9	10.7	9.5	10.0	11.9	11.1	11.4
5	8.4	8.1	8.3	9.9	8.2	9.1	10.7	9.6	10.0	12.1	11.2	11.6
6	8.3	8.1	8.2	9.7	8.5	9.2	10.7	9.7	10.1	12.2	11.3	11.6
7	9.3	8.1	8.8	9.4	8.5	8.9	10.9	9.9	10.3	12.3	11.4	11.7
8	9.0	8.5	8.8	9.6	8.3	8.7	10.7	9.9	10.3	12.2	11.4	11.7
9	8.6	8.3	8.5	8.9	8.3	8.6	11.3	10.0	10.5	12.6	11.5	11.9
10	8.5	8.3	8.4	9.1	8.6	8.8	11.4	10.1	10.5	12.4	11.3	11.7
11	8.6	8.4	8.5	9.1	8.6	8.8	11.2	10.2	10.6	12.0	11.4	11.6
12	8.4	8.1	8.3	9.0	8.5	8.7	10.9	10.4	10.6	12.2	11.5	11.7
13	8.2	8.0	8.1	9.2	8.5	8.7	11.0	10.0	10.6	12.6	11.6	11.9
14	8.4	8.1	8.2	9.1	8.6	8.8	10.7	10.0	10.3	12.5	11.6	12.0
15	8.2	7.9	8.0	9.4	8.7	9.0	10.9	10.1	10.4	13.8	11.9	12.4
16	8.2	7.8	8.0	9.8	9.2	9.4	10.8	10.2	10.4	12.9	11.9	12.2
17	8.3	8.0	8.1	9.9	9.0	9.3	11.1	10.2	10.5	13.6	12.0	12.5
18	8.8	8.0	8.3	9.6	8.9	9.2	11.1	10.3	10.6	13.2	12.0	12.4
19	9.4	8.0	8.4	9.8	8.9	9.2	11.1	10.4	10.6	12.8	12.1	12.4
20	9.4	8.0	8.6	9.6	8.9	9.2	12.4	10.4	10.8	13.3	12.1	12.4
21	9.5	8.2	8.7	9.7	9.0	9.3	11.6	10.4	10.9	13.1	12.1	12.5
22	9.0	7.9	8.3	9.7	9.1	9.3	10.7	10.1	10.5	13.1	12.2	12.4
23	8.5	7.9	8.1	9.4	9.0	9.2	11.3	10.3	10.8	13.1	12.2	12.5
24	9.1	8.1	8.5	10.3	9.1	9.6	11.7	10.6	11.0	13.2	12.2	12.6
25	8.8	8.2	8.5	10.4	9.3	9.7	11.6	10.7	11.1	13.3	12.2	12.8
26	8.2	7.7	8.1	10.7	9.3	9.8	11.4	10.9	11.0	14.6	12.4	13.4
27	8.6	8.0	8.2	10.4	9.0	9.5	11.6	10.8	11.1	14.7	12.9	13.7
28	8.6	8.0	8.2	10.4	9.3	9.7	11.7	10.8	11.1	14.7	12.9	13.6
29	9.4	8.1	8.5	10.4	9.3	9.7	11.8	10.8	11.2	14.0	12.6	13.0
30	---	---	---	9.9	9.2	9.6	11.6	10.9	11.2	15.1	12.6	13.7
31	---	---	---	10.7	9.6	10.0	---	---	---	15.9	13.3	14.4
MONTH	9.5	7.7	8.4	10.7	8.2	9.2	12.4	9.5	10.6	15.9	10.9	12.3

Temperature, water, degrees Celsius												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	14.0	12.6	13.3	14.2	13.2	13.6	16.1	14.5	15.0	16.2	15.2	15.5
2	13.5	12.5	12.9	15.0	13.8	14.2	16.5	14.6	15.1	16.2	15.2	15.4
3	13.7	12.6	13.0	15.2	13.8	14.2	15.6	14.4	14.7	17.0	15.2	15.7
4	13.5	12.7	13.0	15.2	13.8	14.3	15.8	14.3	14.7	16.7	15.1	15.5
5	13.6	12.6	12.9	15.6	13.9	14.5	15.7	14.4	14.9	17.1	15.2	15.7
6	13.5	12.7	13.0	15.2	13.9	14.4	15.7	14.3	14.7	15.9	15.2	15.5
7	14.6	12.7	13.3	15.2	14.0	14.4	15.2	14.0	14.5	16.2	15.4	15.7
8	15.2	13.0	13.6	15.4	14.1	14.6	15.2	14.2	14.6	15.8	14.8	15.4
9	14.7	13.0	13.4	15.4	14.0	14.5	15.6	14.1	14.7	15.3	14.9	15.1
10	14.5	13.1	13.6	15.4	14.1	14.6	15.6	14.4	14.8	15.3	14.9	15.1
11	14.5	13.2	13.7	15.7	13.8	14.6	15.8	14.5	15.0	15.4	15.1	15.2
12	15.1	12.5	13.8	15.5	14.1	14.6	15.4	14.8	15.0	15.4	14.9	15.2
13	16.6	14.3	15.3	15.6	14.1	14.6	15.4	14.6	14.9	15.4	15.3	15.4
14	14.8	13.3	14.1	15.7	14.3	14.8	15.9	14.4	14.9	15.4	15.2	15.3
15	13.7	13.0	13.4	15.6	14.2	14.7	15.2	14.7	14.9	15.5	15.1	15.3
16	14.3	13.0	13.5	15.6	14.1	14.7	15.9	14.6	15.1	15.6	15.1	15.4
17	13.9	13.0	13.3	15.8	14.2	14.6	15.6	14.8	15.0	15.7	15.2	15.5
18	14.0	13.0	13.4	15.8	14.2	14.9	15.9	14.8	15.2	15.4	15.1	15.2
19	14.0	12.9	13.3	15.4	14.0	14.5	16.0	14.7	15.2	15.4	15.0	15.1
20	14.4	13.1	13.4	15.6	14.2	14.7	16.0	14.9	15.3	15.4	15.0	15.2
21	13.8	13.3	13.4	16.3	14.3	14.8	16.0	15.0	15.3	15.5	15.0	15.2
22	14.7	13.2	13.8	15.9	14.3	14.8	15.8	14.8	15.2	15.5	15.1	15.3
23	14.8	13.6	14.0	15.7	14.4	14.9	16.2	14.7	15.3	15.9	15.2	15.5
24	14.5	13.5	13.9	16.4	14.4	15.0	16.4	14.6	15.2	17.0	15.4	16.0
25	14.8	13.5	13.9	16.4	14.4	15.0	16.7	14.6	15.3	16.4	15.0	15.4
26	15.1	13.6	14.0	15.4	14.5	14.8	16.6	14.7	15.4	16.3	15.0	15.4
27	14.7	13.6	14.0	15.7	14.5	14.9	17.0	15.0	15.6	15.6	15.1	15.2
28	14.5	13.7	14.1	16.1	14.5	15.0	17.0	15.1	15.7	15.6	15.1	15.3
29	15.3	13.7	14.2	15.4	14.5	14.8	15.8	14.7	15.4	16.1	15.3	15.7
30	14.7	13.7	13.9	16.6	14.5	15.2	16.5	15.0	15.7	16.7	15.2	15.7
31	---	---	---	16.4	14.4	15.1	16.6	15.2	15.4	---	---	---
MONTH	16.6	12.5	13.6	16.6	13.2	14.7	17.0	14.0	15.1	17.1	14.8	15.4

SANTEE RIVER BASIN

02168504 SALUDA RIVER BELOW LAKE MURRAY NEAR COLUMBIA, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	4.8	3.5	4.4	10.2	9.4	9.7	---	---	---	10.4	9.8	10.1
2	4.8	4.0	4.4	10.1	9.3	9.6	10.8	10.1	10.3	10.2	8.8	9.6
3	4.8	4.0	4.4	10.0	9.3	9.6	10.8	10.1	10.3	9.6	8.7	9.0
4	4.8	3.9	4.4	10.0	7.2	9.3	10.4	10.0	10.2	9.5	8.7	9.0
5	4.7	3.8	4.2	9.5	9.0	9.2	10.3	8.7	9.6	9.7	8.6	9.2
6	6.4	3.8	5.1	9.5	9.0	9.1	9.2	8.7	8.9	9.9	9.2	9.5
7	6.4	5.5	6.0	9.3	8.9	9.1	10.2	8.7	9.2	9.9	9.2	9.4
8	---	6.3	---	9.4	9.0	9.2	10.7	10.2	10.4	9.9	9.2	9.4
9	7.6	7.0	7.3	9.6	9.1	9.3	10.8	10.2	10.4	9.4	9.2	9.2
10	7.6	7.0	7.2	9.6	9.2	9.3	10.5	9.2	10.0	9.7	9.2	9.3
11	7.4	7.0	7.2	9.7	9.0	9.3	9.9	9.4	9.6	10.8	9.2	9.8
12	7.7	6.8	7.3	10.0	9.2	9.6	9.8	9.4	9.6	10.8	9.3	10.0
13	8.0	7.1	7.6	---	---	---	9.6	9.4	9.5	9.7	9.2	9.4
14	7.9	4.4	7.2	---	---	---	10.6	9.2	9.7	11.9	9.2	9.8
15	8.0	7.3	7.7	---	---	---	10.8	9.3	10.3	10.3	9.1	9.6
16	8.1	5.7	7.1	---	---	---	10.4	10.2	10.4	10.1	9.2	9.5
17	7.0	5.5	6.4	---	---	---	10.4	10.2	10.3	10.1	9.1	9.4
18	7.8	7.0	7.4	8.6	7.7	8.1	10.7	10.4	10.6	10.4	9.1	9.7
19	8.1	7.5	7.7	8.3	7.6	7.8	10.9	9.9	10.5	10.8	9.4	10.0
20	8.8	7.6	8.3	8.7	7.8	8.1	10.6	10.3	10.4	11.5	9.7	10.5
21	8.8	8.3	8.5	8.6	7.7	8.0	10.8	10.5	10.6	12.0	10.2	11.0
22	9.5	8.3	---	8.6	7.7	8.1	10.8	10.5	10.6	12.2	10.5	11.3
23	---	---	---	---	---	---	10.8	9.9	10.3	11.8	10.7	11.1
24	9.7	8.8	9.2	---	---	---	10.3	9.9	10.1	11.8	10.8	11.1
25	10.0	9.1	9.4	---	---	---	10.3	10.0	10.1	11.4	10.9	11.1
26	9.6	8.8	9.3	---	---	---	10.3	10.0	10.1	11.6	11.3	11.4
27	9.6	9.0	9.3	---	---	---	10.4	10.0	10.2	11.7	11.4	11.5
28	9.6	9.1	9.4	---	---	---	10.3	10.0	10.2	11.5	10.8	11.1
29	10.4	9.3	9.7	---	---	---	10.2	10.0	10.1	11.1	10.7	10.9
30	10.1	9.3	9.7	---	---	---	10.6	9.9	10.1	10.9	10.6	10.7
31	10.2	9.4	9.7	---	---	---	10.4	10.0	10.2	11.0	10.6	10.8
MONTH	---	---	---	---	---	---	---	---	---	12.2	8.6	10.1

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	10.7	9.3	10.2	11.1	10.4	10.8	9.5	7.8	8.8	8.3	7.4	7.9
2	10.6	9.5	10.1	11.4	10.4	10.9	9.7	8.9	9.2	7.7	7.0	7.3
3	11.0	9.8	10.4	12.0	10.7	11.2	9.8	8.9	9.3	7.7	7.2	7.4
4	10.8	10.3	10.5	11.8	11.1	11.4	9.9	9.0	9.5	8.9	7.2	7.8
5	10.6	10.4	10.5	11.9	10.6	11.1	10.2	9.1	9.6	8.9	8.2	8.5
6	10.6	10.5	10.5	11.9	10.5	10.8	10.4	9.2	9.9	9.0	8.3	8.6
7	10.7	10.4	10.6	11.0	10.3	10.6	10.6	9.6	10.0	10.5	8.2	8.8
8	10.9	10.4	10.7	11.2	10.3	10.6	10.3	9.5	9.9	10.5	8.1	8.9
9	10.8	10.8	10.8	11.7	10.5	10.9	10.4	9.5	9.9	9.0	8.1	8.5
10	10.8	10.8	10.8	11.8	10.4	10.6	10.3	9.5	9.8	8.8	8.2	8.5
11	10.8	10.6	10.7	12.0	10.4	10.9	10.3	9.4	9.8	8.7	7.0	7.9
12	10.9	10.6	10.7	10.7	10.3	10.5	10.3	9.4	9.8	8.0	7.5	7.7
13	11.0	10.8	10.9	10.7	10.3	10.5	10.0	9.4	9.7	8.2	7.4	7.8
14	11.0	10.7	10.9	10.9	10.2	10.5	9.9	8.8	9.3	9.6	7.2	8.6
15	10.9	10.8	10.8	10.5	9.9	10.2	9.2	8.7	8.9	9.0	8.2	8.5
16	11.0	10.8	10.9	10.4	9.8	10.0	9.2	8.7	8.9	10.0	8.2	9.0
17	11.2	10.7	11.0	10.3	9.6	9.9	9.3	8.6	8.9	8.2	6.5	7.0
18	11.3	10.8	11.0	10.7	9.6	10.0	9.2	8.7	8.9	7.2	6.4	6.8
19	11.3	10.3	10.9	10.3	9.5	9.9	9.2	8.6	8.9	7.2	6.4	6.8
20	11.0	9.8	10.5	10.3	9.3	9.8	9.1	8.0	8.7	7.2	5.9	6.6
21	10.9	10.3	10.6	10.4	9.4	10.0	8.7	7.8	8.3	6.8	5.9	6.3
22	12.4	10.4	10.9	10.5	9.8	10.1	8.3	7.6	8.0	6.7	6.0	6.3
23	12.4	10.7	10.9	11.3	10.3	10.8	8.4	7.6	7.9	6.6	5.9	6.2
24	11.0	10.4	10.8	11.4	9.5	10.5	8.0	7.5	7.8	9.2	5.9	7.0
25	12.1	10.2	11.0	10.4	9.4	9.9	8.2	7.6	7.9	9.8	6.2	8.7
26	12.2	10.9	11.4	10.1	9.3	9.7	8.2	7.7	8.0	9.3	8.4	8.9
27	13.3	10.7	11.7	10.0	9.2	9.5	8.4	7.9	8.1	9.3	8.2	8.7
28	13.0	11.5	12.3	9.9	9.1	9.4	8.4	7.9	8.1	9.3	8.2	8.7
29	13.1	10.6	12.1	9.9	9.0	9.4	8.4	7.8	8.1	9.3	8.3	8.7
30	---	---	---	9.4	8.4	9.1	8.4	7.7	8.0	9.3	7.1	8.5
31	---	---	---	8.6	7.2	8.2	---	---	---	8.6	7.0	7.7
MONTH	13.3	9.3	10.9	12.0	7.2	10.2	10.6	7.5	8.9	10.5	5.9	7.9

SANTEE RIVER BASIN

02168504 SALUDA RIVER BELOW LAKE MURRAY NEAR COLUMBIA, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	9.7	7.2	8.6	8.1	5.7	6.9	9.4	7.4	8.1	7.3	6.2	6.6
2	9.9	9.3	9.5	8.7	7.5	8.0	9.6	7.3	8.1	7.4	6.2	6.6
3	9.9	9.3	9.5	8.7	7.6	8.0	---	---	---	7.8	6.2	6.8
4	9.8	9.2	9.4	8.7	7.6	8.0	---	---	---	7.7	6.3	6.8
5	9.8	9.2	9.5	8.8	7.6	8.1	---	---	---	8.0	6.4	6.9
6	9.8	9.2	9.4	8.9	7.7	8.1	---	---	---	7.6	6.3	6.7
7	10.0	8.4	9.3	8.9	7.6	8.2	---	---	---	7.1	6.4	6.7
8	9.7	8.3	8.8	8.9	7.5	8.1	---	---	---	7.3	4.5	---
9	9.3	8.4	8.7	8.8	7.5	8.0	---	---	---	---	---	---
10	9.3	8.3	8.7	8.9	7.5	8.1	8.3	6.4	7.3	7.0	6.3	6.5
11	9.3	8.3	8.7	9.0	7.5	8.1	8.3	6.6	7.3	6.5	6.0	6.3
12	9.3	5.8	8.1	9.0	7.5	8.1	7.2	6.6	7.0	6.3	6.0	6.2
13	7.1	5.6	6.3	9.0	7.4	8.0	7.6	6.6	7.0	6.4	6.0	6.2
14	8.7	5.7	7.3	8.9	7.4	8.0	8.0	6.6	7.0	6.3	6.1	6.2
15	8.6	6.3	7.4	8.9	7.4	8.0	7.5	6.7	7.0	6.4	0.9	4.4
16	8.8	7.7	8.2	9.0	7.2	7.9	8.2	6.5	7.2	6.0	0.8	4.5
17	9.7	5.8	8.1	8.9	7.3	7.9	7.7	6.5	7.0	6.4	5.6	6.0
18	9.7	8.0	8.9	9.6	7.4	8.5	8.2	6.5	7.1	6.7	6.4	6.5
19	10.8	6.2	9.3	8.8	7.3	7.9	8.1	6.4	7.1	7.0	6.5	6.7
20	9.4	7.0	8.6	8.8	7.3	7.9	8.0	6.3	7.0	7.0	6.6	6.8
21	8.7	8.0	8.3	9.3	7.3	8.0	7.6	6.2	6.8	7.1	6.6	6.8
22	8.6	7.4	8.0	9.0	7.2	7.9	7.5	6.2	6.7	7.5	6.6	6.9
23	8.1	7.3	7.7	9.0	7.2	7.9	7.8	6.3	6.9	6.7	5.7	6.3
24	8.0	7.4	7.7	9.5	7.3	8.0	8.1	6.3	7.0	7.2	5.2	6.1
25	8.1	7.3	7.7	9.6	7.3	8.1	8.2	6.2	6.9	7.0	5.0	5.8
26	8.3	7.4	7.7	9.2	7.3	7.9	7.7	5.9	6.7	6.3	4.7	5.5
27	8.3	7.4	7.8	9.2	7.2	8.0	7.6	5.9	6.5	6.5	4.9	5.5
28	8.2	7.4	7.8	9.4	7.3	8.0	7.5	5.8	6.5	5.7	0.9	5.0
29	8.5	7.5	7.9	8.8	7.2	7.9	7.0	0.6	5.6	1.8	0.6	1.2
30	8.8	7.5	7.8	9.4	7.2	8.0	---	0.2	---	7.7	1.6	4.7
31	---	---	---	9.4	7.2	8.1	---	---	---	---	---	---
MONTH	10.8	5.6	8.4	9.6	5.7	8.0	---	---	---	---	---	---

SANTEE RIVER BASIN

02168504 SALUDA RIVER BELOW LAKE MURRAY NEAR COLUMBIA, SC--Continued

PRECIPITATION RECORDS

PERIOD OF RECORD.--June 1990 to current year.

INSTRUMENTATION.--Tipping bucket raingage and data collection platform.

REMARKS.--Precipitation data collected during freezing periods may not be accurately reflected in daily record; consequently, winter record is poor.

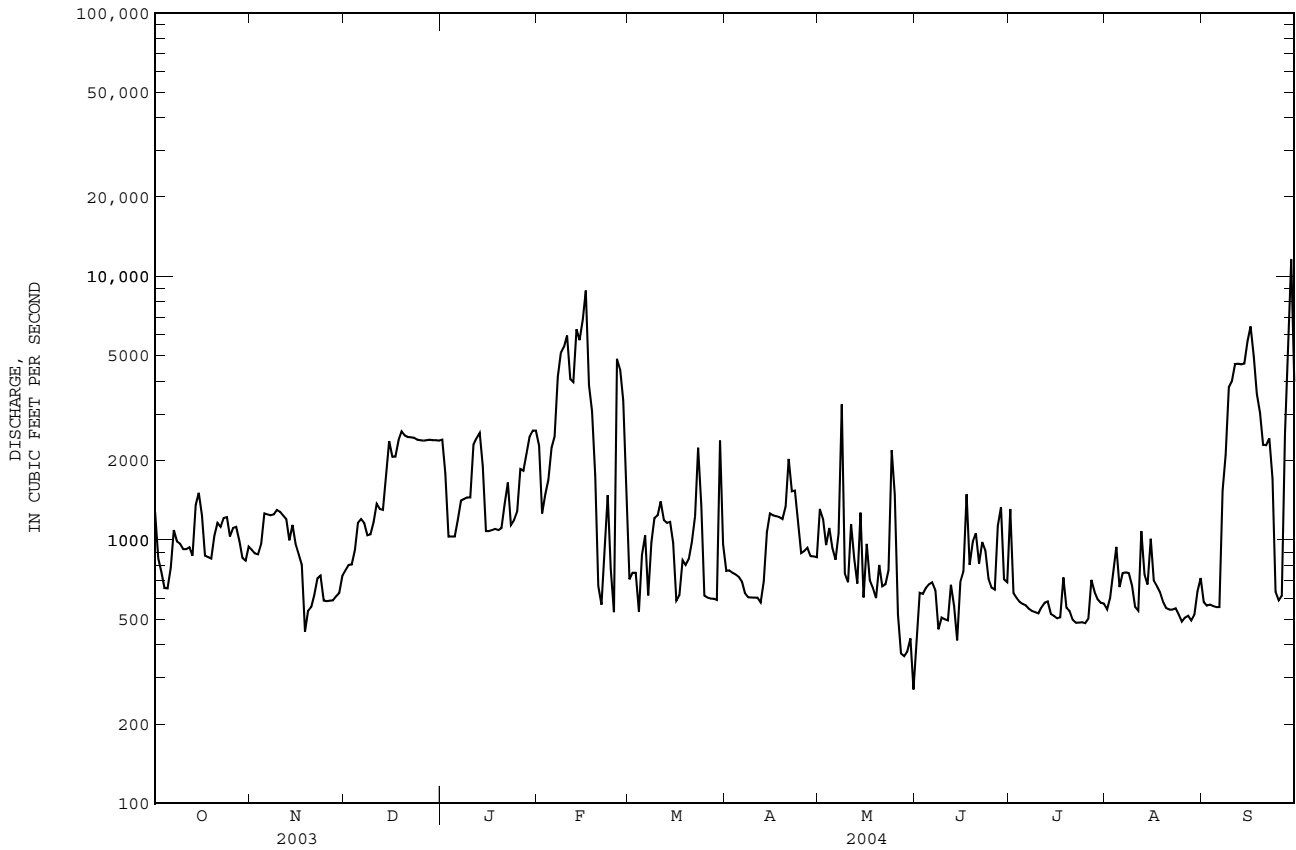
DAY	Precipitation, total, inches											
	WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00
2	0.00	0.00	0.00	0.00	0.41	0.00	0.00	0.94	0.00	0.00	0.49	0.00
3	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00	0.00	0.00
4	0.00	0.01	0.46	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.00
5	0.00	0.00	0.00	0.06	0.01	0.00	0.00	0.00	0.00	0.02	0.20	0.00
6	0.02	0.01	0.00	0.00	0.30	0.02	0.00	0.00	0.11	0.00	0.01	0.02
7	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.84
8	0.02	0.05	0.00	0.01	0.00	0.00	0.00	0.00	0.22	0.00	0.00	---
9	0.01	0.27	0.00	0.13	0.00	0.00	0.00	0.00	0.32	0.00	0.00	---
10	0.10	0.00	0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---
11	0.10	0.00	0.00	0.00	0.06	0.00	0.01	0.00	0.00	0.11	0.00	---
12	0.00	0.00	0.00	0.00	1.05	0.00	0.05	1.91	2.45	0.39	2.88	---
13	0.00	0.00	0.43	0.00	0.00	0.00	0.38	0.00	0.00	0.00	0.00	---
14	0.62	0.00	0.42	0.00	0.32	0.00	0.00	0.00	0.51	0.00	0.40	0.66
15	0.00	0.00	0.00	0.00	---	0.03	0.00	0.00	0.00	0.00	0.19	0.00
16	0.00	0.00	0.00	0.00	---	0.06	0.00	0.00	0.25	0.00	0.00	0.95
17	0.08	0.00	0.21	0.04	---	0.00	0.00	0.00	0.00	0.55	0.87	0.75
18	0.01	0.00	0.00	0.11	---	0.00	0.00	0.00	0.00	0.02	0.00	0.00
19	0.00	0.70	0.00	0.00	0.00	0.00	0.00	0.14	1.24	0.02	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.01	0.01	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.24	0.01	0.00	1.19	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.13	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.31	0.00	0.01	0.00
24	0.00	0.03	0.01	0.00	0.06	0.00	0.01	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.20	0.04	0.00	0.00	0.00	0.06	0.00	0.00	0.00
26	0.01	0.00	0.00	0.00	1.37	0.00	0.61	0.00	0.01	0.49	0.00	0.00
27	0.00	0.00	0.00	0.48	0.25	0.00	0.01	0.00	5.91	0.35	0.00	1.38
28	1.13	0.36	0.00	0.01	0.00	0.00	0.00	0.00	0.25	0.15	0.00	---
29	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.09	---
30	0.00	0.00	0.00	0.00	---	0.19	0.04	0.25	0.60	0.00	0.00	0.00
31	0.00	---	0.00	0.00	---	0.26	---	0.01	---	0.00	2.93	---
TOTAL	2.20	1.43	2.13	1.04	---	0.83	1.13	3.79	13.69	2.20	8.07	---

SANTEE RIVER BASIN

02169000 SALUDA RIVER NEAR COLUMBIA, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1925 - 2004	
ANNUAL TOTAL	1444812		498236		2797	
ANNUAL MEAN	3958		1361		5431	
HIGHEST ANNUAL MEAN					1936	
LOWEST ANNUAL MEAN					815	
HIGHEST DAILY MEAN	18900	a Mar 7	11600	Sep 29	62300	Oct 2 1929
LOWEST DAILY MEAN	449	Nov 18	271	May 31	12	Jul 13 1930
ANNUAL SEVEN-DAY MINIMUM	599	Nov 18	395	May 26	21	Aug 28 1930
MAXIMUM PEAK FLOW			15200	Feb 16	b 67000	Oct 2 1929
MAXIMUM PEAK STAGE			7.40	Feb 16	15.22	Oct 2 1929
INSTANTANEOUS LOW FLOW			257	May 31	11	Jul 13 1930
ANNUAL RUNOFF (CFSM)	1.57		0.540		1.11	
ANNUAL RUNOFF (INCHES)	21.33		7.35		15.08	
10 PERCENT EXCEEDS	9290		2480		6240	
50 PERCENT EXCEEDS	2560		923		1910	
90 PERCENT EXCEEDS	912		538		419	

a Also occurred Mar. 21.
 b From rating curve extended logarithmically above 36,000 ft³/s.
 e Estimated



02169000 SALUDA RIVER NEAR COLUMBIA, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1987 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: October 1984 to September 1986, July 1987 to current year.

DISSOLVED OXYGEN: July 1987 to current year.

INSTRUMENTATION.--Water-quality multiprobe and data collection platform. Prior to December 6, 2002, USGS mini-monitor at same location.

REMARKS.--Temperature records rated excellent. Dissolved oxygen records rated excellent except for Oct. 9, Nov. 10-12, Dec. 1, 13-19, Feb. 23-25, Apr. 20, 21, 28-30, May 1, June 13-21, June 29, 30 July 1-4, Aug. 20-25, which are good, Feb. 26-29, May 2-6, July 5-8, Aug. 26, which are fair, and Mar. 1-4, May 7-10, which are poor.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 29.5°C, June 15, 1989; minimum, 6.5°C, Jan. 27, Feb. 13, 1988.

DISSOLVED OXYGEN: Maximum, 14.4 mg/L, Feb. 28, 1994; minimum, 1.5 mg/L, Aug. 31, 1989.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 23.7°C, Oct. 12-14; minimum, 6.7°C, Feb. 26.

DISSOLVED OXYGEN: Maximum, 12.9 mg/L, Mar. 11; minimum, 2.7 mg/L, Sep. 16.

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	22.3	20.7	21.6	20.5	19.7	20.2	15.0	14.2	14.6	10.8	9.8	10.3
2	22.1	21.5	21.8	20.6	19.9	20.3	14.8	14.3	14.6	10.9	10.1	10.5
3	21.5	20.6	21.1	20.7	20.0	20.4	14.3	13.6	13.9	10.8	9.9	10.5
4	22.0	20.7	21.3	21.2	20.7	21.0	13.6	13.3	13.4	---	---	---
5	22.6	21.6	22.0	21.4	20.7	21.1	14.1	13.4	13.7	11.4	10.7	11.1
6	22.8	22.0	22.3	21.4	20.7	21.1	14.3	13.7	14.0	11.3	9.7	10.6
7	22.8	22.2	22.5	21.1	20.4	20.8	14.1	13.2	13.7	9.7	8.6	9.1
8	22.9	22.7	22.8	20.8	19.6	20.2	13.7	13.0	13.4	9.6	8.5	9.1
9	23.2	22.7	22.9	19.6	18.8	19.1	13.6	12.9	13.3	9.6	9.1	9.3
10	23.0	22.4	22.6	18.8	17.9	18.4	13.6	13.4	13.5	9.2	8.8	9.0
11	22.6	22.5	22.5	19.2	17.9	18.6	13.4	12.2	12.8	9.7	8.2	9.0
12	23.7	22.4	23.0	19.7	18.5	19.2	13.3	12.6	13.0	10.2	9.0	9.6
13	23.7	22.8	23.3	19.8	18.2	19.2	13.2	12.3	12.6	10.5	9.6	9.9
14	23.7	22.6	23.1	18.2	17.2	17.7	12.7	11.8	12.1	10.3	9.3	9.8
15	22.6	21.6	22.1	18.1	17.2	17.7	13.4	12.2	12.8	10.2	9.5	10.0
16	22.3	21.1	21.8	18.3	17.5	17.8	13.1	12.1	12.6	9.9	8.9	9.4
17	21.9	21.2	21.6	18.9	18.3	18.6	13.0	12.2	12.6	9.7	8.8	9.2
18	22.2	21.7	21.9	19.0	18.5	18.8	12.8	11.8	12.2	10.6	9.7	10.2
19	21.9	21.2	21.6	18.9	18.7	18.8	12.4	11.8	12.1	10.5	9.7	10.2
20	22.4	21.5	21.9	18.7	17.2	17.7	12.0	11.4	11.7	9.7	8.8	9.3
21	22.6	21.4	22.1	17.4	16.4	16.9	11.9	11.0	11.4	9.9	8.7	9.3
22	22.6	21.7	22.1	17.5	16.5	17.0	12.0	10.9	11.4	10.3	9.1	9.8
23	21.8	20.6	21.2	17.7	17.0	17.4	12.0	10.9	11.4	10.0	9.2	9.6
24	21.6	20.5	21.1	17.7	17.0	17.3	12.0	11.5	11.7	10.4	9.1	9.8
25	21.2	20.3	20.8	17.2	15.5	16.2	11.6	10.7	11.2	10.5	8.7	9.6
26	21.4	20.8	21.2	16.2	15.1	15.6	11.3	10.4	10.9	8.8	8.5	8.7
27	21.5	21.0	21.2	16.8	15.8	16.2	11.3	10.2	10.8	9.1	8.5	8.7
28	21.2	20.3	20.8	17.4	16.2	16.9	11.2	10.2	10.6	9.2	8.1	8.7
29	20.3	19.3	19.7	16.2	13.2	14.5	11.1	10.2	10.7	9.4	8.3	8.9
30	20.1	19.3	19.6	14.6	12.9	13.8	---	---	---	9.5	8.5	9.0
31	20.4	19.7	20.1	---	---	---	10.8	9.9	10.4	9.1	8.5	8.8
MONTH	23.7	19.3	21.7	21.4	12.9	18.3	---	---	---	---	---	---

SANTEE RIVER BASIN

02169000 SALUDA RIVER NEAR COLUMBIA, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	8.9	8.2	8.5	9.8	8.8	9.3	12.0	11.3	11.7	13.4	12.7	13.1
2	8.7	7.8	8.2	10.8	9.8	10.2	11.3	10.7	10.9	15.0	11.7	13.0
3	9.1	8.2	8.7	11.8	10.7	11.0	12.2	10.5	11.2	15.9	14.8	15.3
4	9.0	7.8	8.5	11.8	10.6	11.1	12.6	12.0	12.3	14.8	13.2	13.9
5	8.7	7.8	8.1	12.7	11.6	12.0	12.1	11.3	11.7	14.4	11.4	12.9
6	8.8	8.1	8.4	12.5	8.9	10.2	12.3	11.5	11.8	15.1	14.0	14.5
7	9.3	8.0	8.6	12.6	11.4	11.8	13.1	11.8	12.4	15.2	14.4	14.8
8	9.3	8.2	8.7	11.9	9.7	10.5	12.9	12.3	12.6	14.9	12.3	13.0
9	8.5	8.1	8.3	10.2	8.6	9.2	13.7	11.8	12.6	15.4	12.9	13.9
10	8.8	8.1	8.3	10.1	8.9	9.4	14.2	13.0	13.5	16.0	15.0	15.4
11	8.9	8.3	8.5	10.7	8.4	9.6	14.4	13.3	13.8	15.4	12.8	14.6
12	8.5	7.9	8.2	10.5	8.6	9.7	13.7	12.9	13.3	14.8	12.7	13.7
13	8.5	7.8	8.1	10.3	8.6	9.7	13.9	12.5	13.0	16.4	14.6	15.6
14	8.4	8.0	8.1	10.4	8.8	9.8	13.5	11.4	12.2	16.3	13.8	15.4
15	8.2	7.9	8.1	10.7	9.3	10.1	12.6	10.2	11.5	16.0	13.1	14.3
16	8.6	7.7	8.0	11.7	10.7	11.2	12.6	10.7	11.8	17.5	14.6	16.2
17	7.9	7.7	7.8	12.0	11.0	11.4	13.0	10.8	12.1	16.1	13.2	14.4
18	9.0	7.5	8.2	11.5	10.6	10.9	13.4	11.2	12.5	16.9	15.5	16.1
19	9.2	7.5	8.3	11.8	10.5	11.2	13.4	11.4	12.6	16.7	15.4	16.0
20	9.8	8.7	9.2	12.1	10.7	11.3	13.4	11.6	12.6	17.2	15.3	16.1
21	11.2	9.7	10.4	12.5	11.4	12.0	13.2	11.5	12.3	16.5	14.9	15.8
22	10.7	9.3	9.9	11.8	9.3	10.4	13.2	11.6	12.4	16.9	15.7	16.3
23	9.3	7.8	8.5	10.9	8.6	9.8	13.5	11.3	12.2	18.0	15.5	16.8
24	9.2	8.4	8.8	11.3	9.0	10.1	14.4	11.3	12.7	17.4	14.0	15.7
25	9.5	9.1	9.3	12.4	11.2	11.7	14.1	13.3	13.8	15.9	14.1	14.9
26	9.1	6.7	7.8	13.3	11.7	12.4	14.0	13.2	13.5	17.4	14.3	15.4
27	8.0	7.4	7.8	13.5	12.3	12.9	14.2	12.8	13.5	20.4	17.3	18.4
28	9.2	7.6	8.3	13.8	12.5	13.1	13.8	12.6	13.3	21.0	19.0	19.9
29	9.1	7.4	8.3	13.7	12.5	13.0	13.7	12.8	13.3	21.0	19.4	20.1
30	---	---	---	12.8	9.6	11.6	13.6	13.1	13.4	20.6	18.5	19.4
31	---	---	---	12.0	9.7	10.9	---	---	---	20.5	19.0	19.8
MONTH	11.2	6.7	8.5	13.8	8.4	10.9	14.4	10.2	12.6	21.0	11.4	15.6

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	21.4	20.2	20.6	18.3	15.7	16.9	20.6	19.4	19.9	19.9	19.1	19.5
2	20.7	17.0	18.0	18.8	15.7	17.1	20.6	18.9	19.6	19.2	18.5	18.8
3	17.6	16.5	17.0	19.8	18.5	19.0	21.9	19.5	20.6	20.1	18.1	19.0
4	17.4	16.6	17.0	20.3	18.5	19.3	19.6	17.7	18.6	20.0	18.8	19.3
5	16.9	16.4	16.6	21.1	18.9	19.8	19.2	16.7	17.9	20.3	18.4	19.3
6	16.5	16.1	16.2	21.3	19.6	20.3	19.1	18.4	18.9	19.7	18.8	19.3
7	17.2	15.9	16.4	20.8	19.1	19.9	18.4	17.3	17.7	22.3	18.7	20.3
8	18.7	16.4	17.4	20.9	19.0	19.9	17.6	16.9	17.2	23.2	16.6	21.8
9	18.4	17.1	17.5	21.0	19.1	20.0	17.6	16.9	17.2	17.4	16.1	16.6
10	18.6	16.4	17.3	21.3	19.2	20.1	18.6	17.0	17.7	16.9	15.4	16.1
11	20.4	17.6	18.7	20.8	19.3	20.0	18.9	17.3	18.1	16.4	15.3	15.7
12	21.2	18.3	19.4	20.3	18.8	19.6	20.5	18.4	19.1	---	---	---
13	20.3	16.9	18.0	21.8	18.8	20.2	21.3	19.6	20.5	---	---	---
14	21.8	20.3	21.3	21.4	19.5	20.4	19.6	18.5	18.9	15.7	15.4	15.5
15	21.2	18.8	19.6	21.6	19.6	20.5	20.6	18.8	20.1	16.2	15.4	15.7
16	18.8	17.0	17.6	20.6	19.1	19.8	20.1	18.8	19.4	16.9	15.7	16.2
17	18.7	14.2	17.3	19.6	18.4	19.0	19.7	18.2	19.1	17.3	16.2	16.7
18	18.2	14.2	16.1	18.7	18.1	18.4	19.9	18.2	19.0	17.1	15.9	16.4
19	17.9	16.5	17.2	19.6	17.9	18.6	20.3	18.9	19.5	17.0	15.4	16.1
20	20.6	16.5	18.1	19.7	17.9	18.7	20.3	18.8	19.5	16.5	14.9	15.7
21	18.0	16.1	16.8	20.2	18.2	19.1	20.2	18.9	19.5	16.8	15.0	15.8
22	20.4	17.4	18.8	20.1	18.4	19.2	19.5	18.5	19.1	17.2	15.2	16.0
23	22.2	20.4	21.3	20.2	18.7	19.4	19.4	17.9	18.6	17.0	15.2	16.2
24	21.7	19.6	20.6	20.8	18.6	19.7	19.8	18.4	19.0	17.8	17.0	17.4
25	20.2	19.0	19.5	20.8	19.0	19.9	20.3	18.3	19.3	19.3	17.7	18.4
26	19.9	18.7	19.3	20.3	19.0	19.7	20.6	18.9	19.7	18.6	17.8	18.2
27	20.2	18.2	18.9	21.1	18.2	19.3	20.5	18.9	19.6	18.2	16.3	17.4
28	22.4	20.0	22.0	22.0	20.4	21.3	20.8	18.9	19.8	17.5	16.2	16.9
29	21.3	19.9	20.5	20.8	19.8	20.2	20.0	18.9	19.4	17.7	15.5	17.0
30	20.5	17.6	19.3	21.1	19.6	20.3	19.2	17.5	18.3	18.6	16.4	17.4
31	---	---	---	21.5	19.8	20.5	20.8	19.1	19.6	---	---	---
MONTH	22.4	14.2	18.5	22.0	15.7	19.6	21.9	16.7	19.0	---	---	---

SANTEE RIVER BASIN

02169000 SALUDA RIVER NEAR COLUMBIA, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	6.5	5.6	6.0	9.1	8.2	8.6	9.3	8.9	9.1	11.4	10.6	10.9			
2	6.9	5.4	6.0	9.0	8.2	8.5	9.5	8.7	9.0	11.3	10.5	10.8			
3	7.1	5.8	6.3	9.0	8.2	8.5	9.5	8.9	9.1	10.8	9.8	10.4			
4	7.0	5.9	6.3	8.6	8.0	8.3	9.2	9.0	9.1	---	---	---			
5	6.9	5.8	6.3	8.6	7.7	8.2	9.2	8.9	9.0	10.0	9.1	9.6			
6	6.7	5.7	6.1	8.7	7.9	8.2	9.1	8.5	8.9	10.0	8.8	9.3			
7	7.1	5.8	6.5	8.7	8.0	8.3	9.3	8.7	9.0	10.2	9.0	9.5			
8	7.1	6.4	6.7	8.5	8.0	8.2	9.9	8.7	9.3	10.1	9.0	9.5			
9	7.4	6.7	6.9	9.0	8.2	---	10.0	9.3	9.6	9.4	8.8	9.0			
10	7.0	6.6	6.7	9.2	8.6	8.9	9.5	9.1	9.3	9.9	8.8	9.3			
11	7.0	6.6	6.8	9.2	8.5	8.8	9.6	8.9	9.3	10.0	8.9	9.4			
12	7.6	6.8	7.1	9.1	8.3	8.7	9.8	9.1	9.4	10.6	9.6	10.0			
13	7.8	6.8	7.2	8.9	8.1	8.5	9.6	9.1	9.4	10.4	9.6	9.9			
14	7.3	6.9	7.0	9.3	8.4	8.9	9.5	9.2	9.3	10.5	9.5	10.0			
15	8.0	6.1	7.1	9.3	8.5	8.9	10.0	9.0	9.6	10.0	8.8	9.5			
16	8.2	7.4	7.8	9.3	8.6	8.9	10.3	9.9	10.0	9.4	7.6	8.3			
17	7.6	6.5	7.2	9.2	8.4	8.8	10.2	9.8	10.0	8.6	7.5	8.0			
18	7.6	6.5	7.0	8.7	8.2	8.5	10.6	10.0	10.2	8.0	7.1	7.6			
19	8.3	7.2	7.7	8.4	7.5	7.9	11.0	10.0	10.4	8.6	7.2	7.9			
20	8.4	7.6	7.9	8.4	7.2	7.7	10.9	10.4	10.7	10.5	7.8	9.5			
21	8.7	7.8	8.2	8.7	8.1	8.3	11.1	10.6	10.8	10.8	9.3	10.0			
22	8.6	7.7	8.1	8.8	8.1	8.4	11.1	10.5	10.8	10.9	9.6	10.2			
23	8.8	7.9	8.3	8.9	8.2	8.5	11.1	10.5	10.7	10.7	9.2	10.0			
24	8.6	7.8	8.2	8.7	8.2	8.4	10.8	10.3	10.6	---	---	---			
25	8.9	7.8	8.3	9.1	8.1	8.5	11.1	10.4	10.7	---	---	---			
26	8.8	8.0	8.3	9.3	8.5	8.9	11.2	10.6	10.8	---	---	---			
27	8.5	7.9	8.2	9.1	8.5	8.8	11.3	10.5	10.9	---	---	---			
28	8.2	7.8	8.0	8.7	8.3	8.5	---	10.6	---	---	---	---			
29	8.5	7.6	8.0	9.6	8.2	8.8	11.3	10.6	10.8	---	---	---			
30	8.8	8.1	8.4	9.6	9.1	9.4	---	---	---	11.8	10.0	11.0			
31	9.0	8.3	8.6	---	---	---	11.4	10.6	10.9	10.9	9.7	10.3			
MONTH	9.0	5.4	7.3	9.6	7.2	---	---	---	---	---	---	---			

DAY	MAX	MIN	MEAN	FEBRUARY			MARCH			APRIL			MAY		
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	10.6	9.6	10.2	11.8	10.8	11.3	10.7	9.4	10.1	9.2	8.5	8.8			
2	11.6	9.1	10.5	11.4	10.3	10.9	11.0	9.7	10.3	9.1	8.0	8.5			
3	11.2	10.0	10.7	12.0	10.3	10.9	11.3	10.0	10.5	8.7	7.6	8.1			
4	11.3	10.1	---	11.3	10.2	10.8	11.2	9.9	10.5	9.3	8.6	8.9			
5	---	---	---	11.4	10.1	10.7	11.6	10.0	10.7	9.6	8.8	9.1			
6	---	---	---	11.0	10.3	10.6	11.8	10.2	10.9	9.7	9.1	9.4			
7	---	---	---	11.5	9.9	10.7	11.6	10.2	10.8	9.8	9.0	9.4			
8	---	---	---	12.0	10.2	11.0	11.0	9.7	10.3	10.1	8.8	9.2			
9	---	---	---	11.8	10.4	11.0	11.3	9.7	10.4	10.1	8.8	9.6			
10	12.3	11.2	11.9	12.5	10.8	11.6	11.4	9.7	10.4	9.8	9.2	9.5			
11	12.8	12.0	12.4	12.9	10.9	11.7	11.1	9.6	10.3	9.8	8.7	9.3			
12	12.2	10.8	11.5	12.4	10.2	11.3	10.4	9.2	9.6	8.9	8.4	8.6			
13	11.4	10.6	11.0	12.6	10.3	11.4	10.3	9.0	9.6	9.3	8.0	8.6			
14	11.0	10.6	10.8	12.6	10.3	11.4	10.7	9.1	9.8	9.8	8.8	9.2			
15	11.1	10.6	10.8	12.4	10.1	11.2	10.7	9.0	9.9	10.0	9.4	9.7			
16	11.4	11.1	11.3	11.6	10.0	10.8	10.7	8.9	9.8	9.7	8.7	9.2			
17	11.6	11.2	11.3	12.3	10.1	11.1	10.7	8.9	9.8	10.2	9.4	9.8			
18	12.1	11.2	11.6	12.4	10.3	11.4	10.9	8.8	9.9	9.6	8.5	8.9			
19	12.5	11.3	12.1	12.7	10.0	11.3	10.9	9.0	10.0	9.2	8.3	8.7			
20	12.0	9.4	10.9	12.5	10.1	11.3	10.9	8.9	9.8	9.2	8.3	8.6			
21	10.0	9.2	9.7	12.3	9.7	11.0	10.2	8.3	9.2	9.4	8.1	8.7			
22	10.6	9.5	9.9	12.5	9.9	11.1	9.5	8.3	8.8	9.1	8.2	8.6			
23	10.9	9.8	10.4	12.5	9.9	11.2	9.7	8.3	9.0	8.5	7.6	8.1			
24	10.4	9.8	10.0	12.6	10.7	11.6	9.5	8.2	8.8	8.3	7.8	8.1			
25	10.3	9.3	9.9	12.1	10.7	11.3	9.5	8.3	8.9	10.1	8.0	9.2			
26	11.7	9.9	10.9	12.0	10.3	11.1	9.2	8.4	8.8	10.0	9.1	9.5			
27	12.3	11.0	11.5	11.8	10.0	10.9	9.3	8.1	8.6	9.8	8.0	8.8			
28	12.5	11.5	12.0	11.7	10.0	10.7	9.6	8.5	9.0	9.0	7.7	8.4			
29	12.8	11.8	12.3	11.7	9.8	10.7	9.6	8.7	9.2	8.9	7.6	8.2			
30	---	---	---	11.0	9.6	10.0	9.3	8.7	9.0	8.7	7.5	8.1			
31	---	---	---	10.3	9.4	9.8	---	---	---	8.6	7.4	7.9			
MONTH	---	---	---	12.9	9.4	11.0	11.8	8.1	9.8	10.2	7.4	8.9			

SANTEE RIVER BASIN

02169000 SALUDA RIVER NEAR COLUMBIA, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	8.5	7.5	7.9	8.2	7.7	7.9	7.8	6.9	7.3	7.3	6.0	6.5
2	9.8	7.9	8.8	9.2	7.4	8.2	7.8	7.0	7.3	7.7	6.4	6.9
3	9.9	8.5	9.2	9.4	8.0	8.6	7.1	5.8	6.5	8.2	6.6	7.3
4	9.7	8.3	9.0	9.8	8.1	8.9	7.8	6.1	6.9	8.1	6.8	7.4
5	9.9	8.3	9.1	10.1	8.4	9.2	7.3	5.2	6.2	8.4	6.9	7.6
6	10.1	8.5	9.2	10.2	8.1	9.1	7.8	5.9	6.8	7.9	6.8	7.2
7	10.4	8.6	9.4	10.2	8.5	9.4	8.2	6.1	7.1	7.1	5.3	6.3
8	9.9	8.6	9.2	10.3	8.7	9.6	8.1	6.2	7.1	5.8	4.8	5.1
9	9.3	8.0	8.5	10.2	8.6	9.5	8.0	6.1	7.1	5.8	5.3	5.5
10	9.9	8.4	9.1	10.2	8.6	9.6	7.6	6.2	6.9	5.7	4.8	5.4
11	9.9	8.5	9.2	10.2	8.6	9.3	---	---	---	---	---	---
12	9.5	8.4	8.8	9.6	8.0	8.8	---	---	---	---	---	---
13	8.8	6.3	7.9	9.4	7.3	8.1	7.2	5.9	6.5	---	---	---
14	7.0	5.4	6.0	9.5	8.0	8.7	8.5	7.0	7.6	6.0	5.5	5.8
15	9.2	6.7	7.7	9.5	8.0	8.8	7.8	6.8	7.1	5.6	2.8	5.0
16	9.9	7.8	8.8	9.8	8.2	9.0	8.3	6.9	7.6	5.6	2.7	4.1
17	10.1	6.9	8.6	9.8	8.2	8.9	8.6	7.8	8.1	5.5	4.8	4.9
18	9.3	6.9	7.9	9.4	7.8	8.5	8.7	7.5	8.2	7.0	5.5	6.0
19	9.9	8.3	9.1	9.7	8.2	8.9	9.2	8.1	8.6	7.4	6.6	7.0
20	8.9	7.6	8.2	9.6	8.1	8.9	9.3	8.2	8.7	7.7	6.9	7.2
21	8.7	7.7	8.2	9.4	8.0	8.7	9.4	8.3	8.8	7.7	6.8	7.2
22	8.0	7.0	7.5	9.3	7.8	8.6	9.1	8.2	8.6	7.6	6.8	7.1
23	7.3	6.9	7.1	8.9	7.6	8.4	9.3	7.9	8.6	7.9	6.7	7.3
24	8.1	6.9	7.5	8.9	7.5	8.3	9.2	8.1	8.7	8.2	6.8	7.4
25	8.8	7.4	8.0	8.9	7.3	8.1	9.5	8.0	8.7	8.2	7.0	7.6
26	8.7	7.6	8.0	8.7	7.5	8.0	9.0	7.8	8.5	8.6	6.9	7.7
27	9.5	7.4	8.3	8.0	6.8	7.4	8.8	7.5	8.2	7.9	5.5	6.5
28	7.4	6.1	6.4	6.8	5.7	6.1	8.9	7.3	8.1	6.1	5.3	5.7
29	8.4	6.6	7.5	7.2	6.4	6.7	8.5	7.0	7.5	---	---	---
30	8.3	7.6	7.9	7.5	6.3	6.9	8.0	6.8	7.3	5.8	3.7	4.7
31	---	---	---	7.8	7.0	7.3	7.8	6.5	7.0	---	---	---
MONTH	10.4	5.4	8.3	10.3	5.7	8.5	---	---	---	---	---	---

SANTEE RIVER BASIN

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02169500 CONGAREE RIVER AT COLUMBIA, SC

LOCATION.--Lat 33°59'35'', long 81°03'00'', Lexington County, Hydrologic Unit 03050110, on right bank at Columbia, 1,000 ft downstream from Gervais Street Bridge, 1.4 mi downstream from confluence of Broad and Saluda Rivers, and at mile 174.8.

DRAINAGE AREA.--7,850 mi², approximately.

PERIOD OF RECORD.--October 1939 to current year. Gage-height records collected at site 1,000 ft upstream October 1891 to December 1933 and at present site since January 1934 are contained in reports of National Weather Service.

GAGE.--Water-stage recorder and data collection platform. Datum of gage is 113.02 ft above NGVD of 1929.

REMARKS.--Records good except for estimated daily discharges, which are poor. Flow regulated by Lake Murray (see sta 02168500) on the Saluda River and to some extent, at low and medium flow, by powerplants on the Broad River. Water diverted above station for municipal supply during the year.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge since October 1891, about 364,000 ft³/s, Aug. 27, 1908, from rating curve extended logarithmically above 150,000 ft³/s; gage height, 39.8 ft, present datum, based on floodmarks from records of the U.S. Weather Bureau at site 1,000 ft upstream and at datum 4.0 ft higher.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5390	4250	4090	7130	5300	9740	5240	4090	2080	5120	4030	2210
2	4250	3180	5410	5340	4870	9150	6060	5440	2050	3960	4000	4000
3	3310	3840	5590	4490	4710	9730	5880	7480	3950	5770	3320	3060
4	3060	3930	4540	4410	6730	6730	5870	6500	3380	5960	3520	4140
5	3130	4610	4660	4850	7980	6420	4610	6030	2350	6340	3220	3560
6	3560	4330	3740	5060	8450	6200	4370	3600	2390	5550	2020	3170
7	5190	3450	6590	4990	14100	5590	4400	4440	2390	4390	3470	7350
8	4120	3930	5390	5040	28600	6060	5120	6670	2190	4190	3140	30100
9	3900	5730	5320	6040	23600	6620	4910	3640	2170	4040	2280	71000
10	4150	5520	5140	5920	17300	6710	3910	3930	3670	2920	2890	92100
11	4330	4520	6110	6380	9750	6120	4550	4100	2640	3020	1870	81800
12	5500	3010	7870	6500	12800	5370	3370	4140	e3140	3950	2980	30400
13	4920	3950	8280	5900	14600	5410	4290	3900	e3000	3380	4070	14000
14	5570	4400	9180	6330	13200	5580	8120	3920	e4100	2360	7270	12200
15	5790	3960	9460	3960	13300	5100	11000	3390	5430	3590	6580	12400
16	4300	3100	11400	3900	22800	4940	9830	4110	5720	3560	4210	14900
17	4890	4230	8330	4380	14000	4680	6510	3830	11300	3210	3470	10300
18	3690	3270	8220	4840	10800	5680	6470	1960	10200	2580	2640	11100
19	2490	3360	7920	5420	7270	5310	5120	2540	6390	3440	2060	14200
20	3770	4660	8460	5250	7810	4270	5140	3760	4290	3300	3960	13600
21	4830	12300	8320	4800	5960	5730	6010	4260	4480	3010	2600	9570
22	3870	8060	7230	5240	6180	5960	5660	3310	5490	3670	2480	9060
23	3930	6130	5590	4530	7000	4890	4990	3780	7030	2580	3120	6400
24	4610	5710	7310	4370	5420	6010	5530	4980	7520	2620	3400	6220
25	3210	5540	6910	4990	5620	3820	4240	3480	7080	2210	3040	5910
26	3270	4720	6290	6000	9670	4240	4210	2400	7200	2200	2410	4930
27	3720	5080	6800	5040	10900	4480	4360	2440	13700	3460	3270	7080
28	5490	5060	7150	6510	9480	4550	3700	2450	10400	2120	2410	15700
29	4300	4430	5830	6830	7430	4410	4760	2800	6960	5260	2140	27700
30	4770	4140	5890	6810	---	5610	4260	2490	5910	4160	3420	28600
31	5010	---	6270	6410	---	5080	---	2050	---	5200	2160	---
TOTAL	132320	142400	209290	167660	315630	180190	162490	121910	158600	117120	101450	556760
MEAN	4268	4747	6751	5408	10880	5813	5416	3933	5287	3778	3273	18560
MAX	5790	12300	11400	7130	28600	9740	11000	7480	13700	6340	7270	92100
MIN	2490	3010	3740	3900	4710	3820	3370	1960	2050	2120	1870	2210
CFSM	0.54	0.60	0.86	0.69	1.39	0.74	0.69	0.50	0.67	0.48	0.42	2.36
IN.	0.63	0.67	0.99	0.79	1.50	0.85	0.77	0.58	0.75	0.56	0.48	2.64

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 2004, BY WATER YEAR (WY)

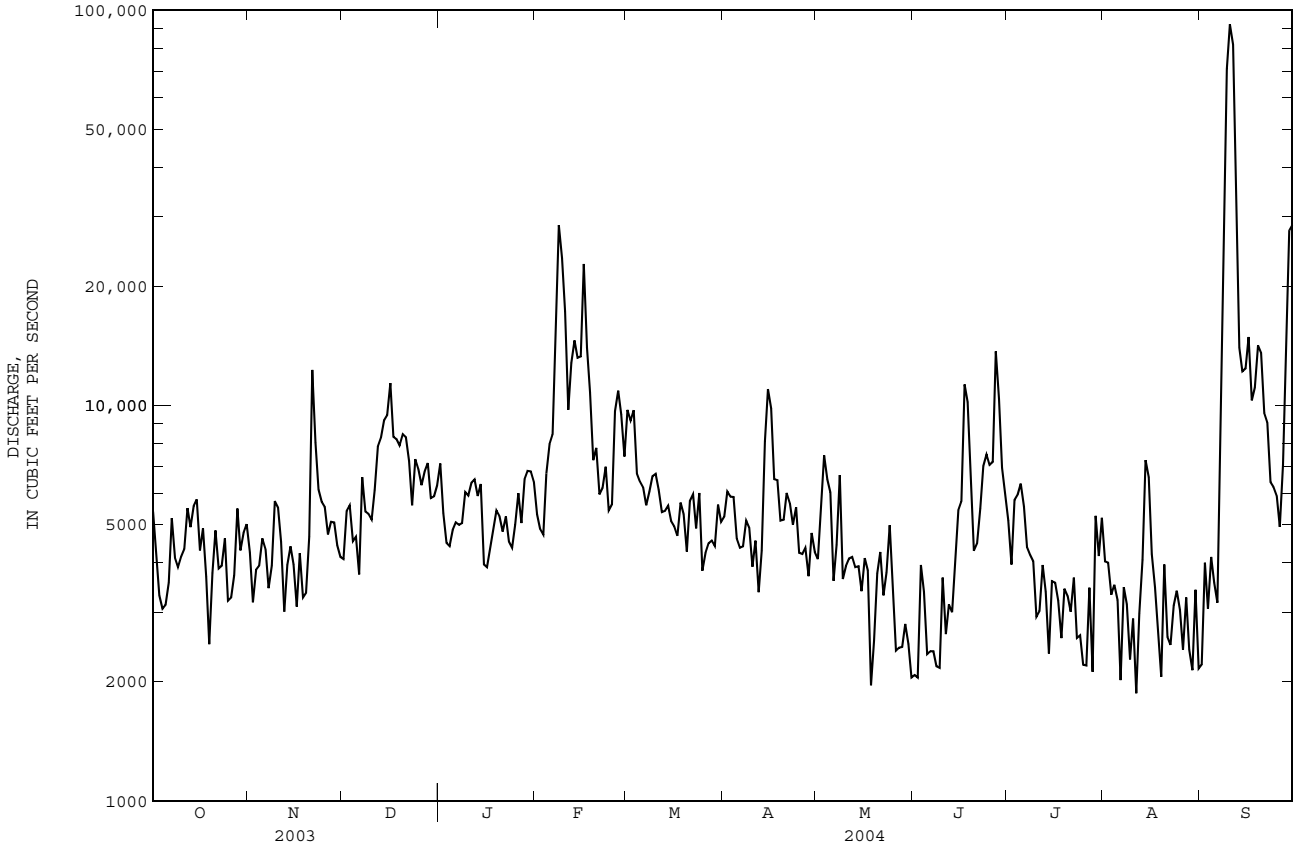
MEAN	7074	7046	8661	11630	12980	14280	11470	7944	6988	6568	7020	6354
MAX	33460	18960	21660	28430	34910	31290	27670	20460	18730	16730	18650	19250
(WY)	1965	1993	1977	1993	1960	2003	1964	2003	1973	1941	1949	1945
MIN	1962	2461	1945	2967	3211	4074	3938	2283	1623	1945	1832	1642
(WY)	1955	1955	1956	1956	2001	1955	1967	2001	2002	2002	1999	1999

SANTEE RIVER BASIN

02169500 CONGAREE RIVER AT COLUMBIA, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1940 - 2004	
ANNUAL TOTAL	4774900		2365820		8983	
ANNUAL MEAN	13080		6464		15130	
HIGHEST ANNUAL MEAN					3245	
LOWEST ANNUAL MEAN					150000	
HIGHEST DAILY MEAN	113000	Mar 22	92100	Sep 10	150000	Oct 11 1976
LOWEST DAILY MEAN	2490	Oct 19	1870	Aug 11	662	Oct 18 1954
ANNUAL SEVEN-DAY MINIMUM	3700	Nov 12	2340	May 27	964	Oct 15 1954
MAXIMUM PEAK FLOW			98000		155000	
MAXIMUM PEAK STAGE			23.88		29.74	
ANNUAL RUNOFF (CFSM)	1.67		0.823		1.14	
ANNUAL RUNOFF (INCHES)	22.63		11.21		15.55	
10 PERCENT EXCEEDS	26900		9770		16100	
50 PERCENT EXCEEDS	8380		4920		6580	
90 PERCENT EXCEEDS	4190		2860		2900	

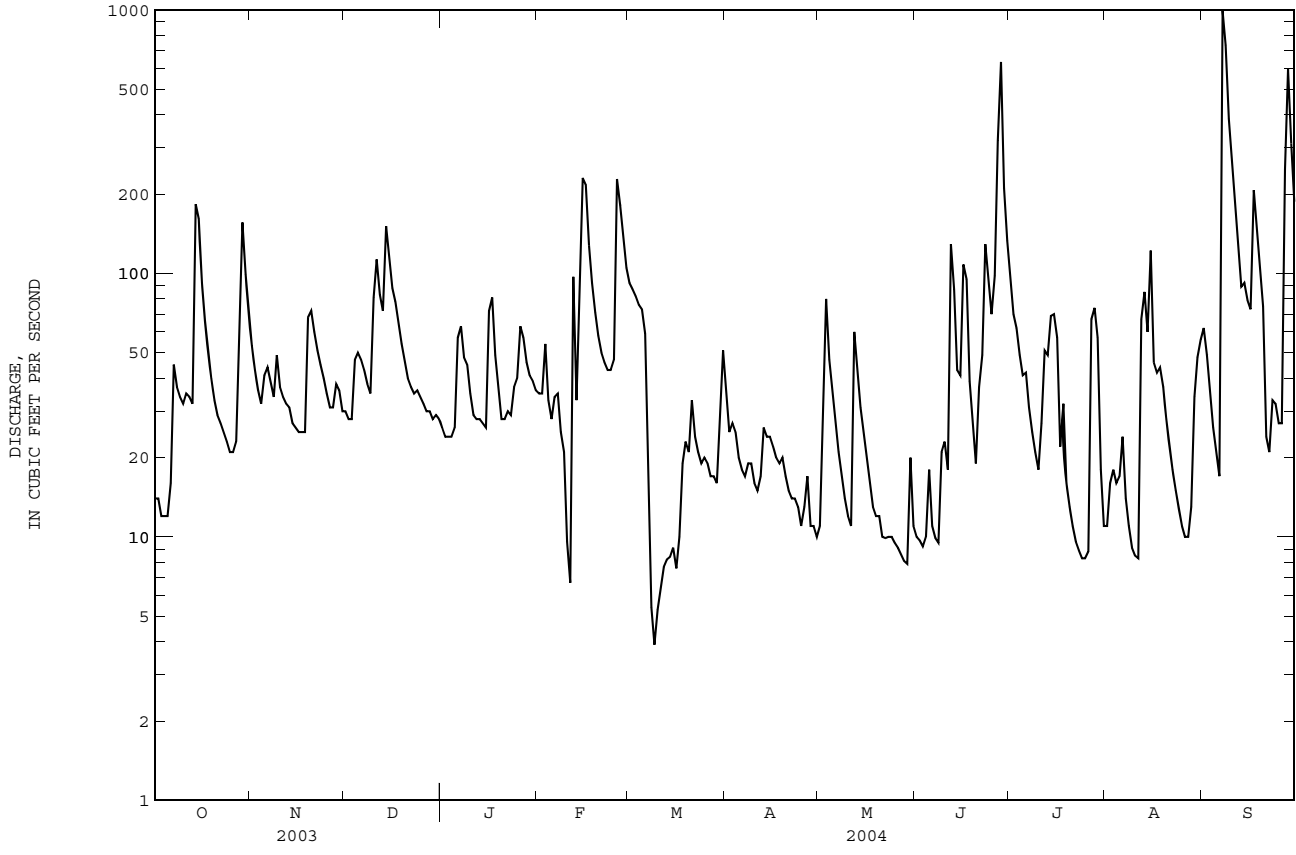
e Estimated



SANTEE RIVER BASIN

02169570 GILLS CREEK AT COLUMBIA, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1967 - 2004	
ANNUAL TOTAL	30309		19729.4		74.1	
ANNUAL MEAN	83.0		53.9		130	
HIGHEST ANNUAL MEAN					29.9	
LOWEST ANNUAL MEAN					1730	
HIGHEST DAILY MEAN	710	Mar 20	990	Sep 7	1730	Aug 20 1986
LOWEST DAILY MEAN	12	Oct 3	3.9	Mar 9	1.6	Aug 1 1983
ANNUAL SEVEN-DAY MINIMUM	14	Sep 30	6.5	Mar 8	1.9	Jul 30 1983
MAXIMUM PEAK FLOW			1470		2880	
MAXIMUM PEAK STAGE			7.67		9.43	
ANNUAL RUNOFF (CFSM)	1.39		0.904		1.24	
ANNUAL RUNOFF (INCHES)	18.92		12.31		16.89	
10 PERCENT EXCEEDS	168		97		150	
50 PERCENT EXCEEDS	53		32		46	
90 PERCENT EXCEEDS	25		10		15	



02169625 CONGAREE RIVER AT CONGAREE NATIONAL PARK NEAR GADSDEN, SC

LOCATION.--Lat 33°48'38'', long 80°52'02'', Richland County, Hydrologic Unit 03050110, on left bank at the southwest boundary of the Congaree National Park, and at mile 150.7.

DRAINAGE AREA.--8,290 mi², approximately.

PERIOD OF RECORD.--October 1986 to September 1987, October 1994 to current year. Daily mean discharges were published for the following periods: April 1981 to September 1986, May 1993 to September 1994. Prior to October 2002, published as Congaree River West of Wise Lake near Gadsden.

GAGE.--Data collection platform. Datum of gage is 90.84 ft above NGVD of 1929. Prior to November 2, 2001, at site 100 ft upstream at same datum.

REMARKS.--Flow regulated by Lake Murray (see sta 02168500) on the Saluda River, and to some extent, at low and medium flow, by powerplants on the Broad River.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 18.66 ft, Mar. 23, 2003; minimum gage height, undetermined.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 18.19 ft, Sep. 11; minimum gage height, 1.70 ft, June 2.

Gage height, feet
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.35	5.65	4.38	6.99	6.21	7.84	5.00	4.20	2.04	6.34	5.16	2.38
2	5.09	4.40	5.01	6.51	5.16	10.37	5.75	4.95	2.04	5.79	4.54	3.02
3	4.60	4.02	5.63	5.14	5.10	9.39	6.10	6.07	3.10	5.42	---	4.37
4	3.42	4.77	5.25	4.73	5.37	8.56	5.97	7.51	3.85	6.38	---	3.22
5	3.57	4.77	5.09	4.66	7.26	7.39	5.64	6.66	3.28	6.61	---	4.62
6	3.59	5.20	4.44	5.50	7.82	6.89	4.43	5.27	2.48	6.64	---	3.56
7	5.11	4.45	5.84	5.03	9.22	6.04	4.51	4.29	2.45	5.14	3.04	4.50
8	5.38	4.53	5.96	5.14	14.88	6.10	4.84	5.35	2.69	4.81	3.59	12.39
9	4.42	---	5.56	5.58	16.08	6.49	5.15	5.79	2.08	4.67	2.95	16.93
10	4.68	---	5.60	6.35	15.37	6.84	4.70	4.06	3.32	4.08	3.26	17.65
11	4.62	5.72	5.77	5.68	13.38	6.70	4.21	4.26	3.27	3.28	2.37	18.07
12	5.39	4.64	6.82	6.90	11.24	6.15	4.15	4.51	3.39	3.78	1.96	17.70
13	5.78	3.76	7.90	6.01	12.60	5.34	3.93	4.80	3.47	4.41	4.67	16.37
14	5.67	5.03	8.82	6.48	13.45	5.93	5.00	3.97	4.29	2.96	4.54	14.67
15	6.72	4.89	9.22	5.31	12.14	5.44	9.66	4.48	5.68	3.48	8.92	12.95
16	6.13	4.09	10.24	4.19	14.55	5.43	10.66	3.90	4.96	3.83	5.97	13.37
17	5.00	3.90	10.14	4.14	14.62	4.87	7.70	4.48	8.69	4.03	4.97	13.29
18	5.59	4.88	8.07	4.93	13.01	5.18	6.67	3.11	11.20	3.04	3.86	12.15
19	3.48	3.51	8.23	5.18	10.25	5.75	6.06	2.19	7.88	3.45	2.74	13.10
20	3.24	4.69	8.25	5.46	7.78	4.99	5.38	3.42	6.25	3.63	2.81	12.68
21	5.37	8.03	8.50	5.07	8.18	5.23	5.11	4.39	4.88	3.55	---	11.96
22	5.00	10.55	7.86	5.32	6.62	5.81	6.55	4.21	5.55	3.49	---	10.94
23	4.05	7.14	6.59	4.82	7.25	5.58	5.30	3.70	6.89	3.71	---	8.11
24	5.35	6.01	6.78	4.59	6.49	5.66	6.03	4.32	---	2.85	---	7.53
25	4.46	6.03	7.31	4.91	6.08	5.05	4.89	4.86	---	2.78	---	7.46
26	3.79	5.53	6.78	5.36	6.69	4.17	4.25	3.43	7.39	2.24	---	5.56
27	3.86	5.26	6.50	---	11.50	4.59	4.64	2.51	9.83	3.02	---	6.42
28	5.25	5.43	7.23	5.98	10.49	4.49	4.26	2.71	12.62	3.86	3.31	10.65
29	6.05	5.09	6.62	6.60	8.95	4.69	4.48	2.97	9.04	4.44	2.27	15.22
30	5.20	4.70	6.10	6.92	---	4.46	4.83	2.62	7.24	5.08	3.29	16.59
31	5.75	---	6.04	6.56	---	6.15	---	2.52	---	5.22	2.95	---
MEAN	4.90	---	6.86	---	9.92	6.05	5.53	4.24	---	4.26	---	10.58
MAX	6.72	---	10.24	---	16.08	10.37	10.66	7.51	---	6.64	---	18.07
MIN	3.24	---	4.38	---	5.10	4.17	3.93	2.19	---	2.24	---	2.38

SANTEE RIVER BASIN

02169672 CEDAR CREEK AT CONGAREE NATIONAL PARK NEAR GADSDEN, SC

LOCATION.--Lat 33°48'58'', long 80°49'39'', Richland County, Hydrologic Unit 03050110, on left bank at Cedar Creek Hunt Club, 4.1 miles southwest of Gadsden, 500 ft north of Wise Lake in the Congaree National Park.

DRAINAGE AREA.--71.0 mi².

PERIOD OF RECORD.--November 1980 to November 1983, June 1985 to September 1986, April 1987 to September 1987 (daily-discharge); December 1993 to current year (gage-height only). Prior to October 2002, published as Cedar Creek at Cedar Creek Hunt Club near Gadsden.

REVISED RECORD.--WDR SC-00-1: Drainage area.

GAGE.--Data collection platform. Datum of gage is 90.33 ft above NGVD of 1929. Prior to October 1, 1998 at same site at datum 3.00 ft higher.

REMARKS.--This station is located in the Congaree River flood plain. When flood conditions exist on the Congaree River (stages greater than about 16 ft gage height at 02169625) varying degrees of backwater affect flow at this site.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 15.07 ft, Mar. 23, 2003; minimum gage-height, 0.98 ft, Sep. 6, 1997.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 14.08 ft, Sep. 11; minimum gage height, 1.82 ft, July 24, 25.

Gage height, feet
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.66	3.96	3.34	3.34	3.48	5.64	3.19	2.61	2.06	2.97	2.49	3.31
2	2.66	3.62	3.30	3.32	3.37	5.21	3.30	2.63	2.08	2.70	2.48	2.71
3	2.68	3.41	3.28	3.32	3.47	4.83	3.32	3.15	2.05	2.55	2.40	2.47
4	2.69	3.30	3.37	3.32	3.50	4.45	3.24	3.24	2.01	2.54	2.31	2.35
5	2.71	3.29	3.57	3.31	3.45	4.17	3.13	3.08	2.31	2.59	2.21	2.28
6	2.71	3.36	3.63	3.31	3.41	3.97	3.08	2.91	2.30	2.34	2.15	2.23
7	2.76	3.39	3.61	3.27	3.58	3.85	3.07	2.76	2.19	2.08	2.07	3.69
8	2.85	3.38	3.54	3.25	4.78	3.73	3.06	2.64	2.11	1.92	2.01	5.45
9	2.94	3.39	3.45	3.25	7.65	3.63	3.06	2.50	2.24	1.93	1.98	7.98
10	2.97	3.42	3.51	3.29	9.16	3.61	3.05	2.42	2.50	2.03	1.92	11.78
11	3.08	3.46	3.80	3.30	8.86	3.54	3.01	2.38	2.42	2.18	1.86	13.78
12	3.17	3.43	3.88	3.29	7.97	3.49	3.04	2.46	2.30	2.39	1.96	13.36
13	3.13	3.37	3.86	3.27	7.31	3.44	3.10	2.75	2.30	2.15	2.26	10.88
14	3.20	3.30	3.88	3.26	7.13	3.39	3.21	2.72	2.30	1.95	2.47	9.30
15	3.39	3.25	3.97	3.24	7.27	3.37	3.09	2.62	2.38	1.92	3.09	8.33
16	3.42	3.22	4.05	3.23	7.38	3.40	3.35	2.54	2.54	1.98	3.96	7.52
17	3.36	3.22	4.20	3.21	8.31	3.43	3.44	2.46	2.73	2.02	4.09	7.26
18	3.52	3.21	4.07	3.21	8.28	3.40	2.97	2.34	3.44	2.29	3.41	6.81
19	3.39	3.38	3.81	3.22	7.48	3.35	2.82	2.26	3.40	3.07	2.86	6.28
20	3.24	3.71	3.66	3.21	6.36	3.31	2.76	2.22	2.69	2.32	2.57	6.22
21	3.15	3.82	3.54	3.17	5.41	3.35	2.71	2.17	2.41	1.96	2.40	5.99
22	3.09	3.92	3.48	3.14	4.76	3.41	2.69	2.12	2.28	1.86	2.34	5.27
23	3.02	3.88	3.47	3.14	4.27	3.38	2.68	2.15	2.17	1.86	2.33	4.34
24	2.97	3.59	3.47	3.10	3.97	3.29	2.63	2.32	2.14	1.83	2.46	3.38
25	2.93	3.47	3.45	3.15	3.84	3.22	2.57	2.26	2.13	1.84	2.95	2.89
26	3.03	3.38	3.41	3.27	4.54	3.18	2.46	2.17	2.23	1.88	2.66	2.71
27	3.14	3.32	3.38	3.49	6.02	3.15	2.60	2.08	2.39	1.96	2.43	3.05
28	3.30	3.33	3.37	3.68	6.55	3.11	2.66	2.00	4.07	2.12	2.29	5.52
29	4.18	3.38	3.37	3.76	6.25	3.02	2.67	1.97	4.25	2.14	2.28	6.83
30	4.40	3.36	3.36	3.73	---	2.93	2.64	1.99	3.19	2.48	2.44	8.92
31	4.31	---	3.36	3.62	---	3.08	---	2.01	---	2.53	2.64	---
MEAN	3.16	3.45	3.59	3.31	5.79	3.62	2.95	2.45	2.52	2.21	2.51	6.10
MAX	4.40	3.96	4.20	3.76	9.16	5.64	3.44	3.24	4.25	3.07	4.09	13.78
MIN	2.66	3.21	3.28	3.10	3.37	2.93	2.46	1.97	2.01	1.83	1.86	2.23

02169740 CONGAREE RIVER AT SOUTHERN RR NEAR FORT MOTTE, SC

LOCATION.--Lat 33°46'12'', long 80°39'58'', Richland County, Hydrologic Unit 03050110, on left bank approximately 100 ft downstream of Southern railroad bridge, and at mile 128.6.

DRAINAGE AREA.--Undetermined

PERIOD OF RECORD.--December 2003 to September 2004.

GAGE.--Data collection platform. Elevation of gage is 75 ft above NGVD of 1929 (from topographic map).

REMARKS.--Flow regulated by Lake Murray (see sta 02168500) on the Saluda River, and to some extent, at low and medium flow, by powerplants on the Broad River. Records 1981 to 1983, 1990, and 1991 were collected by the South Carolina Department of Health and Environmental Control and are rated poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 19.30 ft, Sep. 12, 2004; minimum gage-height, 1.73 ft, July 3, 1990.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 19.30 ft, Sep. 12; minimum gage height, 3.29 ft, June 3.

Gage height, feet												
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004												
DAILY MEAN VALUES												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	6.87	6.32	8.96	5.91	5.25	3.44	7.80	5.92	4.34
2	---	---	---	7.26	5.92	9.54	5.66	5.09	3.41	7.06	5.69	4.13
3	---	---	---	6.38	6.09	9.66	6.04	5.84	3.43	6.54	5.32	4.98
4	---	---	---	5.64	6.23	9.41	6.01	7.07	4.19	6.89	4.74	5.13
5	---	---	---	5.50	7.12	8.52	5.94	7.13	4.14	6.95	4.63	5.07
6	---	---	---	5.63	7.76	8.02	5.28	6.58	3.66	7.08	4.72	4.75
7	---	---	---	5.84	8.24	7.41	4.92	5.33	3.48	6.38	4.17	4.78
8	---	---	---	5.88	10.18	6.77	4.94	5.33	3.54	5.55	4.43	7.98
9	---	---	---	5.91	11.44	6.77	5.26	6.29	3.72	5.84	4.28	11.07
10	---	---	6.13	6.40	11.87	7.00	5.21	5.18	3.69	5.86	3.86	12.03
11	---	---	5.91	6.49	12.34	7.09	4.74	4.94	4.17	5.17	3.95	16.72
12	---	---	6.32	6.66	12.08	6.64	4.88	5.02	3.75	4.84	3.60	19.12
13	---	---	7.54	6.70	11.62	6.05	4.46	5.25	4.06	5.24	4.64	17.93
14	---	---	8.12	6.53	11.59	5.99	4.76	5.10	4.12	4.79	5.62	15.46
15	---	---	8.52	6.51	11.50	6.06	7.22	4.95	---	4.05	7.28	13.61
16	---	---	9.11	5.17	11.42	5.81	9.18	4.76	---	4.33	7.58	12.53
17	---	---	9.64	4.81	11.76	5.76	8.63	4.88	---	4.55	6.52	12.14
18	---	---	8.84	4.95	11.88	5.63	7.32	4.79	---	4.76	5.92	11.81
19	---	---	8.46	5.44	11.37	6.11	6.82	4.01	8.59	4.32	5.12	11.53
20	---	---	8.27	5.61	9.97	6.10	6.04	4.04	7.14	4.52	4.45	11.49
21	---	---	8.28	5.77	9.30	5.50	5.75	4.61	5.81	4.53	4.62	11.38
22	---	---	8.27	5.64	8.46	5.95	6.21	4.95	5.54	4.57	4.48	10.99
23	---	---	7.76	5.62	8.11	6.10	6.24	4.58	6.19	4.79	4.18	10.14
24	---	---	7.03	5.06	7.90	5.73	5.87	4.53	7.26	4.31	4.02	9.13
25	---	---	7.56	4.87	6.90	5.99	5.91	5.17	7.86	4.11	4.41	8.60
26	---	---	7.47	5.08	6.87	4.99	5.15	4.63	7.77	3.78	4.20	7.90
27	---	---	7.18	5.80	9.12	4.96	5.03	3.99	8.43	3.73	3.85	7.62
28	---	---	7.34	5.98	9.94	5.11	5.16	3.75	10.16	4.42	4.01	9.21
29	---	---	7.33	6.67	9.63	5.18	5.01	3.70	9.87	4.38	3.85	10.90
30	---	---	6.73	6.83	---	5.11	5.35	3.84	8.73	5.49	3.78	11.66
31	---	---	6.63	6.67	---	5.70	---	3.67	---	5.40	4.87	---
MEAN	---	---	---	5.94	9.41	6.57	5.83	4.98	---	5.23	4.80	10.14
MAX	---	---	---	7.26	12.34	9.66	9.18	7.13	---	7.80	7.58	19.12
MIN	---	---	---	4.81	5.92	4.96	4.46	3.67	---	3.73	3.60	4.13

SANTEE RIVER BASIN

02169810 SANTEE RIVER AT TREZESVANTS LANDING NEAR FORT MOTTE, SC

LOCATION.--Lat 33°43'52'', long 80°37'43'', Calhoun County, Hydrologic unit 03050110, 200 ft downstream from Trezesvants Landing, 1.0 mi downstream from confluence of Wateree and Congaree Rivers, 3.9 mi east, southeast, of Fort Motte and at mile 123.3.

DRAINAGE AREA.--14,100 mi², approximately.

PERIOD OF RECORD.--April 1986 to current year.

GAGE.--Data collection platform. Datum of gage is NGVD of 1929 (South Carolina Public Service Authority bench mark). Prior to October 1, 1988, gage at same site at datum 69.57 ft higher.

REMARKS.--Flow affected by backwater from Lake Marion.

EXTREMES FOR PERIOD OF RECORD.--Maximum recorded gage height, 87.43 ft, Oct. 17, 1990 (maximum observed gage height, 87.47 ft, Mar. 5, 1987, by South Carolina Public Service Authority personnel); minimum gage height, 72.29 ft, Jan. 8, 9, 2002, but may have been lower during periods of missing record.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 84.61 ft, Sep. 12; minimum gage height, 75.41 ft, Oct. 7.

DAY	Gage height, feet											
	WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004											
	DAILY MEAN VALUES											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	76.85	77.02	76.82	77.57	76.61	79.27	77.00	76.87	75.78	78.55	77.26	76.30
2	76.74	76.55	76.77	77.82	76.69	79.51	76.73	76.77	75.78	78.08	77.31	76.35
3	76.23	76.12	76.96	77.30	77.23	79.67	76.82	77.04	75.77	77.90	77.01	76.88
4	76.03	76.12	77.16	76.82	77.46	79.51	76.78	77.73	76.07	77.95	76.58	77.02
5	75.89	76.12	77.13	76.76	77.87	79.01	76.76	77.90	76.05	77.85	76.48	76.79
6	75.67	76.31	77.18	76.71	78.15	78.67	76.50	77.60	75.83	77.87	76.63	76.44
7	75.55	76.33	77.02	76.89	78.37	78.28	76.29	76.99	75.71	77.41	76.38	76.72
8	76.01	75.99	77.34	77.01	79.39	77.68	76.27	76.85	75.78	76.97	76.40	78.59
9	76.07	76.03	77.14	76.94	80.34	77.56	76.41	77.21	75.96	77.43	76.28	80.20
10	75.88	76.34	77.11	77.16	80.74	77.66	76.43	76.79	75.93	77.54	76.04	80.72
11	76.39	76.60	76.76	77.32	81.07	77.70	76.24	76.66	76.07	77.12	76.06	82.39
12	76.45	76.55	76.87	77.24	81.06	77.34	76.35	76.68	75.85	76.83	75.96	84.26
13	76.53	76.08	77.87	77.28	80.75	76.99	76.17	76.81	75.97	76.97	76.69	84.26
14	76.37	76.12	78.10	77.27	80.69	76.95	76.21	76.75	76.02	76.64	77.31	83.25
15	76.65	76.52	78.36	77.22	80.58	76.99	77.34	76.65	76.19	76.16	77.92	82.42
16	76.84	76.18	78.90	76.34	80.33	76.89	78.78	76.57	76.36	76.18	78.17	81.86
17	76.53	75.81	79.27	76.11	80.41	76.95	78.64	76.61	76.75	76.38	77.81	81.59
18	76.61	76.24	78.84	76.07	80.61	76.92	77.86	76.61	78.25	76.71	77.58	81.37
19	76.36	76.50	78.52	76.46	80.51	77.19	77.50	76.28	78.44	76.43	77.07	81.16
20	75.71	76.66	78.33	76.45	79.88	77.27	77.09	76.24	77.55	76.45	76.59	81.07
21	75.77	77.25	78.26	76.75	79.41	76.84	76.96	76.46	76.97	76.50	76.51	80.97
22	76.32	78.52	78.37	76.68	79.00	76.91	77.15	76.62	76.68	76.60	76.39	80.80
23	76.11	78.42	78.21	76.57	78.71	76.99	77.25	76.49	76.84	76.69	76.30	80.43
24	76.20	77.99	77.77	76.09	78.50	76.84	77.03	76.37	77.43	76.43	76.15	79.83
25	76.46	77.81	78.02	75.89	77.71	76.94	77.06	76.59	78.07	76.28	76.28	79.38
26	76.22	77.82	78.04	75.78	77.64	76.44	76.71	76.42	78.27	76.09	76.08	79.02
27	75.97	77.57	77.92	76.37	78.80	76.40	76.60	76.15	78.73	76.03	76.03	78.94
28	76.32	77.47	77.93	76.78	79.51	76.50	76.75	75.99	79.69	76.30	76.10	79.65
29	77.00	77.14	77.81	77.24	79.52	76.58	76.75	75.92	79.79	76.36	75.81	80.33
30	77.20	76.93	77.50	77.16	---	76.54	76.88	76.01	79.18	76.86	76.29	80.73
31	77.21	---	77.45	76.96	---	76.78	---	75.91	---	76.90	76.80	---
MAX	77.21	78.52	79.27	77.82	81.07	79.67	78.78	77.90	79.79	78.55	78.17	84.26
MIN	75.55	75.81	76.76	75.78	76.61	76.40	76.17	75.91	75.71	76.03	75.81	76.30

SANTEE RIVER BASIN

325

02169921 LAKE MARION NEAR ELLOREE, SC

LOCATION.--Lat 33°33'07'', long 80°30'16'', Orangeburg County, Hydrologic Unit 03050111, at Santee State Park, approximately 5.0 mi east of Elloree, SC.

DRAINAGE AREA.--14,300 mi².

PERIOD OF RECORD.--July 1998 to current year.

GAGE.--Data collection platform. Datum of gage is NGVD of 1929 (National Geodetic Survey benchmark).

REMARKS.--See station 02171000 (Lake Marion near Pineville, SC) for contents and change in contents during the year.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 77.00 ft, Apr. 15, 2003; minimum gage height, 70.34 ft, Jan. 6, 19, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 76.61 ft, Sep. 22; minimum gage height, 73.03 ft, Jan. 27, 28.

Elevation above NGVD 1929, feet
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY OBSERVATION AT 2400 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	74.79	74.74	74.14	73.68	73.45	75.08	74.74	75.56	75.33	75.87	75.60	---
2	74.75	74.74	74.12	73.68	73.47	75.19	74.71	75.61	75.32	75.82	75.60	---
3	74.69	74.72	74.12	73.72	73.61	75.33	74.72	75.58	75.30	75.77	75.59	---
4	74.63	74.70	74.10	73.74	73.67	75.41	74.72	75.62	75.27	75.71	75.50	74.95
5	74.64	74.70	74.09	73.70	73.80	75.42	74.72	75.61	75.23	75.54	75.41	75.02
6	74.59	74.68	74.07	73.64	73.98	75.30	74.72	75.62	75.19	75.56	75.45	75.21
7	74.57	74.67	74.06	73.63	73.92	75.04	74.71	75.56	75.19	75.48	75.39	75.45
8	74.53	74.65	74.06	73.57	74.18	75.06	74.73	75.53	75.20	75.46	75.45	75.21
9	74.52	74.54	74.09	73.58	74.29	75.06	74.80	75.49	75.23	75.47	75.38	75.10
10	74.50	74.46	73.98	73.59	74.41	74.96	74.84	75.53	75.19	75.51	75.38	74.95
11	74.55	74.52	74.09	73.45	74.61	74.90	74.89	75.49	75.16	75.54	75.36	74.74
12	74.52	74.52	74.10	73.39	74.86	74.84	74.96	75.56	75.27	75.54	75.39	75.32
13	74.57	74.42	74.07	73.43	74.96	74.89	74.85	75.58	75.27	75.57	75.21	75.69
14	74.38	74.44	74.06	73.38	75.13	74.88	74.83	75.57	75.23	75.47	75.09	76.08
15	74.51	74.40	74.17	73.45	75.16	74.87	74.90	75.56	75.26	75.45	75.09	76.18
16	74.60	74.40	74.23	73.42	75.21	74.83	75.03	75.54	75.25	75.41	75.22	76.33
17	74.61	74.42	74.16	73.38	74.98	74.80	75.11	75.58	75.28	75.55	75.25	76.19
18	74.61	74.53	74.17	73.35	74.99	74.82	75.18	75.56	75.33	75.58	75.32	76.33
19	74.64	74.36	74.04	73.41	74.94	74.94	75.22	75.53	75.35	75.58	75.32	76.48
20	74.60	74.44	74.02	73.34	74.84	74.91	75.28	75.47	---	75.58	75.33	76.50
21	74.50	74.41	73.95	73.26	74.73	74.76	75.30	75.48	75.52	75.55	75.33	76.56
22	74.46	74.51	73.91	73.16	74.73	74.80	75.33	75.53	75.40	75.56	75.43	76.56
23	74.47	74.55	73.97	73.14	74.72	74.79	75.33	75.60	75.30	75.55	75.42	76.56
24	74.42	74.52	73.94	73.12	74.79	74.78	75.38	75.57	75.39	75.60	75.43	76.46
25	74.42	74.51	73.99	73.18	74.85	74.77	75.44	75.56	75.52	75.58	75.42	76.27
26	74.45	74.46	73.95	73.18	74.80	74.76	75.39	75.48	75.55	75.55	75.39	76.12
27	74.39	74.47	73.89	73.03	74.83	74.76	75.43	75.47	75.58	75.53	75.38	76.27
28	74.55	74.29	73.83	73.15	74.92	74.90	75.56	75.41	75.71	75.54	75.35	76.04
29	74.70	74.28	73.78	73.14	75.00	74.89	75.54	75.47	75.86	75.56	---	76.00
30	74.73	74.19	73.72	73.22	---	74.87	75.54	75.46	75.95	75.57	---	75.99
31	74.72	---	73.66	73.39	---	74.69	---	75.36	---	75.55	---	---
MEAN	74.57	74.51	74.02	73.40	74.55	74.95	75.06	75.53	---	75.57	---	---
MAX	74.79	74.74	74.23	73.74	75.21	75.42	75.56	75.62	---	75.87	---	---
MIN	74.38	74.19	73.66	73.03	73.45	74.69	74.71	75.36	---	75.41	---	---

SANTEE RIVER BASIN

02171000 LAKE MARION NEAR PINEVILLE, SC

LOCATION.--Lat 33°27'00'', long 80°09'50'', Berkeley County, Hydrologic Unit 03050111, at right upstream end of spillway, 2.8 mi upstream from old Santee Canal, 5.4 mi upstream from Dead River, and 8.0 mi west of Pineville.

DRAINAGE AREA.--14,700 mi², approximately.

PERIOD OF RECORD.--January 1942 to current year. Prior to October 1942, published as Santee Reservoir near Pineville.

GAGE.--Data collection platform. Datum of gage is NGVD of 1929 (levels by Harza Engineering Co.).

REMARKS.--Lake is formed by earth dam. Storage began in November 1941; Dam completed in 1941. Usable capacity, 45,000,000,000 ft³ between elevations 60.0 ft (limit of drawdown) and 76.8 ft (maximum normal lake elevation). Dead storage, about 17,070,000,000 ft³. Figures given herein represent usable contents. Elevation of spillway crest 63.0 ft; top of spillway gates, 76.8 ft. Some water used for generation of power. Major portion of water is diverted from Lake Marion through canal to Lake Moultrie for generation of power and for recreation.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 77.35 ft, Feb. 28, 1964 (affected by high winds); minimum elevation, 61.36 ft, Oct. 17, 1951.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 76.47 ft, Sep. 22, 23; minimum elevation, 72.97 ft, Jan. 25.

Elevation above NGVD 1929, feet
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY OBSERVATION AT 2400 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	74.67	74.70	74.15	73.59	73.31	75.01	74.72	75.46	75.29	75.83	75.52	74.88
2	74.64	74.68	74.06	73.60	73.44	75.10	74.74	75.56	75.22	75.77	75.62	74.80
3	74.63	74.66	74.01	73.64	73.53	75.23	74.69	75.52	75.17	75.71	75.55	74.82
4	74.60	74.63	74.14	73.69	73.60	75.32	74.70	75.52	75.19	75.65	75.46	74.87
5	74.55	74.63	74.10	73.69	73.73	75.30	74.66	75.54	75.13	75.61	75.39	74.85
6	74.52	74.63	74.08	73.71	73.96	75.26	74.68	75.53	75.09	75.51	75.27	74.91
7	74.48	74.59	74.01	73.57	74.08	75.40	74.67	75.46	75.07	75.47	75.30	75.12
8	74.47	74.56	74.01	73.55	74.08	75.06	74.71	75.40	75.09	75.42	75.29	75.12
9	74.50	74.50	74.02	73.55	74.22	74.97	74.72	75.40	75.15	75.43	75.27	75.00
10	74.48	74.44	74.38	73.45	74.35	74.92	74.77	75.37	75.14	75.46	75.26	74.83
11	74.51	74.47	74.12	73.41	74.50	74.89	74.79	75.38	75.12	75.50	75.26	74.46
12	74.51	74.51	74.04	73.37	74.78	74.85	74.86	75.44	75.09	75.62	75.31	74.91
13	74.53	74.46	74.09	73.38	74.86	74.77	74.88	75.45	75.11	75.52	75.12	75.52
14	74.70	74.42	74.12	73.45	75.02	74.80	74.80	75.43	75.11	75.50	74.91	75.78
15	74.51	74.37	74.11	73.41	75.13	74.78	74.83	75.39	75.12	75.38	75.00	75.93
16	74.52	74.39	74.16	73.33	75.03	74.82	74.94	75.38	75.16	75.33	75.04	76.00
17	74.57	74.38	74.21	73.30	75.05	74.78	75.03	75.44	75.20	75.46	75.16	76.15
18	74.56	74.39	74.18	73.38	74.91	74.78	75.11	75.44	75.27	75.54	75.22	76.20
19	74.59	74.58	74.14	73.33	74.86	74.65	75.16	75.43	75.35	75.54	75.25	76.28
20	74.55	74.40	73.95	73.26	74.76	74.78	75.18	75.41	75.37	75.51	75.26	76.37
21	74.52	74.39	73.89	73.21	74.69	74.81	75.20	75.39	75.43	75.49	75.27	76.41
22	74.48	74.47	73.84	73.22	74.67	74.68	75.23	75.41	75.40	75.48	75.33	76.47
23	74.39	74.49	73.90	73.16	74.68	74.68	75.24	75.47	75.41	75.48	75.36	76.43
24	74.38	74.55	74.01	73.08	74.72	74.69	75.24	75.48	75.41	75.50	75.32	76.31
25	74.34	74.46	73.94	73.06	74.66	74.70	75.30	75.48	75.45	75.45	75.28	76.14
26	74.36	74.43	73.91	73.18	74.83	74.70	75.41	75.47	75.44	75.44	75.31	75.91
27	74.38	74.40	73.84	73.28	74.85	74.70	75.43	75.42	75.63	75.40	75.29	75.95
28	74.66	74.55	73.76	73.13	74.84	74.70	75.38	75.36	75.64	75.41	75.24	75.96
29	74.66	74.27	73.70	73.14	74.91	74.66	75.38	75.36	75.77	75.44	75.41	75.89
30	74.67	74.24	73.67	73.22	---	74.69	75.41	75.34	75.83	75.44	75.27	75.89
31	74.68	---	73.61	73.27	---	74.79	---	75.31	---	75.48	75.13	---
MAX	74.70	74.70	74.38	73.71	75.13	75.40	75.43	75.56	75.83	75.83	75.62	76.47
MIN	74.34	74.24	73.61	73.06	73.31	74.65	74.66	75.31	75.07	75.33	74.91	74.46
	37.2	35.7	33.6	32.5	37.9	37.5	39.8	39.4	41.4	40.0	38.7	41.6
	0.00	-579	-784	-411	+2160	-149	+887	-149	+772	+523	-486	+1120

CAL YR 2003 * -124 MAX 76.67 MIN 73.28
WTR YR 2004 * +139 MAX 76.47 MIN 73.06

(+) CONTENTS, IN BILLIONS OF CUBIC FEET, AT END OF MONTH.
(*) CHANGE IN CONTENT, EQUIVALENT IN CUBIC FEET PER SECOND.

SANTEE RIVER BASIN

02171001 SANTEE RIVER AT LAKE MARION TAILRACE NEAR PINEVILLE, SC

LOCATION.--Lat 33°26'58'', long 80°09'50'', Berkeley County, Hydrologic Unit 03050112, about 300 ft below Lake Marion Wilson Dam, at right downstream end of spillway, 2.8 mi upstream from old Santee Canal, 5.4 mi upstream from Dead River, and 8.0 mi west of Pineville.

DRAINAGE AREA.--14,700 mi², approximately.

PERIOD OF RECORD.--October 1998 to current year.

GAGE.--Data collection platform. Datum of gage is NGVD of 1929.

REMARKS.--Flow completely regulated by Lake Marion (see sta 02171000). Water is diverted above station from Lake Marion through Diversion Canal into Lake Moultrie (see sta 02172000) for generation of power and for navigation, then discharged into Cooper River Basin (see sta 02172002), and lower Santee (see sta 02171645).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 52.59 ft, Mar. 21, 25, 2003; minimum gage height, 25.39 ft, July 24, 2000.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 48.12 ft, Sep. 14; minimum gage height, 26.42 ft, June 10.

Gage height, feet															
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004															
DAY	MAX	MIN	MEAN	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	26.87	26.82	26.85	26.94	26.89	26.92	26.91	26.79	26.82	27.10	27.04	27.06			
2	26.87	26.82	26.85	26.94	26.89	26.92	26.80	26.78	26.79	27.09	26.90	27.05			
3	26.87	26.83	26.85	26.94	26.89	26.92	26.81	26.78	26.79	27.09	27.03	27.07			
4	26.87	26.82	26.85	26.94	26.88	26.92	26.86	26.79	26.81	27.10	27.03	27.06			
5	26.88	26.83	26.85	26.93	26.89	26.92	26.81	26.78	26.80	27.09	27.04	27.06			
6	26.87	26.82	26.85	26.95	26.89	26.92	26.88	26.78	26.80	27.09	27.02	27.05			
7	26.89	26.67	26.85	26.94	26.89	26.92	26.79	26.77	26.78	27.08	27.01	27.05			
8	26.90	26.84	26.87	26.94	26.89	26.92	26.80	26.77	26.78	27.08	27.02	27.05			
9	26.90	26.83	26.87	26.96	26.89	26.92	26.79	26.78	26.78	27.10	27.03	27.06			
10	26.89	26.84	26.86	26.94	26.89	26.92	27.26	26.77	26.81	27.08	27.02	27.05			
11	---	---	---	27.14	26.89	27.01	28.49	26.79	27.49	27.07	27.01	27.04			
12	---	---	---	27.15	27.05	27.10	26.82	26.76	26.79	27.08	27.02	27.05			
13	---	---	---	27.34	27.07	27.16	27.48	26.77	26.94	27.08	27.02	27.05			
14	---	---	---	27.13	27.04	27.08	26.89	26.80	26.83	27.08	27.00	27.04			
15	---	---	---	27.12	27.03	27.07	26.85	26.79	26.81	27.08	27.00	27.04			
16	---	---	---	27.13	27.02	27.07	26.83	26.77	26.80	27.08	27.02	27.05			
17	26.94	26.81	26.86	27.11	26.95	27.01	28.07	26.78	27.26	27.07	27.01	27.05			
18	26.88	26.83	26.85	27.00	26.94	26.97	27.27	27.07	27.13	27.08	26.97	27.04			
19	26.87	26.81	26.85	27.11	26.84	26.98	27.92	27.07	27.40	27.09	27.00	27.03			
20	26.88	26.81	26.84	27.10	26.96	27.01	27.16	27.06	27.10	27.08	27.00	27.04			
21	26.87	26.81	26.84	27.02	26.97	26.99	27.12	26.94	27.07	27.08	27.01	27.05			
22	26.91	26.82	26.85	27.02	26.96	26.99	27.11	27.05	27.08	27.13	26.88	27.04			
23	26.87	26.80	26.84	27.02	26.96	26.99	27.10	27.03	27.07	27.11	27.00	27.04			
24	26.88	26.82	26.84	27.20	26.97	27.02	27.11	26.92	27.07	27.09	27.01	27.05			
25	26.86	26.81	26.84	27.12	26.97	27.01	27.14	27.05	27.08	27.10	27.01	27.05			
26	26.86	26.81	26.84	27.02	26.97	26.99	27.10	27.05	27.08	27.23	26.79	27.05			
27	26.94	26.81	26.90	27.01	26.96	26.98	27.11	27.05	27.08	27.16	27.02	27.07			
28	27.00	26.89	26.94	30.77	26.94	27.73	27.10	27.04	27.07	27.28	27.01	27.11			
29	27.04	26.91	26.95	30.37	26.86	28.07	27.10	27.02	27.07	27.06	27.00	27.03			
30	26.94	26.89	26.92	26.86	26.80	26.82	27.11	27.04	27.07	27.07	27.00	27.03			
31	26.94	26.89	26.92	---	---	---	27.11	27.04	27.07	27.07	26.99	27.03			
MONTH	---	---	---	30.77	26.80	27.04	28.49	26.76	26.98	27.28	26.79	27.05			

SANTEE RIVER BASIN

02171001 SANTEE RIVER AT LAKE MARION TAILRACE NEAR PINEVILLE, SC--Continued

Gage height, feet
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	27.07	26.98	27.03	26.99	26.94	26.97	27.25	27.00	27.15	27.08	27.00	27.04
2	27.07	27.00	27.03	27.00	26.93	26.97	27.38	26.98	27.10	27.36	27.00	27.08
3	27.07	26.99	27.04	26.99	26.95	26.97	27.02	26.95	26.98	28.49	27.04	27.44
4	27.07	27.00	27.03	27.01	26.94	26.97	27.22	26.95	27.07	27.14	26.84	26.90
5	27.08	26.98	27.04	27.01	26.94	26.97	27.02	26.95	26.98	26.95	26.82	26.88
6	27.12	27.03	27.07	27.38	26.93	27.05	26.99	26.95	26.97	26.91	26.81	26.86
7	28.33	27.04	27.39	29.77	26.94	27.25	26.99	26.94	26.97	26.91	26.83	26.86
8	27.78	27.05	27.18	29.30	26.94	27.38	27.01	26.96	26.98	26.90	26.82	26.86
9	27.18	27.01	27.11	26.99	26.76	26.93	27.01	26.94	26.98	26.91	26.82	26.86
10	27.16	26.98	27.07	27.04	26.93	26.97	27.01	26.96	26.98	26.91	26.83	26.86
11	27.03	26.98	27.00	26.98	26.94	26.96	27.02	26.95	26.98	26.89	26.82	26.86
12	27.11	26.99	27.05	26.98	26.94	26.96	27.02	26.96	26.99	26.94	26.81	26.86
13	27.07	26.99	27.03	26.97	26.94	26.96	28.07	26.96	27.25	26.91	26.82	26.86
14	27.11	26.98	27.04	26.98	26.77	26.95	27.99	27.09	27.45	26.89	26.82	26.85
15	27.10	27.00	27.05	26.98	26.94	26.96	27.14	27.02	27.07	26.90	26.82	26.85
16	27.08	26.99	27.03	27.01	26.93	26.96	27.10	27.01	27.05	26.88	26.81	26.85
17	27.09	27.00	27.03	26.99	26.93	26.96	27.11	27.02	27.06	26.89	26.81	26.85
18	27.08	26.98	27.02	26.99	26.93	26.96	27.10	27.02	27.06	26.89	26.81	26.85
19	27.05	26.98	27.00	26.99	26.93	26.96	27.11	27.02	27.06	26.88	26.81	26.85
20	27.04	26.97	27.00	27.00	26.93	26.97	27.13	27.03	27.06	26.89	26.82	26.85
21	27.24	26.96	27.03	27.11	26.79	27.00	27.09	27.01	27.05	26.90	26.82	26.85
22	27.00	26.94	26.98	27.01	26.94	26.97	27.08	27.02	27.05	26.87	26.81	26.84
23	26.99	26.94	26.97	26.99	26.94	26.97	27.08	26.98	27.05	26.90	26.78	26.85
24	27.01	26.95	26.97	27.00	26.93	26.97	27.08	27.01	27.04	27.08	26.58	26.86
25	27.01	26.94	26.97	26.99	26.94	26.97	27.09	27.01	27.05	26.95	26.79	26.89
26	27.06	26.94	27.00	26.99	26.94	26.97	27.13	27.01	27.06	27.01	26.81	26.88
27	27.03	26.96	26.99	26.99	26.94	26.96	27.88	27.03	27.27	27.06	26.81	26.88
28	27.02	26.95	26.98	27.00	26.93	26.96	27.54	27.01	27.10	27.15	26.81	26.91
29	27.00	26.95	26.97	27.25	26.92	27.00	27.08	27.01	27.04	26.92	26.80	26.83
30	---	---	---	27.31	26.95	27.04	27.10	27.01	27.04	26.94	26.80	26.83
31	---	---	---	27.39	26.91	27.07	---	---	---	27.31	26.81	26.98
MONTH	28.33	26.94	27.04	29.77	26.76	27.00	28.07	26.94	27.06	28.49	26.58	26.90

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	27.32	26.79	26.93	26.96	26.89	26.92	27.00	26.91	26.95	27.06	26.99	27.03
2	26.85	26.78	26.81	26.97	26.88	26.92	26.99	26.92	26.96	27.05	26.97	27.01
3	26.85	26.78	26.81	26.95	26.89	26.92	27.02	26.84	26.95	27.02	26.97	27.00
4	26.83	26.78	26.80	26.94	26.88	26.92	27.05	26.83	26.95	27.04	26.97	27.00
5	26.83	26.78	26.81	26.99	26.88	26.92	27.07	26.93	26.99	27.05	26.98	27.01
6	26.83	26.77	26.80	26.95	26.88	26.91	26.99	26.93	26.96	27.04	26.98	27.01
7	26.85	26.78	26.81	26.93	26.88	26.90	27.01	26.93	26.96	27.12	27.00	27.05
8	26.85	26.78	26.81	27.01	26.88	26.92	27.00	26.94	26.97	27.14	27.02	27.05
9	26.85	26.48	26.76	26.93	26.87	26.90	27.01	26.95	26.97	27.07	27.00	27.04
10	26.85	26.42	26.76	26.93	26.87	26.90	27.01	26.95	26.98	45.50	26.87	31.15
11	26.84	26.78	26.81	---	---	---	27.01	26.95	26.98	47.81	45.50	46.83
12	26.85	26.78	26.81	---	---	---	27.19	26.97	27.02	47.91	47.73	47.81
13	26.84	26.79	26.81	---	---	---	27.04	26.98	27.00	48.05	47.83	47.95
14	26.85	26.78	26.81	27.12	26.94	26.99	27.06	26.98	27.01	48.12	47.93	48.02
15	26.83	26.57	26.78	27.33	26.90	27.05	27.03	26.98	27.01	48.09	45.90	46.95
16	26.86	26.79	26.82	26.96	26.88	26.93	27.04	26.98	27.01	45.92	45.80	45.86
17	26.85	26.78	26.82	27.42	26.52	26.93	27.04	26.99	27.02	45.88	45.01	45.57
18	26.86	26.75	26.82	26.97	26.54	26.82	27.08	27.00	27.03	45.10	36.37	41.67
19	26.85	26.79	26.82	26.97	26.92	26.94	27.06	26.99	27.03	36.37	31.05	33.52
20	26.84	26.79	26.82	26.97	26.89	26.94	27.06	27.01	27.04	31.05	28.24	29.49
21	26.85	26.79	26.82	26.96	26.91	26.94	27.07	27.01	27.04	28.24	27.49	27.78
22	26.97	26.77	26.83	26.98	26.92	26.94	27.12	27.02	27.06	27.49	27.11	27.29
23	28.50	26.71	26.98	27.00	26.91	26.94	27.07	27.02	27.05	27.15	27.05	27.10
24	28.31	26.90	27.11	26.98	26.93	26.95	27.08	27.03	27.05	27.13	27.05	27.09
25	27.02	26.80	26.93	26.98	26.93	26.95	27.10	27.03	27.06	27.14	27.06	27.11
26	27.32	26.93	27.05	26.98	26.91	26.95	27.10	27.03	27.06	27.14	27.05	27.09
27	26.97	26.91	26.94	26.99	26.91	26.95	27.10	27.03	27.06	27.23	27.06	27.14
28	27.70	26.94	27.16	27.00	26.88	26.95	27.10	27.04	27.07	29.01	27.16	27.98
29	28.63	26.90	27.20	26.98	26.90	26.94	35.20	27.06	30.18	27.42	27.11	27.19
30	27.13	26.89	26.94	26.98	26.90	26.94	31.66	27.12	28.19	27.16	27.09	27.13
31	---	---	---	26.99	26.90	26.94	27.13	27.03	27.07	---	---	---
MONTH	28.63	26.42	26.87	---	---	---	35.20	26.83	27.15	48.12	26.87	32.70

SANTEE RIVER BASIN

02171500 SANTEE RIVER NEAR PINEVILLE, SC

LOCATION.--Lat 33°27'15", long 80°08'30", Berkeley County, Hydrologic Unit 03050112, on right bank 2.4 mi downstream from Lake Marion Dam, 3.0 mi upstream from Dead River, 6.7 mi west of Pineville, and at mile 85.0.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--May 1942 to current year.

GAGE.--Data collection platform. Datum of gage is 22.83 ft above NGVD of 1929 (from South Carolina Geodetic Survey benchmark). Prior to Feb. 25, 1943, nonrecording gage at site 2.2 mi upstream of temporary water-stage recorder operated by U.S. Army Corps of Engineers, at site 200 ft upstream, at different datum. One additional gage is used for computation of discharge at this station, which is located 2.4 mi upstream at Lake Marion Tailrace (see sta 02171001).

REMARKS.--Records poor. Discharge records for 1987-2004 water years are computed by utilization of a One-Dimensional unsteady flow simulation model (BRANCH). Flow completely regulated by Lake Marion (station 02171000). Water is diverted above station from Lake Marion through Diversion Canal into Lake Moultrie (station 02172000) for generation of power and for navigation, then discharged into Cooper River Basin (station 02172002) and lower Santee (station 02171645). During periods of incomplete gage-height record, values of daily mean discharge from Lake Marion Hydro and Spillway were obtained from the South Carolina Public Service Authority. These values are shown as estimated daily discharges. Seepage from north dike of Lake Marion Dam bypasses station via Little River (station 02171520).

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	628	658	615	e650	701	683	739	716	662	666	685	690
2	629	658	607	715	701	684	724	729	627	668	687	697
3	629	659	608	718	702	686	690	855	627	667	685	703
4	629	657	612	716	701	686	718	653	625	666	684	707
5	631	658	608	718	702	685	690	650	625	668	701	709
6	629	659	608	714	713	709	690	644	625	665	691	710
7	629	659	603	714	822	788	688	644	626	663	692	722
8	634	659	604	714	752	818	691	643	627	668	695	720
9	634	660	604	716	730	671	692	643	615	662	696	709
10	e650	659	609	711	718	682	692	644	614	662	698	3550
11	e650	687	833	708	695	680	691	643	627	e650	699	23300
12	e650	713	603	710	703	681	693	644	629	e650	710	32100
13	e650	734	651	711	694	681	778	643	628	e650	704	34400
14	645	708	613	709	694	678	850	641	629	695	704	34800
15	750	706	608	707	692	682	721	641	620	715	709	22300
16	668	707	607	711	683	683	719	641	629	678	712	13600
17	631	689	772	710	680	682	721	640	630	682	712	12700
18	629	676	734	710	674	682	718	640	631	645	718	6070
19	628	679	831	706	672	684	723	639	631	682	716	1200
20	627	e650	725	708	675	686	724	641	630	680	721	854
21	627	e650	717	711	695	694	722	640	630	680	722	737
22	630	e650	721	710	683	686	721	638	633	681	728	693
23	626	e650	719	709	684	685	720	638	685	681	726	668
24	628	e650	718	710	685	686	718	643	741	686	729	679
25	626	e650	723	711	685	685	721	651	675	685	730	696
26	626	682	722	713	691	685	722	648	714	685	733	698
27	649	680	721	713	688	685	796	650	680	687	732	712
28	660	1000	717	724	685	685	736	660	750	684	736	1040
29	666	1010	e650	701	683	696	716	636	768	683	2340	731
30	659	610	e650	701	---	708	718	635	667	683	1030	717
31	658	---	e650	703	---	713	---	681	---	684	690	---
TOTAL	19905	20767	20763	21982	20283	21519	21642	20354	19500	20901	23915	198612
MEAN	642	692	670	709	699	694	721	657	650	674	771	6620
MAX	750	1010	833	724	822	818	850	855	768	715	2340	34800
MIN	626	610	603	650	672	671	688	635	614	645	684	668

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1942 - 2004, BY WATER YEAR (WY)

MEAN	1898	831	1427	2530	3937	5601	4366	1349	1003	703	822	1348
MAX	27160	6745	17290	20400	36010	23690	19470	14820	10120	6185	8034	25500
(WY)	1965	1948	1949	1946	1960	1975	1973	1958	1973	1943	1967	1945
MIN	430	447	456	436	481	362	481	477	479	401	450	445
(WY)	1950	1953	1980	1991	1959	1947	1947	1947	1981	1942	1982	1982

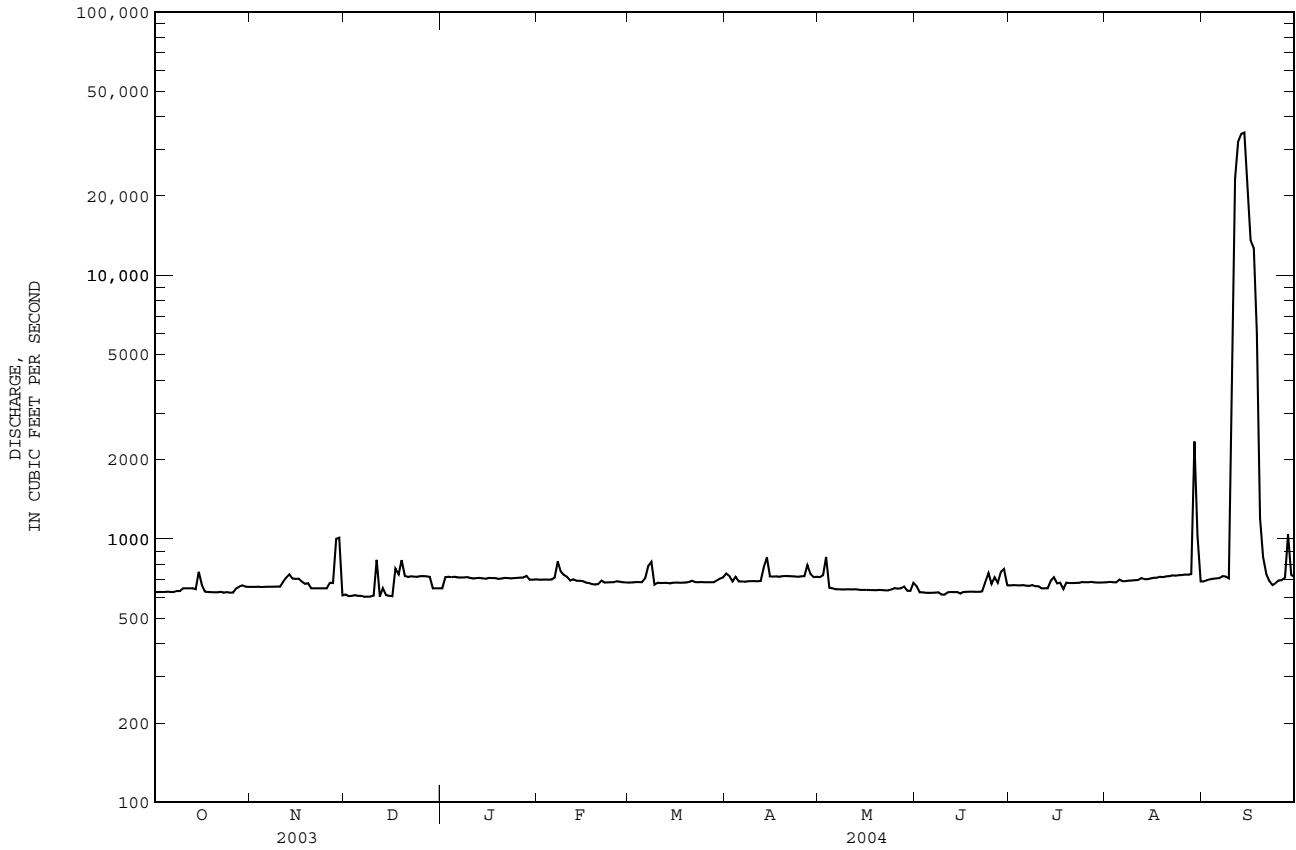
02171500 SANTEE RIVER NEAR PINEVILLE, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1942 - 2004	
ANNUAL TOTAL	1636363		430143		2141	
ANNUAL MEAN	4483		1175		7682	
HIGHEST ANNUAL MEAN					1960	
LOWEST ANNUAL MEAN					491	
HIGHEST DAILY MEAN	85400	Mar 24	34800	Sep 14	153000	Sep 22 1945
LOWEST DAILY MEAN	338	Apr 1	603	Dec 7	a 9	Feb 23 1947
ANNUAL SEVEN-DAY MINIMUM	543	Jul 1	607	Dec 3	25	Feb 17 1947
MAXIMUM PEAK FLOW			42000	Sep 14	b 155000	Sep 23 1945
MAXIMUM PEAK STAGE			23.65	Sep 15	31.10	Sep 23 1945
10 PERCENT EXCEEDS	16300		734		1500	
50 PERCENT EXCEEDS	654		685		549	
90 PERCENT EXCEEDS	591		629		488	

a Caused by repair work at spillway at Lake Marion.

b From rating curve extended above 13,000 ft³/s on basis of computation of peak flow over spillway at Lake Marion.

e Estimated



SANTEE RIVER BASIN

02171639 REDIVERSION CANAL AT ST. STEPHENS, SC

WATER-QUALITY RECORDS

LOCATION.--Lat 33°25'36'', long 79°55'50'', Berkeley County, Hydrologic Unit 03050201, at St. Stephens hydro-electric plant (COE), 1.0 mi from town of St. Stephens.

PERIOD OF RECORD.--Water years 2001 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: November 2000 to current year.

pH: November 2000 to current year.

WATER TEMPERATURE: November 2000 to current year.

DISSOLVED OXYGEN: November 2000 to current year.

INSTRUMENTATION.--Water quality multiprobe and data collection platform.

REMARKS.--Specific conductance records rated excellent except for Oct. 1-6, Mar. 26 to Apr. 8, Aug. 9-17, which are good. pH records rated excellent except for Oct. 1-5, 23-29, Dec. 23-29, Jan. 11-16, Jan. 23 to Feb 20, May 11-20, Sep. 6-19, which are good, Oct. 30 to Nov. 5, Nov. 21 to Dec. 4, Jan. 17-22, May 4-10, Sep. 20-26, which are fair and Nov. 5-20, Dec. 5-22, Sep. 27-30, which are poor. Temperature records rated excellent. Dissolved oxygen records rated excellent except for May 24 to June 10, Aug. 16, 17, which are good, June 11-14, which are fair, and June 15-24, which are poor.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 380 microsiemens, May 21, 2003; minimum, 52 microsiemens, May 22, 2003.

pH: Maximum, 8.8 units, May 19, 2004; minimum, 5.4 units, Sep. 22, 23, 2003.

WATER TEMPERATURE: Maximum, 31.7°C, July 20, 2002, July 15, 2004; minimum, 3.5°C, Jan. 4, 5, 2001.

DISSOLVED OXYGEN: Maximum, 15.6 mg/L, Jan. 9, 2002; minimum, 2.5 mg/L, Mar. 13, July 30, 2004.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 165 microsiemens, July 20; minimum, 63 microsiemens, Oct. 30, 31.

pH: Maximum, 8.8 units, May 19; minimum, 6.2 units, June 2-4.

WATER TEMPERATURE: Maximum, 31.7°C, July 15; minimum, 4.7°C, Jan. 28.

DISSOLVED OXYGEN: Maximum, 14.1 mg/L, Feb. 4-6; minimum, 2.5 mg/L, July 30.

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	94	65	70	86	64	69	79	74	75	102	89	93
2	94	66	75	88	64	69	78	74	75	106	90	94
3	77	66	70	96	64	71	82	74	76	110	89	94
4	89	66	72	77	65	67	78	71	74	107	87	92
5	82	65	71	76	65	68	75	69	71	94	87	88
6	80	65	71	77	65	68	73	69	71	99	87	90
7	111	66	73	71	65	67	76	70	72	97	90	94
8	93	66	71	76	66	69	76	70	71	101	96	98
9	108	65	72	74	67	69	77	70	72	106	97	100
10	94	65	71	71	66	68	99	70	78	100	97	98
11	73	66	68	85	66	70	72	70	71	99	95	97
12	103	66	73	77	66	69	75	71	72	97	94	95
13	80	65	69	82	66	69	77	73	75	99	92	96
14	99	64	74	82	65	69	80	72	75	99	92	94
15	88	64	70	68	65	66	76	72	74	109	93	97
16	76	64	67	75	66	69	80	74	76	99	95	97
17	82	64	70	114	67	77	77	74	74	100	97	98
18	77	64	70	99	68	80	81	74	76	112	96	101
19	90	65	72	78	67	72	88	75	80	106	96	99
20	78	65	68	69	64	67	91	87	89	99	96	98
21	70	65	66	70	64	65	93	83	91	100	97	98
22	85	65	69	74	64	67	90	78	84	123	93	98
23	71	66	68	68	65	66	93	83	86	100	94	96
24	71	66	67	73	66	67	94	81	86	104	94	97
25	78	66	70	68	66	67	87	82	83	---	---	---
26	95	66	72	68	66	67	91	86	88	---	---	---
27	94	66	73	72	67	69	101	91	93	106	93	97
28	75	65	68	70	66	68	100	94	96	99	93	95
29	73	64	67	71	68	69	97	93	95	103	95	97
30	80	63	68	76	70	72	97	90	93	110	97	102
31	77	63	67	---	---	---	95	89	92	117	95	104
MONTH	111	63	70	114	64	69	101	69	80	---	---	---

02171639 REDIVERSION CANAL AT ST. STEPHENS, SC--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	120	95	105	99	98	98	121	97	104	102	90	94
2	126	98	109	98	98	98	120	94	101	97	84	90
3	120	98	103	98	97	97	110	92	98	91	82	85
4	---	---	---	98	97	98	119	93	100	93	82	86
5	115	95	102	98	98	98	113	92	97	100	82	85
6	109	95	102	98	98	98	118	95	103	101	84	87
7	109	94	102	99	98	98	117	94	100	92	87	89
8	101	92	95	---	---	---	118	87	99	100	87	90
9	98	95	96	---	---	---	105	86	93	90	88	89
10	97	96	96	---	---	---	111	89	97	111	86	95
11	98	96	96	95	94	95	103	85	93	100	86	91
12	96	93	94	95	94	94	108	83	92	111	86	95
13	95	93	94	98	93	95	97	84	89	108	86	95
14	96	92	94	102	95	96	93	83	87	105	91	97
15	93	93	93	---	---	---	95	83	87	99	86	90
16	93	93	93	---	---	---	98	83	88	115	86	95
17	93	92	93	---	---	---	106	84	92	114	90	102
18	94	93	93	111	94	98	102	84	90	109	91	96
19	98	94	96	107	93	98	94	83	89	102	86	93
20	98	97	98	105	93	97	95	83	89	112	88	95
21	103	97	98	114	94	98	95	84	88	97	87	91
22	104	97	99	105	94	97	96	84	87	116	87	96
23	99	98	99	117	93	99	99	84	89	99	89	92
24	99	98	99	103	93	96	95	85	90	96	87	92
25	98	97	98	109	94	98	93	85	88	100	90	93
26	98	96	97	111	95	99	93	86	89	96	84	90
27	96	96	96	119	96	103	97	86	88	104	87	95
28	97	94	96	119	96	102	90	85	87	101	91	93
29	98	97	97	108	95	99	95	84	87	97	92	94
30	---	---	---	115	96	101	104	85	91	101	91	95
31	---	---	---	117	97	106	---	---	---	104	89	95
MONTH	---	---	---	---	---	---	121	83	92	116	82	92

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	98	89	93	96	92	93	123	101	107	97	95	96
2	105	91	94	94	91	92	108	92	99	106	97	100
3	100	88	92	94	91	92	106	91	97	111	99	103
4	100	92	95	94	92	93	101	93	94	125	98	106
5	101	93	96	96	94	95	104	93	95	116	99	104
6	99	92	95	100	94	96	102	93	97	114	102	106
7	103	92	99	98	95	96	136	98	109	117	93	101
8	120	95	103	101	95	96	124	100	107	97	96	97
9	101	91	95	100	95	96	133	101	109	99	97	97
10	102	91	97	109	95	98	125	98	108	100	99	100
11	117	94	102	109	94	98	123	102	107	100	98	99
12	102	90	97	121	95	100	104	96	100	98	98	98
13	102	93	94	114	95	98	97	96	97	98	97	98
14	109	93	97	134	95	102	102	97	99	98	97	98
15	105	93	96	113	96	100	110	102	105	99	98	99
16	97	88	92	112	97	100	120	102	109	100	99	100
17	96	90	92	127	97	106	132	105	113	100	99	100
18	127	94	100	123	97	107	145	99	114	104	100	101
19	101	91	96	116	98	106	140	100	115	106	102	104
20	121	92	102	165	101	114	140	97	112	102	100	101
21	109	94	100	121	97	107	135	102	108	100	99	100
22	97	92	94	112	97	102	107	100	103	100	99	100
23	110	92	97	122	100	106	115	100	105	100	94	96
24	106	90	95	123	98	105	117	100	106	94	94	94
25	100	90	93	126	99	109	136	101	110	94	93	94
26	96	91	93	121	101	109	119	106	113	93	92	93
27	102	93	96	117	103	110	125	102	110	92	91	92
28	98	93	95	118	103	111	117	98	106	91	86	88
29	98	91	94	116	102	107	100	84	93	86	82	85
30	93	91	92	120	104	107	96	86	93	84	81	83
31	---	---	---	119	97	105	96	95	96	---	---	---
MONTH	127	88	96	165	91	102	145	84	104	125	81	98

SANTEE RIVER BASIN

02171639 REDIVERSION CANAL AT ST. STEPHENS, SC--Continued

pH, water, unfiltered, field, standard units
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	6.4	6.2	7.2	7.0	7.6	7.4	7.8	7.4	7.3	6.9	7.8	7.7
2	6.6	6.2	7.3	7.1	7.6	7.5	7.8	7.3	7.2	6.9	7.7	7.5
3	6.5	6.3	7.3	7.0	7.6	7.4	8.0	7.2	7.2	6.9	7.6	7.4
4	6.4	6.2	7.2	7.0	7.6	7.4	8.0	7.3	---	---	7.9	7.4
5	6.6	6.2	7.2	7.0	7.4	7.3	8.0	7.3	7.1	6.8	7.9	7.6
6	6.6	6.3	7.2	6.9	7.5	7.3	7.5	7.2	7.1	6.9	7.9	7.4
7	6.6	6.3	7.1	7.0	7.5	7.3	7.6	7.2	7.1	6.9	7.6	7.4
8	6.5	6.2	7.2	7.0	7.5	7.3	7.6	7.1	7.3	6.9	---	---
9	6.6	6.3	7.3	7.1	7.4	7.3	7.5	7.1	7.7	7.2	---	---
10	6.6	6.4	7.3	7.1	7.3	7.1	7.5	7.3	7.8	7.3	---	---
11	6.5	6.4	7.2	7.1	7.4	7.3	7.5	7.1	8.0	7.4	7.6	7.4
12	6.6	6.4	7.2	6.9	7.5	7.3	7.5	7.1	7.9	7.5	7.6	7.3
13	6.5	6.4	7.4	7.1	7.5	7.3	7.3	7.0	7.8	7.3	7.4	7.1
14	6.8	6.4	7.4	7.2	7.4	7.3	7.3	7.0	7.7	7.4	7.4	7.1
15	6.9	6.5	7.5	7.3	7.4	7.2	7.3	6.9	7.5	7.3	---	---
16	6.9	6.5	7.5	7.3	7.5	7.2	7.2	7.0	7.5	7.2	---	---
17	6.8	6.7	7.4	7.1	7.4	7.3	7.3	7.0	7.4	7.2	---	---
18	6.9	6.7	7.4	7.1	7.5	7.2	7.2	6.9	7.4	7.2	7.1	6.9
19	6.9	6.8	7.4	7.2	7.6	7.4	7.1	6.8	7.6	7.3	7.1	6.9
20	6.9	6.7	7.5	7.0	7.6	7.4	7.2	6.9	7.7	7.4	7.1	6.9
21	6.9	6.7	7.5	7.4	7.6	7.4	7.3	6.9	7.6	7.3	7.2	6.9
22	6.9	6.7	7.5	7.4	7.6	7.3	7.3	6.7	7.5	7.1	7.4	7.1
23	6.9	6.8	7.5	7.4	7.7	7.5	7.2	6.9	7.6	7.4	7.4	7.2
24	6.9	6.8	7.5	7.3	7.8	7.5	7.3	6.9	7.6	7.4	7.4	7.3
25	6.9	6.7	7.7	7.4	8.1	7.6	---	---	7.5	7.4	7.4	7.2
26	7.0	6.8	7.6	7.4	8.1	7.7	---	---	7.4	7.3	7.4	7.3
27	7.0	6.7	7.5	7.3	8.0	7.6	7.1	6.8	7.5	7.3	7.4	7.2
28	7.2	6.9	7.5	7.3	8.0	7.7	7.2	6.8	7.6	7.4	7.4	7.2
29	7.2	7.1	7.6	7.4	8.0	7.6	7.2	7.0	7.7	7.5	7.3	7.1
30	7.2	7.0	7.6	7.4	8.0	7.6	7.1	6.8	---	---	7.3	7.1
31	7.2	7.0	---	---	7.9	7.4	7.3	7.0	---	---	7.3	7.1
MONTH	7.2	6.2	7.7	6.9	8.1	7.1	---	---	---	---	---	---

DAY	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	7.1	6.9	6.7	6.6	6.6	6.3	7.0	6.6	7.3	6.9	8.3	7.1
2	7.1	6.9	6.9	6.6	6.3	6.2	7.1	6.6	7.5	6.9	8.1	6.9
3	7.2	7.0	6.9	6.7	6.4	6.2	7.2	6.7	7.3	7.1	7.2	6.8
4	7.2	7.0	7.0	6.8	6.3	6.2	7.0	6.7	7.7	7.1	7.1	6.7
5	7.2	7.0	7.1	6.9	6.5	6.3	7.1	6.7	7.5	7.2	6.8	6.6
6	7.2	7.0	7.1	6.8	6.4	6.3	7.1	6.7	7.6	7.1	6.8	6.6
7	7.2	7.1	7.1	6.9	6.5	6.3	7.3	6.7	7.3	7.0	7.2	6.6
8	7.1	6.7	7.1	6.9	6.5	6.3	7.3	7.0	7.2	7.0	7.3	6.9
9	6.9	6.8	7.1	6.9	6.5	6.4	7.4	7.0	7.2	6.9	8.2	7.0
10	6.9	6.7	7.1	6.9	6.8	6.4	7.4	7.1	7.2	6.8	8.0	7.2
11	7.1	6.7	7.1	6.8	6.6	6.4	7.5	7.2	6.9	6.8	7.6	7.0
12	6.9	6.7	7.0	6.8	6.7	6.4	8.0	7.3	7.3	6.8	7.5	6.9
13	6.9	6.7	7.0	6.9	6.5	6.4	7.8	7.2	7.4	7.1	7.7	6.9
14	6.8	6.7	7.0	6.8	6.5	6.4	8.1	7.4	7.3	6.9	7.4	7.0
15	6.8	6.7	7.1	6.7	6.5	6.3	8.2	7.4	7.0	6.8	7.4	6.9
16	6.9	6.7	6.8	6.7	6.8	6.4	7.9	7.4	7.0	6.8	7.3	6.9
17	7.0	6.6	7.0	6.6	7.1	6.4	7.8	7.4	7.0	6.6	7.2	7.0
18	7.0	6.7	6.8	6.6	6.7	6.5	7.6	7.5	7.5	6.6	7.5	6.9
19	7.0	6.7	8.8	6.6	7.1	6.4	7.8	7.4	7.0	6.7	7.4	7.0
20	7.0	6.8	7.4	6.6	7.1	6.6	7.7	7.4	7.2	6.7	7.4	6.9
21	7.0	6.8	8.3	6.5	7.0	6.6	7.9	7.5	6.9	6.6	7.6	6.9
22	6.9	6.8	7.6	6.6	6.9	6.6	8.0	7.6	6.9	6.6	7.7	7.0
23	6.9	6.8	6.7	6.6	6.9	6.6	7.7	7.5	6.9	6.7	8.0	6.8
24	7.1	6.7	6.8	6.6	6.7	6.3	7.8	7.4	6.9	6.7	7.8	7.2
25	7.0	6.8	6.7	6.6	7.0	6.5	7.7	7.5	7.1	6.7	7.7	7.2
26	6.8	6.7	7.2	6.5	6.9	6.6	7.9	7.5	7.1	6.8	7.5	7.1
27	6.9	6.7	6.9	6.5	7.0	6.6	8.1	7.5	7.1	6.7	7.3	7.0
28	6.8	6.7	6.7	6.5	6.9	6.5	7.9	6.9	7.0	6.7	7.2	6.9
29	6.9	6.6	6.6	6.5	7.0	6.6	7.2	6.8	7.1	6.7	7.1	6.8
30	6.8	6.7	6.6	6.4	6.8	6.6	7.1	6.8	7.5	6.9	7.1	6.8
31	---	---	6.9	6.4	---	---	7.2	6.8	7.9	7.0	---	---
MONTH	7.2	6.6	8.8	6.4	7.1	6.2	8.2	6.6	7.9	6.6	8.3	6.6

SANTEE RIVER BASIN

02171639 REDIVERSION CANAL AT ST. STEPHENS, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	23.6	22.5	22.9	20.3	19.7	19.9	13.0	12.0	12.5	8.9	8.3	8.7
2	22.9	21.6	22.4	20.6	19.6	20.0	12.9	12.2	12.8	9.4	8.8	9.1
3	22.1	21.1	21.5	21.0	20.2	20.5	12.4	11.0	11.9	10.7	9.1	9.7
4	21.8	20.9	21.3	20.8	20.5	20.7	11.0	10.1	10.6	11.7	10.6	10.9
5	21.9	21.1	21.5	21.9	20.7	21.2	10.7	10.4	10.6	12.3	11.2	11.6
6	22.7	21.7	22.1	23.4	21.8	22.5	10.7	9.5	10.3	12.5	11.4	12.2
7	23.1	22.5	22.7	23.6	23.0	23.3	9.9	9.4	9.8	11.4	9.3	10.1
8	23.4	22.7	23.0	23.2	21.7	22.8	10.1	9.6	9.8	9.5	9.1	9.3
9	23.6	22.8	23.1	21.7	19.2	20.7	10.6	9.8	10.3	9.4	8.7	9.2
10	22.8	22.6	22.8	19.2	17.4	18.0	11.6	10.5	10.8	8.7	7.7	8.3
11	22.8	22.1	22.6	17.4	16.9	17.1	11.7	10.2	10.9	7.7	6.6	7.1
12	22.6	21.8	22.2	17.8	16.9	17.2	10.6	9.8	10.2	7.6	6.6	7.1
13	22.4	21.6	22.0	18.0	17.6	17.8	10.5	9.9	10.2	8.0	7.0	7.4
14	22.9	22.3	22.5	17.7	16.5	17.4	10.1	9.4	9.8	8.4	7.9	8.0
15	23.1	22.4	22.7	16.5	15.7	16.0	9.4	8.9	9.2	9.0	7.9	8.4
16	22.8	21.7	22.4	16.3	15.6	15.8	10.2	9.1	9.5	9.0	8.0	8.4
17	21.8	21.0	21.5	16.5	16.1	16.3	10.2	9.7	10.1	8.3	8.0	8.1
18	21.6	20.7	21.0	18.5	16.2	16.8	9.7	8.4	8.9	10.7	8.1	8.8
19	21.0	20.6	20.8	18.7	18.3	18.5	9.0	8.2	8.6	10.6	9.6	10.2
20	21.2	20.5	20.8	18.9	17.2	18.2	8.5	7.5	7.9	9.6	7.9	8.6
21	21.6	20.8	21.1	17.2	16.8	17.0	7.7	6.6	7.1	8.2	7.4	7.8
22	21.7	21.0	21.2	17.8	16.7	17.0	7.7	7.3	7.4	9.1	7.8	8.3
23	21.1	20.4	20.9	17.8	17.3	17.6	9.1	7.4	7.8	8.4	7.9	8.2
24	20.4	19.3	20.0	18.1	17.6	17.8	10.2	9.1	9.4	8.6	7.5	8.0
25	19.7	18.9	19.4	18.0	16.3	17.2	10.0	8.7	9.2	---	---	---
26	20.6	19.4	19.8	16.5	15.8	16.1	8.7	8.0	8.3	---	---	---
27	21.0	20.5	20.7	16.9	16.3	16.4	8.5	7.8	8.1	6.7	6.2	6.5
28	21.0	20.4	20.9	17.1	16.4	16.8	8.9	7.9	8.2	6.2	4.7	5.7
29	20.7	20.1	20.3	16.4	12.8	14.5	8.9	8.4	8.5	5.8	5.1	5.4
30	20.8	19.8	20.2	12.8	12.3	12.6	9.7	8.8	9.2	6.1	5.4	5.8
31	20.7	19.8	20.2	---	---	---	9.4	8.5	8.8	6.9	5.7	6.1
MONTH	23.6	18.9	21.5	23.6	12.3	18.1	13.0	6.6	9.6	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	6.1	5.5	5.7	10.0	8.7	9.4	16.9	16.3	16.6	23.5	23.1	23.3
2	6.4	5.3	5.8	10.9	10.0	10.4	16.6	15.4	16.3	23.9	23.0	23.3
3	6.7	6.1	6.4	12.0	10.9	11.5	15.6	15.2	15.4	23.9	22.8	23.4
4	---	---	---	13.2	12.0	12.7	15.9	15.0	15.4	22.8	21.2	22.1
5	7.3	6.5	6.9	13.9	12.7	13.1	16.0	15.0	15.6	22.4	21.0	21.4
6	9.0	7.2	8.0	14.1	13.6	13.8	16.4	15.3	15.7	23.7	21.5	22.5
7	9.8	8.4	9.1	15.7	13.6	14.2	16.3	15.2	15.8	25.1	23.5	24.1
8	10.5	8.4	9.4	---	---	---	17.2	16.0	16.6	26.4	24.6	25.3
9	8.6	7.9	8.2	---	---	---	18.2	16.8	17.5	26.7	25.8	26.2
10	8.5	8.0	8.2	---	---	---	19.5	17.6	18.6	26.3	25.4	25.8
11	8.8	8.3	8.5	12.8	11.6	11.9	21.0	18.9	20.0	26.2	25.8	26.0
12	8.7	8.1	8.4	12.7	12.1	12.3	21.0	19.8	20.5	26.2	25.7	25.9
13	8.9	7.9	8.3	13.3	12.2	12.7	21.1	20.4	20.7	26.1	25.5	25.8
14	8.6	8.1	8.4	13.2	12.3	12.8	20.4	19.0	19.6	26.5	25.3	25.8
15	8.5	8.1	8.3	---	---	---	19.6	18.2	19.1	26.9	25.3	26.2
16	8.7	7.8	8.2	---	---	---	18.8	17.6	18.1	27.2	26.2	26.6
17	8.3	7.2	7.6	---	---	---	19.6	17.5	18.5	28.6	26.0	27.0
18	8.2	6.9	7.4	16.1	14.9	15.5	20.7	18.9	19.8	26.9	26.0	26.4
19	9.0	7.5	8.1	16.9	15.4	16.2	21.5	19.9	20.8	28.1	26.0	26.6
20	9.8	8.1	8.7	17.1	16.2	16.6	22.1	20.8	21.4	28.0	26.8	27.4
21	10.7	9.2	9.8	17.0	16.3	16.6	22.6	21.5	22.0	28.9	26.7	27.3
22	10.6	9.7	10.3	16.5	14.5	15.6	23.2	21.5	22.2	28.7	27.7	28.2
23	10.6	9.7	10.0	15.0	14.0	14.4	23.7	22.4	23.1	28.5	27.6	27.9
24	10.5	10.1	10.2	14.4	13.7	14.0	25.1	22.9	24.1	28.9	27.8	28.2
25	10.5	9.3	10.1	14.9	13.7	14.3	25.3	24.2	24.7	28.6	27.8	28.2
26	9.3	8.0	8.8	15.9	14.5	15.3	25.3	24.2	24.7	29.9	28.0	28.9
27	8.0	6.9	7.5	17.2	15.5	16.3	25.4	24.4	24.8	29.6	28.7	29.2
28	7.3	6.0	6.6	18.6	17.0	17.8	24.8	23.9	24.3	29.1	28.5	28.8
29	8.7	7.3	8.1	18.9	17.6	18.3	24.5	23.6	23.9	29.4	28.4	28.8
30	---	---	---	18.6	17.3	18.0	24.3	23.3	23.7	29.1	28.3	28.6
31	---	---	---	17.5	16.8	17.2	---	---	---	29.8	28.3	29.0
MONTH	---	---	---	---	---	---	25.4	15.0	20.0	29.9	21.0	26.3

SANTEE RIVER BASIN

02171639 REDIVERSION CANAL AT ST. STEPHENS, SC--Continued

Temperature, water, degrees Celsius
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	29.5	28.3	29.0	28.6	28.0	28.2	30.3	29.6	29.9	28.3	26.9	27.5
2	28.9	28.2	28.5	28.9	28.3	28.6	29.9	29.3	29.5	28.3	27.9	28.1
3	29.0	28.3	28.7	29.3	28.6	28.9	30.1	29.2	29.4	28.1	27.4	27.8
4	28.7	28.2	28.5	29.6	28.9	29.2	30.5	29.3	29.7	28.5	27.3	27.6
5	29.2	28.5	28.8	30.4	29.3	29.7	31.0	30.1	30.5	27.6	27.1	27.4
6	28.9	28.3	28.6	31.0	30.0	30.4	30.9	29.7	30.4	27.1	26.7	26.9
7	28.8	28.0	28.2	31.5	30.5	30.9	30.0	28.9	29.6	26.7	26.0	26.4
8	28.7	28.0	28.3	31.6	30.8	31.1	29.9	28.6	29.1	26.6	25.8	26.1
9	28.3	27.8	28.1	31.3	30.4	30.8	29.7	28.3	28.8	27.5	25.7	26.4
10	29.2	27.8	28.3	30.6	30.0	30.3	28.8	27.9	28.3	27.3	26.4	26.8
11	29.1	28.2	28.6	30.9	29.8	30.1	28.3	27.8	28.0	26.8	26.0	26.3
12	30.2	28.0	29.0	31.1	29.9	30.2	28.5	27.2	27.8	26.3	25.2	25.7
13	28.8	28.4	28.6	31.3	30.3	30.6	27.2	26.4	26.6	26.0	25.4	25.7
14	28.6	28.0	28.3	31.5	30.3	30.6	26.6	26.0	26.3	25.5	24.9	25.2
15	28.0	27.8	27.9	31.7	30.7	30.9	26.6	26.3	26.4	25.3	24.6	24.9
16	28.4	27.7	28.0	31.1	30.6	30.8	26.9	26.2	26.6	26.1	25.0	25.5
17	29.5	27.8	28.5	31.0	29.3	30.6	27.0	26.5	26.7	26.4	25.6	25.9
18	29.0	28.3	28.6	30.3	29.5	29.9	28.0	26.5	26.9	25.6	24.7	25.2
19	30.2	28.2	28.8	30.2	29.5	29.7	27.6	26.9	27.2	25.3	24.0	24.5
20	30.9	29.1	29.8	31.4	29.5	30.1	29.0	27.0	28.0	24.1	22.4	23.1
21	29.9	28.7	29.3	30.4	29.6	29.9	28.6	28.0	28.3	23.6	22.2	22.8
22	29.4	28.6	29.0	30.4	29.4	29.8	29.1	28.2	28.6	23.9	22.5	23.1
23	29.6	28.9	29.1	30.1	29.6	29.8	29.6	28.6	28.9	24.2	23.1	23.6
24	29.7	28.8	29.1	30.8	29.5	30.0	29.3	28.4	28.9	23.9	23.1	23.4
25	29.9	28.7	29.0	30.8	30.1	30.3	30.0	28.3	29.0	23.9	22.9	23.3
26	29.4	28.4	28.9	31.2	29.7	30.3	28.9	28.1	28.4	23.7	22.9	23.2
27	29.2	28.1	28.5	30.9	29.8	30.3	28.7	27.8	28.1	24.0	23.0	23.4
28	29.0	28.3	28.5	30.9	29.9	30.2	28.8	27.6	28.0	24.5	23.7	24.0
29	29.1	28.2	28.5	30.3	29.6	30.0	27.9	25.0	26.5	25.4	23.8	24.4
30	29.5	28.4	28.9	30.2	29.6	29.9	27.7	25.1	26.0	25.4	24.4	24.8
31	---	---	---	30.8	29.6	30.1	28.0	26.9	27.4	---	---	---
MONTH	30.9	27.7	28.7	31.7	28.0	30.1	31.0	25.0	28.2	28.5	22.2	25.3

02171639 REDIVERSION CANAL AT ST. STEPHENS, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	8.5	7.6	8.0	9.0	8.0	8.5	10.8	10.1	10.4	12.2	11.2	11.7
2	8.5	6.9	7.7	9.6	8.0	8.6	11.1	10.1	10.4	12.2	10.7	11.8
3	9.0	7.1	8.2	9.4	7.9	8.6	11.3	9.8	10.4	12.5	10.6	11.7
4	8.3	7.4	7.9	8.7	7.7	8.3	11.3	10.6	10.8	12.5	11.1	11.9
5	8.4	7.3	8.0	8.5	7.6	8.2	11.4	10.5	10.8	12.2	10.6	11.5
6	8.3	7.1	7.8	8.3	7.1	7.8	11.4	10.4	10.8	11.4	10.6	11.0
7	8.4	7.2	7.8	8.3	7.4	7.8	11.5	10.8	11.1	11.6	10.8	11.1
8	8.3	7.2	7.8	8.3	7.3	7.7	11.5	10.8	11.1	12.3	11.0	11.5
9	8.4	7.5	7.8	8.7	7.6	8.2	11.2	10.4	10.8	11.8	11.1	11.4
10	7.8	6.9	7.4	9.5	8.2	8.9	11.1	10.2	10.5	11.8	11.3	11.5
11	8.0	7.2	7.5	9.9	8.7	9.1	11.2	10.5	10.7	12.1	11.5	11.8
12	8.0	6.9	7.4	9.3	8.8	9.0	11.4	10.6	11.0	12.3	11.8	12.0
13	8.4	6.8	7.5	9.6	8.7	9.1	11.3	10.8	11.0	12.5	11.6	12.0
14	7.8	6.8	7.2	9.5	8.4	8.9	11.3	10.7	11.0	12.4	11.7	12.1
15	8.6	7.0	7.4	9.7	9.0	9.4	11.5	10.7	11.0	12.3	11.2	11.6
16	8.2	7.1	7.8	9.3	8.9	9.1	11.8	10.8	11.2	12.1	11.5	11.8
17	10.0	7.4	8.5	9.3	7.8	8.6	11.5	11.0	11.2	12.3	11.7	12.0
18	8.9	7.3	8.0	9.6	8.4	8.7	11.8	10.7	11.2	12.0	11.3	11.6
19	8.6	7.7	8.1	9.7	8.5	8.9	11.8	11.2	11.5	11.8	10.8	11.2
20	10.0	7.8	8.7	9.2	8.5	8.8	12.1	11.4	11.7	11.9	11.2	11.5
21	9.4	7.8	8.4	9.6	8.4	9.0	12.1	11.8	12.0	12.1	11.5	11.9
22	9.1	7.4	8.2	9.9	7.9	8.8	12.3	11.5	11.9	12.5	10.6	12.0
23	8.6	7.9	8.3	10.1	8.8	9.3	12.2	11.1	11.7	12.1	11.5	11.9
24	8.6	8.0	8.4	9.6	8.8	9.2	12.3	11.4	11.7	12.3	11.6	11.9
25	9.4	7.6	8.7	10.2	8.8	9.4	12.3	11.6	11.9	---	---	---
26	8.8	6.9	8.3	10.0	9.4	9.7	12.4	11.9	12.0	---	---	---
27	8.6	5.5	7.4	10.0	9.2	9.5	12.3	11.8	12.0	12.7	11.8	12.1
28	8.4	7.8	8.2	9.9	9.3	9.6	12.3	11.8	12.0	13.3	11.8	12.6
29	8.7	7.6	8.2	10.7	9.1	9.7	12.3	11.8	12.0	13.4	12.7	13.0
30	9.1	7.5	8.3	10.7	10.0	10.3	12.2	11.5	11.8	12.9	12.3	12.6
31	9.1	8.1	8.6	---	---	---	12.0	11.3	11.7	13.6	12.3	12.6
MONTH	10.0	5.5	8.0	10.7	7.1	8.9	12.4	9.8	11.3	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	13.6	12.3	12.8	12.3	12.2	12.3	8.4	5.2	6.9	4.4	3.7	4.0
2	13.7	12.4	12.8	12.2	11.8	12.0	9.3	5.8	7.5	6.0	3.4	4.3
3	12.8	12.2	12.5	11.9	10.8	11.5	9.3	7.0	8.4	7.5	5.7	6.5
4	---	---	---	11.3	10.4	10.9	9.3	6.5	8.2	8.1	6.8	7.4
5	14.0	12.3	13.0	11.7	10.6	11.2	9.2	7.1	8.3	8.2	6.6	7.6
6	14.1	11.2	12.3	11.5	10.8	11.0	9.1	6.2	7.4	8.4	7.0	7.7
7	12.1	11.0	11.5	10.8	10.0	10.5	9.1	6.5	7.5	8.4	6.8	7.6
8	12.1	10.9	11.2	---	---	---	8.9	6.0	7.2	8.0	6.3	7.1
9	12.6	11.8	12.1	---	---	---	8.6	6.4	7.7	7.9	6.6	7.3
10	12.9	12.1	12.4	---	---	---	7.8	5.3	6.5	7.7	5.9	6.4
11	12.9	12.0	12.6	10.9	10.5	10.6	8.9	5.0	6.7	7.4	5.6	6.3
12	12.7	12.2	12.4	10.8	10.4	10.6	8.4	5.0	6.5	7.4	5.8	6.4
13	13.2	12.1	12.4	12.2	10.3	10.5	7.5	4.8	6.2	7.0	5.7	6.2
14	13.2	12.2	12.5	10.8	9.7	10.3	7.4	5.3	6.2	6.3	4.8	5.5
15	12.5	12.0	12.1	---	---	---	7.9	5.2	6.1	7.6	4.6	6.1
16	12.7	11.8	12.1	---	---	---	8.0	5.4	6.5	6.6	5.2	5.9
17	12.3	11.9	12.1	---	---	---	8.0	6.1	7.1	6.7	4.7	5.5
18	12.3	11.9	12.1	9.5	8.0	8.9	8.1	5.6	6.8	5.9	4.6	5.0
19	12.5	12.0	12.2	9.1	7.1	8.3	8.0	5.3	6.6	9.0	4.4	5.3
20	12.7	12.1	12.4	9.2	6.2	7.8	8.3	5.0	6.5	8.2	5.8	7.0
21	12.6	11.7	12.0	9.1	6.2	7.9	8.2	5.0	6.4	8.0	5.5	6.1
22	12.2	11.4	11.8	9.3	6.0	8.5	8.4	4.9	6.5	7.7	5.3	6.4
23	12.2	11.9	12.1	9.6	7.7	8.9	8.4	4.7	6.4	5.6	4.3	4.9
24	12.8	11.8	12.1	10.0	8.6	9.5	7.3	4.7	6.2	6.2	3.9	4.9
25	11.9	11.7	11.8	11.3	8.0	9.3	6.6	4.4	5.2	5.2	4.4	4.8
26	11.9	11.4	11.6	9.5	7.8	8.9	4.6	3.9	4.2	7.6	4.1	5.5
27	12.4	11.7	11.9	9.3	7.1	8.3	4.9	3.9	4.3	6.0	4.5	5.3
28	12.4	12.1	12.3	8.9	6.2	7.7	5.3	4.0	4.5	5.6	4.3	4.9
29	12.3	12.2	12.3	8.3	5.7	7.2	6.8	4.0	5.1	5.2	4.4	4.7
30	---	---	---	8.3	6.1	7.2	5.6	3.5	4.4	4.7	3.3	4.1
31	---	---	---	8.5	4.6	6.6	---	---	---	6.5	3.0	4.2
MONTH	---	---	---	---	---	---	9.3	3.5	6.5	9.0	3.0	5.8

SANTEE RIVER BASIN

02171639 REDIVERSION CANAL AT ST. STEPHENS, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	5.6	4.8	5.2	8.0	6.4	7.1	7.1	4.3	5.3	8.9	7.4	8.0
2	4.8	4.0	4.4	7.9	6.7	7.2	7.4	4.6	5.8	8.6	7.0	8.0
3	7.3	3.8	5.7	7.6	6.7	7.2	7.5	6.3	6.8	7.7	5.9	7.1
4	4.0	3.3	3.6	7.5	6.7	7.1	7.8	6.4	7.0	7.5	6.1	6.9
5	5.3	3.6	4.8	7.5	6.6	7.0	7.5	6.6	7.2	7.1	6.3	6.7
6	4.9	3.5	4.2	7.7	6.3	6.9	7.6	6.6	7.1	7.0	5.9	6.4
7	5.6	2.7	4.2	7.6	6.7	7.0	7.5	6.3	6.9	7.8	5.8	6.7
8	5.4	4.2	4.7	7.3	6.4	6.8	7.5	6.1	6.8	7.9	7.1	7.5
9	5.9	4.1	5.3	7.3	6.1	6.7	7.7	5.8	6.5	8.9	7.2	7.9
10	6.8	4.8	5.4	6.9	6.1	6.5	8.1	5.3	6.4	8.5	7.6	8.1
11	6.5	4.2	5.5	7.2	6.1	6.7	6.2	5.0	5.5	8.1	7.2	7.7
12	6.5	4.2	5.1	7.5	6.2	6.6	7.5	4.6	6.3	8.2	7.0	7.6
13	4.7	3.8	4.1	7.3	5.9	6.6	7.5	6.9	7.2	8.4	7.3	7.8
14	5.7	4.4	4.9	7.4	6.1	6.5	7.3	6.4	6.9	8.2	7.4	7.8
15	4.9	4.1	4.5	7.4	5.9	6.5	6.4	5.7	6.0	8.1	7.3	7.7
16	10.3	4.5	7.1	7.9	5.9	6.7	7.2	5.1	6.1	8.0	7.2	7.6
17	10.0	5.4	7.7	7.1	6.1	6.5	7.0	5.3	6.3	7.7	7.1	7.4
18	6.7	5.3	6.0	6.6	5.7	6.1	8.7	5.3	6.3	8.3	7.0	7.5
19	8.5	4.5	5.5	7.2	5.4	6.1	7.4	5.1	6.5	8.5	7.3	7.9
20	7.5	5.8	6.6	7.3	5.2	5.9	8.5	5.8	7.0	8.6	7.8	8.2
21	6.8	4.9	5.8	7.4	5.2	6.2	6.5	5.0	5.7	8.7	7.8	8.3
22	7.2	4.8	5.6	7.0	5.9	6.4	6.7	4.9	5.8	8.8	7.9	8.3
23	7.2	5.2	6.1	6.6	5.5	6.1	7.8	5.9	6.4	9.1	8.1	8.6
24	6.8	6.0	6.4	6.7	5.1	5.6	7.3	5.9	6.4	8.8	8.0	8.4
25	8.0	6.2	7.0	7.2	5.5	6.3	7.6	5.7	6.5	8.8	7.8	8.3
26	7.5	6.5	7.0	7.0	5.2	5.9	7.3	5.7	6.5	8.4	7.8	8.1
27	7.4	6.4	6.9	7.0	5.2	5.8	7.3	5.1	6.0	8.2	7.6	7.8
28	7.8	6.3	7.0	6.7	4.7	5.5	7.5	5.2	6.2	7.9	7.3	7.6
29	7.9	6.7	7.2	6.3	3.1	4.3	9.1	6.6	7.4	7.9	7.2	7.5
30	7.4	6.8	7.2	4.8	2.5	3.2	8.3	7.2	7.6	8.3	7.4	7.8
31	---	---	---	7.0	3.1	5.1	8.5	7.3	7.9	---	---	---
MONTH	10.3	2.7	5.7	8.0	2.5	6.3	9.1	4.3	6.5	9.1	5.8	7.7

02171645 REDIVERSION CANAL AT SANTEE RIVER NEAR ST. STEPHENS, SC

LOCATION.--Lat 33°25'39'' (revised), long 79°54'54'' (revised), Berkeley County, Hydrologic Unit 03050112, on right bank, 0.2 mi downstream from St. Stephens Powerhouse, 3.8 mi upstream from Santee River, and 1.0 mi north of St. Stephens.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--October 1986 to current year.

REVISED RECORDS.--WRD SC-2004-1: Latitude and longitude.

GAGE.--Data collection platform and acoustic velocity meter. Datum of gage is NGVD of 1929.

REMARKS.--Records good except for Dec. 10 to April 2, which are fair, and estimated daily discharges, which are poor. Flow is regulated by the St. Stephens Powerhouse and affected during low-flow by astronomical tides. The astronomical tides occur at primary harmonic periods of 12.42 hours for semi-diurnal tides and 24.84 hours for diurnal tides. Computed 24-hour daily mean discharge for this site may be affected by aliasing due to tides and, thus, may contain spurious fluctuations or oscillations that are not indicative of net downstream discharge. Water is diverted above station from Lake Moultrie for generation of power and for navigation, then discharged into the West Branch Cooper River (see station 02172002). During periods of incomplete gage-height or velocity record, values of daily mean discharge from St. Stephens Powerhouse were obtained and used to estimate daily discharges. Discharge records for the 1987-2000 water years are computed by utilization of the One-Dimensional unsteady flow simulation model (BRANCH) and are poor.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2520	e2340	e9250	5530	175	6530	2070	122	118	8780	63	19500
2	2980	e2800	e5860	5440	44	6410	3430	2300	128	10300	5280	540
3	2560	e2710	e5990	5970	116	6450	2730	3580	103	9140	6020	198
4	2910	e2140	e5950	5510	970	13400	2630	5330	104	9270	8580	1050
5	3010	e2590	e6290	5260	254	13600	3440	5650	97	8890	5950	149
6	2480	e2490	e7280	5330	247	13200	1780	6020	100	9150	311	85
7	2210	e2580	e6150	10100	1070	12100	1520	5840	759	5700	72	10500
8	1690	e2570	e5960	6150	6420	8610	1370	5540	72	3330	41	23100
9	1940	e2340	e2440	5680	10400	8140	1630	3140	1300	2880	55	23300
10	1880	e2360	e5340	9610	10800	7320	289	3110	200	2210	144	23500
11	1980	e1910	6250	11100	13400	8170	1440	916	136	3220	99	24000
12	1710	e2740	10800	5300	14000	7040	1540	632	170	3310	12000	24900
13	1990	1930	6180	5750	14500	4230	1430	302	62	2800	22400	24900
14	2160	4160	5680	3800	14200	4610	1560	105	104	2910	8900	24700
15	2020	3440	6390	5970	16800	4450	1480	2560	143	2740	367	24800
16	1860	2550	10500	6010	18000	4270	1300	647	323	1210	972	25500
17	2050	198	13100	5790	20200	3190	989	117	731	1200	162	25200
18	1760	1870	11300	4340	20300	3760	755	128	97	168	136	24600
19	1990	e3270	13800	4900	20100	3210	712	809	725	623	134	24300
20	2470	e4590	12800	7490	17400	2950	899	137	66	118	510	23800
21	2880	e6150	12100	9720	10100	3100	1490	423	78	1920	66	23300
22	3310	e5120	5410	4210	6750	5180	1300	121	899	1290	46	23200
23	2970	e6930	5670	5650	8070	3220	836	87	1300	145	37	23100
24	3240	e5720	4710	5140	6720	3330	262	62	2060	1060	16	23000
25	2890	e9110	11000	5740	6710	3230	239	40	2940	171	20	22800
26	2950	e9020	11000	4630	6690	2910	134	341	2900	99	57	22600
27	3230	e8400	11200	e5000	6740	1850	158	60	2850	129	81	23000
28	3000	e8600	12200	5280	9090	2100	113	49	6090	118	2500	23500
29	3150	e8930	11400	2950	7430	2160	445	113	6240	107	15500	23300
30	3590	e9040	11300	197	---	2040	142	115	9240	75	20500	23500
31	3160	---	5790	1440	---	1970	---	152	---	761	20100	---
TOTAL	78540	128598	259090	174987	267696	172730	38113	48548	40135	93824	131119	579922
MEAN	2534	4287	8358	5645	9231	5572	1270	1566	1338	3027	4230	19330
MAX	3590	9110	13800	11100	20300	13600	3440	6020	9240	10300	22400	25500
MIN	1690	198	2440	197	44	1850	113	40	62	75	16	85

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1987 - 2004, BY WATER YEAR (WY)

	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
MEAN	5277	6223	10790	12320	12830	14790	11850	7659	4917	4139	5683	5305						
MAX	16820	21590	24130	22410	23980	23900	24150	23930	22620	20260	23380	19330						
(WY)	1996	1996	1993	1998	1998	1987	1998	1991	2003	2003	1991	2004						
MIN	30.2	98.1	17.9	90.0	151	266	276	172	18.8	1.00	6.84	4.83						
(WY)	1994	2001	2001	2001	2001	2002	2002	2001	1988	1988	2000	2000						

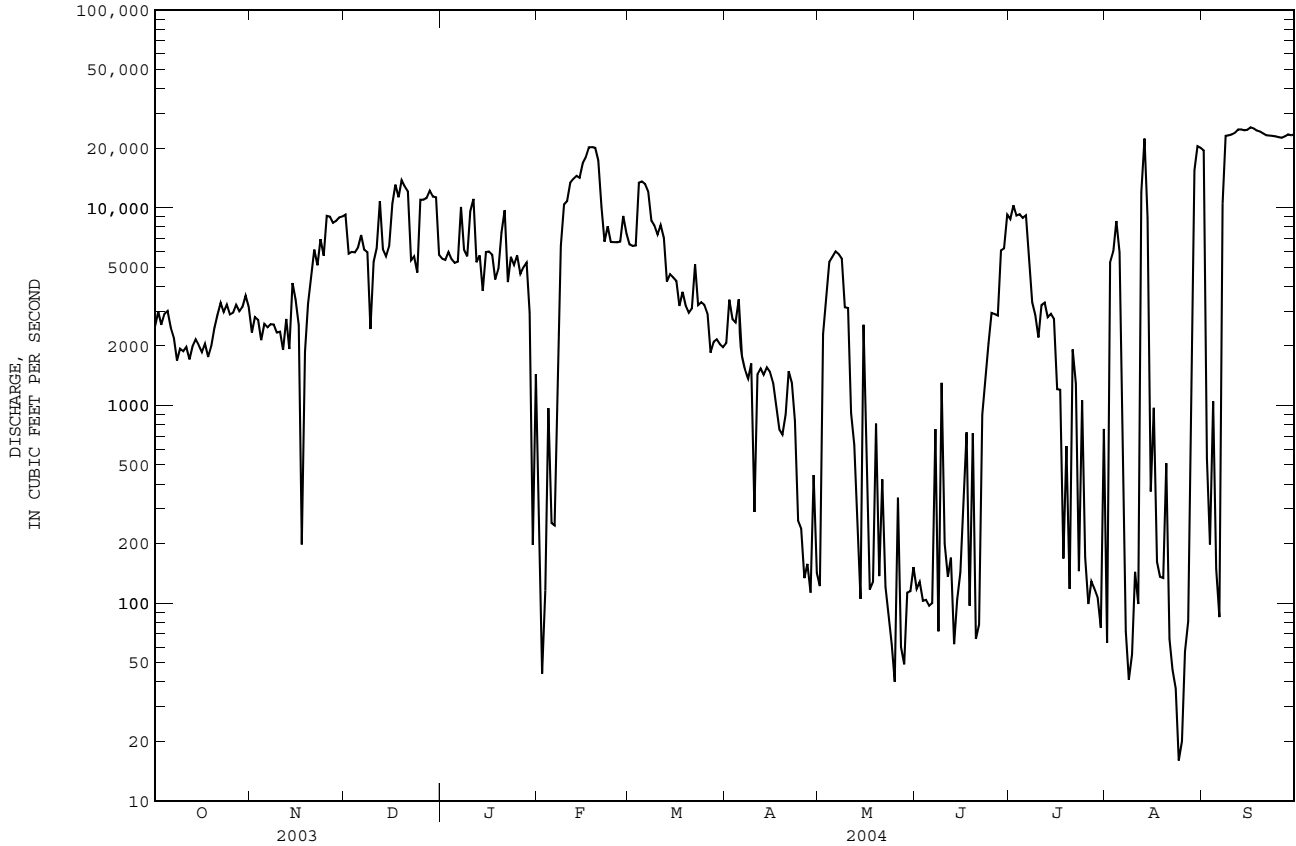
SANTEE RIVER BASIN

02171645 REDIVERSION CANAL AT SANTEE RIVER NEAR ST. STEPHENS, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1987 - 2004	
ANNUAL TOTAL	5273898		2013302		8465	
ANNUAL MEAN	14450		5501		14760	
HIGHEST ANNUAL MEAN					2003	
LOWEST ANNUAL MEAN					185	
HIGHEST DAILY MEAN	26000	Jan 2	25500	Sep 16	31200	Nov 17 1989
LOWEST DAILY MEAN	34	Jan 26	16	Aug 24	-155	Jun 25 1993
ANNUAL SEVEN-DAY MINIMUM	303	Jan 26	46	Aug 21	0.00	Oct 1 1986
MAXIMUM PEAK FLOW			27800		31200	
MAXIMUM PEAK STAGE			25.97		a 30.59	
10 PERCENT EXCEEDS	23800		14100		22700	
50 PERCENT EXCEEDS	18700		3000		5570	
90 PERCENT EXCEEDS	2290		116		2.0	

a Caused by backwater from the Santee River.

e Estimated



SANTEE RIVER BASIN

340

02171700 SANTEE RIVER NEAR JAMESTOWN, SC

LOCATION.--Lat 33°18'17''. long 79°40'42'', Berkeley County, Hydrologic Unit 03050112, at downstream side of bridge on U.S. Highway 17A, 0.7 mi below Wittee Branch, 0.1 mi upstream from Seaboard Coastline Railroad, 1.5 mi northeast of Jamestown, and at mile 36.4.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Discharge records are available for the period October 1986 to current year. Gage height records are available for the periods January 1974 to July 1976, September 1977 to current year. Gage height records July 1976 to September 1977 are in reports of the National Ocean Survey. April 1929 to current year (gage heights only) are in reports of the National Weather Service.

GAGE.--Data collection platform and acoustic velocity meter. Datum of gage is NGVD of 1929 (levels by South Carolina Public Service Authority). Prior to Jan. 4, 1974, nonrecording gage at same site and datum. Prior to Nov. 19, 1963, nonrecording gage at Seaboard Railroad trestle, 400 ft downstream and at same datum.

REMARKS.--Records fair. Discharge affected by regulation from Lake Marion (see sta 02171000) and redirection from St. Stephens powerplant (see sta 02171645), and during low-flow periods by astronomical tides. The astronomical tides occur at primary harmonic periods of 12.42 hours for semi-diurnal tides and 24.84 hours for diurnal tides. Computed 24-hour daily mean discharge for this site may be affected by aliasing due to tides and, thus, may contain spurious fluctuations or oscillations that are not indicative of net downstream discharge. Discharge records for 1987-2000 water years were computed by utilization of the One-Dimensional flow simulation model (BRANCH) and are rated poor.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3390	3260	9560	9360	1940	8120	2230	938	830	8790	1350	23100
2	3040	3280	8750	7050	1330	7310	2390	1070	921	8930	1910	23500
3	3510	3500	6790	4840	1230	6880	3090	2670	1040	10100	4250	15800
4	2910	4350	5690	4930	1490	8060	2770	4270	966	10400	6390	9090
5	2980	2990	6100	6470	1520	11100	3160	4530	950	10300	6530	4840
6	3070	3130	5330	4690	1390	12700	2260	4290	1030	9370	4800	2710
7	2810	3350	6300	7140	1090	14300	2170	5850	1290	9090	1820	3730
8	2670	3000	5960	7600	2620	14500	1850	5090	1290	6380	1170	13400
9	2260	3430	5150	6100	6070	13600	1890	5460	1450	3980	968	16800
10	2510	3770	2680	6890	8940	11400	1860	2820	1340	3160	1020	21500
11	2490	2740	5880	9290	10100	10200	1490	2890	1090	2940	907	24500
12	2530	2500	7210	9180	11300	9870	1940	1800	974	3050	2890	29600
13	2820	2800	8670	6970	12500	7600	1980	1500	1190	3210	12100	34900
14	2340	2770	7480	5920	13500	5480	1790	975	1070	2810	14000	38600
15	2450	3870	6390	4300	15100	5110	1920	1510	1010	2870	9290	43800
16	2690	2350	6490	5920	16700	4880	1840	1930	1010	2970	4220	54500
17	2220	2520	9310	5700	17700	4760	1920	1090	1030	1860	2430	59900
18	2500	1340	11100	4030	19200	4130	1450	865	1200	1800	1660	59300
19	2280	3140	11200	4080	20100	3860	1300	876	982	1310	1590	55900
20	2440	3790	11800	6140	20600	3640	1250	1210	1380	1220	1360	52500
21	2980	4960	12200	8080	19900	3410	1320	868	1200	1600	1090	48400
22	2930	4050	12200	6740	17500	4230	1800	1010	1210	1840	972	43000
23	3650	5360	9410	5570	15100	4240	1590	889	1120	1560	1110	36100
24	3300	5790	6620	4490	12300	3690	1010	828	1570	1040	1160	32400
25	3330	6000	7580	5990	10200	3440	882	800	1910	1440	1120	30900
26	2770	8070	9880	5600	8570	3110	870	815	2640	974	1060	30700
27	3080	8460	10700	3850	7950	2720	844	819	2610	928	995	31000
28	3540	8750	11100	3830	8460	2660	879	792	3350	903	1160	30100
29	3840	8780	11500	4880	8960	2660	989	828	4990	872	7970	30300
30	3660	9320	11500	2480	---	2520	979	939	6070	852	16000	29800
31	3880	---	11500	1370	---	2530	---	964	---	1300	20200	---
TOTAL	90870	131420	262030	179480	293360	202710	51713	61186	48713	117849	133492	930670
MEAN	2931	4381	8453	5790	10120	6539	1724	1974	1624	3802	4306	31020
MAX	3880	9320	12200	9360	20600	14500	3160	5850	6070	10400	20200	59900
MIN	2220	1340	2680	1370	1090	2520	844	792	830	852	907	2710

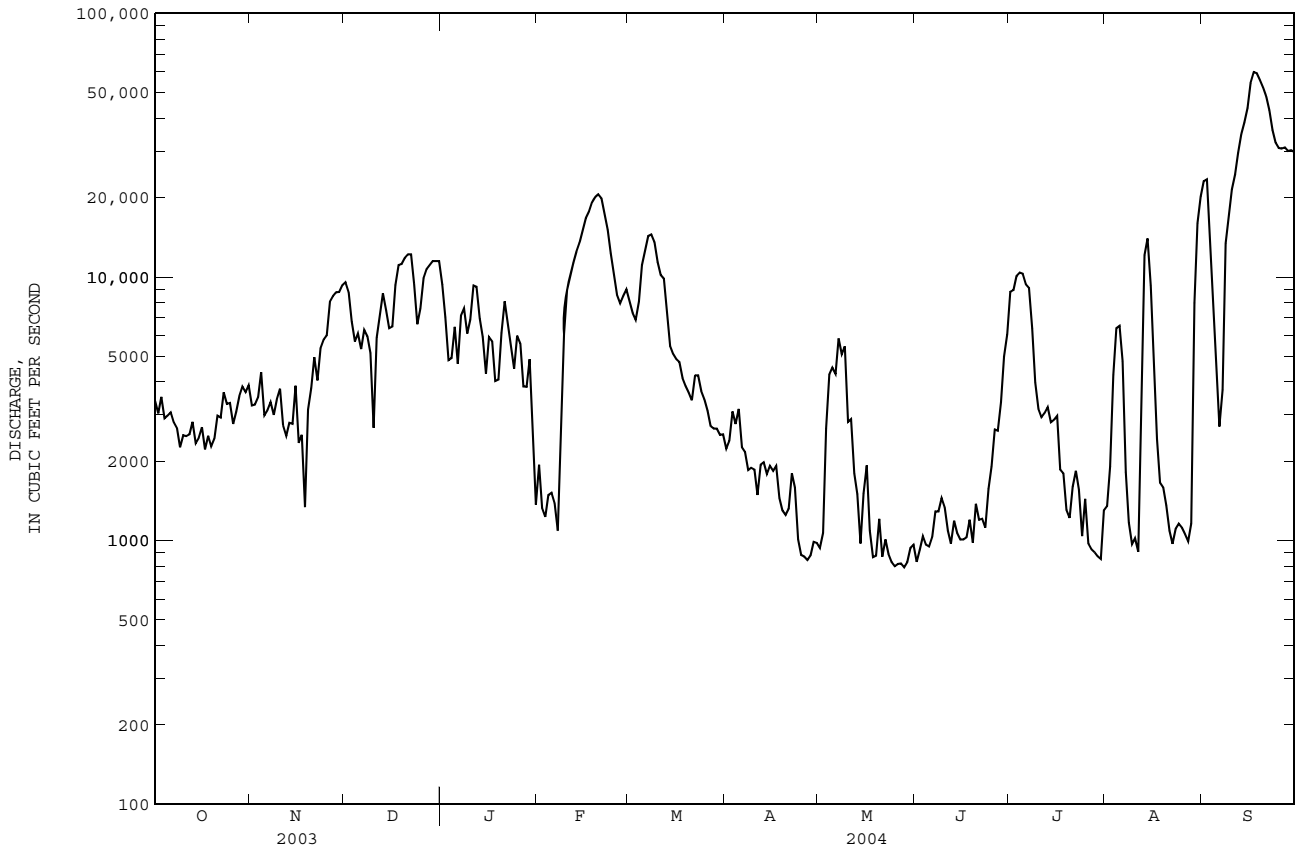
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1987 - 2004, BY WATER YEAR (WY)

	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
MEAN	7945	7468	12280	13680	15060	20370	14900	9194	6155	5470	7194	7483						
MAX	34380	22410	27870	26400	50000	43460	46750	26770	29840	28620	25170	31020						
(WY)	1991	1996	1993	1998	1998	2003	2003	1991	2003	2003	2003	2004						
MIN	868	1177	887	848	928	1014	1052	1067	843	853	903	939						
(WY)	1994	2002	2002	2002	2002	2002	2002	1988	1988	1988	2000	2000						

SANTEE RIVER BASIN

02171700 SANTEE RIVER NEAR JAMESTOWN, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1987 - 2004	
ANNUAL TOTAL	7357391		2503493		10590	
ANNUAL MEAN	20160		6840		20390	
HIGHEST ANNUAL MEAN					1058	
LOWEST ANNUAL MEAN					2002	
HIGHEST DAILY MEAN	90600	Mar 28	59900	Sep 17	90600	Mar 28 2003
LOWEST DAILY MEAN	853	Feb 9	792	May 28	460	Nov 13 1986
ANNUAL SEVEN-DAY MINIMUM	1140	Jan 27	824	May 23	515	Sep 22 1989
MAXIMUM PEAK FLOW			68400		Sep 18	102000
MAXIMUM PEAK STAGE			17.40		Sep 18	22.84
10 PERCENT EXCEEDS	40300		14700		25000	
50 PERCENT EXCEEDS	20900		3420		6560	
90 PERCENT EXCEEDS	2720		1010		923	



SANTEE RIVER BASIN

02171800 NORTH SANTEE RIVER NEAR NORTH SANTEE, SC

LOCATION.--Lat 33°12'30'', long 79 22'58'', Georgetown County, Hydrologic Unit 03050112, about 200 ft downstream from U.S. Highway 17, 1.3 mi southwest of North Santee, and at mile 12.9.

PERIOD OF RECORD.--September 1973 to July 1975, February 1977 to current year. Gage height records July 1975 to February 1977 are in report of the National Ocean Survey.

GAGE.--Data collection platform. Datum of gage is 3.47 ft below NGVD of 1929 (National Ocean Survey benchmark). Prior to June 11, 1998, gage located about 500 ft upstream at same datum.

REMARKS.--Gage height affected by tide and regulation from Lake Marion (see sta 02171000) and rediversion from St. Stephens powerplant (see sta. 02171645).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 11.85 ft, Mar. 29, 2003; minimum gage height, 0.67 ft, Dec. 26, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 8.95 ft, Sep. 20, 21; minimum gage height, 1.03 ft, Feb. 8.

Gage height, feet WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	7.49	3.47	5.67	7.15	3.52	5.42	5.94	2.61	4.22	6.24	2.80	4.44
2	7.32	3.41	5.54	7.12	3.58	5.51	6.07	2.75	4.38	6.29	2.57	4.38
3	7.39	3.73	5.70	7.26	3.88	5.85	6.30	2.93	4.71	6.13	2.45	4.20
4	6.92	3.13	5.29	7.07	3.62	5.53	6.81	3.23	5.29	6.22	2.27	4.18
5	6.77	2.65	4.80	6.80	3.22	5.16	6.87	3.20	4.98	6.31	2.16	4.16
6	6.79	2.71	4.83	6.88	3.02	5.04	6.46	2.80	4.68	6.09	2.26	4.14
7	6.86	2.87	5.03	6.72	2.81	4.96	6.96	2.88	5.07	6.60	2.29	4.52
8	6.79	3.08	5.09	7.26	3.33	5.58	7.10	3.12	5.23	6.89	2.78	4.86
9	6.82	2.95	5.11	7.28	3.83	5.60	7.13	3.35	5.29	7.09	2.88	4.94
10	6.93	3.16	5.16	7.22	3.51	5.41	7.25	3.20	5.32	7.17	2.93	5.03
11	7.06	3.07	5.26	6.97	3.18	5.00	6.27	2.46	4.30	7.07	3.13	5.04
12	7.03	3.33	5.29	6.52	2.69	4.46	6.90	2.74	4.80	6.16	2.72	4.36
13	6.92	3.27	5.19	5.70	2.24	3.79	7.18	3.56	5.49	6.33	2.49	4.21
14	---	---	---	6.25	2.39	4.16	7.27	3.78	5.56	6.52	2.71	4.60
15	---	---	---	6.32	2.61	4.34	6.52	2.92	4.52	6.34	2.37	4.15
16	---	---	---	6.06	2.58	4.14	6.64	3.10	4.77	6.65	2.85	4.80
17	---	---	---	5.78	2.42	4.00	6.68	2.49	4.62	6.86	2.86	4.91
18	---	---	---	6.19	2.64	4.35	6.46	2.80	4.71	7.19	2.08	4.74
19	---	---	---	6.58	2.16	4.83	6.53	2.76	4.51	6.84	1.69	4.55
20	---	---	---	6.86	2.04	4.76	6.86	2.77	4.84	7.32	2.34	5.10
21	---	---	---	7.26	2.89	5.44	7.37	2.90	5.29	7.42	2.67	5.28
22	---	---	---	7.36	3.07	5.32	7.36	3.25	5.34	7.28	2.86	4.97
23	---	---	---	7.43	2.69	5.29	7.46	3.12	5.39	6.72	2.09	4.43
24	---	---	---	7.64	2.80	5.39	7.50	3.00	5.16	6.35	2.25	4.23
25	---	---	---	7.53	2.57	5.33	7.13	2.33	4.69	7.29	3.00	5.20
26	---	---	---	7.79	3.34	5.74	7.14	2.67	4.84	7.10	3.32	5.23
27	---	---	---	7.68	3.49	5.71	7.16	2.95	4.95	6.77	2.70	4.70
28	7.50	2.72	5.33	7.40	2.95	5.11	6.96	3.18	4.96	5.61	2.11	3.69
29	7.40	3.25	5.36	6.18	2.00	3.77	6.52	3.39	4.85	5.53	2.43	3.92
30	7.42	3.24	5.45	6.50	2.82	4.51	6.32	2.82	4.49	5.58	1.92	3.66
31	7.39	3.50	5.49	---	---	---	6.25	3.21	4.68	5.43	2.51	4.08
MONTH	---	---	---	7.79	2.00	4.98	7.50	2.33	4.90	7.42	1.69	4.54

SANTEE RIVER BASIN

02171800 NORTH SANTEE RIVER NEAR NORTH SANTEE, SC--Continued

Gage height, feet
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	6.30	2.99	4.56	6.00	2.72	4.22	6.20	2.30	4.23	6.11	2.24	4.30
2	6.56	3.03	4.84	5.83	2.26	3.92	6.01	2.11	4.20	6.42	1.89	4.15
3	6.59	2.30	4.36	5.68	2.13	3.81	6.54	2.20	4.56	6.53	1.79	4.17
4	5.85	1.60	3.83	6.24	2.26	4.17	6.61	2.18	4.48	7.35	2.03	4.60
5	6.64	2.03	4.55	6.48	2.44	4.42	6.97	2.42	4.71	7.25	2.42	4.88
6	6.69	2.50	4.56	6.53	2.65	4.43	7.02	2.48	4.81	7.21	2.12	4.69
7	5.78	1.60	3.51	6.73	2.58	4.60	6.76	1.92	4.42	7.30	2.44	4.83
8	6.09	1.03	3.56	7.01	2.67	4.63	6.91	2.15	4.39	7.26	2.47	4.86
9	6.73	2.24	4.46	7.34	3.43	5.45	6.97	2.62	4.64	7.16	2.93	5.00
10	6.43	2.60	4.39	7.11	3.27	5.35	7.06	2.63	4.78	7.09	2.77	4.86
11	6.31	2.60	4.31	7.04	3.14	5.09	6.74	2.29	4.32	6.77	2.80	4.77
12	6.62	3.33	5.01	6.97	2.94	4.74	6.52	2.58	4.58	6.55	2.47	4.56
13	6.93	3.32	4.96	6.83	3.15	4.78	6.50	1.81	4.36	6.22	2.31	4.32
14	6.74	3.55	5.05	6.99	2.62	4.75	5.28	1.38	3.32	6.11	2.09	4.20
15	7.16	3.87	5.69	6.59	2.49	4.43	6.05	1.60	4.04	6.27	2.02	4.22
16	7.37	3.88	5.67	6.73	2.55	4.67	6.42	2.28	4.45	6.38	2.08	4.27
17	7.56	4.08	5.96	6.86	2.47	4.92	6.18	2.06	4.19	6.30	1.94	4.07
18	7.33	4.16	5.77	7.01	2.80	5.00	5.92	1.77	3.83	6.28	1.92	4.00
19	7.28	4.29	5.86	6.83	2.47	4.77	5.83	1.53	3.58	6.24	1.95	3.94
20	7.29	4.54	5.88	7.27	3.20	5.39	5.95	1.45	3.45	5.91	1.74	3.68
21	6.89	4.58	5.65	6.56	2.15	4.62	6.14	1.81	3.74	5.91	1.79	3.55
22	7.22	4.53	5.87	6.79	2.50	4.76	5.92	1.81	3.73	5.94	2.00	3.70
23	7.04	4.37	5.69	6.69	2.75	4.80	5.56	1.82	3.52	5.91	2.05	3.74
24	6.95	4.05	5.62	6.39	2.30	4.33	5.54	1.76	3.42	5.91	2.03	3.71
25	7.10	4.35	5.64	6.21	2.12	3.97	5.70	2.25	3.82	5.64	2.05	3.64
26	7.34	4.57	5.94	5.95	2.01	3.72	5.80	2.37	3.86	5.55	2.04	3.72
27	6.83	3.35	5.10	5.74	2.28	3.79	5.55	2.39	3.82	5.48	1.98	3.79
28	6.69	3.65	5.14	5.95	2.42	4.19	5.79	2.83	4.18	5.77	2.10	3.97
29	6.24	3.17	4.57	6.54	3.60	5.00	5.91	2.42	4.16	6.31	2.08	4.18
30	---	---	---	6.82	3.43	5.15	5.89	2.11	4.10	6.94	2.54	4.80
31	---	---	---	6.76	2.74	5.00	---	---	---	6.68	1.90	4.42
MONTH	7.56	1.03	5.03	7.34	2.01	4.61	7.06	1.38	4.12	7.35	1.74	4.24

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	6.93	1.66	4.18	7.34	2.30	4.84	7.23	2.57	5.04	7.02	4.02	5.51
2	7.08	1.88	4.41	7.32	2.89	4.95	7.39	2.77	5.11	7.30	4.48	5.98
3	7.13	1.88	4.45	7.42	2.79	5.12	7.26	3.11	5.39	7.20	4.77	5.97
4	7.00	1.78	4.34	7.44	2.90	5.16	7.15	3.23	5.26	7.01	4.04	5.49
5	7.09	1.94	4.34	7.16	2.87	5.10	7.06	3.26	5.17	6.95	3.74	5.36
6	7.06	2.36	4.66	7.13	2.94	5.04	6.85	2.97	5.06	6.81	3.77	5.41
7	7.02	2.55	4.66	7.07	3.34	5.23	6.82	3.15	5.11	6.77	3.45	5.31
8	6.86	2.70	4.73	6.97	3.09	5.06	6.38	2.84	4.67	6.57	3.88	5.31
9	6.64	2.55	4.61	6.57	2.82	4.82	6.21	2.53	4.38	6.09	3.27	4.64
10	6.40	2.54	4.59	6.30	2.58	4.60	6.11	2.42	4.29	6.42	3.31	4.72
11	6.26	2.13	4.30	6.52	2.58	4.63	6.04	2.27	4.13	6.97	3.83	5.48
12	6.73	2.20	4.56	6.48	2.70	4.66	5.93	2.17	4.04	7.36	4.65	5.97
13	6.96	3.22	5.19	6.35	2.38	4.41	6.16	2.40	4.21	7.63	5.16	6.32
14	6.68	2.55	4.69	6.42	2.27	4.25	7.53	3.05	5.16	7.63	5.79	6.76
15	6.38	2.38	4.43	6.54	2.46	4.41	6.75	3.34	4.99	7.71	6.07	6.91
16	6.21	1.97	4.02	6.73	2.74	4.62	6.71	2.59	4.60	7.95	6.37	7.22
17	6.19	1.96	3.94	6.63	2.51	4.56	6.70	2.49	4.54	8.28	6.94	7.61
18	6.19	1.91	3.88	6.41	2.12	4.20	6.47	2.67	4.59	8.09	7.08	7.60
19	6.63	2.27	4.17	6.47	2.40	4.32	6.16	2.37	4.32	8.48	7.39	7.96
20	6.97	2.84	4.81	6.44	2.42	4.29	6.09	2.11	4.10	8.95	7.87	8.38
21	6.84	3.12	4.98	6.37	2.38	4.30	5.97	1.95	3.86	8.95	7.91	8.40
22	6.80	2.42	4.40	6.34	2.55	4.42	6.17	1.74	3.93	8.51	7.53	8.08
23	5.94	2.06	3.74	6.33	2.62	4.43	6.69	2.36	4.57	8.18	7.08	7.65
24	5.42	1.95	3.72	6.16	2.25	4.20	6.87	2.52	4.78	8.30	6.84	7.54
25	5.89	2.17	4.08	6.34	2.18	4.25	6.88	2.53	4.79	8.26	6.68	7.48
26	5.80	2.09	3.90	6.51	2.06	4.30	6.87	2.37	4.71	8.37	6.59	7.47
27	6.54	2.27	4.49	6.73	2.07	4.43	7.08	2.21	4.71	8.46	6.76	7.55
28	6.31	1.97	4.25	6.78	1.81	4.29	7.30	2.52	5.02	7.70	6.06	6.99
29	6.83	1.95	4.40	6.79	1.71	4.17	8.14	3.95	6.28	7.43	5.77	6.60
30	7.13	2.20	4.71	7.08	1.93	4.47	7.03	3.21	5.11	7.64	5.71	6.70
31	---	---	---	7.33	2.37	4.88	6.95	3.49	5.23	---	---	---
MONTH	7.13	1.66	4.39	7.44	1.71	4.59	8.14	1.74	4.75	8.95	3.27	6.61

SANTEE RIVER BASIN

02171850 SOUTH SANTEE RIVER NEAR MCCLELLANVILLE, SC

LOCATION.--Lat 33°11'02'', long 79°24'22'', Charleston County, Hydrologic Unit 03050112, near right upstream bank on southbound U.S. Highway 17, 1.5 mi north of South Santee, and 5.5 mi south of North Santee.

PERIOD OF RECORD.--October 1993 to current year.

REVISED RECORDS.--WDR-2004-1: Gage Datum.

GAGE.--Data collection platform. Datum of gage is 7.75 (revised) ft below NGVD of 1929 (from Global Positioning Survey).

REMARKS.--Gage height affected by tide and regulation from Lake Marion (see sta. 02171000) and redirection from St. Stephens powerplant (see sta. 02171645).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 14.65 ft, Mar. 29, 2003; minimum gage height, 4.90 ft, Jan. 2, 2001.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 12.43 ft, Aug. 29; minimum gage height, 4.95 ft, Feb. 8.

Gage height, feet WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	11.51	7.00	9.50	11.37	7.40	9.46	9.92	6.09	7.93	10.17	6.32	8.14
2	---	---	---	11.34	7.45	9.56	10.01	6.28	8.12	10.21	6.22	8.18
3	---	---	---	11.44	7.60	9.89	10.23	6.66	8.49	10.11	6.21	8.09
4	---	---	---	11.22	7.37	9.54	10.70	6.91	9.12	10.20	6.07	8.07
5	---	---	---	11.01	7.11	9.25	10.83	6.78	8.78	10.30	6.02	8.03
6	---	---	---	11.06	6.83	9.11	10.39	6.42	8.48	10.07	5.98	7.97
7	---	---	---	10.93	6.72	9.02	10.88	6.47	8.86	10.52	5.96	8.30
8	---	---	---	11.42	7.11	9.63	11.05	6.70	9.03	10.78	6.28	8.59
9	---	---	---	11.41	7.56	9.60	---	---	---	11.01	6.38	8.69
10	---	---	---	11.38	7.27	9.41	---	---	---	11.10	6.48	8.76
11	11.35	6.99	9.41	11.18	7.02	9.03	---	---	---	10.94	6.59	8.71
12	11.32	7.23	9.43	10.81	6.65	8.55	10.90	6.41	8.61	10.15	6.20	8.02
13	11.25	7.24	9.34	9.86	6.23	7.88	11.12	7.13	9.25	10.26	6.02	7.95
14	11.38	7.44	9.50	10.52	6.49	8.28	11.23	7.21	9.29	10.42	6.26	8.36
15	10.55	6.66	8.63	10.52	6.56	8.39	10.50	6.52	8.32	10.30	6.11	7.98
16	11.09	7.30	9.02	10.31	6.65	8.26	10.63	6.75	8.62	10.57	6.43	8.56
17	10.66	6.99	8.87	10.01	6.48	8.11	10.65	5.98	8.34	10.80	6.51	8.70
18	10.82	7.12	8.84	10.53	6.72	8.55	10.38	6.13	8.37	11.16	5.89	8.65
19	10.88	7.30	9.08	10.81	6.02	8.90	10.41	6.06	8.10	10.82	5.57	8.41
20	10.71	6.91	8.77	10.84	5.96	8.70	10.73	6.06	8.37	11.24	6.01	8.86
21	10.86	6.59	8.85	11.28	6.48	9.27	11.21	6.11	8.82	11.33	6.13	8.97
22	11.05	6.28	8.65	11.37	6.55	9.17	11.20	6.38	8.87	11.18	6.26	8.65
23	11.40	6.70	9.47	11.47	6.27	9.12	11.37	6.28	8.99	10.64	5.71	8.19
24	11.55	6.89	9.68	11.68	6.30	9.19	11.42	6.45	8.89	10.39	5.95	8.03
25	11.73	7.07	9.54	11.56	6.05	9.12	11.10	5.90	8.42	11.17	6.70	8.97
26	11.54	6.46	9.16	11.78	6.74	9.48	11.04	6.13	8.49	10.97	6.84	8.95
27	11.64	6.54	9.19	11.65	6.85	9.43	11.04	6.32	8.58	10.60	6.38	8.51
28	11.71	6.49	9.36	11.38	6.26	8.76	10.87	6.54	8.59	9.67	5.94	7.54
29	11.62	6.89	9.36	10.12	5.51	7.47	10.43	6.71	8.46	9.46	6.16	7.77
30	11.59	6.96	9.45	10.45	6.30	8.20	10.27	6.18	8.12	9.55	5.86	7.61
31	11.55	7.30	9.50	---	---	---	10.11	6.59	8.31	9.51	6.41	8.04
MONTH	---	---	---	11.78	5.51	8.94	---	---	---	11.33	5.57	8.33

SANTEE RIVER BASIN

02171850 SOUTH SANTEE RIVER NEAR MCCLELLANVILLE, SC--Continued

Gage height, feet
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	10.39	6.85	8.48	9.99	6.41	8.07	10.35	6.10	8.24	10.48	6.25	8.42
2	10.57	7.00	8.79	9.84	5.96	7.81	10.13	5.98	8.19	10.79	5.91	8.30
3	10.68	6.11	8.32	9.69	5.88	7.70	10.71	6.03	8.51	10.81	5.59	8.16
4	9.98	5.55	7.81	10.26	6.00	8.02	10.85	5.94	8.42	11.46	5.73	8.54
5	10.71	5.91	8.52	10.43	6.08	8.18	11.06	6.06	8.63	11.42	6.13	8.78
6	10.78	6.33	8.56	10.52	6.01	8.09	11.23	6.21	8.76	11.40	5.96	8.60
7	9.91	5.50	7.46	10.65	5.84	8.19	11.02	5.80	8.41	11.37	6.19	8.70
8	10.10	4.95	7.51	10.86	5.83	8.11	11.17	6.01	8.39	11.26	6.24	8.74
9	10.67	5.84	8.19	11.27	6.51	9.00	11.23	6.41	8.64	11.26	6.60	8.85
10	10.34	5.98	8.00	11.02	6.45	8.91	11.23	6.47	8.75	11.15	6.62	8.81
11	10.29	5.98	7.90	10.95	6.56	8.76	10.93	6.19	8.34	10.92	6.65	8.73
12	10.46	6.55	8.54	10.94	6.42	8.45	10.60	6.40	8.59	10.74	6.44	8.59
13	10.75	6.52	8.43	10.76	6.69	8.55	10.69	5.72	8.34	10.50	6.26	8.40
14	10.60	6.60	8.51	10.97	6.37	8.61	9.60	5.36	7.35	10.45	6.08	8.32
15	11.02	6.79	9.10	10.60	6.33	8.34	10.29	5.46	8.04	10.57	6.02	8.34
16	11.14	6.94	9.03	10.76	6.26	8.57	10.66	6.06	8.46	10.70	6.06	8.32
17	11.35	6.91	9.28	10.86	6.24	8.81	10.44	5.92	8.18	10.69	5.95	8.17
18	11.10	6.75	8.94	11.08	6.46	8.93	10.24	5.70	7.86	10.65	5.92	8.13
19	11.07	6.70	8.98	10.92	6.21	8.71	10.21	5.53	7.65	10.58	6.03	8.08
20	11.09	6.75	8.88	11.41	6.85	9.33	10.27	5.48	7.56	10.32	5.83	7.80
21	10.67	6.61	8.50	10.76	5.98	8.54	10.41	5.75	7.83	10.33	5.78	7.71
22	10.98	6.64	8.85	10.79	6.16	8.64	10.21	5.81	7.79	10.33	6.04	7.85
23	10.87	6.77	8.82	10.69	6.50	8.66	9.84	5.89	7.59	10.17	6.20	7.88
24	10.77	6.93	8.96	10.44	6.12	8.24	9.84	5.90	7.54	10.08	6.21	7.85
25	---	---	---	10.07	6.00	7.91	10.06	6.29	7.93	9.97	6.11	7.72
26	---	---	---	9.91	5.96	7.70	10.06	6.45	7.97	9.85	6.03	7.79
27	---	---	---	9.84	6.31	7.80	9.74	6.47	7.91	9.78	5.98	7.87
28	10.60	7.21	8.93	10.10	6.32	8.20	10.00	6.83	8.27	10.01	6.08	8.06
29	10.20	6.78	8.36	10.52	7.56	8.97	10.00	6.41	8.22	10.56	6.09	8.27
30	---	---	---	10.83	7.37	9.12	10.18	6.29	8.26	11.15	6.56	8.92
31	---	---	---	10.78	6.55	8.97	---	---	---	11.01	5.84	8.49
MONTH	---	---	---	11.41	5.83	8.45	11.23	5.36	8.15	11.46	5.59	8.30

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	11.26	5.67	8.26	11.49	5.98	8.73	11.68	6.67	9.27	10.98	6.79	8.86
2	11.41	5.83	8.52	11.43	6.32	8.78	11.74	6.82	9.33	11.28	7.05	9.31
3	11.44	5.78	8.53	11.55	6.33	8.91	11.36	6.94	9.37	11.18	7.37	9.30
4	11.40	5.79	8.43	11.52	6.51	8.96	11.21	6.94	9.18	11.04	7.12	9.12
5	11.37	5.95	8.44	11.23	6.48	8.89	11.12	6.91	9.08	11.02	7.36	9.29
6	11.33	6.32	8.75	11.12	6.57	8.84	10.94	6.58	9.00	10.98	7.68	9.51
7	11.31	6.50	8.74	11.12	6.79	9.04	11.03	7.06	9.17	10.99	7.49	9.43
8	11.07	6.60	8.75	11.00	6.60	8.95	10.58	6.74	8.74	10.73	7.54	9.25
9	10.84	6.40	8.61	10.78	6.64	8.80	10.43	6.56	8.47	10.25	6.74	8.46
10	10.59	6.44	8.59	10.46	6.45	8.60	10.26	6.39	8.31	10.44	6.70	8.41
11	10.48	6.06	8.33	10.77	6.55	8.68	10.21	6.23	8.17	10.99	7.02	9.07
12	10.94	6.12	8.65	10.77	6.66	8.73	10.12	6.21	8.05	11.31	7.35	9.43
13	11.16	7.16	9.25	10.56	6.37	8.50	10.15	5.85	7.93	11.50	7.48	9.59
14	10.89	6.54	8.75	10.79	6.38	8.39	10.97	6.43	8.70	11.33	7.96	9.81
15	10.63	6.36	8.49	10.84	6.44	8.54	10.66	6.56	8.54	11.21	7.82	9.58
16	10.49	5.97	8.09	11.02	6.62	8.74	10.71	6.21	8.35	11.27	8.03	9.77
17	10.44	6.00	8.03	11.02	6.57	8.71	10.82	6.25	8.42	11.64	8.65	10.04
18	10.45	5.99	7.97	10.72	6.21	8.36	10.65	6.42	8.54	10.91	8.83	9.76
19	10.86	6.22	8.27	10.83	6.47	8.50	10.37	6.14	8.27	11.42	9.33	10.35
20	11.19	6.67	8.83	10.80	6.43	8.49	10.35	5.90	8.07	12.22	10.17	11.10
21	11.02	7.07	9.02	10.67	6.48	8.51	10.18	5.84	7.84	12.31	10.37	11.20
22	10.86	6.50	8.46	10.66	6.56	8.60	10.41	5.62	7.92	11.70	9.88	10.79
23	10.21	6.15	7.82	10.66	6.64	8.60	10.85	6.16	8.52	11.43	9.29	10.29
24	9.62	6.01	7.82	10.50	6.35	8.41	11.02	6.32	8.71	11.83	8.95	10.33
25	10.28	6.09	8.14	10.68	6.25	8.43	11.01	6.36	8.74	11.86	8.94	10.43
26	10.16	6.05	7.93	10.88	6.21	8.52	11.06	6.15	8.68	11.99	8.89	10.52
27	10.77	6.12	8.48	11.14	6.21	8.67	11.29	5.99	8.70	12.09	9.25	10.70
28	10.76	5.82	8.28	11.27	6.00	8.57	11.51	6.29	9.02	11.22	8.13	9.89
29	11.13	5.87	8.44	11.26	5.92	8.44	---	---	---	11.06	7.64	9.39
30	11.30	6.04	8.68	11.49	6.09	8.75	---	---	---	11.39	7.71	9.64
31	---	---	---	11.80	6.47	9.14	10.91	6.53	8.74	---	---	---
MONTH	11.44	5.67	8.45	11.80	5.92	8.67	---	---	---	12.31	6.70	9.75

02171905 SOUTH SANTEE RIVER AT STATE PIER NEAR McCLELLANVILLE, SC

LOCATION.--Lat 33°09'15'', long 79°21'16'', Charleston County, Hydrologic Unit 03050112, near right bank in Santee Coastal Reserve, 0.8 mi upstream from Pleasant Creek, 2.1 mi upstream of Atlantic Intracoastal Waterway, 8.2 mi northeast of McClellanville, and at mile 7.2.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--March 1987 to current year.

REVISED RECORDS.--WDR-SC-2004-1: Gage datum.

GAGE.--Water-stage recorder. Datum of gage is 20.58 (revised) ft below NGVD of 1929 (from Global Positioning survey). Prior to Mar. 4, 1987 at site 2.1 mi downstream, at same datum.

REMARKS.--Gage height affected by tide and regulation from Lake Marion (see sta 02171000) and rediversion from St. Stephens powerplant (see sta. 02171645).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 25.68 ft, Oct. 8, 1996, but may have been higher during period of no gage-height record Sep. 21-22, 1989; minimum gage height, 15.13 ft, Jun. 10, 1987.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 25.24 ft, Aug. 29; minimum gage height, 17.83 ft, Feb. 8.

DAY	Gage height, feet											
	WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004											
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	24.53	19.92	22.37	24.17	20.00	22.12	22.69	18.68	20.63	23.00	18.93	20.85
2	24.42	19.96	22.27	24.16	20.08	22.23	22.84	18.93	20.86	23.05	18.84	20.92
3	24.43	20.22	22.41	24.27	20.25	22.55	23.05	19.30	21.25	22.93	18.74	20.83
4	24.04	19.66	22.05	24.00	19.85	22.19	23.61	19.51	21.93	23.04	18.73	20.81
5	23.85	19.27	21.56	23.79	19.70	21.90	23.75	19.30	21.57	23.13	18.64	20.75
6	23.89	19.31	21.61	23.82	19.45	21.76	23.27	19.12	21.26	22.90	18.62	20.76
7	23.97	19.42	21.83	23.71	19.30	21.69	23.81	19.19	21.66	23.45	18.67	21.10
8	23.94	19.64	21.86	24.26	19.75	22.33	23.99	19.42	21.82	23.69	18.92	21.35
9	23.94	19.47	21.92	24.27	20.23	22.29	24.06	19.66	21.89	23.98	19.06	21.47
10	23.99	19.67	21.94	24.21	19.95	22.09	24.35	19.71	22.06	24.09	19.22	21.58
11	24.15	19.61	22.08	24.01	19.67	21.71	23.20	18.81	20.92	23.88	19.31	21.49
12	24.11	19.89	22.10	23.56	19.30	21.23	23.74	19.09	21.36	23.01	18.75	20.73
13	24.01	19.89	22.00	22.66	18.85	20.57	24.03	19.81	22.04	23.08	18.62	20.68
14	24.16	20.09	22.16	23.26	19.12	20.98	24.20	19.94	22.06	23.31	18.89	21.11
15	23.31	19.26	21.31	23.23	19.20	21.07	23.36	19.19	21.08	23.17	18.80	20.75
16	23.84	19.97	21.70	23.04	19.28	20.92	23.48	19.41	21.36	23.49	19.11	21.32
17	23.36	19.65	21.53	22.70	19.06	20.76	23.47	18.51	21.04	23.76	19.16	21.46
18	23.58	19.75	21.54	23.24	19.35	21.21	23.15	18.62	21.05	24.11	18.32	21.37
19	23.60	19.99	21.76	23.52	18.52	21.51	23.21	18.54	20.76	23.75	18.14	21.19
20	23.44	19.52	21.43	23.76	18.52	21.43	23.60	18.56	21.06	---	---	---
21	23.62	19.11	21.50	24.24	19.21	22.04	24.20	18.56	21.49	---	---	---
22	23.87	18.90	21.33	24.33	19.20	21.91	24.17	18.78	21.50	---	---	---
23	24.20	19.33	22.12	24.45	18.91	21.84	24.34	18.67	21.62	23.80	18.46	21.14
24	24.38	19.45	22.32	24.65	18.88	21.88	24.46	18.88	21.53	23.52	18.74	20.99
25	24.58	19.62	22.16	24.58	18.61	21.85	24.07	18.43	21.12	24.41	19.60	21.99
26	24.40	18.98	21.77	24.78	19.38	22.20	23.97	18.67	21.18	24.03	19.68	21.93
27	24.51	19.05	21.81	24.64	19.47	22.13	23.96	18.89	21.27	23.69	19.29	21.53
28	24.56	19.02	21.98	24.31	18.94	21.47	23.71	19.12	21.28	22.79	18.84	20.55
29	24.47	19.35	21.98	22.94	18.08	20.20	23.23	19.25	21.14	22.53	19.04	20.74
30	24.43	19.50	22.08	23.27	18.91	20.93	23.07	18.69	20.77	22.61	18.81	20.61
31	24.39	19.94	22.14	---	---	---	22.93	19.19	21.03	22.57	19.43	21.12
MONTH	24.58	18.90	21.89	24.78	18.08	21.63	24.46	18.43	21.34	---	---	---

SANTÉE RIVER BASIN

02171905 SOUTH SANTÉE RIVER AT STATE PIER NEAR McCLELLANVILLE, SC--Continued

Gage height, feet
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	23.54	19.91	21.55	22.97	19.13	20.89	23.39	18.86	21.20	23.33	19.02	21.22
2	23.78	19.93	21.86	22.79	18.56	20.60	23.15	18.86	21.15	23.68	18.67	21.11
3	23.88	18.78	21.34	22.62	18.56	20.51	23.75	18.89	21.46	23.76	18.28	20.96
4	23.11	18.44	20.85	23.22	18.72	20.85	23.91	18.86	21.37	24.45	18.39	21.33
5	23.86	18.83	21.56	23.41	18.73	20.99	24.15	18.87	21.56	24.40	18.71	21.52
6	23.96	19.26	21.56	23.48	18.64	20.88	24.36	18.99	21.67	24.43	18.53	21.34
7	23.07	18.44	20.49	23.64	18.39	20.98	24.10	18.54	21.29	24.35	18.77	21.42
8	23.21	17.83	20.56	23.92	18.32	20.92	24.29	18.81	21.30	24.23	18.90	21.46
9	23.79	18.69	21.17	24.43	19.17	21.85	24.34	19.23	21.55	24.20	19.31	21.59
10	23.37	18.73	20.93	24.11	19.16	21.78	24.31	19.34	21.64	24.12	19.40	21.59
11	23.54	18.73	20.82	24.00	19.27	21.60	23.97	19.05	21.24	23.87	19.38	21.50
12	23.58	19.40	21.50	23.99	19.17	21.29	23.63	19.28	21.48	23.67	19.20	21.37
13	23.88	19.31	21.35	23.80	19.40	21.43	23.70	18.61	21.21	23.41	19.00	21.19
14	23.70	19.36	21.42	24.05	19.20	21.49	22.55	18.14	20.22	23.27	18.75	21.12
15	24.22	19.56	22.02	23.62	19.11	21.20	23.26	18.27	20.96	23.42	18.70	21.13
16	24.36	19.63	21.96	23.80	19.04	21.46	23.66	18.91	21.36	23.56	18.73	21.10
17	24.61	19.67	22.22	23.95	19.12	21.73	23.41	18.68	21.07	23.57	18.61	20.96
18	24.37	19.40	21.82	24.18	19.27	21.84	23.20	18.45	20.74	23.53	18.61	20.93
19	24.25	19.25	21.81	24.01	18.96	21.63	23.15	18.26	20.52	23.45	18.70	20.87
20	24.24	19.26	21.68	24.51	19.74	22.26	23.21	18.21	20.42	23.14	18.53	20.57
21	23.76	19.11	21.30	23.78	18.81	21.45	23.32	18.58	20.69	23.16	18.53	20.48
22	24.14	19.23	21.71	23.87	18.99	21.60	23.13	18.58	20.63	23.14	18.80	20.61
23	24.04	19.44	21.72	23.78	19.31	21.60	22.73	18.67	20.43	22.96	18.92	20.66
24	23.99	19.78	21.93	23.52	18.94	21.16	22.74	18.69	20.39	22.72	18.93	20.61
25	24.25	20.40	22.21	23.09	18.85	20.83	22.92	19.13	20.80	22.71	18.84	20.49
26	24.36	21.15	22.61	22.87	18.83	20.62	22.91	19.34	20.82	22.60	18.78	20.55
27	23.87	19.72	21.81	22.86	19.22	20.74	22.72	19.37	20.80	22.50	18.72	20.63
28	23.69	20.08	21.85	23.23	19.27	21.19	22.82	19.73	21.13	22.75	18.84	20.81
29	23.25	19.60	21.23	23.60	20.47	21.98	22.92	19.21	21.04	23.32	18.82	21.06
30	---	---	---	23.91	20.35	22.11	22.98	18.96	21.02	23.98	19.28	21.67
31	---	---	---	23.86	19.49	21.92	---	---	---	23.85	18.52	21.24
MONTH	24.61	17.83	21.55	24.51	18.32	21.33	24.36	18.14	21.04	24.45	18.28	21.07

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	24.15	18.29	21.04	24.37	18.48	21.38	24.49	19.16	21.88	23.83	19.13	21.47
2	24.34	18.47	21.29	24.32	18.67	21.40	24.57	19.34	21.96	24.17	19.46	21.95
3	24.32	18.44	21.28	24.47	18.82	21.56	24.18	19.58	22.03	24.06	19.89	21.95
4	24.34	18.48	21.19	24.45	19.03	21.59	23.95	19.51	21.83	23.86	19.65	21.79
5	24.29	18.60	21.21	24.12	19.03	21.54	23.88	19.50	21.74	23.83	20.06	22.02
6	24.24	18.99	21.50	23.98	19.15	21.50	23.77	19.18	21.72	23.79	20.41	22.24
7	24.14	19.22	21.46	23.96	19.40	21.72	23.92	19.81	21.94	23.78	20.18	22.15
8	23.93	19.32	21.49	23.85	19.23	21.64	23.43	19.55	21.53	23.52	20.19	21.93
9	23.72	19.13	21.39	23.63	19.28	21.51	23.30	19.33	21.29	---	---	---
10	23.45	19.20	21.40	23.29	19.13	21.35	23.16	19.25	21.19	---	---	---
11	23.35	18.83	21.15	23.58	19.21	21.40	23.09	19.11	21.04	23.85	19.55	21.76
12	23.84	18.90	21.48	23.53	19.31	21.44	23.00	19.01	20.93	24.21	19.87	22.14
13	24.06	19.91	22.06	23.37	19.01	21.20	23.00	18.55	20.74	24.45	20.02	22.28
14	23.78	19.30	21.57	23.54	18.98	21.08	24.79	19.16	21.59	24.26	20.42	22.47
15	23.50	19.12	21.31	23.61	19.08	21.24	---	---	---	24.11	19.99	22.16
16	23.37	18.74	20.91	23.82	19.32	21.44	23.70	18.95	21.31	24.14	20.11	22.25
17	23.33	18.77	20.86	23.84	19.19	21.41	23.82	19.05	21.29	24.48	20.50	22.33
18	23.34	18.74	20.79	23.50	18.79	21.03	23.66	19.28	21.43	23.69	19.90	21.66
19	23.77	19.04	21.11	23.60	19.10	21.20	23.35	18.98	21.16	24.25	20.25	22.25
20	24.10	19.51	21.69	23.59	19.04	21.16	23.28	18.77	20.97	25.03	21.41	23.10
21	23.90	19.87	21.84	23.41	19.07	21.16	23.11	18.72	20.74	25.13	21.53	23.18
22	23.63	19.27	21.25	23.39	19.16	21.24	23.35	18.48	20.84	24.46	21.18	22.70
23	22.70	18.87	20.60	23.35	19.24	21.25	23.85	19.08	21.45	24.25	20.51	22.33
24	22.42	18.68	20.57	23.24	18.96	21.05	24.02	19.21	21.63	24.70	20.59	22.65
25	22.94	18.84	20.89	23.42	18.85	21.06	24.02	19.25	21.65	24.77	20.78	22.84
26	22.84	18.78	20.69	23.62	18.77	21.16	24.10	19.07	21.60	24.93	20.77	22.96
27	23.65	18.88	21.24	23.89	18.77	21.30	24.38	18.88	21.64	24.98	21.06	23.10
28	23.51	18.60	20.98	24.04	18.51	21.20	24.59	19.19	21.96	24.07	19.83	22.15
29	23.90	18.35	21.07	24.06	18.44	21.09	25.24	20.46	22.85	23.93	19.47	21.80
30	24.18	18.58	21.34	24.31	18.59	21.40	23.84	18.75	21.27	24.30	19.72	22.14
31	---	---	---	24.62	18.99	21.79	23.79	18.87	21.32	---	---	---
MONTH	24.34	18.29	21.22	24.62	18.44	21.34	---	---	---	---	---	---

02172000 LAKE MOULTRIE NEAR PINOPOLIS, SC

LOCATION.--Lat 33°14'40'', long 79°59'30'', Berkeley County, Hydrologic Unit 03050201, at powerplant 0.7 mi upstream from Seaboard Coast Line Railroad bridge and 2.8 mi northeast of Pinopolis.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--January 1941 to current year. Prior to October 1942, published as Pinopolis Reservoir.

GAGE.--Data collection platform. Datum of gage is NGVD of 1929 (levels by South Carolina Public Service Authority). Prior to May 16, 1942, and Feb. 25 to Dec. 14, 1970, nonrecording gage, and May 17, 1942 to Sept. 30, 1963, water-stage recorder at same site at datum 0.25 ft lower.

REMARKS.--Lake is formed by earth dikes and dam, with concrete navigation locks; dikes and dam completed in 1941. Storage began in November 1941. Water is diverted through canal from Lake Marion (see sta 02171000) and discharged through tailrace canal into West Branch Cooper River. Usable capacity, 32,400,000,000 ft³ between elevation 60.0 ft (normal limit of drawdown) and 76.8 ft (maximum normal elevation). Dead storage, about 18,040,000,000 ft³. Figures given herein represent usable contents. Water is used for generation of power and for navigation. Records of contents at end of month published for water years prior to 1964 were computed from elevations 0.25 ft too high. Records of change in contents published for the same period are slightly in error.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 78.30 ft, Sept. 21, 1989 (affected by high winds); minimum elevation, 58.52 ft, Dec. 21, 1951.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 75.66 ft, July 2; minimum elevation, 72.66 ft, Jan. 25.

Elevation above NGVD 1929, feet
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY OBSERVATION AT 2400 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	74.59	74.52	73.90	73.39	73.27	74.73	74.68	75.38	75.22	75.49	75.44	74.37
2	74.55	74.55	73.82	73.38	73.48	74.83	74.63	75.44	75.14	75.40	75.49	74.62
3	74.57	74.57	73.80	73.38	73.47	74.97	74.62	75.51	75.11	75.41	75.40	74.73
4	74.54	74.55	73.94	73.37	73.55	74.83	74.72	75.41	75.06	75.32	75.24	74.73
5	74.46	74.49	73.89	73.45	73.66	74.65	74.63	75.38	75.06	75.28	75.24	74.76
6	74.43	74.52	73.81	73.47	73.73	74.67	74.56	75.31	75.03	75.21	75.24	74.74
7	74.41	74.47	73.78	73.19	74.04	74.80	74.58	75.22	75.02	75.28	75.29	74.48
8	74.43	74.43	73.79	73.28	73.87	74.75	74.67	75.20	75.00	75.27	75.24	74.21
9	74.40	74.43	73.95	73.23	73.78	74.72	74.60	75.26	75.10	75.34	75.23	74.03
10	74.37	74.41	73.98	73.07	73.78	74.62	74.67	75.21	75.02	75.31	75.22	73.86
11	74.31	74.39	74.00	72.97	73.75	74.57	74.69	75.33	75.05	75.42	75.18	73.60
12	74.49	74.38	73.75	73.16	73.90	74.63	74.75	75.34	75.01	75.39	75.05	73.37
13	74.44	74.54	73.84	73.16	73.94	74.64	74.79	75.32	75.04	75.38	74.53	73.41
14	74.51	74.28	73.96	73.17	74.12	74.62	74.88	75.32	75.02	75.37	74.66	73.58
15	74.47	74.27	73.84	73.15	74.12	74.60	74.80	75.31	75.01	75.35	74.92	73.72
16	74.45	74.25	73.74	73.15	74.07	74.57	74.77	75.33	75.09	75.25	75.00	73.89
17	74.46	74.36	73.64	73.18	74.05	74.66	74.91	75.32	75.04	75.42	75.00	74.03
18	74.51	74.18	73.62	73.20	73.92	74.60	75.00	75.36	75.16	75.46	75.04	74.23
19	74.52	74.34	73.56	73.14	73.79	74.55	75.07	75.37	75.20	75.45	75.15	74.37
20	74.46	74.23	73.42	72.97	73.78	74.60	75.09	75.31	75.25	75.44	75.19	74.58
21	74.42	74.21	73.33	72.93	74.08	74.77	75.07	75.29	75.27	75.41	75.22	74.73
22	74.41	74.23	73.52	72.97	74.24	74.56	75.14	75.31	75.29	75.37	75.28	74.79
23	74.29	74.21	73.61	72.88	74.35	74.52	75.10	75.41	75.32	75.41	75.28	75.01
24	74.25	74.26	73.69	72.88	74.44	74.53	75.17	75.35	75.26	75.40	75.28	75.02
25	74.26	74.06	73.55	72.84	74.39	74.55	75.21	75.40	75.19	75.41	75.28	75.03
26	74.21	74.07	73.44	73.04	74.62	74.53	75.40	75.41	75.32	75.35	75.25	74.93
27	74.23	74.09	73.33	73.12	74.63	74.60	75.41	75.34	75.38	75.29	75.25	74.84
28	74.54	74.11	73.32	72.90	74.52	74.55	75.30	75.33	75.41	75.31	75.22	74.84
29	74.51	74.05	73.29	73.03	74.62	74.62	75.26	75.31	75.46	75.31	75.48	74.80
30	74.48	73.92	73.24	73.22	---	74.56	75.26	75.29	75.41	75.37	75.10	74.75
31	74.51	---	73.42	73.21	---	74.71	---	75.28	---	75.43	74.59	---
MAX	74.59	74.57	74.00	73.47	74.63	74.97	75.41	75.51	75.46	75.49	75.49	75.03
MIN	74.21	73.92	73.24	72.84	73.27	74.52	74.56	75.20	75.00	75.21	74.53	73.37
	27.0	25.6	24.4	23.9	27.3	27.5	28.8	28.8	29.1	29.2	27.2	27.6
	-37.3	-540	-448	-187	+1360	+74.7	+502	0.00	+116	+37.3	-747	+154

CAL YR 2003 * +41.2 MAX 75.58 MIN 72.65
WTR YR 2004 * +15.8 MAX 75.51 MIN 72.84

(+) CONTENTS, IN BILLIONS OF CUBIC FEET, AT END OF MONTH.
(*) CHANGE IN CONTENT, EQUIVALENT IN CUBIC FEET PER SECOND.

COOPER RIVER BASIN

02172001 LAKE MOULTRIE TAILRACE NEAR PINOPOLIS, SC

LOCATION.--Lat 33°14'40'', long 79°59'30'', Berkeley County, Hydrologic Unit 03050201, at power plant 0.7 mi upstream from Seaboard Coast Line Railroad bridge and 2.8 mi northwest of Pinopolis.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--October 1988 to current year. Data prior to October 1988 are in the files of the U.S. Geological Survey.

GAGE.--Data collection platform. Datum of gage is 5.00 ft below NGVD of 1929. Prior to Mar. 17, 1986, at same site at datum 5.00 ft lower.

REMARKS.--Gage height affected by tide and regulation from Lake Moultrie (see station 02172000). Flow diverted to Santee River Basin for power generation since October 1986 (see station 02171645).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 13.67 ft, June 26, 1991; minimum gage height, 1.78 ft, Mar. 14, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 12.11 ft, Sep. 22; minimum gage height, 3.14 ft, Mar. 7.

Gage height, feet
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	11.58	5.91	8.33	11.07	5.84	8.08	9.28	4.00	6.69	10.35	4.86	7.25
2	11.81	5.82	8.36	11.01	6.00	8.15	10.97	4.36	7.03	11.26	4.83	7.18
3	11.73	6.12	8.33	11.23	6.64	8.38	10.50	5.03	7.22	8.47	3.91	6.37
4	10.11	6.30	8.24	11.21	6.05	8.20	10.93	5.18	7.42	9.49	4.09	6.49
5	10.16	5.46	7.66	10.43	6.20	7.92	9.70	5.24	7.55	10.43	4.27	6.66
6	10.36	5.72	7.66	11.32	5.53	7.76	11.27	4.71	7.23	9.83	3.30	6.47
7	11.18	5.66	7.58	11.31	5.82	8.03	10.96	5.26	7.75	10.81	4.00	7.45
8	10.58	5.64	7.68	11.23	5.77	7.97	11.00	5.37	7.71	9.01	4.95	6.92
9	10.21	5.49	7.68	10.63	6.14	8.10	10.41	5.34	7.41	10.15	4.34	7.67
10	11.53	5.75	7.95	10.82	6.45	8.32	10.54	5.28	7.74	10.37	4.69	7.63
11	11.41	5.75	7.83	9.81	5.57	7.75	10.66	5.23	7.19	9.48	5.04	7.54
12	11.66	6.35	7.93	10.35	5.34	7.52	9.83	4.94	7.22	8.36	4.07	6.61
13	10.30	5.54	7.99	9.67	4.16	6.49	9.21	4.98	7.38	8.76	4.95	6.44
14	11.25	5.55	8.29	10.62	4.99	7.67	11.29	5.96	7.97	10.36	5.46	7.72
15	10.74	5.21	7.73	9.42	5.29	7.29	10.76	5.55	7.71	10.37	3.86	7.06
16	9.63	5.28	7.44	8.97	4.85	6.96	8.96	5.44	7.29	11.13	5.40	7.52
17	10.80	5.83	7.93	10.66	4.15	6.85	10.29	5.37	7.38	10.79	4.99	7.19
18	10.98	4.92	7.30	11.45	4.67	7.30	9.27	4.46	6.87	10.14	4.61	6.97
19	9.27	5.31	7.25	11.46	5.62	7.66	8.98	4.83	7.04	11.13	3.95	7.02
20	10.36	5.04	7.53	11.52	5.15	7.92	11.02	3.78	7.05	10.81	4.94	7.84
21	10.60	5.56	7.53	11.29	5.86	7.81	10.98	4.34	7.42	8.93	5.45	7.23
22	11.15	4.40	7.26	10.31	5.33	7.58	10.66	4.50	7.28	10.28	5.64	7.47
23	10.80	5.70	8.11	9.68	5.21	7.72	9.59	4.31	7.12	10.52	5.89	7.23
24	10.31	5.80	7.91	10.54	5.08	7.91	10.08	4.78	7.36	8.45	4.79	6.84
25	10.56	5.70	7.92	11.19	4.92	8.32	10.69	4.65	7.05	11.37	4.63	7.70
26	9.86	5.29	7.79	9.55	5.56	7.84	10.29	4.28	7.34	8.47	6.14	7.50
27	10.57	5.84	8.12	8.96	5.77	7.79	9.55	6.15	7.94	8.45	6.31	7.48
28	10.31	5.83	7.97	11.28	5.36	8.00	8.67	5.63	7.07	10.43	5.85	7.51
29	10.42	5.98	8.41	9.63	3.84	6.51	10.12	4.88	7.10	10.97	3.66	6.78
30	11.53	5.93	8.56	10.05	4.96	7.19	9.78	4.28	6.56	8.58	3.18	5.84
31	10.85	6.00	8.25	---	---	---	10.11	4.42	7.05	11.05	3.18	6.98
MONTH	11.81	4.40	7.89	11.52	3.84	7.70	11.29	3.78	7.29	11.37	3.18	7.11

COOPER RIVER BASIN

02172001 LAKE MOULTRIE TAILRACE NEAR PINOPOLIS, SC--Continued

Gage height, feet
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	11.51	4.80	7.15	10.85	4.78	6.67	10.63	5.27	7.44	---	---	---
2	10.36	5.10	7.20	8.55	4.02	6.15	11.29	4.63	7.25	---	---	---
3	11.14	5.05	7.43	10.32	3.24	6.00	---	---	---	---	---	---
4	10.83	4.26	6.83	10.33	3.70	6.58	9.99	4.55	6.82	---	---	---
5	8.86	5.29	7.06	10.04	3.89	7.03	---	---	---	---	---	---
6	10.73	4.78	7.56	9.56	4.42	6.79	10.95	5.52	7.74	---	---	---
7	9.26	4.44	6.94	10.27	3.14	6.37	---	---	---	10.17	5.39	8.00
8	7.98	4.25	6.37	9.15	3.87	6.61	---	---	---	8.88	5.48	7.43
9	10.48	4.90	7.03	8.71	6.01	7.36	---	---	---	9.74	5.29	7.53
10	9.38	4.95	6.93	9.28	6.27	7.80	---	---	---	9.66	5.28	7.52
11	7.86	5.31	6.83	10.09	5.69	7.71	---	---	---	9.89	5.27	7.59
12	10.67	5.29	7.63	8.37	4.81	6.96	11.14	5.65	8.04	9.47	5.84	7.65
13	11.05	5.44	7.55	9.27	5.04	7.18	---	---	---	10.08	4.96	7.42
14	10.72	5.15	7.56	10.47	5.05	7.26	---	---	---	---	---	---
15	10.25	5.02	7.82	10.50	4.86	7.22	---	---	---	9.44	5.28	7.35
16	11.39	5.40	7.56	10.97	4.64	7.29	---	---	---	9.72	4.91	7.01
17	10.65	5.95	7.65	9.94	5.07	7.17	---	---	---	9.52	4.90	6.72
18	10.79	5.66	7.55	10.76	5.23	7.70	---	---	---	9.10	4.82	6.81
19	11.35	5.24	7.43	10.69	5.14	7.48	9.95	4.04	6.49	9.49	4.77	7.03
20	11.78	4.89	7.58	10.81	5.47	7.63	9.75	4.04	6.64	9.07	4.77	7.26
21	8.92	4.18	6.56	9.99	4.86	7.20	9.91	4.29	7.07	8.85	4.19	6.96
22	9.55	4.00	7.12	10.65	5.22	7.86	8.25	4.45	6.75	9.17	4.31	6.46
23	9.71	5.45	7.38	10.70	5.36	7.77	9.10	4.16	7.13	7.99	4.52	6.42
24	9.66	5.25	7.54	8.94	5.44	7.12	7.93	4.11	6.45	9.53	4.45	7.15
25	10.64	6.40	8.00	10.40	4.49	7.08	8.56	4.14	6.44	8.50	4.22	6.63
26	11.39	6.44	8.42	8.73	4.68	6.54	8.45	4.92	6.75	9.23	3.84	6.79
27	9.92	5.99	7.72	8.01	4.34	6.48	---	---	---	9.13	3.65	6.82
28	11.37	6.08	8.32	9.12	4.18	6.52	9.85	5.30	7.19	10.72	4.06	7.29
29	10.98	5.04	7.02	8.84	5.57	7.36	10.11	5.55	7.40	9.77	3.86	6.65
30	---	---	---	11.53	5.79	8.25	---	---	---	9.68	5.35	7.52
31	---	---	---	10.84	6.19	7.81	---	---	---	11.30	4.68	7.50
MONTH	11.78	4.00	7.37	11.53	3.14	7.13	---	---	---	---	---	---

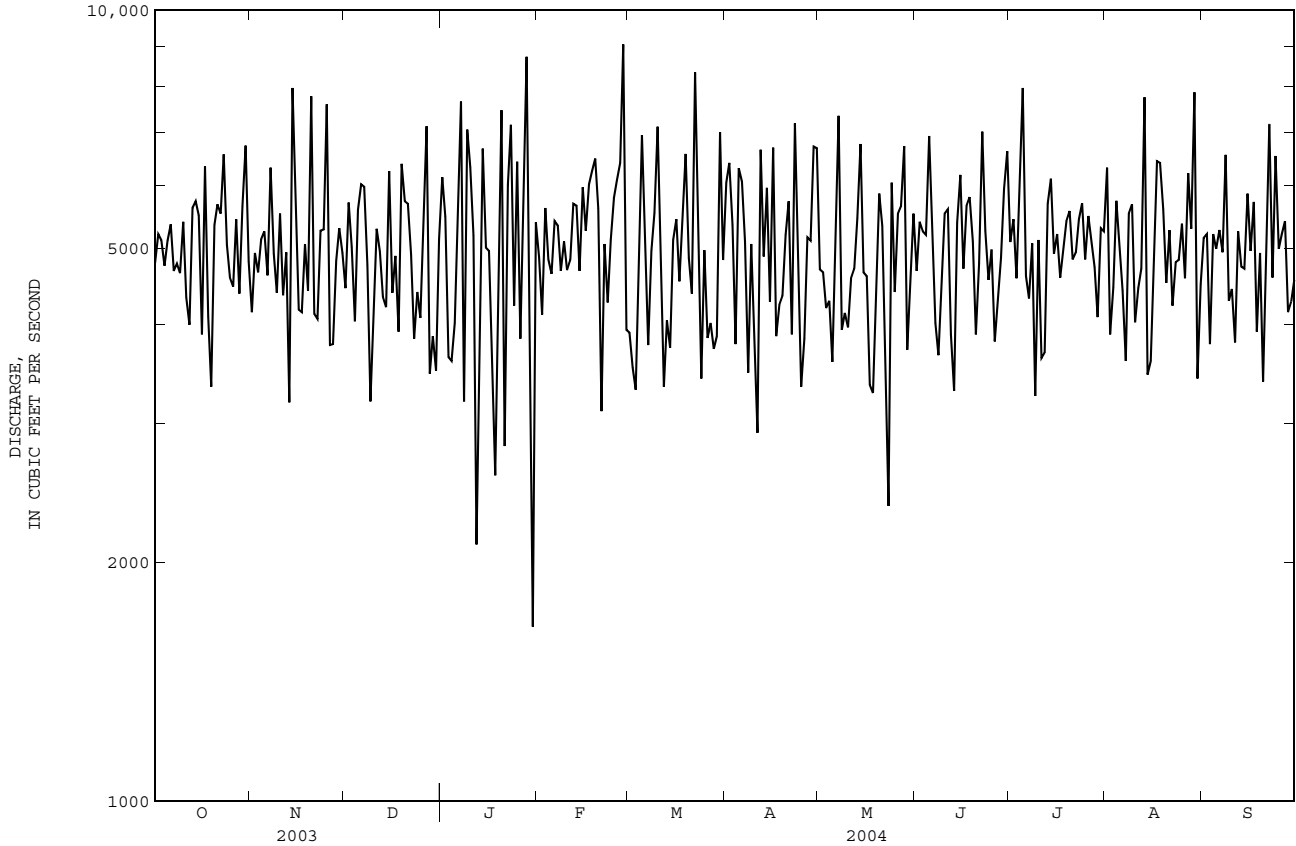
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	11.36	4.33	6.98	10.54	5.76	7.87	11.06	5.75	8.24	9.95	5.72	8.06
2	9.57	5.22	7.56	---	---	---	9.18	5.94	7.76	10.23	5.81	8.08
3	10.65	5.46	7.46	---	---	---	10.55	5.90	8.08	9.97	5.66	7.80
4	9.63	5.48	7.50	10.75	5.42	8.02	11.14	5.76	8.13	11.10	5.03	7.77
5	11.12	5.14	8.05	---	---	---	10.47	5.48	7.92	10.15	6.27	7.96
6	11.27	5.49	7.95	10.22	5.40	7.76	10.08	4.93	7.57	11.74	5.90	8.16
7	9.82	5.48	7.61	10.40	5.40	7.68	10.72	5.38	7.66	11.99	5.93	8.28
8	9.03	5.31	7.42	10.63	5.13	7.76	11.48	5.16	7.80	11.57	6.37	8.48
9	11.13	5.26	7.59	9.36	5.34	7.34	9.26	5.45	7.49	11.39	4.66	7.13
10	11.56	4.97	7.79	10.46	4.81	7.45	10.14	4.66	7.04	9.57	4.10	6.83
11	10.26	4.87	7.45	9.10	4.95	7.16	11.11	4.31	6.98	9.25	4.80	6.95
12	10.18	5.14	7.27	9.72	4.79	7.03	10.95	4.11	6.92	11.20	5.79	7.83
13	9.61	5.79	7.50	9.79	5.54	7.28	11.25	4.92	7.49	11.20	5.94	7.94
14	11.21	5.80	7.84	9.36	5.24	7.06	9.98	5.01	6.95	10.66	6.03	7.93
15	10.07	5.58	7.85	9.44	5.13	6.93	10.05	4.34	6.59	10.24	6.38	8.09
16	9.80	4.68	7.29	9.47	5.15	7.25	9.49	4.57	7.13	11.16	5.78	8.03
17	9.40	4.82	7.12	10.16	5.45	7.34	10.58	4.91	7.58	10.24	5.84	8.27
18	10.35	4.92	7.06	8.73	5.20	7.19	11.46	5.30	8.13	9.93	4.36	7.07
19	10.32	4.56	6.98	9.63	5.06	7.41	10.87	5.06	7.71	10.07	4.30	7.36
20	---	---	---	10.71	5.05	7.73	9.54	4.66	7.21	10.45	5.16	7.77
21	10.59	5.90	7.96	11.50	4.82	7.32	10.61	4.24	7.12	10.59	5.97	8.27
22	11.05	5.87	8.17	11.16	5.00	7.50	10.96	3.41	6.91	12.11	5.70	8.54
23	9.01	4.48	6.92	9.98	5.07	7.53	11.17	4.23	7.30	11.58	5.57	7.92
24	---	---	---	11.18	4.68	7.62	11.44	4.79	7.57	10.32	5.57	8.05
25	9.43	4.53	6.89	11.23	4.17	7.31	10.61	5.74	7.65	10.77	5.98	8.02
26	---	---	---	10.62	4.57	7.36	10.36	4.30	7.31	10.57	6.34	8.38
27	---	---	---	10.05	4.80	7.48	11.08	5.71	7.68	11.53	6.44	8.99
28	11.00	3.65	7.01	11.81	3.83	7.30	10.62	5.95	7.97	9.84	6.88	8.22
29	10.44	5.16	7.25	10.54	3.57	7.08	11.96	6.00	8.69	9.65	4.55	7.18
30	---	---	---	10.39	5.26	7.51	9.91	6.59	8.07	11.64	5.01	7.78
31	---	---	---	10.80	5.54	8.04	10.05	5.97	7.87	---	---	---
MONTH	---	---	---	---	---	---	11.96	3.41	7.57	12.11	4.10	7.90

02172002 LAKE MOULTRIE TAILRACE CANAL AT MONCK'S CORNER, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1979 - 2004	
ANNUAL TOTAL	1872015		1835220		7603	
ANNUAL MEAN	5129		5014		18220	
HIGHEST ANNUAL MEAN					3804	
LOWEST ANNUAL MEAN					1980	
HIGHEST DAILY MEAN	9330	Jun 16	9050	Feb 28	33700	Nov 25 1979
LOWEST DAILY MEAN	88	Jan 21	1660	Jan 30	-521	Jan 26 1993
ANNUAL SEVEN-DAY MINIMUM	4000	Jan 20	4020	May 17	1790	Mar 19 1985
MAXIMUM PEAK FLOW			26200	a Aug 21	Unknown	
MAXIMUM PEAK STAGE			10.33	Sep 22	Unknown	
10 PERCENT EXCEEDS	6350		6460		18600	
50 PERCENT EXCEEDS	5070		4960		5320	
90 PERCENT EXCEEDS	3970		3680		2730	

a Also occurred on Aug. 29.

e Estimated



02172002 LAKE MOULTRIE TAILRACE CANAL AT MONCK'S CORNER, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--March 2004 to September 2004.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: March 2004 to September 2004.

DISSOLVED OXYGEN: March 2004 to September 2004.

INSTRUMENTATION.--Water-quality multiprobe and data collection platform.

REMARKS.-- Temperature records rated excellent. Dissolved oxygen records rated excellent except for May 2-19, which are good.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 30.1°C, July 6, 2004; minimum, 13.3°C, March 25-27, 2004.

DISSOLVED OXYGEN: Maximum, 11.1 mg/L, Mar. 24, 2004; minimum, 3.2 mg/L, June 3, 15, July 13, 29, 2004.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 30.1°C, July 6; minimum, 13.3°C, March 25-27.

DISSOLVED OXYGEN: Maximum, 11.1 mg/L, Mar. 24; minimum, 3.2 mg/L, June 3, 15, July 13, 29.

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	---	---	---	15.9	15.2	15.6	20.3	19.4	19.9
2	---	---	---	---	---	---	15.8	15.2	15.4	20.4	19.9	20.2
3	---	---	---	---	---	---	16.0	14.8	15.2	22.0	19.8	20.9
4	---	---	---	---	---	---	15.8	14.9	15.3	21.2	20.7	20.9
5	---	---	---	---	---	---	15.9	14.9	15.4	22.3	20.5	21.0
6	---	---	---	---	---	---	15.9	15.2	15.4	23.1	20.6	21.2
7	---	---	---	---	---	---	16.6	15.1	15.5	21.5	20.8	21.1
8	---	---	---	---	---	---	16.4	15.4	15.7	21.9	20.9	21.2
9	---	---	---	---	---	---	16.6	15.5	15.9	21.6	20.8	21.1
10	---	---	---	---	---	---	16.3	15.3	15.7	22.0	20.7	21.2
11	---	---	---	---	---	---	16.7	15.3	15.7	22.0	21.1	21.4
12	---	---	---	---	---	---	16.3	15.5	15.8	21.9	21.2	21.6
13	---	---	---	---	---	---	16.9	15.5	16.2	22.1	21.2	21.5
14	---	---	---	---	---	---	16.8	16.3	16.5	22.0	21.3	21.7
15	---	---	---	---	---	---	17.2	16.0	16.5	22.4	21.6	21.9
16	---	---	---	---	---	---	17.6	16.2	16.7	22.5	21.7	22.1
17	---	---	---	---	---	---	17.4	16.3	16.7	23.9	22.1	22.5
18	---	---	---	---	---	---	17.6	16.5	16.9	23.4	22.1	22.3
19	---	---	---	---	---	---	19.3	16.6	17.6	23.2	22.0	22.5
20	---	---	---	---	---	---	18.0	17.4	17.6	23.8	22.6	23.1
21	---	---	---	---	---	---	18.2	17.5	17.7	23.9	23.1	23.5
22	---	---	---	---	---	---	18.8	17.6	17.8	24.9	22.8	23.8
23	---	---	---	---	---	---	19.0	17.7	18.3	24.4	23.3	23.7
24	---	---	---	14.8	13.4	13.8	19.4	18.4	18.8	24.8	23.4	24.1
25	---	---	---	14.6	13.3	13.7	19.4	18.1	18.7	25.0	23.3	24.3
26	---	---	---	14.6	13.3	13.7	19.9	17.7	19.0	25.7	23.6	25.0
27	---	---	---	15.1	13.3	13.8	21.3	19.1	20.0	26.5	24.4	25.7
28	---	---	---	15.4	13.6	14.1	22.3	20.0	21.1	26.4	24.5	25.9
29	---	---	---	15.3	13.6	14.3	20.2	19.6	19.9	26.4	24.7	25.8
30	---	---	---	15.0	14.5	14.7	20.1	19.1	19.8	25.8	24.3	25.5
31	---	---	---	15.7	14.5	15.1	---	---	---	26.8	24.4	26.0
MONTH	---	---	---	---	---	---	22.3	14.8	17.1	26.8	19.4	22.7

02172002 LAKE MOULTRIE TAILRACE CANAL AT MONCK'S CORNER, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	27.2	25.4	26.4	28.1	27.8	28.0	29.1	28.8	28.9	27.0	26.0	26.2
2	27.6	25.1	26.4	28.2	27.7	28.0	29.4	28.8	28.9	26.4	26.1	26.2
3	26.7	24.2	26.0	28.5	27.8	28.1	29.4	28.7	29.0	26.7	26.0	26.3
4	26.3	24.9	25.9	28.6	28.0	28.3	29.9	29.0	29.3	27.1	26.2	26.4
5	27.0	25.1	26.2	29.0	28.2	28.6	29.8	29.0	29.2	26.6	26.1	26.4
6	26.7	25.1	26.5	30.1	28.7	29.0	29.2	28.7	28.9	26.3	26.1	26.2
7	26.9	25.3	26.4	29.7	28.4	28.9	28.8	28.1	28.5	26.2	26.0	26.1
8	26.8	25.5	26.3	29.4	28.5	29.0	28.5	27.7	28.0	26.5	26.0	26.2
9	26.6	25.6	26.2	29.1	28.5	28.9	27.9	27.4	27.7	26.9	25.9	26.3
10	27.9	26.2	26.7	29.4	28.7	28.9	28.4	27.3	27.7	26.7	26.3	26.4
11	27.4	25.9	26.8	29.7	28.7	28.9	---	---	---	26.3	26.1	26.2
12	27.8	26.0	27.2	29.6	28.6	28.9	28.0	27.4	27.6	26.4	25.8	26.0
13	26.9	25.8	26.6	29.1	28.4	28.7	27.4	27.1	27.3	26.0	25.8	25.9
14	26.8	25.9	26.6	29.7	28.6	29.0	27.5	26.8	27.1	25.8	25.6	25.7
15	26.7	26.2	26.5	29.8	29.2	29.4	27.4	26.8	27.0	25.6	25.3	25.5
16	27.5	26.5	26.8	29.8	29.1	29.4	27.6	26.6	26.9	25.8	25.1	25.3
17	27.5	26.5	26.9	30.0	28.9	29.2	27.4	26.8	27.0	25.5	25.1	25.2
18	28.0	26.6	27.2	29.0	28.6	28.8	27.3	26.7	26.8	25.7	25.0	25.3
19	28.1	27.2	27.6	29.3	28.6	28.9	27.2	26.6	26.8	25.3	24.6	24.9
20	28.6	27.6	27.9	29.7	28.6	28.9	27.6	26.9	27.1	24.6	23.8	24.3
21	28.3	27.0	27.6	29.4	28.6	28.8	27.6	27.0	27.3	24.2	23.4	23.7
22	28.4	27.1	27.6	29.1	28.4	28.7	27.9	27.2	27.4	24.0	23.1	23.3
23	28.7	27.5	28.2	29.1	28.5	28.8	27.7	27.3	27.4	23.8	23.0	23.3
24	29.1	28.0	28.5	29.8	28.8	29.1	27.9	27.1	27.4	23.5	23.0	23.2
25	28.6	27.8	28.4	29.6	28.9	29.2	27.6	27.1	27.4	24.0	23.2	23.4
26	28.6	28.0	28.2	29.9	28.9	29.2	27.8	27.2	27.4	23.6	23.2	23.3
27	28.9	28.0	28.2	29.9	28.7	29.0	27.7	27.3	27.5	23.7	23.1	23.3
28	28.6	27.8	28.1	29.8	28.7	28.9	27.7	27.4	27.5	23.9	23.3	23.6
29	28.3	28.0	28.1	29.2	28.6	28.8	27.5	24.8	26.7	24.4	23.7	23.9
30	28.9	27.8	28.0	29.1	28.4	28.8	26.7	24.7	25.8	24.3	23.8	24.0
31	---	---	---	29.2	28.6	28.9	26.7	26.2	26.4	---	---	---
MONTH	29.1	24.2	27.1	30.1	27.7	28.8	---	---	---	27.1	23.0	25.1

DAY	MAX	MIN	Dissolved oxygen, water, unfiltered, milligrams per liter									
			MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	---	---	---	---	---	---	10.3	9.8	10.2	7.9	7.1	7.5
2	---	---	---	---	---	---	10.2	9.4	10.0	8.0	7.2	7.6
3	---	---	---	---	---	---	10.2	9.5	9.9	9.2	7.2	8.2
4	---	---	---	---	---	---	10.3	9.3	9.9	9.2	8.5	8.9
5	---	---	---	---	---	---	10.2	9.5	9.9	9.6	8.5	8.9
6	---	---	---	---	---	---	10.1	9.6	9.8	9.4	7.9	8.7
7	---	---	---	---	---	---	10.0	9.1	9.7	9.3	8.3	8.8
8	---	---	---	---	---	---	10.1	8.8	9.5	8.9	7.9	8.4
9	---	---	---	---	---	---	9.9	9.0	9.5	9.0	7.1	8.2
10	---	---	---	---	---	---	9.8	8.6	9.1	8.8	6.8	8.0
11	---	---	---	---	---	---	9.5	8.0	8.9	8.8	6.7	7.8
12	---	---	---	---	---	---	9.3	8.2	8.9	8.4	6.7	7.5
13	---	---	---	---	---	---	9.6	8.2	8.7	8.0	6.5	7.1
14	---	---	---	---	---	---	9.8	8.9	9.4	7.8	6.1	7.0
15	---	---	---	---	---	---	10.0	9.0	9.6	7.7	5.9	6.8
16	---	---	---	---	---	---	10.3	9.2	9.8	7.3	5.9	6.6
17	---	---	---	---	---	---	10.1	9.0	9.5	7.2	5.5	6.4
18	---	---	---	---	---	---	9.9	8.7	9.4	7.0	5.7	6.3
19	---	---	---	---	---	---	10.0	9.0	9.5	6.9	5.3	6.0
20	---	---	---	---	---	---	9.8	9.1	9.3	7.1	5.2	6.4
21	---	---	---	---	---	---	9.6	8.6	9.2	6.8	5.6	6.5
22	---	---	---	---	---	---	9.2	8.2	8.7	6.7	4.7	6.1
23	---	---	---	---	---	---	9.4	7.8	8.8	6.2	5.1	5.8
24	---	---	---	11.1	9.8	10.4	9.5	8.3	8.8	6.4	4.8	5.9
25	---	---	---	10.8	9.3	10.3	9.0	7.6	8.5	6.6	4.5	5.7
26	---	---	---	10.8	8.9	10.1	8.7	6.9	8.2	7.0	5.5	6.2
27	---	---	---	10.6	8.8	10.1	9.9	7.9	8.7	7.7	5.3	6.7
28	---	---	---	10.7	8.9	10.1	9.8	8.3	9.2	7.3	6.0	6.7
29	---	---	---	10.4	9.4	10.0	8.4	7.7	8.2	6.6	4.8	6.2
30	---	---	---	10.6	9.9	10.3	8.1	7.0	7.8	6.0	4.1	5.6
31	---	---	---	10.5	9.8	10.2	---	---	---	7.1	4.7	5.9
MONTH	---	---	---	---	---	---	10.3	6.9	9.2	9.6	4.1	7.0

COOPER RIVER BASIN

02172002 LAKE MOULTRIE TAILRACE CANAL AT MONCK'S CORNER, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	6.8	4.5	6.1	6.6	5.7	6.3	6.9	5.0	6.0	6.9	6.0	6.4
2	6.4	4.0	5.8	6.8	5.0	6.2	6.9	5.2	6.3	6.6	6.0	6.3
3	6.3	3.2	5.2	6.5	5.7	6.1	7.7	5.1	6.9	7.4	5.9	6.5
4	5.7	3.4	5.0	6.5	5.8	6.2	7.7	6.4	7.1	7.9	6.7	7.0
5	6.8	3.8	5.5	7.0	5.2	6.2	7.2	6.4	6.9	7.7	6.5	7.0
6	6.5	4.8	5.7	7.6	4.5	6.4	7.3	6.3	6.8	7.2	6.1	6.7
7	6.3	3.7	5.6	6.5	4.6	6.0	7.5	6.7	7.0	7.3	6.2	6.9
8	5.7	3.7	5.0	6.6	4.3	5.8	7.6	6.4	6.9	7.6	6.7	7.1
9	6.4	3.6	4.9	6.2	4.5	5.5	7.0	5.8	6.6	8.0	6.6	7.3
10	7.0	5.1	6.1	6.2	4.8	5.7	7.2	6.0	6.6	7.8	6.5	7.2
11	6.6	5.0	6.1	5.7	4.1	5.4	7.0	5.8	6.5	7.0	5.6	6.7
12	7.1	5.1	6.2	5.8	3.6	5.0	7.3	5.8	6.7	7.5	6.1	6.7
13	6.3	3.5	5.1	5.5	3.2	4.5	7.2	5.8	6.5	7.2	5.9	6.6
14	6.2	3.4	5.2	6.1	3.7	4.9	7.1	5.7	6.4	7.4	5.9	6.8
15	6.2	3.2	4.6	6.9	4.5	5.8	7.2	5.6	6.6	7.9	6.4	7.1
16	6.7	3.5	5.3	7.0	5.4	6.3	7.2	6.0	6.7	7.9	6.2	7.0
17	7.1	3.8	5.4	6.5	4.0	5.4	7.6	6.2	6.8	7.6	6.0	6.8
18	7.3	3.5	5.8	5.4	3.4	4.4	6.8	5.2	6.3	8.1	6.6	7.4
19	7.7	4.4	6.4	6.0	3.7	5.1	7.3	4.6	6.2	8.4	7.0	7.8
20	8.0	4.3	6.7	5.8	3.9	4.9	7.0	5.6	6.3	8.9	7.0	7.9
21	7.7	4.3	6.4	5.5	3.6	4.5	7.0	5.0	6.3	8.6	6.7	7.7
22	8.1	4.1	6.3	5.3	3.3	4.6	7.7	5.1	6.4	8.3	6.2	7.6
23	7.4	5.0	6.4	5.3	3.7	4.5	7.1	5.4	6.5	8.6	6.4	7.6
24	7.5	6.1	6.9	6.0	3.7	5.2	7.0	5.0	6.1	8.3	6.8	7.7
25	6.7	5.0	6.4	6.6	4.3	5.4	7.1	4.5	6.3	8.7	6.7	7.8
26	7.2	5.4	6.6	6.1	4.0	5.2	7.2	4.9	6.3	8.3	6.6	7.5
27	7.3	6.2	6.7	5.8	3.5	4.7	7.7	4.8	6.8	8.0	6.1	7.3
28	7.7	4.3	6.6	4.9	3.4	4.2	7.6	5.8	7.1	8.4	6.3	7.6
29	7.3	5.8	6.9	5.1	3.2	4.2	7.8	6.3	7.2	8.4	6.7	7.9
30	7.3	5.9	6.5	---	---	---	7.5	5.5	6.6	8.3	6.6	7.6
31	---	---	---	6.1	4.1	5.2	6.7	6.3	6.5	---	---	---
MONTH	8.1	3.2	5.9	---	---	---	7.8	4.5	6.6	8.9	5.6	7.2

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCK'S CORNER, SC

LOCATION.--Lat 33°05'36'', long 79°56'57'', Berkeley County, Hydrologic Unit 03050201, at Pimlico on right bank, 1.1 mi upstream from Seaboard Coast Line Railroad bridge, 2.1 mi downstream from Molly Branch, 7.8 mi southwest of Moncks Corner, and at mile 35.4.

DRAINAGE AREA.--Indeterminate.

GAGE-HEIGHT RECORDS

PERIOD OF RECORD.--October 1979 to current year.

GAGE.--Data collection platform. Datum of gage is 10.14 ft below NGVD of 1929 (U.S. Army Corps of Engineers benchmark). Prior to May 18, 1983, at site 0.5 mi upstream at datum 5.19 ft higher.

REMARKS.--Gage height affected by tide and regulation from Lake Moultrie (see station 02172000). Flow diverted to Santee River Basin for power generation since October, 1986 (see station 02171645).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 16.48 ft, Sep. 5, 1987; minimum gage height, 6.85 ft, Feb. 16, 1991.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 14.78 ft, Sep. 27; minimum gage height, 8.04 ft, Nov. 29.

Gage height, feet
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	13.99	11.35	12.84	13.74	11.15	12.70	12.16	9.48	11.16	12.47	10.18	11.39
2	14.24	11.19	12.88	14.34	11.22	12.87	12.48	9.83	11.32	13.06	9.87	11.53
3	14.22	11.47	12.94	14.15	11.96	13.06	13.11	10.42	11.70	12.46	9.31	11.12
4	14.03	11.84	12.86	14.15	11.39	12.83	13.31	10.56	12.17	12.50	9.56	11.16
5	14.00	10.23	12.26	13.87	11.12	12.60	13.63	10.67	12.13	13.20	9.70	11.31
6	13.99	10.75	12.26	13.76	10.85	12.34	13.20	10.14	11.67	12.83	8.86	10.98
7	14.08	10.68	12.23	13.96	10.72	12.43	13.84	10.60	12.19	13.29	9.51	11.68
8	13.70	10.67	12.31	14.21	11.11	12.57	14.01	10.70	12.30	13.39	10.26	11.75
9	14.08	10.84	12.29	14.01	11.31	12.70	13.69	10.66	12.22	13.36	9.81	11.86
10	14.07	11.11	12.44	14.15	11.39	12.77	13.68	10.63	12.32	13.72	10.15	12.03
11	13.97	11.11	12.48	13.56	10.86	12.32	13.31	9.43	11.58	13.50	10.37	12.04
12	13.88	11.38	12.66	13.16	10.30	11.91	13.16	9.55	11.66	12.88	9.52	11.38
13	13.83	11.02	12.56	12.52	9.59	11.11	13.51	10.35	12.16	12.42	9.23	10.96
14	13.87	11.15	12.72	12.94	9.43	11.48	14.21	11.22	12.58	13.03	10.59	11.75
15	13.24	10.55	12.05	13.03	10.11	11.70	12.94	10.88	11.78	12.67	9.43	11.29
16	13.32	10.86	12.12	12.67	9.90	11.44	12.99	10.63	11.80	13.01	10.48	11.98
17	13.31	11.23	12.21	12.39	9.52	11.34	13.04	10.32	11.63	13.12	10.31	11.93
18	13.39	10.29	11.97	13.22	10.03	11.76	12.49	9.91	11.42	13.39	10.04	11.72
19	13.47	10.67	12.11	13.23	10.88	12.10	12.66	9.95	11.42	12.96	9.40	11.55
20	13.68	10.43	12.08	13.77	10.50	12.08	12.87	9.24	11.37	14.16	10.20	12.20
21	13.67	10.75	12.12	14.14	11.22	12.54	13.92	9.80	11.87	13.91	10.20	12.11
22	13.88	9.68	11.82	13.91	10.67	12.33	13.90	9.87	11.84	13.83	9.95	11.96
23	14.23	11.03	12.66	14.09	10.56	12.38	13.55	9.72	11.84	13.49	9.47	11.52
24	14.19	11.15	12.67	13.90	10.43	12.36	13.49	10.14	11.92	13.51	9.71	11.59
25	14.04	11.05	12.62	14.06	10.23	12.40	13.43	9.55	11.60	14.14	9.77	12.08
26	13.67	10.63	12.36	14.07	10.89	12.54	13.23	9.41	11.67	13.47	10.87	12.25
27	14.20	10.70	12.50	13.95	10.80	12.55	13.39	10.39	11.95	13.27	10.80	12.10
28	13.96	10.64	12.54	13.72	10.67	12.34	13.11	9.95	11.72	12.64	10.44	11.33
29	13.95	11.19	12.75	12.24	8.04	10.68	12.79	10.23	11.60	---	---	---
30	13.88	11.31	12.76	12.68	10.35	11.47	12.51	9.73	11.13	12.00	8.73	10.71
31	13.86	11.32	12.74	---	---	---	12.25	10.05	11.35	12.39	8.76	11.23
MONTH	14.24	9.68	12.45	14.34	8.04	12.19	14.21	9.24	11.78	---	---	---

COOPER RIVER BASIN

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCK'S CORNER, SC--Continued

Gage height, feet
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	12.77	10.22	11.71	12.71	9.78	11.25	13.25	10.65	11.78	13.30	10.09	11.77
2	13.47	10.49	11.98	12.19	9.47	10.84	13.03	10.11	11.61	13.36	10.41	11.91
3	13.56	10.34	11.76	12.28	8.84	10.65	13.43	10.42	11.92	13.34	9.67	11.69
4	13.24	9.77	11.37	12.68	9.19	11.11	13.39	10.04	11.67	13.87	10.15	11.86
5	13.49	9.63	11.74	13.05	9.40	11.37	13.61	10.14	12.09	13.78	10.24	12.02
6	13.64	10.20	11.94	12.83	9.47	11.33	13.71	10.31	12.15	13.86	10.35	11.97
7	13.35	9.06	11.29	13.27	8.68	11.01	13.71	10.15	12.03	13.86	10.79	12.27
8	12.69	8.53	10.86	12.92	8.70	11.11	13.36	9.99	11.81	13.91	10.59	12.12
9	13.36	9.82	11.53	13.31	10.26	11.96	13.40	10.43	11.93	13.67	10.92	12.20
10	12.71	9.55	11.35	13.71	10.75	12.22	13.70	10.92	12.21	13.53	10.68	12.17
11	12.63	9.51	11.22	13.68	10.63	12.12	13.43	10.59	11.88	13.42	10.59	12.17
12	12.99	10.70	11.88	13.36	10.07	11.68	13.26	10.96	12.24	13.25	10.73	12.15
13	12.96	10.76	11.76	12.96	10.56	11.69	13.34	10.56	11.98	13.34	10.31	11.93
14	13.04	10.31	11.90	13.20	10.19	11.91	12.44	9.04	10.86	13.44	10.58	11.92
15	13.36	10.31	12.19	13.02	10.19	11.71	13.07	9.20	11.25	13.27	10.64	11.82
16	13.64	10.75	12.21	13.00	10.07	11.70	13.44	9.95	11.81	13.51	10.10	11.66
17	14.00	10.59	12.37	13.41	10.39	11.89	13.14	10.26	11.69	13.43	9.50	11.46
18	13.84	10.47	12.12	13.84	10.55	12.24	13.12	9.51	11.27	13.35	9.60	11.45
19	13.58	10.16	11.96	13.76	10.51	12.08	13.20	8.83	11.07	13.51	9.76	11.49
20	13.94	10.11	12.04	14.11	10.82	12.43	13.14	9.35	11.01	13.26	10.14	11.48
21	13.16	9.62	11.40	13.56	10.21	11.98	13.02	9.71	11.37	12.99	9.67	11.24
22	13.34	9.35	11.63	13.85	9.99	11.96	13.00	9.93	11.26	12.99	9.24	11.08
23	13.10	10.47	11.84	13.85	10.31	12.08	12.83	9.63	11.22	12.99	9.82	11.12
24	13.23	10.60	12.02	13.63	9.91	11.74	12.64	9.50	11.01	12.63	9.87	11.24
25	13.39	11.34	12.41	13.03	9.66	11.47	12.43	9.63	11.12	12.68	9.63	11.12
26	13.94	11.68	12.96	12.54	9.35	11.01	12.60	10.29	11.33	12.35	9.28	11.18
27	13.42	10.64	12.23	12.58	9.80	11.09	12.39	9.91	11.29	12.60	9.12	11.19
28	13.45	11.05	12.36	12.39	9.68	11.13	12.47	10.66	11.65	13.03	9.53	11.52
29	13.36	10.12	11.68	13.10	11.12	12.13	13.00	10.59	11.84	13.32	9.27	11.41
30	---	---	---	13.29	11.12	12.50	13.00	10.35	11.75	13.97	10.55	12.13
31	---	---	---	13.38	11.53	12.34	---	---	---	13.95	9.64	11.94
MONTH	14.00	8.53	11.85	14.11	8.68	11.67	13.71	8.83	11.60	13.97	9.12	11.70

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	14.07	9.11	11.57	13.83	10.80	12.19	14.19	11.06	12.45	13.83	10.83	12.26
2	14.15	10.11	11.95	13.79	10.60	12.01	14.19	11.23	12.53	13.51	10.93	12.37
3	14.02	9.94	11.97	13.91	10.35	11.98	13.97	11.32	12.63	13.67	10.95	12.45
4	14.02	10.31	11.97	13.91	10.78	12.29	13.79	10.94	12.57	13.46	10.50	12.23
5	13.76	10.53	12.07	13.80	10.84	12.46	13.59	10.83	12.46	13.56	10.87	12.49
6	13.83	10.82	12.36	13.75	10.76	12.21	13.49	10.39	12.20	13.99	11.19	12.67
7	13.68	10.75	12.21	13.59	10.72	12.33	13.82	10.88	12.46	13.84	11.14	12.71
8	13.52	10.66	12.19	13.59	10.47	12.26	13.62	10.51	12.24	13.69	11.34	12.69
9	13.28	10.66	12.16	13.39	10.55	12.11	13.47	10.02	12.00	12.83	9.98	11.61
10	13.61	10.47	12.19	13.71	10.17	12.05	13.39	10.07	11.73	13.28	9.35	11.44
11	13.52	9.84	11.95	13.67	10.23	12.01	13.27	9.59	11.56	13.67	10.03	11.76
12	13.28	10.51	11.83	13.61	10.14	11.85	13.19	9.47	11.51	14.24	10.53	12.30
13	14.07	10.79	12.40	13.39	10.24	11.76	13.39	9.82	11.38	14.00	10.88	12.47
14	13.72	11.10	12.35	13.47	9.96	11.60	12.95	10.35	11.63	14.19	11.14	12.57
15	13.84	10.62	12.09	13.59	9.99	11.61	13.45	9.15	11.32	14.03	11.26	12.56
16	13.05	9.99	11.77	13.91	10.53	11.85	13.34	9.99	11.54	13.81	10.88	12.45
17	13.34	10.01	11.51	13.85	10.15	11.94	13.71	10.25	11.85	13.72	11.12	12.58
18	13.42	9.59	11.43	13.46	10.29	11.69	13.55	10.67	12.18	13.27	9.79	11.62
19	13.31	10.20	11.59	13.56	10.43	11.86	13.43	10.40	11.99	13.57	9.80	11.97
20	13.52	10.64	11.99	13.56	10.40	11.89	13.19	10.03	11.73	13.83	10.87	12.57
21	13.78	11.15	12.36	13.31	10.51	11.90	12.83	9.51	11.53	14.64	11.35	12.97
22	13.85	11.19	12.35	13.27	10.33	11.96	12.65	8.95	11.31	13.35	11.04	12.86
23	12.87	9.87	11.42	13.13	10.37	12.00	13.58	9.70	11.89	14.74	10.87	12.42
24	12.40	9.42	11.18	13.17	10.07	11.91	13.70	10.28	12.15	14.30	11.03	12.56
25	12.71	9.09	11.34	13.32	9.70	11.82	13.99	10.19	12.26	14.34	11.39	12.74
26	12.50	9.31	11.28	13.47	10.04	11.83	13.86	9.84	12.01	14.50	11.58	12.90
27	13.22	9.50	11.59	13.72	10.26	12.03	14.23	10.10	12.13	14.78	11.81	13.31
28	13.38	9.23	11.56	13.79	9.35	11.81	14.31	11.07	12.45	14.54	11.16	12.71
29	13.88	9.34	11.63	13.96	9.00	11.66	---	---	---	13.53	9.99	11.81
30	14.29	9.45	11.87	14.07	10.59	12.05	---	---	---	13.50	10.47	12.21
31	---	---	---	14.04	10.90	12.38	---	---	---	---	---	---
MONTH	14.29	9.09	11.87	14.07	9.00	11.98	---	---	---	14.78	9.35	12.41

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCK'S CORNER, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1975 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: April 1983 to current year.

pH: April 1983 to September 1993 (discontinued).

WATER TEMPERATURE: August 1975 to current year.

DISSOLVED OXYGEN: April 1983 to September 1993, January 2004 to September 2004.

INSTRUMENTATION.--Water-quality multiprobe and data collection platform.

REMARKS.--Specific conductance records rated excellent except for Dec. 28 to Jan. 27, Aug. 25 to Sep. 21, which are good, and Jan. 28, 29, which are fair. Temperature records rated excellent except for Nov. 19, which are good, Oct. 1-16, Nov. 20, 21, which are fair, and Nov. 22-27, which are poor. Dissolved oxygen records rated excellent except for Feb. 24 to Mar. 9, May 20-27, June 11-16, July 3 to Aug. 11, Sep. 28-30, which are good, May 28 to June 3, June 17-27, which are fair, and Mar. 17 to Apr. 3, June 4, June 23 to July 2, which are poor.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 334 microsiemens, Sep. 17, 1985; minimum, 40 microsiemens, Sep. 7, 1987.

pH: Maximum, 8.4 units, Jul. 26, 27, 1988; minimum, 5.6 units, Sep. 7, 1987.

WATER TEMPERATURE: Maximum, 32.5°C, Jul. 21, 1986; minimum, 2.5°C, Jan. 12-13, 1981, Dec. 25, 1989.

DISSOLVED OXYGEN: Maximum, 13.7 mg/L, Jan. 20, 23, 1988; minimum, 0.0 mg/L, Sep. 24, 25, 1989.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 134 microsiemens, Aug. 1; minimum, 60 microsiemens, Oct. 16-18, but may have been lower during periods of missing record.

WATER TEMPERATURE: Maximum, 30.4°C, Aug. 4; minimum, 6.3°C, Feb. 2.

DISSOLVED OXYGEN: Maximum, 12.5 mg/L, Feb. 4, 5, 8; minimum, 3.5 mg/L, Aug. 31.

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	85	68	73	76	68	72	78	72	74	82	79	80
2	84	68	72	79	69	75	77	73	75	81	79	80
3	82	67	72	77	70	74	76	73	74	82	79	80
4	76	67	70	80	74	77	78	73	74	86	81	82
5	74	68	70	84	72	78	77	73	75	86	80	82
6	73	67	70	85	76	79	77	74	75	87	80	82
7	74	69	71	78	72	74	77	74	75	84	79	80
8	77	69	72	77	72	75	75	73	74	85	80	83
9	85	72	78	77	68	71	77	73	75	96	84	86
10	85	75	79	75	66	71	97	75	79	88	86	87
11	85	76	79	75	67	70	79	75	76	88	85	86
12	---	---	---	82	75	78	84	75	77	86	85	86
13	---	---	---	83	79	81	86	77	79	90	85	87
14	---	---	---	80	78	79	80	77	78	90	84	87
15	---	---	---	78	77	77	80	76	78	92	85	88
16	---	---	---	78	75	77	81	78	79	91	87	89
17	63	60	61	78	75	77	82	79	80	92	87	89
18	69	60	64	79	73	75	83	78	80	105	90	94
19	70	65	66	82	73	75	82	78	80	104	91	95
20	69	64	66	80	73	74	81	78	79	99	89	93
21	68	64	65	79	72	74	81	77	79	97	91	92
22	71	64	66	90	70	75	83	77	80	102	90	94
23	69	62	65	85	70	73	93	80	83	94	89	91
24	68	62	65	103	70	75	119	81	87	91	88	89
25	70	62	66	89	69	73	92	79	83	91	87	89
26	94	64	69	97	68	73	97	79	83	91	87	89
27	82	64	68	99	73	77	82	78	79	90	87	88
28	86	65	68	115	74	79	82	78	79	90	87	88
29	74	63	66	87	72	76	84	79	81	---	---	---
30	74	65	68	81	72	75	86	80	82	96	93	94
31	74	64	68	---	---	---	84	79	81	100	96	98
MONTH	---	---	---	115	66	75	119	72	78	---	---	---

COOPER RIVER BASIN

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCK'S CORNER, SC--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	103	96	98	102	101	101	103	98	100	98	95	96
2	104	96	98	103	101	102	102	99	100	100	95	98
3	106	96	98	103	101	102	101	99	100	100	95	97
4	102	96	98	104	102	103	104	97	100	103	99	101
5	105	97	98	104	102	103	103	98	100	103	97	100
6	123	98	102	104	101	102	102	97	99	106	95	99
7	104	97	99	105	102	103	102	98	99	102	94	97
8	100	97	99	105	102	103	103	98	100	101	94	95
9	104	98	99	104	99	102	107	99	101	101	94	96
10	104	98	100	103	98	100	107	98	101	109	95	98
11	101	98	99	100	98	99	112	98	102	106	92	97
12	102	96	98	100	98	99	112	97	101	97	91	93
13	101	96	99	103	100	101	102	98	99	96	91	92
14	101	97	100	---	---	---	104	99	101	94	90	92
15	101	98	99	---	---	---	103	99	101	92	90	91
16	100	97	98	---	---	---	102	99	100	94	90	92
17	99	96	97	---	---	---	102	97	99	94	91	92
18	97	96	97	---	---	---	102	98	99	95	91	93
19	99	97	98	---	---	---	103	98	100	97	91	93
20	100	98	99	---	---	---	105	98	100	95	90	92
21	101	99	100	---	---	---	102	97	99	93	90	91
22	102	99	101	---	---	---	100	96	97	93	90	91
23	102	100	101	103	99	100	99	97	98	93	90	92
24	103	100	101	101	99	100	98	96	97	96	92	93
25	102	100	101	102	99	100	101	97	98	93	90	92
26	101	99	100	102	100	101	100	97	99	93	90	92
27	101	99	100	104	101	102	100	97	98	92	90	91
28	101	100	101	104	101	102	99	95	97	92	89	90
29	102	100	101	105	101	102	102	96	97	92	89	90
30	---	---	---	105	99	101	98	96	97	92	90	91
31	---	---	---	103	99	100	---	---	---	97	90	92
MONTH	123	96	99	---	---	---	112	95	99	109	89	94

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	101	89	92	100	93	95	134	96	105	82	61	76
2	103	90	93	100	92	95	113	96	99	87	71	83
3	102	89	93	104	92	95	127	97	104	92	83	86
4	102	90	94	105	92	95	118	97	103	92	87	89
5	109	90	95	102	92	95	117	97	101	93	91	92
6	101	89	92	98	92	94	116	98	101	94	92	93
7	100	89	93	102	94	96	112	98	102	95	93	93
8	103	90	94	106	94	97	110	98	102	96	93	94
9	104	91	95	101	94	96	103	97	99	98	92	95
10	104	90	94	100	94	97	103	97	99	99	97	98
11	95	89	91	98	94	96	105	99	100	100	97	98
12	95	88	90	99	94	96	103	98	100	99	96	98
13	99	89	93	99	95	96	102	97	99	99	96	97
14	98	90	93	98	95	95	99	97	98	101	96	98
15	99	90	92	97	95	96	102	97	99	100	94	96
16	93	89	91	98	95	96	104	98	100	98	95	96
17	94	90	91	98	95	96	104	97	99	100	95	97
18	93	89	91	99	95	96	103	98	99	100	96	97
19	92	90	91	101	96	97	101	98	99	100	96	98
20	94	90	92	101	96	97	101	96	98	110	97	100
21	98	91	92	99	96	97	101	97	98	102	95	99
22	93	90	91	101	96	98	105	97	99	101	94	98
23	93	90	91	101	96	98	105	97	100	103	94	96
24	93	91	92	103	96	98	104	97	98	103	96	98
25	95	92	92	102	95	97	102	96	98	102	96	98
26	96	92	93	102	96	98	105	96	99	104	96	98
27	103	93	95	100	95	97	105	97	99	111	96	99
28	102	93	96	103	96	98	105	95	98	102	98	99
29	100	92	95	105	97	100	106	90	94	100	92	97
30	100	92	95	111	97	101	91	66	78	109	91	96
31	---	---	---	119	97	103	74	65	70	---	---	---
MONTH	109	88	93	119	92	97	134	65	98	111	61	95

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCK'S CORNER, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	23.1	22.6	22.8	20.1	19.6	19.8	---	---	---	9.5	9.2	9.4
2	22.9	22.3	22.5	20.2	19.6	19.9	---	---	---	9.6	9.2	9.5
3	22.9	21.7	22.3	20.4	19.9	20.2	---	---	---	10.6	9.5	10.0
4	22.4	21.7	22.0	21.1	20.4	20.7	---	---	---	11.4	10.4	10.8
5	22.4	21.7	22.1	21.7	20.8	21.2	---	---	---	12.2	11.1	11.6
6	22.4	21.9	22.2	22.1	21.2	21.6	---	---	---	12.4	11.1	12.0
7	22.3	21.9	22.1	21.8	21.2	21.3	---	---	---	11.1	9.8	10.1
8	22.2	21.6	21.9	21.4	20.7	21.1	---	---	---	9.8	9.2	9.5
9	22.4	21.7	22.1	20.7	19.1	19.8	---	---	---	9.7	9.5	9.6
10	22.3	21.7	21.9	19.4	18.9	19.1	---	---	---	9.6	8.8	9.0
11	21.7	21.5	21.6	19.1	18.5	18.8	---	---	---	8.8	8.1	8.4
12	22.1	21.4	21.7	19.4	18.7	19.1	---	---	---	8.7	8.0	8.3
13	22.4	21.7	22.1	19.4	18.4	19.0	11.1	10.8	10.9	8.8	8.2	8.5
14	22.7	22.2	22.4	18.4	17.3	17.8	10.9	10.2	10.6	9.0	8.4	8.7
15	22.2	21.2	21.6	17.7	16.8	17.2	10.5	10.0	10.2	9.3	8.8	9.0
16	21.6	20.8	21.3	17.5	16.9	17.2	10.5	10.1	10.3	9.0	8.6	8.8
17	21.4	21.0	21.2	17.8	17.3	17.5	10.5	10.0	10.4	9.1	8.6	8.8
18	21.4	21.0	21.2	18.0	17.7	17.8	10.0	9.6	9.8	10.4	9.1	9.7
19	21.2	20.7	20.9	18.5	17.8	18.2	9.8	9.3	9.6	10.4	10.0	10.3
20	21.3	20.7	21.0	18.0	16.9	17.4	9.5	8.8	9.1	10.0	9.0	9.3
21	21.4	21.0	21.2	17.3	16.2	16.8	8.9	8.4	8.7	9.1	8.6	8.9
22	21.5	21.0	21.2	17.0	13.8	14.7	8.8	8.3	8.5	9.5	8.6	9.0
23	21.3	20.7	20.9	14.9	14.2	14.6	9.4	8.4	8.9	9.4	8.6	9.0
24	20.8	20.3	20.6	15.4	14.6	15.0	10.1	9.3	9.7	9.3	8.3	8.8
25	20.6	20.0	20.3	15.3	14.4	14.7	10.0	8.8	9.1	9.3	8.4	9.0
26	21.0	20.5	20.7	15.0	14.2	14.6	9.1	8.5	8.8	8.5	7.7	8.1
27	21.0	20.6	20.8	15.7	14.8	15.2	9.0	8.4	8.7	7.7	7.4	7.5
28	20.9	20.3	20.6	---	---	---	9.1	8.6	8.9	7.7	7.1	7.5
29	20.4	19.9	20.2	---	---	---	9.2	8.8	9.0	7.7	7.0	7.4
30	20.4	19.7	20.0	---	---	---	9.9	9.2	9.5	7.4	7.1	7.3
31	20.2	19.6	19.9	---	---	---	9.6	9.2	9.5	7.5	7.1	7.3
MONTH	23.1	19.6	21.4	---	---	---	---	---	---	12.4	7.0	9.1

Temperature, water, degrees Celsius												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	7.2	6.6	6.9	9.8	8.8	9.2	15.8	14.8	15.3	21.2	20.4	20.8
2	7.1	6.3	6.7	11.0	9.6	10.3	15.9	15.0	15.5	21.3	20.3	20.9
3	8.0	7.1	7.6	12.1	10.5	11.3	16.3	14.9	15.6	21.8	21.0	21.3
4	7.8	7.2	7.5	11.9	11.2	11.5	16.7	15.6	16.2	21.5	20.3	20.9
5	8.0	7.4	7.6	12.4	11.0	11.7	16.5	15.3	15.9	22.1	20.7	21.3
6	9.7	7.9	8.7	12.7	11.0	11.9	16.6	15.4	16.0	22.9	21.3	22.1
7	9.8	9.2	9.6	13.4	11.0	12.3	16.9	15.7	16.3	23.1	21.9	22.6
8	9.5	7.8	8.4	13.3	10.8	11.8	17.0	16.3	16.7	23.8	22.1	22.9
9	8.8	8.3	8.5	12.3	11.7	11.9	18.0	16.4	17.2	23.8	22.6	23.2
10	8.8	8.4	8.6	12.3	11.6	11.9	18.6	17.0	17.7	24.1	22.3	23.2
11	8.9	8.5	8.7	12.7	11.4	12.0	19.3	17.5	18.3	23.6	22.3	23.0
12	8.9	8.0	8.6	13.1	11.8	12.4	19.1	17.2	18.2	23.4	22.2	22.7
13	8.7	7.9	8.3	13.4	12.4	12.9	18.4	17.0	17.5	23.7	22.5	23.1
14	8.6	8.3	8.5	13.7	12.7	13.2	17.2	15.9	16.6	23.3	22.5	22.9
15	8.6	8.3	8.5	14.6	13.2	13.8	16.9	15.9	16.4	24.1	22.5	23.1
16	9.0	8.2	8.6	14.8	13.6	14.2	18.1	16.5	17.2	24.3	23.0	23.6
17	8.7	7.7	8.3	14.5	13.2	13.8	18.8	17.3	18.0	24.4	23.0	23.8
18	8.4	7.4	7.8	14.8	13.6	14.1	19.6	17.7	18.7	24.7	23.0	23.9
19	8.9	7.8	8.3	15.8	14.2	14.9	20.0	18.0	19.1	24.7	23.3	24.1
20	9.2	8.4	8.8	15.6	14.2	14.8	19.9	18.3	19.2	24.6	23.1	23.8
21	10.4	9.1	9.7	15.4	14.4	15.0	19.9	18.1	19.0	24.9	23.6	24.2
22	10.9	9.8	10.3	15.3	13.2	14.0	20.0	18.3	19.2	25.3	24.1	24.8
23	10.7	9.4	10.1	14.3	13.0	13.7	20.2	19.0	19.6	25.5	24.4	25.0
24	10.5	9.7	10.1	14.7	13.4	14.1	20.8	19.1	19.8	25.6	24.2	25.0
25	10.2	9.0	9.5	15.2	13.9	14.5	21.4	20.1	20.7	25.7	24.3	25.0
26	9.0	8.4	8.7	16.2	14.7	15.3	21.8	20.2	21.0	25.9	24.9	25.4
27	8.6	8.0	8.3	16.6	14.9	15.8	21.3	19.8	20.6	26.4	25.4	25.8
28	8.8	7.4	8.2	16.4	15.0	15.7	21.1	19.4	20.4	26.9	25.8	26.3
29	9.0	8.0	8.5	16.3	15.0	15.7	21.4	20.4	21.0	26.9	26.1	26.5
30	---	---	---	15.9	15.1	15.4	21.6	20.8	21.1	27.6	26.6	27.0
31	---	---	---	15.9	14.9	15.3	---	---	---	27.4	26.3	26.9
MONTH	10.9	6.3	8.5	16.6	8.8	13.4	21.8	14.8	18.1	27.6	20.3	23.7

COOPER RIVER BASIN

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCK'S CORNER, SC--Continued

Temperature, water, degrees Celsius
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	26.9	25.9	26.4	28.1	27.5	27.8	29.4	28.8	29.0	26.2	25.1	25.7
2	27.5	26.2	26.8	28.2	27.4	28.0	29.3	28.6	29.0	26.4	25.5	26.0
3	27.6	26.5	27.1	29.0	27.8	28.4	29.6	28.8	29.2	26.2	25.7	25.9
4	27.6	26.4	26.8	29.0	28.2	28.7	30.4	29.1	29.6	26.4	25.7	26.0
5	27.0	25.9	26.5	29.4	28.5	29.0	30.2	29.5	29.8	26.4	26.1	26.2
6	27.6	26.4	26.8	29.7	28.6	29.2	29.8	28.7	29.3	26.2	25.8	26.0
7	27.4	26.6	27.0	30.2	29.2	29.7	28.7	27.8	28.3	25.9	25.8	25.9
8	27.3	26.8	27.1	30.3	29.2	29.7	28.1	27.6	27.8	26.4	25.8	26.1
9	27.1	26.4	26.8	29.8	28.9	29.3	27.8	27.3	27.6	26.7	26.1	26.4
10	27.7	26.3	26.9	29.5	29.0	29.3	27.8	27.4	27.6	26.7	26.5	26.6
11	27.9	26.8	27.4	29.6	29.0	29.3	27.7	27.5	27.6	26.5	26.1	26.4
12	28.4	27.3	27.8	29.4	28.9	29.1	27.9	27.4	27.6	26.1	25.6	25.9
13	28.1	27.2	27.5	29.6	28.9	29.2	27.6	26.9	27.1	25.9	25.6	25.7
14	27.2	26.6	26.8	29.9	28.9	29.4	27.2	26.5	26.9	25.6	25.2	25.3
15	27.1	26.5	26.8	30.1	29.2	29.7	27.1	26.8	26.9	25.4	25.0	25.2
16	27.3	26.5	26.9	30.1	29.3	29.8	27.5	26.7	27.1	25.9	25.2	25.5
17	27.4	26.9	27.1	30.1	29.3	29.7	27.7	27.0	27.4	26.1	25.6	25.8
18	28.4	27.0	27.6	30.0	28.6	29.1	27.7	26.9	27.3	25.6	24.9	25.3
19	28.6	27.5	28.1	29.2	28.0	28.6	27.9	27.0	27.4	25.1	24.2	24.7
20	28.9	28.1	28.5	29.6	28.6	29.1	28.0	27.2	27.7	24.6	23.6	23.9
21	28.7	28.0	28.3	29.9	28.9	29.4	28.1	27.6	27.8	23.6	23.1	23.4
22	28.2	27.5	28.0	30.0	29.2	29.6	28.2	27.4	27.7	23.7	23.3	23.5
23	28.7	27.8	28.2	29.7	29.1	29.4	28.0	27.3	27.6	23.7	23.2	23.4
24	28.9	27.9	28.4	29.6	29.0	29.3	27.9	27.3	27.6	23.6	23.4	23.5
25	29.0	28.5	28.7	29.4	28.8	29.1	27.9	27.5	27.7	23.7	23.3	23.5
26	28.8	28.2	28.5	29.7	29.1	29.4	27.7	27.4	27.5	23.7	23.4	23.6
27	29.0	28.3	28.6	29.9	29.4	29.6	27.5	27.2	27.3	24.0	23.4	23.7
28	28.7	28.2	28.4	30.2	29.5	29.8	27.6	27.2	27.4	24.3	23.6	24.0
29	28.7	28.0	28.3	29.9	29.0	29.3	27.4	26.0	26.6	24.7	23.8	24.3
30	28.8	28.1	28.5	29.4	28.5	29.0	26.0	24.8	25.2	24.8	24.2	24.5
31	---	---	---	29.4	28.8	29.1	25.7	25.1	25.3	---	---	---
MONTH	29.0	25.9	27.6	30.3	27.4	29.2	30.4	24.8	27.7	26.7	23.1	25.1

COOPER RIVER BASIN

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCK'S CORNER, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	6.6	4.2	5.6	7.1	4.8	6.3	5.9	4.2	5.1	5.0	3.6	4.3
2	6.7	4.4	5.7	6.9	5.0	6.2	6.4	4.8	5.4	5.1	3.8	4.5
3	7.0	4.7	5.9	7.3	5.4	6.4	6.3	4.5	5.6	5.1	4.2	4.7
4	6.5	4.2	5.5	7.2	5.3	6.4	6.7	4.8	5.6	5.9	4.1	4.9
5	6.3	4.6	5.5	7.1	5.4	6.3	6.0	3.8	5.1	6.1	5.1	5.5
6	6.6	5.1	5.7	7.0	4.7	6.0	5.7	4.0	4.9	6.1	5.2	5.6
7	6.6	4.7	5.6	6.9	5.2	5.9	6.2	4.4	5.4	5.9	4.9	5.4
8	6.2	4.6	5.5	6.0	4.6	5.3	6.8	4.7	5.8	6.2	5.4	5.8
9	6.0	4.5	5.2	5.7	4.1	5.0	6.0	4.0	5.2	6.2	5.2	5.6
10	5.9	4.3	5.1	5.6	4.2	5.0	6.3	4.5	5.6	5.7	4.7	5.3
11	6.4	4.8	5.6	5.7	4.1	5.1	---	---	---	5.6	4.6	5.2
12	6.7	4.8	6.0	5.6	3.9	4.8	---	---	---	5.9	4.4	5.3
13	6.5	5.0	5.8	5.3	3.8	4.7	---	---	---	5.9	4.6	5.3
14	6.3	4.1	5.6	5.5	3.9	4.8	---	---	---	5.7	4.1	5.1
15	6.6	5.2	5.9	5.9	4.1	5.1	---	---	---	6.2	4.5	5.5
16	6.8	4.8	5.8	6.6	4.5	5.7	---	---	---	6.4	5.2	5.9
17	6.8	4.5	6.1	6.4	4.8	5.8	---	---	---	6.4	5.5	6.0
18	7.3	4.7	6.4	6.2	4.1	5.0	---	---	---	6.1	5.0	5.7
19	7.4	5.3	6.5	5.2	3.8	4.5	---	---	---	7.1	5.5	6.1
20	7.7	6.2	6.9	5.8	3.7	4.7	---	---	---	7.0	6.2	6.5
21	7.7	5.6	7.0	5.8	4.1	5.0	6.3	5.1	5.8	7.9	6.3	7.1
22	7.5	4.7	6.0	5.8	4.1	5.2	6.0	5.0	5.6	7.9	6.7	7.3
23	6.1	4.3	5.0	5.7	4.2	5.1	6.1	5.0	5.4	7.7	6.2	7.1
24	8.0	4.4	6.1	5.5	3.9	4.8	6.4	4.9	5.8	7.5	6.5	7.0
25	8.1	6.6	7.3	5.8	3.9	4.8	6.3	4.8	5.8	7.4	6.0	6.9
26	7.8	6.4	7.1	5.9	4.5	5.2	6.1	4.3	5.7	7.2	6.4	6.9
27	7.4	6.3	6.8	6.0	4.7	5.3	6.1	4.4	5.6	7.0	5.7	6.5
28	7.8	6.1	7.0	5.8	4.3	5.1	6.7	5.1	6.0	6.8	6.0	6.5
29	7.9	6.1	7.0	5.3	3.7	4.5	6.7	6.0	6.3	6.6	5.6	6.1
30	7.6	5.7	6.9	5.4	3.8	4.4	6.6	4.4	5.2	6.3	5.4	5.9
31	---	---	---	5.6	3.8	4.7	4.6	3.5	4.1	---	---	---
MONTH	8.1	4.1	6.1	7.3	3.7	5.3	---	---	---	7.9	3.6	5.8

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC

LOCATION.--Lat 33°03'49'', long 79°57'26'', Berkeley County, Hydrologic Unit 03050201, on left bank of Durham Canal, 0.5 mi upstream of Secondary Road 9, and at mi 1.7.

DRAINAGE AREA.--Indeterminate.

GAGE-HEIGHT RECORDS

PERIOD OF RECORD.--October 1990 to current year. Records prior to October 1990 are in the files of the U.S. Geological Survey.

GAGE.--Data collection platform. Datum of gage is 14.04 ft below NGVD of 1929.

REMARKS.--Gage height affected by tide.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height 18.79 ft, Oct. 8, 1996; minimum gage height, 11.92 ft, Mar. 14, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 18.13 ft, Sep. 27; minimum gage height, 12.43 ft, Nov. 29.

Gage height, feet
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	17.47	15.56	16.65	17.27	15.41	16.53	15.82	13.68	14.95	16.04	14.12	15.16
2	17.55	15.50	16.69	17.61	15.46	16.65	15.95	13.94	15.07	16.36	13.98	15.30
3	17.58	15.69	16.75	17.58	16.12	16.87	16.51	14.44	15.48	15.94	13.58	14.95
4	17.49	15.80	16.69	17.50	15.65	16.67	16.89	14.73	15.99	16.02	13.76	14.98
5	17.41	14.62	16.17	17.29	15.36	16.44	17.02	14.92	15.96	16.48	13.89	15.12
6	17.33	14.87	16.10	17.11	15.10	16.18	16.61	14.39	15.50	16.15	13.23	14.80
7	17.37	14.84	16.06	17.30	15.02	16.20	17.14	14.73	15.96	16.63	13.81	15.44
8	17.22	14.91	16.15	17.54	15.31	16.39	17.34	14.90	16.11	16.82	14.37	15.58
9	17.41	15.13	16.14	17.42	15.55	16.56	17.17	14.84	16.05	16.85	14.08	15.63
10	17.40	15.23	16.28	17.59	15.54	16.61	17.17	14.84	16.15	17.03	14.43	15.84
11	17.37	15.35	16.32	17.12	15.12	16.18	16.73	13.89	15.48	16.93	14.61	15.86
12	17.35	15.52	16.50	16.75	14.58	15.77	16.64	13.80	15.47	16.52	13.85	15.28
13	17.27	15.23	16.38	16.25	13.85	15.01	16.97	14.56	15.96	15.89	13.32	14.77
14	17.30	15.38	16.53	16.41	13.60	15.24	17.55	15.43	16.42	16.54	14.43	15.48
15	17.00	14.86	15.92	16.55	14.21	15.50	16.52	14.67	15.59	16.27	13.75	15.10
16	16.87	14.89	15.96	16.23	14.06	15.28	16.56	14.62	15.62	16.50	14.51	15.73
17	16.82	15.07	16.01	15.96	13.79	15.15	16.64	13.96	15.43	16.65	14.44	15.73
18	16.75	14.50	15.82	16.59	14.23	15.52	16.06	14.04	15.19	16.84	14.30	15.56
19	16.92	14.85	15.94	16.83	15.02	15.90	16.09	13.96	15.17	16.42	13.67	15.32
20	17.01	14.64	15.90	17.08	14.59	15.82	16.23	13.56	15.14	17.35	14.37	15.94
21	17.03	14.83	15.91	17.43	15.28	16.34	17.09	14.01	15.64	17.25	14.49	15.94
22	17.13	13.98	15.63	17.25	14.92	16.16	17.13	14.15	15.65	17.15	14.18	15.77
23	17.53	15.19	16.40	17.39	14.84	16.18	16.93	14.04	15.66	16.78	13.73	15.32
24	17.53	15.41	16.50	17.32	14.74	16.17	16.95	14.41	15.74	16.81	14.00	15.42
25	17.49	15.34	16.45	17.44	14.62	16.19	16.75	13.93	15.45	17.32	14.04	15.82
26	17.18	14.98	16.20	17.45	15.19	16.38	16.63	13.77	15.44	17.05	15.07	16.11
27	17.49	14.98	16.32	17.40	15.09	16.38	16.87	14.33	15.70	16.86	14.87	15.95
28	17.42	14.96	16.37	17.15	14.95	16.14	16.64	14.14	15.56	16.25	14.24	15.11
29	17.49	15.47	16.61	15.72	12.43	14.54	16.35	14.33	15.43	16.04	13.35	15.05
30	17.42	15.37	16.57	16.22	14.15	15.22	16.10	13.70	14.96	15.58	12.97	14.56
31	17.39	15.52	16.57	---	---	---	15.88	14.09	15.12	15.92	13.11	14.98
MONTH	17.58	13.98	16.27	17.61	12.43	16.01	17.55	13.56	15.58	17.35	12.97	15.41

COOPER RIVER BASIN

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC--Continued

Gage height, feet
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	16.35	14.38	15.52	16.23	13.98	15.16	16.74	14.90	15.67	16.71	14.41	15.66
2	16.87	14.63	15.80	15.76	13.73	14.75	16.54	14.45	15.48	16.98	14.66	15.76
3	16.97	14.61	15.62	15.74	13.23	14.55	16.90	14.63	15.79	16.87	14.15	15.66
4	16.56	13.93	15.19	16.15	13.53	14.98	16.86	14.39	15.61	17.33	14.48	15.76
5	16.83	13.76	15.54	16.49	13.75	15.23	17.20	14.51	15.98	17.26	14.53	15.96
6	16.97	14.43	15.75	16.32	13.81	15.25	17.20	14.78	16.03	17.26	14.41	15.86
7	16.71	13.44	15.17	16.59	13.34	14.94	17.28	14.50	15.98	17.30	15.05	16.11
8	16.08	12.69	14.68	16.39	13.38	15.04	16.99	14.38	15.77	17.39	14.64	15.98
9	16.72	13.88	15.32	16.85	14.44	15.80	16.99	14.63	15.85	17.13	14.92	16.03
10	16.25	13.83	15.17	17.21	14.92	16.11	17.22	15.13	16.11	17.05	14.95	16.02
11	16.16	13.67	15.03	17.23	14.78	16.03	17.04	14.74	15.82	17.04	14.92	16.05
12	16.63	14.79	15.66	16.98	14.21	15.64	16.89	15.13	16.09	16.88	14.87	16.01
13	16.60	14.57	15.58	16.56	14.68	15.58	16.93	14.72	15.89	16.73	14.38	15.73
14	16.64	14.51	15.71	16.85	14.46	15.79	15.95	13.46	14.79	16.85	14.53	15.69
15	16.87	14.56	15.98	16.54	14.45	15.58	16.42	13.46	15.13	16.72	14.49	15.62
16	17.05	14.85	16.03	16.57	14.32	15.57	16.92	14.26	15.66	16.86	14.21	15.48
17	17.34	14.80	16.19	16.91	14.75	15.77	16.67	14.44	15.63	16.78	13.68	15.32
18	17.22	14.69	15.96	17.26	14.85	16.10	16.63	13.72	15.22	16.75	13.67	15.28
19	17.02	14.39	15.78	17.20	14.90	15.98	16.53	13.38	15.03	16.87	13.78	15.29
20	17.26	14.40	15.84	17.50	15.16	16.33	16.61	13.44	14.91	16.77	14.15	15.25
21	16.58	13.98	15.33	17.21	14.66	15.96	16.57	14.09	15.23	16.45	13.90	15.03
22	16.79	13.77	15.51	17.22	14.40	15.85	16.62	13.91	15.18	16.40	13.41	14.91
23	16.76	14.65	15.73	17.27	14.68	16.00	16.38	14.02	15.08	16.33	13.76	14.95
24	16.85	14.92	15.92	17.14	14.25	15.70	16.29	13.91	14.94	16.11	14.05	15.01
25	17.05	15.46	16.28	16.66	13.85	15.40	16.05	13.96	15.02	16.25	13.84	14.93
26	17.51	15.94	16.84	16.18	13.54	14.96	16.25	14.40	15.22	15.92	13.54	14.95
27	17.14	14.92	16.22	16.13	14.06	14.99	16.08	14.18	15.17	15.94	13.36	14.96
28	17.04	15.14	16.21	16.06	13.95	15.04	16.20	14.81	15.52	16.36	13.62	15.26
29	16.92	14.30	15.64	16.73	15.25	16.00	16.56	14.77	15.69	16.58	13.55	15.21
30	---	---	---	16.95	15.26	16.33	16.49	14.58	15.59	17.26	14.55	15.87
31	---	---	---	17.07	15.49	16.24	---	---	---	17.17	13.93	15.74
MONTH	17.51	12.69	15.70	17.50	13.23	15.57	17.28	13.38	15.50	17.39	13.36	15.53

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	17.20	13.37	15.38	17.22	14.61	15.96	17.50	14.95	16.23	17.32	15.03	16.06
2	17.40	14.12	15.71	17.22	14.50	15.81	17.56	15.19	16.34	17.04	14.93	16.15
3	17.33	13.99	15.77	17.25	14.33	15.81	17.43	15.47	16.42	17.18	15.16	16.26
4	17.33	14.29	15.75	17.28	15.01	16.05	17.29	15.18	16.35	16.89	14.70	16.03
5	17.12	14.75	15.81	17.29	15.09	16.18	17.19	15.03	16.25	17.13	15.03	16.30
6	17.25	15.08	16.14	17.25	15.00	16.02	16.89	14.60	16.01	17.41	15.34	16.46
7	17.17	14.94	16.04	17.04	14.92	16.11	17.18	15.05	16.26	17.30	15.34	16.55
8	17.04	14.91	16.02	16.93	14.71	16.05	17.01	14.72	16.04	17.19	15.45	16.51
9	16.88	14.86	15.95	16.89	14.63	15.96	16.90	14.19	15.79	16.35	14.01	15.47
10	16.94	14.64	15.93	17.01	14.33	15.83	16.72	14.17	15.54	16.61	13.56	15.23
11	16.87	14.10	15.74	17.07	14.51	15.87	16.58	13.80	15.35	17.02	14.18	15.55
12	16.73	14.41	15.61	16.93	14.35	15.70	16.53	13.70	15.30	17.49	14.71	16.06
13	17.40	14.97	16.17	16.78	14.11	15.53	16.71	13.61	15.14	17.40	15.03	16.28
14	17.17	15.17	16.16	16.80	13.95	15.37	16.56	14.47	15.46	17.52	15.23	16.38
15	17.20	14.56	15.89	16.87	13.98	15.38	16.75	13.40	15.16	17.45	15.30	16.36
16	16.60	14.23	15.61	17.20	14.49	15.62	16.77	14.17	15.31	17.31	15.14	16.26
17	16.73	13.99	15.29	17.14	14.24	15.75	17.03	14.45	15.62	17.27	15.22	16.36
18	16.72	13.69	15.23	16.96	14.15	15.49	17.00	14.83	15.93	16.91	14.14	15.49
19	---	---	---	16.94	14.62	15.63	17.01	14.64	15.78	16.90	14.07	15.73
20	---	---	---	16.98	14.64	15.68	16.76	14.27	15.53	17.29	15.06	16.36
21	---	---	---	---	---	---	16.41	13.74	15.32	17.88	15.51	16.73
22	---	---	---	---	---	---	16.10	13.30	15.10	17.61	15.33	16.63
23	16.50	14.11	15.24	---	---	---	16.90	13.95	15.64	17.09	14.97	16.25
24	16.03	13.66	14.99	16.60	14.28	15.68	17.08	14.33	15.92	17.57	15.13	16.32
25	16.18	13.36	15.12	16.62	13.97	15.61	17.27	14.41	16.02	17.63	15.52	16.52
26	16.16	13.59	15.09	16.81	14.04	15.60	17.17	14.11	15.82	17.84	15.59	16.69
27	16.54	13.69	15.34	17.06	14.25	15.76	17.47	14.21	15.89	18.13	16.01	17.09
28	16.65	13.50	15.34	17.00	13.59	15.59	17.58	14.95	16.22	18.04	15.22	16.62
29	17.08	13.37	15.38	17.14	13.36	15.46	17.64	15.62	16.57	17.02	14.31	15.65
30	17.46	13.67	15.64	17.36	14.45	15.80	17.44	15.44	16.53	17.02	14.67	15.99
31	---	---	---	17.46	15.07	16.14	17.32	14.85	16.11	---	---	---
MONTH	---	---	---	---	---	---	17.64	13.30	15.84	18.13	13.56	16.21

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1981 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1980 to current year.

pH: February 1981 to September 1993 (discontinued).

WATER TEMPERATURE: February 1981 to current year.

DISSOLVED OXYGEN: February 1981 to September 1993 (discontinued).

INSTRUMENTATION.--Water-quality multiprobe and data collection platform.

REMARKS.--Specific conductance records rated excellent except for Jan. 27 to Feb. 23, Feb. 28 to Mar. 6, Mar. 30 to Apr. 6, June 3-20, which are good, Mar. 7-9, July 21 to Aug. 2, which are fair, and Aug. 3-10, which are poor. Temperature records are rated excellent.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 609 microsiemens, Oct. 21, 1991; minimum, 43 microsiemens Sep. 7, 1987.

pH: Maximum, 8.4 units, Oct. 4, 10, 1987, Mar. 8, 1988; minimum, 5.3 units Sept. 7-8, 1986, May 7, 1987.

WATER TEMPERATURE: Maximum, 33.0°C, Jul. 20, 1986; minimum, 1.5°C, Dec. 26, 1989.

DISSOLVED OXYGEN: Maximum, 13.0 mg/L, Jan. 17, 1990; minimum, 0.0 mg/L, Sep. 23-Oct. 5, 1989.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 228 microsiemens, Aug. 1; minimum, 66 microsiemens, Nov. 15.

WATER TEMPERATURE: Maximum, 31.0°C, July 14; minimum, 6.7°C, Jan. 28.

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	183	83	123	107	73	85	84	71	77	90	75	82
2	183	84	124	97	76	83	83	70	76	88	76	80
3	172	80	124	96	74	83	80	70	75	94	77	83
4	150	76	108	94	75	82	92	71	80	114	79	88
5	113	74	88	86	75	82	92	71	80	109	82	93
6	100	73	83	86	73	80	94	73	80	114	82	93
7	85	73	80	84	71	77	94	72	80	94	80	89
8	83	72	79	93	71	78	80	70	75	94	81	85
9	94	74	80	90	72	78	89	71	78	139	85	101
10	98	75	82	75	68	72	161	74	103	101	85	94
11	106	73	82	81	68	73	113	73	87	97	87	91
12	90	73	79	78	69	73	105	73	83	96	87	90
13	108	74	86	78	69	73	107	74	86	104	86	94
14	105	74	85	77	69	72	86	75	80	103	87	95
15	91	71	79	76	66	70	93	75	81	98	86	92
16	83	70	76	78	67	71	87	73	78	111	86	95
17	82	71	76	91	68	75	87	74	80	112	87	97
18	98	70	79	120	71	86	89	76	82	157	91	115
19	125	72	88	116	73	93	88	74	80	226	97	138
20	99	78	86	103	75	84	97	75	82	144	102	123
21	101	73	85	103	74	89	90	77	81	170	96	121
22	111	76	86	179	79	107	99	77	85	147	103	122
23	111	76	93	176	82	113	143	81	103	124	95	109
24	105	77	90	216	81	127	215	87	125	105	93	99
25	116	82	94	177	80	113	141	93	110	106	93	100
26	197	82	111	184	76	109	168	86	114	108	93	99
27	205	77	116	172	83	113	99	82	89	103	92	97
28	187	76	112	216	86	125	91	77	83	111	90	96
29	125	82	99	111	78	97	90	77	83	98	89	92
30	116	69	90	92	71	81	90	78	85	99	90	93
31	106	73	87	---	---	---	94	79	85	105	91	97
MONTH	205	69	92	216	66	88	215	70	86	226	75	98

COOPER RIVER BASIN

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	145	93	107	120	111	114	111	102	107	105	95	98
2	172	95	120	121	110	114	114	96	106	103	95	99
3	158	98	118	122	110	115	102	96	99	106	97	102
4	115	96	106	119	111	114	109	98	103	110	98	101
5	133	96	108	117	109	113	109	97	102	116	100	104
6	211	102	131	115	107	111	110	100	105	133	98	110
7	123	96	112	117	107	111	118	100	105	121	95	106
8	113	96	102	114	106	109	116	98	105	106	94	99
9	114	96	105	114	104	109	130	98	108	117	94	103
10	117	96	104	119	103	109	125	98	106	120	94	104
11	106	94	101	110	103	105	121	98	106	113	96	105
12	112	93	100	113	100	107	127	98	106	106	94	100
13	104	93	98	113	104	107	108	97	103	96	89	93
14	101	94	97	116	104	109	109	95	102	94	88	92
15	108	93	99	118	105	109	110	94	100	99	91	94
16	110	93	99	118	105	111	102	94	98	100	94	96
17	104	93	97	115	106	111	104	94	98	104	95	97
18	100	91	96	114	106	110	107	95	100	104	93	97
19	102	92	96	113	106	110	107	94	100	105	94	98
20	100	93	96	115	106	110	106	93	99	101	90	96
21	103	93	97	116	106	111	101	90	96	94	89	92
22	106	94	99	115	105	109	102	90	95	93	90	92
23	112	95	102	112	102	106	101	89	94	95	91	93
24	117	108	114	114	102	107	101	89	94	102	92	96
25	116	113	115	116	103	107	100	88	92	95	92	94
26	119	113	115	117	103	108	104	89	95	94	91	93
27	119	112	116	115	104	108	105	93	99	96	92	94
28	119	113	114	114	104	107	107	99	101	95	92	93
29	118	112	114	110	104	107	107	95	99	99	91	94
30	---	---	---	119	97	107	107	95	99	108	92	98
31	---	---	---	108	103	106	---	---	---	112	95	103
MONTH	211	91	106	122	97	109	130	88	101	133	88	98

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	165	97	111	116	91	103	228	110	152	84	73	78
2	158	97	126	122	91	102	148	109	129	86	76	82
3	153	98	123	128	97	107	198	115	156	88	84	87
4	158	96	123	134	94	113	174	111	145	92	88	91
5	159	93	118	135	94	111	154	110	129	94	91	93
6	142	96	114	104	94	100	157	110	131	96	93	94
7	134	96	108	119	94	105	156	108	130	105	94	98
8	133	94	111	126	98	108	151	114	130	106	97	100
9	125	100	112	113	99	105	139	108	122	104	97	100
10	126	101	112	110	100	105	121	106	112	102	98	100
11	124	100	109	109	99	105	129	106	115	102	100	101
12	119	97	104	113	99	105	125	107	117	103	100	101
13	128	102	111	113	98	106	118	103	111	104	99	102
14	128	101	113	107	97	103	108	102	105	116	102	105
15	121	97	106	107	98	102	118	104	108	110	99	105
16	107	97	100	109	100	103	118	105	112	110	99	102
17	106	97	101	109	100	105	118	106	113	116	99	105
18	103	97	100	109	100	105	115	102	109	108	99	103
19	---	---	---	108	99	104	112	103	107	111	100	104
20	---	---	---	107	97	103	111	104	107	152	100	116
21	114	95	104	107	99	102	111	104	107	148	106	118
22	---	---	---	111	99	106	118	104	110	119	103	113
23	102	93	96	113	103	107	128	105	113	138	102	115
24	96	90	93	116	102	107	141	105	118	124	105	111
25	98	91	94	116	102	108	138	107	118	128	104	113
26	97	90	93	121	103	110	149	107	119	125	104	115
27	130	90	100	126	104	113	146	108	125	135	103	114
28	139	95	109	142	105	115	154	102	122	111	101	107
29	134	96	111	151	108	122	155	94	120	116	102	109
30	121	95	108	169	108	130	95	75	88	131	102	112
31	---	---	---	184	106	141	91	73	82	---	---	---
MONTH	---	---	---	184	91	108	228	73	118	152	73	103

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	23.2	22.4	22.8	20.1	19.2	19.7	14.4	13.8	14.1	---	---	---
2	22.9	22.2	22.5	20.1	19.6	19.8	13.9	13.2	13.7	---	---	---
3	22.2	21.6	21.8	20.3	19.7	20.0	13.3	12.8	13.1	---	---	---
4	22.1	21.3	21.7	21.1	19.0	20.4	12.8	12.2	12.5	---	---	---
5	22.4	21.4	21.9	21.9	20.8	21.3	12.3	11.8	12.0	---	---	---
6	22.5	21.6	22.2	22.4	21.4	21.9	12.3	11.2	11.8	---	---	---
7	22.6	22.0	22.3	---	---	---	12.0	11.2	11.6	---	---	---
8	22.9	22.0	22.4	---	---	---	11.8	10.9	11.4	10.3	9.5	9.9
9	22.9	22.2	22.5	---	---	---	11.8	10.8	11.4	10.3	9.6	9.9
10	---	---	---	---	---	---	12.2	11.5	11.8	9.6	8.8	9.2
11	---	---	---	---	---	---	---	---	---	8.8	8.0	8.4
12	---	---	---	---	---	---	---	---	---	8.7	7.7	8.2
13	---	---	---	---	---	---	---	---	---	8.8	8.2	8.5
14	22.9	22.4	22.7	18.3	17.4	17.8	---	---	---	9.2	8.5	8.8
15	---	---	---	17.4	16.7	17.1	---	---	---	9.3	8.5	9.1
16	---	---	---	17.2	16.5	16.9	---	---	---	9.2	8.5	8.8
17	---	---	---	17.5	17.0	17.2	---	---	---	9.6	8.8	9.2
18	21.3	20.8	21.1	17.9	17.3	17.6	---	---	---	10.6	9.3	9.9
19	21.2	20.7	20.9	18.3	17.7	18.0	---	---	---	10.9	10.2	10.6
20	21.2	20.6	20.9	17.8	17.0	17.4	---	---	---	10.3	9.2	9.9
21	21.5	20.5	21.0	17.6	16.8	17.1	---	---	---	9.7	8.8	9.3
22	21.5	20.8	21.1	---	---	---	---	---	---	9.7	8.8	9.3
23	21.2	20.4	20.8	---	---	---	---	---	---	9.7	8.8	9.2
24	20.9	20.1	20.5	---	---	---	---	---	---	9.5	8.5	9.1
25	20.5	19.7	20.2	---	---	---	---	---	---	9.4	8.8	9.2
26	20.9	20.2	20.6	17.0	16.2	16.6	---	---	---	8.8	7.8	8.3
27	21.1	20.7	20.9	17.2	16.4	16.8	---	---	---	7.8	7.3	7.6
28	20.9	19.4	20.5	17.4	16.4	17.0	---	---	---	7.7	6.7	7.3
29	20.4	19.3	19.8	16.4	14.8	15.4	---	---	---	8.0	7.1	7.6
30	20.4	19.2	19.9	14.9	14.0	14.4	---	---	---	7.8	7.3	7.6
31	20.2	19.0	19.7	---	---	---	---	---	---	8.0	7.4	7.6
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	7.5	7.1	7.3	10.7	8.8	9.6	17.4	15.1	16.3	22.0	21.1	21.4
2	7.8	6.8	7.3	12.7	9.8	11.0	17.0	15.0	16.0	22.3	20.8	21.4
3	8.7	7.4	8.1	14.4	10.8	12.2	16.9	15.0	15.8	22.7	21.1	21.7
4	9.1	7.7	8.3	14.5	11.7	12.7	17.4	15.7	16.4	21.7	20.5	21.1
5	8.8	7.9	8.3	15.8	11.9	13.4	17.0	15.6	16.2	21.8	20.2	21.1
6	10.9	8.5	9.5	16.6	12.4	14.1	17.2	15.7	16.3	23.0	21.2	22.1
7	11.5	10.0	10.8	16.7	12.3	14.4	17.8	16.0	16.7	24.2	22.4	23.1
8	10.1	8.8	9.7	15.0	11.8	13.5	18.1	16.8	17.2	24.5	22.9	23.6
9	9.5	8.9	9.2	12.9	12.0	12.5	19.0	17.0	17.7	24.3	23.5	24.0
10	9.5	8.9	9.2	12.4	11.8	12.2	19.8	17.8	18.5	24.3	23.2	24.0
11	9.5	9.1	9.3	13.0	11.5	12.1	20.8	18.3	19.4	24.6	23.1	24.0
12	9.6	9.0	9.2	13.9	12.2	12.8	20.8	19.0	19.6	25.1	23.0	23.9
13	9.3	8.6	9.0	13.7	12.7	13.1	21.2	18.0	19.7	24.9	22.9	23.9
14	9.3	7.9	8.9	14.6	13.0	13.5	20.5	16.5	18.5	24.9	23.0	23.9
15	9.2	7.9	9.0	15.8	13.6	14.6	18.4	15.9	17.1	25.0	22.9	23.9
16	9.9	8.6	9.2	16.3	14.4	15.2	18.8	16.4	17.3	25.0	23.5	24.2
17	9.3	8.3	8.8	16.3	13.8	15.0	19.8	17.4	18.3	24.7	23.8	24.4
18	8.8	7.7	8.3	16.1	14.0	14.9	21.0	18.5	19.3	25.5	23.8	24.6
19	9.6	7.9	8.8	17.3	14.5	15.6	21.9	19.0	20.1	25.5	24.3	24.9
20	10.3	8.8	9.5	16.4	15.1	15.8	22.1	19.4	20.4	25.6	24.1	24.9
21	11.4	9.7	10.5	17.4	15.4	16.2	21.8	19.3	20.3	25.6	24.2	24.8
22	11.7	10.6	11.1	15.7	13.9	15.0	22.7	19.5	20.5	25.7	24.8	25.3
23	11.6	10.4	11.1	14.9	13.3	13.8	22.7	19.6	20.9	26.0	25.2	25.6
24	11.4	10.4	10.9	15.4	13.4	14.2	23.3	19.7	21.1	26.5	25.0	25.9
25	10.6	9.7	10.2	16.7	14.2	15.0	22.8	20.6	21.5	26.2	25.0	25.7
26	9.8	8.4	8.8	17.3	15.0	15.8	23.1	21.2	22.0	26.4	25.6	26.0
27	8.4	7.4	7.9	17.6	15.8	16.5	23.0	21.0	21.8	26.6	25.7	26.2
28	8.2	7.3	7.7	17.8	15.9	16.8	21.9	19.8	20.6	26.9	26.0	26.5
29	9.3	7.9	8.6	17.1	15.9	16.4	21.7	20.2	20.9	27.4	26.3	26.8
30	---	---	---	16.9	15.8	16.3	22.4	20.9	21.5	28.1	26.8	27.4
31	---	---	---	17.4	15.2	16.2	---	---	---	28.4	27.1	27.6
MONTH	11.7	6.8	9.1	17.8	8.8	14.2	23.3	15.0	18.9	28.4	20.2	24.3

COOPER RIVER BASIN

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC--Continued

Temperature, water, degrees Celsius
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	28.0	26.4	27.2	28.7	27.7	28.2	29.7	29.0	29.3	26.2	25.4	25.8
2	27.9	26.5	27.2	28.5	27.8	28.1	29.6	28.8	29.2	26.4	25.6	26.0
3	28.2	27.0	27.5	29.3	27.8	28.5	29.9	28.9	29.4	26.4	25.6	26.1
4	27.6	26.8	27.3	29.8	28.5	29.0	30.4	29.2	29.8	26.6	25.7	26.2
5	27.7	26.5	27.0	30.0	28.9	29.4	30.6	29.7	30.2	26.5	26.1	26.3
6	27.5	26.8	27.1	30.1	29.1	29.6	30.4	29.3	29.7	26.2	25.9	26.1
7	27.6	27.1	27.4	30.5	29.6	30.0	29.4	28.2	28.6	26.0	25.8	25.9
8	27.5	27.1	27.4	30.4	29.8	30.1	28.3	27.7	28.0	26.5	25.9	26.2
9	27.3	27.0	27.2	30.1	29.4	29.8	27.9	27.5	27.7	27.1	26.1	26.5
10	27.7	26.6	27.3	30.1	29.4	29.7	28.0	27.2	27.6	26.9	26.4	26.6
11	28.4	27.1	27.7	30.5	29.2	29.7	27.9	27.4	27.6	26.7	26.3	26.5
12	29.0	27.6	28.2	30.1	29.1	29.5	28.0	27.4	27.7	26.5	25.8	26.2
13	28.2	27.4	27.8	30.5	29.1	29.6	27.5	26.9	27.2	26.0	25.6	25.8
14	27.7	27.0	27.3	31.0	29.2	29.9	27.5	26.5	26.9	25.6	25.3	25.4
15	27.6	26.8	27.1	30.9	29.5	30.0	27.1	26.8	26.9	25.4	25.0	25.2
16	28.1	26.9	27.3	30.6	29.4	29.9	27.8	26.5	27.1	26.0	25.1	25.6
17	28.0	27.1	27.4	30.7	29.6	30.0	27.8	27.2	27.5	26.3	25.8	26.0
18	29.0	27.2	27.9	30.0	28.9	29.5	28.3	27.3	27.7	25.9	25.3	25.7
19	---	---	---	29.7	28.4	29.0	28.4	27.2	27.8	25.3	24.4	24.9
20	---	---	---	29.9	28.6	29.3	28.6	27.5	28.1	24.7	23.6	24.1
21	---	---	---	30.3	29.1	29.7	28.6	27.9	28.2	24.0	23.2	23.5
22	---	---	---	30.5	29.5	30.0	28.5	27.8	28.1	23.7	23.0	23.3
23	28.9	28.0	28.5	30.4	29.6	30.0	28.4	27.7	28.0	23.7	23.0	23.4
24	28.8	28.2	28.5	30.2	29.4	29.7	28.4	27.5	28.0	23.8	23.2	23.5
25	29.1	28.5	28.8	29.8	29.0	29.4	28.4	27.6	28.0	24.1	23.3	23.6
26	29.1	28.6	28.9	30.0	29.2	29.6	27.9	27.6	27.7	23.9	23.4	23.6
27	29.3	28.4	28.8	30.5	29.5	29.9	27.7	27.3	27.5	24.5	23.6	24.0
28	29.3	28.4	28.7	30.7	29.6	30.0	27.7	27.1	27.4	25.1	24.0	24.4
29	29.1	28.1	28.5	30.2	29.4	29.8	27.3	24.9	26.1	25.2	24.2	24.7
30	29.0	28.2	28.6	30.3	28.9	29.5	25.8	24.2	25.1	25.1	24.5	24.8
31	---	---	---	30.0	29.0	29.4	26.1	24.8	25.6	---	---	---
MONTH	---	---	---	31.0	27.7	29.5	30.6	24.2	27.9	27.1	23.0	25.2

COOPER RIVER BASIN

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02172050 COOPER RIVER NEAR GOOSE CREEK, SC

LOCATION.--Lat 33°03'27'', long 79°56'11'', Berkeley County, Hydrologic Unit 03050201, on right bank, 6.2 mi downstream from Seaboard Coast Line Railroad bridge, 7.4 mi upstream from Goose Creek, and at mile 28.5.

DRAINAGE AREA.--Indeterminate.

GAGE-HEIGHT RECORDS

PERIOD OF RECORD.--October 1981 to current year.

GAGE.--Data collection platform. Datum of gage is 14.34 ft below NGVD of 1929 (U.S. Army Corps of Engineers benchmark).

REMARKS.--Gage height affected by tide and regulation from Lake Moultrie (see station 02172000). Flow diverted to Santee River Basin for power generation since October, 1986 (see station 02171645).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 20.31 ft, Sep. 5, 1987; minimum gage height, 10.49 ft, Mar. 14, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 19.17 ft, Sep. 27; minimum gage height, 11.34 ft, Nov. 29.

Gage height, feet
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	18.38	14.69	16.76	18.11	14.87	16.63	16.61	13.08	15.00	16.84	13.22	15.24
2	18.31	14.85	16.78	18.33	14.89	16.80	16.67	13.59	15.21	16.94	13.19	15.38
3	18.36	15.10	16.87	18.32	15.49	17.04	17.04	13.76	15.65	16.87	13.19	15.14
4	18.17	14.91	16.73	18.09	14.94	16.75	17.44	14.30	16.19	16.92	13.17	15.18
5	18.00	13.85	16.17	17.92	14.61	16.50	17.61	14.16	16.03	17.06	13.16	15.25
6	18.03	14.07	16.17	17.79	14.43	16.27	17.10	13.77	15.64	16.82	12.57	15.00
7	18.07	14.10	16.21	17.88	14.30	16.26	17.82	14.09	16.11	17.44	13.12	15.54
8	18.07	14.19	16.24	18.18	14.61	16.59	18.16	14.24	16.24	17.59	13.54	15.69
9	18.10	14.19	16.26	18.10	15.05	16.69	18.07	14.28	16.21	17.64	13.36	15.76
10	18.00	14.40	16.38	18.47	14.92	16.69	18.05	14.30	16.32	17.89	13.83	15.95
11	18.00	14.60	16.44	17.92	14.50	16.25	17.24	12.73	15.41	17.86	14.01	15.92
12	18.08	14.81	16.59	17.51	14.00	15.81	17.55	13.35	15.63	17.16	13.12	15.28
13	17.90	14.69	16.47	16.76	13.12	15.09	17.90	14.22	16.17	16.84	12.51	14.93
14	18.10	14.85	16.62	17.29	13.39	15.42	18.46	14.95	16.48	17.31	13.54	15.55
15	17.46	14.06	15.91	17.35	13.68	15.60	17.31	13.72	15.59	16.98	13.06	15.13
16	17.69	14.45	16.11	17.06	13.63	15.40	17.34	13.90	15.73	17.34	13.69	15.81
17	17.53	14.38	16.09	16.76	13.41	15.26	17.33	12.76	15.39	17.53	13.60	15.87
18	17.44	14.25	15.97	17.33	13.79	15.70	16.87	12.96	15.32	17.81	13.09	15.72
19	17.56	14.55	16.13	17.51	13.80	15.99	16.90	12.85	15.15	17.33	12.65	15.49
20	17.65	14.14	16.00	17.64	13.70	15.90	17.12	12.74	15.26	18.23	13.42	16.06
21	17.63	14.12	16.04	18.07	14.43	16.45	17.87	12.98	15.76	18.19	13.42	16.03
22	17.85	13.27	15.78	18.08	13.94	16.30	18.00	13.06	15.76	18.16	13.18	15.78
23	18.31	14.46	16.58	18.30	13.78	16.27	18.05	12.96	15.79	17.48	12.49	15.29
24	18.31	14.43	16.61	18.39	13.67	16.25	18.01	13.38	15.80	17.47	12.93	15.40
25	18.50	14.33	16.51	18.32	13.42	16.20	17.71	12.91	15.44	18.14	13.28	16.00
26	18.14	13.80	16.23	18.40	14.30	16.48	17.66	12.88	15.49	17.80	14.21	16.16
27	18.35	13.95	16.35	18.39	14.25	16.44	17.75	13.25	15.69	17.46	13.96	15.94
28	18.39	14.03	16.42	18.06	13.82	16.03	17.50	13.43	15.63	16.84	13.24	14.98
29	18.38	14.14	16.57	16.75	11.34	14.51	17.16	13.57	15.49	16.67	12.97	15.07
30	18.24	14.18	16.54	17.10	13.32	15.32	16.86	12.86	15.01	16.33	12.69	14.76
31	18.25	14.87	16.62	---	---	---	16.64	13.39	15.26	16.29	13.41	15.22
MONTH	18.50	13.27	16.36	18.47	11.34	16.10	18.46	12.73	15.67	18.23	12.49	15.50

COOPER RIVER BASIN

02172050 COOPER RIVER NEAR GOOSE CREEK, SC--Continued

Gage height, feet
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	17.19	14.00	15.72	16.69	13.18	15.14	17.09	13.84	15.62	17.26	13.59	15.72
2	17.47	14.23	16.05	16.48	12.64	14.78	16.97	13.62	15.50	17.61	13.68	15.74
3	17.52	13.78	15.66	16.40	12.49	14.65	17.41	13.84	15.82	17.53	12.91	15.56
4	---	---	---	16.75	12.78	15.04	17.62	13.57	15.65	18.16	13.19	15.75
5	17.73	13.13	15.78	17.01	12.86	15.23	17.92	13.47	15.96	18.12	13.34	15.91
6	17.71	13.66	15.88	17.04	12.87	15.12	18.10	13.61	15.96	18.23	12.98	15.75
7	16.93	12.59	15.05	17.32	12.15	14.95	18.03	13.13	15.81	18.24	13.79	15.97
8	16.95	11.62	14.76	17.38	12.18	14.91	17.79	13.40	15.68	18.24	13.67	15.95
9	17.66	12.98	15.40	17.85	13.43	15.80	17.82	13.73	15.81	18.02	14.10	16.07
10	17.09	12.88	15.20	17.93	13.78	16.00	18.02	14.15	16.05	17.87	14.21	16.05
11	16.92	12.78	15.03	17.88	13.61	15.92	17.75	13.76	15.75	17.76	14.11	16.02
12	17.27	13.90	15.70	17.68	13.22	15.52	17.46	14.10	15.98	17.55	13.96	16.00
13	17.36	13.65	15.58	17.34	13.70	15.59	17.54	13.59	15.73	17.32	13.68	15.82
14	17.38	13.74	15.71	17.60	13.75	15.75	16.38	12.51	14.60	17.51	13.48	15.75
15	17.72	13.95	16.06	17.30	13.49	15.54	17.07	12.54	15.26	17.45	13.42	15.69
16	17.77	13.96	16.06	17.35	13.64	15.66	17.44	13.45	15.71	17.52	13.37	15.59
17	18.04	13.88	16.26	17.42	13.90	15.85	17.25	13.30	15.56	17.49	12.99	15.45
18	18.08	13.59	15.95	17.98	14.02	16.15	17.27	12.65	15.18	17.62	12.90	15.41
19	17.89	13.30	15.79	17.72	13.75	15.94	17.16	12.40	14.97	17.68	13.04	15.41
20	17.92	13.31	15.80	18.15	14.40	16.40	17.28	12.20	14.84	17.33	13.06	15.26
21	17.29	12.96	15.26	17.57	13.55	15.82	17.41	13.18	15.17	17.24	13.07	15.06
22	17.61	12.75	15.50	17.96	13.26	15.81	17.30	12.88	15.11	17.30	12.95	15.04
23	17.45	13.57	15.70	17.93	13.82	15.93	17.09	13.20	14.98	17.32	13.19	15.10
24	17.55	13.97	15.93	17.86	13.39	15.60	17.00	13.09	14.86	17.00	13.44	15.10
25	17.80	14.68	16.32	17.38	13.10	15.31	16.72	13.47	15.08	16.95	13.31	14.99
26	18.24	15.34	16.82	16.89	12.92	14.95	16.90	13.78	15.25	16.72	13.13	15.04
27	17.59	14.16	16.08	16.94	13.49	15.03	16.67	13.81	15.20	16.56	12.92	15.07
28	17.43	14.55	16.16	16.65	13.55	15.16	16.75	14.33	15.55	16.98	13.06	15.35
29	17.39	13.88	15.57	17.37	14.98	16.12	16.92	14.07	15.64	17.35	13.06	15.46
30	---	---	---	17.58	15.19	16.39	16.96	13.78	15.60	18.11	13.81	16.15
31	---	---	---	17.66	14.29	16.24	---	---	---	17.96	13.06	15.87
MONTH	---	---	---	18.15	12.15	15.56	18.10	12.20	15.46	18.24	12.90	15.58
	Gage height, feet											
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	18.04	12.39	15.51	18.28	13.15	15.95	18.70	13.73	16.27	17.94	13.74	15.89
2	18.38	12.91	15.85	18.24	13.16	15.82	18.52	14.17	16.40	17.77	13.85	16.13
3	18.33	12.91	15.82	18.37	13.18	15.85	18.49	14.50	16.48	17.86	14.41	16.28
4	18.17	13.05	15.75	18.32	13.84	16.05	18.18	14.20	16.37	17.68	14.11	16.12
5	18.14	13.45	15.77	18.27	14.16	16.14	17.94	14.18	16.29	17.85	14.55	16.41
6	18.24	14.13	16.13	18.14	13.99	16.04	17.59	13.93	16.14	18.07	14.86	16.63
7	18.06	14.07	16.09	17.95	14.15	16.22	17.91	14.55	16.45	17.86	14.84	16.65
8	17.89	14.15	16.09	17.64	13.89	16.12	17.59	14.24	16.13	17.60	14.92	16.48
9	17.71	14.07	16.04	17.53	13.99	16.04	17.62	13.74	15.90	17.00	13.57	15.50
10	17.55	13.93	16.07	17.74	13.75	15.99	17.36	13.80	15.73	17.28	13.13	15.37
11	17.59	13.32	15.80	17.73	13.84	15.98	17.22	13.50	15.55	17.77	13.74	15.82
12	17.64	13.50	15.82	17.59	13.82	15.88	17.23	13.23	15.45	18.30	14.07	16.28
13	18.20	14.47	16.46	17.52	13.44	15.66	17.32	12.75	15.18	18.43	14.36	16.42
14	17.84	14.36	16.23	17.52	13.30	15.50	17.36	13.26	15.55	18.29	14.53	16.53
15	17.90	13.72	15.99	17.57	13.37	15.55	17.54	12.79	15.32	18.12	14.23	16.38
16	17.41	13.48	15.62	17.97	13.73	15.82	17.68	13.23	15.45	18.05	14.26	16.30
17	17.60	13.25	15.40	---	---	---	17.96	13.55	15.71	18.18	14.47	16.37
18	17.54	13.01	15.32	17.56	13.26	15.55	17.76	14.05	15.95	17.42	13.27	15.50
19	17.76	13.62	15.51	17.80	13.85	15.75	17.76	13.85	15.76	17.78	13.43	15.88
20	18.13	14.35	16.01	17.73	13.96	15.73	17.49	13.57	15.56	18.29	14.59	16.61
21	18.13	14.48	16.32	17.66	13.85	15.78	17.12	13.11	15.32	18.73	14.92	16.92
22	18.16	14.43	16.08	17.53	13.95	15.85	17.13	12.70	15.21	18.32	14.61	16.67
23	17.20	13.54	15.24	17.47	14.03	15.86	17.64	13.38	15.82	17.87	14.15	16.26
24	16.69	13.22	15.06	17.31	13.73	15.72	17.91	13.71	16.08	18.37	14.42	16.51
25	16.93	12.79	15.26	17.32	13.35	15.68	18.05	13.78	16.18	18.45	14.68	16.71
26	16.87	13.06	15.18	17.57	13.22	15.73	17.98	13.36	15.97	18.80	14.63	16.83
27	17.46	13.17	15.59	17.94	13.46	15.90	18.29	13.24	16.05	19.17	15.13	17.21
28	17.39	12.69	15.48	18.05	12.85	15.74	18.48	13.76	16.35	18.04	13.73	16.40
29	17.93	12.38	15.52	18.05	12.45	15.61	18.15	14.03	16.21	17.74	13.17	15.70
30	18.29	12.73	15.78	18.35	13.19	15.94	17.90	13.78	16.08	17.85	13.77	16.11
31	---	---	---	18.52	13.77	16.25	17.99	13.64	15.86	---	---	---
MONTH	18.38	12.38	15.76	---	---	---	18.70	12.70	15.90	19.17	13.13	16.30

02172050 COOPER RIVER NEAR GOOSE CREEK, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water year 1971 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1970 to current year.

pH: July 1981 to September 1993 (discontinued).

WATER TEMPERATURE: October 1970 to current year.

DISSOLVED OXYGEN: July 1981 to September 1995, February 2004 to September 2004.

INSTRUMENTATION.--Water-quality multiprobe and data collection platform.

REMARKS.-- Temperature records rated excellent. Specific conductance records rated excellent except for Dec. 12 to Feb. 2, Mar. 9 to Apr. 6, May 27 to June 9, which are good. Dissolved oxygen records rated good except for May 28 to June 4, Sep. 30, which are fair, and June 5-9, which are poor. Top and bottom temperature July 1975 to Oct. 1980.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 4,270 microsiemens, Oct. 8, 1985; minimum, 30 microsiemens, Sep. 2 - 4, 1987.

pH: Maximum, 8.5 units, Sep. 29, 30, 1981; minimum, 5.3 units, May 29, 30, 1993.

WATER TEMPERATURE: Maximum, 32.5°C, Aug.1, 2, 1999; minimum, 3.0°C, Jan. 16, 1988.

DISSOLVED OXYGEN: Maximum, 15.2 mg/L, Feb. 4, 5, 1994; minimum, 0.0 mg/L, Oct. 2, 7, 8, 1989.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 1,520 microsiemens, Mar. 30; minimum, 71 microsiemens, Sep. 1.

WATER TEMPERATURE: Maximum, 30.8°C, July 23; minimum, 6.6°C, Feb. 2.

DISSOLVED OXYGEN: Maximum, 11.6 mg/L, Feb. 5; minimum, 3.2 mg/L, Sep. 1, 2.

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	543	115	302	248	89	157	157	90	126	142	94	116
2	522	115	300	263	92	170	140	85	117	138	87	105
3	542	106	285	317	95	195	177	88	131	216	86	129
4	530	108	257	281	95	192	363	86	191	285	93	175
5	247	95	167	231	93	155	370	93	218	330	99	193
6	215	92	150	207	88	140	245	90	163	274	97	186
7	218	90	148	164	86	126	236	92	163	268	101	177
8	202	89	143	220	83	139	234	89	145	209	96	146
9	216	90	150	254	88	167	247	91	161	399	108	191
10	236	92	165	251	93	147	537	101	245	435	103	215
11	243	91	167	168	92	130	264	91	153	307	101	177
12	239	90	159	157	83	120	214	92	150	212	102	148
13	238	97	160	132	81	98	290	92	179	164	105	138
14	266	90	161	120	82	96	568	101	321	200	110	161
15	160	85	119	197	78	114	300	89	155	184	109	147
16	147	82	108	208	80	131	196	89	142	177	105	144
17	230	83	139	283	86	162	221	94	154	225	102	157
18	271	81	131	500	100	277	156	87	123	671	108	285
19	624	91	309	727	102	390	158	88	120	600	116	330
20	911	98	379	387	92	240	156	84	116	649	140	366
21	507	94	280	382	95	222	204	85	136	583	125	311
22	405	102	235	473	102	271	250	87	159	541	150	323
23	492	107	287	634	114	330	428	92	223	415	123	225
24	507	107	294	726	106	353	602	108	307	287	112	179
25	559	114	321	647	105	323	505	114	258	246	119	171
26	587	103	313	594	99	287	385	115	248	277	123	206
27	585	120	327	623	114	326	329	102	196	246	109	180
28	593	112	308	573	115	324	210	95	151	158	101	122
29	470	124	288	191	93	130	176	99	144	109	97	102
30	325	92	190	186	101	148	167	99	138	141	97	109
31	238	87	149	---	---	---	149	100	126	445	103	174
MONTH	911	81	222	727	78	202	602	84	173	671	86	187

COOPER RIVER BASIN

02172050 COOPER RIVER NEAR GOOSE CREEK, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	23.8	22.6	23.3	20.6	19.7	20.1	14.8	13.9	14.3	9.9	9.3	9.6
2	23.4	22.4	22.9	20.5	19.8	20.1	14.2	13.5	13.9	9.7	9.3	9.4
3	22.6	21.7	22.2	20.5	19.9	20.2	13.7	12.8	13.3	10.1	9.4	9.7
4	22.3	21.6	21.9	20.9	20.2	20.5	13.1	12.2	12.7	10.8	9.9	10.4
5	22.3	21.7	22.1	21.5	20.7	21.1	12.7	11.7	12.1	12.1	10.7	11.4
6	22.5	22.0	22.3	22.1	21.4	21.8	12.0	11.5	11.7	12.4	11.8	12.1
7	22.6	22.2	22.4	22.3	21.8	22.1	11.8	11.3	11.5	11.9	10.5	11.4
8	22.8	22.3	22.5	22.2	21.5	21.9	11.6	11.0	11.4	11.1	9.6	10.4
9	23.0	22.4	22.7	21.7	19.5	20.6	11.8	11.0	11.4	11.1	9.7	10.4
10	22.9	22.5	22.7	20.3	18.3	19.0	12.3	11.4	11.9	10.4	9.0	9.6
11	22.8	22.1	22.4	19.1	18.1	18.6	12.0	11.3	11.7	9.6	8.0	8.8
12	22.6	21.7	22.3	19.2	18.4	18.8	12.0	11.0	11.5	9.1	7.7	8.4
13	22.9	22.0	22.5	19.3	18.8	19.0	11.9	11.0	11.5	9.1	8.0	8.5
14	23.3	22.6	22.9	18.8	17.8	18.4	11.8	10.4	11.2	9.3	8.3	8.8
15	22.9	22.0	22.4	18.1	17.0	17.6	10.9	10.0	10.4	9.4	8.8	9.0
16	22.5	21.3	21.9	17.9	16.8	17.4	10.8	10.0	10.4	9.4	8.8	9.1
17	22.2	21.1	21.7	18.0	17.1	17.4	10.9	10.2	10.6	9.4	8.8	9.0
18	21.8	21.0	21.4	18.3	17.4	17.8	10.5	9.8	10.2	10.0	8.9	9.6
19	21.7	20.8	21.2	18.4	17.8	18.2	10.2	9.1	9.6	10.4	10.0	10.2
20	21.6	20.8	21.1	18.1	17.4	17.8	9.5	8.6	9.2	10.3	9.5	9.9
21	21.5	20.9	21.1	17.8	17.0	17.4	9.2	8.4	8.7	10.0	8.8	9.4
22	21.5	20.9	21.1	17.7	16.9	17.3	9.0	8.2	8.6	10.0	8.8	9.4
23	21.1	20.8	20.9	17.6	16.9	17.3	9.5	8.4	9.0	9.7	8.7	9.2
24	20.8	20.3	20.6	18.0	17.1	17.5	10.0	9.2	9.6	9.6	8.4	9.1
25	20.7	19.9	20.4	17.8	16.9	17.3	10.0	9.4	9.7	9.6	8.7	9.2
26	21.1	20.3	20.7	17.5	16.3	17.0	10.0	8.8	9.5	9.4	7.7	8.6
27	21.2	20.8	21.0	17.7	16.5	17.1	9.8	8.5	9.2	8.6	7.1	7.9
28	21.3	20.8	21.0	17.7	16.8	17.3	9.7	8.5	9.1	7.6	6.7	7.1
29	21.2	20.2	20.7	16.8	15.0	16.1	9.6	8.8	9.2	7.1	6.8	7.0
30	20.9	19.8	20.5	15.8	14.2	15.1	9.9	9.0	9.5	7.3	6.9	7.1
31	20.7	19.7	20.2	---	---	---	9.9	9.4	9.6	7.6	7.1	7.3
MONTH	23.8	19.7	21.7	22.3	14.2	18.6	14.8	8.2	10.7	12.4	6.7	9.3

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	7.7	6.8	7.2	9.7	8.4	9.0	15.8	15.4	15.7	21.5	21.2	21.4
2	7.4	6.6	7.0	10.7	9.2	9.9	15.7	15.3	15.5	21.7	21.2	21.5
3	7.9	7.2	7.6	11.8	10.2	10.9	15.9	15.2	15.5	21.8	21.3	21.6
4	8.2	7.7	7.9	12.7	11.0	11.8	16.7	15.6	16.0	21.5	20.8	21.2
5	8.7	7.8	8.2	13.4	12.0	12.7	16.6	15.8	16.1	21.8	20.7	21.3
6	10.0	8.4	9.2	14.0	13.0	13.5	17.0	15.9	16.4	23.0	21.3	21.9
7	10.8	9.9	10.4	14.3	13.0	13.9	17.3	16.2	16.7	24.0	21.9	22.9
8	10.6	9.3	10.0	14.2	13.0	13.7	17.5	16.7	17.1	24.4	22.9	23.6
9	10.3	8.8	9.7	13.9	12.5	13.3	18.4	17.0	17.5	24.5	23.6	24.1
10	10.0	8.9	9.5	13.5	12.2	12.9	19.0	17.4	18.2	24.5	23.9	24.2
11	10.1	9.1	9.5	13.0	11.7	12.5	19.6	18.2	18.9	24.6	24.0	24.3
12	9.9	8.8	9.5	13.2	12.3	12.7	19.6	18.9	19.3	24.6	23.9	24.3
13	9.6	8.6	9.2	13.4	12.5	12.9	19.6	18.5	19.2	24.7	23.8	24.3
14	9.5	8.7	9.1	13.8	12.7	13.2	18.5	16.9	17.8	24.8	24.0	24.4
15	9.4	8.7	9.0	14.7	13.4	13.9	17.5	16.3	17.0	24.8	23.7	24.3
16	9.2	8.7	8.9	14.9	14.1	14.5	17.7	16.6	17.2	24.9	24.0	24.5
17	9.1	8.2	8.6	15.0	14.5	14.8	18.8	17.4	17.9	24.9	24.2	24.7
18	8.4	7.7	8.1	15.1	14.5	14.8	19.7	18.1	18.7	25.2	24.3	24.9
19	8.9	7.9	8.4	16.0	14.8	15.3	20.4	18.7	19.5	25.5	24.7	25.2
20	9.7	8.6	9.1	16.0	15.4	15.7	20.5	19.4	20.0	25.6	24.8	25.3
21	10.8	9.5	10.0	16.5	15.5	16.0	20.8	19.7	20.3	25.9	24.5	25.4
22	11.3	10.1	10.6	16.0	14.9	15.5	21.0	19.8	20.5	26.1	25.1	25.6
23	11.3	10.6	11.0	15.5	13.4	14.5	21.3	20.3	20.9	26.3	25.4	25.9
24	11.4	10.9	11.1	14.7	13.6	14.3	21.7	20.3	21.0	26.7	25.7	26.2
25	11.2	10.2	10.9	15.5	14.2	14.7	21.9	21.0	21.5	26.9	25.7	26.3
26	10.7	8.5	9.7	16.1	14.8	15.3	22.0	21.5	21.8	27.1	26.1	26.5
27	9.0	7.9	8.3	16.9	15.3	16.0	22.0	21.5	21.8	27.2	26.2	26.7
28	8.4	7.5	7.8	17.1	16.1	16.7	21.7	20.1	21.2	27.3	26.5	26.8
29	8.9	7.7	8.4	17.0	16.1	16.6	21.2	20.4	20.8	27.5	26.8	27.1
30	---	---	---	16.7	16.0	16.5	21.5	20.8	21.2	27.8	27.1	27.5
31	---	---	---	16.4	15.8	16.1	---	---	---	28.0	27.5	27.8
MONTH	11.4	6.6	9.1	17.1	8.4	14.0	22.0	15.2	18.7	28.0	20.7	24.6

02172050 COOPER RIVER NEAR GOOSE CREEK, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	10.4	9.6	10.0	8.3	7.2	7.9	7.3	6.0	6.8
2	---	---	---	10.3	9.5	9.9	---	---	---	6.8	5.7	6.4
3	---	---	---	10.0	9.0	9.6	---	---	---	6.6	5.8	6.3
4	---	---	---	9.9	8.8	9.4	---	---	---	7.2	6.0	6.5
5	11.6	10.4	11.3	9.6	8.5	9.2	---	---	---	7.4	6.2	6.6
6	11.3	10.3	11.1	9.4	8.4	9.0	---	---	---	7.5	6.1	6.7
7	11.0	10.4	10.7	9.3	7.2	8.7	8.8	7.8	8.3	7.7	6.0	6.8
8	11.2	10.1	10.7	9.1	6.8	8.3	8.3	7.6	8.0	7.5	6.3	6.8
9	11.0	10.3	10.7	9.5	7.8	8.7	8.0	7.2	7.7	7.1	6.0	6.6
10	10.9	10.2	10.6	9.4	7.9	8.6	8.0	7.0	7.6	6.9	6.0	6.4
11	10.9	10.1	10.6	9.7	8.2	8.9	7.8	6.9	7.4	6.8	5.6	6.3
12	10.7	9.9	10.3	9.6	8.6	9.2	7.6	6.9	7.3	6.7	5.7	6.1
13	10.7	9.8	10.3	9.5	8.4	9.1	7.4	6.6	7.0	6.4	5.6	6.0
14	10.6	9.7	10.2	9.4	8.5	9.0	7.4	6.5	6.9	6.3	5.7	6.0
15	10.2	9.5	9.9	9.4	8.3	8.9	7.7	6.6	7.2	6.3	5.6	6.0
16	10.1	9.4	9.8	9.3	7.9	8.7	7.9	6.8	7.4	6.3	5.5	5.9
17	10.2	9.5	9.8	9.0	7.8	8.5	8.1	7.1	7.5	6.2	5.6	5.9
18	10.4	9.6	10.0	9.3	7.9	8.7	8.0	7.1	7.6	6.4	5.5	5.8
19	10.7	9.8	10.3	9.4	8.1	8.7	7.7	6.8	7.3	6.1	5.1	5.7
20	10.6	10.0	10.3	9.2	7.8	8.7	7.5	6.6	7.1	6.5	5.5	5.8
21	10.3	9.6	10.1	8.9	7.6	8.4	7.5	6.7	7.0	6.4	5.3	5.9
22	10.2	9.3	10.0	9.2	7.5	8.4	7.4	6.4	7.0	6.2	5.2	5.9
23	10.2	9.5	9.9	9.4	7.7	8.7	7.2	6.3	6.8	6.4	5.3	5.8
24	10.0	9.2	9.6	9.2	8.2	8.7	7.3	6.3	6.8	6.1	5.3	5.8
25	9.8	8.9	9.4	9.2	8.0	8.7	7.3	6.0	6.7	6.1	5.2	5.7
26	10.1	9.0	9.5	9.2	7.9	8.6	7.3	6.0	6.6	6.1	5.2	5.8
27	10.1	9.2	9.6	8.9	7.2	8.4	7.2	5.8	6.5	6.3	5.4	5.9
28	10.4	9.4	9.9	8.8	7.2	8.1	7.3	6.1	6.8	6.3	5.5	5.9
29	10.4	9.6	10.1	8.7	7.3	8.0	7.5	6.6	7.1	6.1	5.5	5.8
30	---	---	---	8.3	7.4	7.9	7.7	6.8	7.3	5.8	5.1	5.5
31	---	---	---	8.1	7.3	7.8	---	---	---	5.8	4.8	5.3
MONTH	---	---	---	10.4	6.8	8.8	---	---	---	7.7	4.8	6.1

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	5.5	4.8	5.2	5.7	4.8	5.2	5.3	4.2	4.7	4.0	3.2	3.6
2	5.4	4.5	4.9	5.7	4.7	5.1	5.8	4.0	4.9	4.3	3.2	3.7
3	5.3	4.4	4.8	5.9	4.5	5.1	6.1	4.3	5.0	4.4	3.4	3.9
4	5.2	4.3	4.7	6.3	4.7	5.2	6.1	4.5	5.3	4.4	3.7	4.1
5	5.7	4.2	4.7	6.5	4.7	5.4	6.0	4.8	5.4	4.9	3.8	4.3
6	5.7	4.3	4.9	6.2	5.1	5.6	5.8	4.8	5.4	5.2	4.2	4.7
7	5.5	4.4	4.9	6.2	5.1	5.6	6.0	5.0	5.6	5.4	4.7	5.1
8	5.4	4.4	4.8	5.9	5.0	5.5	6.0	5.2	5.7	5.8	5.1	5.5
9	5.4	4.4	4.9	5.8	4.8	5.3	6.2	5.3	5.8	5.8	5.0	5.4
10	5.2	4.4	4.8	5.5	4.7	5.1	6.8	5.2	6.0	5.4	4.6	5.0
11	5.2	4.5	4.9	5.3	4.6	5.0	6.7	5.7	6.2	5.1	4.4	4.7
12	5.5	4.4	5.1	5.2	4.4	4.8	6.4	5.6	6.0	5.1	4.2	4.7
13	5.2	4.6	5.0	5.4	4.4	4.8	6.1	5.4	5.8	5.2	4.4	4.8
14	5.5	4.4	4.9	5.7	4.5	5.1	6.5	5.2	5.9	5.1	4.4	4.9
15	5.5	4.7	5.0	5.8	4.6	5.2	6.4	5.4	6.0	5.4	4.6	5.0
16	5.7	4.8	5.3	6.0	4.9	5.3	6.4	5.4	5.9	6.1	4.6	5.3
17	5.9	5.0	5.3	6.0	4.8	5.3	6.3	5.4	5.8	6.5	5.0	5.8
18	6.2	5.1	5.5	5.5	4.7	5.2	6.7	5.5	6.0	6.4	5.5	6.1
19	6.4	5.2	5.7	5.4	4.2	4.9	6.9	5.5	6.1	6.5	5.7	6.1
20	6.2	4.8	5.5	5.7	4.3	5.0	6.4	5.5	6.1	6.8	5.9	6.3
21	5.9	5.0	5.4	5.8	4.4	5.1	6.3	5.4	6.1	7.0	5.9	6.5
22	6.5	4.7	5.6	6.0	4.7	5.4	6.2	5.3	5.8	6.8	6.0	6.5
23	6.4	5.3	5.9	5.9	4.8	5.4	6.0	5.0	5.6	6.9	6.2	6.6
24	6.5	5.6	6.1	5.7	4.6	5.2	5.8	5.0	5.4	6.7	6.1	6.5
25	6.5	5.7	6.2	5.5	4.3	4.9	5.8	4.9	5.4	6.7	6.0	6.4
26	6.5	5.7	6.1	5.5	4.2	5.0	5.9	5.0	5.4	6.8	6.0	6.4
27	6.3	5.6	6.0	5.6	4.4	5.1	6.0	5.0	5.5	6.9	6.2	6.6
28	6.1	5.4	5.8	5.5	4.3	5.0	5.8	4.8	5.3	7.0	6.3	6.7
29	6.1	5.2	5.6	5.2	4.3	4.8	6.2	4.8	5.7	6.9	6.2	6.6
30	6.0	4.8	5.5	5.3	4.1	4.8	5.8	5.0	5.5	6.6	6.0	6.4
31	---	---	---	5.3	4.1	4.8	5.1	3.8	4.2	---	---	---
MONTH	6.5	4.2	5.3	6.5	4.1	5.1	6.9	3.8	5.6	7.0	3.2	5.5

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

Gage height, feet
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	---	---	---	---	---	---	9.39	4.43	7.30	9.60	4.53	7.41
2	---	---	---	---	---	---	9.25	4.43	7.22	10.07	4.25	7.39
3	---	---	---	8.82	3.99	6.45	9.83	4.62	7.53	9.99	3.51	7.17
4	---	---	---	9.21	4.02	6.78	10.03	4.25	7.37	10.74	3.46	7.44
5	---	---	---	9.39	4.04	6.93	10.27	4.10	7.58	10.71	3.87	7.50
6	---	---	---	9.55	3.76	6.73	10.68	4.06	7.57	10.74	3.60	7.31
7	---	---	---	9.60	3.10	6.69	10.37	3.74	7.30	10.76	4.27	7.44
8	---	---	---	9.79	2.84	6.56	10.40	4.11	7.29	10.76	4.40	7.50
9	---	---	---	10.48	4.02	7.46	10.40	4.59	7.46	10.58	4.81	7.68
10	---	---	---	10.37	4.34	7.53	10.55	4.83	7.67	10.39	4.89	7.70
11	---	---	---	10.26	4.33	7.47	10.23	4.66	7.41	10.20	4.94	7.66
12	---	---	---	10.10	4.31	7.13	9.89	4.86	7.59	9.94	4.85	7.62
13	---	---	---	9.77	4.58	7.31	9.96	4.19	7.29	9.74	4.65	7.47
14	---	---	---	10.06	4.84	7.42	8.93	3.73	6.24	9.72	4.31	7.42
15	---	---	---	9.73	4.50	7.19	9.40	4.05	7.03	9.83	4.26	7.40
16	---	---	---	9.81	4.53	7.35	9.79	4.35	7.41	9.84	4.27	7.33
17	---	---	---	9.94	4.54	7.56	9.66	4.01	7.20	9.86	4.21	7.20
18	---	---	---	10.23	4.51	7.82	9.57	3.69	6.88	9.87	4.15	7.17
19	---	---	---	10.03	4.07	7.55	9.44	3.50	6.67	9.86	4.30	7.14
20	---	---	---	10.57	4.84	8.09	9.49	3.38	6.53	9.58	4.12	6.90
21	---	---	---	9.89	4.08	7.37	9.66	4.11	6.85	9.58	4.26	6.76
22	---	---	---	10.09	3.80	7.48	9.43	4.12	6.81	9.51	4.53	6.83
23	---	---	---	9.99	4.66	7.55	9.15	4.47	6.66	9.37	4.79	6.89
24	---	---	---	9.75	4.45	7.24	9.12	4.47	6.59	9.36	4.71	6.86
25	---	---	---	9.73	4.41	6.99	9.13	4.94	6.91	9.27	4.63	6.73
26	---	---	---	9.26	4.43	6.73	9.26	5.22	7.03	9.05	4.56	6.76
27	---	---	---	9.15	5.01	6.83	9.00	5.15	7.00	8.85	4.46	6.81
28	---	---	---	8.99	5.13	7.05	8.98	5.50	7.33	9.08	4.46	7.01
29	---	---	---	9.66	6.36	7.92	9.17	4.98	7.28	9.67	4.48	7.24
30	---	---	---	9.85	6.25	8.13	9.37	4.86	7.29	10.43	4.89	7.88
31	---	---	---	9.95	5.15	7.92	---	---	---	10.21	4.08	7.52
MONTH	---	---	---	---	---	---	10.68	3.38	7.14	10.76	3.46	7.26

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	10.47	3.47	7.22	10.67	3.47	7.39	11.12	4.22	7.85	10.03	3.94	7.35
2	10.89	3.84	7.52	10.65	3.47	7.26	11.03	4.75	8.00	10.20	4.46	7.73
3	10.80	3.62	7.39	10.74	3.69	7.32	10.86	4.94	8.05	10.32	5.08	7.91
4	10.79	3.74	7.29	10.71	4.09	7.43	10.64	4.63	7.93	10.13	5.20	7.86
5	10.80	3.91	7.30	10.58	4.32	7.47	10.30	4.92	7.89	10.20	5.75	8.18
6	10.76	4.43	7.64	10.45	4.46	7.48	10.05	4.93	7.88	10.31	6.22	8.42
7	10.65	4.61	7.69	10.25	4.62	7.70	10.34	5.63	8.20	10.14	6.08	8.45
8	10.38	4.70	7.71	9.89	4.52	7.67	9.84	5.40	7.84	9.85	6.07	8.15
9	10.19	4.74	7.69	9.99	5.12	7.82	9.81	5.23	7.66	9.33	5.10	7.28
10	9.93	4.82	7.71	10.07	5.02	7.79	9.57	5.24	7.54	9.50	4.74	7.17
11	9.80	4.48	7.45	10.05	5.14	7.81	9.49	5.07	7.36	10.06	5.18	7.71
12	10.12	4.44	7.65	9.81	5.20	7.71	9.46	4.76	7.27	10.50	5.12	8.07
13	10.58	5.56	8.28	9.75	4.83	7.39	9.38	4.11	6.90	10.69	5.24	8.15
14	10.19	5.03	7.92	9.74	4.79	7.26	9.72	3.93	7.27	10.57	5.21	8.23
15	10.05	4.84	7.69	9.73	4.68	7.32	9.77	4.32	7.12	10.36	4.71	7.97
16	9.81	4.43	7.29	10.20	4.86	7.61	9.98	4.31	7.20	10.45	4.80	7.92
17	9.84	4.51	7.17	10.14	4.80	7.60	10.16	4.51	7.40	10.59	5.00	7.94
18	9.71	4.36	7.06	9.79	4.44	7.25	10.06	4.78	7.59	9.86	4.17	7.17
19	10.12	4.73	7.29	10.05	4.70	7.47	9.84	4.54	7.38	10.22	4.50	7.60
20	10.51	5.37	7.84	9.99	4.87	7.41	9.72	4.54	7.23	10.87	5.75	8.42
21	10.45	5.81	8.05	9.85	4.90	7.45	9.47	4.33	6.97	11.13	5.86	8.63
22	10.46	5.19	7.64	9.80	4.95	7.52	9.58	4.13	6.98	10.63	5.56	8.26
23	9.55	4.73	6.93	9.79	5.01	7.53	10.08	4.77	7.55	10.33	5.05	7.92
24	8.93	4.45	6.80	9.64	4.83	7.38	10.33	4.91	7.79	10.73	5.30	8.25
25	9.15	4.24	7.02	9.74	4.60	7.35	10.39	4.99	7.86	10.95	5.46	8.48
26	9.16	4.46	6.90	9.98	4.50	7.41	10.37	4.49	7.69	11.19	5.24	8.55
27	9.86	4.67	7.32	10.34	4.42	7.56	10.70	4.20	7.77	11.55	5.43	8.85
28	9.67	3.94	7.15	10.41	4.14	7.45	11.04	4.49	8.06	10.27	4.10	7.77
29	10.25	3.70	7.22	10.45	3.78	7.34	10.49	3.92	7.59	10.06	3.72	7.40
30	10.47	3.76	7.42	10.87	3.92	7.63	10.25	3.87	7.39	---	---	---
31	---	---	---	11.17	4.20	7.90	10.12	3.76	7.29	---	---	---
MONTH	10.89	3.47	7.44	11.17	3.47	7.51	11.12	3.76	7.56	---	---	---

COOPER RIVER BASIN

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	61800	-42800
4	---	---	---	---	---	---	---	---	---	---	65700	-46100
5	---	---	---	---	---	---	---	---	---	---	69800	-49900
6	---	---	---	---	---	---	---	---	---	---	67000	-51100
7	---	---	---	---	---	---	---	---	---	---	65300	-50800
8	---	---	---	---	---	---	---	---	---	---	72300	-52600
9	---	---	---	---	---	---	---	---	---	---	71500	-52700
10	---	---	---	---	---	---	---	---	---	---	76900	-46200
11	---	---	---	---	---	---	---	---	---	---	71500	-48300
12	---	---	---	---	---	---	---	---	---	---	68200	-45500
13	---	---	---	---	---	---	---	---	---	---	65000	-47300
14	---	---	---	---	---	---	---	---	---	---	68900	-50100
15	---	---	---	---	---	---	---	---	---	---	66900	-53000
16	---	---	---	---	---	---	---	---	---	---	67200	-53200
17	---	---	---	---	---	---	---	---	---	---	71500	-48800
18	---	---	---	---	---	---	---	---	---	---	74000	-52900
19	---	---	---	---	---	---	---	---	---	---	73600	-54000
20	---	---	---	---	---	---	---	---	---	---	78800	-61900
21	---	---	---	---	---	---	---	---	---	---	77700	-58900
22	---	---	---	---	---	---	---	---	---	---	69700	-55800
23	---	---	---	---	---	---	---	---	---	---	73100	-55800
24	---	---	---	---	---	---	---	---	---	---	70700	-47100
25	---	---	---	---	---	---	---	---	---	---	64900	-50300
26	---	---	---	---	---	---	---	---	---	---	59800	-42100
27	---	---	---	---	---	---	---	---	---	---	62400	-38200
28	---	---	---	---	---	---	---	---	---	---	62200	-45200
29	---	---	---	---	---	---	---	---	---	---	64600	-45200
30	---	---	---	---	---	---	---	---	---	---	66900	-42400
31	---	---	---	---	---	---	---	---	---	---	74700	-37800
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

DAY	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	69000	-37400	73200	-51500	81400	-57300	78700	-54200	77200	-52500	79400	-48400
2	78700	-45900	74500	-52300	77900	-58400	76600	-57800	77900	-61300	68800	-55700
3	69800	-51300	74500	-51500	82700	-60800	75200	-55000	75800	-48600	69800	-52000
4	72200	-54000	73800	-59500	81500	-55600	75700	-56000	73000	-45300	63300	-56400
5	79200	-53000	79500	-59300	80200	-54400	74300	-47000	66800	-46600	69200	-44500
6	76100	-56000	78800	-55300	77500	-53300	72200	-47100	65100	-52100	65200	-44400
7	82300	-55700	77600	-51900	73900	-56500	70400	-46300	71700	-49800	60100	-47400
8	75500	-51800	77800	-53200	70500	-49700	66300	-49100	60500	-40700	64200	-44000
9	72600	-51000	71300	-50300	68800	-51000	63500	-45700	61900	-36200	61600	-45600
10	76100	-50600	71700	-52200	67400	-53000	62700	-47800	62100	-41000	64300	-46300
11	73200	-48900	68600	-47400	67000	-51600	64300	-47500	61900	-41400	68700	-43000
12	72200	-46500	67500	-48000	62600	-57400	62600	-41600	57800	-42200	76800	-49900
13	69000	-50000	64700	-52100	72300	-61200	68000	-40400	67300	-38100	71400	-53900
14	62400	-47200	67300	-45600	71200	-52000	65800	-42100	73600	-35500	76100	-49100
15	67600	-48100	68400	-51200	71000	-47200	65000	-46600	68600	-59100	76400	-53400
16	72000	-54100	73000	-53700	67300	-51600	64700	-43900	64900	-40900	71400	-54100
17	70900	-49400	68400	-55400	63400	-48100	72300	-44800	68400	-46700	69000	-53900
18	68600	-48300	67800	-52100	68200	-48300	69000	-41500	69100	-42100	64900	-49200
19	66300	-53800	71900	-48700	64900	-49400	64000	-40800	68000	-41800	67000	-55200
20	68400	-50300	69200	-40800	65400	-52100	64500	-40000	65200	-47200	68400	-61200
21	68700	-45100	62600	-41700	73600	-43500	67200	-44900	61200	-46500	76500	-59600
22	66000	-51000	62500	-45300	76100	-39500	66000	-40700	60400	-47600	74200	-54400
23	65400	-43000	61300	-46600	58200	-39000	61700	-40900	69500	-50200	72700	-53000
24	62700	-41800	60200	-33000	58700	-37300	62500	-45900	74400	-58200	80500	-58600
25	59900	-43100	---	---	61400	-40100	63300	-45300	78700	-53000	83000	-55400
26	58700	-43100	---	---	59000	-41000	64800	-48700	76200	-60600	80100	-56100
27	61200	-36300	61600	-40300	65900	-50000	75900	-51400	80900	-56300	80100	-53400
28	65800	-30900	69400	-41500	70500	-47400	79700	-55600	78200	-56500	83600	-43500
29	70200	-33300	69200	-50800	77900	-58900	76400	-64000	81500	-50200	69900	-56400
30	70200	-44500	74000	-51500	79300	-52200	76400	-56100	75600	-51000	73100	-60800
31	---	---	78900	-55400	---	---	74300	-59000	72100	-52600	---	---
MONTH	82300	-56000	---	---	82700	-61200	79700	-64000	81500	-61300	83600	-61200

COOPER RIVER BASIN

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	22800	2140	10800	11300	139	3030	12500	547	3710	13800	277	5100
2	25700	2080	11700	12900	179	4060	12600	311	4790	12300	281	4310
3	24100	1800	8840	13000	221	5610	14000	296	5260	10500	225	2920
4	12800	713	4350	16700	311	6300	16000	357	5260	14900	286	3550
5	19400	524	7230	15000	346	5000	15700	507	5490	13600	400	4080
6	20800	743	8310	10400	285	2650	14900	468	4530	13600	452	3760
7	9290	455	2280	10800	211	3010	13200	360	3230	13700	430	3380
8	9940	283	2180	11100	258	2580	11000	363	2970	12000	340	2730
9	14700	342	4300	13400	410	4270	13100	459	3840	11900	347	3100
10	11200	359	3720	15200	454	4230	15100	508	4630	11400	393	3590
11	8680	260	2540	12300	298	2960	13500	443	4210	11300	361	3800
12	10600	253	3800	10600	218	2480	12300	317	3640	10400	268	3220
13	12100	212	3560	10500	290	3590	8880	204	1850	8580	244	2890
14	11000	180	3360	15400	310	4680	2150	138	568	7280	208	2380
15	16300	180	5430	14500	266	4350	9810	137	3130	7960	154	2080
16	13800	228	3270	14200	263	5600	12500	260	4380	11300	164	2770
17	16100	208	3970	12900	346	4540	9680	285	3070	13600	204	3340
18	11900	228	2420	15800	371	5020	9810	265	2530	14000	272	3740
19	10400	181	2250	10600	360	3500	9560	237	2250	13200	321	3790
20	7000	193	1330	14000	353	4570	8860	233	2040	7320	235	2150
21	4460	165	1070	9200	384	3080	8210	237	2090	7470	175	1530
22	9030	189	2230	10400	322	2820	8210	196	1970	11600	176	2260
23	7530	304	2250	9900	247	2430	8500	167	1740	11800	227	3180
24	9890	379	3370	9900	188	1780	5710	137	1230	12200	276	3870
25	11000	375	3710	9560	157	1820	8060	167	2840	9260	181	2530
26	17400	341	5060	7540	180	2190	12800	342	4530	9760	176	3570
27	7920	141	1640	10300	252	3400	12300	446	4680	11900	162	4270
28	12800	168	3020	11400	313	4450	14800	391	5100	12700	178	4690
29	8720	133	2080	19300	3890	10300	15900	415	5420	18100	156	5530
30	---	---	---	23000	2420	11800	14000	404	5400	22500	1010	10200
31	---	---	---	19400	1180	6820	---	---	---	19100	912	7410
MONTH	25700	133	4140	23000	139	4290	16000	137	3550	22500	154	3730

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	18700	561	5130	16700	433	4120	18600	968	6210	599	86	242
2	18400	716	5760	14400	360	3770	18000	853	5490	2130	83	375
3	16400	676	5060	16400	412	3940	18500	1020	6360	6480	95	1130
4	15100	591	4030	16000	496	3790	15600	816	5120	9030	106	1940
5	13800	510	3320	14800	403	3440	12300	618	4260	11800	129	2800
6	13300	450	3400	10600	303	2520	14100	429	4520	16500	152	5120
7	11600	403	3130	12200	325	3830	20800	477	7770	13200	278	4100
8	11900	432	3770	13900	306	4570	16400	644	6550	6060	197	1560
9	11000	412	3870	11500	262	3640	16000	284	4370	4730	121	900
10	11500	368	4120	15500	262	5010	16800	307	5620	9520	110	1880
11	9650	254	2500	17500	284	5320	20700	498	6540	16600	120	4590
12	13400	193	3640	17200	335	5770	16200	404	5070	20100	354	6090
13	21000	636	8340	14300	342	4450	14400	348	3390	17700	443	5730
14	15100	719	5150	14400	257	3780	12000	273	3070	15800	566	5490
15	12000	508	3900	14600	237	4290	17900	229	5080	11600	302	3650
16	8780	242	2030	19400	344	5960	15200	383	4950	8860	306	2550
17	11200	207	2720	18500	457	5770	14200	326	4150	10300	256	2830
18	10600	172	2450	12300	371	3890	13700	289	3120	5380	204	1090
19	13800	191	2890	14900	364	4450	8880	209	2240	12600	186	2760
20	20600	366	5730	14700	296	4110	7770	169	2060	19900	309	6940
21	20600	1050	8250	13100	250	4100	7180	154	2010	22200	921	8970
22	18900	506	4500	12900	279	4750	11200	140	2810	18100	1030	6500
23	5600	216	1630	12700	299	4870	16800	210	5520	11600	464	3100
24	7050	175	2340	13100	233	4470	19000	377	6070	16200	353	4690
25	13900	163	4930	14500	198	4210	20400	531	6430	16100	461	5170
26	11500	248	4650	17500	243	5080	19700	493	5960	15000	643	5330
27	21200	325	7900	19900	316	5950	19900	541	6030	12600	656	5370
28	20900	620	6900	20300	389	5670	19000	584	5800	8060	367	2040
29	21900	519	6310	18800	464	5490	11000	226	1960	3800	226	1030
30	20500	551	6270	19300	659	6060	854	107	310	6820	244	1820
31	---	---	---	19100	894	6720	566	93	221	---	---	---
MONTH	21900	163	4490	20300	198	4640	20800	93	4490	22200	83	3530

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	24.5	23.7	24.1	21.2	20.5	20.9	16.3	15.0	15.7	10.6	10.0	10.4			
2	24.2	23.3	23.8	21.1	20.4	20.8	15.8	14.3	15.1	10.6	10.1	10.4			
3	23.5	22.7	23.1	21.1	20.5	20.8	---	---	---	10.9	10.1	10.5			
4	23.1	22.2	22.8	21.4	20.7	21.0	---	---	---	11.5	10.5	11.0			
5	23.1	22.3	22.6	21.8	21.0	21.4	14.3	12.9	13.5	12.1	11.2	11.6			
6	22.9	22.3	22.6	22.2	21.6	21.9	13.6	12.4	12.9	12.3	11.7	12.0			
7	22.9	22.5	22.7	22.5	22.0	22.3	13.1	12.1	12.5	12.2	11.4	11.8			
8	23.0	22.6	22.8	22.5	21.4	22.2	12.7	11.8	12.2	11.9	11.4	11.7			
9	23.2	22.8	23.0	22.1	20.3	21.4	12.7	11.7	12.2	11.8	11.2	11.5			
10	23.2	22.8	23.0	20.8	19.9	20.4	13.0	12.1	12.5	11.4	10.5	11.0			
11	23.1	22.8	23.0	20.3	19.3	19.8	12.6	12.0	12.3	10.8	9.8	10.2			
12	23.3	22.7	22.9	20.3	19.0	19.5	12.6	11.9	12.2	10.3	9.3	9.7			
13	23.6	22.6	23.0	19.9	19.1	19.4	12.5	12.0	12.2	10.2	9.2	9.7			
14	23.6	23.0	23.2	19.3	18.6	19.0	12.4	11.7	12.1	10.3	9.4	9.8			
15	23.3	22.8	23.0	19.2	18.2	18.6	12.2	11.2	11.6	10.2	9.5	9.8			
16	23.1	22.4	22.7	19.1	18.0	18.5	12.0	11.0	11.4	10.0	9.4	9.8			
17	23.1	22.3	22.6	19.1	18.1	18.6	11.9	10.9	11.5	10.1	9.1	9.8			
18	22.8	22.0	22.4	19.2	18.3	18.8	11.4	10.5	11.0	10.7	9.8	10.2			
19	22.7	21.7	22.2	---	---	---	11.1	10.2	10.7	10.8	10.3	10.5			
20	22.6	21.7	22.1	---	---	---	10.6	9.7	10.2	10.7	9.8	10.4			
21	22.3	21.6	21.9	18.6	17.9	18.3	10.2	9.3	9.7	10.5	9.8	10.2			
22	22.2	21.5	21.8	---	---	---	9.8	9.1	9.6	10.4	9.9	10.2			
23	21.7	21.1	21.5	18.2	17.7	18.0	10.0	9.2	9.7	10.3	9.8	10.0			
24	21.4	20.7	21.1	18.4	17.7	18.1	10.6	9.7	10.1	10.2	9.5	9.9			
25	21.1	20.7	20.9	---	---	---	10.3	9.9	10.1	10.1	9.4	9.9			
26	21.4	20.8	21.1	18.0	17.3	17.6	10.4	9.9	10.1	9.8	9.1	9.5			
27	21.5	21.1	21.3	---	---	---	10.5	9.9	10.1	9.4	8.7	9.1			
28	21.5	21.3	21.4	18.3	17.4	17.9	10.5	9.7	10.0	9.1	7.7	8.4			
29	21.7	20.9	21.3	---	---	---	10.3	9.8	10.1	8.2	7.5	7.8			
30	21.5	20.8	21.1	---	---	---	10.7	10.0	10.3	8.3	7.6	7.9			
31	21.3	20.7	21.0	---	---	---	10.6	10.0	10.3	8.5	7.9	8.3			
MONTH	24.5	20.7	22.3	---	---	---	---	---	---	12.3	7.5	10.1			

DAY	MAX	MIN	MEAN	FEBRUARY			MARCH			APRIL			MAY		
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	8.4	7.9	8.2	9.2	8.3	8.7	16.3	15.7	16.1	21.5	21.2	21.3			
2	8.4	7.7	8.1	10.0	9.0	9.4	15.9	15.6	15.8	21.7	21.4	21.6			
3	8.7	8.0	8.3	10.6	9.7	10.1	16.0	15.4	15.7	21.9	21.2	21.7			
4	8.5	7.9	8.3	11.3	10.3	10.8	16.1	15.5	15.8	21.6	21.1	21.4			
5	9.1	8.4	8.6	12.5	11.0	11.8	16.1	15.6	15.9	21.9	21.0	21.4			
6	10.3	8.9	9.5	13.5	12.2	12.9	16.7	15.6	16.1	22.6	21.2	21.7			
7	10.6	10.1	10.3	14.1	12.9	13.6	17.2	15.8	16.4	23.3	21.7	22.2			
8	10.6	10.1	10.3	14.1	13.4	13.8	17.2	16.4	16.8	23.9	22.3	23.0			
9	10.4	10.0	10.2	13.8	13.2	13.6	18.2	16.6	17.2	24.3	22.9	23.6			
10	10.6	10.1	10.3	13.7	12.9	13.3	18.6	17.0	17.7	24.5	23.1	23.9			
11	10.6	10.1	10.3	13.9	12.5	13.0	19.1	17.7	18.3	24.5	23.6	24.1			
12	10.4	9.9	10.2	13.3	12.5	12.9	19.4	18.3	18.9	24.7	23.9	24.4			
13	10.5	9.7	10.0	13.5	12.5	12.9	19.8	18.8	19.3	25.2	24.2	24.7			
14	10.1	9.5	9.9	13.7	12.5	13.1	19.4	18.1	18.9	25.1	24.6	24.9			
15	9.9	9.5	9.7	14.0	13.2	13.5	18.5	17.9	18.2	25.2	24.7	25.0			
16	9.8	9.2	9.6	14.3	13.7	13.9	18.6	17.6	18.1	25.3	24.9	25.1			
17	9.5	8.9	9.2	14.8	13.9	14.3	18.6	17.5	18.1	25.8	24.9	25.1			
18	9.0	8.6	8.8	15.0	14.1	14.6	18.9	17.9	18.4	25.4	24.8	25.2			
19	9.1	8.4	8.8	15.4	14.6	15.1	19.4	18.5	19.0	25.8	25.1	25.4			
20	9.4	8.8	9.1	15.6	15.0	15.3	19.9	19.0	19.5	26.3	25.2	25.6			
21	10.1	9.4	9.8	16.1	15.3	15.7	20.6	19.5	20.0	26.6	25.5	25.9			
22	10.8	9.9	10.2	15.8	15.1	15.5	21.2	19.9	20.6	26.9	25.7	26.1			
23	11.0	10.1	10.5	15.8	14.7	15.2	21.7	20.5	21.0	27.1	25.9	26.2			
24	11.1	10.5	10.8	15.4	14.4	14.8	22.3	20.9	21.3	27.8	25.9	26.5			
25	11.1	10.7	10.8	15.2	14.4	14.8	22.7	21.2	21.6	27.8	26.1	26.8			
26	10.7	9.9	10.4	16.1	14.7	15.1	22.5	21.3	21.8	27.7	26.4	27.0			
27	10.2	8.4	9.3	16.6	15.1	15.5	22.2	21.4	21.8	27.6	26.6	27.1			
28	9.4	8.1	8.5	16.7	15.5	16.0	22.2	21.0	21.7	27.6	26.7	27.2			
29	8.7	7.9	8.3	17.1	15.2	16.1	21.9	21.0	21.5	27.6	27.0	27.4			
30	---	---	---	16.7	15.4	16.1	21.6	21.1	21.3	27.9	27.1	27.5			
31	---	---	---	16.9	15.9	16.4	---	---	---	28.1	27.5	27.8			
MONTH	11.1	7.7	9.5	17.1	8.3	13.8	22.7	15.4	18.8	28.1	21.0	24.7			

COOPER RIVER BASIN

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

Temperature, water, degrees Celsius
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	28.0	27.3	27.8	29.1	28.6	28.9	30.2	29.8	30.0	26.9	26.4	26.6
2	28.2	27.5	27.8	29.0	28.4	28.7	30.1	29.6	29.8	27.1	26.6	26.8
3	28.1	27.6	27.9	29.1	28.2	28.7	30.3	29.4	29.8	27.3	26.6	26.8
4	27.9	27.4	27.7	29.7	28.6	29.0	31.0	29.6	30.1	27.6	26.7	27.0
5	28.1	27.1	27.6	30.0	28.8	29.4	31.0	29.8	30.4	27.3	26.9	27.1
6	27.9	27.3	27.7	30.3	29.3	29.8	30.6	30.1	30.3	27.1	26.7	26.9
7	28.3	27.3	27.8	30.9	29.5	30.2	30.2	28.9	29.6	27.0	26.6	26.8
8	28.0	27.5	27.9	30.7	29.7	30.3	29.6	28.7	29.3	27.0	26.6	26.8
9	28.2	27.4	27.9	30.7	29.7	30.4	29.3	28.6	28.9	27.1	26.5	26.7
10	28.3	27.5	28.0	30.9	30.0	30.5	29.0	28.3	28.6	27.2	26.9	27.0
11	28.4	27.9	28.2	31.1	30.2	30.5	28.7	28.1	28.4	27.2	26.6	27.0
12	28.8	28.2	28.4	30.5	30.0	30.3	28.5	28.1	28.3	27.0	26.5	26.9
13	28.5	27.8	28.2	30.6	30.1	30.3	28.3	27.7	27.9	26.9	26.3	26.7
14	28.2	27.8	28.0	30.7	30.2	30.4	27.9	27.4	27.6	26.6	26.1	26.4
15	28.2	27.9	28.0	30.7	30.1	30.5	27.7	27.3	27.5	26.4	26.0	26.1
16	28.1	27.7	27.9	30.9	30.1	30.4	27.7	27.2	27.5	26.8	25.8	26.2
17	28.1	27.7	27.9	30.6	30.0	30.4	28.0	27.4	27.6	26.7	26.2	26.4
18	28.5	27.8	28.1	30.3	29.9	30.1	28.6	27.4	27.8	26.7	26.1	26.3
19	29.0	28.1	28.5	30.9	29.3	30.0	28.8	27.7	28.2	26.3	25.8	26.0
20	29.6	28.4	28.8	30.9	29.6	30.0	29.2	28.2	28.6	25.8	25.0	25.3
21	29.1	28.1	28.8	30.9	29.7	30.2	29.1	28.5	28.8	25.3	24.3	24.9
22	29.9	28.3	29.0	31.0	29.8	30.3	29.1	28.7	28.9	24.9	24.2	24.7
23	29.8	28.7	29.2	30.9	29.9	30.5	29.0	28.6	28.9	24.7	24.0	24.4
24	29.6	28.7	29.1	30.8	30.2	30.6	29.1	28.4	28.9	24.5	24.0	24.3
25	29.6	28.8	29.2	30.7	30.2	30.5	29.1	28.4	28.9	24.4	24.0	24.2
26	29.4	28.7	29.2	30.7	30.0	30.5	28.8	28.4	28.6	24.4	24.1	24.2
27	29.6	28.9	29.3	30.7	30.1	30.5	28.6	28.1	28.4	24.7	24.2	24.5
28	29.5	28.9	29.3	30.8	30.1	30.5	28.4	27.8	28.2	25.0	24.5	24.8
29	29.5	29.0	29.3	30.5	30.0	30.4	28.1	26.4	27.2	25.3	24.7	25.0
30	29.4	28.7	29.2	30.5	29.8	30.3	26.5	25.8	26.2	25.4	25.0	25.2
31	---	---	---	30.3	29.8	30.2	26.8	26.1	26.4	---	---	---
MONTH	29.9	27.1	28.4	31.1	28.2	30.1	31.0	25.8	28.6	27.6	24.0	25.9

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
14	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
15	---	---	---	---	---	---	---	---	---	---	10.4	7.6	9.5	---	
16	---	---	---	---	---	---	---	---	---	---	10.5	7.4	9.5	---	
17	---	---	---	---	---	---	---	---	---	---	10.6	7.8	9.5	---	
18	---	---	---	---	---	---	---	---	---	---	10.5	7.8	9.4	---	
19	---	---	---	---	---	---	---	---	---	---	10.5	7.3	9.3	---	
20	---	---	---	---	---	---	---	---	---	---	10.5	7.6	9.5	---	
21	---	---	---	---	---	---	---	---	---	---	10.7	7.6	9.7	---	
22	---	---	---	---	---	---	---	---	---	---	10.9	7.6	9.8	---	
23	---	---	---	---	---	---	---	---	---	---	11.1	8.0	10.1	---	
24	---	---	---	---	---	---	---	---	---	---	11.0	8.0	9.9	---	
25	---	---	---	---	---	---	---	---	---	---	11.0	7.7	9.7	---	
26	---	---	---	---	---	---	---	---	---	---	10.5	7.6	9.5	---	
27	---	---	---	---	---	---	---	---	---	---	10.7	8.1	9.5	---	
28	---	---	---	---	---	---	---	---	---	---	10.8	8.0	9.6	---	
29	---	---	---	---	---	---	---	---	---	---	10.9	8.6	9.8	---	
30	---	---	---	---	---	---	---	---	---	---	10.8	8.2	9.6	---	
31	---	---	---	---	---	---	---	---	---	---	10.6	8.0	9.4	---	
MONTH	---	---	---	---	---	---	---	---	---	---	---	---	---	---	

DAY	MAX	MIN	MEAN	FEBRUARY			MARCH			APRIL			MAY		
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	10.2	7.6	9.1	---	---	---	8.8	7.2	8.2	7.3	5.4	6.6	---	---	---
2	10.3	7.7	9.2	---	---	---	8.9	6.9	8.2	7.0	5.2	6.5	---	---	---
3	10.3	7.8	9.4	---	---	---	8.9	7.1	8.2	6.8	5.7	6.4	---	---	---
4	10.3	8.2	9.6	---	---	---	8.8	7.0	8.1	6.8	5.6	6.4	---	---	---
5	10.3	7.6	9.3	---	---	---	8.6	6.9	8.0	6.8	5.4	6.3	---	---	---
6	10.1	7.6	9.0	---	---	---	8.5	7.1	7.9	6.7	5.4	6.2	---	---	---
7	9.8	7.2	9.0	---	---	---	8.5	7.1	7.9	6.8	5.3	6.2	---	---	---
8	10.0	7.4	8.8	---	---	---	8.2	6.8	7.7	7.0	5.3	6.3	---	---	---
9	9.7	6.7	8.8	---	---	---	8.0	6.6	7.5	6.8	5.4	6.2	---	---	---
10	10.5	6.6	8.5	---	---	---	7.8	6.5	7.3	6.5	4.8	5.9	---	---	---
11	11.2	6.4	9.7	---	---	---	7.7	6.3	7.2	6.0	3.6	5.1	---	---	---
12	10.9	6.5	9.5	---	---	---	7.6	6.3	7.2	6.8	3.9	5.6	---	---	---
13	10.8	7.3	9.6	10.0	8.4	9.4	7.5	6.2	7.1	6.8	3.5	5.8	---	---	---
14	10.6	7.3	9.5	10.1	8.0	9.3	7.3	6.4	7.1	6.0	3.1	4.8	---	---	---
15	10.3	7.0	9.4	10.0	7.7	9.4	7.4	6.0	7.0	6.1	3.4	5.0	---	---	---
16	10.3	6.9	9.3	9.8	7.7	9.1	7.4	6.3	7.0	6.1	3.4	5.0	---	---	---
17	10.7	6.2	9.1	9.7	8.0	9.0	7.6	6.1	7.1	6.0	3.1	4.9	---	---	---
18	10.8	7.4	9.7	9.7	8.0	8.9	7.8	6.3	7.3	6.0	3.6	4.9	---	---	---
19	10.9	7.0	9.9	9.8	8.0	9.0	7.8	6.4	7.3	6.2	3.6	5.0	---	---	---
20	---	---	---	9.6	7.7	8.9	7.7	6.6	7.4	6.2	3.4	5.0	---	---	---
21	---	---	---	9.6	7.8	9.0	7.6	6.3	7.2	6.6	3.6	5.2	---	---	---
22	---	---	---	9.6	8.0	9.0	7.7	6.6	7.2	6.7	3.5	5.1	---	---	---
23	---	---	---	9.7	7.9	9.1	7.6	6.3	7.2	6.7	3.5	5.2	---	---	---
24	---	---	---	10.1	7.9	9.4	7.7	6.6	7.2	6.8	3.8	5.3	---	---	---
25	---	---	---	10.2	7.9	9.6	7.6	6.3	7.0	7.0	3.1	5.3	---	---	---
26	---	---	---	10.1	7.9	9.5	7.4	5.6	6.8	6.7	3.7	5.3	---	---	---
27	---	---	---	9.9	8.1	9.2	7.3	5.5	6.6	6.6	3.3	5.0	---	---	---
28	---	---	---	9.6	7.3	8.9	7.2	5.5	6.7	6.7	3.4	5.3	---	---	---
29	---	---	---	9.0	7.1	8.2	7.3	5.2	6.6	---	---	---	---	---	---
30	---	---	---	8.6	7.0	7.9	7.4	5.6	6.7	---	---	---	---	---	---
31	---	---	---	8.6	6.9	8.0	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	8.9	5.2	7.3	---	---	---	---	---	---

COOPER RIVER BASIN

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	5.5	4.2	5.1	5.2	2.5	4.0	5.3	3.9	4.5
2	---	---	---	5.4	4.3	5.1	5.3	2.8	4.6	4.3	3.8	4.1
3	---	---	---	5.5	3.9	5.1	5.3	3.8	4.6	4.2	3.7	4.0
4	---	---	---	5.5	3.9	5.0	5.2	2.6	3.9	4.5	3.8	4.2
5	5.2	4.0	4.8	5.8	4.3	5.2	4.0	2.2	3.3	4.7	3.8	4.3
6	5.0	2.8	4.3	6.1	4.4	5.5	4.7	2.6	3.8	5.3	4.3	4.8
7	4.6	2.8	3.8	6.2	4.6	5.6	4.7	2.3	3.9	5.8	5.1	5.3
8	5.1	2.8	4.0	---	---	---	6.3	3.0	4.9	6.3	5.2	5.9
9	4.8	2.8	3.9	---	---	---	6.4	4.4	5.8	6.4	5.8	6.2
10	5.2	2.4	4.1	---	---	---	6.2	4.6	5.6	6.2	5.3	5.9
11	4.7	2.8	4.0	---	---	---	6.2	4.1	5.4	6.0	4.7	5.7
12	5.0	2.7	4.1	---	---	---	6.2	4.5	5.5	6.0	4.8	5.5
13	5.1	3.1	4.1	5.6	3.0	4.8	5.9	4.5	5.6	5.7	4.6	5.3
14	5.2	2.4	4.1	5.4	3.0	4.4	6.0	4.8	5.5	5.5	4.5	5.2
15	5.3	2.9	4.5	5.5	3.1	4.4	5.8	3.9	5.3	5.6	4.7	5.3
16	5.6	3.4	5.1	5.4	3.1	4.3	5.8	4.0	5.2	5.9	4.8	5.4
17	5.7	3.0	4.6	6.1	3.2	4.9	5.8	4.0	5.2	6.1	5.0	5.8
18	5.1	3.2	4.3	6.0	2.6	4.5	6.0	4.3	5.4	6.4	5.6	6.1
19	5.8	3.5	4.6	4.8	2.7	3.8	6.1	4.4	5.6	6.7	5.6	6.3
20	5.7	3.1	4.5	6.1	2.8	4.7	6.2	4.7	5.8	7.0	4.2	6.1
21	4.9	2.9	4.0	5.8	2.7	3.9	6.3	4.8	5.8	6.4	4.1	5.6
22	5.1	2.9	4.0	4.5	2.6	3.6	6.0	4.9	5.7	6.5	4.4	5.7
23	6.4	3.2	5.1	4.7	2.5	3.7	6.1	4.4	5.4	6.6	4.5	5.8
24	5.9	3.4	4.8	4.8	2.5	3.8	6.0	4.3	5.3	6.6	4.2	5.7
25	5.6	2.6	4.4	4.4	2.7	3.7	6.0	4.2	5.3	6.5	4.4	5.6
26	5.7	3.1	4.6	3.8	2.1	3.2	5.8	4.3	5.3	6.5	4.2	5.5
27	6.3	3.1	5.1	3.7	1.9	3.1	5.9	4.3	5.3	6.4	4.5	5.7
28	6.2	4.3	5.4	3.8	2.2	3.2	5.7	3.9	5.2	6.8	5.0	6.0
29	5.6	4.2	5.2	4.4	2.7	3.5	6.6	4.9	6.0	6.8	5.0	6.1
30	5.6	4.3	5.1	4.0	2.3	3.4	6.4	5.5	6.0	6.5	4.5	5.9
31	---	---	---	5.3	2.3	4.0	6.0	4.7	5.4	---	---	---
MONTH	---	---	---	---	---	---	6.6	2.2	5.1	7.0	3.7	5.5

021720677 COOPER RIVER AT FILBIN CREEK NEAR NORTH CHARLESTON, SC

LOCATION.--Lat 32°53'25'', long 79°57'47'', Charleston County, Hydrologic Unit 03050201, on Interstate 526 bridge pier, 3.5 mi from North Charleston, and at river mile 9.5.

DRAINAGE AREA.--Indeterminate.

GAGE-HEIGHT RECORDS

PERIOD OF RECORD.--April 1997 to current year.

GAGE.--Data collection platform. Elevation of gage is 10 ft below NGVD of 1929 (from topographic map).

REMARKS.--Gage height affected by tide.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 15.29 ft, Mar. 20, 2000; minimum gage height, 4.99 ft, Dec. 31, 1997.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 14.68 ft, Sep. 27; minimum gage height, 5.22 ft, Mar. 8.

Gage height, feet
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	14.23	8.16	11.27	13.81	8.50	11.15	12.04	6.90	9.52	---	---	---
2	14.10	8.38	11.26	13.77	8.53	11.28	12.08	7.12	9.82	---	---	---
3	14.09	8.66	11.41	13.87	8.43	11.55	12.37	7.55	10.27	---	---	---
4	13.60	7.96	11.07	13.45	8.03	11.16	13.05	7.54	10.86	---	---	---
5	13.31	7.64	10.61	13.26	7.74	10.92	13.02	7.23	10.47	---	---	---
6	13.38	7.65	10.67	13.33	7.70	10.76	12.45	7.23	10.19	---	---	---
7	13.44	7.69	10.77	13.09	7.52	10.72	13.16	7.40	10.62	12.67	6.79	10.04
8	13.42	7.55	10.69	13.76	7.93	11.26	13.32	7.59	10.71	12.98	7.01	10.19
9	13.42	7.38	10.82	13.74	8.49	11.28	13.40	7.79	10.78	13.26	7.03	10.30
10	13.49	7.75	10.87	13.80	8.38	11.14	13.75	7.99	10.86	13.39	7.56	10.43
11	13.60	7.72	10.97	13.49	8.00	10.73	12.32	6.20	9.78	13.24	7.50	10.35
12	13.64	8.17	11.06	12.92	7.81	10.30	13.11	7.47	10.29	12.41	6.72	9.65
13	13.47	8.30	10.98	12.09	7.23	9.66	13.41	8.27	10.90	12.33	6.81	9.53
14	13.65	8.57	11.13	12.71	8.09	10.13	13.73	8.19	10.85	12.60	7.10	9.98
15	12.72	7.58	10.38	12.67	7.98	10.19	12.71	7.50	10.10	12.29	6.95	9.61
16	13.19	8.76	10.80	12.43	7.94	10.03	12.78	7.79	10.33	12.75	7.21	10.22
17	12.83	8.47	10.70	12.09	7.68	9.87	12.62	6.61	9.79	13.05	7.17	10.33
18	12.90	8.62	10.66	12.63	7.78	10.26	12.28	6.22	9.79	13.64	6.06	10.14
19	12.97	8.62	10.77	12.76	6.72	10.32	12.23	6.16	9.43	13.05	6.36	10.04
20	12.81	8.07	10.48	13.01	7.24	10.32	12.74	6.12	9.70	13.86	6.51	10.47
21	12.96	7.40	10.45	13.75	6.97	10.85	13.57	6.22	10.18	13.96	6.31	10.43
22	13.29	7.11	10.32	13.97	6.95	10.75	13.71	6.05	10.17	13.69	6.32	10.05
23	13.87	7.54	11.03	14.15	6.58	10.64	13.98	5.90	10.27	12.81	5.66	9.65
24	13.92	7.38	11.06	14.46	6.46	10.59	---	---	---	12.88	6.05	9.64
25	14.19	6.94	10.83	14.35	6.07	10.53	13.55	6.02	9.79	13.60	6.91	10.53
26	14.12	6.54	10.58	14.55	7.19	10.86	13.37	6.35	9.88	13.29	7.39	10.55
27	14.33	6.81	10.64	14.29	7.40	10.81	13.31	6.89	10.02	12.78	7.27	10.32
28	14.36	7.07	10.80	13.89	6.82	10.19	13.05	7.27	10.11	12.09	7.18	9.35
29	14.19	6.44	10.77	12.32	5.82	9.10	---	---	---	11.84	7.35	9.56
30	13.98	7.55	10.91	12.55	7.22	9.84	---	---	---	11.70	7.34	9.42
31	13.98	8.41	11.12	---	---	---	---	---	---	11.53	7.87	9.92
MONTH	14.36	6.44	10.83	14.55	5.82	10.57	---	---	---	---	---	---

COOPER RIVER BASIN

021720677 COOPER RIVER AT FILBIN CREEK NEAR NORTH CHARLESTON, SC--Continued

Gage height, feet
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	12.64	8.29	10.41	12.02	7.39	9.69	12.31	6.96	10.02	12.65	6.85	10.14
2	12.94	8.40	10.75	11.83	6.59	9.34	12.31	7.05	9.98	13.11	6.56	10.11
3	12.75	6.41	10.04	11.83	6.62	9.25	12.87	7.05	10.30	13.17	5.86	9.90
4	12.34	6.36	9.73	12.25	6.65	9.56	13.23	6.67	10.16	14.05	5.80	10.27
5	13.14	6.97	10.38	12.45	6.58	9.68	13.42	6.59	10.34	14.01	6.25	10.26
6	13.27	7.24	10.34	12.59	6.18	9.44	13.86	6.42	10.34	14.04	6.16	10.07
7	12.24	6.25	9.22	12.63	5.54	9.46	13.52	6.14	10.00	13.95	6.64	10.17
8	12.42	5.61	9.36	12.91	5.22	9.34	---	---	---	13.78	6.78	10.23
9	12.98	6.49	9.83	13.65	6.48	10.26	---	---	---	13.78	7.32	10.41
10	12.51	6.33	9.60	13.29	6.89	10.28	13.66	7.28	10.40	13.55	7.40	10.45
11	12.51	6.58	9.45	13.21	6.82	10.17	13.36	7.20	10.14	13.30	7.48	10.40
12	12.62	7.37	10.14	13.16	6.93	9.86	12.99	7.41	10.30	13.01	7.34	10.33
13	12.89	7.35	10.02	12.88	7.12	10.09	12.97	6.67	9.94	12.79	7.19	10.22
14	12.76	7.02	10.09	13.19	7.43	10.19	11.83	6.22	8.97	12.71	6.80	10.15
15	13.39	7.38	10.49	12.84	7.05	9.93	12.51	6.66	9.84	12.86	6.83	10.17
16	13.45	7.29	10.48	12.94	7.01	10.11	12.90	6.83	10.18	12.97	6.75	10.11
17	13.78	6.64	10.68	13.01	6.98	10.32	12.69	6.48	9.94	13.00	6.83	10.02
18	13.48	6.59	10.27	13.39	7.03	10.56	12.62	6.20	9.64	12.97	6.77	9.97
19	13.45	6.30	10.16	13.16	6.45	10.32	12.53	6.06	9.44	12.92	6.90	9.93
20	13.41	6.19	10.01	13.81	7.30	10.88	12.52	5.99	9.29	12.53	6.71	9.63
21	12.81	5.92	9.62	12.93	6.47	10.08	12.69	6.59	9.61	12.55	6.84	9.53
22	13.20	6.26	10.02	13.17	6.33	10.30	12.43	6.76	9.57	12.51	7.20	9.64
23	13.09	6.90	10.14	13.01	7.18	10.31	12.04	7.04	9.41	12.37	7.40	9.69
24	13.08	7.33	10.43	12.80	7.03	10.00	12.05	7.04	9.36	12.19	7.36	9.64
25	13.47	8.41	10.90	12.42	7.08	9.74	12.22	7.64	9.72	12.13	7.34	9.50
26	13.71	8.96	11.27	12.19	7.16	9.53	12.26	7.94	9.82	---	---	---
27	12.84	7.93	10.54	12.11	7.74	9.64	11.99	7.87	9.81	---	---	---
28	12.68	8.58	10.66	12.25	7.82	9.90	11.93	8.18	10.13	---	---	---
29	12.35	8.07	10.07	12.66	9.08	10.76	12.16	7.56	10.03	---	---	---
30	---	---	---	12.92	8.93	10.95	12.40	7.46	10.05	---	---	---
31	---	---	---	12.98	7.73	10.66	---	---	---	---	---	---
MONTH	13.78	5.61	10.18	13.81	5.22	10.02	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	---	---	---	14.11	6.05	10.28	---	---	---	13.07	6.33	10.11
2	---	---	---	14.04	6.07	10.17	---	---	---	13.39	7.02	10.58
3	---	---	---	14.16	6.36	10.25	---	---	---	13.51	7.74	10.75
4	---	---	---	14.10	6.58	10.31	13.51	7.08	10.68	13.34	7.92	10.75
5	---	---	---	13.69	6.85	10.30	13.32	7.50	10.65	13.33	8.55	11.07
6	---	---	---	13.66	6.97	10.36	13.21	7.51	10.73	13.52	8.98	11.33
7	---	---	---	13.51	7.26	10.60	13.49	8.27	11.05	13.17	8.90	11.30
8	---	---	---	13.16	7.17	10.50	12.91	8.09	10.65	12.80	8.74	10.90
9	---	---	---	12.96	7.58	10.48	12.79	7.98	10.46	12.39	7.96	10.13
10	---	---	---	13.02	7.54	10.48	12.63	7.99	10.37	12.52	7.60	10.04
11	12.83	7.07	10.20	13.01	7.69	10.50	12.54	7.80	10.20	13.22	7.99	10.64
12	13.33	7.06	10.48	12.90	7.79	10.45	12.50	7.52	10.12	13.70	7.84	10.98
13	13.78	8.20	11.15	12.76	7.53	10.18	12.30	6.92	9.68	13.89	7.92	11.03
14	13.31	7.58	10.71	12.75	7.46	10.03	12.79	6.45	10.06	13.76	7.89	11.11
15	13.06	7.48	10.48	12.74	7.38	10.11	12.95	7.03	9.99	13.49	7.32	10.79
16	12.86	7.04	10.07	13.28	7.37	10.42	13.10	7.01	10.06	13.52	7.40	10.74
17	12.89	7.18	10.00	13.20	7.42	10.37	13.24	7.12	10.24	13.73	7.57	10.66
18	12.77	7.06	9.86	12.80	7.11	10.01	13.09	7.32	10.39	13.05	6.77	10.01
19	13.23	7.30	10.12	13.04	7.22	10.24	12.86	7.14	10.17	13.47	7.22	10.52
20	13.66	7.97	10.74	12.99	7.36	10.17	12.69	7.11	10.03	14.25	8.54	11.37
21	13.52	8.57	10.89	12.83	7.39	10.21	12.52	6.90	9.76	14.43	8.57	11.54
22	---	---	---	---	---	---	12.72	6.88	9.83	13.82	8.07	11.07
23	---	---	---	---	---	---	13.25	7.47	10.41	13.53	7.72	10.73
24	---	---	---	---	---	---	13.55	7.58	10.64	14.00	7.97	11.11
25	---	---	---	---	---	---	13.63	7.50	10.68	14.22	8.16	11.38
26	---	---	---	---	---	---	13.60	7.16	10.52	14.47	8.00	11.46
27	---	---	---	---	---	---	14.02	6.88	10.62	14.68	8.02	11.66
28	---	---	---	---	---	---	14.40	7.12	10.95	13.27	6.56	10.40
29	---	---	---	---	---	---	13.50	6.07	10.22	13.23	6.25	10.26
30	---	---	---	---	---	---	13.34	6.19	10.06	13.66	6.90	10.66
31	---	---	---	---	---	---	13.18	6.17	10.06	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	14.68	6.25	10.84

021720677 COOPER RIVER AT FILBIN CREEK NEAR NORTH CHARLESTON, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water year 1997 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE (TOP): April 2004 to September 2004.

SPECIFIC CONDUCTANCE (MIDDLE): April 1997 to current year.

SPECIFIC CONDUCTANCE (BOTTOM): April 2004 to September 2004.

WATER TEMPERATURE (TOP): April 2004 to September 2004.

WATER TEMPERATURE (MIDDLE): April 1997 to current year.

WATER TEMPERATURE (BOTTOM): April 2004 to September 2004.

DISSOLVED OXYGEN (TOP): April 2004 to September 2004.

DISSOLVED OXYGEN (MIDDLE): April 1997 to current year.

INSTRUMENTATION.--Water-quality multiprobe and data collection platform.

REMARKS.--Specific conductance (Top) records rated excellent except for May 23, 24, Aug. 11, Sep. 25-29, which are good. Specific conductance (Middle) records rated excellent except for Oct. 14-17, Apr. 19 to May 5, May 29 to June 3, June 18-22, 30, July 16-21, which are good and Apr. 8, 9, May 6, which are fair. Specific conductance (Bottom) records rated excellent except for June 19, 22, Aug. 2, 3, Sep. 12, 13, 18-26, which are good, and Sep. 27-29, which are fair. Temperature (Top) records rated excellent. Temperature (Middle) records rated excellent. Temperature (Bottom) records rated excellent. Dissolved oxygen (Top) records rated excellent except for July 10, 11, Aug. 8, 9, which are good, June 15-17, 30, July 12, 13, Aug. 10, 11, which are fair, and June 18-22, July 19-21, which are poor. Dissolved oxygen (Middle) records rated excellent except for Oct. 10-14, Nov. 11-14, Feb. 25 to Mar. 7, Mar. 21-25, Apr. 11, May 22-24, June 19-22, July 29 to Aug. 3, Aug. 8-11, which are good, Oct. 15-17, Mar. 8-11, Mar. 26 to Apr. 7, Apr. 12, 13, which are fair, and Oct. 1-3, Apr. 8, 14-24, which are poor. Prior to October 3, 2003 dissolved oxygen concentrations are not corrected for salinity.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 40,800 microsiemens, Dec. 26, 2001; minimum, 1,190 microsiemens, Feb. 19, 1998.

WATER TEMPERATURE: Maximum, 32.0°C on several days during Jul. and Aug. 1999, July 21, 2000; minimum, 5.0°C, Jan. 3, 4, 2001.

DISSOLVED OXYGEN: Maximum, 12.2 mg/L, Jan. 29, 31, 2000; minimum, 2.6 mg/L, Aug. 11, 2004.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE (TOP): Maximum, 36,600 microsiemens, June 30; minimum, 5,580 microsiemens, Aug. 30.

SPECIFIC CONDUCTANCE (MIDDLE): Maximum, 38,900 microsiemens, Aug. 11; minimum, 7,330 microsiemens, Aug. 31.

SPECIFIC CONDUCTANCE (BOTTOM): Maximum, 40,600 microsiemens, Aug. 11; minimum, 7,690 microsiemens, Sep. 2.

WATER TEMPERATURE (TOP): Maximum, 31.3°C, Aug. 5; minimum, 16.7°C, Apr. 9.

WATER TEMPERATURE (MIDDLE): Maximum, 30.8°C, July 14; minimum, 7.6°C, Feb. 2.

WATER TEMPERATURE (BOTTOM): Maximum, 30.7°C, July 14; minimum, 16.8°C, Apr. 9.

DISSOLVED OXYGEN (TOP): Maximum, 8.9 mg/L, July 16; minimum, 3.1 mg/L, July 30.

DISSOLVED OXYGEN (MIDDLE): Maximum, 10.1 mg/L, Jan. 29, 31, Feb. 8; minimum, 2.6 mg/L, Aug. 11.

COOPER RIVER BASIN

021720677 COOPER RIVER AT FILBIN CREEK NEAR NORTH CHARLESTON, SC--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	---	---	---	---	---	---	31000	22700	27000
2	---	---	---	---	---	---	---	---	---	31900	24000	27300
3	---	---	---	---	---	---	---	---	---	30400	18900	24800
4	---	---	---	---	---	---	---	---	---	33600	18800	24500
5	---	---	---	---	---	---	---	---	---	33000	18900	24600
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	31300	17900	23100
8	---	---	---	---	---	---	---	---	---	31300	15400	21600
9	---	---	---	---	---	---	---	---	---	29800	16800	21600
10	---	---	---	---	---	---	32200	19600	24300	29200	17900	22200
11	---	---	---	---	---	---	32100	19600	24000	28300	19200	22500
12	---	---	---	---	---	---	30700	18800	23300	28800	18800	22700
13	---	---	---	---	---	---	26600	15500	21100	26900	17800	21800
14	---	---	---	---	---	---	23400	11400	16000	28100	17800	21400
15	---	---	---	---	---	---	27500	12400	20500	27900	15700	20200
16	---	---	---	---	---	---	30400	19400	24900	28700	16600	21400
17	---	---	---	---	---	---	29500	21200	25200	29900	17200	22000
18	---	---	---	---	---	---	28700	18700	23200	30000	19100	23000
19	---	---	---	---	---	---	28900	17300	22400	30600	19800	23600
20	---	---	---	---	---	---	29800	16800	21500	27000	17600	22700
21	---	---	---	---	---	---	31300	17400	21500	25500	15900	20100
22	---	---	---	---	---	---	27100	16700	21000	28800	16300	20300
23	---	---	---	---	---	---	25500	16100	20100	30700	17900	21800
24	---	---	---	---	---	---	25000	13800	18400	30700	19800	22700
25	---	---	---	---	---	---	27600	13900	19000	29500	19500	23300
26	---	---	---	---	---	---	30200	18400	22000	31800	18500	23600
27	---	---	---	---	---	---	30200	20000	23200	32100	19800	24400
28	---	---	---	---	---	---	32200	20700	23500	33400	21200	25900
29	---	---	---	---	---	---	31500	22600	25900	32500	20000	25900
30	---	---	---	---	---	---	34200	23800	27300	35400	24400	29500
31	---	---	---	---	---	---	---	---	---	31500	27200	29500
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	29800	23200	26500	35000	20100	25800	36400	22400	27100	15800	6750	10600
2	29800	23600	25700	31600	18900	24200	34700	21100	27000	18600	6650	11500
3	---	---	---	33000	17600	23600	32200	21300	26100	18300	9840	13600
4	---	---	---	31300	17800	23500	32300	21800	25900	18900	10700	14600
5	---	---	---	28100	17200	22900	31400	20600	24700	20200	14000	17200
6	---	---	---	28100	15500	20500	29400	19800	23100	22800	17000	19400
7	---	---	---	26200	17000	21400	30700	21200	25100	25200	18200	21400
8	---	---	---	29400	18100	23500	31000	24000	26700	23700	14900	20800
9	---	---	---	27600	18400	22500	30000	20100	24600	16400	7300	11500
10	---	---	---	29000	17400	22500	28200	19900	23200	19500	8950	12800
11	32000	15400	23400	30000	19400	23500	32700	21200	25500	27600	14200	18200
12	32800	18200	23300	31700	20200	24400	33500	23400	27100	28800	18600	23400
13	34000	19300	26500	31300	20400	25100	31000	19600	24300	---	---	---
14	32300	23400	27200	31000	20000	24100	30300	21200	24400	---	---	---
15	31500	19800	25000	32100	20000	24500	30800	20200	25400	29000	19700	24600
16	29400	16600	22700	34300	21500	25600	30100	19800	25200	28900	18800	23400
17	32200	15800	21900	32400	23700	27500	30400	21700	25000	29700	18800	22900
18	33100	15800	22100	30500	20500	25900	26600	19800	23300	21900	11600	16200
19	33200	17400	23300	30200	20700	24600	24700	17600	21100	23800	14500	18500
20	34600	18000	24600	29500	20600	24600	23800	16100	20200	29500	19600	22800
21	35000	22900	27400	29400	20500	24200	24400	15800	19600	31500	23500	26200
22	---	---	---	---	---	---	26300	14100	19300	31700	22300	26200
23	---	---	---	---	---	---	28200	15800	21900	27800	16400	21600
24	---	---	---	---	---	---	30800	20600	24500	29500	18400	22700
25	---	---	---	---	---	---	33800	21800	26100	31100	21100	24500
26	---	---	---	---	---	---	32200	20700	25900	31000	21700	25500
27	---	---	---	33100	19600	26200	33700	21200	26300	31000	21600	26200
28	---	---	---	35500	20900	27000	34700	22100	27000	27100	12500	20000
29	---	---	---	35500	20600	26700	29600	14300	21400	22500	10800	15200
30	36600	---	---	36100	23200	27300	17300	5580	12000	21900	12700	16800
31	---	---	---	36500	23200	27900	16800	7430	10700	---	---	---
MONTH	---	---	---	---	---	---	36400	5580	23500	---	---	---

COOPER RIVER BASIN

021720677 COOPER RIVER AT FILBIN CREEK NEAR NORTH CHARLESTON, SC--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	33300	17200	22800	31200	15000	21500	28600	16400	21300	---	---	---
2	34600	18100	23200	33400	18400	23200	29800	17400	21600	---	---	---
3	33300	20400	24500	32800	20500	25400	32800	21800	26000	---	---	---
4	31900	21000	24900	31600	20400	25400	33500	24500	27400	---	---	---
5	31800	16400	23100	31100	19900	24100	35700	25500	29200	---	---	---
6	30900	18500	23300	30800	19300	23100	32600	21500	26900	---	---	---
7	33200	18600	23600	29700	17200	21900	35900	22000	27200	33100	22500	26900
8	30900	20000	24000	33000	14900	23100	36000	23000	27500	33800	20400	25900
9	30000	18700	23700	30400	21600	24600	32600	20000	26200	35000	21800	27200
10	32600	19800	24400	33200	21400	25000	36400	21600	27400	33600	22600	26800
11	31600	18800	24400	33900	17700	24200	29300	19700	24200	33200	20400	25700
12	32400	19000	24100	31800	18200	23100	31400	15100	22100	30700	20000	23800
13	32700	18100	24600	31700	15400	21300	35000	20100	24900	34600	17000	22900
14	33500	19200	25100	32900	15500	21400	35800	23400	27300	30800	20300	25600
15	28800	17200	22100	32600	18200	23200	30800	19200	24600	30400	19300	24700
16	31900	15500	21200	32800	19700	24200	29900	16500	23400	32200	19800	25200
17	32700	18500	23000	34500	20200	24800	33000	18900	25200	33800	22300	26600
18	31700	17400	21800	35200	21800	27700	33100	19900	25000	35400	24200	29400
19	32600	20300	25100	34400	26200	29800	32500	19100	25800	34600	23300	27900
20	36300	24000	28000	33300	23400	27700	31600	19100	24600	36300	23300	28800
21	34900	25000	28600	34400	23900	28100	33300	20600	26000	37500	22500	28300
22	34600	22700	27800	35700	23200	28400	34500	21200	26400	35200	22200	26700
23	34700	23100	28900	36100	23100	27700	35600	19600	26300	29700	16500	22600
24	34500	23600	28500	35800	20300	26900	34900	20700	26100	30000	17200	21300
25	35200	22400	27200	36000	19400	25400	31800	18300	23500	30400	16000	22400
26	34500	20400	25700	35600	19400	25000	33000	17400	22800	29300	19200	23300
27	34900	19500	25300	35700	18500	24200	31300	14800	22100	29600	17700	22000
28	33800	17600	24000	32500	18200	23100	29600	15100	20500	26200	12100	18100
29	31500	18400	23100	26500	8730	16500	---	---	---	24700	12800	17500
30	31000	14900	20500	31200	14000	20400	---	---	---	28500	15500	19900
31	33000	12400	19200	---	---	---	---	---	---	31000	17900	22600
MONTH	36300	12400	24400	36100	8730	24300	---	---	---	---	---	---

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	34200	22200	27600	27200	13900	20100	33500	21000	27600	28800	20700	25000
2	32900	27000	29700	27900	16600	21100	32200	19800	25400	29100	22000	25000
3	34400	25900	30800	28600	19700	23100	33400	20700	25900	27900	17400	22700
4	33400	21600	27000	32400	22600	26200	32400	22100	26700	30400	17600	22200
5	35900	19200	26900	33200	24500	27600	32800	22700	27100	29500	17100	22300
6	34200	24600	29100	32600	18800	25600	32200	20900	25800	32800	18200	22600
7	30800	18600	24800	30000	18100	23500	29700	18600	23700	32600	18400	23500
8	30600	13100	20000	32600	17400	23600	---	---	---	32600	15800	22100
9	30000	18300	23300	34200	18300	24700	---	---	---	30300	17400	22200
10	31200	19800	23900	30700	19700	24300	33400	20100	24700	32800	18600	22900
11	27900	17300	22300	30700	17800	23300	32300	19700	24200	28900	19800	23100
12	28300	18100	21800	32400	15100	22000	30600	18600	23300	29800	19100	23400
13	28600	16800	21900	28600	16400	22000	27100	15300	21200	28400	18200	22200
14	28400	17800	22200	31200	17900	23200	23400	11400	16200	28500	18100	21800
15	30700	18000	23000	30800	18100	23800	28800	12100	20600	28800	15400	20600
16	31700	18000	22700	32500	21000	24600	30300	19400	24600	29100	16300	21500
17	33400	18000	22400	31400	21200	25000	28900	20900	24600	29200	17500	22200
18	31000	15600	22000	32700	21500	26500	27600	18100	22700	29900	18900	23000
19	30700	15200	21100	30400	20000	24900	27800	16900	21800	32600	19500	23500
20	29500	14900	20500	31700	19200	24900	29600	16400	21000	28300	17600	22900
21	26000	13400	18000	28600	18200	23200	29700	17100	20900	27400	15800	20700
22	27500	11300	18800	28400	17200	21800	28700	16300	20300	30400	16500	20700
23	27000	15800	20400	29700	17000	21400	26100	15500	19600	30500	17700	22000
24	29400	16800	21400	27400	15500	20300	26700	13100	17900	30500	19300	23200
25	31600	18000	22600	26800	13200	19200	30200	13900	19300	30200	19600	23900
26	29100	20700	24200	28800	14600	19100	28700	17400	21200	32100	18800	24400
27	27300	15600	20300	29400	17300	21600	28700	18800	22200	35500	20500	25700
28	29800	16000	20200	32000	19100	23000	30000	19300	22500	34400	22000	27600
29	29000	14200	19700	33900	22300	26200	30900	20900	24700	34400	20700	27400
30	---	---	---	34600	25500	28900	31700	22100	25300	37000	25800	31400
31	---	---	---	35700	25100	29700	---	---	---	34800	28700	31700
MONTH	35900	11300	23100	35700	13200	23700	---	---	---	37000	15400	23700

COOPER RIVER BASIN

021720677 COOPER RIVER AT FILBIN CREEK NEAR NORTH CHARLESTON, SC--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	34500	24800	29100	35500	20900	28100	37200	23700	28800	19900	8610	12400
2	34800	25400	28800	35800	21400	26400	36700	23200	28400	24300	8720	13700
3	---	---	---	35200	18900	25600	37300	23600	28600	26000	11400	16100
4	---	---	---	34900	20800	25800	35400	23000	27900	26500	11500	17200
5	---	---	---	34500	20600	24900	34800	22700	26700	27800	14400	19500
6	---	---	---	34300	17700	23300	35000	19600	25700	26900	17800	20700
7	---	---	---	32600	21100	25100	37000	21900	27900	27000	19000	22100
8	---	---	---	33900	21300	26000	35600	24400	28700	26400	17700	21300
9	---	---	---	31700	20600	25000	35700	23300	27700	22100	8070	15300
10	---	---	---	33400	20500	25500	35700	22200	27100	28400	10600	16100
11	32500	18900	24700	36200	18600	26600	38900	21900	27800	30400	16500	21200
12	34600	18300	24100	36000	21200	27100	38600	24500	29000	30600	20500	25200
13	33200	21000	27200	35900	22500	27300	34300	21600	27100	---	---	---
14	32200	23100	27500	35600	20800	26500	34800	23600	26500	---	---	---
15	32600	19600	25400	34700	19700	26700	33600	22600	26900	30400	22400	26200
16	30200	15600	22900	38200	22600	27900	33800	23200	27000	29600	19500	24300
17	31100	15500	22000	34700	22900	28600	32800	21900	26200	29200	18800	23300
18	30600	16100	22400	34900	20900	27300	30400	20700	25100	26700	14000	18100
19	32800	18200	23400	32700	21400	26200	30200	18800	22800	27500	14400	19800
20	33000	20200	24600	31900	22000	25900	27700	17400	21900	32600	19000	23600
21	34900	24200	27100	34400	20500	26100	29200	16400	21100	32600	23600	26700
22	---	---	---	---	---	---	30400	15400	21300	31800	23900	26800
23	---	---	---	---	---	---	34900	17500	24000	29400	17800	23800
24	---	---	---	---	---	---	33400	21300	26500	30100	18600	23500
25	---	---	---	---	---	---	34100	23000	27400	30500	20700	24500
26	---	---	---	---	---	---	35000	20700	27300	31100	21900	25100
27	---	---	---	37900	22800	28000	35200	22600	27700	30300	21400	25700
28	---	---	---	35900	20800	28700	35200	22500	28100	26200	14200	20200
29	---	---	---	36200	20700	28100	29600	15700	22500	22900	12000	16800
30	---	---	---	36800	23500	28600	21800	8050	14000	26300	15000	18400
31	---	---	---	37500	24100	29200	21100	7330	12500	---	---	---
MONTH	---	---	---	---	---	---	38900	7330	25500	---	---	---

021720677 COOPER RIVER AT FILBIN CREEK NEAR NORTH CHARLESTON, SC--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	---	---	---	---	---	---	34400	23800	27800
2	---	---	---	---	---	---	---	---	---	33600	24300	27500
3	---	---	---	---	---	---	---	---	---	31800	19100	25000
4	---	---	---	---	---	---	---	---	---	34400	18800	24600
5	---	---	---	---	---	---	---	---	---	33200	19300	24600
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	35500	19400	25100
8	---	---	---	---	---	---	---	---	---	35200	17900	23900
9	---	---	---	---	---	---	---	---	---	34900	19000	23900
10	---	---	---	---	---	---	36400	20700	25800	34900	20100	24600
11	---	---	---	---	---	---	34700	20700	25200	33000	21100	25200
12	---	---	---	---	---	---	33100	18900	24700	31400	20700	25300
13	---	---	---	---	---	---	32800	16800	23200	31900	18900	24000
14	---	---	---	---	---	---	31700	12200	19200	31200	18900	23600
15	---	---	---	---	---	---	32700	14400	23000	30600	16300	22900
16	---	---	---	---	---	---	33100	21600	26300	32800	17500	23600
17	---	---	---	---	---	---	32500	22600	26000	33100	18400	24000
18	---	---	---	---	---	---	31800	19100	24300	33800	20000	25000
19	---	---	---	---	---	---	32100	18900	23600	34600	20900	25700
20	---	---	---	---	---	---	32200	18300	23200	32000	20200	25100
21	---	---	---	---	---	---	31900	18400	23100	32200	18000	23400
22	---	---	---	---	---	---	31100	17700	22800	33600	18000	23300
23	---	---	---	---	---	---	31700	18000	22900	33600	18900	24700
24	---	---	---	---	---	---	32200	15900	21900	34700	20000	25500
25	---	---	---	---	---	---	35400	16800	24300	34700	21200	26100
26	---	---	---	---	---	---	35900	20200	26500	36400	20000	26600
27	---	---	---	---	---	---	37100	21200	28300	38200	20800	28000
28	---	---	---	---	---	---	38300	20700	29800	38100	21600	29100
29	---	---	---	---	---	---	38300	23800	30100	36100	22400	28300
30	---	---	---	---	---	---	35500	23200	28600	38100	27400	31000
31	---	---	---	---	---	---	---	---	---	36800	26800	31600
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	37400	23000	29400	36600	21800	28000	36600	22800	28100	20400	8660	12700
2	37800	23200	29400	36700	20700	26400	37700	22500	27800	25000	7690	14000
3	---	---	---	37000	20000	25800	38000	23300	28700	25100	11200	16600
4	---	---	---	36500	20500	25800	37100	23100	28400	28300	11100	18100
5	---	---	---	35200	20000	25200	36400	23000	27700	30600	13400	20400
6	---	---	---	35200	17300	23600	35800	19900	27000	29300	17000	21700
7	---	---	---	34000	20400	25800	37600	22000	29400	26700	18800	21700
8	---	---	---	35200	20700	26800	36900	24900	30000	26300	16900	20600
9	---	---	---	33500	21600	26100	37700	23400	29000	25800	10200	16500
10	---	---	---	34800	19000	26500	40200	22400	29600	29500	9270	18000
11	33400	18600	25600	37100	22400	28100	40600	24100	31200	30100	15700	22300
12	34200	17800	25500	36500	23900	28700	39100	25700	31000	32700	18600	24900
13	37300	22800	28800	36700	24200	28800	36000	21800	28300	32700	23700	26500
14	35500	24300	29300	37200	22700	28300	35400	22800	28000	32700	23400	27500
15	35100	20900	27400	38400	23100	28600	35000	23700	27700	32000	22900	26600
16	32300	19600	25100	38900	24400	29800	35400	24300	27800	31200	20500	25000
17	33700	16600	24600	38900	25700	30200	35000	22600	27100	30000	20100	24100
18	34400	19600	25300	36400	23300	29100	32200	21200	26300	27900	15000	19500
19	35900	20500	26500	36800	24400	28800	30400	19900	24000	30700	15200	21100
20	37500	22500	28400	36100	24200	28300	30000	18400	23100	35400	19900	25200
21	39200	27300	30900	34700	22600	28000	30900	18000	22700	36200	24600	28500
22	---	---	---	---	---	---	33400	15100	22800	35400	24900	28800
23	---	---	---	---	---	---	35200	18400	25700	32100	18500	25800
24	---	---	---	---	---	---	36600	20400	27500	33800	19300	25500
25	---	---	---	---	---	---	34400	23500	28200	34200	22200	26700
26	---	---	---	---	---	---	36100	21700	28000	34100	23000	27200
27	---	---	---	38000	23300	29100	34800	22800	28000	33100	23000	27600
28	---	---	---	35600	22100	28800	35200	22600	28100	27900	16200	22000
29	---	---	---	36300	21400	28100	29200	15900	22200	27600	13000	18200
30	---	---	---	36400	22900	28300	22900	9740	14500	29100	14800	19600
31	---	---	---	37000	23400	28700	21700	8660	12800	---	---	---
MONTH	---	---	---	---	---	---	40600	8660	26500	36200	7690	22400

COOPER RIVER BASIN

021720677 COOPER RIVER AT FILBIN CREEK NEAR NORTH CHARLESTON, SC--Continued

Temperature, water, degrees Celsius WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	---	---	---	---	---	---	21.7	21.4	21.6
2	---	---	---	---	---	---	---	---	---	22.1	21.4	21.7
3	---	---	---	---	---	---	---	---	---	22.0	21.4	21.8
4	---	---	---	---	---	---	---	---	---	21.8	20.8	21.4
5	---	---	---	---	---	---	---	---	---	21.9	21.1	21.5
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	23.2	21.8	22.2
8	---	---	---	---	---	---	---	---	---	23.4	22.2	22.7
9	---	---	---	---	---	---	---	16.7	---	23.9	22.7	23.1
10	---	---	---	---	---	---	18.3	17.0	17.5	24.0	23.0	23.3
11	---	---	---	---	---	---	19.0	17.5	18.1	24.2	23.3	23.6
12	---	---	---	---	---	---	19.0	18.2	18.5	24.6	23.6	24.0
13	---	---	---	---	---	---	19.1	18.5	18.8	24.9	23.7	24.3
14	---	---	---	---	---	---	18.8	17.7	18.4	25.2	24.0	24.6
15	---	---	---	---	---	---	18.7	17.3	18.3	25.5	24.4	24.9
16	---	---	---	---	---	---	19.2	18.1	18.5	25.8	24.8	25.1
17	---	---	---	---	---	---	19.5	18.3	18.8	25.9	24.8	25.3
18	---	---	---	---	---	---	19.8	18.6	19.1	25.9	25.0	25.4
19	---	---	---	---	---	---	20.1	18.9	19.4	25.9	25.1	25.5
20	---	---	---	---	---	---	20.2	19.1	19.6	26.2	25.3	25.7
21	---	---	---	---	---	---	20.6	19.4	19.9	26.5	25.4	26.0
22	---	---	---	---	---	---	21.1	19.8	20.3	26.9	25.7	26.2
23	---	---	---	---	---	---	21.6	20.3	20.8	26.9	25.9	26.3
24	---	---	---	---	---	---	22.5	20.7	21.3	27.5	25.9	26.4
25	---	---	---	---	---	---	22.6	21.1	21.7	27.7	26.2	26.6
26	---	---	---	---	---	---	22.6	21.4	21.8	27.6	26.4	26.7
27	---	---	---	---	---	---	22.1	21.4	21.7	27.5	26.3	26.8
28	---	---	---	---	---	---	21.8	20.6	21.2	27.5	26.4	26.8
29	---	---	---	---	---	---	22.1	20.5	21.4	27.3	26.6	27.0
30	---	---	---	---	---	---	22.0	21.3	21.7	27.6	26.8	27.1
31	---	---	---	---	---	---	---	---	---	27.5	26.9	27.2
MONTH	---	---	---	---	---	---	---	---	---	---	---	---
Temperature, water, degrees Celsius												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	27.5	26.8	27.2	29.2	28.4	28.9	30.0	29.5	29.8	27.4	26.7	27.0
2	27.8	26.9	27.4	29.1	28.4	28.8	29.9	29.2	29.6	27.3	26.6	26.9
3	---	---	---	29.3	28.3	28.8	30.2	29.1	29.7	27.9	26.4	26.9
4	---	---	---	29.7	28.5	29.0	31.0	29.4	30.0	27.8	26.5	27.0
5	---	---	---	30.3	28.8	29.3	31.3	29.6	30.1	27.2	26.8	27.0
6	---	---	---	30.6	28.8	29.6	30.4	29.4	29.7	27.0	26.5	26.7
7	---	---	---	31.1	29.4	29.9	29.8	28.2	29.0	26.8	26.5	26.7
8	---	---	---	30.9	29.1	29.8	29.5	28.3	28.9	27.2	26.6	26.9
9	---	---	---	30.9	29.2	29.9	29.4	28.3	28.9	28.2	26.5	27.0
10	---	---	---	30.5	29.1	29.9	29.4	27.8	28.7	27.3	26.7	27.0
11	28.7	27.6	28.2	31.0	29.1	30.1	29.0	28.1	28.6	27.0	26.5	26.8
12	28.9	27.8	28.4	30.5	29.4	30.0	28.8	28.0	28.4	26.9	26.2	26.6
13	28.5	27.8	28.1	30.8	29.4	30.1	28.3	27.6	28.0	---	---	---
14	28.2	27.5	27.9	30.9	29.8	30.3	28.4	27.3	27.8	---	---	---
15	28.0	27.4	27.8	30.8	29.5	30.2	27.9	27.4	27.7	26.2	25.7	26.0
16	27.9	27.6	27.8	30.7	29.0	30.1	28.6	27.1	27.7	26.6	25.9	26.2
17	28.2	27.7	27.9	30.6	29.8	30.2	28.4	27.6	27.8	26.6	26.1	26.3
18	28.8	27.7	28.1	30.1	28.9	29.8	29.4	27.2	27.9	26.8	25.7	26.2
19	29.3	28.0	28.3	30.4	29.0	29.7	29.5	27.6	28.2	26.1	25.4	25.7
20	28.9	28.2	28.5	30.7	29.3	29.9	29.0	27.9	28.5	25.4	24.8	25.0
21	28.8	28.1	28.4	31.1	29.3	30.0	29.0	28.1	28.5	25.0	24.2	24.6
22	---	---	---	---	---	---	29.9	28.0	28.6	25.0	24.1	24.6
23	---	---	---	---	---	---	28.7	28.2	28.6	25.5	23.8	24.7
24	---	---	---	---	---	---	29.4	28.1	28.6	24.7	24.1	24.5
25	---	---	---	---	---	---	29.0	28.0	28.6	24.7	23.9	24.3
26	---	---	---	---	---	---	28.6	28.1	28.4	24.4	24.0	24.2
27	---	---	---	30.8	29.1	30.2	28.5	27.8	28.2	24.7	24.2	24.4
28	---	---	---	30.8	29.4	30.2	28.3	27.7	28.1	25.0	24.4	24.7
29	---	---	---	30.5	29.5	30.1	28.0	26.3	27.2	25.5	24.6	25.0
30	---	---	---	30.5	29.5	30.0	27.6	26.2	26.8	25.6	24.9	25.1
31	---	---	---	30.3	29.6	30.0	27.5	26.5	27.0	---	---	---
MONTH	---	---	---	---	---	---	31.3	26.2	28.5	---	---	---

021720677 COOPER RIVER AT FILBIN CREEK NEAR NORTH CHARLESTON, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	Temperature, water, degrees Celsius								
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
			OCTOBER	NOVEMBER			DECEMBER			JANUARY		
1	24.7	23.7	24.3	21.6	20.4	21.0	17.0	15.1	16.2	---	---	---
2	24.4	23.4	23.9	21.5	20.3	21.0	16.4	14.9	15.6	---	---	---
3	23.8	22.8	23.2	21.3	20.7	21.1	15.8	14.7	15.2	---	---	---
4	23.3	22.1	23.0	21.8	21.1	21.3	15.0	14.0	14.4	---	---	---
5	23.5	22.5	23.1	22.1	21.3	21.6	14.5	13.7	14.1	---	---	---
6	23.2	22.7	23.0	22.4	21.6	21.9	14.2	13.0	13.7	---	---	---
7	23.2	22.5	22.9	22.4	21.9	22.1	13.6	12.7	13.2	11.6	10.5	11.2
8	23.4	22.6	22.9	22.3	21.5	22.0	13.2	12.5	13.0	11.3	10.7	11.1
9	23.3	22.7	23.0	21.7	20.2	21.1	13.0	12.1	12.8	11.3	10.7	11.1
10	23.0	22.6	22.9	20.6	19.6	20.3	13.1	12.6	12.9	10.9	10.0	10.6
11	22.9	22.5	22.8	20.4	19.6	20.1	13.0	12.4	12.6	10.4	9.7	10.1
12	23.2	22.4	22.8	20.8	19.6	20.1	12.7	12.0	12.4	10.3	9.5	10.0
13	23.4	22.4	23.0	20.2	19.4	19.9	12.6	12.1	12.3	10.2	9.6	9.9
14	23.6	22.9	23.2	19.9	18.3	19.0	12.4	11.7	12.1	10.2	9.4	9.8
15	23.2	22.5	22.8	19.1	18.1	18.8	12.1	11.3	11.9	10.8	9.7	10.0
16	22.9	21.9	22.6	19.3	18.1	18.8	12.1	11.2	11.8	10.2	9.3	9.8
17	23.0	21.9	22.6	19.6	18.5	19.0	12.2	11.4	11.9	10.1	9.0	9.7
18	22.8	22.0	22.5	19.4	18.7	19.1	11.8	10.8	11.4	10.7	9.8	10.2
19	22.8	21.4	22.3	19.3	18.9	19.2	11.4	10.7	11.1	10.5	9.9	10.4
20	22.9	21.4	22.3	19.0	18.0	18.8	11.0	10.1	10.6	10.3	9.5	10.0
21	22.7	21.9	22.4	18.9	18.3	18.7	10.6	9.7	10.3	10.0	9.4	9.9
22	22.5	21.7	22.2	18.7	18.4	18.6	10.3	9.9	10.1	10.0	9.5	9.8
23	22.1	21.1	21.8	18.6	18.2	18.4	10.4	9.8	10.1	10.0	9.4	9.7
24	21.8	21.1	21.5	18.7	17.9	18.4	10.6	10.1	10.3	10.0	9.4	9.7
25	21.4	20.9	21.2	18.4	17.8	18.1	10.4	10.0	10.3	10.0	9.4	9.7
26	21.5	21.0	21.3	18.2	17.4	17.9	10.6	9.2	10.2	9.5	8.8	9.2
27	21.5	21.2	21.4	18.6	17.5	18.0	10.7	9.3	10.1	9.2	8.6	9.0
28	21.5	21.3	21.4	18.5	17.5	18.1	10.6	9.3	10.1	9.1	8.3	8.8
29	21.5	20.9	21.2	18.0	16.4	16.9	---	---	---	9.0	7.8	8.6
30	21.4	20.6	21.1	17.4	15.4	16.6	---	---	---	8.8	8.1	8.5
31	21.7	20.4	21.0	---	---	---	---	---	---	8.7	7.9	8.3
MONTH	24.7	20.4	22.4	22.4	15.4	19.5	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	Temperature, water, degrees Celsius								
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
			FEBRUARY	MARCH			APRIL			MAY		
1	8.5	7.7	8.1	10.4	9.2	9.8	16.2	15.4	15.9	21.8	21.5	21.6
2	8.6	7.6	8.1	11.2	9.8	10.3	16.1	15.1	15.9	22.1	21.5	21.7
3	9.0	8.4	8.7	11.4	10.3	10.7	16.5	15.3	15.9	22.1	21.6	21.8
4	9.5	8.2	8.7	11.9	10.5	11.1	16.6	15.8	16.1	21.9	21.0	21.5
5	9.1	8.4	8.7	12.5	10.8	11.6	16.4	15.6	16.0	22.0	21.2	21.6
6	10.3	8.8	9.4	12.8	11.6	12.3	16.5	15.7	16.1	22.4	21.4	21.8
7	10.4	9.7	10.0	13.5	12.4	12.9	16.9	16.0	16.3	23.2	21.8	22.2
8	10.3	9.4	9.8	13.6	12.7	13.1	---	---	---	23.3	22.3	22.7
9	10.0	9.6	9.8	13.2	12.7	13.0	---	---	---	23.9	22.7	23.1
10	10.1	9.8	10.0	13.2	12.7	12.9	18.3	17.1	17.5	24.0	23.0	23.3
11	10.4	10.0	10.1	13.5	12.3	12.9	19.0	17.6	18.1	24.2	23.2	23.5
12	10.1	9.9	10.0	13.8	12.6	12.9	19.0	18.2	18.6	24.5	23.6	23.9
13	10.8	9.6	10.0	13.7	12.4	13.0	19.1	18.5	18.8	24.9	23.7	24.3
14	10.2	9.9	10.0	14.2	12.6	13.1	18.9	17.7	18.5	25.1	24.1	24.6
15	10.2	9.8	9.9	14.5	13.2	13.5	18.8	17.3	18.4	25.5	24.4	24.9
16	10.1	9.6	9.8	14.2	13.6	13.9	19.1	18.2	18.6	25.8	24.8	25.1
17	9.8	8.9	9.4	14.4	13.7	14.0	19.5	18.3	18.8	25.8	24.9	25.3
18	9.6	8.5	9.2	14.7	13.9	14.2	19.8	18.7	19.1	25.9	25.1	25.4
19	9.8	9.0	9.3	15.3	14.2	14.6	20.2	19.0	19.4	25.9	25.2	25.5
20	9.8	9.2	9.5	15.2	14.7	14.9	20.1	19.2	19.6	26.1	25.4	25.7
21	10.4	9.6	10.0	15.7	15.0	15.3	20.5	19.5	20.0	26.5	25.5	26.0
22	10.9	9.9	10.3	15.4	14.5	15.0	21.1	19.8	20.3	27.0	25.8	26.2
23	11.0	9.9	10.4	15.4	14.2	14.8	21.7	20.3	20.8	26.9	25.9	26.3
24	10.8	10.5	10.6	15.5	14.2	14.9	22.5	20.7	21.3	27.4	25.9	26.4
25	10.8	10.4	10.6	15.9	14.6	15.2	22.7	21.1	21.6	27.6	26.1	26.5
26	10.6	9.9	10.1	16.4	14.8	15.5	22.6	21.4	21.8	27.6	26.4	26.7
27	10.1	9.5	9.8	16.9	15.2	15.8	22.3	21.4	21.7	27.4	26.2	26.7
28	10.5	8.7	9.6	16.9	15.5	16.1	21.9	20.6	21.3	27.5	26.4	26.8
29	10.7	8.5	9.6	16.7	15.4	16.0	22.2	20.7	21.5	27.2	26.5	26.9
30	---	---	---	16.3	15.5	16.0	22.1	21.4	21.7	27.5	26.8	27.1
31	---	---	---	16.5	15.7	16.1	---	---	---	27.5	26.9	27.2
MONTH	11.0	7.6	9.6	16.9	9.2	13.7	---	---	---	27.6	21.0	24.6

COOPER RIVER BASIN

021720677 COOPER RIVER AT FILBIN CREEK NEAR NORTH CHARLESTON, SC--Continued

Temperature, water, degrees Celsius
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	27.5	26.8	27.2	29.1	28.8	29.0	30.0	29.6	29.8	27.1	26.6	26.8
2	27.8	26.9	27.3	29.0	28.7	28.9	29.9	29.4	29.6	27.1	26.7	26.9
3	---	---	---	29.3	28.5	28.8	29.9	29.3	29.6	27.1	26.5	26.8
4	---	---	---	29.4	28.7	29.0	30.3	29.5	29.8	27.3	26.5	26.9
5	---	---	---	29.7	29.0	29.2	30.6	29.8	30.0	27.2	26.8	26.9
6	---	---	---	30.1	29.2	29.5	30.2	29.6	29.8	27.0	26.4	26.7
7	---	---	---	30.2	29.5	29.8	29.8	28.6	29.2	26.7	26.4	26.6
8	---	---	---	30.4	29.6	29.9	29.4	28.6	29.1	27.0	26.5	26.7
9	---	---	---	30.5	29.6	30.0	29.2	28.5	29.0	27.3	26.4	26.9
10	---	---	---	30.3	29.7	30.0	29.1	28.5	28.8	27.0	26.8	26.9
11	28.9	27.9	28.3	30.6	29.8	30.1	28.8	28.3	28.6	26.9	26.5	26.8
12	28.9	28.1	28.5	30.4	30.0	30.2	28.6	28.1	28.4	26.7	26.1	26.6
13	28.6	28.0	28.3	30.7	30.0	30.3	28.3	27.7	28.0	---	---	---
14	28.3	27.8	28.1	30.8	30.1	30.4	27.9	27.2	27.7	---	---	---
15	28.1	27.6	28.0	30.7	30.0	30.4	27.8	27.5	27.6	26.2	25.9	26.1
16	28.1	27.8	28.0	30.7	29.9	30.2	27.9	27.2	27.5	26.5	26.0	26.2
17	28.3	27.7	28.0	30.6	30.0	30.3	28.1	27.5	27.6	26.6	26.2	26.4
18	28.7	27.8	28.1	30.2	29.5	30.0	28.1	27.4	27.7	26.6	26.0	26.3
19	28.9	28.1	28.4	30.3	29.5	29.9	28.5	27.7	28.0	26.4	25.6	25.9
20	28.9	28.3	28.6	30.5	29.6	29.9	28.7	27.9	28.2	25.9	24.9	25.2
21	28.9	28.3	28.5	30.4	29.6	30.0	28.7	28.1	28.4	25.1	24.4	24.8
22	---	---	---	---	---	---	28.9	28.1	28.5	25.0	24.4	24.7
23	---	---	---	---	---	---	28.6	28.2	28.4	25.2	24.6	24.8
24	---	---	---	---	---	---	29.0	28.1	28.5	24.8	24.3	24.6
25	---	---	---	---	---	---	28.7	28.1	28.5	24.8	24.3	24.5
26	---	---	---	---	---	---	28.5	28.1	28.3	24.4	24.1	24.3
27	---	---	---	30.7	29.9	30.2	28.3	28.0	28.2	24.8	24.2	24.5
28	---	---	---	30.7	29.9	30.3	28.2	27.8	28.0	25.0	24.5	24.7
29	---	---	---	30.4	29.7	30.1	27.9	26.6	27.2	25.3	24.7	24.9
30	---	---	---	30.5	29.7	30.0	27.1	26.4	26.7	25.4	25.0	25.1
31	---	---	---	30.3	29.7	30.0	27.2	26.4	26.8	---	---	---
MONTH	---	---	---	---	---	---	30.6	26.4	28.4	---	---	---

021720677 COOPER RIVER AT FILBIN CREEK NEAR NORTH CHARLESTON, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	FEBRUARY			MARCH			APRIL			MAY		
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	---	---	---	---	---	---	21.8	21.4	21.6			
2	---	---	---	---	---	---	---	---	---	22.1	21.5	21.7			
3	---	---	---	---	---	---	---	---	---	22.1	21.6	21.8			
4	---	---	---	---	---	---	---	---	---	21.9	21.1	21.5			
5	---	---	---	---	---	---	---	---	---	21.9	21.2	21.5			
6	---	---	---	---	---	---	---	---	---	---	---	---			
7	---	---	---	---	---	---	---	---	---	22.9	21.8	22.2			
8	---	---	---	---	---	---	---	---	---	23.3	22.2	22.6			
9	---	---	---	---	---	---	---	16.8	---	23.7	22.7	23.0			
10	---	---	---	---	---	---	18.3	17.1	17.5	23.9	23.0	23.3			
11	---	---	---	---	---	---	18.9	17.6	18.0	24.1	23.3	23.5			
12	---	---	---	---	---	---	19.0	18.1	18.4	24.4	23.4	23.7			
13	---	---	---	---	---	---	19.1	18.4	18.7	24.9	23.4	24.2			
14	---	---	---	---	---	---	18.9	17.8	18.5	25.2	24.1	24.5			
15	---	---	---	---	---	---	18.7	17.9	18.4	25.2	24.5	24.8			
16	---	---	---	---	---	---	18.8	18.2	18.5	25.5	24.8	25.1			
17	---	---	---	---	---	---	19.3	18.3	18.7	25.7	24.9	25.2			
18	---	---	---	---	---	---	19.7	18.7	19.0	26.0	25.2	25.4			
19	---	---	---	---	---	---	20.0	19.0	19.3	25.9	25.3	25.5			
20	---	---	---	---	---	---	20.0	19.3	19.6	26.1	25.4	25.7			
21	---	---	---	---	---	---	20.5	19.5	19.9	26.4	25.5	25.8			
22	---	---	---	---	---	---	20.8	19.9	20.2	26.4	25.8	26.1			
23	---	---	---	---	---	---	21.2	20.3	20.6	26.7	26.0	26.2			
24	---	---	---	---	---	---	21.6	20.6	21.0	27.0	26.0	26.3			
25	---	---	---	---	---	---	22.3	20.9	21.3	27.2	26.2	26.4			
26	---	---	---	---	---	---	22.3	21.0	21.5	27.6	26.2	26.6			
27	---	---	---	---	---	---	22.0	21.3	21.6	27.3	26.3	26.6			
28	---	---	---	---	---	---	21.9	20.7	21.3	27.4	26.4	26.7			
29	---	---	---	---	---	---	22.2	21.1	21.4	27.3	26.5	26.8			
30	---	---	---	---	---	---	22.0	21.3	21.6	27.4	26.8	27.1			
31	---	---	---	---	---	---	---	---	---	27.5	26.9	27.2			
MONTH	---	---	---	---	---	---	---	---	---	---	---	---			

DAY	MAX	MIN	MEAN	Temperature, water, degrees Celsius			MAX	MIN	MEAN	MAX	MIN	MEAN			
				MAX	MIN	MEAN									
				JUNE			JULY			AUGUST			SEPTEMBER		
1	27.5	27.0	27.2	29.1	28.7	28.9	30.1	29.7	29.9	27.2	26.8	27.0			
2	27.7	26.9	27.3	28.9	28.7	28.8	29.9	29.5	29.7	27.2	26.7	27.0			
3	---	---	---	29.2	28.5	28.8	29.9	29.3	29.6	27.2	26.6	27.0			
4	---	---	---	29.4	28.7	28.9	30.4	29.6	29.8	27.4	26.6	27.0			
5	---	---	---	29.6	28.9	29.2	30.4	29.8	30.0	27.3	26.8	27.1			
6	---	---	---	30.1	29.2	29.5	30.2	29.7	29.9	27.1	26.6	26.8			
7	---	---	---	30.1	29.5	29.7	29.8	28.7	29.3	26.8	26.6	26.6			
8	---	---	---	30.3	29.6	29.9	29.4	28.6	29.1	27.1	26.6	26.9			
9	---	---	---	30.2	29.7	29.9	29.3	28.6	29.0	27.4	26.6	27.0			
10	---	---	---	30.1	29.7	30.0	29.1	28.3	28.8	27.2	26.9	27.0			
11	28.9	27.9	28.2	30.5	29.9	30.1	28.8	27.8	28.5	27.0	26.6	26.9			
12	28.8	28.0	28.4	30.3	29.9	30.1	28.6	28.2	28.4	26.9	26.2	26.7			
13	28.6	28.0	28.3	30.6	29.9	30.1	28.4	27.7	28.1	26.7	26.3	26.5			
14	28.2	27.8	28.1	30.7	30.0	30.3	28.0	27.2	27.8	26.5	26.1	26.3			
15	28.1	27.7	28.0	30.5	30.0	30.3	27.8	27.5	27.7	26.2	25.9	26.1			
16	28.0	27.8	27.9	30.4	29.9	30.2	27.8	27.3	27.6	26.5	26.0	26.2			
17	28.2	27.8	27.9	30.5	30.0	30.2	27.9	27.5	27.6	26.5	26.2	26.4			
18	28.5	27.7	28.1	30.2	29.6	30.0	28.1	27.4	27.7	26.7	26.1	26.3			
19	28.7	27.9	28.3	30.1	29.4	29.8	28.3	27.7	27.9	26.3	25.6	25.9			
20	28.8	28.2	28.5	30.2	29.5	29.8	28.6	28.0	28.2	26.0	24.9	25.2			
21	28.8	28.3	28.4	30.4	29.6	29.9	28.7	28.2	28.4	25.0	24.3	24.7			
22	---	---	---	---	---	---	28.8	28.2	28.5	24.9	24.2	24.7			
23	---	---	---	---	---	---	28.6	28.3	28.5	24.9	24.5	24.7			
24	---	---	---	---	---	---	29.0	28.1	28.5	24.7	24.3	24.6			
25	---	---	---	---	---	---	28.8	28.0	28.6	24.6	24.2	24.4			
26	---	---	---	30.7	---	---	28.6	28.2	28.5	24.4	24.1	24.3			
27	---	---	---	30.6	29.9	30.2	28.4	28.1	28.3	24.7	24.2	24.4			
28	---	---	---	30.6	29.9	30.3	28.3	27.9	28.1	24.9	24.5	24.7			
29	---	---	---	30.3	29.7	30.1	28.0	26.7	27.3	25.3	24.7	24.9			
30	---	---	---	30.4	29.8	30.1	27.3	26.6	26.8	25.3	25.0	25.1			
31	---	---	---	30.3	29.7	30.0	27.3	26.6	26.9	---	---	---			
MONTH	---	---	---	---	---	---	30.4	26.6	28.5	27.4	24.1	25.9			

COOPER RIVER BASIN

021720677 COOPER RIVER AT FILBIN CREEK NEAR NORTH CHARLESTON, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	---	---	---	---	---	---	6.2	5.4	5.8
2	---	---	---	---	---	---	---	---	---	6.0	5.3	5.7
3	---	---	---	---	---	---	---	---	---	6.0	5.2	5.6
4	---	---	---	---	---	---	---	---	---	6.1	5.3	5.7
5	---	---	---	---	---	---	---	---	---	6.1	5.1	5.5
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	5.9	5.2	5.6
8	---	---	---	---	---	---	---	---	---	6.0	5.2	5.6
9	---	---	---	---	---	---	---	---	---	6.2	5.1	5.7
10	---	---	---	---	---	---	7.6	6.9	7.2	6.4	5.3	5.7
11	---	---	---	---	---	---	7.7	6.9	7.2	6.5	4.9	5.6
12	---	---	---	---	---	---	7.6	7.0	7.3	6.4	5.2	5.7
13	---	---	---	---	---	---	7.6	7.0	7.2	6.4	5.1	5.7
14	---	---	---	---	---	---	8.1	7.0	7.4	6.4	5.0	5.7
15	---	---	---	---	---	---	7.6	6.8	7.2	6.3	4.9	5.7
16	---	---	---	---	---	---	7.3	6.7	7.0	6.3	5.0	5.6
17	---	---	---	---	---	---	7.1	6.5	6.8	6.2	4.7	5.5
18	---	---	---	---	---	---	7.1	6.4	6.8	6.0	4.7	5.4
19	---	---	---	---	---	---	7.2	6.5	6.8	5.9	4.8	5.4
20	---	---	---	---	---	---	7.2	6.5	6.8	5.8	4.4	5.3
21	---	---	---	---	---	---	7.2	6.5	6.9	6.3	4.7	5.5
22	---	---	---	---	---	---	7.4	6.5	6.9	6.8	4.2	5.7
23	---	---	---	---	---	---	7.4	6.4	6.8	6.8	4.4	5.7
24	---	---	---	---	---	---	7.6	6.3	6.9	6.8	3.9	5.5
25	---	---	---	---	---	---	7.7	6.0	6.9	6.7	4.2	5.3
26	---	---	---	---	---	---	7.6	5.8	6.7	6.7	4.0	5.3
27	---	---	---	---	---	---	7.6	5.8	6.5	6.5	4.1	5.2
28	---	---	---	---	---	---	7.4	5.6	6.4	6.7	3.9	5.2
29	---	---	---	---	---	---	7.1	5.7	6.3	5.9	4.4	5.1
30	---	---	---	---	---	---	6.6	5.6	6.1	5.8	4.0	4.7
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	Dissolved oxygen, water, unfiltered, milligrams per liter											
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN			
				JUNE			JULY			AUGUST			SEPTEMBER		
1	---	---	---	6.2	4.5	4.9	6.2	3.5	4.8	5.5	4.6	4.9			
2	---	---	---	5.0	4.1	4.5	6.6	3.5	4.9	5.2	4.4	4.7			
3	---	---	---	5.0	3.8	4.3	7.1	3.5	5.2	5.4	4.3	4.7			
4	---	---	---	5.2	3.2	4.0	7.4	4.1	5.4	5.4	4.3	4.7			
5	---	---	---	5.3	3.2	3.8	7.1	4.7	5.6	5.2	4.4	4.8			
6	---	---	---	6.3	3.2	4.5	7.2	5.0	5.9	5.8	4.7	5.1			
7	---	---	---	6.7	3.9	5.0	8.1	5.4	6.3	5.9	5.0	5.4			
8	---	---	---	7.1	4.7	5.3	8.6	5.4	6.4	6.0	5.7	5.9			
9	---	---	---	6.9	4.6	5.4	8.7	5.5	6.3	6.0	5.3	5.8			
10	---	---	---	6.8	4.5	5.4	8.1	5.4	6.1	5.5	5.0	5.3			
11	5.9	4.2	4.9	6.8	4.7	5.4	6.6	4.8	5.5	5.5	4.7	5.1			
12	6.1	4.4	5.1	7.0	4.4	5.5	5.7	4.2	5.0	5.4	4.7	5.1			
13	5.7	4.7	5.2	7.4	4.8	5.8	5.3	4.4	4.8	---	---	---			
14	5.5	4.1	5.0	8.1	4.8	6.1	5.5	4.1	4.9	---	---	---			
15	5.6	4.4	5.1	8.0	4.5	6.2	5.0	4.3	4.6	5.3	4.6	4.9			
16	5.6	4.2	4.9	8.9	4.1	6.2	4.7	4.0	4.3	5.3	4.5	4.9			
17	5.7	4.2	4.9	7.8	3.9	6.3	4.5	3.8	4.2	5.9	4.9	5.5			
18	6.5	3.8	5.1	---	---	---	4.9	3.8	4.3	6.3	5.4	5.7			
19	6.3	3.7	5.2	7.3	4.2	5.9	5.2	3.9	4.5	6.4	5.4	6.0			
20	6.3	3.8	5.3	8.2	4.5	6.3	5.3	4.1	4.7	6.7	5.9	6.3			
21	6.3	3.8	5.2	---	---	---	6.4	4.5	5.1	6.8	5.8	6.3			
22	---	---	---	---	---	---	6.2	4.5	5.2	6.5	5.6	6.1			
23	---	---	---	---	---	---	6.0	4.4	5.0	6.9	5.6	6.1			
24	---	---	---	---	---	---	6.9	4.3	5.1	6.4	5.7	6.0			
25	---	---	---	---	---	---	6.6	4.4	5.2	6.5	5.8	6.1			
26	---	---	---	---	---	---	6.5	4.7	5.3	6.5	5.9	6.1			
27	---	---	---	---	---	---	5.9	4.6	5.0	6.5	5.8	6.2			
28	---	---	---	6.1	3.2	4.6	5.2	4.4	4.8	6.9	6.2	6.5			
29	---	---	---	6.0	3.2	4.6	6.2	4.6	5.6	6.7	5.8	6.1			
30	---	---	---	6.1	3.1	4.7	6.2	5.4	5.6	5.9	5.4	5.6			
31	---	---	---	6.1	3.3	4.8	5.6	5.0	5.2	---	---	---			
MONTH	---	---	---	---	---	---	8.7	3.5	5.2	---	---	---			

021720677 COOPER RIVER AT FILBIN CREEK NEAR NORTH CHARLESTON, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	5.7	4.8	5.3	6.8	5.6	6.1	8.1	6.8	7.4	---	---	---
2	6.1	5.0	5.5	6.7	5.6	6.1	8.1	7.1	7.6	---	---	---
3	6.1	5.1	5.6	6.6	5.5	6.0	7.9	7.2	7.6	---	---	---
4	5.9	5.1	5.4	6.0	5.3	5.5	8.1	7.4	7.7	---	---	---
5	5.6	5.1	5.3	5.8	5.3	5.5	7.8	7.2	7.5	---	---	---
6	5.6	5.0	5.3	5.8	5.2	5.5	8.2	7.3	7.7	---	---	---
7	5.6	5.1	5.3	6.0	5.2	5.5	8.2	7.6	7.8	9.5	8.9	9.3
8	5.7	5.0	5.3	6.2	5.2	5.6	8.2	7.7	7.9	9.3	8.7	9.0
9	5.6	5.2	5.4	6.7	5.5	6.0	8.5	7.6	8.0	---	---	---
10	5.6	5.1	5.3	7.0	6.1	6.4	8.6	7.6	8.0	---	---	---
11	5.4	4.9	5.2	7.1	5.9	6.3	8.7	7.8	8.1	---	---	---
12	5.5	5.0	5.2	7.1	5.8	6.4	8.8	7.8	8.4	---	---	---
13	5.5	4.9	5.1	7.7	6.0	6.6	8.9	8.0	8.4	---	---	---
14	5.5	4.7	5.1	7.9	6.3	7.0	8.7	7.7	8.3	---	---	---
15	6.2	4.9	5.4	7.5	6.6	7.1	8.9	7.8	8.4	---	---	---
16	6.0	5.1	5.5	7.6	6.7	7.1	9.0	7.9	8.5	---	---	---
17	6.2	5.1	5.6	7.5	6.6	7.0	8.9	7.8	8.3	---	---	---
18	6.6	5.4	6.0	7.3	6.6	7.0	9.1	8.0	8.5	---	---	---
19	6.2	5.4	5.8	7.3	6.6	7.0	9.0	7.8	8.5	---	---	---
20	5.8	5.0	5.3	7.2	6.7	6.9	9.1	8.0	8.6	---	---	---
21	6.1	5.0	5.5	6.9	6.5	6.7	9.0	8.3	8.7	---	---	---
22	6.1	5.4	5.8	6.9	6.1	6.3	9.1	8.2	8.7	---	---	---
23	6.2	5.5	5.8	6.6	6.0	6.2	9.0	8.3	8.7	---	---	---
24	6.2	4.8	5.8	6.8	6.2	6.4	9.2	8.3	8.7	9.6	8.8	9.2
25	6.2	5.7	5.9	7.0	6.4	6.6	9.3	8.4	8.8	9.5	8.9	9.1
26	6.2	5.5	5.8	7.0	6.6	6.7	9.4	8.4	8.9	9.5	8.8	9.1
27	6.2	5.4	5.8	7.0	6.5	6.7	9.5	8.4	8.9	9.5	8.8	9.2
28	6.1	5.3	5.7	7.2	6.4	6.9	9.6	8.4	9.0	10.0	8.9	9.4
29	6.6	5.4	5.9	8.2	6.9	7.5	---	---	---	10.1	8.9	9.5
30	6.6	5.6	6.0	7.8	6.9	7.3	---	---	---	10.0	8.8	9.5
31	6.9	5.6	6.1	---	---	---	---	---	---	10.1	8.7	9.5
MONTH	6.9	4.7	5.5	8.2	5.2	6.5	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	9.7	8.8	9.4	10.0	8.8	9.4	7.9	6.8	7.4	---	---	---
2	9.6	9.2	9.4	9.8	8.7	9.3	8.1	7.0	7.5	---	---	---
3	9.6	9.0	9.2	9.7	8.6	9.3	8.0	7.0	7.4	---	---	---
4	9.9	9.0	9.4	9.4	8.5	9.0	7.9	6.8	7.3	---	---	---
5	9.9	9.1	9.5	9.2	8.2	8.7	7.7	6.7	7.1	---	---	---
6	9.5	9.0	9.3	9.1	8.1	8.6	7.4	6.6	7.0	---	---	---
7	9.7	8.9	9.3	8.9	7.9	8.5	7.4	6.5	7.0	6.2	5.4	5.8
8	10.1	9.2	9.7	9.0	7.7	8.4	---	---	---	6.2	5.5	5.8
9	10.0	9.2	9.5	8.9	7.4	8.2	7.9	7.0	7.4	6.6	5.4	6.0
10	9.7	9.0	9.3	8.8	7.5	8.1	7.6	6.9	7.2	6.7	5.3	6.0
11	9.7	8.9	9.3	9.1	7.4	8.3	7.9	7.0	7.3	7.0	5.4	6.0
12	9.7	9.0	9.4	9.2	8.1	8.5	7.9	7.2	7.5	6.7	5.3	5.9
13	9.8	9.0	9.3	9.1	7.9	8.5	8.0	7.1	7.5	6.9	5.3	6.0
14	9.5	8.9	9.2	8.7	8.0	8.3	8.7	7.2	7.9	6.8	5.2	6.0
15	9.2	8.7	9.0	8.6	7.8	8.2	8.1	7.2	7.7	6.8	5.1	6.0
16	9.6	8.8	9.1	8.4	7.8	8.1	7.9	7.2	7.5	6.9	5.4	6.1
17	9.5	8.8	9.2	8.3	7.6	8.0	7.7	7.1	7.4	6.8	5.2	5.9
18	9.6	8.9	9.3	8.1	7.5	7.9	7.7	7.0	7.3	6.5	5.0	5.8
19	9.6	8.9	9.3	8.1	7.6	7.8	7.8	7.0	7.4	6.5	5.1	5.8
20	9.7	8.9	9.3	8.0	7.6	7.9	7.8	6.9	7.4	6.4	5.1	5.7
21	9.8	9.0	9.4	8.2	7.5	7.9	7.9	6.9	7.4	6.9	5.1	6.0
22	9.8	9.0	9.4	8.4	7.7	8.1	8.1	6.9	7.4	7.6	5.2	6.2
23	9.8	9.0	9.3	8.6	7.6	8.0	8.0	6.7	7.3	7.5	5.0	6.2
24	9.8	8.9	9.2	8.6	7.5	8.0	---	---	---	6.7	4.6	5.8
25	9.6	8.7	9.1	8.6	7.4	8.1	---	---	---	6.6	3.8	5.2
26	9.6	8.8	9.2	8.7	7.4	8.1	---	---	---	6.7	4.2	5.2
27	9.8	8.9	9.4	8.5	7.3	8.0	---	---	---	6.5	3.8	5.2
28	9.9	9.1	9.5	8.2	7.2	7.9	---	---	---	6.7	3.8	5.2
29	9.9	8.9	9.4	8.2	7.0	7.7	---	---	---	5.9	4.0	5.2
30	---	---	---	8.2	7.0	7.6	---	---	---	---	---	---
31	---	---	---	7.7	6.7	7.2	---	---	---	---	---	---
MONTH	10.1	8.7	9.3	10.0	6.7	8.2	---	---	---	---	---	---

COOPER RIVER BASIN

021720677 COOPER RIVER AT FILBIN CREEK NEAR NORTH CHARLESTON, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	5.4	3.4	4.6	6.2	3.4	4.7	5.2	3.9	4.6
2	---	---	---	4.9	3.3	4.3	5.8	3.8	4.8	4.9	3.5	4.4
3	---	---	---	5.3	3.1	4.2	5.5	3.4	4.6	4.8	3.4	4.2
4	---	---	---	5.3	3.0	4.2	5.6	3.4	4.6	5.0	3.2	4.2
5	---	---	---	5.1	2.9	4.2	6.8	3.8	4.7	5.0	3.1	4.2
6	---	---	---	6.0	3.2	4.5	6.6	3.9	5.0	5.5	3.5	4.6
7	---	---	---	5.5	3.0	4.4	8.2	3.6	5.2	5.7	3.6	5.0
8	---	---	---	5.7	3.7	4.6	8.4	3.6	5.3	5.9	5.0	5.6
9	---	---	---	5.7	3.3	4.6	7.6	3.2	5.0	5.7	3.6	4.9
10	---	---	---	5.6	3.3	4.5	7.2	3.1	4.8	5.2	3.6	4.7
11	6.1	4.3	5.2	5.6	3.4	4.4	6.9	2.6	4.7	5.3	4.0	4.7
12	6.4	4.2	5.3	5.7	3.6	4.3	5.8	3.8	5.0	5.2	3.5	4.7
13	5.9	4.4	5.4	6.1	3.4	4.5	5.7	3.9	4.8	---	---	---
14	5.8	4.2	5.2	6.2	3.4	4.7	6.1	4.1	5.0	---	---	---
15	6.0	4.0	5.2	6.8	3.4	4.8	5.6	4.3	5.1	4.8	3.4	4.3
16	5.4	4.0	4.9	7.2	3.7	5.1	5.3	4.0	4.8	5.0	3.7	4.4
17	5.7	4.1	5.0	6.6	3.6	5.0	5.1	4.1	4.6	5.6	4.2	4.9
18	5.8	3.9	5.0	6.5	3.5	4.5	5.4	4.1	4.7	5.8	4.2	5.0
19	5.9	4.2	5.0	5.7	2.9	4.5	5.6	4.0	4.9	6.0	4.2	5.3
20	5.8	4.0	5.1	5.7	3.2	4.4	5.8	4.4	5.1	6.3	4.8	5.7
21	6.0	4.0	5.1	5.9	3.2	4.3	6.3	4.5	5.4	6.3	5.0	5.8
22	---	---	---	---	---	---	6.6	4.6	5.5	6.1	4.4	5.5
23	---	---	---	---	---	---	6.4	3.9	5.4	5.9	4.0	5.3
24	---	---	---	---	---	---	7.0	3.8	5.4	6.0	4.6	5.4
25	---	---	---	---	---	---	6.5	3.8	5.3	6.1	4.9	5.5
26	---	---	---	---	---	---	5.8	3.8	4.7	6.0	5.2	5.7
27	---	---	---	6.6	2.8	4.3	5.6	3.5	4.6	6.2	5.1	5.7
28	---	---	---	6.0	3.0	4.3	5.1	3.6	4.5	6.3	5.1	5.9
29	---	---	---	6.4	2.7	4.4	6.0	4.3	5.2	6.2	5.1	5.7
30	---	---	---	6.2	3.2	4.5	5.7	4.5	5.1	5.9	4.6	5.4
31	---	---	---	6.5	3.2	4.7	5.4	3.9	4.8	---	---	---
MONTH	---	---	---	---	---	---	8.4	2.6	4.9	---	---	---

021720696 WANDO RIVER AT CAINHOY, SC

LOCATION.--Lat 32°55'24'', long 79°49'35'', Charleston County, Hydrologic Unit 03050201, on upstream side of bridge on State Road 41, 0.5 mi south of Cainhoy, and at mile 9.2.

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1992 to September 1995, May 2004 to September 2004.

GAGE.--Data collection platform and acoustic velocity meter. Datum of gage is 10.62 ft NGVD of 1929.

REMARKS.--Records fair. This site is strongly affected by astronomical tides. The astronomical tides occur at primary harmonic periods of 12.42 hours for semi-diurnal tides and 24.84 hours for diurnal tides. Computed 24-hour daily mean discharge for this site may be affected by aliasing due to tides and, thus, may contain spurious fluctuations or oscillations that are not indicative of net downstream discharge.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 74,900 ft³/s, July 4, 2004, maximum gage height, 16.46 ft, Dec. 31, 1994; minimum discharge, -53,300 ft³/s, June 3, 2004, minimum gage height, 5.61 ft, Feb. 4, 1995.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 74,900 ft³/s, July 4, maximum gage height, 16.08 ft, Sep. 27; minimum discharge, -53,300 ft³/s, June 3, minimum gage height, 6.30 ft, May 4.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	---	---	52600	-32900	66400	-45300	71300	-45700	71900	-47000	61000	-39100
2	---	---	62600	-38700	70000	-51700	71700	-43800	73500	-45200	61200	-37900
3	---	---	63100	-41000	70600	-53300	71000	-47000	73000	-41000	61700	-36500
4	---	---	70700	-45300	71500	-49000	74900	-45100	66700	-40800	57000	-27900
5	---	---	69900	-48900	68400	-49200	71100	-42200	60100	-37400	49100	-27400
6	---	---	70200	-49500	66500	-50000	67700	-41300	53100	-41500	55500	-28400
7	---	---	71200	-45100	64200	-41100	62200	-36600	55700	-39400	38000	-27200
8	---	---	67600	-44100	60600	-39200	57900	-35400	49000	-31800	41400	-25800
9	---	---	64400	-37200	58700	-37000	53800	-34600	44100	-28600	41200	-23400
10	---	---	61000	-36700	54400	-37300	51600	-33400	39400	-29900	44900	-25000
11	---	---	56800	-36700	52100	-36600	50600	-32400	39500	-29200	51500	-29200
12	---	---	51900	-35500	52100	-37300	48200	-32400	43800	-27400	59300	-32000
13	---	---	51600	-35400	59300	-39800	49200	-34400	46500	-36600	64100	-38000
14	---	---	49600	-36600	55900	-43100	52300	-31500	66700	-35400	62000	-37000
15	---	---	51600	-38700	53500	-36500	49500	-35500	56500	-42300	61200	-37100
16	---	---	55300	-38400	52500	-35400	55800	-37400	58100	-36700	63200	-38600
17	---	---	55100	-42200	52900	-36600	59200	-37300	57500	-34500	62600	-36200
18	---	---	54600	-38300	52500	-36200	57900	-36400	58400	-39800	57200	-32200
19	---	---	55500	-35700	52300	-35600	48000	-33100	57400	-38000	56400	-33300
20	---	---	55500	-33200	55400	-37200	55800	-36900	54400	-36000	61900	-40000
21	---	---	49500	-33000	59100	-41700	53700	-38100	50500	-31300	61400	-37600
22	---	---	49000	-36200	58700	-32600	51700	-32900	54600	-30700	56200	-33800
23	---	---	46700	-34600	50000	-33100	51200	-32200	54000	-30600	53200	-32000
24	---	---	42200	-33000	37800	-34400	49800	-32600	57600	-33100	60800	-34900
25	---	---	43100	-30400	41200	-32800	51100	-31400	58200	-32200	66200	-43800
26	---	---	40600	-30500	44800	-33000	55400	-34200	62000	-37900	66200	-43400
27	---	---	37300	-33000	58500	-36800	62100	-36300	66200	-38800	70100	-49500
28	---	---	39100	-33000	57400	-34800	66900	-40300	67500	-44900	69500	-47900
29	---	---	50200	-32600	65700	-39000	67300	-43400	70300	-39900	59400	-40900
30	---	---	62000	-41800	68300	-43300	70900	-44600	66600	-42200	61700	-39700
31	---	---	63100	-42500	---	---	72600	-49300	64500	-38400	---	---
MONTH	---	---	71200	-49500	71500	-53300	74900	-49300	73500	-47000	70100	-49500

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water year 1992 to 1995, 2004.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE (TOP): July 1992 to September 1995 (discontinued).

SPECIFIC CONDUCTANCE (MIDDLE): March 2004 to September 2004.

SPECIFIC CONDUCTANCE (BOTTOM): July 1992 to September 1995 (discontinued).

SALINITY (TOP): July 1992 to September 1995 (discontinued).

SALINITY (BOTTOM): July 1992 to September 1995 (discontinued).

WATER TEMPERATURE (MIDDLE): March 2004 to September 2004.

DISSOLVED OXYGEN (TOP): July 1992 to September 1995 (discontinued).

DISSOLVED OXYGEN (MIDDLE): March 2004 to September 2004.

DISSOLVED OXYGEN (BOTTOM): July 1992 to September 1995 (discontinued).

INSTRUMENTATION.--Water-quality multiprobe and data collection platform.

REMARKS.--Specific conductance (Middle) records rated excellent except for Mar. 18 to Apr. 16, June 16, July 2-4, 16-27, Sep. 13-15, which are good, July 5, 6, which are fair, and July 7-9, which are poor. Temperature (Middle) records rated excellent. Dissolved oxygen (Middle) records rated excellent except for Mar. 18 to Apr. 19, July 15-19, Aug. 15, 16, which are good, July 20-22, Aug. 17-19, which are fair, and Aug. 20-27, which are poor. Prior to October 1, 2003 dissolved oxygen concentrations are not corrected for salinity.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE (TOP): Maximum, 38,500 microsiemens, Oct. 16, 1993; minimum, 5,280 microsiemens, Oct. 14, 1994.

SPECIFIC CONDUCTANCE (MIDDLE): Maximum, 37,600 microsiemens, Aug. 11, 2004; minimum, 11,100 microsiemens, Aug. 31, 2004.

SPECIFIC CONDUCTANCE (BOTTOM): Maximum, 37,800 microsiemens, Oct. 15, 1993; minimum, 17,300 microsiemens, Apr. 7, 1993.

SALINITY (TOP): Maximum, 24.5 ppt, Oct. 16, 1993; minimum, 2.8 ppt, Oct. 14, 1994.

SALINITY (BOTTOM): Maximum, 24.0 ppt, Oct. 15, 1993; minimum, 10.2 ppt, Apr. 7, 1993.

WATER TEMPERATURE (MIDDLE): Maximum, 32.4°C, July 7, 2004; minimum, 15.2°C, Mar. 24, 2004.

DISSOLVED OXYGEN (TOP): Maximum, 13.0 mg/L, Jan. 26, 1994; minimum, 2.3 mg/L, Aug. 27, 1992.

DISSOLVED OXYGEN (MIDDLE): Maximum, 8.7 mg/L, Mar. 24, 25 2004; minimum, 2.9 mg/L, Sep. 2, 2004.

DISSOLVED OXYGEN (BOTTOM): Maximum, 12.8 mg/L, Jan. 26, 1994; minimum, 2.3 mg/L, Aug. 5, 6, 1994.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE (MIDDLE): Maximum, 37,600 microsiemens, Aug. 11; minimum, 11,100 microsiemens, Aug. 31.

WATER TEMPERATURE (MIDDLE): Maximum, 32.4°C, July 7; minimum, 15.2°C, Mar. 24

DISSOLVED OXYGEN (MIDDLE): Maximum, 8.7 mg/L, Mar. 24, 25; minimum, 2.9 mg/L, Sep. 2.

WANDO RIVER BASIN

021720696 WANDO RIVER AT CAINHOY, SC--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

	DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY			
1	---	---	---	---	---	---	35300	34400	34800	---	---	---	
2	---	---	---	---	---	---	35400	34400	34800	---	---	---	
3	---	---	---	---	---	---	35900	34400	35100	---	---	---	
4	---	---	---	---	---	---	36100	34500	35100	---	---	---	
5	---	---	---	---	---	---	36300	34500	35300	---	---	---	
6	---	---	---	---	---	---	36300	34600	35300	34300	31000	32600	
7	---	---	---	---	---	---	35900	34300	35100	34200	31200	32600	
8	---	---	---	---	---	---	35700	34400	34900	34200	31400	32700	
9	---	---	---	---	---	---	35600	34200	34600	34000	31800	32800	
10	---	---	---	---	---	---	35100	34000	34400	33900	32000	32900	
11	---	---	---	---	---	---	34600	33800	34100	33800	32200	32900	
12	---	---	---	---	---	---	34200	33000	33500	33700	32300	32900	
13	---	---	---	---	---	---	33400	32200	32900	33500	32000	32800	
14	---	---	---	---	---	---	32800	31800	32400	33600	32500	33000	
15	---	---	---	---	---	---	32500	31700	32100	33700	32100	33000	
16	---	---	---	---	---	---	---	---	---	33900	32400	33100	
17	---	---	---	---	---	---	---	---	---	33800	32800	33200	
18	---	---	---	---	---	---	---	---	---	33800	32500	33100	
19	---	---	---	34600	32800	33800	---	---	---	33600	32800	33300	
20	---	---	---	35200	33100	34100	---	---	---	33300	32400	33100	
21	---	---	---	34900	33200	34000	---	---	---	---	---	---	
22	---	---	---	35100	33400	34200	---	---	---	---	---	---	
23	---	---	---	35100	33800	34400	---	---	---	---	---	---	
24	---	---	---	35200	33900	34400	---	---	---	---	---	---	
25	---	---	---	35000	34000	34500	---	---	---	---	---	---	
26	---	---	---	34800	34200	34500	---	---	---	---	---	---	
27	---	---	---	34900	34200	34500	---	---	---	---	---	---	
28	---	---	---	34800	34300	34500	---	---	---	---	---	---	
29	---	---	---	35100	34400	34700	---	---	---	---	---	---	
30	---	---	---	35600	34500	34900	---	---	---	---	---	---	
31	---	---	---	35600	34400	34900	---	---	---	---	---	---	
MONTH	---	---	---	---	---	---	---	---	---	---	---	---	
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	
	JUNE			JULY			AUGUST			SEPTEMBER			
1	---	---	---	37100	33500	35200	37000	34100	35600	19900	11200	15800	
2	36600	34100	35300	36200	33300	35000	37100	34700	35700	20100	11900	16200	
3	37200	35500	36000	37400	30800	33600	36700	33300	35300	20700	12800	16600	
4	37400	35700	36300	37300	32700	34800	35900	33000	34500	20700	13500	16700	
5	37400	35100	36400	36800	33100	34600	36300	33800	35100	22600	14300	17800	
6	37300	36300	36800	36800	31900	34400	36700	35100	35900	27000	15100	20000	
7	37300	35600	36600	36400	33200	34400	37300	35400	36200	24600	14600	20100	
8	37400	36100	37000	35200	32500	33900	37000	35800	36400	23000	15100	19200	
9	37400	36700	37100	35200	32800	33900	37000	36100	36500	22400	13900	18100	
10	37200	36300	36900	34700	32800	33700	37400	36300	36800	22800	14100	18300	
11	37000	35500	36500	35000	33300	34000	37600	36600	37000	24800	15300	19600	
12	36700	35500	36100	35100	32900	34200	37300	35700	36800	26400	15300	20700	
13	36700	35500	36100	35400	33500	34400	35800	33100	35000	27400	16100	21300	
14	36300	35100	35700	35000	33000	34300	34600	27200	32800	27300	16400	21700	
15	36300	35300	35700	35200	33600	34500	32400	23700	29300	26300	16500	21300	
16	35900	34300	35000	35500	32500	34100	30200	22500	26900	26400	17000	21600	
17	34900	34000	34400	36300	32800	35100	30200	21800	26400	27600	18000	22100	
18	35000	33800	34500	36000	34600	35100	29800	22200	26300	25900	18200	21600	
19	35000	33900	34600	36200	34100	35000	29300	22200	26000	26700	19000	22500	
20	35100	34300	34800	36300	34200	35000	29100	22500	25800	28800	20400	24000	
21	35400	34100	34800	35900	32400	34200	28800	22800	25700	29100	21200	24700	
22	35400	33800	34700	35900	34400	35000	29500	22900	25900	28400	21700	24700	
23	35400	33800	34800	36000	33900	35100	29800	23600	26400	28300	22200	24800	
24	35100	34000	34600	35900	32600	34700	30400	23600	26700	29400	22600	25600	
25	34800	34000	34500	35900	34300	35000	30700	24000	27000	30000	22900	26300	
26	34800	33500	34600	36500	33600	35200	30800	23800	27000	30200	23400	26600	
27	35200	34100	34700	36900	34700	35500	31900	23700	27600	29300	23600	26600	
28	34900	33900	34600	37100	34500	35600	33200	24500	28400	27500	23700	25500	
29	35200	33200	34300	36700	34400	35500	28900	16500	23900	27100	23700	25400	
30	36400	34400	35300	36800	34500	35500	21100	11600	17200	27500	23700	25500	
31	---	---	---	37100	34600	35700	20000	11100	16000	---	---	---	
MONTH	---	---	---	37400	30800	34700	37600	11100	30100	30200	11200	21700	

WANDO RIVER BASIN

021720696 WANDO RIVER AT CAINHOY, SC--Continued

Temperature, water, degrees Celsius

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	---	---	---	17.9	17.1	17.5	23.6	23.1	23.3
2	---	---	---	---	---	---	17.5	16.6	17.1	23.5	23.0	23.3
3	---	---	---	---	---	---	17.4	16.4	16.8	23.6	22.6	23.2
4	---	---	---	---	---	---	17.5	16.6	17.0	23.0	22.1	22.4
5	---	---	---	---	---	---	17.3	16.3	16.8	22.8	21.7	22.3
6	---	---	---	---	---	---	17.5	16.4	16.9	23.7	22.1	22.8
7	---	---	---	---	---	---	18.3	16.7	17.3	25.0	22.9	23.7
8	---	---	---	---	---	---	18.8	17.6	18.0	26.0	23.7	24.6
9	---	---	---	---	---	---	19.8	18.0	18.6	26.5	24.5	25.2
10	---	---	---	---	---	---	20.6	18.6	19.3	26.3	25.0	25.4
11	---	---	---	---	---	---	21.6	19.5	20.3	26.3	25.2	25.6
12	---	---	---	---	---	---	21.7	20.3	20.9	26.4	25.5	25.9
13	---	---	---	---	---	---	21.7	20.8	21.2	26.6	25.8	26.2
14	---	---	---	---	---	---	21.3	19.3	20.0	26.8	26.0	26.4
15	---	---	---	---	---	---	19.5	18.6	19.2	27.1	26.3	26.7
16	---	---	---	---	---	---	19.8	18.7	19.2	27.1	26.5	26.8
17	---	---	---	---	---	---	20.3	19.1	19.6	27.3	26.5	26.9
18	---	---	---	---	---	---	20.8	19.7	20.2	27.5	26.6	27.0
19	---	---	---	17.6	16.3	17.0	21.5	20.3	20.8	27.6	26.7	27.1
20	---	---	---	17.8	16.4	17.1	---	---	---	27.8	26.8	27.3
21	---	---	---	18.5	16.8	17.5	---	---	---	28.1	26.9	27.5
22	---	---	---	17.5	16.2	16.8	---	---	---	28.2	27.2	27.6
23	---	---	---	16.4	15.4	15.9	---	---	---	28.0	27.2	27.6
24	---	---	---	16.1	15.2	15.6	---	---	---	28.4	27.1	27.6
25	---	---	---	16.7	15.5	16.0	---	---	---	28.7	27.4	27.9
26	---	---	---	17.6	16.2	16.7	---	---	---	28.8	27.8	28.1
27	---	---	---	18.4	16.9	17.4	---	---	---	28.7	28.0	28.2
28	---	---	---	18.4	17.6	18.0	---	---	---	28.6	27.9	28.2
29	---	---	---	18.4	17.6	17.9	---	---	---	---	---	---
30	---	---	---	18.0	17.6	17.8	---	---	---	---	---	---
31	---	---	---	18.2	17.5	17.9	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---
DAY	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	29.4	28.7	29.0	30.2	29.6	29.9	27.5	26.7	27.0
2	28.7	27.6	28.0	29.3	28.6	28.9	30.3	29.4	29.8	27.7	26.9	27.2
3	28.6	27.9	28.2	29.5	28.1	28.9	30.9	29.3	29.9	27.8	26.7	27.1
4	28.2	27.2	27.7	30.3	28.7	29.4	31.7	29.9	30.5	28.2	26.9	27.3
5	28.2	26.8	27.4	30.9	29.3	29.9	32.1	30.5	31.0	27.6	27.2	27.4
6	28.9	27.4	27.9	31.8	30.0	30.6	31.2	30.0	30.7	27.3	26.6	27.0
7	29.5	27.8	28.3	32.4	30.6	31.2	30.0	29.1	29.5	26.9	26.4	26.7
8	29.5	28.3	28.7	32.2	31.0	31.3	29.3	28.5	29.0	27.1	26.6	26.9
9	29.8	28.6	29.0	31.7	31.0	31.3	29.0	28.5	28.8	27.7	26.8	27.2
10	29.7	28.9	29.2	31.4	31.0	31.2	28.8	28.3	28.6	27.6	27.4	27.5
11	29.7	29.1	29.4	31.5	30.9	31.2	28.7	28.3	28.5	27.6	27.0	27.3
12	29.8	29.1	29.4	31.3	30.8	31.1	28.6	28.1	28.4	27.0	26.6	26.8
13	29.4	27.9	28.9	31.3	30.6	30.9	28.2	27.1	27.7	26.6	26.2	26.4
14	28.5	27.8	28.2	31.4	30.6	30.9	27.4	26.0	27.1	26.2	25.8	25.9
15	28.3	27.7	28.1	31.4	30.6	31.0	27.1	26.2	26.7	25.8	25.4	25.6
16	28.0	27.7	27.9	31.1	30.3	30.7	27.4	26.2	26.8	26.6	25.4	26.0
17	28.2	27.7	27.9	31.0	30.4	30.6	27.4	26.7	27.1	27.3	26.2	26.6
18	28.9	27.7	28.2	30.5	29.8	30.1	28.2	27.0	27.5	27.2	26.1	26.5
19	29.5	28.3	28.8	30.3	29.2	29.7	29.0	27.7	28.2	26.5	25.4	26.0
20	29.8	28.9	29.3	30.4	29.4	30.0	29.8	28.4	28.9	25.5	24.4	24.8
21	29.5	28.8	29.1	30.6	29.7	30.1	29.9	28.9	29.2	24.4	23.5	24.0
22	29.9	28.7	29.2	31.1	30.0	30.4	29.7	28.9	29.3	24.5	23.5	24.0
23	29.9	29.0	29.4	31.4	30.3	30.7	29.3	29.0	29.1	24.6	23.8	24.2
24	29.9	29.0	29.4	31.1	30.6	30.8	29.5	28.6	29.0	24.5	24.1	24.3
25	30.3	29.3	29.6	30.8	30.3	30.5	29.2	28.7	29.0	24.6	24.0	24.3
26	30.0	29.4	29.7	31.0	30.2	30.6	29.1	28.3	28.7	24.3	24.1	24.2
27	30.2	29.4	29.7	31.2	30.6	30.9	28.5	27.9	28.3	25.1	24.2	24.5
28	29.9	29.4	29.7	31.3	30.7	31.0	28.1	27.6	27.9	25.8	24.6	25.1
29	30.0	29.3	29.7	30.9	30.1	30.6	27.7	25.0	26.3	26.2	25.0	25.5
30	30.1	28.8	29.5	30.8	30.0	30.3	26.2	24.4	25.4	26.1	25.5	25.7
31	---	---	---	30.6	29.9	30.2	27.1	25.8	26.4	---	---	---
MONTH	---	---	---	32.4	28.1	30.5	32.1	24.4	28.5	28.2	23.5	26.0

021720696 WANDO RIVER AT CAINHOY, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	---	---	---	8.2	7.6	7.9	---	---	---
2	---	---	---	---	---	---	8.2	7.7	8.0	---	---	---
3	---	---	---	---	---	---	8.3	7.8	8.0	---	---	---
4	---	---	---	---	---	---	8.2	7.6	8.0	---	---	---
5	---	---	---	---	---	---	8.1	7.6	7.9	---	---	---
6	---	---	---	---	---	---	8.0	7.4	7.8	6.1	5.4	5.8
7	---	---	---	---	---	---	7.9	7.3	7.6	6.0	5.2	5.7
8	---	---	---	---	---	---	7.7	6.9	7.3	5.9	5.1	5.6
9	---	---	---	---	---	---	7.4	6.6	7.1	5.9	5.0	5.6
10	---	---	---	---	---	---	7.3	6.5	7.0	5.9	5.1	5.6
11	---	---	---	---	---	---	7.1	6.2	6.8	5.8	4.9	5.5
12	---	---	---	---	---	---	6.8	6.1	6.6	6.0	4.8	5.4
13	---	---	---	---	---	---	6.5	5.8	6.3	6.0	4.9	5.5
14	---	---	---	---	---	---	6.7	6.1	6.4	6.1	4.9	5.5
15	---	---	---	---	---	---	6.9	6.3	6.5	6.2	5.0	5.6
16	---	---	---	---	---	---	6.9	6.3	6.6	6.1	4.5	5.5
17	---	---	---	---	---	---	6.8	6.2	6.5	6.1	4.8	5.4
18	---	---	---	---	---	---	6.5	6.1	6.3	6.2	4.7	5.4
19	---	---	---	8.6	7.7	8.2	6.3	5.5	6.1	6.4	4.8	5.5
20	---	---	---	8.4	7.7	8.2	---	---	---	6.7	4.8	5.7
21	---	---	---	8.3	7.5	8.0	---	---	---	7.0	5.0	6.0
22	---	---	---	8.5	7.6	8.1	---	---	---	6.9	5.5	6.3
23	---	---	---	8.6	7.9	8.3	---	---	---	6.7	5.4	6.1
24	---	---	---	8.7	8.1	8.4	---	---	---	6.7	5.5	6.1
25	---	---	---	8.7	8.2	8.5	---	---	---	6.9	5.2	6.3
26	---	---	---	8.6	8.1	8.4	---	---	---	7.0	5.8	6.5
27	---	---	---	8.6	8.0	8.3	---	---	---	6.9	5.9	6.5
28	---	---	---	8.3	7.7	8.1	---	---	---	6.8	5.9	6.4
29	---	---	---	8.3	7.4	8.0	---	---	---	---	---	---
30	---	---	---	8.3	7.3	7.9	---	---	---	---	---	---
31	---	---	---	8.2	7.3	7.8	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	---	---	---	5.1	4.0	4.6	4.9	3.3	4.2	4.5	3.2	3.8
2	5.3	4.3	4.8	5.0	3.6	4.3	5.1	3.6	4.3	4.2	2.9	3.7
3	5.0	3.9	4.5	5.2	3.7	4.5	5.1	3.0	4.4	4.3	3.1	3.8
4	4.9	3.8	4.4	5.5	3.6	4.7	5.1	3.6	4.4	4.7	3.3	4.1
5	5.0	3.8	4.5	6.2	3.9	5.2	5.7	3.5	4.6	5.3	3.4	4.4
6	5.1	3.9	4.7	6.6	4.3	5.7	5.8	3.5	4.9	5.4	4.3	4.8
7	5.4	4.0	4.8	6.6	4.5	5.9	6.2	4.5	5.3	5.5	4.7	5.1
8	5.6	4.3	5.0	6.7	4.6	5.8	6.4	4.8	5.5	6.1	4.6	5.4
9	6.1	4.4	5.3	6.1	4.7	5.5	6.2	4.6	5.4	6.1	4.7	5.3
10	6.3	4.6	5.5	5.6	4.1	5.0	6.2	4.7	5.4	5.7	4.2	5.0
11	6.4	4.7	5.6	5.6	4.1	4.8	5.5	4.6	5.1	5.5	3.9	4.8
12	6.6	4.9	5.8	5.3	3.9	4.7	5.1	4.4	4.8	5.6	4.0	4.8
13	6.0	4.6	5.5	5.9	4.1	5.0	4.7	4.2	4.5	5.4	4.0	4.8
14	6.5	4.5	5.6	6.4	4.4	5.4	5.1	3.6	4.5	5.4	3.9	4.7
15	6.9	5.2	5.9	6.5	5.0	5.7	4.4	4.0	4.2	5.1	3.7	4.4
16	6.5	5.0	5.9	6.3	4.4	5.6	4.2	3.5	3.9	4.7	3.6	4.2
17	7.0	5.0	6.0	6.3	4.4	5.5	4.0	3.3	3.7	5.7	4.0	5.0
18	7.3	5.2	6.2	5.7	4.3	5.1	4.0	3.1	3.6	5.7	5.1	5.4
19	7.3	5.5	6.5	6.2	4.0	5.0	4.3	3.2	3.7	6.0	5.0	5.6
20	7.1	5.2	6.3	6.6	4.3	5.4	4.5	3.2	3.9	6.4	5.3	6.0
21	6.8	4.7	5.7	6.5	4.8	5.7	4.8	3.5	4.3	6.7	5.6	6.2
22	5.7	4.6	5.2	6.0	4.7	5.4	5.5	3.6	4.5	6.6	5.5	6.1
23	5.6	4.4	5.2	5.2	3.8	4.7	5.1	3.0	4.4	6.4	5.2	5.8
24	6.0	4.8	5.4	5.2	3.8	4.3	6.0	3.7	4.8	6.2	4.9	5.6
25	6.3	5.2	5.7	4.8	3.5	4.1	6.5	4.0	5.1	6.2	4.9	5.6
26	6.4	5.2	5.9	5.7	3.5	4.4	6.0	3.5	4.9	6.2	5.0	5.8
27	6.3	5.2	5.8	6.0	3.5	4.8	5.3	3.2	4.4	6.4	5.2	6.0
28	6.2	5.0	5.7	5.7	3.9	4.9	4.9	3.3	4.2	6.6	5.6	6.3
29	6.3	4.5	5.4	5.3	3.4	4.5	6.0	3.6	5.2	6.2	5.3	6.0
30	5.6	4.2	4.9	5.2	3.6	4.4	5.4	4.5	5.1	6.0	5.2	5.6
31	---	---	---	5.0	3.4	4.3	4.9	3.6	4.3	---	---	---
MONTH	---	---	---	6.7	3.4	5.0	6.5	3.0	4.6	6.7	2.9	5.1

021720698 WANDO RIVER ABOVE MOUNT PLEASANT, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water year 1992 to 1995, 1997 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE (TOP): July 1992 to September 1995, April 2004 to September 2004.

SPECIFIC CONDUCTANCE (MIDDLE): April 2004 to current year.

SPECIFIC CONDUCTANCE (BOTTOM): February 1993 to September 1994, April 2004 to September 2004.

WATER TEMPERATURE (TOP): July 1992 to September 1995, April 2004 to September 2004.

WATER TEMPERATURE (MIDDLE): April 1997 to current year.

WATER TEMPERATURE (BOTTOM): February 1993 to September 1994, April 2004 to September 2004.

DISSOLVED OXYGEN (TOP): July 1992 to September 1995, April 2004 to September 2004.

DISSOLVED OXYGEN (MIDDLE): April 1997 to current year.

DISSOLVED OXYGEN (BOTTOM): February 1993 to September 1994. to current year.

INSTRUMENTATION.--Water-quality multiprobe and data collection platform.

REMARKS.--Specific conductance (Top) records rated good. Specific conductance (Middle) records rated good. Specific conductance (Bottom) records rated good. Temperature (Top) records rated excellent. Temperature (Middle) records rated excellent. Temperature (Bottom) records rated excellent. Dissolved oxygen (Top) records rated fair except for May 22-24, Aug. 4, 19-25, which are poor. Dissolved oxygen (Middle) records rated fair except for Oct. 14-16, Nov. 25 to Dec. 1, Dec. 21 to Jan. 3, Mar. 26 to Apr. 9, July 6-8, 11-18, July 25 to Aug. 4, which are poor. Prior to October 3, 2003 dissolved oxygen concentrations are not corrected for salinity.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE (TOP): Maximum, 44,600 microsiemens, July 31, 2004; minimum, 5,280 microsiemens, Oct. 14, 1994.

SPECIFIC CONDUCTANCE (MIDDLE): Maximum, 45,900 microsiemens, Nov. 15, 2001; minimum, 15,000 microsiemens, Feb. 21, 1998.

SPECIFIC CONDUCTANCE (BOTTOM): Maximum, 44,400 microsiemens, Aug. 2, 2004; minimum, 17,300 microsiemens, Apr. 7, 1993.

WATER TEMPERATURE (TOP): Maximum, 32.5°C, Aug. 17, 18, 1995; minimum, 6.0°C, Jan. 21-23, 1994.

WATER TEMPERATURE (MIDDLE): Maximum, 33.0°C, Aug. 1, 1999; minimum, 5.0°C, Jan. 3-5, 2001.

WATER TEMPERATURE (BOTTOM): Maximum, 32.5°C, July 10, 1993; minimum, 6.0°C, Jan. 22, 23, 1994.

DISSOLVED OXYGEN (TOP): Maximum, 13.0 mg/L, Jan. 26, 1994; minimum, 2.3 mg/L, Aug. 27, 1992.

DISSOLVED OXYGEN (MIDDLE): Maximum, 12.7 mg/L, Jan. 11, 2001; minimum, 3.1 mg/L, Jul. 25, Aug. 14, 15, 19, 2004.

DISSOLVED OXYGEN (BOTTOM): Maximum, 12.8 mg/L, Jan. 26, 1994; minimum, 2.3 mg/L, Aug. 5, 6, 1994.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE (TOP): Maximum, 44,600 microsiemens, July 31; minimum, 21,500 microsiemens, Aug. 31.

SPECIFIC CONDUCTANCE (MIDDLE): Maximum, 43,200 microsiemens, Mar. 30, July 31; minimum, 22,700 microsiemens, Aug. 31.

SPECIFIC CONDUCTANCE (BOTTOM): Maximum, 44,400 microsiemens, Aug. 2; minimum, 23,200 microsiemens, Aug. 30, but may have been lower during periods of missing record.

WATER TEMPERATURE (TOP): Maximum, 31.4°C, July 11; minimum, 17.1°C, Apr. 10.

WATER TEMPERATURE (MIDDLE): Maximum, 31.1°C, July 7, 9, 11; minimum, 7.4°C, Jan. 29.

WATER TEMPERATURE (BOTTOM): Maximum, 31.1°C, July 7, 9; minimum, 17.1°C, Apr. 9, 10.

DISSOLVED OXYGEN (TOP): Maximum, 9.2 mg/L, July 22; minimum, 3.2 mg/L, Aug. 19.

DISSOLVED OXYGEN (MIDDLE): Maximum, 11.0 mg/L, Mar. 1, 2; minimum, 3.1 mg/L, Aug. 14, 15, 19.

021720698 WANDO RIVER ABOVE MOUNT PLEASANT, SC--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	40100	34800	36200	39100	34200	35700	39000	33600	35100	39200	35600	37100
2	40100	34500	36200	38800	34800	35900	40000	35400	36600	39800	36200	37300
3	38900	34500	36300	38900	35200	36500	39200	36400	37500	---	---	---
4	38600	34000	35800	38000	35000	36300	41000	36600	38500	---	---	---
5	37600	34000	35200	37700	34800	35900	40200	36600	38300	---	---	---
6	37600	34100	35300	37400	34000	35500	40900	36700	38400	---	---	---
7	---	---	---	37300	34400	35400	---	---	---	40400	36600	38400
8	37600	33900	35300	38000	34700	35800	---	---	---	---	---	---
9	38200	34000	35500	38900	35200	36500	41100	37700	38700	---	---	---
10	38800	33900	35800	39500	35500	36900	40600	37700	38600	---	---	---
11	---	---	---	39200	35500	36600	38700	36500	37500	---	---	---
12	---	---	---	38400	35000	36200	40500	36200	37700	---	---	---
13	---	---	---	37800	34600	36000	39700	36500	37800	---	---	---
14	---	---	---	40700	35300	36500	41600	37100	38400	---	---	---
15	---	---	---	39400	35000	36600	39400	36700	37800	---	---	---
16	40600	34100	35700	40400	35000	36500	41000	36100	37800	---	---	---
17	39300	34400	35700	40100	35300	36700	40100	35000	37400	---	---	---
18	41000	34600	36300	39700	35600	36900	41200	36200	37500	---	---	---
19	41600	35200	37000	39700	35400	37000	39600	36400	37200	---	---	---
20	40100	35400	37000	39200	35600	37100	38500	36500	37400	---	---	---
21	39500	35600	37400	40400	35900	37700	41100	36900	37700	---	---	---
22	40100	35500	37500	40600	35800	37600	40800	36800	37700	---	---	---
23	40800	35900	38200	41000	36000	37600	41100	36300	37900	---	---	---
24	41300	36200	38500	41400	36000	37600	41600	36400	37700	38000	34800	36100
25	42500	36300	38500	41000	36000	37400	40100	35800	37100	38600	35200	36300
26	41700	36300	38200	41400	35700	37400	40000	36000	37000	38700	35900	36500
27	42100	36500	38100	41000	35400	37100	40100	35700	36800	38700	35500	36500
28	41800	36600	37800	39100	35000	36500	39100	34500	36600	37100	34100	35800
29	40400	35500	36800	36900	33000	35300	38300	35200	36600	37400	33700	35100
30	39400	35000	36300	36300	33000	34600	38100	34700	36200	37800	33400	34600
31	39600	34700	36100	---	---	---	39500	35700	36800	39400	33900	35800
MONTH	---	---	---	41400	33000	36500	---	---	---	---	---	---
DAY	Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius											
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	39600	35800	37700	38800	32100	35300	39600	36700	38200	38200	33800	36400
2	41600	37500	39200	39800	31100	34700	40400	37000	37900	37100	34800	35700
3	42200	36900	38900	39100	32300	35300	39600	36700	37700	36500	34000	35100
4	40300	36900	38500	39200	34100	36000	39100	36900	37700	38900	34000	35200
5	40100	37400	38600	39000	34100	36400	39500	36900	37800	37100	33800	35000
6	39200	37400	38200	38300	34200	35900	40400	36700	37800	38300	33400	34900
7	38200	35600	37200	38100	34000	35700	38800	35600	37200	38500	33700	34900
8	37600	34800	36300	39000	33500	35600	38800	35400	36600	38500	33200	35000
9	38000	34900	36200	40700	33600	36400	38800	34300	36500	38000	32100	34800
10	36900	35000	35800	39500	33900	36500	39400	35000	36600	37600	33400	34900
11	36700	35100	35800	39700	35100	36600	38800	35200	36500	37900	33400	35100
12	37800	34200	35800	39700	35200	36200	---	---	---	37000	33800	35000
13	39500	33800	35900	38500	35400	36100	---	---	---	36500	34200	34900
14	37200	33800	35500	40600	35400	36300	36000	30100	33600	35700	33400	34700
15	38300	34500	35700	39500	34200	35900	35900	29100	33500	35800	32500	34500
16	37700	33200	35300	39600	35100	36100	36400	31800	34500	36600	33100	34400
17	37900	33800	35400	38800	34700	36500	36000	34300	34900	36700	32900	34500
18	36700	33100	34800	40300	35000	37000	36200	33900	34800	36400	32800	34500
19	35800	33000	34300	---	---	---	36400	32700	34700	37100	33200	34600
20	35200	32100	33700	---	---	---	36400	33000	34600	35300	32300	34500
21	34200	30800	32900	---	---	---	36100	32800	34400	35400	31500	34300
22	35600	31400	33200	38900	35400	36500	35400	33400	34400	35700	31400	34000
23	36600	32500	33600	38000	33000	35600	35300	32200	34200	36300	32200	33700
24	37200	33100	34100	38200	33300	35700	35300	31200	33800	35900	32800	34200
25	37100	33600	35100	38900	31300	35200	35600	31800	33800	35400	33600	34300
26	39600	34600	36600	38000	33600	35800	37800	31300	34200	36200	33400	35000
27	39200	34700	36600	38000	31800	34700	37600	32500	35100	37500	33400	35300
28	39200	35400	36600	39800	30100	35000	39800	34600	36700	37100	35000	35900
29	38300	34500	35800	40300	33500	37100	39000	36500	37300	39900	35200	36500
30	---	---	---	43200	37400	39000	38700	35400	37400	40700	35900	37600
31	---	---	---	43100	37100	39100	---	---	---	39600	36100	37800
MONTH	42200	30800	36000	---	---	---	---	---	---	40700	31400	35100

WANDO RIVER BASIN

021720698 WANDO RIVER ABOVE MOUNT PLEASANT, SC--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	40600	36400	37700	42000	36300	38200	43000	36500	38600	---	---	---
2	41800	36600	38200	41200	36100	37700	43000	36700	38700	---	---	---
3	41100	36600	38000	41000	35000	36900	41800	36600	38600	---	---	---
4	41000	36200	37700	41000	34900	36800	41700	36700	38400	---	---	---
5	40600	35100	37200	40700	35100	36600	40400	36800	38300	---	---	---
6	40600	35600	37000	40900	33800	36500	40800	36800	38600	---	---	---
7	40100	35200	37000	40400	34700	36800	41500	36300	39100	---	---	---
8	39600	35200	37100	39700	35300	36800	40700	38200	39200	---	---	---
9	39000	34500	37000	38800	34700	36700	40400	37900	39200	---	---	---
10	38500	35000	37000	39700	34000	36600	41100	36000	39100	---	---	---
11	37200	34800	36600	40200	35600	37100	42300	37600	39300	---	---	---
12	38400	34700	36500	40000	35400	37300	---	---	---	---	---	---
13	40000	35800	37400	39700	35700	37100	---	---	---	---	---	---
14	39400	35900	37300	40100	35600	36900	---	---	---	37200	29500	33600
15	37800	35600	36900	40000	35800	37200	38900	33600	35700	36400	29100	33000
16	36800	30600	35500	41100	36000	37700	39100	33200	35400	---	---	---
17	37400	32700	34900	41500	36400	38100	39000	33100	35500	---	---	---
18	37400	32200	34700	40400	36500	37900	38400	32200	35600	---	---	---
19	39000	32700	34800	40500	36800	37900	37300	33100	34900	---	---	---
20	39800	33800	35900	40400	35900	37800	36500	33300	34500	---	---	---
21	40700	35600	37200	39700	35200	37800	36100	32800	34100	---	---	---
22	39600	36000	37200	40000	37300	38100	37000	32400	34100	36600	30700	33600
23	38000	35400	36500	39900	37000	38300	39000	32900	34900	35200	30600	33000
24	37300	33900	36100	39400	36900	38200	39000	33000	35400	35400	30900	32900
25	37600	35100	36300	39900	35400	38100	40300	33500	36200	36000	31000	33200
26	38500	35100	36500	39700	35100	37900	39600	33300	36100	36200	30800	33200
27	40000	35200	37400	40600	37300	38200	40800	33000	36200	35600	29500	32700
28	40800	36200	37900	40600	36600	38300	41800	33200	36900	32800	28500	30700
29	41500	36600	38300	40900	36700	37900	38100	25200	32700	31300	28200	29400
30	42200	36900	38700	42100	36600	38200	32100	22900	27000	33300	28000	29800
31	---	---	---	43200	36500	38600	30400	22700	---	---	---	---
MONTH	42200	30600	36900	43200	33800	37600	---	---	---	---	---	---

021720698 WANDO RIVER ABOVE MOUNT PLEASANT, SC--Continued

 Temperature, water, degrees Celsius
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	24.6	23.6	24.2	21.6	21.1	21.3	16.5	15.1	15.8	11.0	10.3	10.7			
2	24.2	23.5	23.8	21.5	21.1	21.3	15.9	14.6	15.4	11.0	10.5	10.7			
3	23.7	22.6	23.1	21.4	21.1	21.3	15.4	14.0	14.8	11.3	10.6	10.9			
4	23.2	22.4	22.8	21.9	21.2	21.5	14.6	13.0	14.0	---	---	---			
5	23.2	22.7	22.9	22.3	21.5	21.8	14.0	12.6	13.5	---	---	---			
6	23.2	22.8	23.0	22.8	21.8	22.2	13.5	12.3	13.0	---	---	---			
7	23.1	22.8	23.0	23.1	22.2	22.5	---	---	---	---	---	---			
8	23.4	22.8	23.0	22.9	22.1	22.4	---	---	---	---	---	---			
9	23.4	22.8	23.1	22.1	20.6	21.4	12.7	11.7	12.3	---	---	---			
10	23.2	23.0	23.1	20.6	19.4	20.1	12.9	11.9	12.5	---	---	---			
11	23.0	22.8	22.9	19.9	19.0	19.6	12.7	11.9	12.4	---	---	---			
12	23.2	22.6	22.9	20.1	19.0	19.6	12.5	11.7	12.2	---	---	---			
13	23.7	22.8	23.1	19.8	19.3	19.6	12.5	12.0	12.2	---	---	---			
14	23.9	23.1	23.4	19.4	18.5	19.0	12.3	11.6	12.0	---	---	---			
15	23.5	22.7	23.2	19.1	18.2	18.7	12.1	11.1	11.7	---	---	---			
16	23.1	22.3	22.9	19.4	18.2	18.7	11.9	11.3	11.7	---	---	---			
17	23.0	22.5	22.8	19.3	18.5	18.9	12.0	11.2	11.8	---	---	---			
18	22.8	22.5	22.6	19.5	18.9	19.2	11.7	10.7	11.3	---	---	---			
19	22.5	21.8	22.3	19.6	19.1	19.4	11.5	10.2	10.8	---	---	---			
20	22.7	22.0	22.3	19.4	18.7	19.0	10.8	9.3	10.3	---	---	---			
21	22.4	22.0	22.3	19.0	18.3	18.7	10.3	9.0	9.7	---	---	---			
22	22.2	21.9	22.1	18.8	18.2	18.5	10.0	8.8	9.5	---	---	---			
23	21.9	21.1	21.6	18.7	18.0	18.4	10.1	8.9	9.7	---	---	---			
24	21.5	20.7	21.2	18.8	18.0	18.5	10.6	9.5	10.2	9.9	9.3	9.6			
25	21.2	20.5	20.9	18.6	18.0	18.3	10.4	10.1	10.3	9.8	9.4	9.7			
26	21.3	20.6	21.1	18.4	17.7	18.1	10.5	9.9	10.2	9.6	8.9	9.3			
27	21.5	21.1	21.3	18.7	17.8	18.3	10.6	10.1	10.3	9.3	8.4	8.9			
28	21.5	21.3	21.4	18.8	18.3	18.5	10.6	10.1	10.3	9.1	7.9	8.4			
29	21.6	20.9	21.3	18.4	16.5	17.5	10.5	10.3	10.4	8.8	7.4	8.4			
30	21.7	21.1	21.3	17.4	15.7	16.5	11.0	10.4	10.6	8.7	7.5	8.3			
31	21.7	21.0	21.3	---	---	---	10.9	10.5	10.7	8.7	7.9	8.3			
MONTH	24.6	20.5	22.5	23.1	15.7	19.6	---	---	---	---	---	---			

DAY	MAX	MIN	MEAN	FEBRUARY			MARCH			APRIL			MAY		
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	8.5	7.7	8.1	10.9	9.3	10.1	16.9	16.2	16.4	22.4	21.3	21.8			
2	8.3	7.5	8.0	11.7	9.5	10.7	16.6	15.8	16.1	22.6	21.4	22.0			
3	8.7	8.2	8.5	12.3	10.0	11.1	16.2	15.7	16.0	22.9	21.7	22.1			
4	8.8	8.3	8.6	13.1	10.5	11.6	16.5	15.8	16.1	22.3	21.2	21.7			
5	8.9	8.5	8.7	13.9	11.2	12.4	16.5	15.7	16.1	22.1	21.1	21.5			
6	10.4	8.9	9.4	15.0	12.2	13.4	16.8	15.9	16.2	22.7	21.3	21.8			
7	11.1	9.7	10.4	15.4	12.8	13.9	17.4	16.1	16.6	23.8	21.7	22.5			
8	10.7	9.6	10.1	15.4	12.9	14.0	17.9	16.5	17.0	24.5	22.3	23.1			
9	10.2	9.6	9.8	14.6	12.8	13.5	18.5	16.7	17.5	24.8	22.7	23.6			
10	10.2	9.6	9.9	14.1	12.6	13.2	19.1	17.1	18.0	24.9	23.1	24.0			
11	10.3	9.7	10.0	13.8	12.6	13.1	20.1	17.6	18.7	25.1	23.4	24.2			
12	10.0	9.7	9.9	14.1	12.6	13.2	20.5	18.2	19.3	25.4	23.7	24.5			
13	10.3	9.6	9.9	14.0	12.8	13.3	20.7	18.7	19.6	25.6	24.0	24.8			
14	10.1	9.7	9.9	14.4	12.8	13.5	19.6	17.9	18.9	25.8	24.4	25.1			
15	10.1	9.7	9.9	15.1	13.1	14.1	18.8	17.7	18.3	26.0	24.7	25.3			
16	10.0	9.6	9.8	15.6	13.6	14.5	18.8	17.8	18.3	26.2	24.9	25.5			
17	9.9	9.1	9.4	15.6	14.0	14.6	19.0	18.0	18.6	26.4	25.0	25.7			
18	9.2	8.7	9.0	15.6	14.1	14.7	19.8	18.4	19.0	26.6	25.2	25.8			
19	9.7	8.7	9.1	16.3	14.4	15.1	20.4	18.9	19.5	26.6	25.4	26.0			
20	10.1	9.1	9.4	16.2	14.8	15.4	21.2	19.3	19.9	26.8	25.7	26.2			
21	11.1	9.6	10.1	17.1	15.2	15.9	21.2	19.6	20.2	27.4	25.9	26.4			
22	11.6	10.0	10.5	16.4	14.9	15.6	22.0	20.0	20.7	27.4	26.1	26.6			
23	11.3	10.3	10.8	15.3	14.8	15.0	22.5	20.4	21.3	27.2	26.3	26.6			
24	11.5	10.7	11.0	15.2	14.6	14.9	23.2	21.0	21.8	27.4	26.2	26.7			
25	11.4	10.6	10.9	15.9	14.7	15.1	23.4	21.3	22.2	27.7	26.5	26.9			
26	10.7	10.1	10.3	16.5	14.9	15.6	23.2	21.4	22.4	27.6	26.5	27.0			
27	10.3	9.3	9.7	17.6	15.4	16.2	23.0	21.8	22.4	27.6	26.6	27.1			
28	9.9	8.7	9.3	17.3	15.8	16.6	22.3	21.4	21.9	27.7	26.7	27.1			
29	10.2	9.1	9.6	17.4	16.0	16.5	22.1	21.3	21.7	27.7	26.6	27.1			
30	---	---	---	17.1	16.0	16.5	22.3	21.2	21.8	27.8	26.6	27.2			
31	---	---	---	17.1	16.1	16.6	---	---	---	27.8	26.9	27.3			
MONTH	11.6	7.5	9.7	17.6	9.3	14.2	23.4	15.7	19.1	27.8	21.1	24.9			

WANDO RIVER BASIN

021720698 WANDO RIVER ABOVE MOUNT PLEASANT, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	27.8	26.9	27.3	29.0	28.6	28.8	29.9	29.5	29.7	---	---	---
2	27.7	26.9	27.3	28.9	28.6	28.7	29.8	29.3	29.5	---	---	---
3	28.0	27.1	27.5	29.0	28.3	28.7	30.0	29.2	29.5	---	---	---
4	27.6	27.0	27.3	29.6	28.6	28.9	30.5	29.4	29.8	---	---	---
5	27.6	26.7	27.1	30.1	28.8	29.2	30.9	29.7	30.2	---	---	---
6	28.1	27.1	27.4	30.6	29.1	29.7	30.6	29.6	30.1	---	---	---
7	28.5	27.2	27.7	31.1	29.5	30.1	29.7	29.0	29.3	---	---	---
8	28.8	27.5	28.1	31.0	29.7	30.4	29.2	28.6	28.9	---	---	---
9	29.1	27.6	28.3	31.1	29.9	30.6	28.9	28.4	28.7	---	---	---
10	29.2	27.9	28.5	30.8	30.1	30.5	28.9	28.2	28.5	---	---	---
11	29.2	28.3	28.8	31.1	30.0	30.5	28.6	28.2	28.4	---	---	---
12	29.2	28.5	28.9	30.8	30.1	30.4	---	---	---	---	---	---
13	29.0	28.2	28.5	30.9	30.0	30.3	---	---	---	---	---	---
14	28.2	27.8	28.1	30.8	29.9	30.3	---	---	---	26.2	25.9	26.1
15	28.0	27.7	27.9	30.7	30.0	30.3	27.4	26.9	27.2	25.9	25.7	25.8
16	27.9	27.4	27.8	30.5	29.6	30.1	27.7	26.9	27.1	---	---	---
17	28.0	27.5	27.7	30.4	29.8	30.1	27.5	27.1	27.3	---	---	---
18	29.3	27.6	28.0	30.0	29.4	29.7	28.1	27.2	27.6	---	---	---
19	29.0	27.9	28.3	29.9	29.3	29.6	28.7	27.7	28.1	---	---	---
20	29.0	28.2	28.6	30.1	29.4	29.7	29.2	28.0	28.5	---	---	---
21	28.7	28.3	28.5	30.3	29.4	29.8	29.3	28.4	28.8	---	---	---
22	29.1	28.3	28.6	30.5	29.5	30.0	29.4	28.4	28.8	24.6	23.9	24.3
23	29.2	28.5	28.8	30.6	29.7	30.1	29.0	28.4	28.7	24.7	24.2	24.4
24	29.3	28.4	28.7	30.6	29.7	30.2	29.0	28.3	28.7	24.7	24.2	24.4
25	29.4	28.5	28.9	30.4	29.6	30.1	28.9	28.4	28.6	24.4	24.1	24.2
26	29.2	28.7	28.9	30.8	29.8	30.2	28.9	28.3	28.5	24.3	24.1	24.2
27	29.4	28.5	28.9	30.7	29.7	30.3	28.4	28.1	28.2	24.7	24.2	24.4
28	29.2	28.4	28.9	30.9	29.9	30.3	28.1	27.7	27.9	25.2	24.4	24.8
29	29.4	28.6	29.0	30.6	29.9	30.1	27.7	25.6	26.7	25.5	24.7	25.0
30	29.4	28.7	29.0	30.2	29.6	29.9	26.9	25.4	26.2	25.6	25.0	25.2
31	---	---	---	30.2	29.7	29.9	---	---	---	---	---	---
MONTH	29.4	26.7	28.2	31.1	28.3	29.9	---	---	---	---	---	---

021720698 WANDO RIVER ABOVE MOUNT PLEASANT, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	6.3	5.7	6.1	7.8	7.2	7.6	10.2	8.5	9.4
2	---	---	---	6.4	5.8	6.1	8.1	7.1	7.6	10.5	8.6	9.4
3	---	---	---	6.4	5.9	6.1	8.1	7.4	7.8	---	---	---
4	6.3	5.8	6.0	6.3	5.8	6.0	8.2	7.6	7.8	---	---	---
5	6.3	5.8	6.0	6.1	5.5	5.8	8.1	7.6	7.9	---	---	---
6	6.5	5.5	5.8	6.1	5.4	5.7	8.3	7.6	8.0	---	---	---
7	6.2	5.4	5.8	5.9	5.5	5.7	---	---	---	9.0	8.3	8.7
8	6.2	5.4	5.7	6.0	5.4	5.7	---	---	---	---	---	---
9	6.2	5.5	5.8	6.3	5.7	6.1	8.8	8.0	8.4	---	---	---
10	6.2	5.6	5.9	6.7	6.2	6.4	8.7	8.0	8.4	---	---	---
11	6.4	5.6	5.9	6.8	6.3	6.6	9.0	8.1	8.5	---	---	---
12	6.5	5.5	5.9	7.0	6.3	6.6	9.2	8.1	8.6	---	---	---
13	6.5	5.6	5.9	7.2	6.4	6.8	9.3	8.1	8.7	---	---	---
14	6.8	5.6	6.0	7.4	6.2	6.9	8.9	8.1	8.4	---	---	---
15	6.9	5.8	6.3	6.5	5.4	6.0	9.3	7.9	8.5	---	---	---
16	6.6	5.8	6.1	6.3	5.3	5.8	9.2	7.9	8.4	---	---	---
17	6.6	5.8	6.2	6.5	5.3	5.9	8.7	7.8	8.2	---	---	---
18	6.7	5.8	6.2	6.3	5.4	6.0	9.1	7.7	8.2	---	---	---
19	6.6	5.7	6.2	6.1	5.4	5.8	9.3	7.6	8.3	---	---	---
20	6.7	5.7	6.3	6.1	5.5	5.8	9.3	7.7	8.6	---	---	---
21	6.7	5.6	6.2	6.1	5.6	5.9	9.7	8.0	8.8	---	---	---
22	6.7	5.8	6.3	6.2	5.7	6.0	9.6	8.1	8.8	---	---	---
23	6.8	5.9	6.3	6.2	5.8	6.0	9.9	8.3	9.0	---	---	---
24	6.8	6.0	6.3	6.3	5.8	6.1	9.6	8.4	8.9	9.9	9.3	9.6
25	6.6	6.1	6.3	6.7	5.9	6.3	10.0	8.4	9.0	9.8	9.2	9.6
26	6.5	5.9	6.2	6.7	6.3	6.5	10.1	8.4	9.1	9.6	9.1	9.4
27	6.2	5.7	6.0	6.8	6.4	6.6	10.3	8.5	9.3	9.8	9.1	9.5
28	6.0	5.5	5.7	7.0	6.3	6.7	10.0	8.5	9.4	10.5	9.2	9.7
29	6.0	5.6	5.8	7.6	6.6	7.1	10.3	8.5	9.4	10.4	9.4	9.9
30	6.2	5.6	5.8	7.8	6.9	7.3	10.3	8.7	9.4	10.4	9.3	10.0
31	6.3	5.5	5.9	---	---	---	10.4	8.5	9.4	10.9	9.4	10.1
MONTH	---	---	---	7.8	5.3	6.2	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	10.4	9.5	10.0	11.0	9.5	10.3	8.2	7.3	7.8	6.6	5.0	5.8
2	10.2	9.3	9.9	11.0	9.5	10.4	8.0	7.2	7.6	6.0	5.0	5.7
3	10.2	9.4	9.9	10.9	9.5	10.3	7.8	7.2	7.5	6.1	4.6	5.6
4	10.2	9.4	9.9	10.7	9.4	10.2	7.7	7.0	7.4	6.2	5.1	5.7
5	10.2	9.4	9.9	10.5	9.3	10.0	7.9	7.1	7.5	6.1	4.9	5.7
6	10.0	9.4	9.8	10.1	9.1	9.6	7.9	7.0	7.4	6.0	5.1	5.6
7	9.9	9.3	9.5	9.5	8.7	9.2	7.7	6.9	7.3	6.0	4.6	5.3
8	10.3	9.2	9.6	9.3	8.4	8.8	7.4	6.8	7.1	5.5	4.5	5.1
9	10.0	9.4	9.7	9.2	8.2	8.7	7.4	6.6	7.1	5.6	4.5	5.2
10	10.2	9.5	9.8	9.0	8.0	8.5	7.4	6.9	7.1	5.7	4.5	5.2
11	10.3	9.5	9.9	8.6	7.9	8.3	7.4	6.9	7.1	5.7	4.6	5.2
12	10.2	9.5	9.9	8.5	7.7	8.1	---	---	---	5.6	4.7	5.2
13	10.2	9.4	9.9	8.5	7.7	8.2	---	---	---	5.8	4.5	5.3
14	10.1	9.5	9.8	8.8	7.7	8.2	7.3	6.7	7.0	6.2	4.4	5.4
15	9.8	9.3	9.6	8.5	7.8	8.2	7.5	6.7	7.0	5.9	4.8	5.4
16	10.0	9.4	9.7	8.3	7.7	8.0	7.4	6.7	7.0	6.3	4.4	5.3
17	10.1	9.4	9.7	8.2	7.6	7.9	7.4	6.5	6.9	6.0	4.3	5.2
18	10.2	9.5	9.9	8.2	7.6	7.9	7.5	6.4	7.0	6.0	4.1	5.2
19	10.3	9.5	10.0	8.8	7.5	8.1	7.5	6.1	6.9	6.0	4.2	5.2
20	10.5	9.7	10.0	8.8	7.5	8.2	7.6	6.3	6.9	6.1	4.2	5.2
21	10.3	9.6	10.0	8.5	7.3	8.0	7.6	6.3	7.0	6.5	4.0	5.2
22	10.6	9.5	10.0	8.3	7.4	7.7	7.7	5.8	6.9	6.7	4.5	5.6
23	10.5	9.3	10.1	8.9	7.4	7.9	8.0	5.5	7.0	6.6	4.7	5.7
24	10.2	9.4	9.9	8.7	7.6	7.9	8.2	6.2	7.2	6.8	4.5	5.6
25	10.0	9.3	9.8	8.3	7.4	7.9	8.1	5.9	7.0	7.3	4.3	6.0
26	10.1	9.2	9.7	8.3	7.6	7.9	7.6	5.8	6.8	7.4	4.7	6.2
27	10.2	9.2	9.7	8.5	7.6	8.0	7.4	5.2	6.4	7.5	5.3	6.2
28	10.6	9.2	9.9	8.6	7.6	8.0	7.5	5.5	6.6	7.4	5.3	6.2
29	10.9	9.5	10.3	8.7	7.5	8.1	7.0	5.6	6.3	7.4	4.9	5.9
30	---	---	---	8.3	7.4	7.9	7.2	5.4	6.2	7.1	4.9	5.9
31	---	---	---	8.0	7.4	7.7	---	---	---	6.7	4.8	5.6
MONTH	10.9	9.2	9.9	11.0	7.3	8.5	---	---	---	7.5	4.0	5.5

COOPER RIVER BASIN

021720709 COOPER RIVER AT U.S. HIGHWAY 17 AT CHARLESTON, SC

LOCATION.--Lat 32°48'11'', long 79°54'55'', Charleston County, Hydrologic Unit 03050201, on downstream side of pier on U.S. Highway 17 bridge and at mile 1.4.

DRAINAGE AREA.--Indeterminate.

GAGE-HEIGHT RECORDS

PERIOD OF RECORD.--April 1997 to current year.

GAGE.--Data collection platform. Elevation of gage is 5 ft (revised) below NGVD of 1929 (from topographic map).

REMARKS.--Gage height affected by tide.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 11.25 ft, July 21, 2001; minimum gage height, 0.30 ft, Feb. 20, 2000.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 10.61 ft, Sep. 27; minimum gage height, 1.28 ft, Mar. 8.

Gage height, feet
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	10.19	4.16	7.07	9.72	4.54	7.06	7.83	2.90	5.34	8.01	3.16	5.60
2	9.96	4.39	7.08	9.68	4.66	7.20	7.85	3.20	5.67	8.15	3.34	5.72
3	9.93	4.64	7.22	9.79	4.54	7.45	8.18	3.67	6.12	8.21	3.07	5.63
4	9.50	3.97	6.86	9.42	4.10	7.06	8.91	3.61	6.71	8.21	2.83	5.65
5	9.12	3.64	6.41	9.19	3.76	6.82	8.93	3.25	6.32	8.33	2.82	5.58
6	9.22	3.63	6.48	9.32	3.68	6.66	8.29	3.33	6.05	8.08	2.67	5.54
7	9.25	3.66	6.59	8.99	3.59	6.62	9.00	3.45	6.46	---	---	---
8	9.29	3.53	6.52	9.65	4.01	7.16	9.19	3.63	6.54	8.84	3.04	6.05
9	9.25	3.39	6.66	9.57	4.56	7.08	9.26	3.82	6.61	---	---	---
10	9.36	3.75	6.71	9.60	4.34	6.89	9.67	4.02	6.70	---	---	---
11	9.46	3.73	6.83	9.24	3.93	6.47	8.17	2.25	5.61	---	---	---
12	9.48	4.21	6.91	8.67	3.73	6.05	8.95	3.46	6.13	8.20	2.68	5.47
13	9.32	4.32	6.83	7.84	3.23	5.44	9.27	4.29	6.78	8.16	2.76	5.40
14	9.56	4.50	6.98	8.45	4.01	5.92	9.59	4.20	6.69	8.45	3.22	5.82
15	8.62	3.63	6.26	8.40	3.93	5.97	8.53	3.49	5.92	8.13	2.97	5.47
16	9.07	4.71	6.68	8.23	3.89	5.83	8.59	3.81	6.17	8.61	3.27	6.06
17	8.68	4.56	6.58	7.83	3.66	5.67	8.43	2.61	5.64	8.89	3.26	6.17
18	8.84	4.67	6.58	8.43	3.73	6.05	8.09	2.28	5.61	9.49	2.08	5.95
19	8.92	4.50	6.68	8.54	2.62	6.06	8.09	2.17	5.25	8.91	2.57	5.88
20	8.71	4.17	6.38	8.83	3.22	6.11	---	---	---	9.79	2.59	6.30
21	8.88	3.43	6.33	9.52	2.92	6.59	9.42	2.07	5.97	9.85	2.30	6.25
22	9.23	3.15	6.23	9.75	2.81	6.49	9.54	2.07	5.96	9.55	2.34	5.88
23	9.80	3.51	6.90	10.00	2.57	6.39	9.86	1.90	6.07	8.71	1.71	5.51
24	9.82	3.42	6.93	10.26	2.45	6.34	9.94	2.32	5.95	8.68	2.00	5.45
25	10.17	2.99	6.68	10.22	2.05	6.31	9.39	2.02	5.60	9.44	2.91	6.38
26	10.03	2.58	6.43	10.38	3.13	6.64	9.19	2.33	5.69	8.98	3.42	6.38
27	10.27	2.89	6.50	10.12	3.32	6.58	9.13	2.67	5.82	8.53	3.33	6.16
28	10.25	2.92	6.68	9.66	2.66	5.93	8.86	3.25	5.91	7.89	3.13	5.18
29	10.20	2.52	6.62	8.13	1.76	4.93	8.36	3.41	5.80	7.64	3.35	5.42
30	9.89	3.60	6.79	8.35	3.21	5.63	8.00	2.87	5.39	7.45	3.33	5.30
31	9.94	4.49	7.01	---	---	---	7.78	3.50	5.71	7.33	3.97	5.82
MONTH	10.27	2.52	6.69	10.38	1.76	6.38	---	---	---	---	---	---

021720709 COOPER RIVER AT U.S. HIGHWAY 17 AT CHARLESTON, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1997 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE (TOP): April 2004 to September 2004.

SPECIFIC CONDUCTANCE (MIDDLE): April 1997 to current year.

SPECIFIC CONDUCTANCE (BOTTOM): April 2004 to September 2004.

WATER TEMPERATURE (TOP): April 2004 to September 2004.

WATER TEMPERATURE (MIDDLE): April 1997 to current year.

WATER TEMPERATURE (BOTTOM): April 2004 to September 2004.

DISSOLVED OXYGEN (TOP): April 2004 to September 2004.

DISSOLVED OXYGEN (MIDDLE): April 1997 to current year.

INSTRUMENTATION.--Water-quality multiprobe and data collection platform.

REMARKS.--Specific conductance (Top) records rated excellent except for Apr. 28 to May 5, July 6, 7, 14-21, 25-31, which are good, and Aug. 1-3, which are fair. Specific conductance (Middle) records rated excellent except for Oct. 1-3, Jan. 27 to Feb. 9, May 12-24, July 16-21, Aug. 8-12, 19-26, Sep. 5-10, which are good. Specific conductance (Bottom) records rated excellent except for June 6, 7, 11-18, Sep. 7-10, 20-24, which are good, and June 19-22, which are fair. Temperature (Top) records rated excellent. Temperature (Middle) records rated excellent. Temperature (Bottom) records rated excellent. Dissolved oxygen (Top) records rated good except for June 10, 27-30, which are fair, June 11-18, July 1-7, which are poor. Dissolved oxygen (Middle) records rated fair except for Oct. 9-15, Nov. 1-14, Nov. 29 to Dec. 1, May 17-21, which are poor, Jan. 9 to Apr. 2, which are good, and Oct. 17-31, Dec. 2 to Jan. 8, which are excellent. Prior to October 1, 2003 dissolved oxygen concentrations are not corrected for salinity.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE (MIDDLE): Maximum, 52,700 microsiemens, Nov. 15, 2001; minimum, 12,000 microsiemens, Feb. 19, 1998.

WATER TEMPERATURE (MIDDLE): Maximum, 31.5°C, on several days during August, 1999; minimum, 5.5°C, Jan. 1-5, 2001.

DISSOLVED OXYGEN (MIDDLE): Maximum, 14.0 mg/L, Jan. 2-4, 2001; minimum, 1.8 mg/L, July 27, Aug. 7, 2004.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE (TOP): Maximum, 50,000 microsiemens, June 4, Aug. 3; minimum, 24,700 microsiemens, Sep. 11.

SPECIFIC CONDUCTANCE (MIDDLE): Maximum, 50,600 microsiemens, July 3; minimum, 24,300 microsiemens, Aug. 31.

SPECIFIC CONDUCTANCE (BOTTOM): Maximum, 51,900 microsiemens, July 31, Aug. 2; minimum, 24,500 microsiemens, Aug. 31, Sep. 1.

WATER TEMPERATURE (TOP): Maximum, 30.9°C, July 9; minimum, 17.1°C, Apr. 10.

WATER TEMPERATURE (MIDDLE): Maximum, 30.7°C, July 13; minimum, 7.7°C, Feb. 2.

WATER TEMPERATURE (BOTTOM): Maximum, 30.4°C, July 13, 16, 28; minimum, 16.7°C, Apr. 9.

DISSOLVED OXYGEN (TOP): Maximum, 8.4 mg/L, July 13; minimum, 2.3 mg/L, July 20.

DISSOLVED OXYGEN (MIDDLE): Maximum, 11.2 mg/L, Jan. 14; minimum, 1.8 mg/L, July 27, Aug. 7.

021720709 COOPER RIVER AT U.S. HIGHWAY 17 AT CHARLESTON, SC--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	44400	33000	38600	44000	31400	38200	41100	30600	36700	41700	30300	36800
2	43300	32400	38200	43500	32600	38700	40600	30700	37100	42000	30700	37300
3	44400	33000	38700	43300	35000	39300	43300	33400	39400	41700	30700	37900
4	43300	34800	39000	43100	35600	38900	43300	35000	39900	41400	32900	38200
5	43000	32400	38000	42200	34700	38300	44700	36000	40400	42200	34100	38400
6	43000	33800	38200	42400	33800	38000	43000	37000	40200	43700	35000	39200
7	43300	34400	38400	41900	33400	37600	44800	36600	40900	---	---	---
8	43400	34200	38500	44100	31800	38600	44700	36800	40800	46000	35900	41400
9	44100	33500	38900	44700	34100	39200	45100	37200	40800	---	---	---
10	44100	34800	39200	44500	34900	39500	45100	36500	40700	---	---	---
11	43800	34700	39200	43600	33700	38800	41900	34800	38400	---	---	---
12	43800	34800	39200	42000	32400	38100	43700	32600	39200	43900	35500	40200
13	43100	34200	39000	39100	30400	35400	44200	32700	39900	43900	32800	39300
14	43600	34600	38900	44400	29600	37100	45300	35300	40000	44100	33900	40400
15	41000	32600	37100	44800	31500	38000	42400	35300	39200	42900	34900	39500
16	42800	30200	37000	43600	32600	38200	42100	33300	38700	44900	35100	40600
17	42400	29000	37000	43200	32200	38300	43900	33000	37500	44600	36900	40800
18	42800	30300	37000	43600	34600	40000	41700	35100	38900	45800	36200	40700
19	43500	33900	39100	43400	36600	40100	41600	34800	38400	45600	36200	40700
20	42300	33900	39500	43900	36700	40100	---	---	---	47800	36300	41400
21	43000	36000	39900	45500	37500	41200	46100	34600	40000	47900	37100	41600
22	44500	36700	39800	47100	37100	41200	46300	35400	40000	48000	36500	40900
23	45300	37100	41300	47200	36800	41200	47700	34900	40500	44700	34100	39400
24	46200	37400	41600	48500	36200	41000	47000	35500	40100	43700	33900	38600
25	47300	37100	41600	47600	35100	40500	45500	33200	38900	46200	32900	39700
26	47700	36800	41300	44700	28000	37300	45000	32800	38700	45100	34500	39700
27	47400	35400	40800	46400	32600	38600	44500	32800	38400	43200	32400	38600
28	47200	34800	40500	45300	32100	38300	42600	30700	37600	42600	28600	34800
29	44200	34500	39100	41400	27000	35200	41800	30000	37200	40200	27400	33300
30	44700	31300	38400	42200	30100	37500	40900	29700	36000	40800	29200	33500
31	44200	29400	37900	---	---	---	41600	31500	37200	42300	30800	36400
MONTH	47700	29000	39100	48500	27000	38700	---	---	---	---	---	---
DAY	Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius											
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	43200	33300	38800	39200	26600	32200	42000	36300	39500	41400	34800	37900
2	44000	34400	40700	39200	29100	33200	41800	35500	39200	41900	34300	37400
3	43300	38000	40300	41300	29400	36200	42800	34400	39000	42800	32500	36800
4	42100	36700	39700	40600	32100	37300	41900	31600	36600	44200	32500	37300
5	43900	35200	40100	41700	34600	37900	45000	36200	40200	46400	33200	38400
6	44700	37000	39800	41600	34400	37300	46100	34900	39400	47200	33800	38800
7	40500	34500	37700	42800	32800	37400	46200	35400	39700	46400	34200	38600
8	41600	31400	37000	43500	32600	37300	45800	35700	39300	45900	32800	38000
9	42400	32500	37500	43800	34000	38800	45700	34600	39600	45500	33300	37700
10	41400	33200	37200	43300	32000	38500	45000	35000	39400	44500	33800	37700
11	40200	31400	36700	43800	34600	38600	44100	34900	38600	43400	33000	37300
12	41900	30300	37100	44300	32600	38200	43600	33300	38400	41600	33300	37000
13	40900	30800	37000	42800	33400	38200	42200	30300	36700	41200	32600	36400
14	40900	30700	36600	43600	32600	38300	38400	27300	33300	41100	32200	36100
15	42100	31000	37100	42500	33400	38100	42100	27300	37000	41800	31900	35700
16	42300	31300	36600	43600	35200	38800	42400	32100	37900	41900	31600	35600
17	43000	30300	36700	43600	35200	39200	41700	34500	37600	41300	31600	35500
18	41700	30300	35700	44800	35900	39900	42700	33500	37400	41500	31400	35500
19	41500	30600	35300	44400	36000	39600	42900	32600	37100	41000	31800	35600
20	42500	29700	34900	45900	35400	40300	42500	32300	37100	39400	31500	35000
21	39800	29200	33800	43000	34400	38800	43000	33000	37400	39100	30200	34200
22	42100	28300	35000	44300	33900	38800	42100	31900	37000	39500	28500	33700
23	41600	29800	35300	42600	33300	38600	41400	29900	35600	39300	30600	34100
24	41600	31800	36400	42600	30700	37700	41700	28300	34700	44000	31400	36300
25	41300	31100	36700	41000	30200	36800	41300	29800	35200	45000	34600	39900
26	43400	31200	36700	41800	29500	36100	41700	29700	35100	45700	34900	39800
27	39100	28800	34500	41300	29400	35400	41500	30500	35500	45100	35400	40400
28	39100	28800	33700	42000	30200	36400	43800	31900	37000	44900	35800	40800
29	39000	27100	32800	43300	33300	38500	41800	33400	37600	47200	36700	41500
30	---	---	---	44200	36400	39900	42600	35600	38700	47500	38800	42500
31	---	---	---	44700	36600	40200	---	---	---	---	---	---
MONTH	44700	27100	36800	45900	26600	37800	46200	27300	37600	---	---	---

021720709 COOPER RIVER AT U.S. HIGHWAY 17 AT CHARLESTON, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	Temperature, water, degrees Celsius										
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN		
			OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	24.4	23.3	24.0	21.3	20.9	21.1	16.3	15.5	15.9	10.9	10.5	10.7		
2	24.0	23.1	23.6	21.3	20.9	21.1	16.0	15.0	15.4	11.0	10.6	10.8		
3	23.5	22.3	22.9	21.3	21.1	21.2	15.4	14.5	14.8	11.5	10.7	11.0		
4	23.0	22.3	22.6	21.9	21.2	21.4	14.7	13.8	14.2	12.2	11.1	11.5		
5	23.2	22.4	22.8	22.2	21.5	21.8	14.1	13.2	13.7	12.7	11.5	12.0		
6	23.4	22.7	22.9	22.6	21.8	22.2	13.7	12.9	13.3	12.5	12.0	12.2		
7	23.2	22.7	23.0	22.8	22.2	22.4	13.3	12.6	12.9	---	---	---		
8	23.4	22.8	23.1	22.5	22.1	22.4	12.9	12.5	12.7	11.6	11.0	11.3		
9	23.5	22.9	23.2	22.1	20.5	21.4	12.8	12.4	12.6	---	---	---		
10	23.2	23.0	23.1	20.8	19.4	20.2	13.0	12.7	12.8	---	---	---		
11	23.1	22.9	23.0	20.0	19.0	19.7	12.9	12.4	12.6	---	---	---		
12	23.1	22.7	22.9	20.0	19.1	19.6	12.6	12.1	12.4	9.9	9.2	9.7		
13	23.4	22.8	23.0	19.9	18.9	19.6	12.4	12.1	12.3	9.8	9.3	9.6		
14	23.5	23.1	23.3	19.3	18.2	18.8	12.3	11.9	12.2	9.8	9.4	9.6		
15	23.4	22.7	23.0	18.9	18.2	18.6	12.1	11.5	11.8	10.1	9.6	9.8		
16	23.1	22.2	22.7	19.0	18.3	18.6	11.9	11.6	11.7	10.1	9.7	9.9		
17	23.0	22.3	22.6	19.2	18.6	18.8	12.0	11.7	11.8	10.2	9.8	9.9		
18	22.7	22.3	22.5	19.6	18.8	19.1	11.8	11.3	11.4	10.7	10.0	10.3		
19	22.5	21.9	22.2	19.4	19.2	19.3	11.4	11.0	11.1	10.8	10.4	10.6		
20	22.5	21.9	22.2	19.2	18.9	19.0	---	---	---	10.5	10.2	10.3		
21	22.5	22.0	22.3	19.1	18.7	18.9	10.4	9.7	10.1	10.2	9.8	10.0		
22	22.3	21.9	22.2	18.9	18.6	18.7	10.2	9.6	9.9	10.1	9.7	9.9		
23	22.2	21.6	21.8	18.8	18.5	18.6	10.2	9.8	10.0	9.9	9.6	9.8		
24	21.7	21.2	21.5	18.9	18.5	18.7	10.7	10.1	10.4	9.9	9.4	9.7		
25	21.3	20.6	21.1	18.8	18.3	18.5	10.6	10.3	10.4	9.8	9.6	9.7		
26	21.4	20.7	21.1	18.4	18.0	18.2	10.5	10.1	10.3	9.6	9.2	9.4		
27	21.5	21.0	21.3	18.4	18.0	18.2	10.5	10.1	10.3	9.2	8.8	9.0		
28	21.4	21.2	21.3	18.5	18.1	18.4	10.5	10.1	10.3	9.0	8.4	8.7		
29	21.5	21.0	21.2	18.1	16.7	17.4	10.5	10.2	10.4	9.0	8.2	8.5		
30	21.4	21.0	21.2	16.9	15.9	16.4	10.9	10.5	10.6	8.7	8.2	8.4		
31	21.4	20.9	21.1	---	---	---	11.1	10.4	10.7	8.6	8.1	8.4		
MONTH	24.4	20.6	22.4	22.8	15.9	19.6	---	---	---	---	---	---		

DAY	MAX	MIN	MEAN	Temperature, water, degrees Celsius										
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN		
			FEBRUARY			MARCH			APRIL			MAY		
1	8.5	8.0	8.3	10.4	9.2	9.8	16.4	15.8	16.2	21.7	21.3	21.5		
2	8.3	7.7	8.1	11.4	9.5	10.4	16.2	15.6	16.0	22.2	21.3	21.7		
3	8.6	8.0	8.4	11.8	10.1	10.7	16.4	15.4	15.9	22.2	21.6	21.8		
4	8.8	8.2	8.5	12.0	10.6	11.2	16.4	15.7	16.0	21.8	20.9	21.4		
5	8.9	8.4	8.6	12.8	11.2	11.9	16.3	15.5	15.9	21.8	20.7	21.3		
6	9.8	8.8	9.2	13.3	12.1	12.7	16.3	15.6	16.0	22.2	21.1	21.5		
7	10.2	9.6	9.9	13.6	12.7	13.1	16.7	15.9	16.2	22.6	21.6	22.0		
8	10.0	9.4	9.7	13.4	12.7	13.1	16.9	16.3	16.6	23.1	22.1	22.6		
9	9.8	9.3	9.6	13.2	12.4	12.9	17.5	16.6	17.0	23.5	22.5	23.0		
10	9.8	9.4	9.6	13.0	12.2	12.7	18.1	17.1	17.5	23.8	22.9	23.3		
11	9.9	9.6	9.7	13.0	12.2	12.5	18.8	17.7	18.1	23.9	22.9	23.6		
12	9.8	9.5	9.7	13.1	12.3	12.7	19.0	18.4	18.7	24.3	23.6	23.9		
13	9.9	9.5	9.6	13.2	12.6	12.8	19.5	18.8	19.0	24.8	23.9	24.3		
14	9.9	9.6	9.7	13.8	12.7	13.0	18.9	18.2	18.6	25.2	24.2	24.6		
15	9.9	9.6	9.7	14.0	13.1	13.5	18.5	17.4	18.1	25.6	24.4	24.8		
16	10.0	9.6	9.7	14.3	13.7	13.9	18.8	17.7	18.2	26.0	24.7	25.1		
17	9.7	9.1	9.4	14.6	13.9	14.2	19.1	18.2	18.5	26.0	25.0	25.4		
18	9.3	8.6	9.0	14.8	13.9	14.3	19.6	18.6	18.9	26.2	25.3	25.6		
19	9.5	8.7	9.1	15.2	14.4	14.7	20.1	19.0	19.3	26.4	25.4	25.7		
20	9.7	9.1	9.4	15.4	14.8	15.0	20.1	19.3	19.6	26.5	25.5	25.8		
21	10.3	9.6	9.9	15.8	15.1	15.4	20.5	19.6	19.9	26.6	25.6	26.0		
22	10.6	10.0	10.3	15.5	14.8	15.1	21.1	20.0	20.4	26.7	25.8	26.2		
23	10.8	10.3	10.5	15.0	14.3	14.7	21.7	20.4	20.9	26.6	25.8	26.2		
24	11.0	10.6	10.8	15.0	14.2	14.6	22.3	20.9	21.4	26.8	25.9	26.2		
25	11.0	10.5	10.8	15.5	14.5	14.8	22.7	21.2	21.7	27.0	26.0	26.2		
26	10.6	9.9	10.2	16.3	14.8	15.4	22.8	21.5	22.0	26.9	26.0	26.4		
27	10.0	9.2	9.6	16.9	15.4	16.0	22.5	21.5	21.9	27.0	26.2	26.4		
28	10.1	8.9	9.3	17.0	16.0	16.3	22.2	20.9	21.4	26.9	26.2	26.5		
29	10.3	9.0	9.5	17.1	15.9	16.3	21.9	20.7	21.2	27.1	26.4	26.6		
30	---	---	---	16.8	16.0	16.3	22.1	20.9	21.4	27.5	26.6	26.9		
31	---	---	---	16.9	16.1	16.4	---	---	---	---	---	---		
MONTH	11.0	7.7	9.5	17.1	9.2	13.8	22.8	15.4	18.8	---	---	---		

021720709 COOPER RIVER AT U.S. HIGHWAY 17 AT CHARLESTON, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	6.9	5.8	6.3	6.6	5.4	6.0	8.2	6.8	7.7	9.8	9.0	9.3
2	7.0	5.8	6.4	6.8	5.6	6.1	8.3	7.6	7.9	9.6	9.0	9.3
3	6.8	5.6	6.1	6.8	5.5	6.2	8.2	7.7	7.9	9.7	9.0	9.2
4	6.3	5.5	5.8	6.6	5.7	6.1	8.2	7.9	8.0	9.6	9.0	9.2
5	6.5	5.7	6.0	6.6	5.3	6.0	8.2	7.9	8.0	9.5	8.8	9.1
6	6.6	5.7	6.1	6.6	5.3	5.9	8.3	7.9	8.0	9.2	8.6	9.0
7	6.5	5.8	6.1	6.3	5.1	5.7	8.4	7.9	8.1	---	---	---
8	6.5	5.9	6.1	6.6	5.0	5.7	8.4	8.0	8.2	9.2	8.6	8.9
9	6.7	5.8	6.2	6.8	5.6	6.2	8.5	8.0	8.2	---	---	---
10	6.5	5.8	6.2	7.1	6.1	6.6	8.4	8.1	8.2	---	---	---
11	6.5	5.9	6.2	7.2	6.0	6.6	8.7	8.1	8.3	---	---	---
12	6.5	5.8	6.1	7.1	6.0	6.5	8.6	8.2	8.4	10.1	9.6	9.8
13	6.4	5.5	6.0	7.2	6.3	6.7	8.7	8.3	8.5	10.7	9.8	10.0
14	6.2	5.3	5.8	7.1	6.5	6.8	8.6	8.3	8.5	11.2	9.8	10.2
15	6.2	5.3	5.8	7.2	6.6	6.9	8.8	8.3	8.5	10.9	9.9	10.1
16	6.3	5.4	5.9	7.4	6.7	6.9	8.8	8.4	8.6	10.6	9.8	10.1
17	6.5	5.8	6.1	7.6	6.8	7.1	9.0	8.4	8.7	10.8	9.8	10.1
18	6.6	6.0	6.2	7.6	6.7	7.0	9.0	8.5	8.7	10.9	9.7	10.0
19	6.6	6.0	6.2	7.2	6.8	6.9	9.0	8.6	8.8	10.0	9.3	9.8
20	6.8	6.0	6.2	7.1	6.6	6.9	---	---	---	9.9	9.1	9.7
21	6.7	6.0	6.2	7.0	6.5	6.7	9.3	8.8	9.0	10.5	9.3	9.7
22	6.6	6.1	6.3	7.0	6.5	6.7	9.3	8.9	9.1	9.9	9.2	9.6
23	6.7	6.0	6.3	6.8	6.5	6.6	9.2	8.8	9.1	10.1	9.4	9.7
24	6.6	6.0	6.3	6.8	6.3	6.5	9.2	8.7	9.0	10.2	9.5	9.8
25	6.5	6.2	6.4	7.1	6.4	6.6	9.3	8.7	9.0	9.9	9.4	9.7
26	6.4	6.1	6.3	7.2	6.4	6.8	9.3	8.7	9.1	9.8	9.3	9.5
27	6.3	6.0	6.1	7.7	6.5	6.8	9.3	8.8	9.1	9.9	9.3	9.6
28	6.1	5.7	5.9	7.3	6.5	6.8	9.5	9.0	9.2	10.4	9.4	9.8
29	6.3	5.8	5.9	7.6	6.7	7.3	9.5	9.0	9.2	10.6	9.6	10.0
30	6.2	5.7	6.0	8.2	7.2	7.5	9.6	9.0	9.2	10.6	9.6	10.1
31	6.4	5.6	6.1	---	---	---	9.9	9.0	9.2	10.7	9.6	10.0
MONTH	7.0	5.3	6.1	8.2	5.0	6.6	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	10.2	9.6	9.9	10.4	9.5	9.9	8.5	7.7	8.0	---	---	---
2	10.2	9.4	9.8	10.5	9.6	10.0	8.3	7.5	8.0	---	---	---
3	10.1	9.7	9.9	10.3	9.5	9.8	8.9	6.9	7.9	---	---	---
4	10.3	9.8	9.9	10.3	9.4	9.8	9.3	7.5	8.3	---	---	---
5	10.1	9.6	9.9	9.9	9.4	9.6	8.5	7.5	8.1	---	---	---
6	10.2	9.4	9.9	9.7	9.0	9.3	8.5	7.3	8.1	7.4	6.3	6.6
7	10.2	9.5	9.8	9.4	8.7	9.1	8.5	7.1	7.8	7.5	6.1	6.6
8	10.2	9.5	9.8	9.2	8.4	8.9	8.4	7.4	7.8	7.2	6.2	6.6
9	10.7	9.4	9.8	9.0	8.3	8.8	---	---	---	7.2	6.2	6.6
10	10.0	9.5	9.8	9.0	8.1	8.7	---	---	---	7.1	6.2	6.6
11	10.0	9.5	9.7	8.9	8.4	8.6	---	---	---	7.0	6.2	6.7
12	9.9	9.4	9.6	8.8	8.1	8.4	---	---	---	7.1	6.1	6.6
13	10.0	9.4	9.7	9.0	8.2	8.5	---	---	---	7.1	6.2	6.6
14	9.9	9.5	9.7	9.2	8.3	8.6	---	---	---	7.2	6.3	6.6
15	9.7	9.3	9.5	9.1	8.2	8.5	---	---	---	7.4	6.3	6.7
16	9.9	9.2	9.5	8.6	8.1	8.3	---	---	---	7.6	6.4	6.8
17	9.8	9.4	9.6	8.9	7.8	8.2	---	---	---	7.3	6.3	6.6
18	10.0	9.4	9.7	8.9	7.8	8.2	---	---	---	7.2	6.1	6.5
19	10.1	9.5	9.8	8.6	7.6	8.1	---	---	---	7.3	6.0	6.5
20	10.0	9.4	9.7	8.5	7.7	7.9	---	---	---	7.2	6.0	6.5
21	10.0	9.2	9.7	8.2	7.4	7.9	---	---	---	7.2	5.7	6.4
22	10.0	9.1	9.6	8.3	7.6	8.0	---	---	---	---	---	---
23	10.0	9.2	9.6	8.5	7.7	8.1	---	---	---	---	---	---
24	9.8	9.2	9.5	8.5	7.8	8.2	---	---	---	---	---	---
25	9.6	9.1	9.3	8.8	7.8	8.3	---	---	---	7.0	5.7	6.1
26	9.8	9.0	9.4	9.1	7.8	8.4	---	---	---	7.3	5.6	6.2
27	9.9	9.3	9.6	9.3	8.0	8.4	---	---	---	7.3	5.6	6.1
28	10.3	9.4	9.7	9.0	7.9	8.3	---	---	---	6.7	5.2	6.0
29	10.3	9.5	9.9	9.2	7.7	8.3	---	---	---	6.8	5.2	5.8
30	---	---	---	8.9	7.5	8.3	---	---	---	6.5	5.1	5.7
31	---	---	---	8.7	7.3	8.1	---	---	---	---	---	---
MONTH	10.7	9.0	9.7	10.5	7.3	8.6	---	---	---	---	---	---

COOPER RIVER BASIN

021720710 COOPER RIVER AT CUSTOMS HOUSE (AUX) AT CHARLESTON, SC

WATER-QUALITY RECORDS

LOCATION.--Lat 32°46'50'', long 79°55'31'', Charleston County, Hydrologic Unit 03050201, at South Carolina State Ports Authority Dock, 0.25 mi east of Customs House, and at mile 0.6.

PERIOD OF RECORD.--Water years 1987 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE (Top): October 1986 to current year.

SPECIFIC CONDUCTANCE (Bottom): October 1986 to current year.

WATER TEMPERATURE (Top): March 1993 to current year.

WATER TEMPERATURE (Bottom): March 1993 to September 1994 (discontinued).

DISSOLVED OXYGEN (Top): March 1993 to September 1995 (discontinued).

DISSOLVED OXYGEN (Bottom): March 1993 to September 1994 (discontinued).

INSTRUMENTATION.--Water-quality multiprobe and data collection platform.

REMARKS.--Specific conductance (Top) records rated good. Specific conductance (Bottom) records rated fair except for Sep. 1-22, which are poor. Temperature records rated excellent.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE (Top): Maximum, 57,600 microsiemens, Nov. 6, 2001; minimum, 6,520 microsiemens, Sep. 6, 1987.

SPECIFIC CONDUCTANCE (Bottom): Maximum, 64,300 microsiemens, May 5, 1989; minimum, 11,400 microsiemens, Sep. 7, 1987.

WATER TEMPERATURE (Top): Maximum, 32.0°C, Aug. 1, 1993, Aug. 1, 1999; minimum, 5.5°C, Jan. 3, 2001.

WATER TEMPERATURE (Bottom): Maximum, 30.0°C, Jul. 18, 19, 25, 1994; minimum, 5.5°C, Jan. 22, 23, 1994.

DISSOLVED OXYGEN (Top): Maximum, 15.3 mg/L, Feb. 10, 1994; minimum, 3.6 mg/L, Jun. 15, 1993.

DISSOLVED OXYGEN (Bottom): Maximum, 13.3 mg/L, Jan. 26, 1994; minimum, 4.0 mg/L, Jul. 22, Aug. 12, 1994.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE (Top): Maximum, 53,100 microsiemens, Aug. 1; minimum, 24,500 microsiemens, Sep. 10.

SPECIFIC CONDUCTANCE (Bottom): Maximum, 55,500 microsiemens, Nov. 26; minimum, 20,200 microsiemens, Sep. 29.

WATER TEMPERATURE (Top): Maximum, 31.2°C, July 14; minimum, 7.6°C, Feb. 2.

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	39700	30500	34300	42400	32700	36600	44300	33500	38300
2	---	---	---	---	---	---	43300	30900	36100	44400	33900	38700
3	---	---	---	---	---	---	43500	33700	37800	44200	34300	39100
4	---	---	---	---	---	---	44700	34600	39400	43800	35500	39800
5	---	---	---	---	---	---	45500	36800	40600	45100	37000	40200
6	---	---	---	---	---	---	44800	38500	41200	44800	37000	40600
7	---	---	---	---	---	---	46600	37900	41800	45900	37500	41300
8	---	---	---	---	---	---	46000	38200	41400	46700	36900	41700
9	---	---	---	---	---	---	45500	37600	41400	48600	36700	42100
10	45700	36000	40000	---	---	---	46800	37800	41800	48700	37600	42000
11	45300	35600	39800	---	---	---	44000	36300	39900	47800	36900	41200
12	45000	35300	39600	---	---	---	45300	35400	39600	45400	37000	40700
13	44200	33600	39200	44000	33800	37600	45700	34700	39300	44400	35600	39800
14	44700	32200	39100	45500	32000	37700	47200	37900	41100	45600	36700	40600
15	42300	34600	37900	45900	32800	38800	44700	36800	39600	44600	36800	40200
16	44100	31100	37100	44900	33100	38500	44900	34700	39100	45400	36400	40200
17	43200	31700	36600	44900	34300	38600	---	---	---	45400	35700	40200
18	44200	31000	36900	44600	35900	39500	43800	36800	40200	47400	35700	41700
19	42900	31400	37100	44500	38200	41200	44500	36400	40200	47600	37200	41700
20	42400	31700	37100	46400	38100	41800	45800	36400	41000	49000	36700	42600
21	42000	31200	38000	48200	38700	42900	48600	36000	41800	49700	36900	43000
22	40400	31100	36400	49100	38600	43400	49300	36800	42200	49700	38300	43100
23	---	---	---	49900	38400	43400	49500	37200	42700	48000	36700	41600
24	---	---	---	49600	37600	43400	49200	37400	42800	46900	35700	40900
25	---	---	---	49000	36200	42000	48900	36600	41400	49000	34200	40700
26	---	---	---	49000	36500	41800	48500	35200	40800	47400	36500	40600
27	---	---	---	47300	36100	40700	46600	35400	40000	45400	34400	39400
28	---	---	---	47000	35400	40000	45100	34300	38800	43300	31700	37400
29	44300	33400	38000	43300	31500	37100	44700	34300	38200	43300	31200	36600
30	42700	31600	36400	43100	32300	37300	43900	33900	37800	42400	32000	36600
31	42100	30400	35300	---	---	---	43900	34100	38100	44600	32300	37800
MONTH	---	---	---	---	---	---	---	---	---	49700	31200	40300

COOPER RIVER BASIN

021720710 COOPER RIVER AT CUSTOMS HOUSE (AUX) AT CHARLESTON, SC--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	43900	27300	34500	---	---	---	40100	25800	33700	46400	26200	35700
2	43100	26800	33200	---	---	---	46900	27000	34300	44500	29700	37200
3	42000	24500	33400	---	---	---	43400	26300	36200	48300	29200	37800
4	37700	25600	32700	---	---	---	---	---	---	46900	30100	39400
5	42600	25600	33100	---	---	---	---	---	---	47100	34200	39100
6	40800	28400	33700	---	---	---	---	---	---	47700	31800	39200
7	---	---	---	---	---	---	---	---	---	47500	33500	40100
8	---	---	---	---	---	---	---	---	---	50700	31800	39500
9	---	---	---	---	---	---	---	---	---	51600	31500	38700
10	42800	29500	35400	---	---	---	47900	31500	37700	52700	31300	41100
11	42200	28100	35900	---	---	---	49100	28400	37200	51200	28600	38700
12	44500	26700	36400	---	---	---	47200	28900	36900	49400	30600	38700
13	45900	30800	37200	47100	29300	35900	49400	28000	36100	47700	28100	37800
14	45200	30100	37200	48000	29100	38900	50700	30600	37800	47100	30300	38700
15	44500	29400	36000	49300	30100	38300	44400	28000	37300	49900	30700	38600
16	43800	29600	35800	45500	28800	37100	42900	24600	34500	45900	30200	37900
17	45400	28900	36600	43900	31300	37600	45300	25300	35500	44100	31500	37600
18	46600	31100	37600	44100	28400	36700	46100	32100	37800	49800	33100	40400
19	45100	32000	38000	42300	28400	36600	48000	29800	39000	49200	32400	39000
20	46600	31200	37600	49800	26600	37800	49000	31100	38600	45900	31000	39700
21	46000	31200	37400	44200	28700	34700	47200	29700	39000	50600	29700	40400
22	46400	31000	38400	51500	29400	40100	47800	29700	40100	52400	32600	41100
23	46400	31500	39700	50500	29200	37900	53000	30600	41600	50400	31800	39100
24	47600	31500	39800	52900	32500	40400	51300	30900	41600	49900	30200	38500
25	48100	34300	40500	50300	27500	39300	52500	30900	39400	50000	29900	37200
26	49100	32200	39800	55500	29600	39300	52200	29500	39300	50000	29700	37200
27	49200	31400	38300	52000	31600	39200	49600	27800	38200	45700	30600	36100
28	44500	29400	37700	45600	29200	37800	50300	27800	37800	44900	26400	33500
29	---	---	---	46000	26000	34300	48400	24900	35700	42500	25000	32100
30	---	---	---	44100	30500	35800	44400	27400	36200	42200	24400	33100
31	---	---	---	---	---	---	43400	28000	36000	46700	25900	34200
MONTH	---	---	---	---	---	---	---	---	---	52700	24400	38000

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	45000	25700	34000	36200	21000	29700	46300	33000	39300	46800	27800	36800
2	44200	25500	35900	40400	21000	30900	46400	30100	38200	46600	30100	37900
3	48200	29400	38400	44200	23200	33500	48500	32400	39400	49200	29400	37200
4	44600	32300	37100	44200	28300	35500	51100	31000	39800	48500	27300	37700
5	46200	29900	37900	43200	29600	35900	51300	32600	41200	48300	29000	38600
6	47700	29600	40000	43400	28900	35800	49500	30300	39800	49600	31300	39800
7	47200	29300	37200	43300	28600	35600	50600	31100	40700	48400	27600	38600
8	45400	26000	35200	46600	28200	36300	46800	32500	40700	50000	30400	37900
9	45200	25300	34600	48200	29700	37500	49600	30200	38300	47500	25400	37500
10	42700	27100	34200	42400	28000	35600	48500	31600	39200	44900	29100	36900
11	42700	26300	33400	46900	27000	36100	47700	30400	37300	46200	29800	36800
12	44400	24500	32300	46900	26000	35300	46900	28500	37300	46800	26800	35500
13	43200	25700	33000	41000	28600	33900	44900	27100	36500	45500	27200	35800
14	43100	25300	32000	43900	27700	34900	44200	26100	34200	46900	29900	37300
15	41600	26300	32900	45100	26700	35900	44000	27800	36300	48200	29200	37400
16	44200	24300	33500	47000	28800	38900	47400	31200	38000	45900	28200	36200
17	45100	24300	32600	47400	29100	40100	47400	29600	37600	49600	28800	37100
18	43600	23000	33300	50600	35500	41800	47800	29800	37800	43300	26600	35600
19	42400	24500	32700	51100	31700	41400	47300	27000	36300	44100	29300	36900
20	44500	23400	32800	53900	31100	42100	48500	29700	37900	46800	24900	36300
21	41600	21900	32100	51100	31600	41000	46400	33200	38700	48700	21800	35400
22	45400	24800	33000	46800	30200	39900	47000	28600	36500	47200	25400	36100
23	42100	24600	32500	50200	26800	37000	48700	26700	36600	47200	25300	36600
24	43900	25400	32900	47700	26800	35500	47900	25700	35400	44400	25100	36000
25	42700	26200	32700	48600	27100	34900	47900	25900	35100	47800	28000	37600
26	41200	22300	32500	42800	27400	34700	48400	28500	36500	46400	28100	37400
27	37600	24600	29300	44900	28100	36600	48900	27600	36000	46500	24900	39000
28	38400	23400	31000	45400	28300	36400	45200	25100	36400	50200	25000	37700
29	38300	25000	31100	46900	28700	39400	46100	28000	36100	47700	28500	39600
30	---	---	---	48500	29600	38400	44000	28000	36200	50900	36400	43800
31	---	---	---	47200	29600	39400	---	---	---	53300	36400	44500
MONTH	48200	21900	33800	53900	21000	36800	51300	25100	37600	53300	21800	37700

COOPER RIVER BASIN

021720710 COOPER RIVER AT CUSTOMS HOUSE (AUX) AT CHARLESTON, SC--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	54000	31800	43600	51700	33500	42200	52900	28400	40300	---	---	---
2	54500	35600	44100	54400	31700	41800	53800	28400	40900	48700	23000	33100
3	55100	34100	43600	52700	35000	42100	50800	32200	40800	47000	25000	34200
4	55000	34100	43300	53200	33600	41100	51400	29900	39800	45600	25300	34200
5	55000	30400	43100	49200	30600	40800	50100	27600	38700	42400	23400	34000
6	52900	30400	42200	54500	30300	40500	47100	27200	38500	41200	20800	30900
7	52900	29600	41400	53000	31700	41200	49100	31700	39700	39000	21700	30900
8	50800	32600	40300	51600	32200	41500	47300	32300	39100	40900	25900	32500
9	49700	31800	40100	48500	32400	40800	48500	29900	38500	42200	23500	30800
10	52000	32900	40100	50000	32700	39400	48300	28400	38500	46100	22900	30500
11	48300	32800	38900	45200	32700	39200	47600	31700	38300	44500	24800	33100
12	50900	29300	39100	46800	32800	40000	46400	29900	37900	45200	24700	36000
13	49000	32000	39500	46400	30100	40100	41000	27700	35500	45800	29400	36200
14	48400	31300	38400	47800	30100	39800	41200	27600	34700	44200	30300	37700
15	47900	30800	38500	45400	30700	39600	40100	26600	33400	44100	28600	36800
16	44200	28800	36200	51400	31500	40500	42100	26900	33200	45900	28200	36600
17	44100	30500	36300	48600	33100	40900	39600	26500	33800	45700	30400	36700
18	47400	29000	36900	46700	30000	39300	41400	24800	33400	45200	23000	33000
19	45800	29800	37100	49400	31500	39600	40600	26000	32200	43400	20300	30800
20	51100	31600	38600	48300	32600	39400	40600	23800	31200	43600	24400	32500
21	46700	30400	38300	47400	32600	38900	40100	23700	30700	44800	24100	33600
22	47000	32600	38500	49700	29400	39200	40600	22500	29400	44800	26800	33900
23	47000	32300	37100	48000	31900	39600	43200	23400	30700	39100	24300	31100
24	48200	26400	37000	47500	31400	38700	45100	22600	30600	35700	23700	29200
25	51600	29200	39500	49000	27700	37100	44100	24200	31800	36500	23900	30100
26	50800	33100	40100	47000	31900	38200	44000	25100	32700	37800	22600	31400
27	52100	33500	42100	48300	29600	37900	45800	24900	32700	39800	24800	32400
28	51200	35300	42600	49600	27900	38600	45000	22800	33500	39300	22600	30700
29	53600	33500	42300	50200	30500	38100	---	---	---	39800	20200	31600
30	51300	33200	42900	49500	30700	39400	---	---	---	46000	23600	32500
31	---	---	---	52600	28500	40400	---	---	---	---	---	---
MONTH	55100	26400	40100	54500	27700	39900	---	---	---	---	---	---

COOPER RIVER BASIN

021720710 COOPER RIVER AT CUSTOMS HOUSE (AUX) AT CHARLESTON, SC--Continued

Temperature, water, degrees Celsius WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	24.2	23.1	23.8	21.3	20.7	21.1	16.1	15.5	15.8	11.3	10.2	10.7
2	23.9	22.9	23.4	21.4	20.8	21.1	15.8	14.6	15.2	11.1	10.3	10.8
3	23.1	22.0	22.6	21.3	21.0	21.1	15.1	14.0	14.6	11.9	10.7	11.1
4	22.8	22.1	22.5	22.0	21.2	21.4	14.3	13.7	13.9	12.2	11.1	11.5
5	23.3	22.3	22.7	22.6	21.5	21.8	13.9	13.3	13.5	12.6	11.7	12.1
6	23.4	22.6	22.8	23.1	21.8	22.2	13.5	13.0	13.2	12.5	11.9	12.2
7	23.4	22.7	22.9	22.8	22.2	22.5	13.1	12.5	12.8	12.0	11.2	11.6
8	23.6	22.8	23.0	22.6	21.8	22.3	13.1	12.4	12.7	11.5	11.0	11.2
9	23.5	22.9	23.2	21.9	20.2	21.2	13.2	12.4	12.6	11.2	10.8	11.1
10	23.3	22.9	23.1	20.2	19.4	20.0	13.0	12.6	12.8	10.8	10.1	10.5
11	23.1	22.8	23.0	20.0	19.0	19.5	12.9	12.3	12.6	10.1	9.5	9.8
12	23.3	22.6	22.9	20.7	19.1	19.6	12.7	12.1	12.3	9.9	9.3	9.7
13	23.6	22.6	23.0	19.7	18.9	19.5	12.4	12.0	12.2	9.9	9.3	9.6
14	23.6	23.0	23.3	19.3	17.9	18.7	12.3	11.7	12.0	10.0	9.4	9.6
15	23.3	22.4	23.0	18.9	18.0	18.6	12.0	11.4	11.7	10.2	9.6	9.9
16	22.9	21.3	22.5	18.9	18.1	18.6	11.9	11.2	11.7	10.0	9.5	9.9
17	23.2	21.9	22.6	19.2	18.5	18.8	12.0	11.3	11.8	10.3	9.6	10.0
18	22.7	21.9	22.4	19.5	18.8	19.1	11.7	11.0	11.4	10.7	10.0	10.4
19	22.4	21.4	22.2	19.5	19.0	19.3	11.4	10.7	11.0	10.9	10.4	10.7
20	22.9	21.7	22.2	19.3	18.7	19.0	11.0	10.1	10.5	10.5	10.1	10.3
21	22.6	21.9	22.2	19.6	18.6	18.8	10.4	9.5	9.9	10.3	9.8	10.0
22	22.3	21.9	22.2	18.9	18.5	18.8	10.4	9.5	9.9	10.1	9.8	10.0
23	22.3	21.4	21.8	18.9	18.5	18.7	10.3	9.8	10.1	10.0	9.7	9.8
24	21.7	21.1	21.4	19.1	18.6	18.9	10.8	10.2	10.5	10.0	9.4	9.7
25	21.4	20.6	21.0	18.8	18.2	18.5	10.5	10.2	10.4	9.9	9.5	9.7
26	21.4	20.8	21.1	18.5	17.9	18.2	10.5	10.1	10.3	9.7	9.2	9.4
27	21.4	21.0	21.3	18.6	18.0	18.2	10.7	10.0	10.3	9.3	8.8	9.0
28	21.4	21.2	21.3	18.6	18.1	18.3	10.7	9.9	10.3	9.0	8.4	8.7
29	21.4	21.0	21.2	18.2	16.6	17.2	10.5	10.1	10.4	8.6	8.0	8.5
30	21.4	20.8	21.1	16.7	15.5	16.2	11.0	10.4	10.6	8.6	8.2	8.4
31	21.3	20.5	21.0	---	---	---	11.0	10.2	10.6	8.6	8.1	8.4
MONTH	24.2	20.5	22.3	23.1	15.5	19.6	16.1	9.5	11.9	12.6	8.0	10.1
Temperature, water, degrees Celsius												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	8.6	7.8	8.2	11.4	9.2	10.0	16.6	15.8	16.2	21.6	21.1	21.4
2	8.7	7.6	8.1	11.5	9.3	10.5	16.4	15.8	16.0	22.2	21.1	21.5
3	8.8	7.8	8.4	12.5	9.8	10.9	16.6	15.6	15.9	22.2	21.4	21.6
4	9.1	8.1	8.5	12.8	10.6	11.3	16.5	15.6	16.0	22.0	20.7	21.2
5	---	---	---	13.9	11.3	12.0	16.4	15.4	15.9	22.0	20.6	21.1
6	---	---	---	13.5	12.3	12.8	16.7	15.5	16.0	22.6	20.9	21.5
7	---	---	---	14.6	12.6	13.1	17.0	15.9	16.2	23.1	21.4	22.0
8	---	---	---	13.5	12.5	13.0	17.4	16.3	16.6	23.6	21.9	22.5
9	---	---	---	13.4	12.2	12.8	17.7	16.4	17.0	23.8	22.3	22.9
10	9.8	9.4	9.6	12.8	12.2	12.6	18.3	16.9	17.5	23.8	22.8	23.2
11	10.0	9.5	9.8	13.4	12.1	12.5	18.9	17.5	18.1	24.0	23.1	23.5
12	9.7	9.6	9.7	13.2	12.2	12.6	19.0	18.1	18.6	24.4	23.5	23.9
13	10.1	9.5	9.7	13.7	12.5	12.8	19.2	18.7	18.9	24.8	23.8	24.2
14	9.9	9.6	9.7	14.1	12.7	13.2	19.2	18.1	18.6	25.4	24.1	24.5
15	10.0	9.6	9.8	14.5	13.0	13.6	18.4	17.7	18.1	25.6	24.4	24.7
16	10.1	9.5	9.8	14.6	13.6	14.0	19.0	17.6	18.1	26.1	24.6	25.1
17	9.7	9.1	9.4	14.9	13.8	14.2	19.4	18.0	18.4	26.5	24.9	25.3
18	9.4	8.6	9.0	15.6	13.9	14.3	19.9	18.4	18.8	26.4	25.2	25.5
19	9.8	8.7	9.1	15.9	14.2	14.7	20.3	18.8	19.3	26.6	25.2	25.7
20	10.1	9.1	9.4	15.7	14.8	15.1	20.6	19.2	19.5	26.9	25.4	25.9
21	10.3	9.6	10.0	15.9	15.2	15.5	21.2	19.5	19.9	26.9	25.6	26.0
22	10.8	9.9	10.3	15.4	14.6	15.1	21.9	19.8	20.4	27.5	25.6	26.1
23	11.0	10.2	10.6	15.1	14.2	14.6	21.9	20.3	20.8	26.9	25.7	26.1
24	11.2	10.7	10.8	15.3	14.2	14.6	22.4	20.5	21.3	27.3	25.8	26.3
25	11.0	10.3	10.7	16.3	14.4	15.0	22.6	20.8	21.6	27.1	25.9	26.4
26	10.8	9.9	10.2	17.1	14.7	15.6	22.6	21.2	21.8	27.2	26.0	26.4
27	10.0	9.2	9.5	18.0	15.1	16.0	22.0	21.1	21.6	27.2	26.2	26.5
28	9.9	8.8	9.3	17.9	15.6	16.6	21.6	20.7	21.1	26.9	26.2	26.5
29	10.6	9.0	9.5	17.0	15.8	16.3	21.9	20.5	21.1	27.4	26.4	26.8
30	---	---	---	16.9	15.9	16.4	22.2	20.7	21.4	28.0	26.6	26.9
31	---	---	---	17.2	16.1	16.5	---	---	---	27.4	26.9	27.1
MONTH	---	---	---	18.0	9.2	13.8	22.6	15.4	18.7	28.0	20.6	24.5

COOPER RIVER BASIN

021720710 COOPER RIVER AT CUSTOMS HOUSE (AUX) AT CHARLESTON, SC--Continued

Temperature, water, degrees Celsius
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	27.4	26.9	27.1	29.1	28.6	28.8	30.0	29.2	29.6	27.5	27.0	27.2
2	28.0	26.9	27.2	29.3	28.5	28.8	29.8	29.1	29.4	27.8	26.9	27.2
3	28.0	27.1	27.4	29.4	28.4	28.8	29.9	29.1	29.4	27.5	26.7	27.1
4	27.3	26.8	27.2	29.5	28.5	28.9	30.4	29.2	29.7	27.6	26.7	27.1
5	27.7	26.8	27.2	29.7	28.8	29.1	30.7	29.6	29.9	27.3	26.7	27.1
6	27.8	26.9	27.2	30.1	29.0	29.5	30.1	29.0	29.7	27.0	26.3	26.6
7	28.3	27.1	27.5	30.4	29.4	29.9	29.5	27.8	28.7	26.8	26.3	26.5
8	28.8	27.4	27.9	30.4	29.3	29.9	28.8	27.8	28.4	27.0	26.3	26.7
9	28.5	27.7	28.0	31.0	29.6	30.0	28.8	27.9	28.3	27.7	26.6	27.0
10	28.8	27.9	28.2	30.7	29.7	30.0	29.0	27.4	28.2	27.2	26.8	27.1
11	29.1	28.0	28.5	31.0	29.5	30.0	28.9	27.9	28.2	27.1	26.7	26.9
12	29.5	28.3	28.7	30.8	29.6	30.0	28.6	27.7	28.1	26.9	26.4	26.6
13	28.6	27.8	28.3	31.1	29.6	30.1	28.1	27.6	27.8	26.9	25.9	26.3
14	28.3	27.7	27.9	31.2	29.8	30.2	27.8	27.1	27.4	26.3	25.7	26.0
15	28.3	27.1	27.8	30.9	29.9	30.2	27.7	27.0	27.3	26.0	25.5	25.8
16	28.0	27.3	27.7	30.5	29.7	30.0	28.1	27.1	27.4	26.5	25.5	25.9
17	27.9	27.5	27.7	30.8	29.7	30.0	27.9	27.3	27.5	26.5	25.9	26.2
18	29.1	27.5	27.9	29.9	29.1	29.7	28.6	27.3	27.7	26.6	25.7	26.2
19	29.3	27.8	28.2	30.4	29.1	29.4	28.9	27.6	28.1	26.2	25.2	25.6
20	29.2	28.1	28.5	29.9	29.0	29.4	29.3	27.9	28.4	25.3	24.2	24.7
21	28.7	28.1	28.4	30.4	29.0	29.5	28.7	28.1	28.5	24.4	23.2	24.0
22	29.1	28.2	28.5	30.7	29.2	29.7	28.8	28.1	28.5	24.3	23.3	23.9
23	29.1	28.0	28.6	30.2	29.4	29.7	28.6	28.2	28.4	24.4	23.7	24.0
24	29.0	27.9	28.5	30.3	29.5	29.8	28.8	28.0	28.4	24.4	23.8	24.1
25	29.3	28.3	28.7	30.2	29.3	29.7	28.8	28.1	28.4	24.6	23.8	24.1
26	29.1	28.2	28.7	30.6	29.4	29.7	28.6	28.1	28.3	24.3	24.0	24.1
27	29.2	28.4	28.8	30.7	29.6	29.9	28.5	27.8	28.1	24.8	24.2	24.5
28	29.1	28.4	28.8	30.8	29.7	30.0	28.3	27.5	27.9	25.1	24.5	24.8
29	29.3	28.6	28.9	30.2	29.4	29.8	27.7	26.4	27.1	25.3	24.6	25.0
30	29.5	28.8	29.0	30.4	29.4	29.7	27.7	26.4	26.8	25.5	24.9	25.2
31	---	---	---	30.2	29.4	29.7	28.0	26.7	27.1	---	---	---
MONTH	29.5	26.8	28.1	31.2	28.4	29.7	30.7	26.4	28.3	27.8	23.2	25.8

COOPER RIVER BASIN

021720711 COOPER RIVER AT CUSTOMS HOUSE AT CHARLESTON, SC

LOCATION.--Lat 32°46'44'', long 79°55'26'', Berkeley County, Hydrologic Unit 03050201, at South Carolina State Ports Authority Dock, 0.25 mi east of Customs House at Charleston.

DRAINAGE AREA.--Indeterminate.

PERIOD OF DAILY RECORD.--October 1985 to current year.

GAGE.--Data collection platform. Datum of gage is 17.12 ft below NGVD of 1929.

REMARKS.--Gage height affected by tide and regulation from Lake Moultrie (see station 02172000). Flow diverted to Santee River Basin for power generation since October, 1986 (see station 02171645).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height 23.65 ft, Jan. 1, 1987; minimum gage height, 10.88 ft, Mar. 13, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 22.29 ft, Nov. 26; minimum gage height, 13.05 ft, Mar. 8.

Gage height, feet WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	21.82	15.88	18.80	21.33	16.19	18.67	19.61	14.77	17.15	19.73	14.91	17.32
2	21.72	16.15	18.82	21.32	16.29	18.81	19.63	15.07	17.47	19.88	15.11	17.44
3	21.70	16.43	18.98	21.42	16.19	19.08	19.97	15.50	17.95	19.90	14.84	17.35
4	21.18	15.75	18.61	21.02	15.73	18.67	20.71	15.46	18.53	19.91	14.59	17.38
5	20.87	15.43	18.16	20.79	15.38	18.43	20.72	15.15	18.14	20.03	14.56	17.31
6	20.97	15.41	18.25	20.88	15.31	18.27	20.05	15.25	17.86	19.77	14.42	17.28
7	21.02	15.48	18.37	20.62	15.22	18.25	20.63	15.33	18.24	20.25	14.61	17.66
8	21.06	15.33	18.30	21.33	15.64	18.84	20.88	15.58	18.33	20.56	14.81	17.80
9	21.01	15.19	18.45	21.38	16.24	18.88	20.92	15.67	18.38	20.88	14.89	17.93
10	21.13	15.55	18.50	21.40	16.18	18.71	21.37	15.81	18.44	21.07	15.30	18.08
11	21.23	15.54	18.61	21.05	15.77	18.29	19.91	13.96	17.33	20.88	15.30	17.95
12	21.25	16.04	18.68	20.44	15.53	17.85	20.69	15.20	17.88	19.90	14.50	17.21
13	21.10	16.11	18.59	19.59	15.05	17.24	21.03	16.00	18.54	19.84	14.56	17.13
14	21.24	16.37	18.70	20.23	15.82	17.73	21.29	15.95	18.43	20.15	14.97	17.56
15	20.31	15.33	17.95	20.22	15.74	17.78	20.23	15.25	17.65	19.84	14.69	17.20
16	20.75	16.42	18.37	20.01	15.73	17.64	20.31	15.54	17.90	20.34	15.07	17.80
17	20.37	16.25	18.27	19.62	15.50	17.48	20.13	14.32	17.34	20.63	15.04	17.92
18	20.52	16.35	18.26	20.21	15.63	17.87	19.78	14.05	17.35	21.25	13.85	17.69
19	20.57	16.44	18.37	20.29	14.55	17.87	19.76	13.93	16.97	20.63	14.32	17.65
20	20.37	15.87	18.07	20.62	15.14	17.94	20.29	13.90	17.26	21.58	14.35	18.09
21	20.50	15.15	18.01	21.40	14.80	18.44	21.19	13.86	17.72	21.66	14.07	18.07
22	20.90	14.91	17.91	21.65	14.65	18.34	21.33	13.86	17.73	21.32	14.13	17.70
23	21.40	15.20	18.59	21.87	14.40	18.25	21.63	13.66	17.85	20.41	13.59	17.37
24	21.46	15.12	18.63	22.19	14.33	18.20	21.76	14.09	17.71	20.39	14.25	17.54
25	21.80	14.70	18.37	22.16	13.96	18.19	21.16	13.79	17.36	21.24	14.88	18.42
26	21.72	14.29	18.12	22.29	15.00	18.50	20.97	14.10	17.44	20.74	15.58	18.43
27	21.95	14.56	18.17	22.00	15.19	18.43	20.89	14.57	17.57	20.31	15.61	18.27
28	21.93	14.81	18.35	21.44	14.43	17.73	20.59	14.97	17.66	19.56	14.88	17.02
29	21.91	14.15	18.27	19.84	13.60	16.74	20.07	15.14	17.54	19.38	15.07	17.15
30	21.51	15.27	18.44	20.12	15.04	17.43	19.70	14.59	17.10	19.18	15.12	17.04
31	21.53	16.13	18.65	---	---	---	19.49	15.23	17.44	19.10	15.76	17.58
MONTH	21.95	14.15	18.41	22.29	13.60	18.15	21.76	13.66	17.75	21.66	13.59	17.62

WATER-QUALITY RECORDS

PERIOD OF RECORD.--August 2001 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: August 2001 to current year.

WATER TEMPERATURE: August 2001 to current year.

DISSOLVED OXYGEN: August 2001 to current year.

INSTRUMENTATION.--Water-quality multiprobe and data collection platform.

REMARKS.--Specific conductance records rated excellent except for Nov. 25, Dec. 5-18, Mar. 6-12, Apr. 21, July 7-13, 20-23, July 29 to Aug. 6, which are good. Temperature records rated excellent. Dissolved oxygen records rated excellent except for Nov. 6-13, Dec. 5-13, Jan. 9, 28-30, Mar. 1-8, Apr. 7-13, Apr. 28 to May 2, June 7, July 21-23, Aug. 26-30, which are good, Nov. 14-17, Dec. 14-18, Mar. 9-12, Apr. 14-19, May 3-7, June 8, 9, Aug. 31 to Sep. 4, which are fair, and Apr. 20, 21, May 8-10, June 10-25, Sep. 5, 6, which are poor. Prior to October 1, 2003 dissolved oxygen concentrations are not corrected for salinity.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 671 microsiemens, Oct. 12, 2002; minimum, 49 microsiemens, Sep. 12, 13, 2003.

WATER TEMPERATURE: Maximum, 30.1°C, July 20, 2002; minimum, 1.4°C, Jan. 25, 2003.

DISSOLVED OXYGEN: Maximum, 11.6 mg/L, Jan. 30, 31, Feb. 2, 2004; minimum, 0.0 mg/L, Aug. 27, 2002, Sep. 3-6, 16-29, 2002, Oct. 9-12, 2002, and several days in May and August, 2004.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 265 microsiemens, July 21; minimum, 72 microsiemens, Oct. 29.

WATER TEMPERATURE: Maximum, 28.3°C, July 7, 19; minimum, 2.9°C, Dec. 21.

DISSOLVED OXYGEN: Maximum, 11.6 mg/L, Jan. 30, 31, Feb. 2; minimum, 0.0 mg/L, several days in May and August.

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	83	82	83	108	105	107	100	99	99	96	95	96			
2	84	83	83	108	106	107	99	96	97	96	95	96			
3	84	83	84	108	107	107	96	95	95	96	95	96			
4	84	83	84	110	107	109	95	90	93	97	96	96			
5	85	84	85	110	109	110	91	84	86	98	97	97			
6	85	85	85	110	110	110	90	88	89	100	98	99			
7	86	84	86	110	109	110	89	86	87	99	98	98			
8	87	86	87	109	107	108	87	86	87	99	97	98			
9	89	87	88	107	101	106	88	86	87	99	96	98			
10	89	87	89	105	99	103	88	87	87	96	95	96			
11	90	89	89	101	99	100	91	87	89	96	95	95			
12	91	90	90	100	99	99	93	91	92	96	94	95			
13	92	90	91	99	98	99	92	91	92	96	95	95			
14	96	91	93	100	93	98	93	90	92	97	96	96			
15	94	93	94	99	95	97	91	87	89	97	96	97			
16	95	92	93	96	95	95	91	89	89	97	96	97			
17	101	92	96	97	91	96	91	90	91	97	96	96			
18	93	88	90	97	90	96	92	91	91	97	96	96			
19	89	86	87	95	93	94	92	91	91	97	96	97			
20	90	87	88	97	94	96	92	91	92	98	97	97			
21	100	89	93	98	88	94	93	92	93	97	97	97			
22	100	91	94	99	97	98	94	93	94	97	97	97			
23	99	93	95	99	98	98	95	94	95	97	97	97			
24	100	94	96	100	97	98	97	95	96	98	97	97			
25	101	95	97	106	99	101	97	96	97	98	97	97			
26	105	97	101	104	102	103	97	96	96	97	93	96			
27	107	101	104	103	102	102	96	95	96	---	---	---			
28	132	99	107	104	102	103	96	95	96	95	91	93			
29	111	72	82	103	101	102	96	95	96	96	91	94			
30	87	73	81	101	100	100	97	95	96	97	95	96			
31	105	87	98	---	---	---	97	96	96	101	97	99			
MONTH	132	72	91	110	88	102	100	84	92	---	---	---			

ASHLEY RIVER BASIN

02172080 ASHLEY RIVER NEAR SUMMERVILLE, SC--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	101	100	101	86	83	85	106	104	104	133	129	131
2	102	100	101	86	86	86	106	106	106	148	117	131
3	101	95	97	87	86	87	106	106	106	122	103	109
4	100	97	99	87	86	87	107	106	106	111	107	110
5	102	99	100	88	87	87	107	106	107	123	111	116
6	104	101	102	88	87	88	107	106	107	127	123	125
7	102	98	100	89	87	88	108	107	107	126	124	125
8	102	101	102	90	88	89	117	103	108	128	125	126
9	104	101	103	90	88	89	105	102	103	128	125	127
10	105	103	104	89	87	88	110	105	108	128	124	127
11	106	102	106	89	87	88	112	110	111	126	125	125
12	107	93	100	91	88	90	124	97	105	126	125	126
13	100	93	96	93	91	92	108	102	106	127	125	126
14	104	100	102	94	92	93	113	107	111	127	126	126
15	102	96	98	96	94	95	120	113	115	128	126	127
16	96	93	95	99	95	97	125	120	122	128	126	127
17	---	---	---	101	98	99	129	125	127	127	124	125
18	---	---	---	102	99	101	131	128	130	126	125	125
19	85	79	82	104	101	103	134	131	132	131	126	128
20	79	77	78	104	103	104	136	134	135	135	128	130
21	77	76	76	106	104	105	138	136	137	136	129	132
22	76	76	76	106	104	105	140	137	138	139	132	136
23	77	76	77	107	105	105	141	139	140	141	131	137
24	79	77	78	105	102	105	142	141	141	145	130	134
25	81	79	80	105	104	105	143	142	143	140	134	137
26	80	78	79	106	104	105	143	131	142	140	136	138
27	79	77	78	107	105	106	167	117	126	143	139	141
28	81	78	79	108	106	107	130	122	125	145	141	143
29	83	81	82	109	107	108	132	129	130	147	141	143
30	---	---	---	108	104	105	133	132	132	145	141	143
31	---	---	---	104	104	104	---	---	---	146	141	143
MONTH	---	---	---	109	83	97	167	97	120	148	103	130

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	144	140	142	137	129	134	134	130	132	121	114	117
2	145	141	143	192	124	142	141	132	136	116	114	115
3	149	145	146	201	181	191	146	135	139	114	113	114
4	150	145	147	184	179	182	147	135	144	114	112	113
5	147	143	144	182	174	178	151	147	149	116	112	113
6	145	144	145	177	169	172	154	142	148	122	116	120
7	146	144	145	170	167	169	149	143	145	---	---	---
8	147	132	143	171	167	169	149	144	146	---	---	---
9	137	133	135	171	167	169	150	146	148	---	---	---
10	137	134	136	172	168	170	152	147	150	99	96	97
11	138	136	137	172	148	165	154	151	153	96	92	94
12	138	135	137	208	163	189	156	154	155	95	94	95
13	146	136	137	210	195	204	155	138	142	95	94	94
14	139	136	138	200	195	197	142	137	139	95	94	95
15	141	137	139	200	192	197	149	142	145	94	93	94
16	143	139	141	197	170	183	153	135	144	94	92	93
17	147	141	142	197	182	189	149	140	145	93	92	93
18	148	143	146	199	149	188	153	147	150	94	93	93
19	145	142	144	200	129	159	155	152	154	95	93	94
20	145	141	143	263	200	242	160	150	154	96	95	95
21	144	140	141	265	218	251	154	139	147	96	95	95
22	143	138	140	218	178	198	156	149	155	100	95	98
23	141	138	139	178	152	163	155	152	154	101	99	100
24	139	138	139	153	141	146	152	146	147	102	100	101
25	141	138	139	145	139	142	147	144	145	102	100	101
26	142	139	140	143	132	140	145	141	143	103	102	102
27	141	139	140	139	132	135	144	141	142	103	100	101
28	141	139	140	141	134	136	143	140	141	109	99	103
29	141	140	140	136	132	134	149	119	133	110	108	109
30	142	116	136	135	133	134	131	119	122	109	108	109
31	---	---	---	136	130	134	123	121	123	---	---	---
MONTH	150	116	141	265	124	171	160	119	144	---	---	---

ASHLEY RIVER BASIN

02172080 ASHLEY RIVER NEAR SUMMERVILLE, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	18.9	17.0	18.0	17.4	16.6	17.1	10.2	9.2	9.7	8.2	6.7	7.4			
2	18.8	17.7	18.2	17.5	16.4	17.0	10.0	8.8	9.2	8.2	6.7	7.4			
3	18.6	16.4	17.4	18.6	17.1	17.6	9.1	8.0	8.4	10.8	7.7	9.0			
4	18.6	16.3	17.4	20.6	18.6	19.5	8.8	8.2	8.5	12.7	10.7	11.5			
5	19.1	17.7	18.5	22.1	20.5	21.1	8.9	8.6	8.7	14.9	12.7	13.9			
6	19.4	18.2	18.8	22.8	21.8	22.2	9.2	8.1	8.6	15.6	12.5	14.6			
7	19.8	18.7	19.2	22.8	22.3	22.5	8.5	7.0	7.6	12.5	8.3	9.9			
8	20.5	19.2	19.8	22.4	20.0	21.4	7.5	5.8	6.5	8.3	6.0	6.8			
9	20.8	20.2	20.4	20.0	15.3	17.4	7.8	5.9	6.6	6.9	5.9	6.6			
10	20.5	19.8	20.0	15.3	14.0	14.5	9.9	6.7	8.7	6.8	6.0	6.4			
11	19.9	19.8	19.8	15.3	13.5	14.3	10.3	8.4	9.7	6.0	4.5	5.2			
12	20.4	19.6	20.0	17.0	14.8	15.7	8.6	7.6	8.0	5.9	3.2	4.5			
13	20.7	19.5	20.1	17.2	15.6	16.6	8.8	7.9	8.3	6.4	4.2	5.2			
14	21.1	20.4	20.6	15.6	12.9	14.0	9.3	8.1	8.9	7.4	5.4	6.2			
15	21.2	19.0	20.1	12.9	11.2	11.9	8.1	7.0	7.4	8.8	6.3	7.6			
16	19.0	17.6	18.1	13.6	11.6	12.5	8.3	6.7	7.2	8.4	7.1	7.7			
17	18.1	17.0	17.4	16.0	13.6	14.5	9.2	8.3	8.9	8.2	6.4	7.2			
18	19.1	17.9	18.5	16.5	15.1	15.7	8.5	6.2	7.2	11.2	6.8	8.9			
19	18.7	17.2	17.9	17.7	15.9	17.3	6.9	6.2	6.5	11.4	10.5	11.2			
20	18.1	17.0	17.6	17.3	15.5	16.1	6.5	4.5	5.6	10.5	7.9	8.6			
21	17.9	17.2	17.5	15.7	12.6	13.7	4.6	2.9	3.8	7.9	5.7	6.6			
22	18.4	17.9	18.1	14.4	13.1	13.7	4.4	3.1	3.7	7.3	4.7	6.0			
23	18.5	17.0	17.5	14.3	12.9	13.6	7.6	4.1	5.7	7.2	5.7	6.5			
24	17.2	16.2	16.6	15.4	13.7	14.5	10.4	7.6	9.3	8.3	5.4	6.7			
25	17.0	16.1	16.5	14.8	13.8	14.1	10.4	7.2	9.0	8.3	6.8	7.6			
26	17.7	16.7	17.2	14.3	12.8	13.4	7.2	5.6	6.5	6.8	5.7	6.3			
27	18.6	17.7	18.2	15.0	13.6	14.3	6.2	4.9	5.5	---	---	---			
28	19.3	18.6	18.9	16.0	14.3	15.2	6.4	4.9	5.4	5.4	3.6	4.5			
29	18.8	17.7	18.0	14.8	11.4	12.5	6.8	5.2	6.2	4.8	3.3	3.9			
30	17.7	16.5	17.0	11.4	9.6	10.1	9.5	6.7	8.3	5.3	3.3	4.5			
31	17.4	16.4	17.0	---	---	---	9.4	8.1	8.7	6.7	4.8	5.9			
MONTH	21.2	16.1	18.4	22.8	9.6	15.8	10.4	2.9	7.5	---	---	---			

DAY	MAX	MIN	MEAN	Temperature, water, degrees Celsius			MAX	MIN	MEAN	MAX	MIN	MEAN
				MAX	MIN	MEAN						
FEBRUARY												
1	6.1	4.6	5.3	12.4	9.7	10.5	16.5	14.1	15.2	20.3	19.4	19.8
2	7.5	4.7	5.6	15.1	12.3	13.2	15.3	13.3	14.4	21.3	19.7	20.4
3	9.6	7.5	9.0	17.0	14.4	15.3	15.7	13.3	14.6	21.0	19.4	20.2
4	9.3	7.4	8.1	18.3	16.4	17.1	16.4	14.5	15.5	19.4	16.9	17.8
5	9.8	7.7	8.4	19.7	17.7	18.4	15.8	14.0	14.9	18.5	15.5	16.9
6	14.5	9.8	11.7	19.9	19.0	19.3	15.7	13.9	14.8	20.5	17.1	18.6
7	14.7	12.4	13.9	19.0	17.2	18.0	16.4	13.7	14.9	22.4	19.1	20.5
8	12.4	8.2	9.4	18.6	15.2	16.3	16.9	15.9	16.4	22.6	20.4	21.5
9	8.8	7.3	7.9	15.4	11.7	12.9	18.1	16.1	16.9	22.5	21.0	21.9
10	9.8	8.5	8.9	12.5	11.0	11.8	18.9	16.6	17.8	22.1	20.2	21.1
11	11.0	9.7	10.1	12.7	9.8	11.2	20.7	17.5	19.0	21.2	20.3	20.8
12	11.0	9.0	9.8	14.6	11.2	12.6	20.2	19.0	19.4	22.1	20.9	21.5
13	10.0	8.3	8.9	14.4	12.0	13.2	20.1	19.0	19.5	23.1	21.3	22.2
14	10.1	9.2	9.6	15.6	12.2	13.5	19.3	15.2	16.7	23.5	21.7	22.5
15	9.4	9.0	9.2	19.2	15.0	16.6	16.3	13.4	14.8	23.4	21.8	22.5
16	9.4	8.9	9.2	19.2	17.6	18.2	16.3	13.7	15.0	22.9	21.8	22.4
17	---	---	---	17.9	16.3	17.1	17.7	15.6	16.5	22.9	21.9	22.4
18	---	---	---	16.8	14.4	15.5	18.8	16.8	17.6	23.3	21.7	22.5
19	8.4	7.0	7.6	19.1	15.6	17.3	19.7	17.7	18.6	23.6	21.7	22.5
20	9.9	8.3	9.0	18.9	16.7	17.2	20.5	18.3	19.0	23.8	22.6	23.2
21	12.1	9.9	11.0	19.1	16.8	17.7	20.5	18.8	19.7	23.8	23.2	23.6
22	12.2	11.5	11.9	17.6	14.0	15.7	20.9	19.2	19.9	24.5	23.8	24.1
23	12.1	11.5	11.8	14.0	11.1	12.4	21.6	19.9	20.5	24.4	24.1	24.2
24	12.4	12.1	12.2	13.0	10.6	11.7	22.0	20.3	21.2	24.3	23.9	24.1
25	12.4	10.4	11.8	15.1	11.8	13.7	22.3	20.7	21.4	24.8	24.1	24.5
26	10.4	7.3	8.5	16.9	14.5	15.8	22.1	20.5	21.3	25.6	24.7	25.1
27	7.3	5.8	6.4	17.8	16.0	16.8	21.4	19.8	20.5	26.1	25.1	25.5
28	7.4	5.0	5.9	19.3	17.1	17.9	19.9	17.4	18.5	26.2	25.8	25.9
29	9.7	6.8	7.7	19.1	16.1	17.4	19.4	16.6	18.0	26.5	26.0	26.2
30	---	---	---	18.1	14.9	16.1	20.2	17.9	19.1	26.6	26.1	26.4
31	---	---	---	16.5	14.8	15.6	---	---	---	27.1	26.3	26.7
MONTH	---	---	---	19.9	9.7	15.4	22.3	13.3	17.7	27.1	15.5	22.5

ASHLEY RIVER BASIN

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02172080 ASHLEY RIVER NEAR SUMMERVILLE, SC--Continued

Temperature, water, degrees Celsius
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	26.9	26.5	26.7	26.1	25.4	25.7	26.8	26.2	26.5	25.1	24.0	24.5
2	26.6	26.0	26.3	26.2	25.7	26.0	27.3	26.4	26.7	24.8	24.4	24.6
3	27.0	26.4	26.6	25.7	25.6	25.7	27.2	26.5	26.6	24.5	23.7	24.2
4	27.1	26.8	26.9	26.2	25.7	25.9	26.9	26.6	26.8	24.5	23.3	23.9
5	26.8	25.6	26.1	27.0	26.1	26.6	27.2	26.8	27.0	24.3	23.9	24.1
6	26.4	26.0	26.2	27.7	26.9	27.4	27.2	26.8	26.9	24.2	23.9	24.0
7	26.4	25.8	26.2	28.3	27.7	28.0	26.8	24.1	24.9	---	---	---
8	26.4	25.9	26.1	28.2	27.9	28.0	24.8	23.0	23.7	---	---	---
9	25.9	24.9	25.2	28.2	27.6	28.0	24.0	23.6	23.8	---	---	---
10	25.5	24.9	25.2	28.2	27.9	28.1	24.1	23.8	24.0	25.2	24.9	25.0
11	26.3	25.5	25.8	28.2	24.6	26.8	24.4	24.1	24.3	25.0	24.2	24.7
12	27.3	26.3	26.8	25.6	25.1	25.3	24.7	24.4	24.6	24.2	23.6	23.8
13	27.3	26.1	26.8	26.5	25.6	26.0	24.7	24.1	24.3	23.7	23.0	23.3
14	26.1	25.3	25.5	27.4	26.5	27.0	24.2	23.8	24.0	23.0	22.7	22.8
15	25.7	25.3	25.5	28.0	27.4	27.7	24.5	24.1	24.3	22.8	22.6	22.7
16	25.6	25.5	25.6	28.0	27.2	27.6	24.6	24.4	24.5	24.1	22.8	23.4
17	25.6	25.0	25.3	27.8	27.2	27.5	24.7	24.5	24.6	25.1	24.1	24.7
18	26.4	25.4	25.8	27.6	26.2	27.2	24.9	24.6	24.7	24.8	23.3	23.9
19	27.3	26.4	26.7	28.3	25.4	26.7	25.2	24.9	25.0	23.3	21.1	22.1
20	27.9	27.2	27.5	27.1	25.0	26.1	25.7	25.2	25.4	21.1	19.6	20.1
21	27.8	27.1	27.4	26.6	24.5	25.3	27.9	25.5	26.6	20.5	19.4	20.0
22	27.3	26.5	26.9	25.5	24.2	24.9	26.8	25.1	25.6	21.0	19.7	20.3
23	27.6	26.8	27.2	26.1	24.8	25.3	25.5	24.5	25.1	21.5	19.9	20.7
24	27.9	27.0	27.5	26.0	24.5	25.2	25.9	24.2	25.0	21.6	20.4	21.0
25	28.0	27.3	27.7	26.0	24.8	25.3	26.1	24.8	25.5	22.3	20.9	21.5
26	27.9	27.1	27.6	26.0	24.6	25.3	25.9	25.4	25.7	22.1	21.6	21.8
27	28.0	27.1	27.6	26.8	24.8	25.7	25.9	25.0	25.3	23.3	22.0	22.6
28	28.0	27.1	27.6	26.5	25.4	26.0	25.9	25.3	25.6	24.9	23.3	23.9
29	27.9	27.1	27.6	27.0	25.7	26.2	25.8	24.0	24.7	24.8	23.0	23.8
30	27.9	26.1	27.4	27.0	25.5	26.2	24.9	23.1	24.0	24.6	23.1	23.5
31	---	---	---	27.2	25.8	26.4	25.1	24.0	24.6	---	---	---
MONTH	28.0	24.9	26.6	28.3	24.2	26.4	27.9	23.0	25.2	---	---	---

ASHLEY RIVER BASIN

02172080 ASHLEY RIVER NEAR SUMMERVILLE, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	3.4	3.0	3.2	5.2	4.8	5.0	4.0	3.6	3.9	9.2	8.7	8.9
2	3.3	3.0	3.2	5.3	5.0	5.1	4.4	3.8	4.2	9.4	8.9	9.1
3	3.6	3.1	3.3	5.1	4.7	4.9	4.7	4.3	4.5	9.0	8.2	8.7
4	3.6	3.2	3.4	4.7	3.9	4.3	5.8	4.1	5.2	8.2	7.2	7.7
5	3.4	3.1	3.3	3.9	3.3	3.7	5.8	5.2	5.4	7.3	6.3	6.8
6	3.2	3.0	3.1	3.3	2.7	3.0	5.3	5.1	5.2	6.5	5.9	6.2
7	3.1	2.9	3.0	2.7	2.6	2.6	5.9	5.3	5.6	7.9	6.4	7.4
8	2.9	2.7	2.8	3.2	2.5	2.8	6.9	5.7	6.2	9.1	7.9	8.7
9	2.8	2.5	2.6	4.6	3.2	4.0	6.9	6.3	6.6	9.8	9.0	9.3
10	2.7	2.4	2.6	5.4	4.5	5.1	7.1	6.2	6.5	9.4	9.2	9.3
11	2.7	2.5	2.5	5.4	5.2	5.3	6.4	5.6	6.0	9.9	9.3	9.7
12	2.6	2.4	2.5	5.3	4.6	4.9	6.8	6.1	6.4	10.5	9.8	10.3
13	2.7	2.0	2.4	4.6	4.3	4.5	6.9	6.4	6.5	10.1	9.5	9.9
14	2.7	1.3	2.0	5.3	4.5	4.8	6.8	6.1	6.3	9.5	9.0	9.3
15	2.4	1.6	2.1	5.9	5.3	5.7	7.3	6.4	6.9	9.1	8.5	8.8
16	2.4	1.1	1.6	5.9	5.5	5.7	7.3	7.0	7.2	8.6	8.4	8.5
17	1.8	0.6	1.2	5.5	4.9	5.3	7.0	6.2	6.5	8.8	8.4	8.6
18	2.0	1.4	1.7	4.9	4.3	4.7	9.5	6.4	7.7	8.7	7.6	8.3
19	1.7	1.5	1.6	4.3	3.8	4.1	9.5	9.2	9.3	7.6	7.0	7.3
20	1.6	1.3	1.5	---	---	---	10.3	9.3	9.7	8.2	7.2	7.7
21	---	---	---	---	---	---	11.2	10.2	10.6	8.9	8.0	8.5
22	---	---	---	---	---	---	11.1	10.7	10.9	9.4	8.7	9.1
23	---	---	---	---	---	---	11.0	9.6	10.2	9.2	8.8	9.0
24	---	---	---	---	---	---	9.6	8.0	8.7	9.1	8.6	8.9
25	---	---	---	---	---	---	9.0	7.9	8.2	8.7	8.4	8.5
26	---	---	---	3.8	3.4	3.7	9.8	9.0	9.3	9.4	8.5	8.8
27	---	---	---	3.9	3.1	3.4	10.1	9.7	9.8	---	---	---
28	6.0	0.6	1.8	3.5	2.8	3.1	10.1	9.7	9.9	10.2	9.7	9.8
29	6.1	4.4	4.9	3.5	2.9	3.3	10.1	9.6	9.8	10.6	10.1	10.3
30	5.0	4.7	4.8	3.9	3.4	3.7	9.6	8.6	9.1	11.6	10.1	10.8
31	5.1	4.8	5.0	---	---	---	8.7	8.4	8.5	11.6	10.8	11.1
MONTH	---	---	---	---	---	---	11.2	3.6	7.4	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	11.5	10.8	11.1	9.8	8.7	9.1	6.0	5.3	5.7	3.8	3.5	3.6
2	11.6	11.1	11.3	8.7	7.8	8.1	6.4	5.6	6.0	4.7	3.5	3.8
3	11.1	9.3	9.8	7.8	7.2	7.3	6.5	5.9	6.2	4.6	4.3	4.5
4	10.2	9.3	9.7	7.2	6.4	6.6	6.2	5.8	5.9	5.8	4.5	5.1
5	10.1	9.6	9.9	6.4	5.8	6.0	6.4	5.6	6.0	6.3	5.8	6.0
6	9.9	7.9	8.9	5.9	5.2	5.4	6.3	5.8	6.0	5.9	5.3	5.7
7	7.9	7.0	7.4	6.0	5.5	5.7	6.2	5.8	5.9	5.3	4.9	5.2
8	9.7	7.8	8.7	7.3	5.8	6.4	5.9	5.2	5.5	5.0	4.7	4.9
9	9.9	9.4	9.6	8.4	7.2	7.8	5.4	4.1	4.8	4.9	4.7	4.8
10	9.8	9.4	9.5	8.7	8.2	8.4	4.9	4.1	4.4	5.1	4.8	5.0
11	9.5	8.9	9.1	9.3	8.4	8.8	4.8	4.3	4.5	5.0	4.8	4.9
12	9.6	8.8	9.2	8.7	7.6	8.2	5.1	3.8	4.5	4.8	4.4	4.7
13	9.8	9.1	9.5	8.0	7.4	7.6	4.1	3.6	3.9	4.4	4.1	4.3
14	9.7	9.2	9.3	7.7	7.1	7.5	5.3	4.0	4.5	4.2	3.8	4.0
15	9.4	8.9	9.1	7.1	6.0	6.6	5.7	5.3	5.6	3.9	3.4	3.8
16	9.3	8.9	9.0	6.0	5.6	5.7	6.2	5.7	6.0	3.8	3.3	3.5
17	---	---	---	6.2	5.6	5.9	6.0	5.5	5.8	3.6	3.2	3.4
18	10.1	9.5	9.8	6.7	6.2	6.4	5.5	5.2	5.4	3.4	2.5	3.1
19	10.2	9.2	9.7	6.4	5.7	6.1	5.3	4.9	5.1	3.2	1.6	2.4
20	9.2	8.5	8.9	6.0	5.6	5.8	5.2	4.8	5.0	3.0	0.9	2.0
21	8.6	7.7	8.2	6.0	5.6	5.8	5.2	4.3	4.7	2.5	0.7	1.6
22	7.7	7.3	7.5	6.6	5.6	6.0	4.4	4.1	4.3	1.8	0.4	0.8
23	7.6	7.4	7.5	7.3	6.6	7.1	4.2	3.8	4.1	1.6	0.2	0.7
24	7.5	7.2	7.4	7.6	7.1	7.3	3.8	3.5	3.7	1.9	0.3	0.9
25	7.9	7.2	7.3	7.1	6.2	6.6	3.5	3.2	3.4	0.6	0.1	0.4
26	9.5	7.9	8.8	6.2	5.7	5.9	4.2	3.1	3.3	0.5	0.1	0.2
27	10.2	9.5	9.7	5.9	5.4	5.7	4.4	3.5	3.9	0.3	0.0	0.1
28	10.6	10.2	10.4	5.6	5.0	5.4	4.1	3.5	3.9	0.3	0.0	0.1
29	10.4	9.8	10.0	5.7	5.0	5.5	4.2	3.5	3.9	0.5	0.0	0.2
30	---	---	---	5.8	5.2	5.6	3.7	3.6	3.7	1.0	0.0	0.4
31	---	---	---	5.7	5.3	5.6	---	---	---	1.6	0.0	0.7
MONTH	---	---	---	9.8	5.0	6.6	6.5	3.1	4.9	6.3	0.0	2.9

ASHLEY RIVER BASIN

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02172080 ASHLEY RIVER NEAR SUMMERVILLE, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	1.9	0.2	0.9	3.1	1.1	2.0	3.2	2.6	2.8	3.8	3.2	3.5
2	---	---	---	5.2	0.8	2.1	2.9	1.3	2.2	3.3	3.1	3.2
3	---	---	---	4.2	0.7	2.1	2.8	0.6	1.7	3.4	3.2	3.3
4	---	---	---	0.8	0.2	0.4	2.2	0.2	0.8	3.3	3.2	3.2
5	1.9	0.6	1.3	0.7	0.1	0.3	0.3	0.0	0.1	3.4	3.1	3.3
6	2.1	0.6	1.3	1.4	0.2	0.7	1.5	0.0	0.5	3.8	3.2	3.4
7	2.0	0.4	1.1	1.5	0.4	1.0	1.8	0.3	1.2	---	---	---
8	3.2	0.8	1.6	1.6	0.2	0.9	2.1	0.3	1.4	---	---	---
9	3.1	0.7	1.7	2.0	0.4	1.2	2.1	0.3	1.0	---	---	---
10	2.0	0.7	1.2	2.0	0.4	1.1	2.0	0.3	1.1	2.1	1.9	2.0
11	1.6	0.4	0.9	6.8	0.6	3.2	0.7	0.1	0.3	2.1	1.9	1.9
12	2.3	0.7	1.4	4.9	0.3	2.1	0.2	0.0	0.0	2.2	1.9	2.0
13	3.6	1.2	2.1	0.7	0.1	0.3	3.3	0.0	1.9	2.5	2.1	2.3
14	2.7	0.6	1.5	0.9	0.2	0.4	2.8	1.0	1.9	2.5	2.4	2.4
15	1.7	0.1	0.9	1.0	0.1	0.5	1.1	0.1	0.6	2.4	2.3	2.3
16	0.8	0.1	0.3	2.9	0.5	1.8	2.9	0.0	1.1	2.3	2.1	2.2
17	1.8	0.1	0.8	2.9	0.9	1.8	2.4	0.4	1.2	2.1	1.9	2.0
18	1.2	0.1	0.5	3.6	0.7	1.9	1.8	0.3	0.6	2.3	1.8	2.0
19	1.3	0.3	0.7	6.1	2.5	4.0	1.2	0.1	0.3	2.9	2.3	2.6
20	1.8	0.3	1.0	5.8	3.8	4.6	1.9	0.0	0.3	3.5	2.8	3.2
21	3.2	1.5	2.1	4.5	4.0	4.3	4.4	0.1	2.1	3.6	3.4	3.5
22	3.2	2.0	2.6	4.2	3.9	4.0	4.7	3.5	4.2	3.6	3.4	3.5
23	3.6	1.9	3.1	3.9	3.7	3.8	4.7	4.3	4.5	3.6	3.4	3.5
24	4.3	2.5	3.3	3.8	3.6	3.7	4.5	4.2	4.4	3.7	3.4	3.5
25	3.4	1.4	2.4	3.7	3.5	3.6	4.5	4.1	4.3	3.6	3.3	3.5
26	2.9	1.3	1.9	3.7	3.5	3.6	4.4	3.8	4.1	3.6	3.3	3.4
27	2.8	1.2	1.9	3.6	3.3	3.4	4.4	2.6	3.5	3.6	3.0	3.3
28	2.2	1.0	1.6	3.3	3.0	3.2	4.2	1.6	3.1	3.1	2.6	2.9
29	2.3	1.0	1.7	3.2	2.9	3.1	5.9	1.8	4.9	2.7	2.3	2.5
30	3.6	1.0	2.1	3.0	2.9	3.0	4.9	4.0	4.3	2.5	2.3	2.4
31	---	---	---	3.4	2.2	2.8	4.0	3.7	3.8	---	---	---
MONTH	---	---	---	6.8	0.1	2.3	5.9	0.0	2.1	---	---	---

ASHLEY RIVER BASIN

02172084 ASHLEY RIVER AT BAKERS LANDING NEAR NORTH CHARLESTON, SC

LOCATION.--Lat 32°53'36'', long 80°06'08'', Dorchester County, Hydrologic Unit 03050202, on pier at Bakers Landing II
Subdivision off SC Hwy 642, 3.5 mi north of Dorchester State Park, and 2.5 mi southeast of Stallsville.

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--August 2001 to current year. Gage height records began April 2001.

GAGE.--Data collection platform and acoustic velocity meter. Elevation of gage is 10 ft above NGVD of 1929 (from topographic map).

REMARKS.--Records fair. This site is strongly affected by astronomical tides. The astronomical tides occur at primary harmonic periods of 12.42 hours for semi-diurnal tides and 24.84 hours for diurnal tides. Computed 24-hour daily mean discharge for this site may be affected by aliasing due to tides and, thus, may contain spurious fluctuations or oscillations that are not indicative of net downstream discharge.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 15,700 ft³/s, Sep. 1, 4, 2001, maximum gage height, 34.91 ft, July 21, 2001; minimum discharge, -13,300 ft³/s, Sep. 16, 2001, minimum gage height, 24.68 ft, Aug. 19, 2001, Feb. 28, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 12,800 ft³/s, Apr. 4, 6, maximum gage height, 34.05 ft, Sep. 27; minimum discharge, -9,220 ft³/s, Sep. 27, minimum gage height, 24.87 ft, Mar. 8.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	11200	-7440	10500	-6400	---	---	---	---	10100	-4680	5080	-5150
2	11200	-7360	10400	-6250	---	---	---	---	10400	-5100	5200	-4720
3	10700	-7170	10500	-6170	---	---	---	---	10500	-5490	6050	-5130
4	11200	-5920	10500	-6530	---	---	---	---	8810	-5460	6950	-5820
5	12100	-5750	10600	-6350	---	---	---	---	11500	-5900	8290	-5940
6	10800	-5940	---	---	---	---	---	---	12000	-6080	9530	-7410
7	10800	-5840	9410	-5940	---	---	---	---	7980	-6780	8940	-7630
8	11700	-6010	10000	-5930	---	---	---	---	9560	-5030	9190	-7610
9	11800	-6410	---	---	---	---	---	---	11900	-5320	11100	-7870
10	11800	-6330	---	---	---	---	---	---	9890	-5450	10900	-7320
11	11800	-6440	---	---	---	---	---	---	7380	-5190	11100	-7490
12	11800	-6380	---	---	---	---	---	---	8000	-5720	10300	-6700
13	11500	-6130	---	---	---	---	---	---	8740	-5670	9910	-5760
14	10900	-6110	---	---	---	---	---	---	8340	-7180	9840	-6040
15	9170	-4990	---	---	---	---	---	---	9720	-5690	8720	-5670
16	11400	-5400	---	---	---	---	---	---	10700	-6880	9120	-6350
17	10000	-5050	---	---	---	---	---	---	10700	-6620	10400	-7050
18	11100	-4890	---	---	---	---	---	---	10500	-7440	12500	-7520
19	10900	-4760	---	---	---	---	---	---	11300	-7630	10900	-5830
20	10400	-5770	---	---	---	---	---	---	10800	-7760	12000	-7080
21	11300	-5600	12300	-7090	---	---	---	---	8600	-6750	11700	-7210
22	11900	-6220	---	---	---	---	---	---	10200	-6860	11300	-5690
23	11800	-6870	---	---	---	---	---	---	9510	-7190	10900	-5630
24	10800	-7060	---	---	---	---	---	---	8850	-6440	11700	-4800
25	11700	-7850	---	---	---	---	---	---	8590	-5630	11000	-4340
26	11800	-7660	---	---	---	---	---	---	9830	-8780	8540	-4030
27	11800	-8140	---	---	---	---	---	---	7420	-5780	8120	-3830
28	11800	-7670	---	---	---	---	---	---	6260	-5430	6000	-5390
29	12600	-7910	---	---	---	---	---	---	5600	-5690	7890	-4350
30	11400	-6730	---	---	---	---	---	---	---	---	10100	-5690
31	10900	-6870	---	---	---	---	5530	-3970	---	---	11000	-5090
MONTH	12600	-8140	---	---	---	---	---	---	12000	-8780	12500	-7870

ASHLEY RIVER BASIN

02172084 ASHLEY RIVER AT BAKERS LANDING NEAR NORTH CHARLESTON, SC--Continued

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	8980	-4180	10300	-4890	12100	-6710	11900	-7440	12600	-8170	10900	-5880
2	9490	-5220	12400	-5240	12000	-7260	11900	-7340	11200	-7930	9880	-5850
3	11900	-5840	11400	-6340	12200	-7130	12600	-7270	11900	-6760	10100	-5650
4	12800	-6480	12000	-7010	12200	-7210	12100	-7310	12500	-6450	9690	-5250
5	12400	-6570	12500	-7250	12200	-6900	12200	-7130	12400	-6640	9020	-4580
6	12800	-7220	12200	-7190	11200	-6990	11900	-6450	11600	-6220	10500	-5320
7	12000	-6570	12100	-6560	11200	-6220	12400	-6190	11700	-6200	8370	-6020
8	12600	-6650	11600	-6010	12400	-5930	12300	-6110	10500	-5410	7270	-5710
9	12200	-6460	12000	-6080	11800	-5930	10900	-5470	9380	-4940	6220	-4630
10	11300	-6270	11400	-5510	10900	-5730	11800	-5570	8140	-5090	7080	-6180
11	12100	-5870	11700	-5390	10800	-5580	11400	-5400	7770	-4920	10000	-6880
12	10900	-5370	10900	-5920	10500	-5910	10400	-5050	8900	-4570	10700	-8150
13	11700	-4950	10100	-5680	10700	-6100	10200	-5970	9090	-5910	10600	-7850
14	8540	-5220	10200	-6450	11700	-5760	10400	-5680	11900	-8980	10500	-8240
15	10700	-4910	10800	-5720	10500	-5590	10300	-5810	11800	-7700	10500	-8190
16	11500	-6450	11900	-5200	10700	-5170	12100	-5690	11500	-5900	10700	-8800
17	11200	-6950	11800	-5930	10800	-4980	11900	-5490	11000	-5310	11500	-7640
18	10100	-6820	11000	-6400	9590	-5350	10100	-5460	11600	-5490	8840	-7060
19	10200	-6030	11600	-5510	9520	-5760	10000	-5670	11500	-5430	9610	-7010
20	9840	-5480	9780	-4770	11400	-5950	11100	-5980	10800	-5260	10600	-6730
21	9570	-5060	8920	-4820	10500	-5600	11600	-6220	9560	-4670	10400	-7690
22	10200	-4770	9980	-4490	12500	-4790	10600	-5510	10800	-5020	9770	-7000
23	9390	-4420	9590	-4680	9510	-4480	10400	-5500	11100	-5550	10100	-6970
24	8200	-4520	8600	-4580	8180	-4260	10100	-5200	11300	-5770	10100	-6890
25	7810	-4100	8170	-4400	8390	-4690	10600	-5420	10700	-6710	10700	-7100
26	7280	-3500	7990	-3970	9590	-4740	11700	-5860	11700	-6030	10700	-7710
27	7200	-4060	8300	-4210	11800	-6620	11400	-5800	11000	-7070	12400	-9220
28	6770	-4230	7640	-4500	11700	-5510	11900	-6970	11400	-7830	12700	-7870
29	7250	-4190	10300	-5340	12500	-6390	12100	-8170	12200	-7890	10300	-7880
30	8920	-5020	12200	-5980	11200	-6650	11600	-7570	11100	-6300	10300	-7320
31	---	---	12500	-6560	---	---	12000	-8390	10400	-5720	---	---
MONTH	12800	-7220	12500	-7250	12500	-7260	12600	-8390	12600	-8980	12700	-9220

02172084 ASHLEY RIVER AT BAKERS LANDING NEAR NORTH CHARLESTON, SC--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	12900	2680	7420	206	146	176	9060	1020	4200	11600	1180	5640
2	14500	2730	8550	327	147	180	9900	979	4740	11300	1040	4960
3	12400	799	5620	258	146	180	12900	1200	6100	8020	591	3090
4	8990	581	3360	381	149	198	15600	1400	6540	10600	546	3330
5	11700	470	4310	457	149	215	16900	1680	7680	10700	586	3350
6	11700	451	3720	511	153	224	19300	2050	8200	11100	685	3190
7	4130	289	1180	594	162	263	18000	2300	7910	11100	773	3380
8	3790	242	1160	1100	164	322	18000	2630	7950	11000	881	3590
9	5460	265	1320	3150	194	569	18500	2840	8060	10500	983	3710
10	3220	246	887	3480	226	679	18600	3070	8370	9880	1070	3680
11	2000	244	652	2500	218	623	17300	3030	7890	9100	1070	3550
12	2530	238	728	2160	230	564	15300	1740	6250	7800	1050	3380
13	1170	206	404	1790	248	580	10500	928	3760	6870	1030	3180
14	691	190	326	3220	292	766	4740	641	1950	6920	1020	3220
15	837	175	309	2270	272	665	6480	666	2740	8090	1080	3390
16	621	165	259	2990	291	816	8540	744	3490	8890	1150	3620
17	773	153	254	3840	297	1130	7820	741	3200	9190	1290	3720
18	421	146	204	6670	330	1840	7830	765	2890	8950	1210	3480
19	379	134	191	6150	357	1920	7870	821	2830	8970	1200	3490
20	293	119	171	10500	458	3390	8100	869	2790	7860	1240	3230
21	203	113	152	5740	487	2170	8940	988	3240	8220	1340	3260
22	247	112	159	7940	527	2660	8100	1100	3240	8540	1500	3580
23	237	122	162	7280	660	2680	6840	1190	2990	8650	1620	3770
24	248	132	172	6570	718	2320	7580	1210	3010	8480	1710	3950
25	261	141	186	6570	749	2110	8580	1440	3690	8530	1800	4190
26	487	150	224	4800	783	1810	9110	1660	4300	9070	1920	4910
27	226	160	183	4770	871	1860	8750	1260	3770	9900	2110	5580
28	207	168	186	6660	883	2230	8590	1390	4500	10800	2370	6220
29	207	152	180	9570	1310	4320	9810	1180	4940	14300	2800	7590
30	---	---	---	11300	1690	5730	11000	1390	5650	19300	3380	10200
31	---	---	---	11400	1090	5640	---	---	---	18400	3170	9570
MONTH	14500	112	1470	11400	146	1580	19300	641	4900	19300	546	4350

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	21200	3240	9780	20000	3780	9550	24000	4240	11800	5330	954	2730
2	23600	4020	11300	19600	3930	9350	23700	4850	12400	6100	1040	2980
3	23500	3590	11300	20200	4000	9490	23800	5440	12800	6400	1140	3140
4	23600	4120	11600	19900	4410	9880	21800	5480	12400	6140	1130	2890
5	23500	5290	11900	20300	4750	10200	20000	5690	12000	6020	1230	2940
6	24100	6140	13200	18900	5190	10500	20000	5840	12100	5970	950	2740
7	24000	5930	13600	18800	5520	11100	21800	6840	13300	2610	480	1330
8	23000	7180	13600	17900	5560	10900	19300	6740	12300	1190	296	678
9	20000	7020	12700	16700	5580	10500	18500	6810	11900	612	224	365
10	18400	6750	12400	16700	5400	9920	18000	7110	12100	489	209	307
11	17800	6420	11400	16300	5160	9800	18000	7360	12200	801	215	349
12	20600	6630	12600	14300	4550	8430	17300	7170	12000	1880	224	471
13	22300	7790	14300	13900	3940	7960	15600	5890	10500	2150	227	559
14	18700	3030	10700	14400	3990	7990	15600	5210	10800	1800	246	618
15	17100	4810	10400	13800	3960	8190	13900	3610	8970	1400	241	555
16	13500	1730	8840	18400	4440	9640	13900	3570	7440	1520	234	564
17	12300	3440	6460	18900	4610	10100	13500	3730	7540	1760	220	555
18	11800	2960	6080	17000	4700	9640	12900	3980	7740	984	214	406
19	14200	3340	6760	17800	4710	9930	12200	3500	7120	1570	233	523
20	17400	3880	8210	17100	4470	9380	11700	3550	6890	4800	269	1060
21	17400	4700	9060	16800	4600	9630	10900	3480	6450	6870	309	1480
22	16700	4050	8160	16500	4620	9590	12100	3470	6710	4010	349	1170
23	12000	4000	7050	16100	4070	9040	14200	3740	7670	3450	358	1050
24	11100	4010	7200	14700	3540	8430	15700	3610	7970	6250	428	1620
25	11700	3990	7700	15600	3130	7970	16300	3720	8250	8390	514	2350
26	12200	4180	7830	16700	2840	8030	16400	3570	8350	9780	636	3100
27	16800	4620	9710	18800	2690	8870	18200	3560	8900	9220	639	3410
28	16100	4280	9400	19900	1900	8920	19900	4180	9960	4440	479	1560
29	19400	4330	10200	20400	2700	8910	12400	1780	5630	3870	468	1580
30	20800	4760	11000	23200	3160	10400	6110	909	3070	5530	571	2050
31	---	---	---	24900	3820	11700	5760	921	2820	---	---	---
MONTH	24100	1730	10100	24900	1900	9480	24000	909	9360	9780	209	1500

ASHLEY RIVER BASIN

02172084 ASHLEY RIVER AT BAKERS LANDING NEAR NORTH CHARLESTON, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	23.1	21.3	22.3	20.0	18.2	19.0	---	---	---	---	---	---	---		
2	22.6	21.1	21.8	19.9	18.0	18.9	---	---	---	---	---	---	---		
3	21.9	20.1	21.0	19.9	18.4	19.1	---	---	---	---	---	---	---		
4	21.6	19.8	20.7	20.4	19.0	19.7	---	---	---	---	---	---	---		
5	21.9	20.3	20.9	20.9	19.8	20.3	---	---	---	---	---	---	---		
6	22.0	20.4	21.1	---	---	---	---	---	---	---	---	---	---		
7	22.2	20.9	21.4	22.1	21.3	21.6	---	---	---	---	---	---	---		
8	22.5	21.2	21.7	22.0	20.8	21.6	---	---	---	---	---	---	---		
9	22.6	21.6	22.1	---	---	---	---	---	---	---	---	---	---		
10	22.3	21.7	21.9	---	---	---	---	---	---	---	---	---	---		
11	22.1	21.6	21.8	---	---	---	---	---	---	---	---	---	---		
12	22.1	21.4	21.8	---	---	---	---	---	---	---	---	---	---		
13	22.4	21.4	21.9	---	---	---	---	---	---	---	---	---	---		
14	22.7	21.9	22.4	---	---	---	---	---	---	---	---	---	---		
15	22.5	21.8	22.1	---	---	---	---	---	---	---	---	---	---		
16	22.0	21.2	21.6	---	---	---	---	---	---	---	---	---	---		
17	22.2	21.1	21.4	---	---	---	---	---	---	---	---	---	---		
18	21.7	21.1	21.4	---	---	---	---	---	---	---	---	---	---		
19	21.6	20.7	21.1	---	---	---	---	---	---	---	---	---	---		
20	21.5	20.5	20.9	---	---	---	---	---	---	---	---	---	---		
21	21.6	20.5	20.9	17.5	16.2	17.0	---	---	---	---	---	---	---		
22	21.6	20.4	20.9	---	---	---	---	---	---	---	---	---	---		
23	21.0	19.4	20.3	---	---	---	---	---	---	---	---	---	---		
24	20.5	19.2	19.8	---	---	---	---	---	---	---	---	---	---		
25	20.2	18.9	19.6	---	---	---	---	---	---	---	---	---	---		
26	20.6	19.4	20.1	---	---	---	---	---	---	---	---	---	---		
27	20.8	20.1	20.5	---	---	---	---	---	---	---	---	---	---		
28	21.0	20.4	20.6	---	---	---	---	---	---	---	---	---	---		
29	20.6	19.4	19.8	---	---	---	---	---	---	---	---	---	---		
30	20.2	18.3	19.4	---	---	---	---	---	---	7.0	6.2	6.5	---		
31	20.1	18.3	19.2	---	---	---	---	---	---	7.2	6.4	6.7	---		
MONTH	23.1	18.3	21.0	---	---	---	---	---	---	---	---	---	---		

DAY	MAX	MIN	MEAN	FEBRUARY			MARCH			APRIL			MAY		
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.0	6.3	6.6	9.5	8.0	8.7	17.5	16.6	17.1	23.4	22.9	23.1	---	---	---
2	7.1	6.2	6.6	12.1	9.0	10.2	17.2	16.3	16.8	23.4	22.9	23.1	---	---	---
3	7.9	7.0	7.5	14.4	10.4	12.1	17.4	16.0	16.7	23.3	22.1	22.9	---	---	---
4	8.7	7.3	7.9	16.1	11.5	13.9	17.4	16.4	16.9	22.8	21.7	22.2	---	---	---
5	8.8	7.8	8.2	17.8	13.1	15.8	17.3	16.3	16.7	22.7	20.9	21.8	---	---	---
6	11.1	8.5	9.7	18.8	14.9	17.3	17.3	16.0	16.7	23.4	21.3	22.3	---	---	---
7	12.4	10.5	11.5	19.1	16.0	17.9	17.7	16.2	16.9	24.2	22.2	23.2	---	---	---
8	11.8	10.2	11.1	18.0	16.3	17.4	17.9	16.8	17.3	25.2	23.0	24.0	---	---	---
9	11.1	10.0	10.6	16.7	15.2	16.0	18.8	17.1	17.9	25.5	23.7	24.5	---	---	---
10	10.8	10.2	10.6	15.5	14.7	15.0	19.6	17.5	18.5	25.3	23.8	24.6	---	---	---
11	10.9	10.3	10.6	14.9	13.4	14.2	20.4	18.4	19.3	25.1	24.1	24.6	---	---	---
12	10.7	9.7	10.2	14.8	13.2	14.1	21.0	19.4	20.1	25.3	24.3	24.9	---	---	---
13	10.3	9.3	9.9	14.8	13.2	14.1	21.1	19.9	20.5	25.5	24.6	25.1	---	---	---
14	10.2	9.6	9.8	14.7	13.2	14.1	20.6	19.1	19.8	26.0	24.9	25.5	---	---	---
15	9.9	9.5	9.7	15.4	14.1	14.8	19.3	18.3	19.0	26.4	25.3	25.8	---	---	---
16	9.8	9.1	9.5	15.8	15.1	15.4	19.6	18.5	19.0	26.5	25.6	25.9	---	---	---
17	9.6	8.1	9.0	16.1	15.0	15.7	19.9	18.7	19.3	26.6	25.6	26.0	---	---	---
18	8.5	7.7	8.1	16.2	15.2	15.7	20.9	19.2	19.9	26.7	25.3	26.1	---	---	---
19	8.4	7.6	8.0	17.2	15.6	16.3	21.6	19.9	20.6	26.7	25.5	26.2	---	---	---
20	9.3	7.9	8.5	17.3	16.3	16.7	22.2	20.5	21.1	27.0	25.6	26.4	---	---	---
21	11.5	9.0	10.0	18.2	16.6	17.2	22.7	21.0	21.7	27.7	26.1	26.9	---	---	---
22	12.1	10.0	11.0	16.9	16.1	16.5	23.3	21.5	22.2	28.1	26.7	27.3	---	---	---
23	12.0	10.8	11.4	16.1	15.2	15.5	23.7	22.2	22.8	28.3	27.1	27.5	---	---	---
24	12.0	11.3	11.7	15.7	14.5	15.2	24.4	22.5	23.4	29.1	27.2	27.7	---	---	---
25	11.9	11.2	11.6	16.4	14.8	15.6	24.8	23.1	23.8	29.3	27.5	28.1	---	---	---
26	11.2	9.8	10.3	17.2	15.4	16.3	24.7	23.5	24.0	29.1	27.8	28.3	---	---	---
27	9.8	8.0	8.9	18.0	16.3	16.9	24.3	23.4	23.9	29.0	28.0	28.5	---	---	---
28	8.8	7.2	8.1	18.2	16.9	17.5	23.8	23.0	23.4	29.1	28.1	28.6	---	---	---
29	8.7	7.1	8.0	18.6	16.7	17.5	23.5	22.6	23.2	29.3	28.3	28.8	---	---	---
30	---	---	---	17.6	16.5	17.3	23.6	22.8	23.3	29.3	28.4	28.9	---	---	---
31	---	---	---	17.6	16.7	17.3	---	---	---	29.3	28.4	28.9	---	---	---
MONTH	12.4	6.2	9.5	19.1	8.0	15.4	24.8	16.0	20.1	29.3	20.9	25.7	---	---	---

02172084 ASHLEY RIVER AT BAKERS LANDING NEAR NORTH CHARLESTON, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	29.3	28.1	28.5	29.5	28.0	28.7	30.2	29.2	29.5	27.5	26.5	27.0
2	29.1	27.8	28.3	29.2	28.1	28.6	29.9	28.8	29.4	27.4	26.8	27.1
3	29.1	28.0	28.5	29.4	28.0	28.7	29.8	28.8	29.4	27.3	26.5	26.9
4	28.6	27.9	28.1	29.9	28.3	29.1	30.3	29.0	29.7	27.5	26.7	27.1
5	28.3	27.0	27.6	30.6	29.0	29.7	30.8	29.5	30.1	27.3	26.9	27.1
6	28.2	27.3	27.8	31.1	29.5	30.2	30.4	28.9	29.8	27.0	25.9	26.5
7	28.5	27.3	27.9	31.5	30.0	30.6	29.5	28.3	28.8	26.3	25.6	26.0
8	28.3	27.6	27.9	31.4	30.3	30.8	28.6	27.5	28.1	26.6	25.6	26.1
9	28.3	27.2	27.7	31.3	30.4	30.8	28.5	27.5	27.9	27.2	25.9	26.5
10	28.4	27.3	27.9	31.3	30.3	30.7	28.4	27.4	27.8	27.1	26.6	26.8
11	29.0	27.8	28.4	31.3	30.3	30.7	28.2	27.5	27.8	26.9	26.1	26.7
12	29.6	28.4	29.0	30.8	30.0	30.4	28.3	27.5	27.9	26.6	25.6	26.1
13	28.9	27.3	28.5	31.3	29.9	30.5	27.6	27.0	27.4	26.0	25.0	25.5
14	28.1	27.2	27.6	31.6	30.4	30.9	27.6	26.7	27.1	25.5	24.5	25.0
15	28.0	27.3	27.6	31.5	30.6	31.0	27.2	26.4	27.0	25.1	24.0	24.5
16	28.0	27.3	27.6	31.4	30.4	30.9	27.5	26.4	26.9	25.6	23.9	24.8
17	28.3	27.0	27.6	31.2	30.2	30.7	27.4	26.7	27.0	26.1	24.9	25.5
18	29.3	27.3	28.2	30.6	29.8	30.1	28.1	26.7	27.3	26.0	25.0	25.5
19	30.0	28.1	28.9	30.2	29.1	29.8	28.7	27.3	27.9	25.7	24.7	25.1
20	29.8	28.9	29.4	30.2	28.5	29.6	29.1	27.9	28.4	25.1	23.5	24.1
21	29.5	28.7	29.0	30.3	29.1	29.7	29.3	28.5	28.8	23.8	22.5	23.3
22	29.6	28.4	29.0	30.8	29.3	29.9	29.3	28.6	28.8	23.8	22.4	23.1
23	29.9	28.7	29.2	31.1	29.6	30.1	28.8	28.4	28.6	23.9	22.5	23.1
24	29.9	28.7	29.3	30.6	29.9	30.2	28.9	27.9	28.4	23.9	22.6	23.2
25	30.5	28.9	29.5	30.5	29.7	30.1	29.0	27.8	28.4	24.0	22.8	23.3
26	30.0	29.2	29.6	30.6	29.7	30.2	28.5	27.9	28.2	23.9	22.9	23.4
27	30.1	29.3	29.7	30.9	29.7	30.3	28.2	27.5	27.9	24.5	23.3	23.9
28	30.0	29.2	29.7	31.0	29.9	30.4	28.1	27.4	27.7	25.1	24.0	24.5
29	30.2	29.2	29.7	30.6	29.8	30.2	27.7	25.4	26.3	25.5	24.4	24.9
30	30.0	28.1	29.6	30.7	29.5	30.0	26.4	25.0	25.8	25.4	24.9	25.1
31	---	---	---	30.5	29.4	29.9	27.0	25.7	26.4	---	---	---
MONTH	30.5	27.0	28.6	31.6	28.0	30.1	30.8	25.0	28.1	27.5	22.4	25.3

ASHLEY RIVER BASIN

02172084 ASHLEY RIVER AT BAKERS LANDING NEAR NORTH CHARLESTON, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	5.0	4.7	4.9	6.3	6.0	6.1	---	---	---	---	---	---
2	5.2	4.9	5.0	6.3	6.0	6.2	---	---	---	---	---	---
3	5.4	5.1	5.2	6.2	5.9	6.1	---	---	---	---	---	---
4	5.5	5.2	5.3	6.2	5.8	6.0	---	---	---	---	---	---
5	5.4	5.2	5.3	6.0	5.7	5.9	---	---	---	---	---	---
6	5.4	5.2	5.3	---	---	---	---	---	---	---	---	---
7	5.3	5.1	5.2	5.9	5.5	5.7	---	---	---	---	---	---
8	5.2	4.9	5.1	6.0	5.4	5.7	---	---	---	---	---	---
9	5.2	4.8	5.0	---	---	---	---	---	---	---	---	---
10	5.2	4.8	5.0	---	---	---	---	---	---	---	---	---
11	5.1	4.4	4.9	---	---	---	---	---	---	---	---	---
12	5.1	4.6	4.9	---	---	---	---	---	---	---	---	---
13	5.2	4.8	5.0	---	---	---	---	---	---	---	---	---
14	5.1	4.8	5.0	---	---	---	---	---	---	---	---	---
15	5.4	4.9	5.1	---	---	---	---	---	---	---	---	---
16	5.7	5.1	5.3	---	---	---	---	---	---	---	---	---
17	6.0	5.3	5.5	---	---	---	---	---	---	---	---	---
18	5.9	5.5	5.6	---	---	---	---	---	---	---	---	---
19	6.1	5.5	5.8	---	---	---	---	---	---	---	---	---
20	6.3	5.6	5.9	---	---	---	---	---	---	---	---	---
21	6.6	5.7	6.1	6.6	6.2	6.4	---	---	---	---	---	---
22	7.0	5.7	6.2	---	---	---	---	---	---	---	---	---
23	6.8	5.7	6.1	---	---	---	---	---	---	---	---	---
24	6.8	5.7	6.2	---	---	---	---	---	---	---	---	---
25	6.8	5.7	6.2	---	---	---	---	---	---	---	---	---
26	6.7	5.7	6.2	---	---	---	---	---	---	---	---	---
27	6.3	5.7	6.0	---	---	---	---	---	---	---	---	---
28	6.1	5.5	5.7	---	---	---	---	---	---	---	---	---
29	6.5	5.5	6.1	---	---	---	---	---	---	12.0	---	---
30	6.4	5.9	6.2	---	---	---	---	---	---	11.9	11.1	11.5
31	6.3	6.0	6.2	---	---	---	---	---	---	12.0	11.2	11.5
MONTH	7.0	4.4	5.5	---	---	---	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	11.7	11.2	11.4	10.3	9.8	10.1	7.6	6.9	7.2	4.8	4.0	4.4
2	11.7	11.2	11.5	10.2	9.5	10.0	7.6	7.1	7.3	5.1	3.8	4.5
3	11.6	11.0	11.4	9.9	8.6	9.6	7.8	7.1	7.4	5.0	4.2	4.6
4	11.5	11.0	11.2	9.8	8.3	9.1	8.0	7.1	7.5	5.1	4.0	4.5
5	11.4	10.4	11.0	9.5	7.9	8.6	8.2	7.0	7.5	5.2	4.3	4.6
6	11.2	10.0	10.7	9.1	7.6	8.1	8.5	7.0	7.6	5.0	4.2	4.5
7	10.5	9.6	10.1	8.4	7.1	7.7	8.6	7.0	7.6	4.9	4.0	4.3
8	10.4	9.5	10.0	8.2	7.1	7.8	8.0	6.7	7.3	4.9	3.8	4.2
9	10.2	9.5	9.9	8.3	7.5	8.0	8.0	6.5	7.1	4.7	3.7	4.1
10	10.0	9.3	9.6	8.8	7.7	8.2	8.1	6.3	6.9	4.4	3.6	3.9
11	10.1	9.3	9.6	9.4	8.1	8.7	8.0	6.3	6.8	4.2	3.5	3.8
12	10.2	9.4	9.7	9.7	8.3	9.0	7.9	6.1	6.9	4.3	3.5	3.8
13	10.2	9.4	9.8	10.1	8.3	9.3	7.4	5.9	6.7	4.2	3.6	3.8
14	9.8	9.2	9.5	10.2	8.2	9.4	7.3	5.6	6.5	4.1	3.6	3.8
15	9.5	9.1	9.3	10.4	8.2	9.5	7.1	5.7	6.5	4.2	3.6	3.8
16	9.5	9.1	9.3	10.2	8.1	9.3	6.8	5.9	6.3	4.2	3.5	3.8
17	9.6	9.3	9.4	10.2	7.9	9.1	6.4	5.5	6.0	4.1	3.5	3.7
18	10.0	9.5	9.7	10.4	7.8	8.9	6.2	5.5	5.9	4.0	3.4	3.7
19	10.1	9.6	9.9	10.1	7.8	8.8	6.3	5.2	5.7	4.1	3.4	3.6
20	10.3	9.8	10.0	9.2	7.6	8.3	6.1	5.2	5.5	4.0	3.3	3.6
21	10.0	9.3	9.7	8.9	7.4	8.0	5.9	4.9	5.3	4.0	3.2	3.6
22	9.8	8.8	9.3	8.7	7.5	8.0	5.7	4.7	5.1	4.1	3.3	3.6
23	9.5	8.5	9.0	9.0	7.6	8.1	5.5	4.6	4.9	4.1	3.2	3.6
24	9.3	8.3	8.7	8.9	7.7	8.2	5.1	4.3	4.7	4.2	3.2	3.5
25	8.9	8.3	8.6	8.8	7.7	8.2	5.1	4.0	4.5	4.0	3.1	3.4
26	9.2	8.8	9.0	8.9	7.7	8.1	5.1	3.7	4.4	4.1	3.0	3.5
27	9.8	9.1	9.4	8.5	7.5	7.9	4.9	3.8	4.3	4.6	3.2	3.7
28	10.2	9.4	9.8	8.1	7.3	7.7	5.0	3.7	4.3	4.5	3.3	3.8
29	10.3	9.6	10.0	---	---	---	4.9	3.9	4.4	4.7	3.0	3.7
30	---	---	---	---	---	---	4.9	3.9	4.4	4.6	3.0	3.6
31	---	---	---	7.4	6.8	7.1	---	---	---	4.2	2.8	3.4
MONTH	11.7	8.3	9.9	---	---	---	8.6	3.7	6.1	5.2	2.8	3.9

02172084 ASHLEY RIVER AT BAKERS LANDING NEAR NORTH CHARLESTON, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	4.4	2.8	3.4	4.9	3.7	4.3	3.6	3.0	3.3	3.9	3.4	3.7
2	4.5	3.2	3.5	4.5	3.3	3.8	3.7	3.1	3.4	3.8	3.4	3.6
3	4.3	3.1	3.4	4.7	3.3	3.8	3.8	3.2	3.4	4.0	3.5	3.7
4	4.0	3.2	3.6	5.0	3.2	3.9	3.7	3.1	3.4	4.2	3.6	3.9
5	4.0	3.4	3.7	5.4	3.2	4.1	3.8	3.0	3.3	4.3	3.9	4.1
6	3.9	3.4	3.7	5.6	3.3	4.3	3.8	3.1	3.4	4.7	4.2	4.5
7	4.1	3.5	3.7	6.6	3.7	4.6	4.0	3.3	3.6	5.1	4.5	4.8
8	4.3	3.6	3.8	6.9	3.7	4.7	4.2	3.6	3.8	5.1	4.5	4.8
9	4.3	3.7	3.9	6.1	3.7	4.7	4.3	3.6	3.8	4.5	3.4	4.2
10	4.2	3.7	3.9	5.6	3.6	4.5	4.2	3.5	3.8	3.8	2.9	3.4
11	4.3	3.6	3.9	5.3	3.2	4.2	3.9	3.4	3.6	3.7	2.7	3.1
12	4.4	3.7	4.0	4.7	3.1	3.6	4.0	3.4	3.7	3.7	2.8	3.2
13	4.4	4.0	4.1	4.8	2.8	3.5	3.9	3.6	3.7	3.6	3.1	3.3
14	4.4	3.9	4.2	5.0	2.9	3.6	4.2	3.4	3.7	3.6	3.1	3.4
15	4.2	3.9	4.1	4.9	2.9	3.7	4.6	3.5	3.8	3.7	3.3	3.5
16	4.7	3.8	4.0	5.1	3.1	3.9	3.9	3.4	3.6	3.7	3.3	3.5
17	4.3	3.7	4.0	4.6	2.9	3.8	3.6	3.2	3.5	4.2	3.6	3.9
18	4.4	3.6	4.0	4.3	3.0	3.5	3.9	3.3	3.5	4.0	3.5	3.8
19	4.5	3.7	4.0	4.0	2.8	3.4	3.9	3.3	3.5	4.1	3.3	3.8
20	4.6	3.6	4.1	3.8	2.8	3.3	3.8	3.3	3.5	4.4	3.8	4.1
21	5.1	3.8	4.3	4.1	2.7	3.2	3.9	3.2	3.5	4.6	4.0	4.2
22	4.9	3.8	4.4	4.0	2.7	3.1	4.0	3.2	3.4	4.8	3.8	4.4
23	4.9	4.0	4.5	4.4	2.7	3.2	3.8	3.1	3.4	4.6	4.1	4.4
24	5.5	4.2	4.6	4.2	2.9	3.3	3.8	3.2	3.4	4.6	4.1	4.3
25	6.1	4.1	4.5	3.7	3.0	3.3	3.8	3.2	3.5	4.7	4.1	4.4
26	6.0	4.1	4.7	3.5	3.0	3.2	3.7	3.3	3.5	4.9	4.3	4.5
27	7.2	4.0	5.2	3.6	2.9	3.2	3.8	3.4	3.5	5.1	4.4	4.7
28	7.3	4.3	5.3	3.5	3.0	3.2	3.9	3.5	3.7	5.0	4.5	4.8
29	7.2	4.2	5.4	3.7	2.9	3.3	5.6	3.8	4.7	4.5	4.0	4.3
30	5.7	4.0	4.9	3.6	3.1	3.4	4.9	4.1	4.5	4.2	3.7	4.0
31	---	---	---	3.8	3.1	3.3	4.3	3.7	4.0	---	---	---
MONTH	7.3	2.8	4.2	6.9	2.7	3.7	5.6	3.0	3.6	5.1	2.7	4.0

CHARLESTON HARBOR

021720869 ASHLEY RIVER NEAR NORTH CHARLESTON, SC

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1992 TO 1995, 2004.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE (TOP): July 1992 to September 1995, March 2004 to September 2004.

SPECIFIC CONDUCTANCE (BOTTOM): July 1992 to September 1994, March 2004 to September 2004.

SALINITY (TOP): March 1993 to September 1995 (discontinued).

SALINITY (BOTTOM): April 1993 to September 1994 (discontinued).

WATER TEMPERATURE (TOP): July 1992 to September 1995, March 2004 to September 2004.

WATER TEMPERATURE (BOTTOM): July 1992 to September 1994, March 2004 to September 2004.

DISSOLVED OXYGEN (TOP): July 1992 to September 1995, March 2004 to September 2004.

DISSOLVED OXYGEN (BOTTOM): July 1992 to September 1994, March 2004 to September 2004.

INSTRUMENTATION.--Water-quality multiprobe and data collection platform.

REMARKS.--Specific conductance (Top) records rated excellent except for Apr. 17 to May 4, May 15-20, June 20, 21, which are good. Specific conductance (Bottom) rated excellent except for May 16-20, Sep. 10-20, which are good. Temperature (Top) records rated excellent. Temperature (Bottom) records rated excellent. Dissolved oxygen (Top) records rated good except for July 16-19, Aug. 2, 9-11, 23, 24, 31, Sep. 1, which are fair, and Mar. 17 to Apr. 25, Aug. 12, which are poor. Dissolved oxygen (Bottom) records rated good except for June 5-8, 12, 13, 24, 25, July 28-31, Aug. 7, 8, 29, 30, which are fair, and Mar. 17-May 25, June 14-21, June 26 to July 6, Aug. 1, 2, 9-12, and Aug. 31, Sep. 1, which are poor. Prior to October 1, 2003 dissolved oxygen concentrations are not corrected for salinity.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE (TOP): Maximum, 40,300 microsiemens, Sep. 18, 1993; minimum, 60 microsiemens, Oct. 14, 15, 1994.

SPECIFIC CONDUCTANCE (BOTTOM): Maximum, 39,300 microsiemens, Sep. 20, 1993; minimum, 100 microsiemens, Jan. 13-23, 1993, Aug. 17, 22, 25, 1994.

SALINITY (TOP): Maximum 25.8 ppt, Sep. 18, 1993; minimum 0.0 ppt, Aug. 17, 18, Oct. 14, 15, 1994.

SALINITY (BOTTOM): Maximum 24.8 ppt, Sep. 19, 1993, Dec. 10, 1994; minimum 0.0 ppt, Jan. 13, 14, 17-23, 1993, Aug. 17-20, 22-25, 1994.

WATER TEMPERATURE (TOP): Maximum, 32.0°C, July 23, 28, 29, 1994, July 20-24, 1995; minimum, 5.5°C, Jan. 21, 22, 1994.

WATER TEMPERATURE (BOTTOM): Maximum, 31.6°C, July 11, 14, 15, 2004; minimum, 6.0°C, Jan. 21-23, 1994.

DISSOLVED OXYGEN (TOP): Maximum, 15.2 mg/L, Jan. 26, 1994; minimum, 1.5 mg/L, July 13, 14, 1994.

DISSOLVED OXYGEN (BOTTOM): Maximum, 15.5 mg/L, Jan. 26, 1994; minimum, 1.0 mg/L, Aug. 3, 2004.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE (TOP): Maximum, 38,700 microsiemens, June 6; minimum, 2,930 microsiemens, Sep. 18.

SPECIFIC CONDUCTANCE (BOTTOM): Maximum, 38,900 microsiemens, Aug. 2; minimum, 3,890 microsiemens, Sep. 18.

WATER TEMPERATURE (TOP): Maximum, 31.8°C, July 7, 15; minimum, 14.8°C, Mar. 24.

WATER TEMPERATURE (BOTTOM): Maximum, 31.6°C, July 11, 14, 15; minimum, 14.8°C, Mar. 24.

DISSOLVED OXYGEN (TOP): Maximum, 9.9 mg/L, Mar. 27; minimum, 2.1 mg/L, Aug. 4, 6.

DISSOLVED OXYGEN (BOTTOM): Maximum, 8.9 mg/L, Mar. 24-26; minimum, 1.0 mg/L, Aug. 3.

021720869 ASHLEY RIVER NEAR NORTH CHARLESTON, SC--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	---	---	---	30700	19700	25700	29100	15700	23600
2	---	---	---	---	---	---	31400	19700	26600	27300	14500	21700
3	---	---	---	---	---	---	33100	20500	27800	26200	10300	19100
4	---	---	---	---	---	---	33800	20400	27800	30900	10500	20000
5	---	---	---	---	---	---	34400	21000	28800	31400	11000	21000
6	---	---	---	---	---	---	35300	21300	29000	31900	11200	21200
7	---	---	---	---	---	---	35200	21000	28700	32100	12500	22100
8	---	---	---	---	---	---	35400	21900	28800	32100	12600	22200
9	---	---	---	---	---	---	35400	22800	29100	32100	14200	22900
10	---	---	---	---	---	---	35600	23500	29600	31900	14500	23300
11	---	---	---	---	---	---	35200	23000	29100	31600	14900	23400
12	---	---	---	---	---	---	34400	20100	27500	30900	14800	23400
13	---	---	---	---	---	---	32400	16500	25200	30800	15200	23500
14	---	---	---	---	---	---	30000	14700	22300	30500	14700	23800
15	---	---	---	---	---	---	30900	16300	24700	31600	15000	24100
16	---	---	---	---	---	---	31500	17100	25700	32100	15500	24500
17	---	---	---	---	---	---	30800	16400	24800	32700	16400	24600
18	---	---	---	29500	12200	22800	30600	15300	23900	32800	15900	24600
19	---	---	---	29200	11500	21900	30700	15400	23600	33000	16600	24900
20	---	---	---	31100	14000	23900	30800	15300	23500	30600	16700	24100
21	---	---	---	29100	11600	21700	31200	17300	24500	30900	17400	24200
22	---	---	---	30300	12400	22100	30600	17800	24500	30900	18900	25000
23	---	---	---	30200	14800	22800	30300	18700	24500	31100	19700	25500
24	---	---	---	30000	14800	22100	30200	19400	24900	31000	20200	25400
25	---	---	---	29300	14400	21700	30500	21200	25800	30800	20400	25600
26	---	---	---	28300	15400	21500	---	---	---	31000	21500	26600
27	---	---	---	28600	16700	22400	---	---	---	31500	21700	27200
28	---	---	---	28500	17000	22300	---	---	---	32500	22400	27900
29	---	---	---	30700	19300	24900	30200	20800	25500	33100	22000	28600
30	---	---	---	32100	21800	26400	30200	19800	25400	36200	23800	30900
31	---	---	---	31600	20600	26600	---	---	---	35900	22600	30200
MONTH	---	---	---	---	---	---	---	---	---	36200	10300	24400

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	36100	22600	30100	34900	18800	27400	38000	23700	31700	---	---	---
2	38300	23800	31400	36200	18000	26400	38300	24700	32000	25700	9030	18200
3	38200	23800	31400	36400	19700	28300	38000	25300	32500	25800	10800	19000
4	38100	24400	31700	36300	20200	28400	37700	25500	32200	25400	11000	18600
5	38700	24800	31700	35700	21400	28900	37400	25700	32200	25700	12500	19200
6	38700	25700	32200	35900	21800	29300	36800	25800	32200	25200	12100	18700
7	38600	27000	32800	36900	22400	30300	38200	27600	33200	21000	9130	15000
8	38300	26000	32600	36100	22300	30500	37000	27600	32700	18200	6380	12400
9	37800	25000	32000	35700	22800	30300	36800	27100	32400	20700	5340	11000
10	37200	25100	32100	35600	22300	30000	36500	27600	32400	21600	5100	12700
11	36700	24300	31500	34800	23200	30000	36600	27800	32500	23900	6860	15400
12	37600	25000	32400	34900	22600	29300	36400	27600	32300	25200	6610	16400
13	38400	27900	33900	34200	22100	28500	34200	24300	29700	25400	6270	16300
14	37800	25100	32200	34900	22200	28800	33400	22900	29500	24900	5670	16100
15	35500	22700	28400	34800	22600	29000	32200	19900	27200	24000	3960	14300
16	31000	19200	24500	36600	23500	29900	31900	18900	25600	24000	3910	14200
17	31000	17800	24000	36500	23800	30200	32000	19500	26000	24600	3710	13500
18	30800	17500	24200	35800	23500	29900	31900	19100	25900	22100	2930	12100
19	32500	19200	25500	36600	24100	30800	31300	18600	25400	23800	3970	14500
20	33200	21300	27200	36600	25000	30700	31100	18800	25400	27500	7620	18100
21	33700	23000	28000	36300	25300	31200	31000	18700	25100	28900	9420	19300
22	33700	21600	27000	36400	25500	31500	31300	18800	25400	27100	9420	18300
23	31500	21600	26300	36500	25500	31400	31800	20300	26400	26800	8840	17900
24	31400	21500	26800	36100	24500	30800	32400	20000	26700	28800	10200	20200
25	31900	21800	27500	35800	23700	30400	32900	20100	26800	29400	11800	21600
26	32200	22500	27700	36600	23300	30500	32700	19400	26700	30000	12700	22000
27	34300	23200	29200	37300	23300	31100	33900	19400	27000	29200	12300	22200
28	34100	22000	28800	37300	22800	31000	33900	19500	27300	25200	7470	17600
29	35900	21700	29400	36800	22000	30200	29600	13000	22400	26000	7330	17500
30	36600	22300	29900	37700	22700	30700	---	---	---	27700	8740	19300
31	---	---	---	38200	23700	31700	---	---	---	---	---	---
MONTH	38700	17500	29400	38200	18000	29900	---	---	---	---	---	---

CHARLESTON HARBOR

021720869 ASHLEY RIVER NEAR NORTH CHARLESTON, SC--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	---	---	---	30900	22500	27000	31500	17200	25700
2	---	---	---	---	---	---	31600	22300	27200	29800	16000	23600
3	---	---	---	---	---	---	32700	22200	28000	29000	11400	21000
4	---	---	---	---	---	---	33100	20900	27800	30900	11400	21400
5	---	---	---	---	---	---	33600	21400	28400	31400	12000	22200
6	---	---	---	---	---	---	34300	21600	28400	31800	11800	21900
7	---	---	---	---	---	---	34100	20900	28100	32000	13100	22600
8	---	---	---	---	---	---	34300	21700	28200	32000	14200	23300
9	---	---	---	---	---	---	34300	22700	28400	31900	16000	24100
10	---	---	---	---	---	---	34500	23600	29100	31700	16700	24500
11	---	---	---	---	---	---	34300	23000	28700	31700	17500	24600
12	---	---	---	---	---	---	33800	21200	27200	31300	17900	24800
13	---	---	---	---	---	---	32100	16900	25100	30900	17500	24600
14	---	---	---	---	---	---	29300	15000	22600	30900	17300	24900
15	---	---	---	---	---	---	30600	17000	24800	31600	17900	25200
16	---	---	---	---	---	---	31100	18500	25700	32000	18200	25600
17	---	---	---	---	---	---	30700	17100	24900	32400	18600	25600
18	---	---	---	29800	13800	23300	30600	17000	24300	32500	17800	25700
19	---	---	---	29000	12600	22300	30900	16700	24100	32600	19500	26000
20	---	---	---	30900	16000	24200	31200	17300	24200	30700	19900	25500
21	---	---	---	29100	12400	22000	31500	18700	25200	31100	19200	25300
22	---	---	---	30000	12500	22700	31400	19600	25500	31200	20800	26200
23	---	---	---	30300	15800	23300	30500	20500	25800	31400	22100	26700
24	---	---	---	29600	16200	22600	30600	22100	26300	31400	22300	27000
25	---	---	---	29600	17300	22400	30900	23800	26900	31000	23300	27500
26	---	---	---	29300	17800	22400	---	---	---	31400	24000	28100
27	---	---	---	29000	20000	24500	---	---	---	32300	25000	28500
28	---	---	---	29000	21700	26500	---	---	---	32800	25300	29100
29	---	---	---	31400	23000	28200	32200	24000	27700	34300	25500	29900
30	---	---	---	32400	23200	27400	32300	23500	27600	36000	26000	31500
31	---	---	---	32800	22400	27300	---	---	---	35800	24300	31000
MONTH	---	---	---	---	---	---	---	---	---	36000	11400	25600

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	37000	23200	30800	36800	20900	29600	38500	24200	32000	25400	8990	17800
2	38200	24500	31800	37000	20400	29000	38900	25800	32600	26300	10200	19300
3	38300	24200	31800	37800	20600	29400	38600	26500	33100	26800	12200	20000
4	37800	24900	31800	37500	21900	30000	37800	26000	32600	26400	12900	19900
5	38500	25200	32000	37400	22900	30500	37400	26900	32700	27000	14500	20800
6	38500	27100	32900	37500	23900	31100	37400	26700	32800	26500	14700	20200
7	38600	27800	33300	36900	24900	31500	38400	28800	33900	21900	11300	16400
8	38300	27200	33100	35900	23600	30700	37200	28900	33400	19600	9330	14500
9	38000	26400	32600	36200	25600	31200	37100	29600	33200	24100	11500	18000
10	37400	26400	32700	35700	24500	30900	36600	30200	33300	25100	11900	18400
11	36700	25500	32000	35200	25900	30800	36600	29600	33200	25400	11800	18300
12	37300	25700	32600	34800	25800	30200	37100	29700	33300	26600	10200	18400
13	37600	28900	33900	34900	26400	30200	34600	25100	30600	26100	8300	18200
14	37200	27000	32300	34900	26300	30200	33800	22300	29800	26400	7800	17900
15	35200	23300	29300	35600	26000	30500	32300	22500	28300	26200	5420	16300
16	30900	19800	25100	35800	25400	31000	32000	19900	26200	26500	4990	16000
17	30400	18300	24200	35900	27400	31300	32200	19800	26500	26400	5700	15600
18	30200	19200	24900	35700	26500	31000	32000	20100	26500	24400	3890	13900
19	31600	20400	26000	36600	26500	31800	31800	19700	26100	27200	6460	17300
20	33400	22400	27700	36800	26700	31500	31500	19800	26100	28700	11000	20400
21	33700	24500	28600	36700	26400	31600	31100	19200	25900	29200	11400	20700
22	33800	24000	28300	36700	27300	32300	31700	19900	26300	28000	11700	19600
23	31900	23300	27600	36800	27100	32200	31800	21500	27100	27600	12100	19500
24	31800	22900	27700	36300	26400	31400	32000	21200	27200	28900	12500	21300
25	31100	23800	27800	36600	24800	31200	32200	22100	27600	29800	13400	22400
26	31600	23400	27400	36900	25900	31700	32200	21300	27300	30200	14100	22800
27	32400	22600	28100	37500	25200	32100	33000	20900	27500	28200	13100	21800
28	35000	23800	30000	37600	24600	31900	34000	21000	28000	25400	8230	18100
29	36600	23300	30500	37400	23200	31200	29700	13200	22900	26400	7670	18100
30	37400	23900	31100	38000	23000	31300	26300	9160	18100	27900	9410	19600
31	---	---	---	38500	24100	32200	26200	8860	17800	---	---	---
MONTH	38600	18300	29900	38500	20400	31000	38900	8860	28800	30200	3890	18700

021720869 ASHLEY RIVER NEAR NORTH CHARLESTON, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	---	---	---	17.9	16.5	17.4	23.7	23.1	23.3
2	---	---	---	---	---	---	17.4	16.0	17.0	23.6	23.0	23.3
3	---	---	---	---	---	---	17.7	16.1	16.9	23.8	22.9	23.3
4	---	---	---	---	---	---	17.8	16.4	17.1	23.2	21.9	22.5
5	---	---	---	---	---	---	17.5	16.2	16.9	23.0	21.7	22.3
6	---	---	---	---	---	---	17.6	16.4	17.0	23.6	22.0	22.7
7	---	---	---	---	---	---	17.9	16.8	17.3	24.8	22.7	23.4
8	---	---	---	---	---	---	18.3	17.5	17.8	25.7	23.5	24.3
9	---	---	---	---	---	---	19.3	17.8	18.3	26.0	24.2	24.7
10	---	---	---	---	---	---	19.8	18.2	18.9	25.6	24.4	24.9
11	---	---	---	---	---	---	20.6	19.1	19.8	25.7	24.6	25.0
12	---	---	---	---	---	---	20.8	19.9	20.4	25.8	24.9	25.2
13	---	---	---	---	---	---	21.1	20.1	20.6	26.0	25.1	25.6
14	---	---	---	---	---	---	20.3	19.0	19.4	26.4	25.4	26.0
15	---	---	---	---	---	---	19.1	18.2	18.8	26.8	25.8	26.3
16	---	---	---	---	---	---	19.6	18.6	19.1	27.0	26.1	26.5
17	---	---	---	---	---	---	20.3	18.9	19.6	27.3	26.2	26.7
18	---	---	---	16.6	15.7	16.2	21.2	19.5	20.3	27.5	26.5	26.8
19	---	---	---	17.5	16.0	16.7	21.9	20.2	21.1	27.5	26.5	27.0
20	---	---	---	17.4	16.4	17.0	22.3	20.8	21.5	27.9	26.6	27.3
21	---	---	---	17.9	16.9	17.3	22.6	21.2	22.0	28.4	27.1	27.7
22	---	---	---	17.3	15.8	16.5	23.2	21.8	22.5	28.8	27.4	27.9
23	---	---	---	16.1	15.0	15.7	23.8	22.5	23.1	28.6	27.5	27.9
24	---	---	---	16.0	14.8	15.5	24.8	23.1	23.7	29.8	27.4	28.1
25	---	---	---	16.9	15.4	16.0	24.8	23.7	24.1	29.4	27.6	28.3
26	---	---	---	17.5	16.0	16.8	---	---	---	29.0	27.8	28.3
27	---	---	---	19.9	16.6	17.6	---	---	---	29.2	27.8	28.2
28	---	---	---	19.7	17.3	18.2	---	---	---	28.9	27.8	28.2
29	---	---	---	20.0	17.5	18.2	23.6	22.3	23.1	28.7	27.8	28.3
30	---	---	---	18.2	17.2	17.9	23.8	22.8	23.4	28.9	28.0	28.5
31	---	---	---	18.2	17.4	17.8	---	---	---	29.1	28.1	28.6
MONTH	---	---	---	---	---	---	---	---	---	29.8	21.7	26.0

DAY	MAX	MIN	MEAN	Temperature, water, degrees Celsius			MAX	MIN	MEAN	MAX	MIN	MEAN
				MAX	MIN	MEAN						
	JUNE			JULY			AUGUST			SEPTEMBER		
1	29.0	27.8	28.3	29.5	28.9	29.2	30.1	29.5	29.8	---	---	---
2	28.8	27.6	28.2	29.4	28.8	29.1	30.1	29.1	29.6	27.8	27.1	27.4
3	29.2	27.8	28.4	29.6	28.5	29.1	30.1	29.2	29.6	28.0	26.7	27.2
4	28.6	27.4	28.1	30.0	28.9	29.5	31.4	29.4	30.0	28.3	26.7	27.2
5	28.3	27.1	27.7	30.5	29.3	29.9	31.7	29.8	30.4	27.7	26.9	27.2
6	28.6	27.6	28.0	31.0	29.8	30.4	30.8	29.3	30.0	27.0	26.1	26.5
7	28.9	27.8	28.4	31.8	30.3	30.9	29.4	28.3	28.8	26.5	26.1	26.3
8	29.3	28.2	28.6	31.6	30.5	31.0	28.6	27.8	28.3	27.0	26.2	26.6
9	29.3	28.0	28.7	31.6	30.6	31.0	28.6	27.6	28.1	28.2	26.1	27.0
10	29.5	28.2	28.9	31.4	30.4	31.0	28.6	27.5	28.1	27.7	27.0	27.2
11	29.8	28.6	29.2	31.7	30.6	31.2	28.3	27.8	28.1	27.2	26.7	27.1
12	30.1	29.0	29.6	31.3	30.6	31.0	28.5	27.7	28.1	27.0	26.1	26.7
13	29.7	28.7	29.1	31.4	30.4	31.0	28.0	27.0	27.6	26.8	26.0	26.3
14	28.8	28.1	28.4	31.7	30.6	31.3	27.6	26.7	27.3	26.0	25.7	25.8
15	28.4	27.3	27.9	31.8	30.5	31.2	27.8	27.0	27.3	25.7	25.4	25.5
16	28.0	27.6	27.8	31.5	30.1	30.9	27.8	26.8	27.2	26.3	25.3	25.8
17	28.3	27.6	27.9	31.5	30.4	30.8	27.9	27.1	27.4	26.6	25.8	26.2
18	29.7	27.8	28.5	30.8	29.7	30.4	28.1	27.1	27.6	27.0	25.6	26.1
19	30.2	28.5	29.2	30.3	29.5	29.9	28.8	27.6	28.1	26.3	25.0	25.5
20	30.2	29.1	29.5	30.9	29.3	29.9	29.6	28.1	28.7	25.5	23.7	24.3
21	29.5	28.9	29.1	31.2	29.4	29.9	29.5	28.5	28.9	24.3	23.2	23.6
22	29.8	28.6	29.1	31.1	29.5	30.1	30.4	28.5	28.8	24.3	23.2	23.7
23	29.8	28.7	29.2	31.1	29.8	30.2	28.9	28.4	28.6	24.6	23.3	24.0
24	29.9	28.5	29.1	30.9	30.0	30.3	29.5	28.1	28.6	24.4	23.7	24.2
25	30.2	28.8	29.3	31.6	29.8	30.2	29.0	28.2	28.7	24.5	23.8	24.1
26	29.8	28.8	29.3	30.6	29.6	30.2	28.7	28.2	28.5	24.3	23.9	24.1
27	29.7	28.8	29.4	30.9	29.8	30.4	28.4	27.8	28.1	25.0	24.0	24.4
28	29.7	28.7	29.3	31.0	30.1	30.6	28.4	27.6	27.9	25.4	24.6	24.9
29	29.8	28.6	29.4	30.7	29.9	30.4	27.8	25.8	26.7	25.7	24.9	25.3
30	30.1	29.2	29.6	30.8	29.8	30.2	---	---	---	26.0	25.3	25.5
31	---	---	---	30.6	29.7	30.1	---	---	---	---	---	---
MONTH	30.2	27.1	28.8	31.8	28.5	30.4	---	---	---	---	---	---

CHARLESTON HARBOR

021720869 ASHLEY RIVER NEAR NORTH CHARLESTON, SC--Continued

Temperature, water, degrees Celsius WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	---	---	---	17.9	16.8	17.3	23.6	23.0	23.2
2	---	---	---	---	---	---	17.4	16.3	16.8	23.5	22.8	23.2
3	---	---	---	---	---	---	17.2	16.1	16.7	23.7	23.0	23.2
4	---	---	---	---	---	---	17.6	16.3	17.0	23.0	22.0	22.5
5	---	---	---	---	---	---	17.4	16.1	16.8	23.0	21.6	22.3
6	---	---	---	---	---	---	17.5	16.3	16.9	23.5	22.0	22.6
7	---	---	---	---	---	---	17.8	16.7	17.2	24.4	22.7	23.4
8	---	---	---	---	---	---	18.1	17.4	17.7	25.0	23.5	24.2
9	---	---	---	---	---	---	18.8	17.7	18.2	25.3	24.2	24.7
10	---	---	---	---	---	---	19.7	18.1	18.8	25.4	24.3	24.9
11	---	---	---	---	---	---	20.4	19.0	19.7	25.4	24.5	25.0
12	---	---	---	---	---	---	20.7	19.8	20.3	25.7	24.8	25.3
13	---	---	---	---	---	---	20.8	20.1	20.5	26.0	25.1	25.6
14	---	---	---	---	---	---	20.2	18.9	19.4	26.5	25.5	26.0
15	---	---	---	---	---	---	19.0	18.2	18.7	26.8	25.9	26.3
16	---	---	---	---	---	---	19.6	18.5	19.0	27.0	26.1	26.5
17	---	---	---	---	---	---	20.2	18.8	19.5	27.3	26.1	26.7
18	---	---	---	16.5	15.6	16.1	21.1	19.4	20.2	27.4	26.4	26.8
19	---	---	---	17.3	15.9	16.6	21.8	20.1	20.9	27.6	26.4	27.0
20	---	---	---	17.3	16.3	16.9	22.2	20.7	21.4	27.8	26.5	27.1
21	---	---	---	17.8	16.7	17.2	22.6	21.1	21.8	28.0	26.9	27.4
22	---	---	---	17.3	15.9	16.5	23.0	21.7	22.3	28.1	27.2	27.7
23	---	---	---	16.0	15.0	15.6	23.4	22.4	22.9	28.0	27.4	27.7
24	---	---	---	15.9	14.8	15.4	24.0	23.0	23.4	28.1	27.3	27.7
25	---	---	---	16.5	15.3	15.8	24.6	23.6	23.9	28.4	27.5	27.9
26	---	---	---	17.4	16.0	16.6	---	---	---	28.4	27.7	28.0
27	---	---	---	17.7	16.8	17.2	---	---	---	28.4	27.7	28.1
28	---	---	---	18.5	17.4	17.7	---	---	---	28.5	27.7	28.1
29	---	---	---	18.1	17.4	17.6	23.4	22.5	23.0	28.5	27.8	28.1
30	---	---	---	18.0	17.4	17.7	23.7	22.8	23.2	28.7	28.0	28.4
31	---	---	---	18.0	17.4	17.7	---	---	---	28.9	28.1	28.4
MONTH	---	---	---	---	---	---	---	---	---	28.9	21.6	25.9

Temperature, water, degrees Celsius												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	28.8	27.8	28.1	29.6	28.9	29.2	30.1	29.7	29.9	27.6	27.0	27.3
2	28.6	27.5	28.1	29.4	28.8	29.1	30.1	29.2	29.6	27.6	27.1	27.4
3	29.0	27.7	28.2	29.7	28.5	29.1	30.1	29.2	29.6	27.6	26.7	27.1
4	28.4	27.3	27.9	30.1	28.9	29.4	30.6	29.4	29.9	27.7	26.7	27.2
5	28.1	27.0	27.5	30.5	29.4	29.8	30.9	29.8	30.4	27.7	26.9	27.2
6	28.3	27.5	27.9	31.0	29.8	30.3	30.9	29.6	30.1	27.2	26.1	26.6
7	28.8	27.6	28.2	31.5	30.3	30.9	29.9	28.3	28.9	26.4	26.0	26.2
8	28.9	28.0	28.4	31.4	30.4	31.0	28.7	27.8	28.3	26.9	26.2	26.5
9	29.0	27.8	28.5	31.3	30.5	31.0	28.7	27.7	28.2	27.4	26.8	26.9
10	29.2	28.0	28.7	31.4	30.6	31.0	28.6	27.7	28.2	27.3	27.1	27.2
11	29.6	28.4	29.1	31.6	30.8	31.2	28.3	27.9	28.2	27.3	26.8	27.1
12	29.9	29.0	29.5	31.4	30.8	31.0	28.5	28.0	28.2	26.9	26.4	26.7
13	29.5	28.4	28.9	31.3	30.5	30.9	28.0	27.4	27.7	26.7	26.0	26.3
14	28.5	28.0	28.2	31.6	30.8	31.2	27.6	26.9	27.3	26.0	25.6	25.8
15	28.1	27.5	27.8	31.6	30.7	31.1	27.6	27.0	27.3	25.7	25.4	25.5
16	27.8	27.4	27.6	31.2	30.2	30.7	27.7	26.9	27.2	26.2	25.3	25.7
17	28.1	27.4	27.7	31.1	30.3	30.7	27.6	27.1	27.4	26.6	25.8	26.2
18	28.8	27.6	28.1	30.7	29.9	30.3	28.1	27.1	27.5	26.6	25.7	26.1
19	29.4	28.3	28.8	30.3	29.4	29.9	28.6	27.6	28.1	26.4	25.1	25.5
20	29.6	28.8	29.3	30.2	29.5	29.8	29.2	28.2	28.6	25.5	23.8	24.4
21	29.3	28.7	29.0	30.3	29.5	29.9	29.2	28.6	28.9	24.1	23.0	23.6
22	29.4	28.6	29.0	30.6	29.6	30.1	29.2	28.6	28.8	24.1	23.0	23.6
23	29.6	28.8	29.2	30.7	29.8	30.3	28.9	28.4	28.7	24.4	23.3	23.9
24	29.4	28.8	29.1	30.8	30.0	30.4	29.0	28.1	28.6	24.3	23.7	24.1
25	30.0	28.9	29.3	30.6	29.9	30.3	29.1	28.3	28.7	24.4	23.8	24.0
26	29.7	29.0	29.3	30.7	29.8	30.3	28.8	28.2	28.5	24.2	23.8	24.0
27	29.8	29.0	29.4	31.0	30.0	30.5	28.4	27.9	28.1	24.9	24.0	24.4
28	29.7	29.0	29.3	31.1	30.4	30.7	28.4	27.7	27.9	25.3	24.5	24.9
29	29.8	29.1	29.5	30.8	30.2	30.5	27.8	26.0	26.7	25.6	24.8	25.2
30	30.2	29.2	29.6	30.8	30.0	30.3	26.8	25.7	26.2	25.6	25.2	25.4
31	---	---	---	30.7	29.9	30.2	27.6	26.5	27.0	---	---	---
MONTH	30.2	27.0	28.6	31.6	28.5	30.4	30.9	25.7	28.3	27.7	23.0	25.7

021720869 ASHLEY RIVER NEAR NORTH CHARLESTON, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	---	---	---	8.3	7.4	7.8	---	---	---
2	---	---	---	---	---	---	8.2	7.4	7.9	---	---	---
3	---	---	---	---	---	---	8.3	7.6	7.9	---	---	---
4	---	---	---	---	---	---	8.2	7.5	7.8	---	---	---
5	---	---	---	---	---	---	7.8	7.1	7.5	6.0	4.6	5.3
6	---	---	---	---	---	---	7.7	6.9	7.4	6.5	4.8	5.3
7	---	---	---	---	---	---	7.4	6.6	7.1	5.9	4.3	5.0
8	---	---	---	---	---	---	7.1	6.2	6.8	6.1	4.3	5.0
9	---	---	---	---	---	---	6.9	6.0	6.5	6.3	4.2	5.0
10	---	---	---	---	---	---	6.5	5.7	6.1	5.9	4.0	4.9
11	---	---	---	---	---	---	6.1	5.5	5.8	5.6	3.8	4.6
12	---	---	---	---	---	---	5.9	5.4	5.6	5.8	3.5	4.8
13	---	---	---	---	---	---	5.7	4.9	5.4	6.0	4.4	5.1
14	---	---	---	---	---	---	5.8	5.2	5.5	6.1	3.9	5.1
15	---	---	---	---	---	---	5.7	5.3	5.5	6.0	3.7	5.1
16	---	---	---	---	---	---	5.5	4.9	5.3	6.1	3.9	5.3
17	---	---	---	---	---	---	5.2	4.6	5.0	5.9	3.5	5.2
18	---	---	---	8.7	7.8	8.3	5.0	4.0	4.7	5.8	3.7	5.2
19	---	---	---	8.8	8.0	8.4	4.8	3.8	4.5	5.8	4.1	5.2
20	---	---	---	8.7	7.9	8.3	4.8	3.7	4.3	6.3	3.4	5.3
21	---	---	---	8.8	7.8	8.3	4.8	3.1	4.2	6.9	3.9	5.4
22	---	---	---	9.2	8.2	8.6	4.6	3.3	4.0	7.0	3.8	5.7
23	---	---	---	9.1	8.3	8.7	4.2	3.1	3.8	6.9	4.1	5.7
24	---	---	---	9.3	8.4	8.9	4.3	3.2	3.8	9.6	3.8	5.9
25	---	---	---	9.7	8.4	9.0	4.4	3.3	3.9	8.6	3.8	6.1
26	---	---	---	9.8	8.6	9.1	---	---	---	8.6	4.3	6.3
27	---	---	---	9.9	8.4	8.9	---	---	---	9.2	4.5	6.4
28	---	---	---	9.8	8.2	8.8	---	---	---	8.0	4.3	6.4
29	---	---	---	9.5	7.9	8.5	---	---	---	7.2	3.7	5.9
30	---	---	---	8.3	7.7	8.0	---	---	---	6.6	4.3	6.0
31	---	---	---	8.1	7.4	7.7	---	---	---	6.2	3.6	5.4
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	6.1	3.8	5.3	5.1	3.6	4.4	4.3	2.2	3.4	---	---	---
2	5.6	4.0	4.8	5.9	3.3	4.1	4.5	2.9	3.5	4.2	3.2	3.5
3	5.0	3.6	4.4	7.2	3.2	4.4	4.1	2.5	3.1	5.1	3.4	3.8
4	4.6	3.2	4.2	8.1	3.6	4.7	6.2	2.1	2.9	5.3	3.7	4.2
5	5.2	3.1	4.0	7.1	3.7	4.6	5.5	2.2	2.9	5.5	4.0	4.6
6	5.0	2.7	4.1	5.9	3.3	4.6	5.9	2.1	3.5	5.7	4.7	5.2
7	5.1	2.5	3.8	7.4	3.7	4.5	6.5	2.6	4.2	5.9	5.0	5.4
8	5.4	2.6	4.1	5.1	3.1	3.9	6.4	2.7	4.5	6.1	5.1	5.7
9	5.3	3.5	4.3	5.7	3.1	3.9	6.8	2.7	4.7	6.1	3.9	5.4
10	5.5	3.6	4.3	5.5	3.2	4.1	7.2	3.1	4.9	5.4	3.6	4.8
11	5.8	3.8	4.5	5.2	3.2	4.2	6.8	3.0	4.7	5.0	3.8	4.5
12	5.9	3.7	5.0	5.4	3.2	4.0	5.2	3.0	4.5	4.9	4.1	4.5
13	5.3	3.8	5.0	5.2	3.4	4.2	4.4	2.8	3.8	4.9	3.7	4.3
14	5.4	4.1	4.9	6.0	3.5	4.6	4.8	2.9	3.9	5.1	3.8	4.2
15	5.8	4.0	5.0	5.9	3.4	4.9	4.4	2.7	3.5	4.8	3.6	4.0
16	5.7	3.4	4.4	6.2	3.0	5.0	3.9	2.3	3.3	4.5	3.7	4.0
17	5.5	3.3	4.3	5.8	3.2	4.8	5.8	2.2	3.2	5.4	4.3	4.8
18	6.2	3.6	4.6	5.3	3.6	4.4	4.4	2.3	3.2	6.2	4.4	4.9
19	7.4	3.7	5.5	5.8	3.0	4.4	5.6	2.2	3.2	6.9	4.3	5.1
20	8.5	4.6	6.1	8.5	3.1	4.6	4.9	2.2	3.3	6.3	4.8	5.6
21	8.7	4.4	6.2	5.9	3.2	4.5	5.4	2.3	3.7	6.5	5.1	5.6
22	7.5	4.1	5.8	7.8	3.1	4.4	5.2	2.3	3.9	6.3	4.8	5.4
23	8.5	4.3	6.2	6.2	2.9	4.4	4.7	3.2	3.8	6.5	4.6	5.1
24	9.1	4.2	6.5	5.4	2.8	4.0	5.0	3.3	3.9	5.5	4.5	5.0
25	8.2	5.3	6.5	5.9	3.0	4.0	5.0	3.0	4.0	5.6	4.6	5.1
26	7.3	4.3	6.2	5.3	2.8	3.8	4.7	2.7	4.0	5.5	4.8	5.2
27	6.1	4.6	5.5	5.9	3.1	4.0	4.5	2.8	3.8	5.6	4.9	5.3
28	6.7	4.1	5.5	5.5	2.4	4.0	4.4	3.1	3.9	5.8	5.1	5.5
29	6.2	3.2	5.1	5.0	2.8	3.9	6.3	4.2	5.7	6.8	4.6	5.1
30	5.4	3.9	4.6	4.8	2.9	3.8	---	---	---	5.5	3.7	4.6
31	---	---	---	4.8	2.4	3.6	---	---	---	---	---	---
MONTH	9.1	2.5	5.0	8.5	2.4	4.3	---	---	---	---	---	---

CHARLESTON HARBOR

021720869 ASHLEY RIVER NEAR NORTH CHARLESTON, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	---	---	---	7.4	6.8	7.0	---	---	---
2	---	---	---	---	---	---	7.3	6.8	7.1	---	---	---
3	---	---	---	---	---	---	7.2	6.7	7.0	---	---	---
4	---	---	---	---	---	---	7.2	6.6	6.9	---	---	---
5	---	---	---	---	---	---	7.1	6.5	6.8	5.7	5.0	5.3
6	---	---	---	---	---	---	7.0	6.3	6.7	5.5	4.9	5.2
7	---	---	---	---	---	---	6.8	6.1	6.5	5.3	4.8	5.1
8	---	---	---	---	---	---	6.3	5.8	6.1	5.3	4.5	4.9
9	---	---	---	---	---	---	6.1	5.4	5.8	5.4	4.5	5.0
10	---	---	---	---	---	---	5.9	5.3	5.6	5.5	4.6	5.0
11	---	---	---	---	---	---	5.6	5.2	5.4	5.4	4.5	5.0
12	---	---	---	---	---	---	5.3	4.9	5.1	5.4	4.3	4.9
13	---	---	---	---	---	---	5.1	4.6	4.9	5.5	4.5	5.0
14	---	---	---	---	---	---	5.4	4.9	5.2	5.6	4.4	5.1
15	---	---	---	---	---	---	5.3	4.7	5.1	5.8	4.6	5.2
16	---	---	---	---	---	---	5.1	4.6	4.9	5.9	4.5	5.2
17	---	---	---	---	---	---	4.9	4.5	4.7	5.9	4.0	5.1
18	---	---	---	8.5	7.8	8.2	4.8	4.2	4.6	5.8	3.1	5.1
19	---	---	---	8.6	7.8	8.2	4.7	4.3	4.5	5.9	4.0	5.1
20	---	---	---	8.3	7.6	8.0	4.4	4.0	4.2	6.1	3.6	5.1
21	---	---	---	8.4	7.4	8.0	4.2	3.5	4.0	6.5	4.3	5.3
22	---	---	---	8.6	7.6	8.1	4.0	3.4	3.7	6.5	3.7	5.4
23	---	---	---	8.7	7.8	8.2	4.2	3.1	3.7	6.3	3.2	5.4
24	---	---	---	8.9	7.8	8.3	4.2	3.5	3.9	6.7	3.2	5.5
25	---	---	---	8.9	7.8	8.4	4.1	3.4	3.8	6.8	3.0	5.6
26	---	---	---	8.9	7.7	8.3	---	---	---	6.8	4.3	5.7
27	---	---	---	8.3	7.5	8.0	---	---	---	6.8	4.0	6.0
28	---	---	---	8.1	7.2	7.6	---	---	---	6.8	3.5	5.7
29	---	---	---	7.8	6.7	7.3	---	---	---	6.9	3.4	5.7
30	---	---	---	7.5	7.0	7.3	---	---	---	6.6	3.1	5.4
31	---	---	---	7.3	6.7	7.0	---	---	---	6.3	2.9	5.0
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	6.2	2.9	5.0	---	---	---	4.5	2.3	3.6	4.6	3.7	4.1
2	5.5	2.7	4.6	---	---	---	4.1	2.9	3.6	4.2	3.5	3.8
3	5.3	2.6	4.3	---	---	---	4.0	1.0	2.9	4.7	3.9	4.2
4	4.8	2.4	4.0	---	---	---	4.2	2.0	3.4	5.1	4.0	4.5
5	4.8	2.6	4.0	---	---	---	4.2	2.1	3.5	5.5	4.2	4.8
6	4.6	2.2	3.9	---	---	---	4.9	2.5	4.0	5.8	4.6	5.3
7	4.8	2.3	3.9	5.4	2.4	4.2	5.8	3.5	4.7	5.9	5.0	5.4
8	5.0	2.4	4.0	4.8	2.9	4.2	6.0	3.5	4.9	5.9	5.3	5.6
9	4.8	3.5	4.3	4.8	2.5	4.1	6.6	3.8	5.3	5.8	4.9	5.3
10	4.9	2.7	4.2	4.7	2.6	4.1	7.2	3.7	5.4	5.2	4.3	4.8
11	5.8	3.1	4.6	5.6	2.2	4.0	6.8	3.8	5.4	4.9	4.2	4.6
12	6.6	3.8	5.3	4.7	2.4	3.8	5.9	4.0	4.9	5.2	4.0	4.6
13	6.3	3.9	5.5	5.0	2.6	3.9	4.8	3.1	4.2	4.9	4.0	4.5
14	6.5	4.0	5.4	5.2	2.6	4.2	4.9	2.6	4.1	4.8	3.9	4.3
15	6.1	3.9	5.4	5.3	2.4	4.3	4.4	3.0	3.8	4.5	3.3	4.1
16	5.7	4.3	5.1	5.6	2.0	4.2	4.3	2.3	3.5	4.4	3.6	4.1
17	6.2	3.8	4.8	5.5	1.8	3.9	4.2	2.2	3.3	5.2	4.0	4.7
18	6.3	3.5	4.9	4.9	2.1	3.8	4.0	2.8	3.5	5.2	3.7	4.8
19	---	---	---	5.3	2.4	4.1	4.0	2.3	3.4	5.8	4.0	4.9
20	---	---	---	5.5	2.9	4.3	4.1	2.1	3.4	6.3	4.8	5.5
21	---	---	---	5.3	3.3	4.3	4.3	2.8	3.7	6.2	5.2	5.7
22	6.6	4.0	5.4	5.3	2.8	4.4	---	---	---	6.1	5.0	5.5
23	7.4	3.9	5.9	5.1	2.7	4.2	---	---	---	6.0	4.3	5.2
24	7.9	4.8	6.5	4.7	2.1	3.9	---	---	---	5.8	4.4	5.1
25	7.8	4.4	6.6	4.6	2.7	3.8	4.9	2.9	4.0	5.7	4.6	5.1
26	7.8	4.0	6.5	5.2	2.7	4.0	4.6	3.2	3.9	5.5	4.7	5.2
27	6.8	3.7	6.1	6.0	3.0	4.2	4.3	3.1	3.8	5.6	5.0	5.3
28	---	---	---	5.5	2.4	4.1	4.6	3.1	4.0	5.8	4.7	5.4
29	---	---	---	5.4	2.8	4.1	6.6	4.1	5.7	5.3	4.4	5.1
30	---	---	---	5.3	2.9	4.2	6.0	4.9	5.4	4.9	4.3	4.7
31	---	---	---	5.0	2.5	3.8	5.1	3.9	4.7	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	6.3	3.3	4.9

02172100 CHARLESTON HARBOR AT FORT SUMTER NEAR MOUNT PLEASANT, SC

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1993 TO 1995, April 2004 to September 2004.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE (TOP): March 1993 to September 1995, April 2004 to September 2004.

SPECIFIC CONDUCTANCE (BOTTOM): April 1993 to September 1994, April 2004 to September 2004.

SALINITY (TOP): March 1993 to September 1995 (discontinued).

SALINITY (BOTTOM): April 1993 to September 1994 (discontinued).

WATER TEMPERATURE (TOP): June 1993 to September 1995, April 2004 to September 2004.

WATER TEMPERATURE (BOTTOM): June 1993 to September 1994, April 2004 to September 2004.

DISSOLVED OXYGEN (TOP): June 1993 to September 1995, April 2004 to September 2004.

DISSOLVED OXYGEN (BOTTOM): June 1993 to September 1994, April 2004 to September 2004.

INSTRUMENTATION.--Water-quality multiprobe and data collection platform.

REMARKS.--Specific conductance (Top) records rated excellent except for June 20, 21, Aug. 20-24, which are good. Specific conductance (Bottom) rated excellent except for May 19, 20, July 15-19, Aug. 3, 4, 10, 11, which are good. Temperature (Top) records rated excellent. Temperature (Bottom) records rated excellent. Dissolved oxygen (Top) records rated excellent except for May 22, June 18-20, 22, July 12, 13, Aug. 6, 19-22, which are good, Apr. 29, May 23, 24, June 23, July 14-19, Aug. 7, 23, which are fair, and Apr. 30 to May 3, May 25 to June 8, June 24 to July 3, July 21-23, Aug. 8-11, Aug. 24 to Sep. 7, which are poor. Dissolved oxygen (Bottom) records rated poor except for May 5-15, June 8-14, 22, Aug. 4, 12-18, 25, Sep. 14-16, which are excellent, June 15-17, 21, Aug. 5, 19-23, 26, 27, which are good, and June 18-21, 23-25, Aug. 6, 28, 29, Sep. 17, which are fair. Prior to October 1, 2003 dissolved oxygen concentrations are not corrected for salinity.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE (TOP): Maximum, 54,000 microsiemens, July 5, 2004; minimum, 20,000 microsiemens, Aug. 30, 1995.

SPECIFIC CONDUCTANCE (BOTTOM): Maximum, 54,400 microsiemens, Sep. 3, 1993; minimum, 23,800 microsiemens, Aug. 1, 1994.

SALINITY (TOP): Maximum 35.4 ppt, July 17, 1993; minimum 11.9 ppt, Aug. 30, 1995.

SALINITY (BOTTOM): Maximum 36.1 ppt, Sep. 3, 1993; minimum 14.4 ppt, Aug. 30, 1995.

WATER TEMPERATURE (TOP): Maximum, 32.0°C, July 5, 29, 30, 1993, July 24, 1995; minimum, 5.0°C, Jan. 21, 1994.

WATER TEMPERATURE (BOTTOM): Maximum, 32.0°C, July 22, 1993; minimum, 5.0°C, Jan. 20, 21, 1994.

DISSOLVED OXYGEN (TOP): Maximum, 11.8 mg/L, Jan. 19, 23, 1994, Feb. 9, 27, 1995; minimum, 2.9 mg/L, Aug. 9, 1994, July 2, 2004.

DISSOLVED OXYGEN (BOTTOM): Maximum, 13.4 mg/L, Jan. 22, 1994; minimum, 2.4 mg/L, Aug. 26-28, 2004.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE (TOP): Maximum, 54,000 microsiemens, July 5; minimum, 27,300 microsiemens, Sep. 10.

SPECIFIC CONDUCTANCE (BOTTOM): Maximum, 52,800 microsiemens, June 13; minimum, 27,800 microsiemens, Sep. 10.

WATER TEMPERATURE (TOP): Maximum, 31.6°C, July 14; minimum, 19.8°C, Apr. 29, May 4.

WATER TEMPERATURE (BOTTOM): Maximum, 31.3°C, July 7; minimum, 20.0°C, Apr. 28, May 4, 5.

DISSOLVED OXYGEN (TOP): Maximum, 8.6 mg/L, July 10; minimum, 2.9 mg/L, July 2.

DISSOLVED OXYGEN (BOTTOM): Maximum, 9.1 mg/L, June 223; minimum, 2.4 mg/L, Aug. 26-28.

CHARLESTON HARBOR

02172100 CHARLESTON HARBOR AT FORT SUMTER NEAR MOUNT PLEASANT, SC--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	---	---	---	---	---	---	46900	38900	43700
2	---	---	---	---	---	---	---	---	---	47600	40000	44100
3	---	---	---	---	---	---	---	---	---	47100	38400	42600
4	---	---	---	---	---	---	---	---	---	48800	38300	42600
5	---	---	---	---	---	---	---	---	---	49000	39700	43700
6	---	---	---	---	---	---	---	---	---	47800	39000	43300
7	---	---	---	---	---	---	---	---	---	47600	39100	43200
8	---	---	---	---	---	---	---	---	---	48700	38600	43300
9	---	---	---	---	---	---	---	---	---	48200	37800	42500
10	---	---	---	---	---	---	---	---	---	46100	37500	42000
11	---	---	---	---	---	---	---	---	---	45600	37700	41800
12	---	---	---	---	---	---	---	---	---	45100	37100	41400
13	---	---	---	---	---	---	---	---	---	45000	37000	41700
14	---	---	---	---	---	---	---	---	---	44700	36600	41200
15	---	---	---	---	---	---	---	---	---	44700	35200	41100
16	---	---	---	---	---	---	---	---	---	44800	35200	40900
17	---	---	---	---	---	---	---	---	---	45200	35200	40600
18	---	---	---	---	---	---	---	---	---	45700	36800	41300
19	---	---	---	---	---	---	---	---	---	45700	38000	41600
20	---	---	---	---	---	---	---	---	---	46800	38700	41500
21	---	---	---	---	---	---	---	---	---	47900	38400	41500
22	---	---	---	---	---	---	---	---	---	47800	38000	41900
23	---	---	---	---	---	---	---	---	---	48500	39100	42200
24	---	---	---	---	---	---	---	---	---	49200	39600	42200
25	---	---	---	---	---	---	---	---	---	49200	37700	41000
26	---	---	---	---	---	---	---	---	---	44400	37800	40600
27	---	---	---	---	---	---	---	---	---	45200	38500	41500
28	---	---	---	---	---	---	47300	37000	41500	47000	40800	43300
29	---	---	---	---	---	---	47000	38000	42600	47600	39100	43400
30	---	---	---	---	---	---	46900	39000	42800	50000	42000	45500
31	---	---	---	---	---	---	---	---	---	50100	42700	45800
MONTH	---	---	---	---	---	---	---	---	---	50100	35200	42400

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	50500	42000	45200	52000	42600	46900	49900	42200	45600	41500	29800	35000
2	51600	42400	46200	51600	42500	46900	49100	42400	45100	42300	30400	36000
3	51900	43200	46700	53100	42000	46500	49600	42900	45700	42300	29200	35600
4	52000	42600	46800	54000	43100	47000	50700	42200	46700	42700	29700	35600
5	51600	41500	45800	54000	42100	46800	50900	42600	46600	42200	30400	36300
6	51800	42100	46600	51700	39100	44700	48200	41200	43900	44100	31800	38300
7	52200	41400	46000	48000	40200	43500	48400	37800	43200	43400	33600	39400
8	48800	40700	45200	49400	39100	43600	47000	38100	43100	45200	34100	39700
9	48100	40700	44600	49400	39300	43300	46700	37400	42100	36900	29500	33500
10	49100	39700	44000	46000	37700	41800	46000	37300	41600	37300	27300	31700
11	48500	38200	42900	45900	36100	41400	45700	38900	42000	39000	30500	33900
12	49000	37900	43300	46300	37500	41900	47100	40200	44100	43900	32400	37600
13	51500	39300	45800	46100	38100	42600	46200	39200	42200	42400	36100	38900
14	49400	39900	45800	44500	36700	41000	48600	39800	44700	43500	36800	39500
15	48800	40700	45000	46200	38500	42000	46300	38400	42800	42300	37000	39300
16	48000	37500	43000	48200	40200	43300	46600	38900	41800	44600	36600	40300
17	46700	38600	41600	48200	41000	44800	47600	39400	42900	45400	37500	41000
18	49900	37800	42800	46100	38000	43300	47100	39800	43000	42600	34800	37700
19	49300	38200	42300	---	---	---	46700	38800	42900	39700	33500	36400
20	49000	40000	43600	---	---	---	47200	38500	43100	42500	34600	37800
21	50200	40000	45000	---	---	---	47200	37800	42000	44400	35400	39200
22	49800	41100	43900	47500	40200	44100	48300	36900	41600	42800	36100	39200
23	44300	39100	41500	48600	41100	44900	48100	36500	41400	41800	35100	38200
24	45100	38500	41100	47600	40400	43900	49200	37500	42600	41700	34600	37500
25	48600	37400	43000	47700	37800	41900	47600	38700	42500	41300	34700	37900
26	46800	38600	42300	48600	37100	42800	46200	38300	42100	40200	34700	37500
27	51800	40400	44600	50400	38800	44100	47600	40300	43200	41100	35000	38400
28	48900	41800	44800	50700	40400	45000	49200	40600	44200	41400	34600	38000
29	51600	42300	45900	49800	40600	45200	44200	37500	41200	40800	33000	36300
30	51900	42500	46700	50000	41500	45600	43200	32400	38300	41400	31700	36700
31	---	---	---	49500	42100	45700	43500	31100	36900	---	---	---
MONTH	52200	37400	44400	---	---	---	50900	31100	42900	45400	27300	37400

02172100 CHARLESTON HARBOR AT FORT SUMTER NEAR MOUNT PLEASANT, SC--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	---	---	---	---	---	---	47100	38100	43300
2	---	---	---	---	---	---	---	---	---	47300	40000	44000
3	---	---	---	---	---	---	---	---	---	46700	38000	42800
4	---	---	---	---	---	---	---	---	---	49300	38000	43100
5	---	---	---	---	---	---	---	---	---	48800	40100	44300
6	---	---	---	---	---	---	---	---	---	48900	39700	44200
7	---	---	---	---	---	---	---	---	---	48900	39800	44300
8	---	---	---	---	---	---	---	---	---	49400	39800	44800
9	---	---	---	---	---	---	---	---	---	49200	39700	44500
10	---	---	---	---	---	---	---	---	---	48700	38500	43900
11	---	---	---	---	---	---	---	---	---	48600	38500	43800
12	---	---	---	---	---	---	---	---	---	48100	38100	43400
13	---	---	---	---	---	---	---	---	---	47200	38100	43400
14	---	---	---	---	---	---	---	---	---	47600	37400	43300
15	---	---	---	---	---	---	---	---	---	48300	33100	42200
16	---	---	---	---	---	---	---	---	---	47300	36100	42900
17	---	---	---	---	---	---	---	---	---	48300	36000	42600
18	---	---	---	---	---	---	---	---	---	48400	37900	43100
19	---	---	---	---	---	---	---	---	---	47900	39300	43600
20	---	---	---	---	---	---	---	---	---	49300	39600	43900
21	---	---	---	---	---	---	---	---	---	49900	39500	44300
22	---	---	---	---	---	---	---	---	---	50400	39500	44900
23	---	---	---	---	---	---	---	---	---	50400	37400	44800
24	---	---	---	---	---	---	---	---	---	50700	40500	45000
25	---	---	---	---	---	---	---	---	---	50200	39200	43800
26	---	---	---	---	---	---	---	---	---	48700	39000	44000
27	---	---	---	---	---	---	---	---	---	49200	39500	44500
28	---	---	---	---	---	---	49100	36000	42900	49600	41400	45600
29	---	---	---	---	---	---	48000	37200	43400	49700	39700	45400
30	---	---	---	---	---	---	47800	37900	43500	50500	42000	46800
31	---	---	---	---	---	---	---	---	---	50400	42900	47100
MONTH	---	---	---	---	---	---	---	---	---	50700	33100	44100

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	51300	42200	46400	51200	41800	46400	51600	42500	47000	46300	30300	37900
2	51800	43200	47400	51600	41900	46700	52200	43000	47200	47700	29700	38400
3	52000	43400	47700	51900	41400	46700	52400	43500	47800	47800	29500	38700
4	52100	43100	47900	52600	41900	47100	52600	43500	48700	45300	30000	38300
5	51600	41900	47300	52600	41600	47100	52600	44100	48800	46200	30600	38800
6	51000	41200	47200	50400	39000	45500	51700	42000	46600	45900	31900	39500
7	51800	41400	46800	50700	39000	45400	51400	39000	46900	43500	33900	40100
8	50700	41300	46400	50500	39300	45500	51200	39600	46300	45800	34800	40800
9	51000	41500	46400	51000	40200	45800	52000	38900	46300	43900	30300	36200
10	50100	39900	45600	48400	37500	44000	52600	38600	46100	43900	27800	36000
11	50900	38200	45200	49200	37000	44100	51200	40200	45600	45700	30500	38400
12	51800	37900	45500	50000	38400	45200	49500	42500	46000	48200	33400	40600
13	52800	39600	46800	50000	39600	45700	47900	39900	43800	45700	36400	41000
14	50700	39700	46100	50300	39800	44800	47500	39100	44400	45500	37800	41500
15	49200	41100	45800	49900	38800	44700	47700	38000	43000	44800	38000	41300
16	50000	37600	44200	51400	40600	46000	47800	37300	42100	46200	38000	42000
17	49400	38000	43600	50900	42500	47300	48300	38500	42900	46100	39400	43100
18	51500	37800	44300	50400	40000	46000	47200	38700	43000	44400	36100	40300
19	51200	38500	44700	---	---	---	46800	37000	42100	46300	34300	39800
20	51800	39600	45300	---	---	---	48600	37100	42500	47300	35300	41200
21	51800	40500	45500	---	---	---	47400	36800	42200	46600	36400	41800
22	51000	40800	45000	50100	41300	45900	48900	35300	42600	44900	37300	41500
23	48400	38100	42700	49700	42200	47000	48000	35600	42500	44300	36700	40400
24	47700	37200	42800	49900	41400	45800	51400	37000	43400	44400	36200	40300
25	48300	38100	44200	51000	37300	44800	51100	38300	44100	43300	36900	40700
26	49000	39100	43900	50300	37500	45100	50500	39300	44000	42500	37000	40100
27	50400	39200	45100	51900	39200	45800	50500	39900	44200	43200	35900	40100
28	48400	40800	44900	51900	41300	46500	48800	40200	44600	43500	36400	40400
29	51400	40900	45600	51800	41900	46700	44200	37700	40900	43700	34100	38800
30	51400	41600	46500	51000	42200	46800	46200	32000	39300	46600	34500	39600
31	---	---	---	52300	40900	47000	47100	31100	38600	---	---	---
MONTH	52800	37200	45600	---	---	---	52600	31100	44300	48200	27800	39900

CHARLESTON HARBOR

02172100 CHARLESTON HARBOR AT FORT SUMTER NEAR MOUNT PLEASANT, SC--Continued

Temperature, water, degrees Celsius WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	---	---	---	---	---	---	22.1	21.0	21.4
2	---	---	---	---	---	---	---	---	---	22.9	21.1	21.7
3	---	---	---	---	---	---	---	---	---	23.1	21.2	21.8
4	---	---	---	---	---	---	---	---	---	21.9	19.8	20.9
5	---	---	---	---	---	---	---	---	---	23.1	20.3	21.2
6	---	---	---	---	---	---	---	---	---	24.0	20.6	21.9
7	---	---	---	---	---	---	---	---	---	24.4	21.4	22.4
8	---	---	---	---	---	---	---	---	---	24.3	21.7	22.9
9	---	---	---	---	---	---	---	---	---	24.1	22.2	23.2
10	---	---	---	---	---	---	---	---	---	24.4	22.6	23.5
11	---	---	---	---	---	---	---	---	---	25.0	22.9	23.8
12	---	---	---	---	---	---	---	---	---	26.3	23.5	24.2
13	---	---	---	---	---	---	---	---	---	26.8	23.6	24.5
14	---	---	---	---	---	---	---	---	---	27.5	23.9	24.8
15	---	---	---	---	---	---	---	---	---	26.7	24.1	25.0
16	---	---	---	---	---	---	---	---	---	26.5	24.5	25.3
17	---	---	---	---	---	---	---	---	---	26.6	24.8	25.5
18	---	---	---	---	---	---	---	---	---	27.1	25.0	25.7
19	---	---	---	---	---	---	---	---	---	26.9	25.1	25.9
20	---	---	---	---	---	---	---	---	---	27.3	25.3	26.0
21	---	---	---	---	---	---	---	---	---	27.5	25.3	26.2
22	---	---	---	---	---	---	---	---	---	27.1	25.6	26.2
23	---	---	---	---	---	---	---	---	---	27.0	25.4	26.1
24	---	---	---	---	---	---	---	---	---	27.2	25.4	26.3
25	---	---	---	---	---	---	---	---	---	28.0	25.6	26.7
26	---	---	---	---	---	---	---	---	---	27.5	26.1	26.7
27	---	---	---	---	---	---	---	---	---	27.6	25.9	26.6
28	---	---	---	---	---	---	21.4	20.4	20.9	27.7	26.0	26.6
29	---	---	---	---	---	---	22.0	19.8	20.9	27.8	26.2	26.8
30	---	---	---	---	---	---	22.2	20.7	21.3	28.7	26.4	27.1
31	---	---	---	---	---	---	---	---	---	29.0	26.7	27.3
MONTH	---	---	---	---	---	---	---	---	---	29.0	19.8	24.7

Temperature, water, degrees Celsius												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	28.7	26.6	27.2	29.2	28.2	28.7	29.9	28.6	29.3	27.8	26.8	27.2
2	28.9	26.5	27.4	29.5	28.2	28.8	30.0	28.5	29.2	27.8	26.7	27.2
3	28.9	26.8	27.5	30.1	28.0	28.9	30.2	28.5	29.2	28.0	26.5	27.1
4	27.5	26.6	27.1	30.1	28.3	29.0	31.1	28.8	29.7	27.8	26.5	27.1
5	27.9	26.0	27.1	30.2	28.6	29.3	30.5	29.2	29.8	27.2	26.7	27.0
6	28.4	26.7	27.3	31.1	28.9	29.9	29.9	28.4	29.4	26.9	26.2	26.5
7	28.3	26.9	27.6	31.3	29.3	30.2	28.8	27.3	28.1	26.7	26.0	26.3
8	28.8	27.2	28.0	30.7	29.2	29.9	28.6	27.1	27.8	28.0	26.2	26.7
9	29.3	27.6	28.2	30.9	29.5	30.0	28.7	27.3	27.9	28.0	26.3	27.1
10	30.0	27.8	28.4	31.5	29.5	30.0	28.4	27.2	27.8	27.4	26.8	27.0
11	30.5	27.9	28.6	31.3	29.4	30.1	29.1	27.5	28.0	27.0	26.4	26.7
12	29.5	28.1	28.7	30.7	29.3	29.9	28.5	27.4	27.9	26.8	25.5	26.3
13	28.5	27.4	28.0	31.5	29.2	30.0	27.6	27.0	27.4	26.3	25.6	25.9
14	28.3	27.3	27.8	31.6	29.4	30.3	28.0	26.1	27.0	26.0	25.1	25.6
15	28.4	27.3	27.7	30.7	29.4	30.0	27.7	26.7	27.1	25.9	25.0	25.5
16	28.6	27.3	27.7	31.0	28.8	29.7	28.4	26.8	27.3	27.0	25.4	26.0
17	28.2	27.2	27.6	30.6	29.2	29.8	28.4	27.0	27.6	27.3	25.9	26.4
18	29.3	27.2	28.0	29.6	28.6	29.2	29.6	27.2	28.0	26.8	25.5	26.2
19	29.8	27.7	28.5	---	---	---	30.0	27.5	28.3	25.9	24.3	25.3
20	29.2	28.1	28.6	---	---	---	29.8	27.8	28.6	24.5	23.3	24.1
21	28.7	27.8	28.3	---	---	---	29.1	28.1	28.6	24.1	22.7	23.5
22	29.9	28.0	28.8	30.6	28.9	29.6	29.4	28.0	28.5	24.2	23.2	23.6
23	29.6	28.2	28.8	30.2	28.9	29.5	28.7	27.9	28.3	24.9	23.2	24.0
24	29.5	27.9	28.7	30.5	29.1	29.7	28.9	27.6	28.2	24.4	23.6	24.0
25	29.8	28.1	28.8	30.1	29.1	29.6	28.9	27.7	28.2	24.5	23.3	24.0
26	29.4	28.1	28.7	30.6	28.8	29.6	28.4	27.7	28.0	24.4	23.8	24.1
27	30.1	28.3	28.8	30.7	29.0	29.8	28.5	27.5	27.8	25.6	24.2	24.7
28	29.8	28.2	28.9	31.0	29.0	29.8	28.1	27.1	27.5	25.7	24.5	25.0
29	29.9	28.4	28.9	30.1	28.9	29.4	27.2	25.5	26.4	26.4	24.1	25.2
30	29.9	28.4	28.9	30.7	28.5	29.5	28.2	25.5	26.7	26.1	25.0	25.5
31	---	---	---	30.3	28.7	29.4	28.9	26.2	27.2	---	---	---
MONTH	30.5	26.0	28.2	---	---	---	31.1	25.5	28.1	28.0	22.7	25.7

02172100 CHARLESTON HARBOR AT FORT SUMTER NEAR MOUNT PLEASANT, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

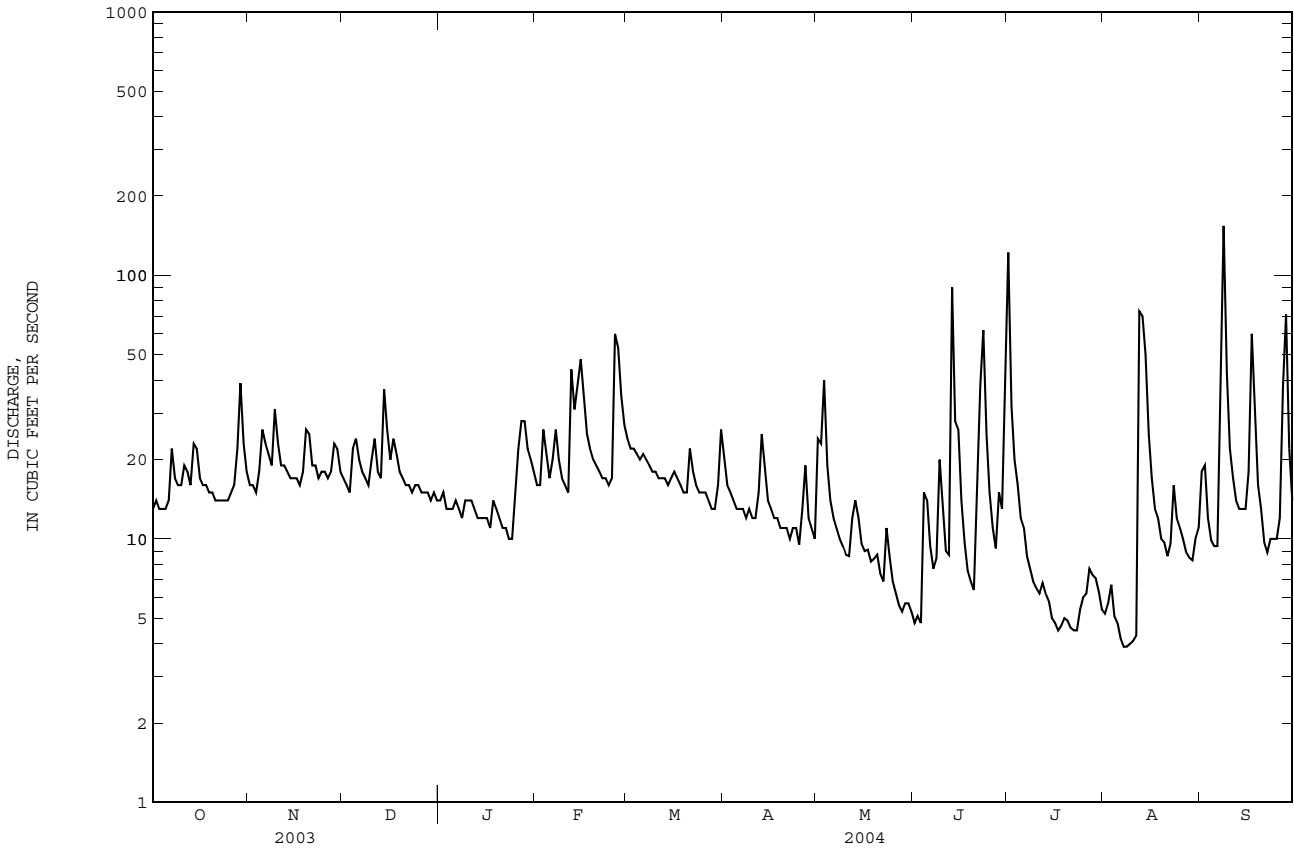
DAY	MAX	MIN	MEAN	FEBRUARY			MARCH			APRIL			MAY		
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	---	---	---	---	---	---	22.2	20.9	21.3			
2	---	---	---	---	---	---	---	---	---	22.7	20.8	21.7			
3	---	---	---	---	---	---	---	---	---	22.9	21.1	21.8			
4	---	---	---	---	---	---	---	---	---	21.5	20.0	20.9			
5	---	---	---	---	---	---	---	---	---	23.4	20.0	21.1			
6	---	---	---	---	---	---	---	---	---	23.4	20.7	21.7			
7	---	---	---	---	---	---	---	---	---	24.1	21.4	22.4			
8	---	---	---	---	---	---	---	---	---	24.7	21.7	23.0			
9	---	---	---	---	---	---	---	---	---	24.9	22.2	23.2			
10	---	---	---	---	---	---	---	---	---	24.5	22.4	23.3			
11	---	---	---	---	---	---	---	---	---	24.5	22.6	23.6			
12	---	---	---	---	---	---	---	---	---	24.8	23.0	23.9			
13	---	---	---	---	---	---	---	---	---	25.3	23.5	24.2			
14	---	---	---	---	---	---	---	---	---	26.2	23.5	24.6			
15	---	---	---	---	---	---	---	---	---	25.9	23.7	24.8			
16	---	---	---	---	---	---	---	---	---	26.4	24.2	25.0			
17	---	---	---	---	---	---	---	---	---	26.4	24.7	25.4			
18	---	---	---	---	---	---	---	---	---	26.8	24.7	25.6			
19	---	---	---	---	---	---	---	---	---	27.1	24.9	25.8			
20	---	---	---	---	---	---	---	---	---	27.7	25.2	26.1			
21	---	---	---	---	---	---	---	---	---	27.5	25.4	26.2			
22	---	---	---	---	---	---	---	---	---	27.3	25.5	26.1			
23	---	---	---	---	---	---	---	---	---	27.1	25.4	26.1			
24	---	---	---	---	---	---	---	---	---	27.1	25.4	26.1			
25	---	---	---	---	---	---	---	---	---	27.1	25.5	26.3			
26	---	---	---	---	---	---	---	---	---	27.0	25.7	26.4			
27	---	---	---	---	---	---	---	---	---	26.9	25.8	26.4			
28	---	---	---	---	---	---	21.3	20.0	20.7	27.5	25.9	26.5			
29	---	---	---	---	---	---	21.7	20.1	20.6	27.5	26.1	26.6			
30	---	---	---	---	---	---	22.2	20.3	21.0	28.2	26.4	27.1			
31	---	---	---	---	---	---	---	---	---	28.4	26.7	27.4			
MONTH	---	---	---	---	---	---	---	---	---	28.4	20.0	24.5			

DAY	MAX	MIN	MEAN	Temperature, water, degrees Celsius			MAX	MIN	MEAN	MAX	MIN	MEAN			
				MAX	MIN	MEAN									
				JUNE			JULY			AUGUST			SEPTEMBER		
1	27.9	26.8	27.2	29.2	28.2	28.7	30.0	28.9	29.3	27.9	27.2	27.4			
2	28.7	26.6	27.3	29.4	28.2	28.7	30.0	28.7	29.2	28.0	27.0	27.4			
3	28.8	26.7	27.6	30.2	28.2	28.9	30.1	28.4	29.2	28.1	26.6	27.2			
4	27.5	26.4	27.1	30.2	28.2	29.0	31.0	28.8	29.6	27.9	26.6	27.2			
5	28.2	26.2	27.0	30.5	28.4	29.3	31.1	29.1	29.8	27.3	26.9	27.1			
6	28.4	26.7	27.3	31.2	28.8	29.8	30.1	29.1	29.5	27.2	26.3	26.6			
7	28.6	26.9	27.5	31.3	29.3	30.1	29.2	27.4	28.3	26.8	26.1	26.4			
8	28.8	27.3	27.9	30.5	29.2	29.9	28.5	27.0	27.8	27.4	26.4	26.7			
9	28.5	27.5	28.0	30.5	29.3	29.9	28.1	27.3	27.7	27.5	26.5	27.0			
10	29.1	27.7	28.2	30.5	29.4	29.9	28.2	27.2	27.7	27.3	26.9	27.1			
11	29.8	27.8	28.5	30.2	29.2	29.8	28.2	27.5	27.8	27.1	26.5	27.0			
12	29.4	28.1	28.6	30.4	29.3	29.7	28.6	27.5	27.9	26.9	26.2	26.5			
13	28.4	27.2	28.0	31.1	29.2	29.8	27.9	27.2	27.5	26.5	25.7	26.2			
14	28.2	27.0	27.6	31.2	29.5	30.1	27.3	26.1	26.9	26.1	25.4	25.7			
15	28.0	27.0	27.5	30.7	29.6	30.1	27.7	26.6	27.1	25.8	25.2	25.5			
16	28.3	27.2	27.5	30.4	29.1	29.7	28.0	26.9	27.2	27.0	25.4	25.9			
17	28.0	27.2	27.5	30.6	29.1	29.8	28.3	27.2	27.5	27.8	25.9	26.4			
18	29.5	27.1	27.9	29.6	28.5	29.2	28.9	27.2	27.8	26.9	25.7	26.2			
19	29.5	27.6	28.3	---	---	---	30.4	27.5	28.3	26.1	24.6	25.5			
20	29.0	28.2	28.5	---	---	---	30.4	27.9	28.6	25.4	23.7	24.3			
21	28.6	27.7	28.3	---	---	---	29.1	28.2	28.6	24.1	22.6	23.4			
22	29.9	27.7	28.5	30.6	28.8	29.4	28.9	28.0	28.4	24.1	23.1	23.5			
23	29.6	27.9	28.5	30.2	28.9	29.4	28.6	27.9	28.3	24.3	23.4	23.7			
24	29.4	27.7	28.5	30.2	29.0	29.5	28.8	27.6	28.3	24.2	23.6	23.9			
25	29.3	27.8	28.5	30.0	28.8	29.4	29.1	27.8	28.3	24.4	23.6	24.0			
26	29.3	27.9	28.6	30.3	28.8	29.4	28.5	27.7	28.2	24.4	23.8	24.1			
27	29.7	28.2	28.7	30.4	28.8	29.5	28.1	27.7	27.9	25.7	24.2	24.7			
28	29.2	28.2	28.8	30.6	29.1	29.8	28.1	27.2	27.7	26.0	24.5	25.1			
29	29.4	28.4	28.9	29.8	28.8	29.4	27.3	25.9	26.6	27.1	24.5	25.3			
30	30.3	28.4	28.9	30.3	28.7	29.5	28.4	25.5	26.8	26.3	25.0	25.5			
31	---	---	---	30.2	28.7	29.4	28.9	26.6	27.3	---	---	---			
MONTH	30.3	26.2	28.0	---	---	---	31.1	25.5	28.1	28.1	22.6	25.8			

02172300 McTIER CREEK NEAR MONETTA, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1996 - 2004	
ANNUAL TOTAL	9036		6287.8		19.0	
ANNUAL MEAN	24.8		17.2		26.5	
HIGHEST ANNUAL MEAN					7.18	
LOWEST ANNUAL MEAN					248	
HIGHEST DAILY MEAN	150	Jul 14	154	Sep 8	248	Mar 7 1996
LOWEST DAILY MEAN	10	Jun 27	3.9	a Aug 7	1.4	b Aug 11 2002
ANNUAL SEVEN-DAY MINIMUM	11	Jan 10	4.2	Aug 5	1.5	Aug 10 2002
MAXIMUM PEAK FLOW			198	Sep 8	536	Mar 7 1996
MAXIMUM PEAK STAGE			5.99	Sep 8	7.48	Mar 7 1996
ANNUAL RUNOFF (CFSM)	1.62		1.12		1.24	
ANNUAL RUNOFF (INCHES)	21.97		15.29		16.90	
10 PERCENT EXCEEDS	40		26		34	
50 PERCENT EXCEEDS	18		15		16	
90 PERCENT EXCEEDS	12		6.4		5.3	

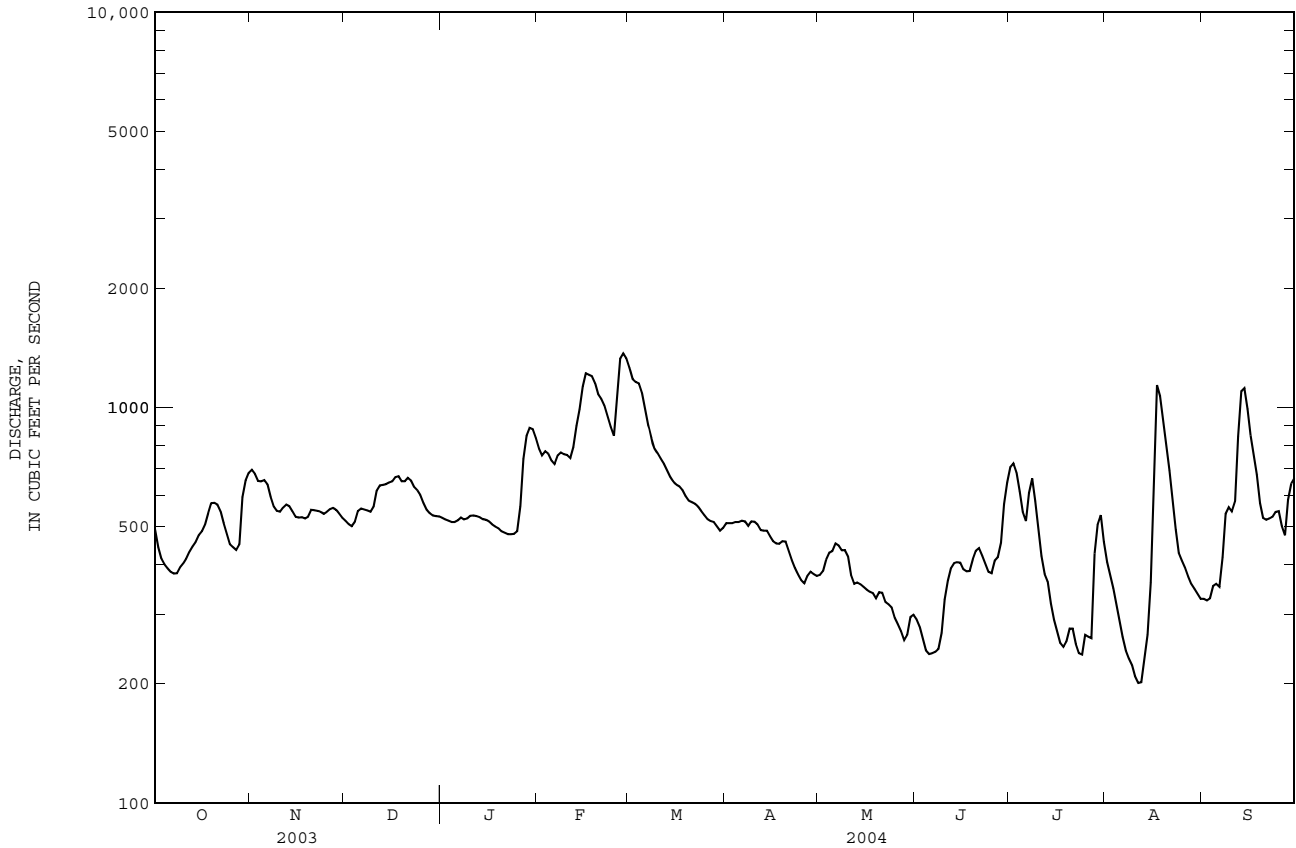
a Also occurred Aug. 8.
 b Also occurred Aug. 13, 2002.



02173000 SOUTH FORK EDISTO RIVER NEAR DENMARK, SC--Continued

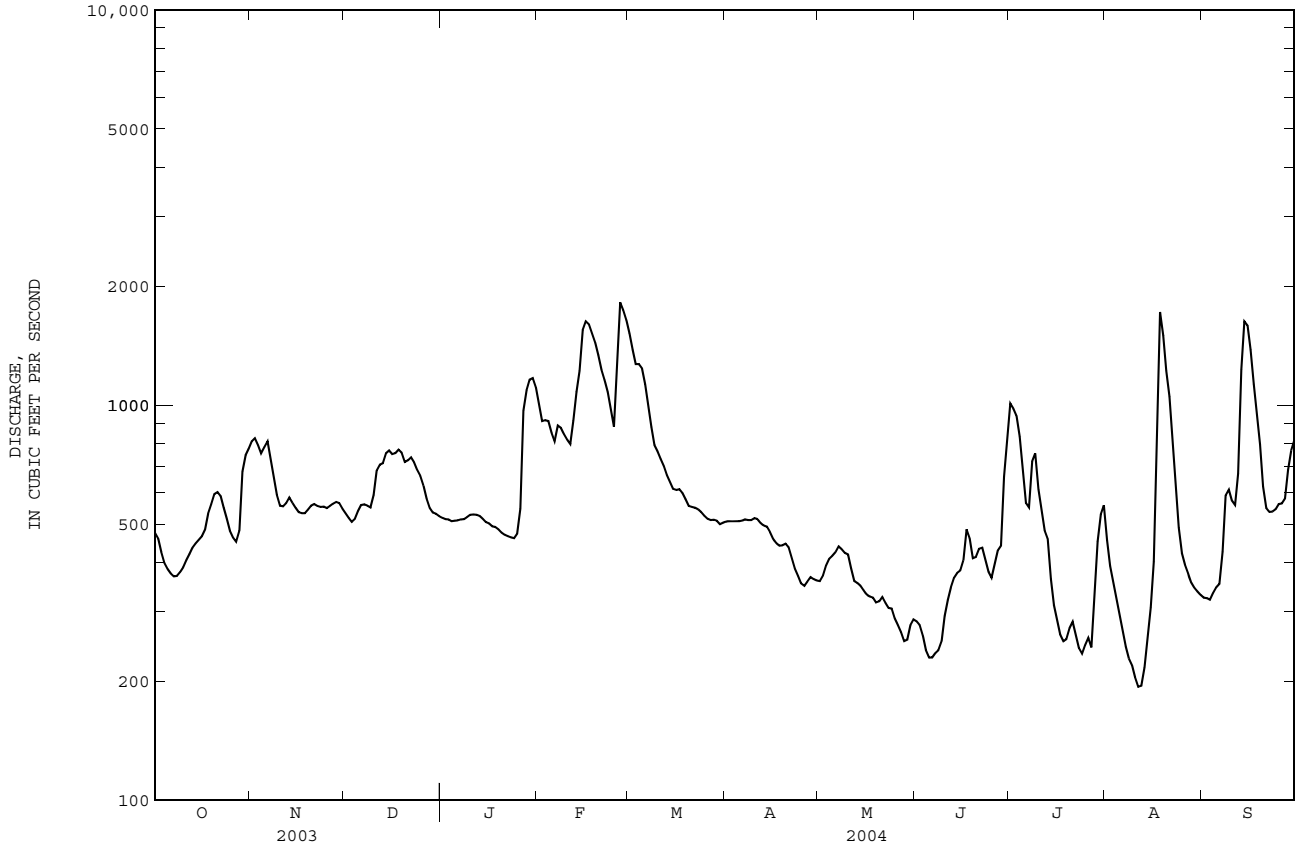
SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1931 - 2004	
ANNUAL TOTAL	311618		197762		749	
ANNUAL MEAN	854		540		1468	
HIGHEST ANNUAL MEAN					1965	
LOWEST ANNUAL MEAN					301	
HIGHEST DAILY MEAN	2330	Jun 20	1370	Feb 28	12700	Apr 11 1936
LOWEST DAILY MEAN	380	Oct 7	201	Aug 11	110	Aug 14 2002
ANNUAL SEVEN-DAY MINIMUM	390	Jan 15	220	Aug 7	113	Aug 12 2002
MAXIMUM PEAK FLOW			1380	Feb 28	a 13500	Apr 11 1936
MAXIMUM PEAK STAGE			6.75 Aug 17		10.91	Apr 11 1936
ANNUAL RUNOFF (CFSM)	1.19		0.750		1.04	
ANNUAL RUNOFF (INCHES)	16.10		10.22		14.13	
10 PERCENT EXCEEDS	1370		837		1320	
50 PERCENT EXCEEDS	753		515		623	
90 PERCENT EXCEEDS	441		293		330	

a From rating curve extended above 7,100 ft³/s on basis of velocity-area studies.



02173030 SOUTH FORK EDISTO RIVER NEAR COPE, SC--Continued

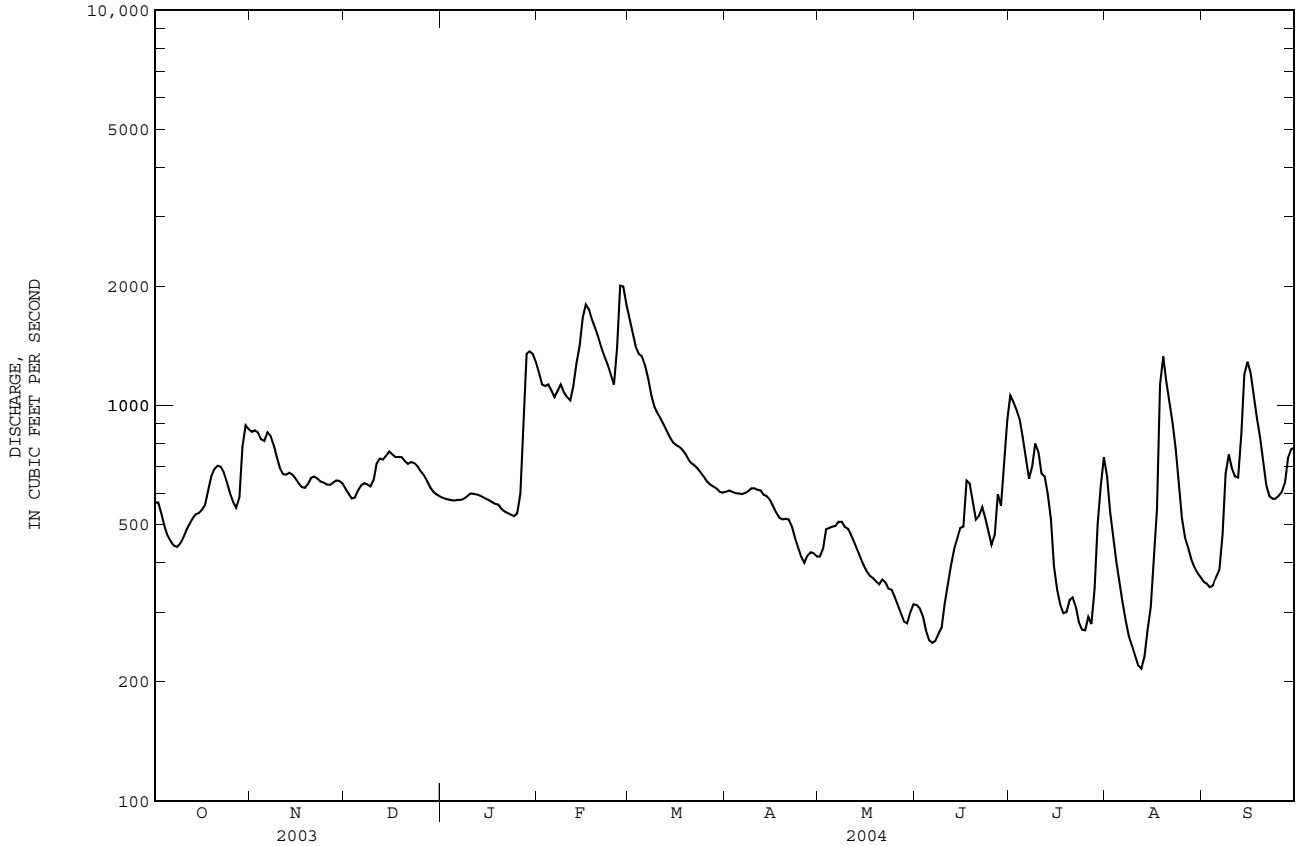
SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1991 - 2004	
ANNUAL TOTAL	364713		215564		736	
ANNUAL MEAN	999		589		1226	
HIGHEST ANNUAL MEAN					304	
LOWEST ANNUAL MEAN					1998	
HIGHEST DAILY MEAN	3140	Mar 21	1820	Feb 27	6510	May 9 1998
LOWEST DAILY MEAN	369	Oct 7	194	Aug 11	87	Aug 14 2002
ANNUAL SEVEN-DAY MINIMUM	381	Oct 4	215	Aug 7	91	Aug 12 2002
MAXIMUM PEAK FLOW			1880		7610	
MAXIMUM PEAK STAGE			9.44		10.86	
ANNUAL RUNOFF (CFSM)	1.32		0.778		0.973	
ANNUAL RUNOFF (INCHES)	17.92		10.59		13.21	
10 PERCENT EXCEEDS	1850		1000		1280	
50 PERCENT EXCEEDS	768		516		603	
90 PERCENT EXCEEDS	436		288		289	



02173051 SOUTH FORK EDISTO RIVER NEAR BAMBERG, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1991 - 2004	
ANNUAL TOTAL	413311		244109		960	
ANNUAL MEAN	1132		667		1585	
HIGHEST ANNUAL MEAN					1998	
LOWEST ANNUAL MEAN					344	
HIGHEST DAILY MEAN	3700	Mar 21	2010	Feb 27	8080	May 9 1998
LOWEST DAILY MEAN	439	Oct 8	216	Aug 12	110	a Aug 14 2002
ANNUAL SEVEN-DAY MINIMUM	456	Oct 5	240	Aug 8	113	Aug 13 2002
MAXIMUM PEAK FLOW			2170		8640	
MAXIMUM PEAK STAGE			11.08		13.71	
ANNUAL RUNOFF (CFSM)	1.40		0.826		1.19	
ANNUAL RUNOFF (INCHES)	19.05		11.25		16.16	
10 PERCENT EXCEEDS	2020		1130		1720	
50 PERCENT EXCEEDS	930		603		809	
90 PERCENT EXCEEDS	532		326		314	

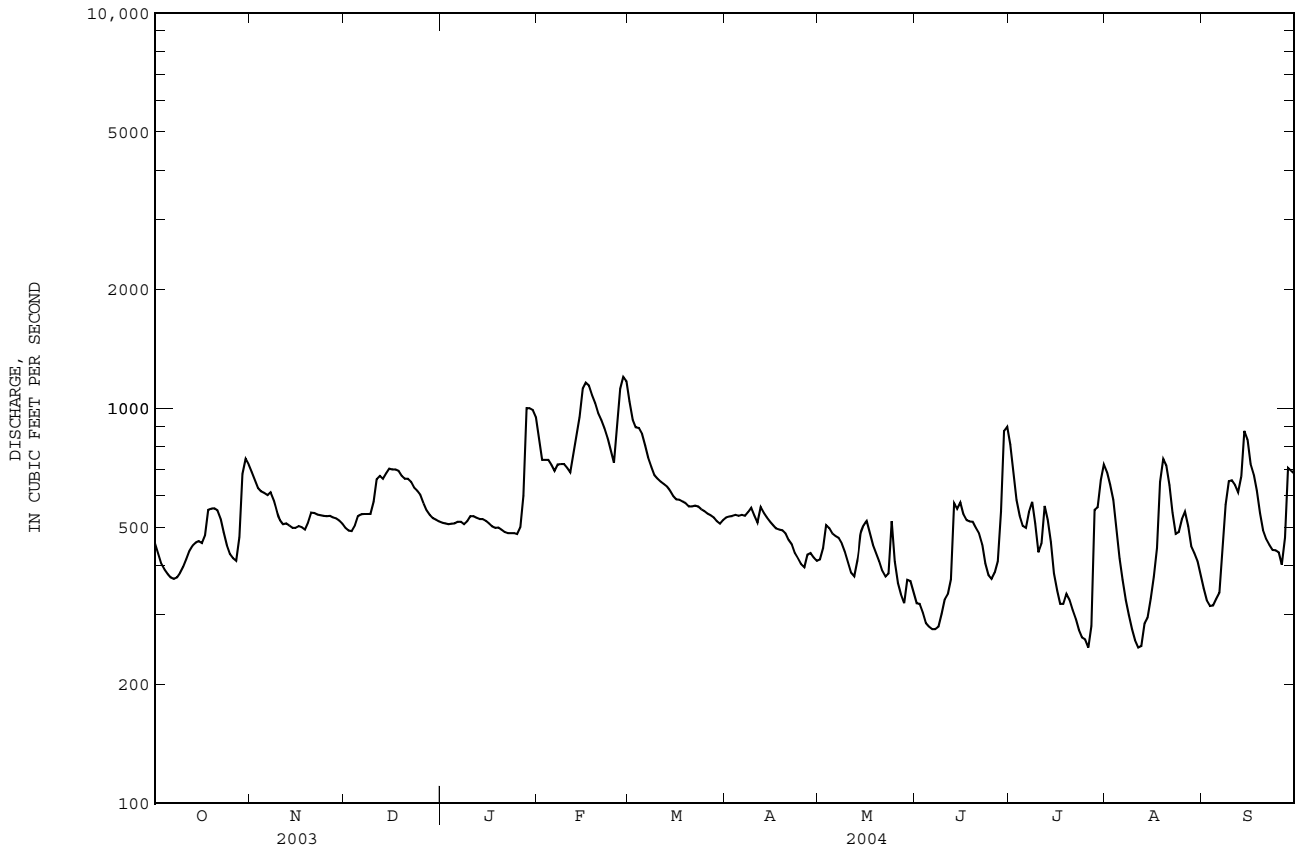
a Also occurred Aug. 15, 2002.



02173500 NORTH FORK EDISTO RIVER AT ORANGEBURG, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1939 - 2004	
ANNUAL TOTAL	276105		198715		762	
ANNUAL MEAN	756		543		1389	
HIGHEST ANNUAL MEAN					1965	
LOWEST ANNUAL MEAN					301	
HIGHEST DAILY MEAN	2370	Mar 21	e 1200	Feb 28	8850	Sep 18 1945
LOWEST DAILY MEAN	370	Oct 7	248	a Jul 26	113	Aug 13 2002
ANNUAL SEVEN-DAY MINIMUM	380	Jan 15	273	Aug 8	121	Aug 9 2002
MAXIMUM PEAK FLOW			1220	Feb 28	b 9500	Sep 18 1945
MAXIMUM PEAK STAGE			7.19	Feb 28	14.28	Sep 18 1945
INSTANTANEOUS LOW FLOW			232	Jul 27	109	Aug 13 2002
ANNUAL RUNOFF (CFSM)	1.11		0.795		1.12	
ANNUAL RUNOFF (INCHES)	15.04		10.82		15.15	
10 PERCENT EXCEEDS	1180		741		1270	
50 PERCENT EXCEEDS	684		518		661	
90 PERCENT EXCEEDS	433		339		366	

a Also occurred Aug. 11.
 b From rating curve extended above 5,300 ft³/s by velocity-area studies.
 e Estimated



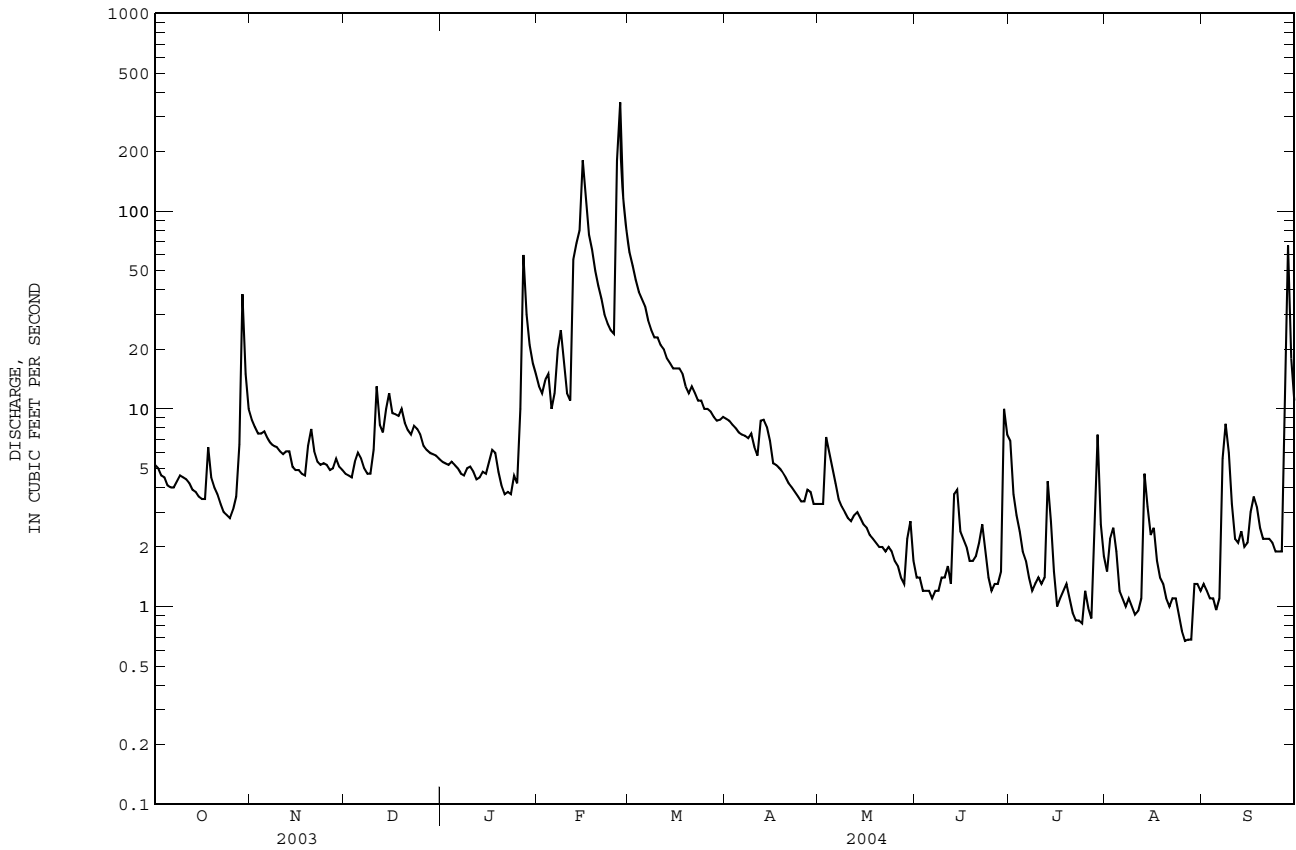
EDISTO RIVER BASIN

02174250 COW CASTLE CREEK NEAR BOWMAN, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1971 - 2004	
ANNUAL TOTAL	21538.0		3884.51		21.0	
ANNUAL MEAN	59.0		10.6		62.2	
HIGHEST ANNUAL MEAN					2.41	
LOWEST ANNUAL MEAN					2002	
HIGHEST DAILY MEAN	e 1030	Mar 16	e 355	Feb 27	e 1030	Mar 16 2003
LOWEST DAILY MEAN	2.8	Oct 25	0.67	Aug 26	0.00	a Jul 30 2002
ANNUAL SEVEN-DAY MINIMUM	3.2	Oct 21	0.84	Aug 22	0.00	Aug 8 2002
MAXIMUM PEAK FLOW			385	Feb 27	2340	Sep 4 1979
MAXIMUM PEAK STAGE			5.49	Feb 27	7.37	Sep 4 1979
ANNUAL RUNOFF (CFSM)	2.52		0.454		0.899	
ANNUAL RUNOFF (INCHES)	34.24		6.18		12.21	
10 PERCENT EXCEEDS	147		20		48	
50 PERCENT EXCEEDS	18		4.6		7.4	
90 PERCENT EXCEEDS	5.0		1.2		1.6	

a Also occurred July 31 and several days in August.

e Estimated

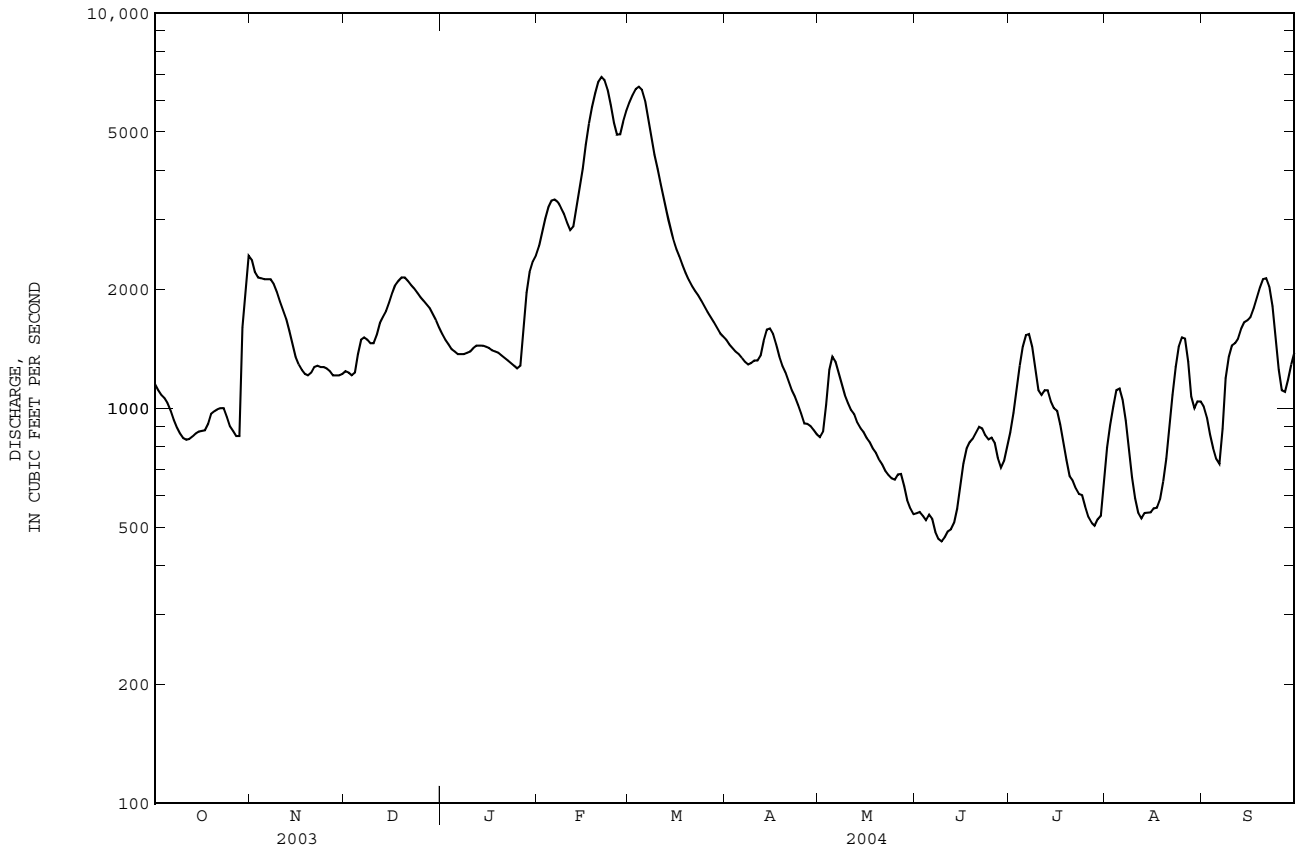


EDISTO RIVER BASIN

02175000 EDISTO RIVER NEAR GIVHANS, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1939 - 2004	
ANNUAL TOTAL	1487534		593118		2573	
ANNUAL MEAN	4075		1621		5225	
HIGHEST ANNUAL MEAN					1960	
LOWEST ANNUAL MEAN					2002	
HIGHEST DAILY MEAN	15900	a Mar 22	6880	Feb 21	24100	Jun 14 1973
LOWEST DAILY MEAN	832	Oct 11	460	Jun 9	150	b Aug 17 2002
ANNUAL SEVEN-DAY MINIMUM	851	Oct 9	483	Jun 7	156	Aug 13 2002
MAXIMUM PEAK FLOW			6910	Feb 21	24500	Jun 14 1973
MAXIMUM PEAK STAGE			11.16	Feb 21	15.84	Jun 14 1973
INSTANTANEOUS LOW FLOW			453	Jun 9	147	Aug 17 2002
ANNUAL RUNOFF (CFSM)	1.49		0.594		0.942	
ANNUAL RUNOFF (INCHES)	20.27		8.08		12.80	
10 PERCENT EXCEEDS	7820		3040		5430	
50 PERCENT EXCEEDS	3090		1280		1760	
90 PERCENT EXCEEDS	1210		636		701	

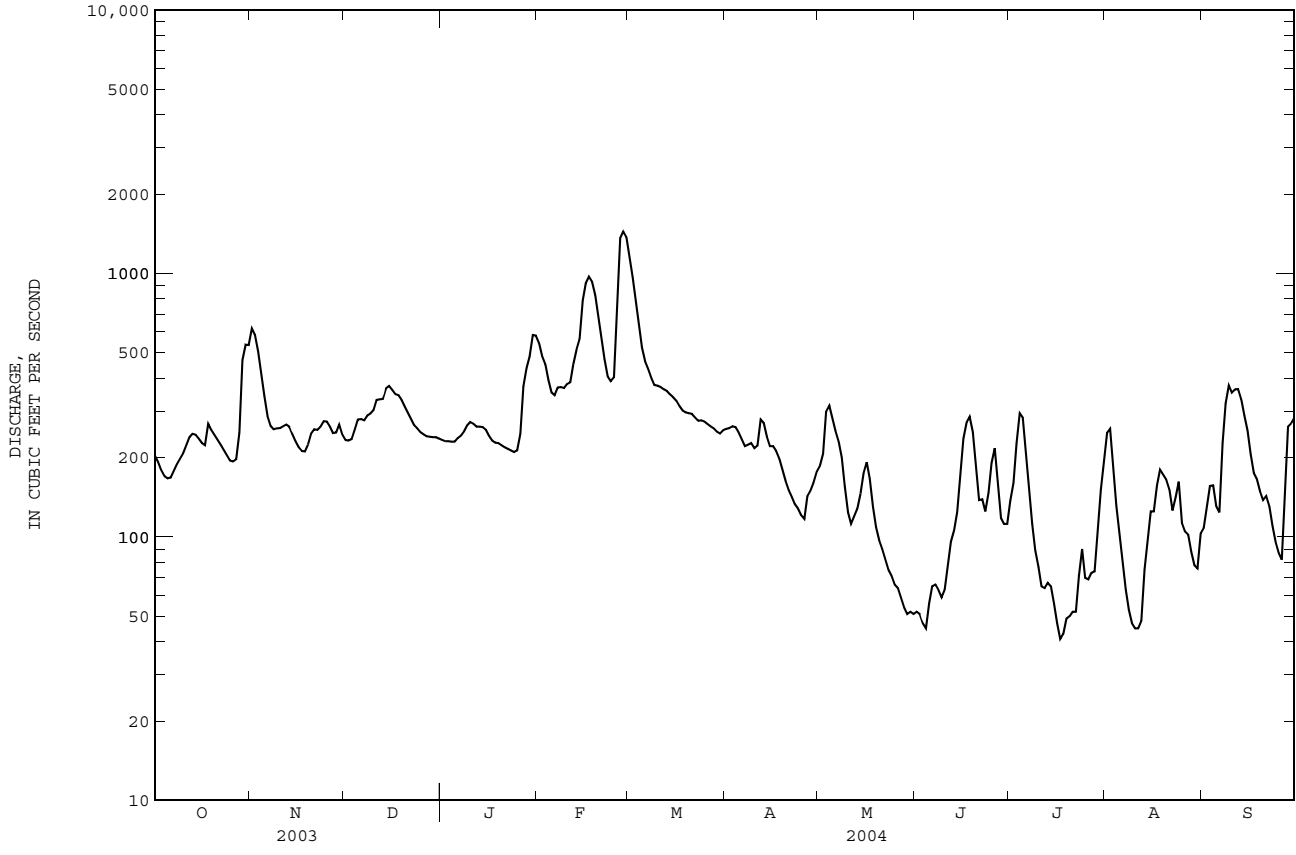
a Also occurred Mar. 23.
 b Also occurred Aug. 18, 2002.
 e Estimated



COMBAHEE RIVER BASIN

02175500 SALKEHATCHIE RIVER NEAR MILEY, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1951 - 2004	
ANNUAL TOTAL	174420		91709			
ANNUAL MEAN	478		251		339	
HIGHEST ANNUAL MEAN					628	1960
LOWEST ANNUAL MEAN					117	2002
HIGHEST DAILY MEAN	1930	Mar 22	1440	Feb 28	3390	Oct 10 1992
LOWEST DAILY MEAN	140	Jan 20	41	Jul 17	2.9	Aug 13 2002
ANNUAL SEVEN-DAY MINIMUM	145	Jan 15	48	Jul 16	7.4	Aug 9 2002
MAXIMUM PEAK FLOW			1570		4360	Oct 9 1992
MAXIMUM PEAK STAGE			4.60		5.79	Oct 9 1992
ANNUAL RUNOFF (CFSM)	1.40		0.735		0.994	
ANNUAL RUNOFF (INCHES)	19.03		10.00		13.51	
10 PERCENT EXCEEDS	999		411		652	
50 PERCENT EXCEEDS	354		230		260	
90 PERCENT EXCEEDS	208		70		92	

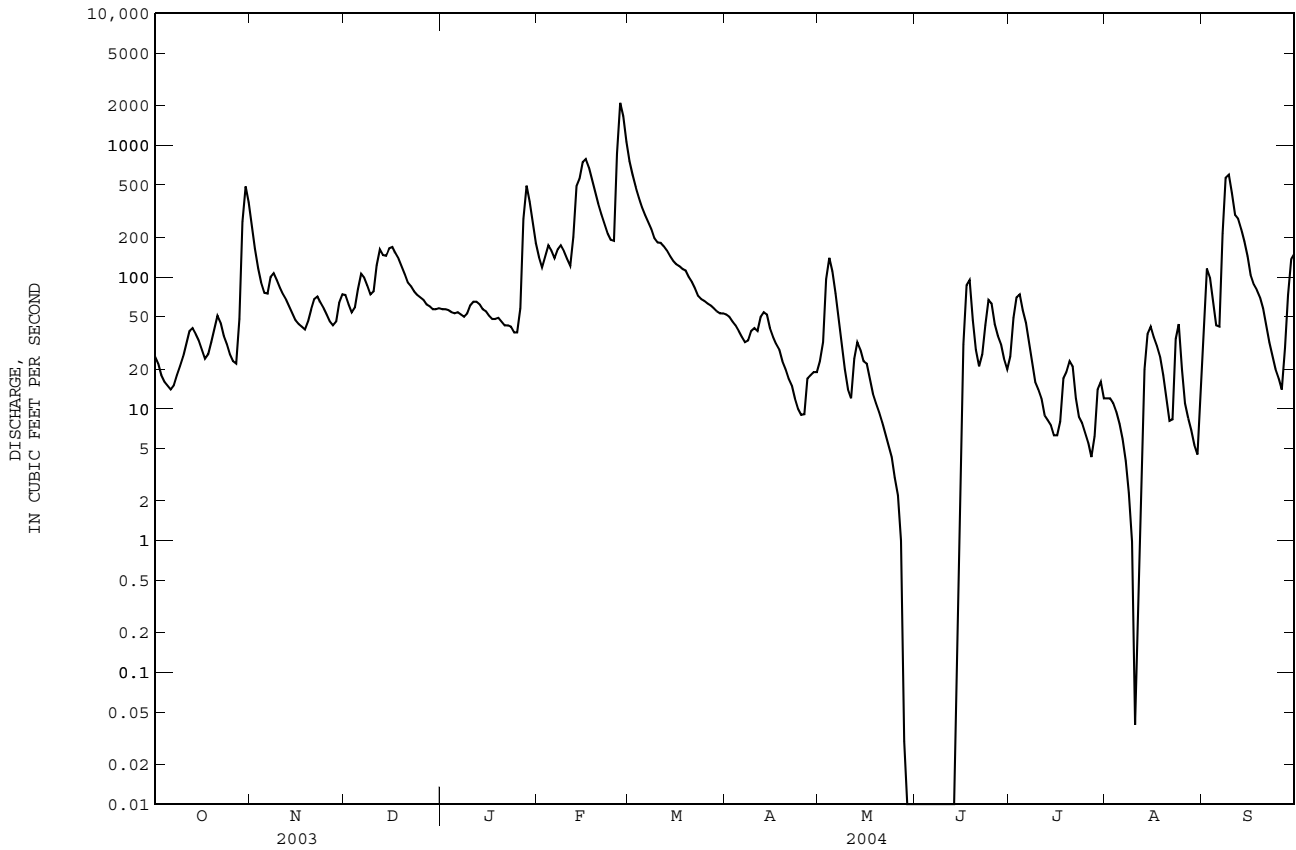


BROAD RIVER BASIN

02176500 COOSAWHATCHIE RIVER NEAR HAMPTON, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1951 - 2004	
ANNUAL TOTAL	72750		36993.94		175	
ANNUAL MEAN	199		101		395	
HIGHEST ANNUAL MEAN					12.2	
LOWEST ANNUAL MEAN					1991	
HIGHEST DAILY MEAN	2120	Mar 22	2100	Feb 27	6590	Sep 2 1969
LOWEST DAILY MEAN	14	Oct 6	0.00	a May 29	0.00	b Aug 31 1951
ANNUAL SEVEN-DAY MINIMUM	17	Oct 3	0.00	May 29	0.00	Jun 29 1954
MAXIMUM PEAK FLOW			2170	Feb 27	8160	Sep 2 1969
MAXIMUM PEAK STAGE			5.18	Feb 27	c 8.39	Sep 2 1969
ANNUAL RUNOFF (CFSM)	0.982		0.498		0.860	
ANNUAL RUNOFF (INCHES)	13.33		6.78		11.69	
10 PERCENT EXCEEDS	440		219		468	
50 PERCENT EXCEEDS	110		47		69	
90 PERCENT EXCEEDS	40		6.3		2.6	

a Also occurred May 30 to June 13.
 b Also occurred many days, many years.
 c From floodmarks.



02176575 OKATEE RIVER NEAR BLUFFTON, SC

LOCATION.--Lat 32°17'22'', long 80°55'47'', Beaufort County, Hydrologic Unit 03050208, on right bank about 100 ft upstream of U.S.Hwy 278 and about 6.0 mi west of Bluffton.

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--July 2001 to September 2004 (discontinued).

REVISED RECORDS.--WRD SC-2004-1:2001-2002.

GAGE.--Data Collection Platform and acoustic velocity meter. Datum of gage is 3.17 ft below NGVD of 1929.

REMARKS.--Records fair. This site is strongly affected by astronomical tides. The astronomical tides occur at primary harmonic periods of 12.42 hours for semi-diurnal tides and 24.84 hours for diurnal tides. Computed 24-hour daily mean discharge for this site may be affected by aliasing due to tides and, thus, may contain spurious fluctuations or oscillations that are not indicative of net downstream discharge.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 273 ft³/s, Oct. 27, 28, 2003; minimum discharge, -202 ft³/s, July 21, 2001.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 273 ft³/s, Oct. 27, 28; minimum discharge, -185 ft³/s, Nov. 24.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	---	---	---	---	---	---	---	---	141	-126	89	-83
2	---	---	---	---	---	---	---	---	123	-95	105	-110
3	---	---	---	---	---	---	---	---	91	-77	151	-124
4	---	---	---	---	---	---	---	---	85	-124	123	-84
5	---	---	---	---	---	---	---	---	82	-94	82	-77
6	---	---	---	---	---	---	---	---	99	-55	82	-131
7	---	---	---	---	---	---	---	---	114	-68	121	-76
8	---	---	---	---	---	---	---	---	52	-26	101	-62
9	---	---	---	---	---	---	---	---	86	-63	100	-53
10	---	---	---	---	---	---	---	---	48	-38	98	-73
11	---	---	---	---	---	---	---	---	72	-49	94	-108
12	---	---	---	---	---	---	---	---	52	-57	131	-160
13	---	---	---	---	---	---	---	---	58	-36	173	-129
14	---	---	---	---	---	---	---	---	85	-107	193	-175
15	---	---	---	---	---	---	---	---	105	-131	195	-161
16	---	---	---	---	---	---	---	---	185	-132	208	-201
17	---	---	---	---	---	---	---	---	170	-184	212	-195
18	---	---	---	---	---	---	---	---	216	-134	212	-175
19	---	---	---	---	---	---	---	---	175	-128	209	-157
20	---	---	---	---	---	---	231	-173	172	-124	179	-165
21	---	---	---	---	---	---	215	-202	170	-150	151	-121
22	---	---	---	---	---	---	240	-188	139	-119	140	-110
23	---	---	---	---	---	---	251	-154	138	-109	146	-93
24	---	---	---	---	---	---	184	-148	92	-78	68	-118
25	---	---	---	---	---	---	173	-149	108	-74	65	-46
26	---	---	---	---	---	---	123	-103	153	-96	78	-37
27	---	---	---	---	---	---	97	-70	157	-70	66	-32
28	---	---	---	---	---	---	85	-95	81	-64	71	-93
29	---	---	---	---	---	---	91	-109	65	-76	121	-86
30	---	---	---	---	---	---	106	-76	56	-110	110	-138
31	---	---	---	---	---	---	187	-93	65	-96	---	---
MONTH	---	---	---	---	---	---	---	---	216	-184	212	-201

BROAD RIVER BASIN

02176575 OKATEE RIVER NEAR BLUFFTON, SC--Continued

Discharge, cubic feet per second
WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	142	-100	137	-134	77	-103	110	-86	126	-103	131	-139
2	135	-109	104	-79	84	-107	149	-131	101	-85	158	-132
3	123	-131	124	-103	74	-100	134	-126	92	-85	109	-86
4	118	-107	110	-72	105	-86	100	-62	75	-58	79	-55
5	133	-103	125	-50	87	-119	75	-59	60	-32	54	-30
6	91	-120	118	-81	103	-35	80	-61	77	-66	56	-32
7	121	-60	99	-66	100	-89	46	-30	93	-83	54	-33
8	116	-65	68	-66	105	-92	47	-43	48	-40	56	-40
9	100	-119	89	-24	84	-79	54	-22	79	-66	59	-50
10	122	-93	61	-89	138	-129	45	-34	98	-88	58	-42
11	104	-143	92	-68	141	-101	---	---	57	-43	68	-58
12	132	-101	125	-101	139	-128	---	---	74	-63	95	-82
13	166	-149	153	-94	156	-128	62	-43	69	-57	86	-64
14	179	-138	137	-111	137	-112	69	-55	71	-64	63	-48
15	177	-158	138	-179	108	-81	50	-36	77	-45	65	-55
16	173	-156	136	-90	139	-105	50	-34	60	-38	63	-46
17	159	-151	121	-71	95	-102	47	-35	47	-26	59	-50
18	168	-159	139	-84	57	-37	41	-22	45	-31	63	-43
19	169	-121	76	-82	68	-49	44	-36	50	-31	55	-52
20	120	-106	80	-79	48	-27	49	-25	44	-33	68	-52
21	157	-106	83	-55	40	-21	38	-25	48	-26	49	-32
22	74	-40	70	-56	48	-36	44	-26	47	-32	78	-54
23	77	-72	72	-36	59	-33	48	-26	59	-51	59	-52
24	49	-70	76	-9.2	46	-25	64	-20	107	-96	87	-79
25	49	-48	51	-34	33	-46	49	-45	136	-124	97	-96
26	29	-32	37	-49	66	-61	106	-92	156	-145	127	-114
27	66	-44	84	-41	76	-37	129	-111	81	-70	138	-127
28	106	-72	69	-42	88	-45	127	-112	138	-124	200	-163
29	57	-99	108	-42	116	-90	125	-113	---	---	184	-173
30	69	-67	63	-45	118	-106	132	-110	---	---	206	-167
31	121	-118	---	---	114	-98	140	-125	---	---	196	-141
MONTH	179	-159	153	-179	156	-129	---	---	156	-145	206	-173

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	165	-131	115	-97	63	-39	43	-28	95	-52	92	-50
2	158	-131	69	-58	43	-39	36	-50	152	-70	130	-73
3	123	-102	49	-31	91	-70	29	-30	114	-98	151	-110
4	58	-38	50	-31	53	-68	66	-43	133	-131	161	-108
5	78	-62	63	-33	69	-75	83	-18	178	-116	160	-128
6	73	-69	62	-36	102	-64	33	-85	183	-132	196	-134
7	70	-49	58	-32	97	-38	38	-57	185	-131	195	-146
8	74	-60	51	-37	137	-121	29	-53	203	-160	200	-157
9	52	-43	67	-59	191	-55	112	-32	203	-177	185	-162
10	59	-53	66	-53	132	-107	59	-118	192	-172	141	-115
11	89	-81	103	-99	113	-107	102	-68	167	-144	135	-116
12	92	-78	107	-91	135	-92	102	-44	188	-97	110	-133
13	108	-91	85	-72	135	-77	112	-96	177	-114	113	-87
14	85	-85	101	-102	94	-87	87	-68	142	-69	90	-40
15	85	-66	105	-92	90	-93	84	-66	105	-127	58	-33
16	80	-74	89	-65	109	-49	62	-90	64	-106	64	-39
17	75	-50	77	-51	83	-71	70	-58	90	-132	64	-30
18	72	-58	53	-53	74	-83	27	-80	102	-121	51	-109
19	54	-63	76	-65	180	-73	38	-41	135	-90	90	-35
20	53	-35	93	-89	117	-85	38	-53	80	-72	87	-48
21	67	-57	110	-97	146	-83	114	-48	89	-109	84	-36
22	64	-55	152	-138	134	-82	34	-68	132	-90	92	-49
23	115	-107	178	-149	126	-113	54	-17	97	-118	74	-49
24	151	-136	169	-150	103	-55	107	-98	87	-89	102	-26
25	161	-140	176	-137	108	-69	130	-71	84	-107	76	-34
26	203	-176	163	-140	108	-32	128	-79	111	-58	104	-37
27	193	-166	153	-141	76	-10	110	-99	68	-54	103	-27
28	193	-135	155	-89	79	-14	53	-60	62	-59	100	-55
29	155	-120	161	-107	71	-47	54	-28	60	-45	102	-56
30	136	-115	161	-66	32	-48	68	-30	113	-25	133	-83
31	---	---	138	-47	---	---	96	-31	96	-39	---	---
MONTH	203	-176	178	-150	191	-121	130	-118	203	-177	200	-162

BROAD RIVER BASIN

02176575 OKATEE RIVER NEAR BLUFFTON, SC--Continued

Discharge, cubic feet per second
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	129	-82	137	-109	68	-49	---	---	119	-56	140	-64
2	124	-85	155	-126	139	-117	---	---	97	-60	128	-60
3	149	-101	174	-139	140	-110	188	-84	102	-55	131	-68
4	175	-137	184	-146	208	-165	144	-59	86	-35	162	-66
5	180	-133	199	-159	179	-132	124	-54	65	-38	132	-59
6	188	-141	163	-110	139	-111	104	-59	79	-29	107	-61
7	194	-144	166	-106	123	-89	99	-51	77	-18	106	-45
8	203	-153	140	-93	86	-58	61	-23	49	-25	98	-31
9	204	-129	135	-94	88	-54	60	-18	61	-20	144	6.6
10	207	-126	92	-58	119	-87	55	-14	67	-13	154	-20
11	220	-65	63	-38	---	---	59	-21	58	-24	129	-23
12	159	-68	85	-32	55	-26	69	-23	51	-14	93	-22
13	136	-80	84	-18	61	-28	80	-32	81	-12	89	-18
14	136	-103	81	-32	67	-24	79	-17	89	-25	116	-21
15	156	-111	99	-64	59	-52	65	-20	97	-29	136	-20
16	122	-86	103	-76	53	-29	84	-13	115	-20	145	-28
17	126	-80	117	-42	79	-68	88	-12	122	-36	171	-71
18	124	-80	77	-21	118	-86	96	-51	147	-75	174	-79
19	115	-81	102	-53	131	-100	85	-35	184	-76	209	-98
20	118	-82	121	-78	105	-72	97	-41	138	-58	213	-90
21	99	-77	128	-84	58	-40	88	-23	149	-70	211	-93
22	106	-71	90	-58	67	-36	115	-19	138	-73	235	-78
23	122	-80	52	-24	58	-40	106	-21	127	-73	200	-83
24	107	-77	57	-36	133	-84	90	-35	122	-51	190	-78
25	120	-80	56	-34	57	-13	79	-41	115	-18	156	-63
26	108	-70	64	-37	90	-48	82	-29	137	-29	129	-51
27	83	-43	58	-30	---	---	81	-25	154	-29	127	-46
28	77	-51	81	-43	71	-30	98	-22	111	-40	133	-45
29	85	-61	67	-53	62	-50	110	-33	---	---	116	-48
30	104	-58	46	-25	123	-86	96	-27	---	---	---	---
31	112	-73	---	---	136	-100	102	-48	---	---	112	-47
MONTH	220	-153	199	-159	---	---	---	---	184	-76	---	---

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	93	-47	116	-78	95	-45	110	-43	125	-44	171	-75
2	90	-47	123	-88	86	-23	122	-49	128	-42	142	-68
3	81	-43	116	-92	96	-41	122	-61	131	-44	132	-62
4	80	-35	122	-85	96	-33	141	-29	113	-26	131	-56
5	92	-35	122	-66	88	-43	110	-28	110	-33	155	-54
6	92	-49	98	-80	108	-27	109	-24	137	-39	148	-65
7	103	-34	112	-62	137	-38	100	-24	166	-8.7	211	-73
8	89	-60	105	-41	114	-17	103	-19	147	-22	237	-66
9	114	-54	82	-23	115	-15	117	-35	138	-51	242	-93
10	226	-20	87	-20	158	-23	133	-47	151	-64	228	-102
11	210	-25	98	-19	151	-23	142	-52	171	-73	243	-115
12	204	-8.2	99	-13	139	-37	162	-78	148	-76	221	-109
13	200	-8.6	141	-25	201	-65	170	-81	177	-72	190	-101
14	158	-35	142	-30	200	-70	165	-72	173	-78	179	-98
15	157	-46	173	-88	212	-78	170	-75	159	-71	148	-72
16	183	-75	223	-111	192	-76	157	-71	138	-55	140	-70
17	232	-93	233	-112	193	-84	160	-63	91	-43	119	-40
18	248	-115	245	-116	181	-83	141	-45	83	-33	112	-48
19	248	-115	257	-107	149	-57	107	-31	---	---	103	-48
20	250	-109	251	-102	130	-38	94	-27	---	---	104	-54
21	260	-102	236	-72	124	-36	82	-30	68	-34	100	-29
22	219	-81	182	-68	104	-52	72	-52	67	-25	105	-25
23	184	-85	124	-57	74	-57	82	-27	68	-20	135	-48
24	163	-85	92	-31	89	-39	88	-17	87	-17	169	-77
25	110	-51	210	-28	73	-21	151	-17	84	-34	216	-95
26	101	-52	125	-17	79	-17	166	-6.2	110	-41	259	-108
27	113	-37	97	-16	98	-34	137	6.5	178	-75	271	-124
28	113	-45	133	-27	102	-56	127	-31	181	-81	264	-112
29	120	-62	109	-20	102	-49	133	-38	191	-98	269	-120
30	126	-78	111	-31	129	-52	125	-36	184	-86	256	-112
31	---	---	87	-43	---	---	126	-46	186	-80	---	---
MONTH	260	-115	257	-116	212	-84	170	-81	---	---	271	-124

BROAD RIVER BASIN

02176575 OKATEE RIVER NEAR BLUFFTON, SC--Continued

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	239	-102	214	-81	53	-32	43	-29	61	-38	33	-21
2	243	-101	191	-80	57	-34	47	-37	73	-53	35	-29
3	229	-93	187	-75	63	-43	49	-40	56	-46	42	-33
4	194	-78	163	-73	107	-83	50	-41	63	-50	51	-38
5	178	-68	162	-75	81	-66	56	-47	95	-84	63	-58
6	143	-65	161	-85	56	-37	52	-39	100	-94	69	-63
7	147	-54	137	-70	96	-75	62	-53	66	-40	74	-65
8	138	-55	157	-81	104	-89	87	-74	64	-45	71	-69
9	145	-68	141	-70	94	-70	102	-94	83	-66	94	-115
10	154	-83	174	-85	118	-101	112	-91	62	-46	123	-105
11	140	-85	152	-87	45	-35	107	-83	51	-36	119	-107
12	171	-98	126	-88	81	-67	51	-36	69	-43	81	-74
13	152	-86	98	-61	117	-84	53	-37	67	-48	71	-59
14	154	-82	81	-43	121	-94	65	-53	78	-52	91	-84
15	126	-61	89	-21	69	-56	50	-36	116	-70	73	-71
16	119	-70	55	-30	69	-51	68	-53	115	-83	69	-64
17	87	-27	49	-26	48	-29	82	-70	124	-95	71	-68
18	90	-41	70	-42	46	-34	131	-114	115	-93	120	-119
19	92	-33	64	-59	48	-31	111	-94	120	-106	107	-102
20	95	-35	118	-92	63	-47	172	-142	124	-108	145	-142
21	101	-39	152	-133	132	-109	167	-140	86	-65	129	-84
22	116	-40	179	-153	158	-128	138	-125	93	-81	102	-101
23	134	-52	199	-157	174	-159	76	-73	91	-82	109	-85
24	167	-69	199	-185	164	-148	80	-47	91	-63	89	-61
25	240	-99	192	-170	134	-100	130	-97	75	-60	72	-36
26	253	-104	203	-168	119	-98	116	-97	127	-105	53	-33
27	273	-112	184	-164	106	-85	49	-58	61	-36	44	-33
28	273	-116	149	-125	91	-73	41	-33	48	-36	36	-31
29	242	-116	58	-37	65	-49	34	-23	42	-24	52	-44
30	261	-110	60	-44	44	-34	31	-22	---	---	59	-48
31	194	-69	---	---	46	-27	31	-23	---	---	59	-48
MONTH	273	-116	214	-185	174	-159	172	-142	127	-108	145	-142

Discharge, cubic feet per second

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	44	-35	79	-44	143	-147	173	-158	104	-56	---	---
2	56	-42	120	-92	167	-179	166	-163	153	-27	---	---
3	87	-89	103	-110	178	-179	166	-155	137	-9.3	---	---
4	116	-110	170	-155	178	-178	161	-156	41	-52	---	---
5	138	-131	160	-154	176	-166	154	-130	35	-64	---	---
6	134	-164	180	-158	159	-157	131	-122	48	-49	---	---
7	166	-145	172	-144	148	-157	121	-87	80	-20	---	---
8	144	-138	159	-142	131	-134	68	-84	78	-37	---	---
9	139	-117	122	-148	108	-108	74	-65	93	-10	---	---
10	133	-128	106	-83	89	-88	105	-24	48	-29	50	-124
11	105	-100	91	-94	71	-84	92	-54	100	-30	88	-79
12	114	-86	59	-45	109	-84	90	-48	55	-75	106	-126
13	87	-69	---	---	146	-125	45	-34	25	-59	152	-113
14	40	-29	---	---	99	-104	59	-47	32	-38	116	-128
15	63	-54	---	---	102	-78	69	-42	112	-20	116	-94
16	85	-68	---	---	78	-64	85	-41	51	-43	121	-83
17	85	-77	---	---	63	-58	63	-45	31	-32	99	-85
18	75	-71	---	---	55	-43	37	-129	32	-45	90	-111
19	63	-62	---	---	58	-55	26	-95	77	-34	109	-156
20	62	-60	---	---	88	-68	53	-42	59	-7.7	96	-161
21	61	-63	---	---	100	-83	31	-125	61	-45	120	-123
22	54	-45	---	---	102	-57	75	-18	42	-62	83	-182
23	54	-35	---	---	62	-57	47	-59	66	-42	81	-117
24	41	-29	---	---	56	-36	67	-54	138	-46	74	-124
25	42	-24	44	-28	56	-52	26	-119	65	-25	128	-123
26	43	-21	40	-22	45	-81	64	-82	42	-128	158	-124
27	34	-22	43	-27	92	-80	56	-63	139	-103	141	-118
28	31	-21	44	-29	67	-113	168	-37	141	-113	133	-41
29	43	-31	67	-66	123	-118	56	-64	104	-99	75	-58
30	51	-39	106	-117	155	-140	36	-80	---	---	---	---
31	---	---	125	-117	---	---	63	-118	---	---	---	---
MONTH	166	-164	---	---	178	-179	173	-163	---	---	---	---

BROAD RIVER BASIN

02176575 OKATEE RIVER NEAR BLUFFTON, SC--Continued

PRECIPITATION RECORDS

PERIOD OF RECORD.--July 2001 to September 2004 (discontinued).

INSTRUMENTATION.--Tipping bucket raingage and data collection platform.

REMARKS.--Precipitation data collected during freezing periods may not be accurately reflected in daily record; consequently, winter record is poor. Records from May through September may have been affected by a partially clogged funnel and is rated poor.

DAY	Precipitation, total, inches											
	WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.05	0.04	0.16	0.18	---
2	0.00	0.00	0.00	0.00	0.22	0.00	0.00	0.90	0.00	0.03	0.20	---
3	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.11	0.00	0.00	0.00	---
4	0.00	0.01	0.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---
5	0.00	0.02	0.01	0.01	0.04	0.00	0.00	0.00	0.00	0.00	0.00	---
6	0.00	0.00	0.00	0.01	0.30	0.00	0.00	0.00	0.38	0.00	0.00	---
7	0.10	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.03	0.00	0.00	---
8	0.16	0.03	0.00	0.08	0.00	0.00	0.22	0.00	0.00	0.00	0.00	---
9	0.00	0.24	0.00	0.30	0.00	0.10	0.01	0.00	0.01	0.02	0.00	---
10	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.55	0.03	0.00	0.15
11	0.01	0.00	0.00	0.00	0.19	0.00	0.00	0.00	0.01	0.00	0.06	0.20
12	0.00	0.01	0.00	0.01	0.62	0.00	0.95	0.00	0.07	0.00	0.63	0.00
13	0.00	0.00	0.05	0.00	0.00	0.00	0.25	0.00	0.79	0.00	0.27	0.41
14	0.01	0.00	0.56	0.00	0.88	0.00	0.00	0.00	0.83	0.00	1.41	0.24
15	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00	1.04	0.00	0.11	0.01
16	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.05
17	0.30	0.00	0.00	0.00	0.19	0.00	0.00	0.00	0.00	0.00	0.05	0.00
18	0.10	0.00	0.00	0.03	0.00	0.00	0.00	0.04	0.01	0.23	0.01	0.00
19	0.01	0.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.43	0.00	0.00	0.00
22	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.56	0.00	0.12	0.00
23	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.45	0.27	0.00	0.92	0.00
24	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00
25	0.00	0.00	0.00	0.05	0.36	0.00	0.00	0.00	0.04	0.62	0.68	0.00
26	0.00	0.00	0.00	1.13	0.46	0.00	0.38	0.00	0.00	0.00	0.01	0.86
27	0.15	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.03	1.40
28	2.55	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.19	0.00
29	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.00	1.05	0.00	0.00
30	0.01	0.01	0.00	0.00	---	0.02	0.03	0.00	0.06	0.01	---	0.00
31	0.00	---	0.00	0.00	---	0.00	---	0.00	---	0.42	---	---
TOTAL	3.48	1.02	1.57	1.62	3.45	0.13	1.85	1.70	5.21	2.57	---	---

02176576 MAYLIND CREEK NEAR CHELSEA, SC

LOCATION.--Lat 32°19'54'', long 80°55'13'', Beaufort County, Hydrologic Unit 03050208, on left bank about 40 ft downstream of bridge on Heffalump Rd, about 1.8 mi south of Chelsea.

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--July 2001 to September 2004 (discontinued).

REVISED RECORDS.--WRD SC-2004-1:2001-2002.

GAGE.--Data Collection Platform and acoustic velocity meter. Datum of gage is 3.02 ft below NGVD of 1929.

REMARKS.--Records poor. This site is strongly affected by astronomical tides. The astronomical tides occur at primary harmonic periods of 12.42 hours for semi-diurnal tides and 24.84 hours for diurnal tides. Computed 24-hour daily mean discharge for this site may be affected by aliasing due to tides and, thus, may contain spurious fluctuations or oscillations that are not indicative of net downstream discharge.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 348 ft³/s, Dec. 6, 2002; minimum discharge, -290 ft³/s, Nov. 13, 2001.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 165 ft³/s, Oct. 3; minimum discharge, -97 ft³/s, Oct. 2.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	---	---	---	---	---	---	---	---	109	-67	67	-50
2	---	---	---	---	---	---	---	---	44	-77	68	-61
3	---	---	---	---	---	---	---	---	116	-31	79	-60
4	---	---	---	---	---	---	---	---	77	-70	74	-59
5	---	---	---	---	---	---	---	---	68	-52	116	-40
6	---	---	---	---	---	---	---	---	94	-51	116	-55
7	---	---	---	---	---	---	---	---	94	-24	75	-74
8	---	---	---	---	---	---	---	---	84	-37	68	-59
9	---	---	---	---	---	---	---	---	64	-51	70	-64
10	---	---	---	---	---	---	---	---	39	-30	70	-53
11	---	---	---	---	---	---	---	---	48	-20	74	-42
12	---	---	---	---	---	---	---	---	20	-51	101	-66
13	---	---	---	---	---	---	---	---	48	-57	125	-93
14	---	---	---	---	---	---	---	---	84	-46	140	-63
15	---	---	---	---	---	---	---	---	38	-97	173	-89
16	---	---	---	---	---	---	---	---	136	-80	154	-101
17	---	---	---	---	---	---	---	---	152	-102	139	-108
18	---	---	---	---	---	---	---	---	171	-40	155	-87
19	---	---	---	---	---	---	---	---	135	-78	136	-78
20	---	---	---	---	---	---	---	---	127	-73	116	-100
21	---	---	---	---	---	---	---	---	140	-74	78	-86
22	---	---	---	---	---	---	---	---	117	-87	114	-69
23	---	---	---	---	---	---	---	---	101	-88	106	-64
24	---	---	---	---	---	---	---	---	80	-62	56	-81
25	---	---	---	---	---	---	---	---	61	-71	61	-52
26	---	---	---	---	---	---	---	---	77	-64	64	-56
27	---	---	---	---	---	---	---	---	101	-77	59	-52
28	---	---	---	---	---	---	---	---	46	-68	79	-14
29	---	---	---	---	---	---	---	---	78	-85	46	-67
30	---	---	---	---	---	---	---	---	105	-24	76	-77
31	---	---	---	---	---	---	---	---	48	-111	83	-58
MONTH	---	---	---	---	---	---	---	---	171	-102	173	-108

02176576 MAYLIND CREEK NEAR CHELSEA, SC--Continued

Discharge, cubic feet per second
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	86	-61	96	-60	104	-18	133	-75	78	-48	95	-64
2	91	-62	104	-80	319	-57	101	-57	67	-43	104	-67
3	101	-64	116	-69	57	-104	78	-46	63	-40	85	-59
4	113	-74	111	-76	136	-134	82	-48	49	-19	98	-62
5	113	-73	131	-88	100	-107	90	-53	34	-16	83	-41
6	114	-78	114	-59	348	-30	64	-36	37	-15	53	-32
7	118	-75	96	-79	73	-211	51	-19	29	-18	70	-20
8	125	-81	112	-52	53	-226	28	-9.8	15	-19	59	-27
9	127	-82	91	-69	99	-55	28	-10	15	-18	53	-27
10	127	-76	77	-26	139	-23	27	-11	24	-24	40	-27
11	121	-56	55	-1.4	65	-196	27	-11	24	-17	41	-29
12	102	-58	35	-11	89	-16	31	-11	18	-22	38	-26
13	88	-63	37	-33	72	-25	7.4	-21	31	-25	41	-28
14	98	-65	64	-34	84	-8.1	45	-17	30	-31	52	-39
15	119	-72	66	-42	127	-27	36	-14	61	-36	96	-65
16	84	-56	76	-55	78	-0.85	64	-40	111	-66	106	-67
17	83	-57	85	2.5	51	-117	46	-16	120	-68	114	-72
18	85	-44	50	-64	71	-68	84	-50	91	-56	130	-74
19	86	-42	83	-43	91	-59	47	-28	97	-63	131	-81
20	78	-45	81	-52	75	-55	40	-17	87	-61	140	-74
21	75	-39	84	-107	45	-31	50	-26	90	-61	125	-69
22	66	-47	62	-45	51	-31	78	-47	99	-63	120	-56
23	72	-40	92	-34	50	-32	62	-34	60	-30	95	-62
24	86	-54	60	-37	99	-60	42	-17	50	-36	89	-59
25	84	-26	38	-290	34	-7.5	38	-16	49	-35	81	-55
26	69	-60	87	-30	60	-42	62	-36	63	-47	71	-52
27	55	-56	102	-18	62	-45	44	-22	95	-63	70	-53
28	61	-46	70	-91	48	-32	62	-41	77	-54	96	-64
29	64	-29	171	-11	52	-37	75	-47	---	---	81	-55
30	75	-33	48	-32	86	-60	85	-51	---	---	---	---
31	74	-27	---	---	95	-65	76	-46	---	---	64	-44
MONTH	127	-82	171	-290	348	-226	133	-75	120	-68	---	---

Discharge, cubic feet per second

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	56	-42	83	-62	71	-53	100	-73	74	-55	75	-57
2	45	-34	71	-58	67	-59	104	-44	77	-51	70	-55
3	45	-31	62	-50	78	-53	63	-44	69	-51	72	-51
4	55	-43	62	-70	72	-41	57	-39	55	-44	71	-57
5	57	-37	97	-61	52	-40	55	-41	64	-50	87	-63
6	50	-56	82	-40	55	-42	54	-39	78	-47	99	-78
7	90	-50	45	-27	75	-52	49	-37	82	-61	107	-74
8	---	---	42	-24	56	-41	58	-43	89	-67	108	-75
9	---	---	40	-29	60	-45	80	-60	101	-74	116	-80
10	---	---	38	-30	87	-66	100	-68	90	-64	99	-72
11	---	---	42	-34	113	-77	106	-75	93	-64	104	-74
12	---	---	45	-36	124	-82	169	-32	96	-67	104	-70
13	---	---	77	-67	125	-82	---	---	96	-68	---	---
14	---	---	117	-83	122	-81	---	---	96	-58	71	-55
15	---	---	122	-87	116	-80	---	---	83	-51	60	-47
16	---	---	128	-90	118	-73	96	-53	63	-45	58	-46
17	---	---	123	-97	107	-72	75	-40	44	-34	66	-52
18	---	---	136	-87	105	-64	54	-37	34	-27	---	---
19	---	---	145	-85	101	-41	40	-34	45	-34	---	---
20	---	---	124	-85	61	-35	42	-29	44	-34	---	---
21	---	---	102	-74	66	-47	45	-33	39	-30	---	---
22	---	---	69	-52	69	-51	30	-27	40	-31	86	-64
23	---	---	76	-32	62	-46	60	-15	35	-32	89	-65
24	67	-52	52	-42	57	-44	47	-5.5	53	-43	116	-77
25	63	-49	84	-45	60	-47	44	-25	79	-60	143	-89
26	55	-45	65	-39	66	-50	69	-43	88	-66	127	-89
27	75	-60	55	-39	73	-56	69	-47	94	-69	125	-82
28	78	-61	80	-60	79	-60	70	-50	88	-64	---	---
29	76	-57	62	-49	63	-48	81	-58	87	-66	110	-77
30	80	-61	77	-59	78	-57	78	-59	91	-59	---	---
31	---	---	56	-45	---	---	76	-55	82	-55	---	---
MONTH	---	---	145	-97	125	-82	---	---	101	-74	---	---

BROAD RIVER BASIN

02176576 MAYLIND CREEK NEAR CHELSEA, SC--Continued

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	---	---	96	-68	33	-25	33	-23	46	-40	28	-22
2	---	---	---	---	39	-29	38	-27	64	-47	26	-24
3	165	-88	---	---	49	-37	42	-32	48	-40	28	-23
4	109	-91	89	-62	80	-59	42	-31	47	-37	39	-32
5	110	-63	85	-60	67	-50	48	-40	74	-55	54	-41
6	121	-68	89	-58	47	-32	39	-28	86	-62	58	-46
7	---	---	76	-55	72	-52	52	-39	40	-28	60	-46
8	---	---	94	-64	77	-55	68	-45	50	-35	62	-46
9	---	---	93	-64	77	-47	76	-55	66	-48	75	-65
10	---	---	96	-63	94	-66	82	-58	53	-39	88	-59
11	---	---	92	-59	37	-33	84	-56	40	-31	89	-59
12	---	---	59	-44	64	-49	47	-36	51	-37	68	-49
13	---	---	28	-16	78	-56	40	-30	57	-40	60	-44
14	---	---	48	-34	96	-63	55	-40	58	-41	76	-51
15	---	---	46	-27	57	-44	34	-26	89	-57	61	-48
16	---	---	41	-32	56	-44	56	-43	90	-62	59	-47
17	---	---	37	-27	45	-33	65	-44	100	-67	60	-44
18	---	---	51	-38	44	-30	95	-68	91	-63	91	-63
19	---	---	53	-41	40	-32	83	-55	94	-65	81	-55
20	---	---	78	-56	50	-39	120	-77	94	-66	103	-72
21	---	---	100	-66	102	-65	114	-75	64	-49	74	-50
22	80	-59	117	-73	115	-70	102	-69	69	-50	77	-56
23	116	-76	136	-84	123	-80	63	-44	69	-49	80	-47
24	113	-80	142	-89	118	-73	67	-40	70	-48	67	-42
25	---	---	130	-82	97	-58	92	-59	62	-46	55	-30
26	---	---	146	-84	86	-57	85	-54	105	-65	41	-19
27	---	---	127	-78	79	-56	---	---	53	-35	33	-19
28	---	---	100	-66	71	-48	31	-25	40	-31	28	-20
29	---	---	41	-33	54	-40	27	-18	34	-30	43	-32
30	---	---	47	-35	34	-31	23	-18	---	---	47	-34
31	100	-71	---	---	37	-24	20	-18	---	---	52	-38
MONTH	---	---	---	---	123	-80	---	---	105	-67	103	-72

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	37	-28	50	-40	105	-74	125	-81	127	-80	75	-53
2	43	-31	82	-54	122	-83	121	-79	123	-85	74	-51
3	71	-51	81	-59	124	-84	121	-84	129	-66	82	-62
4	82	-59	118	-80	117	-83	127	-77	92	-60	74	-51
5	97	-66	127	-81	111	-79	121	-70	76	-58	69	-50
6	111	-78	127	-83	112	-72	100	-63	75	-53	86	-66
7	114	-71	123	-70	103	-72	88	-59	83	-61	58	-43
8	100	-65	116	-69	82	-62	69	-59	58	-41	44	-38
9	101	-63	104	-69	74	-55	64	-47	52	-39	38	-31
10	98	-65	86	-57	67	-50	68	-50	37	-29	46	-30
11	81	-56	85	-57	68	-48	66	-49	36	-34	65	-52
12	77	-53	65	-46	76	-57	55	-40	50	-36	98	-69
13	67	-50	56	-41	94	-64	55	-45	45	-37	97	-70
14	22	-20	63	-43	78	-59	43	-37	40	-32	109	-73
15	49	-40	56	-46	75	-52	34	-31	62	-48	96	-68
16	64	-47	67	-52	60	-43	74	-53	71	-52	94	-67
17	63	-49	78	-55	58	-44	70	-53	68	-51	100	-59
18	60	-45	65	-50	55	-44	50	-41	66	-53	75	-52
19	56	-43	61	-48	62	-52	67	-51	72	-46	76	-56
20	53	-42	47	-37	62	-60	67	-50	62	-34	107	-68
21	50	-39	43	-30	83	-54	66	-45	40	-30	119	-73
22	51	-34	41	-32	76	-37	59	-40	47	-38	99	-76
23	46	-22	39	-29	45	-30	51	-39	77	-48	79	-60
24	32	-22	40	-24	27	-24	49	-37	86	-62	94	-64
25	29	-16	33	-21	28	-22	60	-42	85	-67	115	-70
26	30	-11	28	-21	32	-24	64	-52	91	-65	138	-63
27	24	-13	26	-17	65	-53	84	-61	108	-73	142	-88
28	25	-11	30	-25	65	-51	93	-67	121	-80	92	-53
29	40	-15	58	-38	95	-67	103	-73	92	-69	77	-60
30	42	-31	76	-62	104	-75	120	-81	77	-56	89	-61
31	---	---	83	-62	---	---	151	-91	75	-55	---	---
MONTH	114	-78	127	-83	124	-84	151	-91	129	-85	142	-88

BROAD RIVER BASIN

02176576 MALIND CREEK NEAR CHELSEA, SC--Continued

PRECIPITATION RECORDS

PERIOD OF RECORD.--July 2001 to September 2004 (discontinued).

INSTRUMENTATION.--Tipping bucket raingage and data collection platform.

REMARKS.--Precipitation data collected during freezing periods may not be accurately reflected in daily record; consequently, winter record is poor.

Precipitation, total, inches
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
 DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.34	0.06	0.17	0.05	0.00
2	0.00	0.01	0.00	0.00	0.30	0.00	0.00	1.27	0.00	0.02	0.75	0.20
3	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.04	0.00	0.00	0.00	0.01
4	0.00	0.00	0.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.01	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.06
6	0.00	0.00	0.00	0.01	0.35	0.00	0.00	0.00	0.67	0.00	0.00	1.29
7	0.06	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.37
8	0.20	0.09	0.00	0.09	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00
9	---	0.14	0.00	0.44	0.01	0.17	0.00	0.00	0.77	0.02	0.00	0.00
10	---	0.00	0.31	0.00	0.00	0.00	0.00	0.00	3.19	0.06	0.00	1.70
11	---	0.00	0.00	0.00	0.22	0.00	0.00	0.00	0.01	0.00	0.02	0.01
12	---	0.00	0.00	0.00	0.78	0.00	1.34	0.00	0.00	0.00	0.72	0.01
13	---	0.00	0.07	0.00	0.00	0.00	0.34	0.00	0.30	0.00	0.30	0.37
14	---	0.00	0.69	0.00	1.06	0.00	0.00	0.00	1.18	0.00	0.59	0.08
15	---	0.00	0.00	0.00	0.13	0.00	0.00	0.00	0.57	0.00	0.11	0.00
16	---	0.00	0.01	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.06
17	---	0.00	0.01	0.00	0.12	0.01	0.00	0.00	0.00	0.00	0.02	0.01
18	---	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.22	1.48	0.00	0.00
19	---	0.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
20	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	---	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.38	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.24	0.00	0.12	0.00
23	0.00	0.00	0.00	0.00	0.07	0.00	0.00	2.70	0.45	0.00	1.63	0.00
24	0.00	0.08	0.02	0.00	0.00	0.00	0.00	0.00	0.09	0.20	0.00	0.00
25	0.00	0.00	0.00	0.08	0.54	0.00	0.00	0.00	0.31	2.25	0.23	0.00
26	0.00	0.00	0.00	1.72	0.57	0.00	0.37	0.00	0.00	0.11	0.00	0.99
27	0.11	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.32	0.00	0.00	1.96
28	2.98	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.10	0.00
29	0.13	0.00	0.01	0.00	0.00	0.00	0.00	0.43	0.00	1.06	0.03	0.00
30	0.01	0.00	0.01	0.00	---	0.05	0.09	0.00	0.15	0.00	0.01	0.00
31	0.00	---	0.00	0.00	---	0.00	---	0.00	---	1.70	1.60	---
TOTAL	---	1.10	2.04	2.38	4.20	0.26	2.24	4.78	10.95	7.07	6.29	7.12

02176585 BRICKYARD CREEK NEAR BEAUFORT, SC

LOCATION.--Lat 32°28'26'', long 80°41'34'', Beaufort County, Hydrologic Unit 03050208, on wood piling of channel marker #221 near main channel of Brickyard Creek (Intracoastal Waterway) near Beaufort Marine Corps Air Station. approximately 1.25 mi north of the confluence of Brickyard Creek and Albergotti Creek.

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--May 2001 to current year.

GAGE.--Data Collection Platform and acoustic velocity meter. Elevation of gage is 5.0 ft below NGVD of 1929 (from topographic map).

REMARKS.--Records poor. During the rising side of the stage hydrograph, flows enter Brickyard Creek from the south from the Beaufort River. However, near the peak of the stage hydrograph the discharges at this site are influenced by flows from the north from the Coosaw River. During this period the index path velocity recorded by the AVM may not be representative of the cross-section. During high-tides bankfull capacity is exceeded at about 18 ft gage height and flow by-passes the gage. This by-passed flow cannot be measured and are not included in the discharge values shown herein. This site is strongly affected by astronomical tides. The astronomical tides occur at primary harmonic periods of 12.42 hours for semi-diurnal tides and 24.84 hours for diurnal tides. Computed 24-hour daily mean discharge for this site may be affected by aliasing due to tides and, thus, may contain spurious fluctuations or oscillations that are not indicative of net downstream discharge.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 20,400 ft³/s, Jan. 16, 2003, maximum gage height, 22.15 ft, July 21, 2001; minimum discharge, -34,700, Aug. 18, 2001, minimum gage height, 8.99 ft, Nov. 6, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 18,300 ft³/s, Feb. 26, Sep. 27, maximum gage height, 21.43 ft, Nov. 26; minimum discharge, -27,400 ft³/s, July 3, minimum gage height, 9.45 ft, Mar. 8.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	16000	-17900	14100	-15500	9250	-10300	---	---	14700	-8990	11000	-6330
2	15600	-17700	14000	-15600	---	---	---	---	15500	-8760	10400	-7540
3	14900	-16600	14800	-16500	---	---	12600	-10600	13900	-15000	11800	-8110
4	14400	-19400	14600	-16600	16100	-10200	12200	-11600	13500	-14900	12300	-8320
5	13700	-15100	14600	-18200	13900	-12800	13000	-12800	16700	-11200	13600	-16100
6	14300	-14200	13600	-19900	13300	-12900	13000	-10500	14400	-19500	13000	-18900
7	14500	-16000	---	---	13900	-15200	12500	-11400	13500	-18800	13200	-23400
8	15000	-15800	---	---	15000	-14300	13500	-15100	14400	-11300	13900	-24000
9	14700	-16500	---	---	13400	-12900	---	---	15200	-12000	15600	-14800
10	14700	-14300	---	---	14000	-16200	---	---	14300	-13200	16800	-14000
11	14800	-12700	---	---	10600	-23700	---	---	13500	-12600	14500	-18300
12	14000	-14800	---	---	13800	-8440	12500	-20600	14900	-11400	13600	-19200
13	14300	-14600	9850	-13800	16400	-8550	13100	-12700	14300	-12100	14800	-11700
14	13400	-16400	11100	-11700	16000	-13000	---	---	14800	-12400	15600	-12800
15	12500	-12300	10800	-9400	13800	-10200	12500	-15800	15900	-13400	13900	-13600
16	12900	-9450	11700	-11400	13500	-9160	13000	-10600	16000	-12800	13800	-11900
17	12500	-11900	10300	-12200	12400	-18600	14500	-11900	15900	-13700	14000	-12600
18	11500	-9360	11700	-12500	11400	-15600	15200	-22600	15500	-19300	14300	-19600
19	11800	-11500	12200	-15700	---	---	14600	-18700	14700	-21800	15200	-16000
20	12100	-11700	13300	-18500	---	---	15700	-17700	15500	-21300	17000	-21900
21	11900	-17100	14900	-18200	---	---	15900	-19000	14500	-22400	14600	-19300
22	14600	-17500	15900	-20200	---	---	15000	-20900	15600	-13500	16100	-13100
23	15800	-22200	16300	-21500	---	---	13700	-17100	15300	-12500	15400	-13400
24	16200	-23800	15900	-23900	---	---	14700	-17400	14100	-11600	14300	-9800
25	16700	-19800	16200	-17300	---	---	15400	-14100	14200	-13100	14400	-12200
26	16400	-21100	16600	-22100	---	---	15400	-14500	18300	-11400	12300	-9940
27	16400	-24700	15800	-20500	---	---	13600	-12100	13300	-8800	11000	-8450
28	16600	-21000	13800	-24700	---	---	11100	-16500	11700	-7970	12300	-8000
29	16400	-17100	11300	-14400	---	---	11500	-12900	10500	-9530	10200	-5760
30	15900	-14200	11000	-11700	---	---	11700	-11700	---	---	11400	-5710
31	15400	-15400	---	---	---	---	12200	-8990	---	---	---	---
MONTH	16700	-24700	---	---	---	---	---	---	18300	-22400	---	---

02176585 BRICKYARD CREEK NEAR BEAUFORT, SC--Continued

Temperature, water, degrees Celsius
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	24.4	22.5	23.7	22.0	20.3	21.4	14.7	12.5	13.9	---	---	---
2	24.2	22.8	23.6	21.9	20.4	21.4	14.3	12.2	13.4	---	---	---
3	23.4	21.0	22.6	21.9	21.1	21.5	13.6	11.8	12.8	12.5	10.9	11.4
4	23.2	21.8	22.7	22.9	21.6	22.1	12.8	11.8	12.1	13.6	11.7	12.4
5	24.0	22.6	23.3	23.8	22.3	22.9	12.5	11.7	12.0	15.2	12.5	13.6
6	24.3	23.2	23.6	24.4	22.9	23.5	11.9	11.0	11.6	14.6	12.5	13.7
7	23.8	23.3	23.5	---	---	---	11.7	10.4	11.3	12.8	11.1	11.7
8	24.2	23.2	23.5	---	---	---	12.1	10.4	11.2	11.5	10.2	10.9
9	24.3	23.0	23.5	---	---	---	12.2	10.6	11.4	---	---	---
10	23.5	22.9	23.3	---	---	---	13.1	11.6	12.2	---	---	---
11	23.9	22.8	23.2	---	---	---	12.6	10.8	12.0	---	---	---
12	23.6	22.7	23.2	---	---	---	12.3	10.6	11.7	---	---	---
13	24.3	22.5	23.3	20.3	18.5	19.6	12.3	10.9	11.7	9.9	8.0	9.2
14	24.8	23.4	24.0	19.3	16.7	18.0	12.0	10.8	11.5	10.5	8.6	9.7
15	24.6	22.2	23.3	18.4	16.3	17.8	11.3	9.3	10.8	11.3	9.6	10.4
16	23.5	20.7	22.7	18.9	16.9	18.1	11.4	9.7	10.9	11.0	9.3	10.4
17	23.2	21.0	22.7	19.5	18.0	18.9	11.6	10.2	11.4	10.8	9.5	10.3
18	23.2	20.9	22.5	20.0	18.9	19.6	10.9	9.1	10.2	12.6	10.4	11.2
19	22.6	20.8	22.0	20.2	19.1	20.0	10.4	8.7	9.7	12.3	11.2	11.7
20	22.5	21.2	22.0	19.3	18.0	19.0	9.7	7.6	8.9	11.3	10.3	10.8
21	22.5	21.5	22.2	19.7	18.1	18.6	9.2	7.5	8.4	10.8	9.4	10.2
22	22.4	21.2	21.9	19.4	18.0	18.5	9.5	7.7	8.5	10.8	9.5	10.2
23	21.8	20.6	21.2	19.1	17.9	18.5	---	---	---	10.4	8.8	9.9
24	21.8	20.3	21.0	19.4	18.3	18.9	---	---	---	10.9	8.8	9.9
25	21.7	20.3	21.0	19.0	17.1	18.0	10.9	9.6	10.3	10.5	9.9	10.4
26	22.2	21.2	21.6	18.1	16.8	17.5	---	---	---	10.3	9.2	9.7
27	22.4	21.7	22.0	18.4	17.0	17.8	---	---	---	9.5	8.4	8.9
28	22.1	21.5	21.9	18.6	16.9	18.1	10.8	9.1	10.1	8.9	6.5	8.1
29	21.9	20.7	21.4	17.7	14.0	15.6	10.7	9.6	10.3	8.5	7.0	8.1
30	21.9	19.9	21.3	15.6	12.8	14.4	12.0	10.4	10.9	8.6	7.4	8.2
31	21.9	20.1	21.3	---	---	---	11.5	10.1	11.1	8.7	8.0	8.4
MONTH	24.8	19.9	22.5	---	---	---	---	---	---	---	---	---

Temperature, water, degrees Celsius												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	8.6	7.5	8.0	11.9	10.4	11.0	18.4	16.7	17.6	23.5	22.8	23.0
2	8.4	7.1	7.6	13.6	11.4	12.4	17.4	15.7	16.7	24.0	22.8	23.3
3	9.1	8.1	8.6	14.9	12.5	13.7	18.6	15.9	16.9	24.7	22.7	23.4
4	9.8	8.4	8.9	16.4	13.3	14.9	18.9	16.5	17.2	23.7	21.5	22.5
5	9.8	8.7	9.2	17.9	14.3	16.1	18.9	16.1	17.2	24.1	21.5	22.6
6	12.4	9.6	10.9	18.1	15.1	16.8	18.9	16.6	17.5	25.2	22.3	23.5
7	12.8	11.2	12.2	18.9	16.3	17.0	19.3	17.0	18.1	26.4	23.4	24.6
8	11.4	9.4	10.7	16.7	15.2	16.1	19.8	18.0	18.7	27.5	24.3	25.5
9	10.9	10.0	10.4	15.5	14.3	14.8	20.7	18.2	19.2	27.3	25.0	25.8
10	11.1	10.3	10.6	15.2	13.6	14.2	21.7	19.0	20.1	27.0	24.9	25.8
11	11.5	10.7	10.9	15.3	13.2	14.2	22.5	20.1	21.2	26.6	25.3	25.8
12	11.3	10.4	10.8	15.6	13.1	14.5	22.5	20.8	21.8	26.7	25.2	25.8
13	11.7	9.8	10.6	15.5	13.9	14.7	22.6	20.7	21.8	27.3	25.5	26.1
14	11.4	10.5	10.9	16.5	14.4	15.3	20.7	17.9	19.3	27.5	25.8	26.4
15	11.1	10.2	10.6	17.4	15.7	16.5	19.1	17.4	18.4	26.8	25.9	26.3
16	10.8	10.0	10.5	18.3	16.6	17.4	21.6	18.2	19.0	27.0	25.3	25.9
17	10.3	8.6	9.6	18.1	16.7	17.3	21.4	18.9	19.7	27.4	25.4	26.2
18	9.9	8.0	8.9	18.5	16.5	17.1	22.2	19.6	20.6	26.7	25.9	26.2
19	11.2	8.6	9.5	19.6	16.6	17.5	23.0	20.3	21.3	27.7	25.5	26.4
20	11.7	9.5	10.4	---	---	---	23.4	20.7	21.7	28.5	26.0	26.9
21	13.1	10.6	11.7	19.6	17.6	18.3	24.1	21.4	22.2	29.1	26.4	27.3
22	13.4	11.5	12.3	18.1	16.3	17.1	---	---	---	29.6	26.7	27.7
23	13.4	11.9	12.5	16.9	15.1	16.1	---	---	---	29.3	27.2	28.0
24	13.1	12.5	12.8	17.6	15.1	16.1	26.2	23.0	24.2	29.8	27.3	28.0
25	13.1	11.5	12.4	18.3	15.3	16.9	25.8	24.0	24.6	30.1	27.4	28.2
26	11.8	9.3	10.5	19.0	16.7	17.7	25.3	24.2	24.6	29.5	27.6	28.4
27	9.9	8.1	9.0	20.3	17.5	18.7	24.8	23.3	24.1	29.6	27.4	28.4
28	10.2	7.2	8.4	20.8	18.8	19.3	24.4	21.9	23.1	29.3	27.5	28.4
29	11.4	8.7	9.6	20.1	18.1	19.2	23.7	21.9	23.0	29.9	27.5	28.5
30	---	---	---	19.8	18.3	19.1	23.5	22.7	23.1	30.2	27.9	28.6
31	---	---	---	18.8	18.3	18.5	---	---	---	29.2	28.0	28.5
MONTH	13.4	7.1	10.3	---	---	---	---	---	---	30.2	21.5	26.2

BROAD RIVER BASIN

02176585 BRICKYARD CREEK NEAR BEAUFORT, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	28.8	27.2	28.0	31.1	29.1	29.6	30.2	29.3	29.7	30.3	27.6	29.3
2	29.6	27.2	28.2	31.1	29.0	29.6	30.1	28.7	29.4	30.1	28.9	29.4
3	29.8	28.0	28.7	30.7	28.8	29.6	30.7	28.7	29.6	30.1	28.1	29.0
4	---	---	---	31.5	29.0	29.9	32.1	29.4	30.4	29.7	27.5	28.7
5	29.2	27.2	28.1	31.9	29.6	30.5	32.3	30.0	30.9	29.3	27.6	28.3
6	28.8	27.7	28.2	32.8	30.3	31.2	31.9	29.8	30.5	27.8	26.8	27.2
7	30.1	27.5	28.4	32.5	31.0	31.6	30.4	27.8	29.1	---	---	---
8	30.8	28.2	29.1	32.3	30.0	31.2	29.3	27.1	28.5	---	---	---
9	30.1	28.8	29.3	31.6	30.0	31.1	29.4	27.3	28.5	28.3	26.2	27.2
10	29.4	28.2	28.9	31.7	30.6	31.2	29.2	27.6	28.6	27.9	27.2	27.7
11	29.9	28.1	29.1	32.0	30.8	31.2	28.9	27.9	28.5	27.8	27.0	27.5
12	30.4	28.9	29.6	30.9	30.1	30.5	29.2	27.9	28.3	27.4	26.5	26.9
13	29.9	28.4	29.3	31.4	29.7	30.5	28.1	27.1	27.6	27.0	25.8	26.3
14	28.7	28.0	28.4	31.8	30.3	30.9	28.5	26.7	27.4	26.2	25.1	25.7
15	29.0	27.6	28.2	32.1	30.1	30.8	28.8	27.3	27.8	26.0	25.2	25.6
16	28.8	28.2	28.4	32.0	29.2	30.1	28.6	27.2	27.7	---	---	---
17	29.6	28.0	28.6	30.8	29.5	30.0	28.8	27.5	28.0	---	---	---
18	30.6	28.2	29.1	30.5	28.9	29.8	30.2	27.7	28.7	27.7	25.5	26.6
19	32.2	29.0	30.0	31.7	28.8	29.8	31.0	28.5	29.4	27.5	25.3	26.2
20	31.9	29.8	30.6	32.1	29.8	30.4	31.5	29.2	30.0	26.5	23.4	24.7
21	30.5	29.7	30.0	31.4	29.9	30.6	30.8	29.3	29.9	24.6	22.3	23.7
22	31.3	28.7	29.6	32.3	30.1	31.0	30.3	28.8	29.4	25.0	23.0	24.0
23	30.9	28.5	29.6	32.0	30.3	31.1	29.8	28.5	29.3	25.2	23.4	24.4
24	30.8	28.1	29.6	31.9	30.4	31.2	30.1	28.3	29.1	25.1	23.9	24.5
25	31.0	29.1	30.0	31.7	30.5	31.1	30.1	28.4	29.4	24.8	24.0	24.3
26	30.7	28.7	29.8	31.5	30.2	31.1	29.4	28.4	29.1	24.4	23.9	24.2
27	30.2	28.7	29.7	31.8	30.2	31.0	29.5	28.3	28.8	---	---	---
28	30.1	28.9	29.6	31.8	30.5	31.0	29.7	28.4	28.8	---	---	---
29	31.6	29.2	29.9	31.9	30.1	30.5	28.8	27.5	28.0	27.1	24.8	25.6
30	31.2	29.6	30.1	31.9	29.6	30.3	30.0	27.4	28.4	26.8	25.7	26.1
31	---	---	---	30.9	29.9	30.2	29.9	28.0	28.9	---	---	---
MONTH	---	---	---	32.8	28.8	30.6	32.3	26.7	29.0	---	---	---

02176585 BRICKYARD CREEK NEAR BEAUFORT, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	6.8	5.7	6.2	7.0	6.0	6.4	---	---	---	---	---	---
2	6.7	5.8	6.2	6.7	5.6	6.1	---	---	---	---	---	---
3	6.8	6.0	6.4	6.3	5.3	5.7	---	---	---	9.2	8.7	8.9
4	6.7	5.8	6.2	5.9	4.8	5.3	---	---	---	9.0	8.4	8.7
5	6.4	5.3	5.7	5.8	4.9	5.3	8.4	7.8	8.1	8.8	8.1	8.5
6	6.0	5.0	5.3	5.9	4.8	5.2	8.6	7.9	8.2	8.7	7.9	8.3
7	5.7	4.7	5.0	---	---	---	8.8	8.0	8.4	9.2	8.2	8.6
8	5.7	4.6	4.9	---	---	---	9.2	8.0	8.5	9.3	8.6	8.9
9	5.7	4.4	4.9	---	---	---	9.1	8.2	8.5	---	---	---
10	5.5	4.5	4.9	---	---	---	8.5	8.2	8.4	---	---	---
11	5.5	4.5	4.9	---	---	---	9.0	8.1	8.5	---	---	---
12	6.0	4.6	5.1	---	---	---	9.3	8.4	8.8	---	---	---
13	6.1	4.8	5.3	---	---	---	9.3	8.6	8.9	10.1	9.4	9.7
14	5.9	4.8	5.3	---	---	---	9.1	8.5	8.8	10.1	9.4	9.7
15	6.9	5.2	5.7	---	---	---	9.5	8.6	8.9	9.8	9.2	9.6
16	7.2	5.4	6.1	---	---	---	9.7	8.8	9.3	9.6	8.9	9.3
17	6.8	5.8	6.3	---	---	---	9.5	8.9	9.3	9.1	8.8	8.9
18	6.8	5.9	6.3	---	---	---	9.6	9.0	9.3	8.9	8.2	8.6
19	6.7	5.9	6.3	6.4	5.4	5.8	9.8	9.1	9.4	8.6	8.1	8.4
20	6.6	5.7	6.1	5.7	5.1	5.3	10.5	9.3	9.6	8.8	8.1	8.4
21	6.4	5.4	5.9	5.5	4.9	5.1	10.0	9.4	9.6	8.9	8.3	8.6
22	7.0	5.7	6.2	---	---	---	10.1	9.4	9.7	9.0	8.4	8.6
23	7.1	5.8	6.2	---	---	---	---	---	---	9.2	8.5	8.8
24	6.8	5.8	6.3	---	---	---	---	---	---	9.2	8.6	8.8
25	7.1	5.7	6.4	---	---	---	10.0	8.7	9.4	8.9	8.4	8.7
26	7.1	5.9	6.3	---	---	---	---	---	---	8.8	8.4	8.6
27	6.8	5.7	6.1	---	---	---	---	---	---	9.1	8.5	8.7
28	6.2	5.4	5.7	---	---	---	9.8	9.3	9.5	9.4	8.6	9.0
29	7.2	5.6	6.1	---	---	---	9.6	9.1	9.4	9.7	8.9	9.2
30	7.1	5.8	6.3	---	---	---	9.5	8.9	9.1	9.5	9.0	9.3
31	7.2	6.2	6.6	---	---	---	9.3	8.8	9.1	9.6	9.0	9.3
MONTH	7.2	4.4	5.8	---	---	---	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	9.5	9.0	9.3	9.7	8.2	9.0	7.4	6.6	7.0	6.1	4.8	5.5
2	9.6	8.9	9.3	9.9	8.1	9.1	7.7	6.8	7.1	5.9	4.9	5.4
3	9.5	8.8	9.1	9.7	8.0	8.7	7.7	6.5	7.1	6.1	4.7	5.3
4	9.5	8.7	9.0	8.3	7.6	8.1	7.6	6.6	7.1	6.6	4.8	5.7
5	9.2	8.7	8.9	8.1	7.5	7.8	7.6	6.6	7.0	7.1	4.7	5.6
6	8.9	8.3	8.7	7.9	7.1	7.5	7.6	6.5	7.0	6.3	4.5	5.2
7	8.7	8.1	8.4	7.7	7.1	7.4	7.4	6.5	6.9	6.1	4.2	5.0
8	9.4	8.3	8.8	8.1	7.1	7.6	7.2	6.3	6.7	6.3	4.4	5.4
9	9.3	8.6	8.9	8.0	7.2	7.5	7.5	6.1	6.7	6.5	4.8	5.6
10	9.1	8.5	8.8	8.3	7.2	7.6	7.3	6.2	6.7	6.1	4.8	5.5
11	9.0	7.6	8.4	8.3	7.3	7.7	7.0	6.2	6.7	5.9	4.3	5.2
12	8.7	7.5	8.1	8.2	7.4	7.8	6.9	6.1	6.5	5.7	4.4	5.2
13	8.6	7.1	8.1	8.1	7.4	7.7	6.9	6.0	6.4	5.8	4.6	5.3
14	8.6	7.5	8.0	8.0	7.3	7.8	7.2	6.2	6.8	5.9	4.6	5.3
15	8.2	7.4	7.8	7.9	7.4	7.6	7.4	6.3	6.9	5.5	4.5	5.0
16	8.7	7.2	8.1	7.7	7.1	7.4	7.7	6.4	6.9	5.4	4.3	4.8
17	8.8	7.3	8.2	8.0	6.9	7.3	7.5	6.1	6.8	5.7	4.1	4.9
18	9.3	7.9	8.6	7.9	7.0	7.3	7.4	6.2	6.7	5.7	4.2	4.8
19	10.1	8.5	9.2	7.8	6.9	7.3	7.3	5.9	6.6	5.9	4.4	5.0
20	9.9	8.1	9.3	---	---	---	7.3	6.0	6.6	6.3	4.5	5.2
21	9.2	7.8	8.7	7.8	6.9	7.3	7.1	5.9	6.4	6.6	4.6	5.4
22	9.2	7.6	8.6	8.3	6.8	7.6	---	---	---	6.3	4.6	5.4
23	9.3	7.2	8.5	8.6	7.3	7.9	---	---	---	5.8	4.4	5.2
24	9.2	7.2	8.4	8.7	7.4	8.1	6.9	5.6	6.3	5.7	4.4	5.0
25	9.1	7.4	8.3	---	---	---	7.0	5.6	6.3	5.6	3.9	4.8
26	9.9	7.9	9.0	---	---	---	6.9	5.8	6.2	5.7	4.3	5.0
27	9.8	7.9	8.9	---	---	---	6.7	5.5	6.1	5.7	4.4	5.2
28	9.7	8.1	8.8	---	---	---	7.0	5.9	6.4	5.7	4.5	5.2
29	9.7	8.2	9.0	---	---	---	6.9	6.0	6.6	5.6	4.5	5.0
30	---	---	---	---	---	---	6.7	5.6	6.2	5.6	4.5	5.0
31	---	---	---	---	---	---	---	---	---	5.9	4.4	5.0
MONTH	10.1	7.1	8.7	---	---	---	---	---	---	7.1	3.9	5.2

BROAD RIVER BASIN

02176585 BRICKYARD CREEK NEAR BEAUFORT, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	5.5	4.1	4.7	5.2	3.1	3.9	4.5	2.5	3.3	5.7	3.9	4.5
2	5.8	3.9	4.6	5.4	3.0	3.9	4.5	2.7	3.7	5.3	3.2	4.0
3	5.9	3.4	4.6	5.7	3.3	4.2	5.0	2.7	3.7	5.7	3.1	4.2
4	5.8	4.1	4.8	6.2	3.5	4.6	6.1	2.8	4.1	6.4	3.3	4.4
5	5.8	3.9	4.8	6.3	3.9	4.9	6.7	3.7	4.5	---	---	---
6	5.2	4.0	4.5	6.5	4.1	5.0	6.5	4.0	4.8	---	---	---
7	5.8	3.6	4.5	5.8	4.2	5.1	6.6	4.5	5.2	---	---	---
8	5.9	3.7	4.6	5.5	3.8	4.9	6.0	4.6	5.3	---	---	---
9	5.3	3.7	4.6	5.2	3.8	4.7	5.8	4.6	5.3	---	---	---
10	4.9	3.6	4.4	5.3	3.6	4.4	5.9	4.3	5.2	---	---	---
11	5.4	3.8	4.7	---	---	---	5.4	4.1	4.8	---	---	---
12	5.9	3.9	4.7	---	---	---	5.5	3.9	4.5	---	---	---
13	5.0	3.8	4.5	---	---	---	5.1	3.6	4.2	---	---	---
14	5.5	3.4	4.4	---	---	---	5.2	3.6	4.2	---	---	---
15	5.8	3.6	4.6	---	---	---	4.8	3.5	4.1	5.1	4.2	4.6
16	6.0	3.7	4.6	6.3	3.5	4.7	4.7	3.4	3.9	---	---	---
17	6.3	3.9	4.8	5.7	3.7	4.7	4.7	3.2	3.8	---	---	---
18	7.2	4.2	5.3	5.6	3.5	4.5	5.0	3.1	4.0	7.0	5.1	5.7
19	7.3	4.7	5.8	6.2	3.7	4.6	5.8	3.5	4.2	7.6	5.2	5.9
20	6.5	4.4	5.6	6.5	3.6	4.6	6.0	3.8	4.5	6.9	5.8	6.4
21	6.2	4.1	5.1	5.7	3.8	4.6	6.2	3.5	4.6	7.1	5.9	6.4
22	6.1	4.1	5.0	5.2	3.6	4.3	6.2	3.8	4.7	7.2	5.9	6.5
23	5.8	3.9	4.9	5.0	3.7	4.3	5.3	4.1	4.6	7.2	5.0	6.3
24	6.1	3.8	4.9	4.5	3.4	4.1	5.1	3.5	4.3	6.7	4.9	6.0
25	5.7	3.9	5.1	4.4	3.2	3.8	5.4	4.1	4.8	6.5	5.3	5.8
26	6.1	4.0	5.1	4.3	3.0	3.8	4.9	3.7	4.4	6.0	5.2	5.5
27	5.5	3.9	4.8	4.6	3.2	3.8	4.5	3.7	4.1	---	---	---
28	5.2	3.5	4.6	5.4	3.1	4.0	4.7	3.0	3.8	---	---	---
29	5.8	3.6	4.4	4.3	2.5	3.5	5.4	3.4	4.4	6.4	4.7	5.4
30	5.4	3.6	4.3	4.5	2.6	3.4	5.6	3.4	4.5	6.3	4.1	5.0
31	---	---	---	4.5	2.6	3.4	6.0	3.8	4.7	---	---	---
MONTH	7.3	3.4	4.8	---	---	---	6.7	2.5	4.4	---	---	---

02176589 BEAUFORT RIVER ABOVE BEAUFORT, SC

LOCATION.--Lat 32°27'14'', long 80°40'55'', Beaufort County, Hydrologic Unit 03050208, on channel marker #229 piling in main channel of Beaufort River (Intracoastal Waterway), approximately 0.7 mi west of Pigeon Point public boat landing and 0.5 mi downstream from the confluence of Brickyard Creek and Albergotti Creek.

DRAINAGE AREA.--Indeterminate.

GAGE HEIGHT RECORDS

PERIOD OF RECORD.--October 1998 to September 2004 (discontinued).

GAGE.--Data Collection Platform. Elevation of gage is 5.0 ft below NGVD of 1929 (from topographic map).

REMARKS.--Gage height tidally affected. Prior to January 14, 2003, at same site at different datum.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 19.71 ft, May 16, 1999; minimum gage height, 5.59 ft, Jul. 12, 2003.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 17.90 ft, Sep. 27; minimum gage height, 5.70 ft, Mar. 8.

Gage height, feet
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	17.32	8.76	13.34	16.74	9.15	13.17	14.80	7.47	11.44	14.91	8.08	11.71
2	17.07	9.00	13.34	16.67	9.31	13.31	14.94	8.02	11.90	15.17	8.08	11.82
3	17.10	9.54	13.56	16.79	9.06	13.67	15.40	8.56	12.41	15.26	7.69	11.83
4	16.61	8.62	13.22	16.50	8.82	13.28	16.18	8.48	12.94	15.28	7.69	11.88
5	16.22	8.21	12.71	16.31	8.49	13.01	16.01	8.13	12.49	15.46	7.40	11.76
6	16.29	8.16	12.75	16.38	8.20	12.78	15.28	7.75	12.11	15.05	7.14	11.52
7	16.38	8.29	12.75	16.17	7.96	12.67	16.16	7.90	12.59	15.57	7.25	11.98
8	16.44	8.09	12.66	16.65	8.39	13.14	16.30	8.11	12.64	15.94	7.67	12.12
9	16.40	7.88	12.76	16.65	9.59	13.35	16.22	8.37	12.72	16.22	7.77	12.25
10	16.46	8.32	12.84	16.75	9.27	13.18	16.67	8.71	12.77	16.32	8.09	12.36
11	16.46	8.30	12.88	16.52	8.74	12.80	15.04	7.33	11.42	16.30	8.06	12.35
12	16.57	8.87	13.03	15.81	8.35	12.28	15.91	8.14	12.16	15.36	7.33	11.73
13	16.41	8.83	12.95	14.66	7.69	11.41	16.34	8.99	12.82	15.14	7.49	11.43
14	16.49	9.14	13.05	15.50	8.72	12.07	16.60	8.73	12.76	15.58	7.92	11.95
15	15.62	8.12	12.35	15.39	8.89	12.12	15.68	8.22	12.09	14.93	7.70	11.56
16	15.89	9.46	12.73	15.25	8.82	12.05	15.67	8.64	12.21	15.63	8.02	12.27
17	15.64	9.43	12.68	15.08	8.66	11.92	15.37	7.68	11.56	15.96	7.86	12.45
18	15.75	9.64	12.69	15.52	8.62	12.30	15.09	7.22	11.63	16.74	6.72	12.31
19	15.84	9.56	12.80	15.63	6.81	12.29	15.04	6.67	11.24	16.19	6.68	12.05
20	15.78	8.85	12.53	16.12	7.11	12.29	15.46	6.72	11.63	17.08	7.00	12.57
21	15.86	7.98	12.51	16.74	7.80	12.89	16.60	6.46	12.27	17.10	6.78	12.45
22	16.26	7.56	12.32	17.07	7.32	12.80	16.90	6.43	12.22	16.79	6.79	12.08
23	17.03	7.75	13.11	17.38	7.10	12.70	17.23	6.28	12.28	15.82	6.11	11.48
24	16.96	7.68	13.01	17.64	7.03	12.64	17.11	6.60	12.17	15.78	6.57	11.61
25	17.32	7.28	12.86	17.42	6.43	12.49	16.48	6.39	11.73	16.48	7.21	12.37
26	17.28	7.05	12.59	17.70	7.61	12.85	16.34	6.82	11.82	16.34	8.10	12.61
27	17.42	7.15	12.63	17.35	7.82	12.79	16.19	7.36	11.95	15.75	7.93	12.32
28	17.46	7.42	12.83	16.81	6.94	12.12	15.94	7.95	12.08	14.87	7.70	11.21
29	16.74	7.29	12.75	15.14	6.50	10.89	15.51	8.07	12.01	14.57	8.14	11.52
30	16.98	8.15	12.76	15.42	7.97	11.84	15.00	7.56	11.53	14.45	8.41	11.37
31	16.87	9.10	13.08	---	---	---	14.85	8.42	11.79	14.31	8.77	11.86
MONTH	17.46	7.05	12.84	17.70	6.43	12.57	17.23	6.28	12.11	17.10	6.11	11.96

BROAD RIVER BASIN

02176589 BEAUFORT RIVER ABOVE BEAUFORT, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	24.6	22.5	23.9	21.8	20.7	21.5	15.3	13.4	14.5	11.3	10.5	11.0
2	24.3	22.9	23.8	21.8	20.7	21.4	---	---	---	11.1	10.6	10.9
3	23.6	21.3	22.7	21.8	21.2	21.5	14.2	12.0	13.1	11.8	10.9	11.3
4	23.3	21.9	22.7	22.7	21.6	22.0	13.4	11.7	12.3	12.9	11.6	12.1
5	23.7	22.7	23.2	23.4	22.2	22.8	12.8	11.8	12.2	14.2	12.2	13.1
6	23.8	23.2	23.5	24.2	22.8	23.4	12.2	11.3	11.8	14.5	12.8	13.4
7	23.7	23.3	23.5	24.7	23.3	23.9	12.1	10.9	11.5	12.8	11.1	11.8
8	24.0	23.2	23.4	24.3	22.9	23.7	11.9	10.7	11.4	11.3	10.3	11.0
9	23.9	23.2	23.5	22.9	20.2	21.4	12.0	10.9	11.6	11.1	10.5	10.8
10	23.6	23.2	23.4	20.5	18.2	19.2	12.9	11.7	12.3	10.7	9.7	10.0
11	23.6	23.0	23.2	19.5	18.0	19.0	---	---	---	9.9	8.5	9.2
12	23.6	22.9	23.2	20.4	18.8	19.6	12.3	11.0	11.9	---	---	---
13	24.2	22.7	23.4	20.2	19.4	19.9	12.2	11.4	11.9	9.9	8.6	9.4
14	24.9	23.7	24.1	19.4	17.9	18.7	12.1	10.9	11.6	10.5	9.0	9.8
15	24.3	22.9	23.6	18.7	17.3	18.2	---	---	---	---	---	---
16	23.4	22.2	23.0	19.0	17.6	18.5	11.6	10.5	11.2	---	---	---
17	23.4	21.9	22.9	19.6	18.4	19.0	---	---	---	10.6	9.9	10.3
18	23.2	22.2	22.7	20.3	19.1	19.6	---	---	---	12.3	10.5	11.1
19	22.7	21.2	22.2	20.2	19.3	20.0	10.6	9.0	10.0	12.3	11.1	11.5
20	22.6	21.4	22.1	19.5	18.5	19.1	10.1	8.0	9.3	11.2	10.1	10.7
21	22.8	21.7	22.2	19.1	18.3	18.7	9.5	7.9	8.7	10.8	9.6	10.2
22	22.4	21.4	22.0	19.3	18.1	18.6	9.3	7.9	8.7	10.9	9.6	10.2
23	21.6	20.6	21.2	19.4	18.1	18.6	10.5	8.6	9.4	10.5	9.4	10.0
24	21.7	20.5	21.1	19.5	18.5	19.0	11.6	9.8	10.5	10.9	8.8	10.0
25	21.7	20.5	21.0	19.0	17.3	18.2	---	---	---	10.5	10.2	10.4
26	22.4	21.2	21.6	18.2	16.9	17.7	10.6	9.4	10.2	10.2	9.3	9.8
27	22.5	21.7	22.0	18.5	17.2	18.0	10.7	9.6	10.2	9.7	8.5	9.1
28	22.2	21.6	21.9	18.7	17.6	18.3	---	---	---	9.1	7.3	8.4
29	22.1	20.8	21.6	---	---	---	10.7	9.9	10.5	8.8	7.5	8.3
30	21.9	20.7	21.5	16.0	13.7	15.1	11.7	10.6	11.0	8.8	7.8	8.4
31	21.8	20.5	21.4	---	---	---	---	---	---	8.8	8.1	8.6
MONTH	24.9	20.5	22.6	---	---	---	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	8.7	7.5	8.1	11.8	9.9	10.6	18.2	16.8	17.6	23.4	22.9	23.0
2	8.0	7.2	7.7	13.2	10.8	11.8	17.3	16.4	16.9	23.7	22.9	23.2
3	9.0	8.0	8.5	14.5	11.9	13.1	17.7	16.2	16.8	24.1	22.7	23.3
4	9.4	8.4	8.8	15.8	12.8	14.1	18.1	16.7	17.1	23.4	21.7	22.5
5	9.9	8.7	9.2	17.2	13.7	15.3	18.2	16.0	17.0	24.1	21.7	22.6
6	12.2	9.7	10.7	17.9	14.7	16.2	19.0	16.7	17.4	25.7	22.4	23.4
7	13.0	11.0	12.0	18.3	15.2	16.5	19.4	17.2	18.0	26.9	23.2	24.5
8	11.5	10.0	10.8	16.6	15.1	15.9	19.7	17.6	18.5	27.6	24.0	25.4
9	10.8	10.0	10.4	15.4	14.4	14.8	20.6	18.1	19.1	27.3	24.7	25.8
10	11.2	10.3	10.6	15.0	13.6	14.2	21.9	18.7	20.0	26.8	25.0	25.7
11	11.5	10.5	10.9	15.4	13.3	14.3	22.6	19.6	21.0	26.1	25.3	25.7
12	10.9	10.5	10.7	15.8	13.6	14.5	23.0	20.5	21.5	26.3	25.1	25.6
13	11.5	10.0	10.7	15.8	14.1	14.8	22.4	20.7	21.6	26.8	25.3	25.9
14	11.2	10.6	10.8	16.8	14.5	15.3	21.0	18.0	19.5	26.7	25.5	26.1
15	11.0	10.4	10.7	17.8	15.4	16.4	19.2	17.8	18.6	26.7	25.8	26.1
16	10.9	10.0	10.4	17.8	16.3	17.1	20.1	18.3	18.9	26.3	25.3	25.7
17	10.3	8.8	9.6	17.9	16.4	17.1	21.1	18.9	19.5	26.9	25.4	25.9
18	9.7	8.3	9.0	17.8	16.3	16.9	22.3	19.5	20.3	26.4	25.7	26.0
19	10.7	8.9	9.5	18.9	16.5	17.3	22.8	20.1	21.0	27.9	25.4	26.2
20	11.8	9.6	10.3	18.7	17.0	17.8	23.1	20.6	21.3	---	---	---
21	13.8	10.5	11.6	19.7	17.4	18.2	23.5	21.1	21.9	---	---	---
22	13.5	11.2	12.2	18.0	16.6	17.1	24.8	21.5	22.5	29.5	26.6	27.6
23	13.5	11.8	12.5	16.9	15.3	16.1	25.8	22.2	23.4	29.0	27.0	27.8
24	13.2	12.1	12.8	17.4	15.1	16.2	25.8	23.0	23.9	29.4	27.2	28.0
25	12.8	11.8	12.4	18.5	16.0	16.9	25.6	23.7	24.4	29.7	27.3	28.0
26	11.8	9.7	10.5	19.1	16.9	17.7	25.0	24.0	24.4	29.1	27.6	28.2
27	10.2	8.3	9.1	20.5	17.6	18.5	24.6	23.6	24.1	29.0	27.6	28.2
28	9.5	7.5	8.5	20.7	18.4	19.1	24.1	22.5	23.3	29.0	27.8	28.3
29	11.0	8.8	9.5	20.1	18.5	19.1	23.6	22.3	23.0	28.8	27.9	28.4
30	---	---	---	19.7	18.5	19.0	23.4	22.8	23.1	28.9	28.0	28.5
31	---	---	---	18.7	18.1	18.5	---	---	---	28.9	28.1	28.5
MONTH	13.8	7.2	10.3	20.7	9.9	16.1	25.8	16.0	20.5	---	---	---

BROAD RIVER BASIN

02176589 BEAUFORT RIVER ABOVE BEAUFORT, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	28.5	27.6	28.1	30.7	29.2	29.5	30.1	29.4	29.7	---	---	---
2	29.9	27.4	28.1	30.8	29.0	29.5	30.1	28.8	29.5	---	---	---
3	---	---	---	30.7	28.9	29.5	30.6	28.9	29.6	---	---	---
4	---	---	---	31.3	28.9	29.8	31.9	29.5	30.4	---	---	---
5	---	---	---	31.9	29.5	30.4	32.1	30.2	30.9	29.1	27.9	28.4
6	---	---	---	32.7	30.2	31.1	31.1	30.0	30.6	28.1	26.7	27.3
7	---	---	---	---	---	---	30.3	27.8	29.2	27.2	26.5	26.9
8	---	---	---	---	---	---	29.3	27.5	28.7	27.2	26.6	27.0
9	---	---	---	---	---	---	29.1	27.9	28.7	27.9	26.7	27.2
10	29.2	28.4	28.8	---	---	---	29.0	28.2	28.7	27.9	27.5	27.6
11	29.5	28.5	29.1	31.7	30.8	31.2	29.0	28.3	28.6	27.7	27.1	27.5
12	30.0	28.9	29.5	30.9	30.1	30.6	28.7	28.0	28.4	27.4	26.6	26.9
13	29.9	28.4	29.2	31.1	30.1	30.6	28.1	27.4	27.8	26.7	25.7	26.4
14	---	---	---	31.5	30.6	31.0	28.1	27.0	27.5	---	---	---
15	---	---	---	---	---	---	29.0	27.2	27.8	---	---	---
16	---	---	---	30.8	29.5	30.1	28.3	27.4	27.7	---	---	---
17	29.3	28.0	28.4	31.0	29.7	30.1	28.8	27.4	28.0	---	---	---
18	30.3	28.2	28.9	30.2	29.2	29.7	30.2	27.7	28.6	---	---	---
19	30.7	28.9	29.6	31.3	28.7	29.7	30.8	28.6	29.3	---	---	---
20	31.7	29.6	30.3	31.5	29.7	30.3	31.2	29.2	29.9	26.2	23.7	24.8
21	30.2	29.4	29.9	---	---	---	30.9	29.3	29.9	24.5	22.3	23.9
22	30.8	28.8	29.6	32.5	30.1	31.1	30.3	28.8	29.5	24.8	23.3	24.1
23	---	---	---	32.0	30.4	31.1	29.9	28.7	29.3	24.9	23.9	24.4
24	---	---	---	32.1	30.6	31.1	29.9	28.5	29.1	24.8	24.2	24.5
25	---	---	---	31.7	30.5	31.1	29.9	28.7	29.3	---	---	---
26	30.3	29.1	29.8	31.6	30.6	31.1	29.7	28.6	29.1	---	---	---
27	30.2	28.9	29.6	31.3	30.5	31.0	29.1	28.4	28.8	---	---	---
28	30.0	29.1	29.6	31.3	30.5	30.9	29.2	28.4	28.7	---	---	---
29	30.4	29.4	29.8	30.9	30.1	30.5	28.4	27.8	28.1	---	---	---
30	30.8	29.4	29.9	31.3	29.7	30.3	30.3	27.6	28.5	---	---	---
31	---	---	---	30.6	30.0	30.2	29.8	28.4	29.0	---	---	---
MONTH	---	---	---	---	---	---	32.1	27.0	29.0	---	---	---

02176589 BEAUFORT RIVER ABOVE BEAUFORT, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.1	5.6	6.3	7.1	5.6	6.3	8.2	7.6	7.9	8.8	8.3	8.5
2	7.0	5.9	6.4	6.8	5.4	6.1	---	---	---	8.7	8.4	8.6
3	7.0	6.1	6.5	6.5	5.4	5.9	8.6	8.1	8.3	8.7	8.2	8.5
4	6.7	5.9	6.4	6.1	5.1	5.5	8.7	7.7	8.3	8.6	8.1	8.4
5	6.4	5.7	6.1	5.5	5.1	5.2	8.8	7.7	8.2	8.5	7.9	8.2
6	6.2	5.4	5.7	5.6	4.8	5.2	8.6	7.8	8.2	8.5	7.5	8.1
7	6.0	4.9	5.1	5.5	4.7	5.1	8.7	7.8	8.3	8.7	7.7	8.3
8	5.0	3.9	4.6	5.2	4.6	4.9	8.9	7.4	8.3	8.9	7.5	8.4
9	5.3	3.7	4.5	6.5	4.9	5.6	9.0	7.3	8.4	8.9	7.5	8.3
10	5.3	3.7	4.7	7.3	5.9	6.5	8.9	7.7	8.4	9.1	7.3	8.4
11	5.5	3.8	4.7	7.4	6.2	6.8	---	---	---	9.4	7.9	8.7
12	6.0	4.0	4.9	7.6	6.2	6.8	9.6	7.9	8.8	---	---	---
13	6.2	3.7	5.1	7.6	6.5	7.0	9.7	8.1	8.9	9.8	8.0	8.9
14	6.0	4.7	5.2	7.8	6.7	7.1	9.8	7.7	8.8	9.8	8.1	9.0
15	6.9	4.8	5.6	7.7	6.8	7.2	10.0	---	---	---	---	---
16	6.8	4.6	5.3	7.8	6.9	7.3	9.7	7.7	8.8	---	---	---
17	---	---	---	7.9	7.0	7.3	---	---	---	8.7	8.2	8.5
18	6.6	5.5	6.0	7.3	6.6	7.0	---	---	---	8.7	7.8	8.4
19	6.5	5.3	5.8	7.1	6.6	6.8	9.3	8.0	8.8	8.5	7.7	8.2
20	6.2	5.1	5.7	6.8	6.4	6.6	9.4	7.7	8.8	8.6	7.6	8.3
21	5.9	5.1	5.6	6.7	6.3	6.4	9.6	8.1	8.9	8.8	7.8	8.5
22	6.0	5.3	5.6	7.0	6.1	6.3	9.5	8.3	9.0	9.0	8.0	8.6
23	6.1	5.3	5.6	6.9	6.0	6.3	9.4	8.4	8.9	9.1	8.1	8.6
24	6.0	5.2	5.5	6.9	6.1	6.4	8.9	8.2	8.5	9.2	8.3	8.8
25	6.3	5.3	5.7	7.4	6.3	6.7	---	---	---	9.1	8.2	8.7
26	6.4	5.1	5.6	7.4	6.5	6.9	9.6	8.1	8.6	9.1	8.3	8.6
27	6.0	4.9	5.4	7.6	6.6	7.0	9.2	8.4	8.7	9.1	8.3	8.7
28	5.9	4.9	5.3	7.5	6.8	7.1	---	---	---	9.5	8.6	9.0
29	6.5	4.9	5.5	---	---	---	9.1	8.3	8.6	9.6	8.7	9.1
30	7.0	4.9	5.7	8.1	7.4	7.7	9.2	8.1	8.5	9.6	9.0	9.2
31	7.0	5.4	6.1	---	---	---	---	---	---	9.7	9.0	9.3
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	9.8	9.1	9.4	9.3	8.9	9.2	7.5	6.9	7.1	5.7	4.7	5.4
2	9.9	9.0	9.5	9.1	8.7	8.9	7.6	7.0	7.2	5.8	4.9	5.4
3	9.8	9.1	9.4	9.1	8.4	8.9	7.6	6.8	7.3	5.7	4.8	5.3
4	9.6	9.0	9.3	8.9	8.3	8.7	7.6	6.8	7.1	6.3	4.9	5.6
5	9.7	8.9	9.3	8.7	8.0	8.4	7.7	6.6	7.1	6.7	5.2	5.8
6	9.5	8.7	9.2	8.4	7.5	8.0	7.7	6.5	7.0	7.2	5.1	6.0
7	9.4	8.3	8.9	8.2	7.3	7.9	7.6	6.4	6.9	7.1	4.9	5.9
8	9.6	8.5	9.1	8.3	7.3	7.9	7.2	6.3	6.8	6.8	4.8	5.8
9	9.7	8.7	9.2	8.1	7.4	7.8	7.5	6.1	6.7	6.7	4.9	5.9
10	9.7	8.6	9.2	8.5	7.5	7.9	7.3	6.0	6.7	6.7	4.5	5.9
11	9.5	8.7	9.0	8.7	7.6	8.0	7.0	5.9	6.4	6.2	5.0	5.7
12	8.8	8.3	8.6	8.5	7.6	7.9	6.8	5.5	6.2	6.2	4.9	5.5
13	9.1	8.2	8.6	8.4	7.5	7.9	6.8	5.7	6.3	6.3	5.2	5.6
14	8.9	8.3	8.6	8.2	7.5	7.8	7.0	6.1	6.5	6.0	4.9	5.5
15	8.6	8.2	8.4	8.0	7.4	7.7	6.9	6.2	6.6	5.7	4.5	5.1
16	8.7	8.2	8.5	7.9	7.1	7.5	7.0	6.2	6.6	5.5	4.3	4.9
17	8.8	8.3	8.6	7.8	7.0	7.4	7.0	5.8	6.5	5.4	4.3	4.8
18	9.1	8.4	8.8	7.9	7.2	7.6	6.9	5.8	6.4	5.4	4.1	4.8
19	9.3	8.4	8.9	7.8	7.1	7.4	6.9	5.7	6.4	5.9	3.9	5.0
20	9.2	8.4	8.8	7.7	6.9	7.3	7.0	5.7	6.3	---	---	---
21	8.9	8.2	8.6	7.7	6.9	7.3	7.0	5.6	6.3	---	---	---
22	8.8	8.1	8.4	8.0	7.0	7.5	7.3	5.4	6.4	5.6	4.2	4.9
23	8.8	8.1	8.4	8.4	7.2	7.7	7.1	5.6	6.5	5.1	3.9	4.7
24	8.4	8.0	8.2	8.4	7.3	7.9	7.1	5.6	6.4	5.2	3.7	4.5
25	8.2	7.7	8.0	8.4	7.4	7.9	6.8	5.5	6.2	5.0	3.7	4.5
26	8.6	7.8	8.2	8.2	7.4	7.8	6.5	5.5	6.0	5.2	3.7	4.7
27	9.1	8.0	8.5	8.0	7.4	7.7	6.4	5.1	5.9	5.4	3.5	4.8
28	9.4	8.5	8.9	7.8	6.9	7.4	6.6	5.5	6.1	5.5	4.3	4.9
29	9.4	8.8	9.2	7.6	6.6	7.3	6.5	5.6	6.2	5.2	3.9	4.7
30	---	---	---	7.4	6.7	7.1	6.2	5.4	5.9	5.2	4.0	4.7
31	---	---	---	7.2	6.9	7.0	---	---	---	5.1	4.0	4.6
MONTH	9.9	7.7	8.8	9.3	6.6	7.8	7.7	5.1	6.5	---	---	---

02176603 BEAUFORT RIVER AT BEAUFORT, SC

LOCATION.--Lat 32°25'38'', long 80°40'10'', Beaufort County, Hydrologic Unit 03050208, attached to concrete pier of US Highway 21 bridge, near main channel of Beaufort River (Intracoastal Waterway), approximately 1000 ft from north end of bridge, at Beaufort.

DRAINAGE AREA.--Indeterminate.

GAGE HEIGHT RECORDS

PERIOD OF RECORD.--October 1998 to current year.

GAGE.--Data Collection Platform. Datum of gage is 8.67 ft below NGVD of 1929 (from South Carolina Department of Transportation benchmark, elevation by National Geodetic Survey 1984).

REMARKS.--Gage height affected by tide.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 15.62 ft, Sep. 16, 2001; minimum gage height, 3.31 ft, Feb. 8, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 14.61 ft, Sep. 26; minimum gage height, 3.31 ft, Feb. 8.

Gage height, feet
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	14.29	6.10	10.38	13.78	6.55	10.27	11.84	4.83	8.61	11.76	5.31	8.73
2	14.09	6.33	10.41	13.70	6.69	10.41	11.94	5.40	9.04	12.01	5.32	8.83
3	14.08	6.92	10.64	13.89	6.43	10.77	12.38	5.80	9.51	12.09	4.98	8.86
4	13.66	6.11	10.32	13.47	5.96	10.36	13.17	5.63	10.01	12.18	4.98	8.93
5	13.27	5.61	9.86	13.29	5.85	10.09	13.05	5.48	9.61	12.33	4.64	8.79
6	13.30	5.61	9.87	13.34	5.56	9.87	12.33	5.13	9.25	12.01	4.43	8.58
7	13.40	5.66	9.85	13.16	5.33	9.77	13.10	5.27	9.68	12.48	4.49	9.01
8	13.41	5.48	9.75	13.65	5.68	10.24	13.23	5.48	9.72	12.78	4.95	9.11
9	13.10	5.23	9.76	13.72	6.93	10.45	13.15	5.72	9.79	13.07	5.06	9.24
10	13.43	5.71	9.94	13.77	6.57	10.27	13.57	6.07	9.84	13.22	5.34	9.37
11	13.42	5.73	10.00	13.44	6.07	9.86	12.14	4.60	8.61	13.14	5.32	9.34
12	13.55	6.26	10.14	12.80	5.86	9.40	12.82	5.46	9.23	12.21	4.60	8.73
13	13.41	6.23	10.08	11.77	5.03	8.62	13.29	6.29	9.90	12.00	4.72	8.46
14	13.52	6.52	10.20	12.46	6.08	9.20	13.53	6.11	9.82	12.44	5.18	8.94
15	12.74	5.51	9.53	12.32	6.21	9.23	12.59	5.55	9.17	11.83	5.05	8.60
16	12.94	6.80	9.88	12.21	6.17	9.15	12.59	5.96	9.29	12.54	5.29	9.26
17	12.66	6.81	9.83	12.01	6.00	9.03	12.29	4.98	8.69	12.78	5.12	9.41
18	12.84	7.00	9.86	12.56	5.92	9.40	12.11	4.58	8.78	13.58	3.92	9.29
19	12.95	6.96	9.99	12.67	4.16	9.39	12.08	4.13	8.41	12.99	3.92	9.01
20	12.90	6.31	9.76	13.13	4.69	9.40	12.48	4.07	8.77	13.84	4.25	9.50
21	12.99	5.49	9.71	13.66	5.15	9.94	13.61	3.96	9.36	13.87	4.05	9.38
22	13.36	4.93	9.51	13.96	4.65	9.86	13.78	3.81	9.28	13.60	4.06	9.05
23	14.12	5.27	10.28	14.40	4.60	9.80	14.12	3.65	9.35	12.62	3.37	8.54
24	14.00	5.04	10.11	14.49	4.36	9.69	14.09	3.95	9.25	12.68	3.83	8.60
25	14.29	4.68	9.98	14.41	3.80	9.57	13.47	3.80	8.87	13.32	4.44	9.34
26	14.34	4.44	9.75	14.58	4.96	9.89	13.34	4.33	8.95	13.20	5.32	9.56
27	14.48	4.68	9.81	14.24	5.17	9.82	13.09	4.74	9.01	12.72	5.17	9.32
28	14.38	4.82	9.93	13.84	4.30	9.21	12.87	5.30	9.14	11.75	4.92	8.25
29	---	---	---	12.15	3.89	8.09	12.34	5.33	8.99	11.43	5.37	8.54
30	13.99	5.54	9.87	12.40	5.32	8.94	11.86	4.90	8.59	11.32	5.59	8.40
31	13.82	6.45	10.15	---	---	---	11.79	5.65	8.81	11.23	5.93	8.88
MONTH	---	---	---	14.58	3.80	9.67	14.12	3.65	9.20	13.87	3.37	8.96

BROAD RIVER BASIN

02176603 BEAUFORT RIVER AT BEAUFORT, SC--Continued

Gage height, feet
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	12.38	6.81	9.55	11.70	5.83	8.79	12.12	5.15	9.11	12.55	5.01	9.34
2	12.78	6.48	9.94	11.57	4.91	8.41	12.26	4.94	9.07	13.26	4.68	9.40
3	12.51	5.13	9.08	11.64	4.87	8.40	12.98	4.83	9.44	13.31	3.63	9.03
4	12.24	4.51	8.74	12.13	4.72	8.73	13.29	4.52	9.23	14.17	3.94	9.45
5	12.94	4.87	9.32	12.55	4.51	8.86	13.56	4.33	9.48	14.28	4.19	9.42
6	13.26	5.07	9.38	12.67	4.02	8.59	14.00	4.21	9.34	14.21	3.90	9.19
7	12.06	4.01	8.19	12.58	3.48	8.54	13.63	4.08	9.15	14.00	4.39	9.21
8	12.25	3.31	8.19	12.70	3.36	8.33	13.57	4.23	9.11	13.92	4.57	9.33
9	12.74	4.37	8.81	13.52	4.01	9.16	13.52	4.69	9.22	13.83	5.29	9.52
10	12.26	4.17	8.60	13.31	4.84	9.33	13.56	5.27	9.44	13.50	5.37	9.55
11	12.03	4.34	8.44	13.31	4.70	9.27	13.24	5.17	9.31	13.27	5.52	9.53
12	12.35	5.22	9.08	13.11	4.75	8.98	13.20	5.65	9.39	12.94	5.36	9.51
13	12.56	5.28	9.07	12.78	5.08	9.20	12.88	4.31	8.91	12.77	5.14	9.42
14	12.56	5.16	9.19	13.06	5.47	9.32	11.17	3.57	7.72	12.70	4.71	9.36
15	13.20	4.65	9.41	12.81	5.11	9.11	12.28	4.35	8.91	12.86	4.78	9.30
16	13.21	5.44	9.42	12.74	4.76	9.26	12.80	4.54	9.23	13.00	4.67	9.22
17	13.52	5.19	9.70	12.79	4.74	9.35	---	---	---	13.11	4.64	9.14
18	13.35	4.21	9.26	13.50	4.81	9.69	---	---	---	13.01	4.71	9.08
19	13.37	4.07	9.15	13.19	4.29	9.36	---	---	---	12.93	4.81	9.06
20	13.36	3.88	9.02	13.75	5.08	9.87	---	---	---	12.50	4.60	8.79
21	12.83	3.66	8.66	12.99	4.27	9.18	---	---	---	12.41	4.82	8.62
22	12.84	4.05	8.89	13.15	4.44	9.29	---	---	---	12.36	5.08	8.71
23	12.88	4.71	9.10	12.92	5.09	9.39	11.87	4.95	8.50	12.25	5.26	8.77
24	12.80	5.04	9.34	12.70	5.00	9.09	11.85	5.08	8.43	12.24	5.43	8.73
25	12.81	6.44	9.98	12.58	5.11	8.84	11.85	5.58	8.75	12.00	5.29	8.57
26	13.76	6.66	10.31	12.20	5.20	8.64	11.94	6.06	8.91	11.79	5.24	8.59
27	12.66	6.09	9.49	11.81	5.81	8.75	11.62	6.14	8.90	11.50	5.19	8.60
28	12.34	6.72	9.70	11.61	6.18	8.93	11.53	6.35	9.27	11.81	5.10	8.78
29	12.17	6.27	9.18	12.47	7.28	9.83	12.19	5.87	9.24	12.66	5.24	9.10
30	---	---	---	12.64	7.27	10.04	12.20	5.42	9.27	13.44	5.20	9.79
31	---	---	---	12.67	5.96	9.75	---	---	---	13.53	4.44	9.47
MONTH	13.76	3.31	9.18	13.75	3.36	9.11	---	---	---	14.28	3.63	9.15

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	13.82	3.79	9.13	14.28	3.90	9.40	14.34	4.09	9.54	12.82	3.96	8.93
2	14.33	3.97	9.37	14.34	3.89	9.29	14.27	4.66	9.67	12.95	4.58	9.28
3	14.36	3.64	9.24	14.50	3.94	9.35	13.72	5.01	9.78	13.27	5.66	9.70
4	14.24	3.88	9.09	14.31	4.30	9.41	13.62	4.79	9.68	13.09	5.85	9.75
5	14.07	4.05	9.07	13.78	4.58	9.41	13.27	5.21	9.64	13.17	6.87	10.22
6	13.90	4.51	9.29	13.78	4.59	9.47	13.16	4.96	9.74	13.50	7.45	10.57
7	13.95	4.82	9.45	13.56	5.05	9.68	13.39	6.46	10.14	13.00	7.78	10.54
8	13.46	5.12	9.49	13.10	5.01	9.57	12.75	6.06	9.75	12.59	6.52	9.69
9	13.19	5.20	9.55	12.93	5.36	9.54	12.50	5.99	9.54	12.07	5.86	9.06
10	12.91	5.22	9.58	12.97	5.36	9.58	12.38	6.00	9.43	12.24	5.40	9.02
11	12.86	4.94	9.33	12.94	5.66	9.67	12.34	5.78	9.31	12.96	5.56	9.53
12	13.10	4.90	9.46	12.72	5.63	9.55	12.29	5.69	9.22	13.63	5.70	9.95
13	13.67	6.22	10.23	12.69	5.35	9.24	12.19	4.69	8.68	13.68	5.72	9.96
14	13.27	5.67	9.89	12.62	5.33	9.07	12.17	5.12	9.08	13.75	5.65	10.09
15	13.09	5.40	9.51	12.37	5.18	9.02	12.79	4.56	8.91	13.58	5.07	9.86
16	12.81	5.01	9.11	13.22	5.19	9.28	12.94	4.69	8.96	13.65	5.02	9.76
17	12.79	5.03	9.05	13.10	5.18	9.37	13.00	4.92	9.15	13.47	4.71	9.56
18	12.70	5.02	8.91	12.69	5.25	9.08	13.08	4.95	9.28	12.97	4.26	8.98
19	13.01	5.23	9.06	13.08	5.12	9.20	12.76	4.91	9.11	13.16	5.04	9.43
20	13.47	5.85	9.67	12.86	5.22	9.20	12.41	4.80	9.01	14.06	6.51	10.32
21	13.26	6.58	9.93	12.77	5.19	9.21	12.22	4.62	8.76	14.30	6.79	10.60
22	13.20	6.01	9.40	12.72	5.32	9.30	12.42	4.78	8.74	13.80	6.18	10.23
23	12.38	5.39	8.72	12.61	5.40	9.30	12.95	5.12	9.25	13.36	5.60	9.78
24	11.83	5.01	8.64	12.47	5.33	9.26	13.32	5.41	9.63	13.71	5.69	10.09
25	11.74	5.41	8.87	12.72	5.01	9.20	13.54	5.54	9.74	14.10	5.97	10.39
26	11.88	5.13	8.81	12.96	5.01	9.26	13.51	4.75	9.56	14.61	6.07	10.57
27	13.02	5.02	9.25	13.44	4.98	9.46	13.99	4.53	9.64	---	---	---
28	12.92	4.61	9.11	13.68	4.41	9.41	14.40	4.89	9.89	---	---	---
29	13.47	4.08	9.14	13.75	4.35	9.32	13.60	3.34	9.12	---	---	---
30	13.97	4.13	9.36	14.31	4.08	9.47	13.24	3.98	9.08	---	---	---
31	---	---	---	14.59	4.32	9.68	13.01	3.86	8.93	---	---	---
MONTH	14.36	3.64	9.29	14.59	3.89	9.36	14.40	3.34	9.35	---	---	---

02176603 BEAUFORT RIVER AT BEAUFORT, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--October 1998 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1998 to current year.

WATER TEMPERATURE: October 1998 to current year.

DISSOLVED OXYGEN: October 1998 to current year.

INSTRUMENTATION.--Water-quality multiprobe and data collection platform.

REMARKS.--Specific conductance records rated good except for Apr. 22 to May 11, June 2-10, which are fair. Temperature records rated excellent. Dissolved oxygen records rated good except for June 24 to July 7, July 14-22, Aug. 19-25, Sep. 1-5, which are fair, Oct. 14-21, May 11-20, May 28 to June 2, June 10-24, Aug. 11-19, Sep. 5-22, which are poor. Prior to October 1, 2003 dissolved oxygen concentrations are not corrected for salinity.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 54,900 microsiemens, May 23, 2002; minimum, 31,000 microsiemens, Apr. 10, 2003.

WATER TEMPERATURE: Maximum, 34.5°C, Aug. 1, 1999; minimum, 5.0°C, Jan. 4, 5, 2001.

DISSOLVED OXYGEN: Maximum, 13.6 mg/L, Feb. 3, 4, 2000; minimum, 2.8 mg/L, Sep. 13, 2004.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 57,800 microsiemens, Sep. 5; minimum, 38,800 microsiemens, Mar. 31.

WATER TEMPERATURE: Maximum, 32.6°C, July 7; minimum, 7.5°C, Feb. 2.

DISSOLVED OXYGEN: Maximum, 10.5 mg/L, Feb. 5, 6; minimum, 2.8 mg/L, Sep. 13.

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	45400	39600	42400	---	---	---	47800	45200	46600	47000	46000	46600
2	45200	39700	42400	---	---	---	46800	45300	46100	47100	46000	46600
3	45300	39700	42500	---	---	---	46800	45200	46200	47100	45900	46600
4	45100	39700	42500	---	---	---	46900	43200	45800	47100	46000	46600
5	45000	40000	42500	45900	42300	44200	46500	43000	45200	47200	46000	46700
6	45200	40300	42800	45800	42500	44300	46400	43300	45300	47200	46200	46700
7	45300	40500	42900	45900	42800	44400	46700	43900	45500	47400	46300	46900
8	45300	40500	42900	46000	43000	44600	46800	44200	45600	47500	46300	46900
9	---	---	---	46500	43000	44700	46800	44400	45700	47500	46100	46900
10	---	---	---	48800	43500	45500	46900	44500	45700	47400	45400	46600
11	---	---	---	---	---	---	46800	44400	45800	47500	45400	46500
12	---	---	---	---	---	---	46900	45200	46100	47400	45500	46600
13	---	---	---	---	---	---	47000	45100	46100	47400	46000	46800
14	---	---	---	---	---	---	46800	43700	45500	47500	46200	46900
15	45500	42100	44000	---	---	---	46600	44100	45500	47400	46300	46900
16	46000	43100	44400	---	---	---	46200	44000	45300	47500	46100	46900
17	45600	43100	44400	---	---	---	46100	44200	45200	47400	45900	46800
18	45700	43100	44300	---	---	---	46400	44700	45600	47500	45900	46700
19	45900	42500	44200	46600	44000	45600	46500	44900	45800	47500	46000	46800
20	45900	42400	44200	47100	44200	45700	46800	45100	46100	47600	46100	46900
21	45900	42400	44300	47200	44500	46000	47200	45300	46300	47700	45900	46900
22	46500	42600	44600	47500	44200	46000	47300	45200	46300	47700	45900	46900
23	46800	43300	45200	47700	44200	46100	47400	45000	46300	47700	46200	47000
24	---	---	---	47800	44300	46200	47300	45000	46300	47700	46600	47200
25	---	---	---	47800	44400	46200	47200	45000	46300	47800	46700	47300
26	---	---	---	47900	44800	46400	47300	45400	46400	47800	45700	47000
27	---	---	---	47800	44900	46400	47300	45500	46500	47200	45000	46300
28	---	---	---	47700	44800	46300	47200	45600	46500	47100	45500	46500
29	---	---	---	47600	45400	46500	47200	45700	46500	47200	46200	46800
30	---	---	---	47800	46000	46900	47000	45900	46500	47200	46400	46900
31	---	---	---	---	---	---	47100	46000	46600	47200	46500	46900
MONTH	---	---	---	---	---	---	47800	43000	46000	47800	45000	46800

BROAD RIVER BASIN

02176603 BEAUFORT RIVER AT BEAUFORT, SC--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	47300	46000	46800	44000	39300	41500	46100	40300	42900	---	---	---
2	47400	44400	46500	43800	39400	41300	45900	41200	43700	---	---	---
3	46800	43800	45600	44100	39500	41400	46500	42100	44500	---	---	---
4	47000	44100	45700	45400	39600	42500	46900	42800	45000	---	---	---
5	47000	44300	45800	46200	40500	43500	47100	43500	45500	---	---	---
6	46900	44100	45600	---	---	---	47500	43800	45700	---	---	---
7	46500	44000	45400	---	---	---	47600	44000	45800	---	---	---
8	46900	44900	46000	---	---	---	47400	44300	46000	---	---	---
9	47000	45100	46100	47600	43900	45700	47400	44600	46000	---	---	---
10	47000	45200	46100	47600	42200	45500	47500	44600	46100	---	---	---
11	47300	45300	46400	47600	42900	45600	47300	44400	45900	---	---	---
12	47300	44800	46200	47800	43700	46000	47000	44000	45500	48400	47400	48000
13	47200	44500	46000	48000	44000	46200	46600	43900	45400	48400	47400	48000
14	47000	44100	45700	48000	42000	45500	47200	44900	46100	48500	47600	48100
15	47000	43200	45300	47700	41800	44900	47600	46100	46900	48500	47500	48100
16	46700	43000	45100	47400	42200	45100	47700	46000	47000	48300	47100	47900
17	46700	42800	44900	47300	42500	45200	---	---	---	48300	46900	47700
18	46700	42400	44800	47500	42700	45200	---	---	---	48200	46400	47600
19	46800	43000	45000	47400	42800	45200	---	---	---	48200	46300	47400
20	46800	43600	45200	47600	42700	45600	---	---	---	48000	46600	47400
21	46600	43900	45300	47300	43000	45400	---	---	---	48200	47000	47600
22	46700	44200	45500	47700	43800	45800	---	---	---	48300	47500	47900
23	46600	43900	45500	47600	43000	45600	49400	48700	49100	48500	47800	48100
24	46500	43500	45300	47500	41500	45200	49400	48800	49100	48600	48100	48300
25	46500	43500	45200	47300	41600	44800	49400	48300	49000	48600	48300	48500
26	46300	40600	43700	47100	42300	44600	49200	48400	49000	48800	48500	48600
27	45400	40000	42700	46800	42600	44600	---	---	---	49000	48800	48900
28	45000	39600	42400	46500	43300	44700	---	---	---	49400	49000	49200
29	44200	39600	41800	46600	40700	43900	---	---	---	49600	49300	49400
30	---	---	---	46400	40200	43500	---	---	---	49600	49200	49500
31	---	---	---	45600	38800	42800	---	---	---	49700	49200	49600
MONTH	47400	39600	45200	---	---	---	---	---	---	---	---	---

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	49700	49000	49500	49300	47400	48500	49400	46400	48300	50700	47600	49200
2	---	---	---	49300	47000	48400	49400	46100	48100	50900	49000	50000
3	---	---	---	49500	47100	48500	49400	46200	48000	51100	49100	50200
4	---	---	---	49600	46400	48100	49100	46600	48000	51400	49300	50400
5	---	---	---	49500	46800	48200	49600	47000	48400	51800	49400	50700
6	---	---	---	49400	47000	48300	49700	47400	48600	51500	47000	49800
7	---	---	---	49200	46700	48100	49900	47900	48900	51400	47700	49600
8	---	---	---	48400	46500	47600	49800	47800	48900	51200	48000	49600
9	---	---	---	48600	47000	47900	49800	48000	48900	50100	47200	49000
10	---	---	---	48900	47300	48200	49900	48100	49000	50200	47300	48800
11	49100	48700	48900	49000	47400	48400	50200	48200	49200	48800	45900	47700
12	49000	48700	48900	49300	47000	48400	50400	48400	49500	47800	45100	46600
13	49200	48600	49000	49400	47600	48600	49600	47700	48700	47900	45200	46600
14	49000	48300	48800	---	---	---	49500	47500	48600	49400	45100	47400
15	49000	48200	48600	---	---	---	49200	46600	48200	49400	45900	47700
16	48700	48100	48400	---	---	---	49000	46200	47800	49300	46100	47800
17	48600	48000	48500	---	---	---	49000	46400	47900	49100	46300	47800
18	48700	48100	48500	---	---	---	48800	46500	47800	49100	46600	47900
19	48800	48200	48600	---	---	---	49200	46700	48100	49300	47000	48200
20	48900	48400	48600	---	---	---	49200	47400	48400	49100	47200	48100
21	48900	48500	48700	---	---	---	49300	47300	48600	49600	47100	48500
22	48800	48000	48500	48600	47200	48000	49400	47900	48700	49400	46800	48300
23	48600	47400	48000	48300	47400	47800	49400	46000	48200	49300	46800	48200
24	47800	46700	47300	48600	47600	48100	49100	45800	47700	49800	47000	48400
25	47500	46900	47200	49000	47400	48100	49000	45800	47600	49400	46900	48300
26	47800	47000	47500	48200	47400	47900	49100	46200	47700	49600	46500	48200
27	48100	47300	47700	48100	47100	47800	49200	46500	47900	49000	45300	47400
28	48200	47100	47700	49300	47400	48400	49600	46700	48100	48500	45500	47200
29	48500	47000	47800	49600	48000	48900	49900	47000	48300	49000	46100	47500
30	49100	47000	48200	49700	47600	48800	---	---	---	48600	46700	47700
31	---	---	---	49600	47000	48700	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	51800	45100	48400

BROAD RIVER BASIN

02176603 BEAUFORT RIVER AT BEAUFORT, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	24.8	23.3	24.3	---	---	---	15.6	14.2	15.0	11.2	10.6	10.9
2	24.5	23.5	24.1	---	---	---	15.1	13.6	14.5	11.1	10.7	10.9
3	23.8	22.2	23.1	---	---	---	14.5	12.5	13.8	11.5	10.9	11.2
4	23.5	22.3	23.0	---	---	---	13.8	12.0	12.9	12.4	11.3	11.7
5	23.7	23.0	23.4	23.0	22.1	22.5	13.4	11.9	12.6	13.3	11.9	12.5
6	23.8	23.4	23.6	23.6	22.7	23.1	12.8	11.6	12.2	13.5	12.5	12.9
7	23.6	23.4	23.5	24.2	23.1	23.6	12.4	11.2	11.9	12.7	11.5	11.9
8	23.8	23.3	23.5	24.1	23.1	23.5	12.2	10.9	11.7	11.6	10.9	11.2
9	---	---	---	23.1	21.0	21.9	12.2	11.1	11.8	11.2	10.6	11.0
10	---	---	---	21.0	19.2	19.9	12.6	11.7	12.2	10.8	10.0	10.3
11	---	---	---	19.8	18.5	19.4	12.5	12.0	12.2	10.1	9.0	9.5
12	---	---	---	20.2	19.1	19.7	12.3	11.6	12.0	9.7	8.7	9.3
13	---	---	---	20.1	19.5	19.9	12.0	11.8	11.9	9.8	9.1	9.5
14	---	---	---	19.5	18.6	18.9	12.0	11.3	11.8	10.3	9.3	9.8
15	24.0	23.3	23.6	18.8	18.0	18.5	11.6	10.7	11.3	10.7	9.9	10.2
16	23.4	22.7	23.1	19.1	18.1	18.7	11.5	10.9	11.3	10.5	10.0	10.2
17	23.3	22.6	23.0	19.5	18.7	19.1	11.5	11.1	11.4	10.4	10.0	10.2
18	23.1	22.6	22.9	19.9	19.2	19.5	11.2	10.2	10.8	11.6	10.3	10.8
19	22.7	22.0	22.5	20.0	19.6	19.8	10.8	9.7	10.4	11.7	10.9	11.2
20	22.7	21.9	22.4	19.6	18.6	19.2	10.2	8.6	9.7	11.2	10.3	10.6
21	22.7	22.0	22.4	19.1	18.3	18.8	9.6	8.0	9.1	10.4	9.9	10.2
22	22.5	21.6	22.2	18.9	18.2	18.6	9.4	7.8	8.9	10.5	9.9	10.2
23	21.9	20.8	21.5	18.9	18.2	18.6	9.7	8.5	9.3	10.3	9.8	10.0
24	21.5	20.6	21.2	19.3	18.5	18.8	11.1	9.7	10.2	10.5	9.5	9.9
25	---	---	---	18.9	18.1	18.3	10.6	9.9	10.3	10.5	10.0	10.2
26	---	---	---	18.1	17.3	17.8	10.5	9.8	10.1	10.1	9.6	9.9
27	---	---	---	18.4	17.4	18.0	10.6	9.8	10.1	9.7	9.0	9.3
28	---	---	---	18.5	18.0	18.3	10.7	9.8	10.2	9.3	8.2	8.8
29	---	---	---	18.0	15.8	16.8	10.7	10.1	10.4	8.9	8.0	8.6
30	---	---	---	16.4	14.8	15.6	11.3	10.4	10.8	8.8	8.2	8.6
31	---	---	---	---	---	---	11.2	10.6	10.9	8.9	8.4	8.7
MONTH	---	---	---	---	---	---	15.6	7.8	11.3	13.5	8.0	10.3

Temperature, water, degrees Celsius												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	8.8	7.8	8.3	10.9	10.0	10.3	18.5	17.4	17.9	23.1	22.8	23.0
2	8.2	7.5	8.0	12.2	10.6	11.3	17.5	16.7	17.2	23.4	22.9	23.1
3	8.7	7.9	8.4	13.3	11.5	12.3	17.3	16.6	16.9	23.5	22.8	23.2
4	9.0	8.5	8.7	14.3	12.2	13.2	17.6	16.7	17.0	22.8	22.1	22.5
5	9.4	8.7	9.0	15.5	13.0	14.2	17.7	16.4	16.9	23.2	21.8	22.4
6	11.3	9.3	10.1	16.6	13.9	15.2	18.2	16.6	17.2	24.6	22.3	23.0
7	12.2	10.5	11.2	17.2	14.5	15.7	18.9	17.0	17.6	25.8	23.0	23.9
8	11.2	10.1	10.7	16.3	14.7	15.5	19.2	17.4	18.1	26.7	23.6	24.8
9	10.6	10.0	10.3	15.2	14.1	14.7	20.1	17.8	18.7	26.6	24.4	25.1
10	10.9	10.1	10.4	14.8	13.8	14.2	21.1	18.3	19.3	26.4	24.6	25.3
11	11.2	10.3	10.6	15.1	13.6	14.1	21.7	19.2	20.3	25.8	24.9	25.3
12	10.9	10.4	10.6	15.1	13.8	14.2	22.1	20.0	20.9	26.0	24.9	25.4
13	11.1	10.2	10.5	15.4	14.1	14.5	21.6	20.6	21.2	26.2	25.1	25.6
14	10.9	10.5	10.7	16.0	14.3	15.0	21.1	19.2	19.8	26.3	25.4	25.9
15	10.9	10.3	10.6	17.0	14.8	15.8	19.2	18.3	18.9	26.3	25.7	26.0
16	10.9	10.1	10.5	17.4	15.6	16.5	19.4	18.6	18.9	25.9	25.5	25.7
17	10.3	9.0	9.8	17.4	15.9	16.6	---	---	---	26.3	25.5	25.8
18	9.6	8.8	9.2	17.1	15.9	16.6	---	---	---	26.2	25.8	26.0
19	10.0	9.0	9.5	17.9	16.1	16.9	---	---	---	26.8	25.7	26.1
20	11.0	9.6	10.1	18.3	16.5	17.4	---	---	---	27.3	26.1	26.5
21	12.5	10.3	11.1	19.0	17.0	17.8	---	---	---	27.7	26.4	26.9
22	13.1	10.9	11.7	17.7	16.5	17.1	---	---	---	28.0	26.6	27.2
23	13.1	11.4	12.1	16.7	15.8	16.2	23.8	21.7	22.6	28.1	26.9	27.4
24	13.1	11.7	12.4	16.8	15.6	16.1	24.3	22.3	23.2	28.3	27.1	27.6
25	12.8	11.6	12.2	17.5	16.1	16.6	24.3	22.9	23.6	28.5	27.3	27.8
26	11.6	10.1	10.8	18.2	16.6	17.2	24.4	23.2	23.8	28.6	27.6	27.9
27	10.5	8.8	9.7	18.8	17.1	17.8	23.9	23.4	23.7	28.5	27.6	28.0
28	9.6	8.2	9.1	19.4	17.8	18.5	23.5	22.8	23.1	28.5	27.7	28.0
29	10.1	8.9	9.5	19.6	18.2	18.8	23.1	22.5	22.8	28.5	27.8	28.2
30	---	---	---	19.2	18.5	18.8	23.1	22.7	22.9	28.6	27.8	28.2
31	---	---	---	18.9	18.3	18.5	---	---	---	28.6	28.1	28.3
MONTH	13.1	7.5	10.2	19.6	10.0	15.7	---	---	---	28.6	21.8	25.8

BROAD RIVER BASIN

02176603 BEAUFORT RIVER AT BEAUFORT, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	28.3	27.7	28.0	29.6	29.2	29.4	30.0	29.4	29.6	30.2	28.6	29.1
2	28.4	27.5	27.9	29.8	29.1	29.4	29.9	28.9	29.3	29.9	28.9	29.2
3	29.2	27.9	28.3	30.0	28.9	29.4	30.1	28.9	29.4	29.6	28.5	28.9
4	28.5	27.8	28.1	30.6	29.1	29.6	31.3	29.4	30.0	29.4	28.4	28.8
5	29.0	27.4	28.0	31.4	29.5	30.1	31.8	30.1	30.6	28.7	28.1	28.4
6	28.6	27.8	28.1	32.3	30.1	30.7	30.9	30.1	30.5	28.2	27.0	27.6
7	29.4	27.6	28.2	32.6	30.7	31.2	30.1	28.8	29.4	27.4	26.8	27.2
8	29.9	28.1	28.7	31.8	30.8	31.1	29.2	28.2	28.9	27.3	26.8	27.1
9	29.1	28.6	28.8	31.4	30.6	31.0	29.1	28.4	28.8	27.6	26.9	27.2
10	29.2	28.5	28.8	31.5	30.8	31.1	29.1	28.4	28.8	27.7	27.4	27.5
11	29.4	28.7	29.1	31.3	30.7	31.1	28.9	28.4	28.7	27.6	27.1	27.5
12	29.7	29.0	29.4	31.0	30.3	30.7	28.7	28.2	28.6	27.2	26.7	27.0
13	29.6	28.5	29.2	31.1	30.4	30.7	28.2	27.7	28.0	26.9	26.1	26.5
14	28.8	28.2	28.6	31.3	30.7	31.0	28.0	27.3	27.7	26.2	25.5	26.0
15	28.6	28.0	28.3	31.2	30.5	30.9	28.2	27.4	27.8	26.0	25.4	25.7
16	28.5	28.1	28.4	30.7	29.9	30.3	28.1	27.5	27.8	26.5	25.5	26.0
17	28.7	28.1	28.4	30.5	29.9	30.1	28.4	27.6	28.0	27.4	26.2	26.6
18	29.5	28.3	28.8	30.1	29.5	29.8	29.5	27.9	28.4	27.7	26.1	26.7
19	30.2	28.8	29.3	30.5	29.2	29.7	30.3	28.5	29.0	26.8	25.9	26.4
20	30.8	29.3	29.9	30.9	29.7	30.1	30.7	29.1	29.6	26.0	24.5	25.1
21	30.1	29.3	29.7	31.3	29.9	30.3	30.2	29.4	29.7	24.7	23.2	24.2
22	30.2	28.9	29.5	31.6	30.2	30.7	30.1	29.1	29.5	24.6	23.5	24.2
23	30.0	29.1	29.5	31.3	30.4	30.7	29.5	29.1	29.3	24.7	24.0	24.4
24	30.0	28.8	29.4	31.4	30.4	30.8	29.7	28.7	29.2	24.7	23.7	24.4
25	30.2	29.3	29.6	31.4	30.7	31.0	29.6	29.0	29.3	24.5	24.0	24.3
26	29.8	29.2	29.5	31.2	30.8	31.0	29.5	28.8	29.1	24.3	23.9	24.2
27	29.9	29.0	29.4	31.1	30.6	30.9	29.1	28.4	28.8	25.0	24.1	24.5
28	29.7	29.1	29.4	31.0	30.5	30.7	28.9	28.5	28.7	25.6	24.5	24.9
29	29.9	29.2	29.5	30.6	30.1	30.4	28.5	27.7	28.1	26.2	24.7	25.3
30	30.1	29.4	29.7	30.5	29.7	30.1	29.2	27.7	28.3	26.6	25.3	25.8
31	---	---	---	30.2	29.9	30.0	29.7	28.4	28.8	---	---	---
MONTH	30.8	27.4	28.9	32.6	28.9	30.5	31.8	27.3	29.0	30.2	23.2	26.4

02176603 BEAUFORT RIVER AT BEAUFORT, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	6.3	5.3	5.7	---	---	---	7.4	6.9	7.2	9.0	8.1	8.7
2	6.3	5.4	5.8	---	---	---	7.5	7.0	7.3	9.0	8.2	8.7
3	6.3	5.5	5.8	---	---	---	7.7	7.2	7.4	8.9	8.2	8.7
4	6.0	5.4	5.7	---	---	---	7.8	7.3	7.6	8.9	8.1	8.6
5	5.8	5.1	5.5	5.1	4.6	4.8	7.8	7.4	7.6	9.0	8.1	8.6
6	5.6	4.9	5.2	4.9	4.4	4.7	7.8	7.3	7.6	8.8	7.9	8.5
7	5.3	4.7	5.0	4.7	4.3	4.6	7.9	7.4	7.7	8.9	8.1	8.5
8	5.0	4.6	4.8	4.7	4.2	4.4	7.9	7.4	7.7	8.9	8.1	8.6
9	---	---	---	5.3	4.2	4.8	8.1	7.5	7.8	8.9	8.2	8.6
10	---	---	---	5.9	5.0	5.4	---	---	---	9.1	8.4	8.7
11	---	---	---	---	---	---	---	---	---	9.4	8.3	9.0
12	---	---	---	---	---	---	---	---	---	9.5	8.9	9.2
13	---	---	---	---	---	---	---	---	---	9.6	9.0	9.3
14	---	---	---	---	---	---	---	---	---	9.7	9.1	9.4
15	6.0	4.9	5.4	---	---	---	---	---	---	9.6	9.2	9.4
16	6.5	5.3	5.8	---	---	---	---	---	---	9.8	9.2	9.4
17	6.4	5.5	5.9	---	---	---	8.7	8.3	8.5	9.6	9.0	9.4
18	6.5	5.6	5.9	---	---	---	8.9	8.4	8.6	9.5	8.8	9.2
19	6.4	5.6	5.9	6.5	6.1	6.3	8.9	8.4	8.6	9.3	8.6	9.0
20	6.3	5.4	5.8	6.3	5.9	6.2	8.9	8.4	8.7	9.3	8.4	8.9
21	6.1	5.3	5.7	6.2	5.8	6.0	8.9	8.3	8.6	9.4	8.4	9.0
22	6.0	5.6	5.8	6.1	5.6	5.9	8.9	8.2	8.6	9.5	8.6	9.1
23	6.1	5.5	5.8	6.2	5.7	5.9	8.9	8.2	8.6	9.6	8.7	9.2
24	6.0	5.5	5.8	6.3	5.7	6.0	8.8	8.1	8.5	9.7	8.7	9.3
25	---	---	---	6.8	5.8	6.2	---	---	---	9.7	8.7	9.3
26	---	---	---	6.8	6.1	6.4	---	---	---	9.7	8.7	9.2
27	---	---	---	7.0	6.0	6.5	---	---	---	9.6	8.6	9.3
28	---	---	---	6.9	6.2	6.6	---	---	---	9.9	8.8	9.4
29	---	---	---	7.2	6.4	6.8	---	---	---	10.1	9.1	9.6
30	---	---	---	7.3	6.7	7.0	9.0	8.2	8.7	10.2	9.3	9.8
31	---	---	---	---	---	---	9.0	8.1	8.6	10.4	9.4	9.9
MONTH	---	---	---	---	---	---	---	---	---	10.4	7.9	9.1

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	10.4	9.3	10.0	10.1	9.4	9.8	7.5	6.7	7.2	7.4	6.0	6.8
2	10.4	9.5	10.0	9.4	8.7	9.0	7.7	7.2	7.4	8.0	6.0	6.7
3	10.4	9.5	10.0	9.2	8.5	8.8	7.6	7.1	7.4	---	---	---
4	10.4	9.4	10.0	8.8	8.2	8.6	7.7	7.1	7.4	---	---	---
5	10.5	9.4	10.0	8.6	7.9	8.3	7.6	7.1	7.4	---	---	---
6	10.5	9.3	9.8	8.2	7.5	7.9	7.6	7.0	7.3	---	---	---
7	10.3	9.0	9.6	7.9	7.1	7.6	7.4	6.8	7.1	---	---	---
8	10.3	8.9	9.7	7.9	7.0	7.5	7.2	6.6	7.0	---	---	---
9	10.4	9.2	9.8	7.9	7.2	7.6	7.2	6.4	6.9	---	---	---
10	10.2	9.1	9.7	8.0	7.2	7.6	7.2	6.4	6.9	---	---	---
11	10.3	8.9	9.3	8.1	7.4	7.7	7.3	6.5	7.0	---	---	---
12	9.1	8.7	8.9	8.0	7.4	7.8	7.2	6.4	6.9	6.3	5.0	5.7
13	9.1	8.5	8.8	8.1	7.4	7.8	7.1	6.2	6.8	6.5	5.3	6.0
14	8.9	8.5	8.7	8.2	7.4	7.8	7.2	6.7	6.9	6.6	5.4	6.1
15	8.8	8.3	8.6	8.0	7.3	7.7	7.5	6.7	7.0	6.4	5.2	5.9
16	9.1	8.5	8.7	7.8	6.9	7.6	7.4	6.7	7.1	6.3	4.9	5.7
17	9.1	8.7	8.9	7.8	7.0	7.5	---	---	---	6.3	4.9	5.7
18	9.3	8.6	8.9	7.8	6.9	7.5	---	---	---	6.1	4.9	5.5
19	9.4	8.7	9.0	7.6	6.9	7.2	---	---	---	6.0	4.5	5.3
20	9.5	8.7	9.1	7.0	6.5	6.8	---	---	---	6.0	4.1	5.3
21	9.5	8.8	9.2	7.0	6.3	6.7	---	---	---	6.2	4.9	5.6
22	9.0	8.6	8.8	7.1	6.4	6.8	---	---	---	6.2	5.1	5.7
23	9.0	8.6	8.8	7.3	6.6	7.0	6.5	5.7	6.3	6.1	5.0	5.8
24	9.2	8.5	8.9	7.6	6.8	7.1	6.6	5.7	6.3	6.0	4.9	5.5
25	9.2	8.5	8.8	7.5	6.9	7.2	6.6	5.7	6.3	5.8	4.6	5.4
26	8.8	8.4	8.6	7.5	6.9	7.2	6.5	5.6	6.2	5.9	4.6	5.3
27	9.0	8.4	8.7	7.5	6.8	7.2	7.1	6.0	6.6	5.7	4.5	5.2
28	9.3	8.5	9.0	7.6	6.8	7.3	7.6	6.5	7.0	5.4	3.6	4.4
29	10.2	9.0	9.6	7.5	6.7	7.2	7.5	6.5	7.1	5.6	3.5	4.4
30	---	---	---	7.4	6.6	7.0	7.8	6.4	7.1	5.4	3.7	4.6
31	---	---	---	7.2	6.4	6.9	---	---	---	5.3	3.8	4.6
MONTH	10.5	8.3	9.2	10.1	6.3	7.6	---	---	---	---	---	---

BROAD RIVER BASIN

02176603 BEAUFORT RIVER AT BEAUFORT, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	4.8	3.6	4.3	4.5	3.6	4.1	---	---	---	5.0	3.8	4.4
2	---	---	---	4.3	3.4	3.9	---	---	---	4.9	3.9	4.4
3	---	---	---	4.8	3.6	4.1	---	---	---	5.3	3.9	4.5
4	---	---	---	5.3	3.9	4.5	---	---	---	5.6	4.1	4.7
5	---	---	---	5.8	4.0	4.8	---	---	---	5.4	3.9	4.7
6	---	---	---	6.1	4.2	5.0	5.1	3.8	4.3	5.3	3.7	4.6
7	---	---	---	6.0	4.5	5.2	5.6	4.2	4.7	5.4	3.9	4.7
8	---	---	---	6.0	4.3	5.2	5.7	4.5	4.9	5.6	3.9	4.6
9	---	---	---	5.9	4.4	5.2	5.4	4.4	4.9	5.3	3.5	4.3
10	---	---	---	5.8	4.1	5.1	5.3	4.3	4.8	4.9	3.1	4.0
11	5.1	4.2	4.7	5.0	3.9	4.7	5.3	3.9	4.7	4.7	3.0	3.8
12	5.3	4.3	4.9	4.7	3.3	4.1	5.4	4.4	4.8	4.9	3.1	3.9
13	5.1	4.3	4.8	5.1	3.8	4.3	5.1	4.3	4.6	4.7	2.8	3.7
14	5.2	4.3	4.8	5.3	3.7	4.6	5.0	4.0	4.6	4.8	3.0	4.2
15	5.2	4.4	4.8	5.6	4.3	5.0	5.0	4.1	4.6	4.9	4.3	4.6
16	5.2	4.3	4.7	5.7	4.4	5.0	4.8	3.8	4.3	5.4	4.3	4.9
17	5.4	4.2	4.8	5.6	4.2	4.8	4.8	3.5	4.2	6.8	5.1	5.7
18	6.5	4.5	5.4	5.3	4.0	4.7	4.6	3.3	4.0	7.2	5.5	6.2
19	7.1	5.0	5.9	5.3	3.8	4.7	4.7	3.2	4.0	7.8	5.8	6.5
20	7.6	5.6	6.6	5.2	3.8	4.7	4.8	3.7	4.3	7.4	5.9	6.5
21	7.2	5.5	6.4	5.4	3.7	4.7	5.1	4.0	4.6	7.7	5.6	6.5
22	6.9	4.9	6.1	5.1	3.7	4.5	5.5	4.2	4.8	6.8	5.4	6.1
23	6.4	5.0	5.8	5.0	3.9	4.5	5.2	4.4	4.8	6.2	5.4	5.7
24	6.0	4.5	5.3	5.0	3.9	4.3	5.5	4.0	4.8	5.9	5.3	5.5
25	5.6	4.8	5.1	4.7	3.6	4.1	5.2	4.1	4.8	6.1	5.2	5.5
26	5.4	4.7	5.0	4.3	3.5	3.9	5.0	4.0	4.5	5.9	5.1	5.4
27	5.2	4.4	4.7	4.4	3.5	3.9	4.7	3.6	4.3	6.0	5.1	5.6
28	4.8	4.1	4.5	4.8	3.4	4.1	4.8	3.6	4.2	6.8	5.2	5.8
29	5.4	3.9	4.4	4.8	3.6	4.2	4.9	3.6	4.4	6.2	5.0	5.7
30	4.9	4.1	4.6	5.0	3.7	4.2	5.5	3.8	4.7	6.0	4.8	5.3
31	---	---	---	4.6	3.6	4.1	5.4	3.9	4.6	---	---	---
MONTH	---	---	---	6.1	3.3	4.5	---	---	---	7.8	2.8	5.1

02176611 BEAUFORT RIVER NEAR PORT ROYAL, SC

LOCATION.--Lat 32°23'40'', long 80°40'32'', Beaufort County, Hydrologic Unit 03050208, attached to concrete pier of SC Highway 802 bridge near U.S. Naval Hospital in Port Royal near main channel of Beaufort River (Intracoastal Waterway), approximately 1,000 ft from west end of bridge.

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--May 2001 to current year.

GAGE.--Data Collection Platform and acoustic velocity meter. Datum of gage is 10.55 ft below NGVD of 1929.

REMARKS.--Records fair. This site is strongly affected by astronomical tides. The astronomical tides occur at primary harmonic periods of 12.42 hours for semi-diurnal tides and 24.84 hours for diurnal tides. Computed 24-hour daily mean discharge for this site may be affected by aliasing due to tides and, thus, may contain spurious fluctuations or oscillations that are not indicative of net downstream discharge.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 136,000 ft³/s, July 23, 2001, Apr. 18, 2003, maximum gage height, 17.16 ft, Aug. 7, 2002; minimum discharge, -133,000 ft³/s, Apr. 17, 2003, minimum gage height, 4.76 ft, Nov. 6, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 131,000 ft³/s, June 4, maximum gage height, 16.64 ft, Sep. 27; minimum discharge, -120,000 ft³/s, June 2, 3, Sep. 27, minimum gage height, 5.04 ft, Mar. 8.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	109000	-97600	97200	-88000	75700	-73600	70200	-72000	75300	-72300	58400	-59900
2	108000	-94000	92700	-88100	75200	-92500	79300	-76200	80400	-72800	68200	-67600
3	98800	-96500	102000	-88400	70600	-79700	77000	-78900	83300	-76000	75400	-72800
4	97000	-90200	99900	-91600	85800	-89500	80000	-81500	81100	-84800	81700	-77200
5	97700	-87500	99700	-91400	86500	-92800	84000	-82900	99500	-90100	93100	-84300
6	98800	-91200	98200	-98400	84400	-84800	85700	-83200	97600	-95700	94200	-96600
7	104000	-90400	98700	-92400	90900	-87400	85500	-79500	93100	-91600	110000	-96900
8	103000	-94200	103000	-96400	90200	-89600	88200	-89400	96200	-90700	110000	-106000
9	101000	-97700	96600	-85000	90100	-86700	94200	-92300	104000	-90800	109000	-105000
10	101000	-99400	99100	-89000	85800	-92700	100000	-89500	91000	-86200	112000	-96700
11	95000	-98600	95300	-93300	76900	-93000	100000	-89300	86900	-78900	103000	-90900
12	96600	-94500	86100	-80800	91700	-82900	83500	-82900	87000	-76600	94200	-81900
13	85900	-94100	71300	-68100	93600	-82600	86900	-80600	86900	-79400	90600	-77800
14	89300	-86400	80900	-71300	103000	-87600	92100	-84700	92000	-92000	98100	-75900
15	83700	-74600	76500	-66900	87600	-79900	82600	-80800	92700	-87600	92300	-84200
16	80500	-74300	78100	-69000	86100	-78800	81400	-78200	105000	-95900	91000	-83400
17	81100	-70100	71800	-71000	79700	-69200	91600	-86900	103000	-93300	94600	-84700
18	80900	-66500	81700	-91200	77100	-85800	104000	-99400	106000	-102000	105000	-96300
19	76100	-73900	77300	-78400	81500	-86000	108000	-96500	110000	-104000	108000	-101000
20	81300	-81100	96700	-96400	98000	-88200	119000	-107000	110000	-108000	122000	-106000
21	92200	-88700	108000	-102000	114000	-103000	123000	-110000	104000	-101000	112000	-97200
22	103000	-97900	115000	-106000	117000	-109000	114000	-106000	104000	-97400	112000	-94500
23	113000	-106000	122000	-114000	122000	-116000	101000	-102000	97600	-93000	101000	-92400
24	117000	-110000	123000	-117000	126000	-109000	105000	-95600	90200	-93000	91900	-84500
25	122000	-112000	125000	-112000	114000	-98600	108000	-95900	88900	-75200	90000	-76000
26	125000	-114000	123000	-116000	107000	-95900	103000	-91600	105000	-79200	76500	-69800
27	124000	-112000	118000	-106000	102000	-87700	84100	-81700	78200	-70700	68700	-61500
28	123000	-106000	110000	-98800	98900	-84500	71700	-68500	66200	-63700	55100	-62800
29	124000	-100000	94400	-87000	89800	-80000	66400	-61500	63700	-64200	71200	-61600
30	109000	-97400	89400	-77200	70800	-70700	56000	-62400	---	---	75700	-71300
31	99200	-89600	---	---	75200	-69700	59100	-59100	---	---	81900	-73400
MONTH	125000	-114000	125000	-117000	126000	-116000	123000	-110000	110000	-108000	122000	-106000

BROAD RIVER BASIN

02176611 BEAUFORT RIVER NEAR PORT ROYAL, SC--Continued

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	74900	-73200	93100	-86200	120000	-114000	128000	-117000	---	---	105000	-100000
2	89300	-81300	107000	-100000	129000	-120000	124000	-116000	---	---	94400	-92800
3	99300	-92100	111000	-107000	124000	-120000	124000	-119000	---	---	96500	-90300
4	112000	-96900	117000	-109000	131000	-116000	126000	-117000	---	---	91400	-83100
5	115000	-105000	120000	-117000	122000	-113000	121000	-105000	98100	-91700	91700	-75300
6	110000	-110000	124000	-118000	118000	-109000	120000	-97300	93400	-84300	91300	-76700
7	123000	-109000	123000	-106000	117000	-95100	108000	-93600	100000	-87500	65900	-79000
8	114000	-104000	120000	-104000	107000	-91800	96200	-99200	82800	-79500	77000	-81000
9	108000	-98500	108000	-95800	103000	-88400	92800	-86700	79600	-71700	79000	-75100
10	102000	-89000	101000	-91200	96200	-89300	87600	-84300	78000	-75200	83800	-77900
11	93400	-88400	93900	-88600	93100	-91200	84400	-87200	76300	-75300	92300	-83800
12	99800	-88400	93600	-86600	96000	-91700	84900	-82500	85200	-79300	107000	-95900
13	90300	-88800	94000	-85500	106000	-96200	93400	-84400	88600	-77200	112000	-102000
14	79800	-81400	93900	-90200	94300	-93500	95300	-83300	92300	-81700	115000	-106000
15	97800	-85600	96900	-94100	95400	-95900	84500	-77900	94800	-93600	112000	-106000
16	98000	-92600	100000	-92400	96900	-90800	94200	-95300	101000	-96400	112000	-106000
17	100000	-92900	102000	-96000	92900	-88000	97000	-92700	103000	-95100	103000	-101000
18	93100	-94800	97300	-92800	90600	-87700	94600	-92400	99200	-94300	100000	-88200
19	92300	-93900	97900	-91800	92300	-89800	91900	-94900	103000	-94600	99400	-88500
20	96500	-89700	97900	-88300	97300	-87000	102000	-87700	101000	-83900	101000	-88100
21	95200	-90100	94800	-81100	96000	-84000	92600	-88400	85500	-79300	103000	-93100
22	91100	-85200	91900	-82100	94900	-80900	94400	-83500	---	---	102000	-91600
23	86900	-73500	88900	-72600	86700	-74900	91800	-82100	---	---	96900	-90300
24	76500	-70600	84100	-70700	81300	-70700	93800	-78300	---	---	105000	-91700
25	71100	-64900	85200	-71200	72100	-78100	91900	-81200	---	---	114000	-96500
26	69900	-61500	77400	-65000	77100	-76400	93700	-91600	108000	-101000	129000	-110000
27	70300	-61700	72800	-67100	93400	-86600	102000	-95500	116000	-102000	120000	-120000
28	63600	-55400	78600	-72400	98900	-91800	113000	-104000	124000	-110000	120000	-102000
29	76600	-63200	91600	-86400	111000	-104000	117000	-106000	118000	-115000	107000	-106000
30	83900	-73400	105000	-95000	118000	-106000	---	---	113000	-109000	104000	-104000
31	---	---	111000	-103000	---	---	---	---	107000	-101000	---	---
MONTH	123000	-110000	124000	-118000	131000	-120000	---	---	---	---	129000	-120000

02176611 BEAUFORT RIVER NEAR PORT ROYAL, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--October 1998 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1998 to current year.

WATER TEMPERATURE: October 1998 to current year.

DISSOLVED OXYGEN: October 1998 to current year.

INSTRUMENTATION.--Water-quality multiprobe and data collection platform.

REMARKS.--Specific conductance records rated good. Temperature records rated excellent. Dissolved oxygen records rated excellent except for Oct. 1-7, 15-21, Nov. 11-16, Dec. 1, Feb. 19-25, Mar. 7, 28-31, Apr. 1, May 8-15, 28-31, June 1, 2, 30, July 7, 22-26, Aug. 16-18, Sep. 1, 2, 10-13, 28, 29, which are good, Feb. 26, 28, Mar. 2, 11-13, May 16, 17, July 27, 28, Aug. 19, which are fair, Mar. 3, 14, 15, 18, 19, May 18, 19, which are poor. Prior to October 1, 2003, dissolved oxygen concentrations are not corrected for salinity.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 54,900 microsiemens, June 11, 12, 2002; minimum, 36,100 microsiemens Apr. 10, 2003.

WATER TEMPERATURE: Maximum, 33.5°C, Aug. 1, 1999; minimum, 5.5°C, Jan. 3-6, 2001.

DISSOLVED OXYGEN: Maximum, 13.0 mg/L, Feb. 3, 2000; minimum, 3.6 mg/L, July 30, 2004.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 52,400 microsiemens, Aug. 31; minimum, 39,500 microsiemens Oct. 7.

WATER TEMPERATURE: Maximum, 31.4°C, July 7, 15; minimum, 8.0°C, Feb. 2.

DISSOLVED OXYGEN: Maximum, 11.8 mg/L, Jan. 11; minimum, 3.6 mg/L, July 30.

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	46700	40200	44100	---	---	---	48900	47300	48200	47800	46400	47300
2	46600	40400	44200	46800	44400	45600	48100	47200	47700	47900	46300	47300
3	46900	40300	44400	---	---	---	48200	47300	47800	47900	46400	47300
4	46700	40000	44300	---	---	---	48200	47100	47700	47900	46500	47400
5	46500	40500	44100	46600	43600	45400	47900	46700	47400	47900	46300	47300
6	46400	40200	44100	---	---	---	47700	46400	47200	---	---	---
7	46300	39500	44000	---	---	---	47900	46300	47200	---	---	---
8	---	---	---	46800	43800	45600	47800	46000	47100	48100	46000	47400
9	---	---	---	47000	44400	45800	47700	46100	46900	48100	45900	47400
10	---	---	---	47300	44500	45900	47600	46000	46800	48200	45800	47400
11	---	---	---	47300	43900	45900	47500	45800	46800	---	---	---
12	---	---	---	47100	44400	45900	47300	46000	46700	---	---	---
13	---	---	---	46800	45000	46000	47100	45800	46600	---	---	---
14	---	---	---	47400	45400	46500	47000	45700	46400	48300	46800	47700
15	46600	44200	45600	47400	45600	46600	47000	45200	46100	48100	46600	47700
16	47000	44300	45900	47400	45800	46700	46200	44900	45600	48200	45200	47000
17	46900	44900	45900	47400	46000	46700	46100	44700	45500	47300	45300	46700
18	46900	45000	45900	---	---	---	46400	45200	45800	47300	44800	46500
19	46900	44800	45900	47800	46500	47200	46500	45300	46000	47300	44500	46500
20	47100	44700	45900	48100	45900	47400	46800	45300	46300	47400	44100	46500
21	47000	44100	45900	48300	46400	47500	47000	45600	46500	47500	44400	46600
22	47200	44500	46000	48400	46400	47600	47100	45900	46600	47500	44300	46600
23	47600	44600	46500	48500	46200	47600	47200	45900	46600	47500	44700	46800
24	---	---	---	48800	45700	47500	47200	45800	46500	47600	44400	46700
25	47800	44400	46700	48900	46000	47800	47200	45700	46500	47600	44800	46900
26	47900	45200	46700	49000	46500	48000	47200	45700	46500	47700	44300	46900
27	---	---	---	48900	46700	47900	47100	45400	46500	47400	44400	46400
28	---	---	---	48800	46700	48000	47100	45500	46500	47500	44400	46400
29	---	---	---	48900	47200	48100	48000	45700	47000	47300	45000	46600
30	46800	44300	45500	48900	47900	48500	47800	46500	47300	47400	44400	46700
31	46800	44400	45600	---	---	---	47800	46300	47300	47400	45700	46900
MONTH	---	---	---	---	---	---	48900	44700	46800	---	---	---

BROAD RIVER BASIN

02176611 BEAUFORT RIVER NEAR PORT ROYAL, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	24.7	24.0	24.4	21.8	21.3	21.6	15.9	15.2	15.5	10.9	10.6	10.8
2	24.4	23.9	24.2	21.7	21.3	21.6	15.4	14.5	15.0	10.9	10.7	10.8
3	24.0	23.0	23.4	21.7	21.5	21.6	14.7	13.8	14.4	11.4	10.8	11.1
4	23.5	22.9	23.2	22.1	21.6	21.8	14.2	13.0	13.8	11.9	11.1	11.5
5	23.7	23.2	23.4	22.7	22.0	22.3	13.7	12.8	13.3	12.7	11.6	12.1
6	23.7	23.4	23.6	23.2	22.5	22.8	13.1	12.6	12.9	12.8	12.2	12.5
7	23.6	23.4	23.5	23.6	22.9	23.3	12.7	12.2	12.5	12.4	11.4	11.8
8	---	---	---	23.7	22.9	23.3	12.4	11.9	12.2	11.5	11.1	11.3
9	---	---	---	23.0	21.3	22.1	12.4	11.9	12.2	11.3	10.8	11.0
10	---	---	---	21.3	20.0	20.5	12.7	12.1	12.4	10.9	10.2	10.5
11	---	---	---	20.1	19.4	19.8	12.6	12.1	12.3	10.2	9.6	9.8
12	---	---	---	20.1	19.5	19.9	12.1	11.9	12.1	9.8	9.3	9.5
13	---	---	---	20.1	19.5	19.9	12.1	11.9	12.0	9.7	9.3	9.5
14	---	---	---	19.5	18.9	19.1	12.1	11.7	11.9	10.0	9.4	9.6
15	23.8	23.2	23.5	19.1	18.5	18.8	11.8	11.3	11.5	10.3	9.7	10.0
16	23.2	22.8	23.0	19.2	18.5	18.8	11.7	11.3	11.5	10.2	9.9	10.1
17	23.2	22.7	23.0	19.4	18.8	19.1	11.7	11.3	11.6	10.3	9.9	10.1
18	23.1	22.6	22.8	19.7	19.2	19.5	11.4	10.8	11.1	11.2	10.2	10.6
19	22.7	22.3	22.5	19.9	19.6	19.8	11.0	10.3	10.7	11.2	10.7	10.9
20	22.7	22.2	22.5	19.7	19.2	19.3	10.5	9.7	10.1	11.0	10.3	10.6
21	22.7	22.4	22.5	19.2	18.9	19.1	9.8	9.3	9.6	10.5	9.9	10.3
22	22.5	22.1	22.3	19.0	18.7	18.9	9.6	9.0	9.3	10.3	9.9	10.1
23	22.1	21.4	21.7	18.9	18.6	18.8	9.8	9.1	9.5	10.2	9.7	10.0
24	21.5	21.2	21.4	19.1	18.7	18.9	10.5	9.7	10.0	10.1	9.6	9.9
25	21.3	21.0	21.1	18.8	18.2	18.4	10.4	9.9	10.1	10.2	9.9	10.0
26	21.7	21.1	21.4	18.2	17.8	18.0	10.3	9.8	10.0	10.0	9.7	9.8
27	22.0	21.5	21.7	18.3	17.9	18.1	10.3	9.9	10.1	9.7	9.3	9.4
28	21.9	21.7	21.8	18.4	17.9	18.3	10.4	10.0	10.2	9.3	8.8	9.0
29	21.8	21.4	21.6	17.9	16.4	17.1	10.4	10.2	10.3	9.0	8.6	8.8
30	21.8	21.4	21.6	16.6	15.7	16.0	11.0	10.3	10.6	8.9	8.6	8.7
31	21.8	21.3	21.6	---	---	---	10.9	10.5	10.7	8.9	8.6	8.7
MONTH	---	---	---	23.7	15.7	19.9	15.9	9.0	11.6	12.8	8.6	10.3

Temperature, water, degrees Celsius												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	8.7	8.2	8.5	10.6	10.1	10.3	18.5	17.3	17.7	23.2	22.8	23.0
2	8.4	8.0	8.2	11.6	10.5	11.0	17.7	16.7	17.1	23.4	22.7	23.1
3	8.7	8.2	8.5	12.4	11.3	11.8	17.3	16.3	16.8	23.5	22.8	23.1
4	8.9	8.5	8.7	13.2	11.8	12.5	17.4	16.3	16.9	23.1	22.1	22.5
5	9.1	8.7	8.9	14.5	12.6	13.4	17.3	16.2	16.7	22.9	21.9	22.3
6	10.3	9.1	9.7	15.2	13.4	14.3	17.5	16.3	16.9	23.6	22.1	22.7
7	11.2	10.1	10.6	15.9	13.9	14.8	17.9	16.7	17.2	24.6	22.6	23.4
8	10.7	9.9	10.3	15.5	13.9	14.8	18.3	17.0	17.6	25.3	23.2	24.1
9	10.3	9.7	10.1	14.9	13.4	14.3	18.8	17.4	18.1	25.5	23.7	24.6
10	10.4	9.8	10.1	14.3	13.3	13.9	19.8	17.9	18.8	25.6	24.1	24.8
11	10.6	9.9	10.3	14.3	13.2	13.8	20.6	18.6	19.6	25.4	24.4	25.0
12	10.6	10.1	10.3	14.5	13.4	13.9	21.1	19.4	20.3	25.6	24.5	25.1
13	10.7	10.0	10.3	14.6	13.6	14.1	21.0	20.0	20.7	25.8	24.7	25.3
14	10.7	10.2	10.5	15.3	13.8	14.5	20.8	19.2	19.7	26.1	24.9	25.5
15	10.7	10.1	10.4	16.2	14.4	15.2	19.4	18.2	18.8	26.1	25.2	25.7
16	10.6	10.1	10.4	16.5	15.1	15.8	19.3	18.0	18.8	26.1	25.3	25.7
17	10.3	9.5	9.9	16.6	15.3	16.0	19.6	18.3	19.0	26.2	25.4	25.8
18	9.6	9.1	9.4	16.6	15.3	16.1	20.3	18.9	19.5	26.3	25.7	25.9
19	9.8	9.1	9.5	17.2	15.6	16.4	20.9	19.5	20.1	26.7	25.7	26.1
20	10.3	9.4	9.8	17.7	16.1	16.9	21.3	20.0	20.5	27.1	25.9	26.3
21	11.4	10.0	10.6	18.1	16.5	17.3	21.8	20.4	20.9	27.5	26.2	26.6
22	11.9	10.6	11.2	17.4	16.1	16.8	22.5	20.7	21.4	27.6	26.4	26.8
23	12.1	11.1	11.5	16.5	15.7	16.1	23.0	21.4	22.0	27.7	26.6	27.0
24	12.3	11.3	11.8	16.4	15.7	16.0	23.4	22.0	22.6	28.0	26.8	27.2
25	12.2	11.4	11.8	16.9	15.8	16.3	23.7	22.6	23.1	28.1	27.1	27.5
26	11.4	10.6	11.0	17.4	16.2	16.8	23.7	23.0	23.4	28.1	27.4	27.7
27	10.7	9.6	10.1	18.0	16.8	17.4	23.6	23.2	23.4	28.1	27.5	27.8
28	10.0	9.1	9.6	18.6	17.5	18.0	23.3	22.8	23.0	28.2	27.5	27.8
29	10.2	9.3	9.8	18.9	17.8	18.2	23.0	22.4	22.8	28.4	27.6	27.9
30	---	---	---	18.7	17.9	18.3	23.1	22.6	22.9	28.5	27.6	28.1
31	---	---	---	18.5	17.8	18.2	---	---	---	28.5	27.9	28.2
MONTH	12.3	8.0	10.1	18.9	10.1	15.3	23.7	16.2	19.9	28.5	21.9	25.6

BROAD RIVER BASIN

02176611 BEAUFORT RIVER NEAR PORT ROYAL, SC--Continued

Temperature, water, degrees Celsius
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	28.5	27.6	28.0	29.7	29.2	29.4	---	---	---	29.4	28.5	28.8
2	28.5	27.5	27.9	29.7	29.2	29.4	---	---	---	29.2	28.8	29.0
3	28.8	27.8	28.2	29.7	29.1	29.4	---	---	---	29.0	28.5	28.8
4	28.3	27.6	28.1	30.0	29.2	29.5	---	---	---	28.8	28.4	28.6
5	28.6	27.6	27.9	30.4	29.4	29.8	30.9	30.0	30.3	28.6	28.1	28.4
6	28.4	27.6	28.0	31.3	29.8	30.4	30.6	30.0	30.3	28.1	27.5	27.8
7	28.7	27.7	28.1	31.4	30.3	30.8	30.0	29.2	29.5	27.5	27.2	27.3
8	29.2	28.0	28.4	31.3	30.5	30.9	29.3	28.8	29.0	27.3	27.0	27.2
9	28.8	28.3	28.6	31.2	30.6	30.9	29.1	28.7	28.9	27.7	27.0	27.3
10	28.9	28.2	28.6	31.3	30.8	31.0	29.0	28.6	28.9	27.6	27.4	27.5
11	29.2	28.6	28.9	31.3	30.9	31.1	28.9	28.5	28.7	27.6	27.4	27.5
12	29.5	28.9	29.2	31.0	30.7	30.9	28.6	28.3	28.5	27.4	27.1	27.2
13	29.4	28.9	29.1	31.0	30.5	30.7	28.3	27.7	28.0	27.1	26.5	26.8
14	28.9	28.5	28.7	31.3	30.6	30.9	28.0	27.3	27.7	26.5	26.1	26.2
15	28.6	28.3	28.4	31.4	30.5	30.9	28.0	27.3	27.7	26.2	25.8	26.0
16	28.4	28.1	28.3	30.8	30.0	30.4	27.9	27.4	27.7	26.4	25.8	26.1
17	28.9	28.0	28.3	30.4	29.8	30.2	28.0	27.6	27.8	26.9	26.3	26.5
18	29.2	28.2	28.5	---	---	---	28.8	27.7	28.1	27.0	26.3	26.6
19	29.7	28.5	29.0	---	---	---	29.4	28.2	28.6	26.7	26.1	26.4
20	30.1	29.0	29.4	---	---	---	29.9	28.7	29.2	26.1	24.9	25.4
21	29.7	29.0	29.4	---	---	---	29.6	29.2	29.4	25.0	24.1	24.6
22	29.9	29.0	29.3	31.0	30.0	30.4	29.5	29.0	29.2	24.7	24.1	24.5
23	29.6	29.1	29.3	30.9	30.3	30.5	29.3	29.0	29.2	24.6	24.3	24.5
24	29.8	29.0	29.3	31.1	30.3	30.7	---	---	---	24.6	24.4	24.5
25	29.8	29.2	29.5	31.1	30.5	30.8	---	---	---	24.5	24.2	24.4
26	29.6	29.2	29.4	31.0	30.6	30.8	29.3	28.8	29.1	24.3	24.1	24.2
27	29.6	29.1	29.3	31.1	30.4	30.7	29.0	28.7	28.9	24.7	24.1	24.4
28	29.6	29.2	29.4	31.1	30.4	30.7	28.9	28.4	28.7	25.1	24.4	24.7
29	29.8	29.2	29.5	30.8	30.2	30.5	28.6	27.9	28.2	25.5	24.7	25.1
30	30.1	29.2	29.6	30.6	30.0	30.3	28.7	27.9	28.2	25.9	25.0	25.4
31	---	---	---	---	---	---	29.0	28.2	28.5	---	---	---
MONTH	30.1	27.5	28.8	---	---	---	---	---	---	29.4	24.1	26.4

02176611 BEAUFORT RIVER NEAR PORT ROYAL, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	6.0	5.3	5.6	5.8	5.3	5.5	7.4	7.1	7.2	10.5	9.3	9.9
2	6.2	5.5	5.8	6.1	5.3	5.6	7.6	7.2	7.4	10.5	9.9	10.2
3	6.4	5.6	5.9	6.1	5.2	5.5	7.8	7.4	7.6	10.1	9.1	9.5
4	6.2	5.5	5.8	5.7	5.1	5.4	8.0	7.6	7.8	9.1	8.7	8.9
5	5.9	5.2	5.6	5.6	5.0	5.2	8.0	7.7	7.8	8.8	8.4	8.7
6	5.7	4.9	5.3	5.6	4.9	5.2	8.0	7.7	7.8	9.8	8.4	9.0
7	5.4	4.8	5.1	5.5	4.8	5.1	8.1	7.8	7.9	9.8	8.5	9.1
8	---	---	---	5.1	4.6	4.8	8.2	7.8	8.0	9.1	8.7	8.9
9	---	---	---	5.5	4.6	5.1	8.2	8.0	8.1	9.7	8.9	9.3
10	---	---	---	5.8	5.4	5.6	8.1	7.9	8.0	10.7	9.7	10.3
11	---	---	---	5.8	5.6	5.7	8.3	7.9	8.1	11.8	10.3	11.0
12	---	---	---	5.9	5.6	5.7	8.4	8.0	8.2	11.3	9.8	10.4
13	---	---	---	6.0	5.4	5.7	8.5	8.1	8.3	10.8	9.2	9.9
14	---	---	---	6.0	5.6	5.8	8.6	8.1	8.3	9.5	9.1	9.3
15	5.4	4.8	5.0	6.1	5.7	5.9	8.6	8.1	8.3	9.6	9.2	9.4
16	5.5	5.0	5.2	6.2	5.8	6.0	8.9	8.1	8.6	9.5	9.1	9.4
17	5.7	5.2	5.4	6.1	5.9	6.0	8.4	7.6	7.9	9.4	9.0	9.3
18	5.7	5.3	5.4	6.7	5.8	6.3	7.8	7.3	7.6	9.4	8.9	9.2
19	5.9	5.3	5.5	6.6	6.3	6.4	7.9	7.5	7.7	9.3	8.9	9.1
20	6.0	5.4	5.5	6.7	6.1	6.4	8.0	7.6	7.8	9.2	8.8	9.1
21	6.0	5.3	5.6	6.6	6.1	6.3	8.2	7.7	7.9	9.4	8.8	9.1
22	6.3	5.4	5.7	6.5	6.0	6.2	8.3	7.8	8.1	9.5	8.9	9.1
23	6.3	5.4	5.8	6.3	5.8	6.1	8.4	8.0	8.2	9.6	8.8	9.1
24	6.5	5.4	5.9	6.3	5.8	6.0	8.7	8.1	8.4	9.5	8.8	9.2
25	6.3	5.4	5.7	6.4	6.0	6.2	9.8	8.7	9.3	9.3	8.9	9.2
26	6.2	5.3	5.6	6.8	6.2	6.3	9.5	8.6	9.1	9.5	8.8	9.1
27	5.9	5.2	5.5	6.7	6.2	6.3	8.7	8.3	8.5	9.4	8.8	9.1
28	5.8	5.1	5.4	6.6	6.1	6.4	8.5	8.2	8.4	9.7	9.0	9.3
29	6.1	5.1	5.5	7.0	6.5	6.7	8.6	8.2	8.4	9.8	9.2	9.5
30	5.6	5.2	5.4	7.2	6.8	7.0	8.8	8.3	8.5	10.0	9.4	9.7
31	5.8	5.3	5.5	---	---	---	9.4	8.5	8.9	10.1	9.4	9.8
MONTH	---	---	---	7.2	4.6	5.9	9.8	7.1	8.1	11.8	8.4	9.4

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	10.1	9.5	9.9	---	---	---	7.2	6.6	7.0	6.4	5.8	6.2
2	10.1	9.7	9.9	8.5	7.6	8.3	7.3	6.7	7.1	6.4	5.6	5.9
3	10.1	9.6	9.8	---	---	---	7.3	6.8	7.1	6.5	5.4	5.8
4	10.1	9.6	9.9	---	---	---	7.3	6.8	7.1	6.4	5.5	5.9
5	10.3	9.5	9.9	---	---	---	7.3	6.8	7.1	6.2	5.4	5.8
6	9.8	9.3	9.7	8.4	7.8	8.2	7.2	6.7	7.0	6.2	5.4	5.8
7	9.9	9.3	9.6	8.2	7.7	8.1	7.1	6.6	6.9	6.0	5.1	5.5
8	10.0	9.3	9.7	---	---	---	6.9	6.6	6.8	5.9	4.9	5.4
9	10.0	9.5	9.8	---	---	---	6.9	6.4	6.6	6.0	4.8	5.4
10	9.9	9.5	9.7	---	---	---	6.9	6.4	6.6	6.1	4.9	5.5
11	9.7	8.9	9.4	8.2	7.3	7.9	6.8	6.2	6.5	5.8	5.0	5.5
12	9.4	8.8	9.2	7.6	6.0	6.9	6.8	6.1	6.5	5.9	5.2	5.5
13	9.4	8.8	9.1	7.5	5.9	6.8	6.7	6.0	6.4	5.9	5.2	5.6
14	9.3	8.7	9.1	7.6	5.6	6.7	7.1	6.2	6.7	5.9	5.1	5.5
15	9.5	8.7	9.1	7.7	5.6	6.9	7.4	6.6	7.0	5.8	4.9	5.3
16	9.4	8.7	9.1	---	---	---	7.5	6.9	7.2	5.6	4.6	5.0
17	9.3	8.6	9.0	---	---	---	7.5	6.9	7.2	5.4	4.4	5.0
18	9.2	8.4	8.8	7.8	6.0	7.1	7.5	6.8	7.1	5.6	4.5	5.1
19	9.2	8.5	8.8	7.6	6.2	7.1	7.5	6.5	7.0	5.6	4.7	5.2
20	9.3	8.4	8.8	7.4	6.9	7.1	7.3	6.3	6.9	5.9	4.7	5.2
21	8.9	8.3	8.6	7.2	6.7	7.0	7.2	6.2	6.7	6.2	5.0	5.4
22	8.8	8.2	8.6	7.4	6.7	7.1	7.3	6.3	6.7	6.1	4.9	5.4
23	8.8	8.3	8.6	7.4	6.8	7.2	7.2	6.5	6.9	5.9	5.0	5.4
24	8.6	8.0	8.4	7.6	7.0	7.3	7.3	6.5	6.9	5.9	5.1	5.4
25	8.4	7.7	8.2	---	---	---	7.3	6.6	6.9	5.8	4.8	5.4
26	8.1	7.7	8.0	7.7	6.9	7.3	7.0	6.5	6.7	5.8	4.9	5.3
27	---	---	---	7.7	7.0	7.4	6.8	6.2	6.5	5.6	4.8	5.3
28	7.7	6.9	7.2	7.6	7.0	7.4	7.0	6.1	6.5	5.7	4.9	5.2
29	---	---	---	7.7	6.9	7.4	7.0	6.1	6.6	5.4	4.7	5.0
30	---	---	---	7.6	6.8	7.2	6.9	6.1	6.5	5.8	4.6	5.1
31	---	---	---	7.2	6.6	7.0	---	---	---	5.3	4.6	4.9
MONTH	---	---	---	---	---	---	7.5	6.0	6.8	6.5	4.4	5.4

02176635 BATTERY CREEK AT PORT ROYAL, SC

LOCATION.--Lat 32°22'37'', long 80°42'53'', Beaufort County, Hydrologic Unit 03050208, on SC Highway 802/281 bridge pier near main channel of Battery Creek, approximately 500 feet east of Battery Creek (Parris Island) public boat landing, and 2.3 mi upstream of the Battery Creek and Beaufort River confluence.

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--May 2001 to current year.

GAGE.--Data Collection Platform and acoustic velocity meter. Datum of gage is 9.82 ft below NGVD of 1929.

REMARKS.--Records fair. This site is strongly affected by astronomical tides. The astronomical tides occur at primary harmonic periods of 12.42 hours for semi-diurnal tides and 24.84 hours for diurnal tides. Computed 24-hour daily mean discharge for this site may be affected by aliasing due to tides and, thus, may contain spurious fluctuations or oscillations that are not indicative of net downstream discharge.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 57,800 ft³/s, June 3, 2004, maximum gage height, 16.83 ft, Sep. 16, 2001; minimum discharge, -54,600 ft³/s, Apr. 17, 2003, minimum gage height, 4.09 ft, Nov. 6, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 57,800 ft³/s, June 3, maximum gage height, 16.09 ft, Sep. 27; minimum discharge, -52,000 ft³/s, June 2, minimum gage height, 4.39 ft, Mar. 8.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	46600	-41600	40800	-39000	30900	-29800	28900	-30800	33700	-33000	25700	-26500
2	40700	-40900	37700	-38200	31600	-30100	32700	-32700	34600	-32800	29500	-30100
3	39900	-39400	42700	-37500	32200	-34100	34100	-33300	37300	-33300	31700	-31000
4	40300	-39000	44200	-39000	38400	-36900	35500	-32900	37400	-36200	35300	-33200
5	37400	-36400	43000	-37900	38400	-37900	36900	-35000	43900	-39100	38700	-39500
6	39500	-38400	41200	-40700	36600	-33300	34100	-33400	44400	-42700	41700	-40800
7	43100	-38400	43100	-40100	38900	-37500	36400	-34200	40200	-35900	43400	-40500
8	43900	-39900	44700	-40500	39900	-38500	40100	-39300	40600	-36000	45200	-45100
9	44600	-39500	38400	-37000	38700	-35900	38300	-39900	47100	-38200	48200	-45100
10	41900	-42500	40600	-38100	40000	-40700	41500	-39500	40200	-36000	46200	-40800
11	43000	-40800	42000	-40400	32900	-36000	43700	-38600	38500	-33100	45800	-40300
12	39400	-39900	33800	-35200	40000	-35600	36000	-34300	39100	-34000	39300	-35300
13	39300	-38700	29400	-26400	40100	-35600	37500	-34700	38200	-34100	37800	-34400
14	37500	-35400	32500	-30300	45000	-37000	40800	-36400	42800	-38700	42200	-35600
15	33600	-28100	31800	-29500	37400	-34600	36200	-32100	44700	-36900	38300	-37900
16	35600	-30200	33100	-29400	37000	-36000	38600	-32700	45100	-43300	37500	-38700
17	34900	-31700	32200	-30300	32600	-29000	38900	-36600	44300	-42700	40000	-36700
18	32900	-28500	35900	-33200	32900	-33600	46300	-42800	48100	-46300	45300	-42300
19	32300	-31400	31600	-35300	33400	-35100	45200	-41400	46500	-45400	45500	-44100
20	35500	-35300	39700	-40400	40300	-36800	48000	-47100	47000	-47700	50100	-46200
21	36500	-37900	44800	-42700	47800	-42900	49000	-46900	45000	-41700	46100	-41600
22	42600	-39400	47100	-46100	51900	-46900	46200	-44900	45400	-40700	43800	-39800
23	46800	-45600	53600	-48600	52100	-50300	41700	-42900	43900	-40700	41300	-39100
24	47700	-46400	52700	-49600	51100	-47500	43600	-38000	42100	-39100	37700	-37900
25	50800	-48100	51100	-47600	48800	-42000	42300	-41300	38900	-33000	39500	-34000
26	52400	-47300	51000	-48900	43700	-41600	42900	-38900	40100	-32500	34300	-28800
27	50800	-46600	49400	-45400	45400	-38300	37000	-32000	35500	-30300	29800	-25000
28	50200	-45300	43400	-42400	43500	-36400	32400	-25200	28700	-29200	26400	-29100
29	48400	-43300	37200	-33900	39300	-34900	29000	-24400	30700	-28500	29400	-29100
30	45300	-41100	35700	-33200	30900	-30100	26100	-26600	---	---	29600	-30600
31	43000	-39600	---	---	32400	-29600	26000	-25900	---	---	33700	-31700
MONTH	52400	-48100	53600	-49600	52100	-50300	49000	-47100	48100	-47700	50100	-46200

BROAD RIVER BASIN

02176635 BATTERY CREEK AT PORT ROYAL, SC--Continued

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	31800	-29000	39200	-34500	50300	-46800	51800	-49200	53000	-48700	45700	-41100
2	36500	-33600	47200	-40400	53200	-52000	51900	-49100	53000	-48600	43200	-36400
3	42000	-39900	48000	-43900	57800	-49500	52400	-49700	50800	-43300	42400	-38600
4	47000	-41600	51200	-46800	54400	-50000	51500	-47900	45600	-41200	40800	-33100
5	51200	-44000	53500	-49900	53300	-48100	50100	-44600	40700	-38500	35600	-31700
6	47000	-47000	53100	-49700	50200	-45700	47900	-41700	39700	-35500	36900	-33400
7	51000	-44900	51000	-44800	48900	-40300	45900	-39700	41700	-36500	29200	-33300
8	48500	-45800	50600	-44700	44100	-38700	41700	-42300	35300	-31300	30100	-33500
9	44800	-41400	45800	-41200	41700	-38700	39400	-36400	33800	-29100	31500	-28800
10	43500	-39700	41500	-38900	41100	-36700	37200	-37000	32600	-30800	34500	-31500
11	41500	-37700	38900	-38900	39900	-37500	34400	-35900	30600	-27900	37800	-35800
12	46900	-37700	37300	-35400	42300	-39300	35300	-34000	32600	-29200	42700	-41000
13	39200	-39800	39200	-35400	44200	-40800	37900	-35500	34700	-31700	47500	-41400
14	---	---	39200	-37600	38400	-39200	37400	-34100	37100	-31600	47100	-43200
15	---	---	40300	-39600	42300	-38100	32900	-32100	41600	-37100	46300	-43600
16	---	---	41400	-39200	40200	-36900	38800	-41500	41400	-38900	45400	-44100
17	---	---	41400	-40400	38300	-35200	39400	-38300	41300	-37800	45200	-41600
18	---	---	40300	-39000	37800	-36100	35000	-33800	41100	-37200	41300	-35600
19	---	---	40700	-38000	37800	-38700	40200	-39300	41400	-37600	41000	-35100
20	---	---	38100	-35200	39400	-38300	40200	-37400	40400	-32100	43200	-36100
21	---	---	36300	-33600	38000	-36700	39500	-36300	37800	-29500	43500	-40300
22	---	---	36000	-33100	40200	-32400	39800	-34400	36800	-31400	42800	-39000
23	36800	-29500	33900	-29800	34100	-37400	36400	-33600	41400	-32600	39000	-37200
24	30700	-28500	34200	-28500	30600	-29300	36800	-30700	41800	-36600	41900	-38300
25	31300	-27300	33700	-28800	29800	-32200	38200	-32600	42900	-39300	47600	-41500
26	28200	-25500	29700	-25000	32200	-29900	39900	-35500	47200	-40300	52300	-46800
27	27800	-25200	29400	-25200	41700	-37400	43500	-38800	49000	-43400	53100	-50400
28	25200	-22700	32800	-28300	40000	-37500	46600	-43100	52300	-45300	45100	-40900
29	30000	-28500	39300	-34700	46700	-44300	47600	-44100	50100	-46900	42800	-43300
30	33300	-30900	44000	-40200	51600	-46300	50000	-48100	46200	-44900	41700	-42500
31	---	---	48800	-42700	---	---	52500	-50100	47600	-40600	---	---
MONTH	---	---	53500	-49900	57800	-52000	52500	-50100	53000	-48700	53100	-50400

02176635 BATTERY CREEK AT PORT ROYAL, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--October 1998 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1998 to current year.

WATER TEMPERATURE: October 1998 to current year.

DISSOLVED OXYGEN: October 1998 to current year.

INSTRUMENTATION.--Hydrolab and data collection platform.

REMARKS.--Specific conductance records rated excellent except for Dec. 1-16, Apr. 15-22, July 14-21, which are good. Temperature records rated excellent. Dissolved oxygen records rated good except for Nov. 18 to Dec. 1, Feb. 11 to Mar. 19, Apr. 1-22, May 19 to June 2, June 23 to July 7, Aug. 5-11, which are fair, and Oct. 1-7, Oct. 21 to Nov. 18, Jan. 16 to Feb. 11, Apr. 22 to June 2, June 16-23, July 7-21, which are poor. Prior to October 1, 2003 dissolved oxygen concentrations are not corrected for salinity.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 54,800 microsiemens, May 22, 23, June 5-7, 9, 2002; minimum, 29,000 microsiemens Jun. 29, 1999.

WATER TEMPERATURE: Maximum, 34.5°C, Aug. 1, 1999; minimum, 5.0°C, Jan. 4, 5, 2001.

DISSOLVED OXYGEN: Maximum, 13.7 mg/L, Jan. 3, 4, 2001; minimum, 1.7 mg/L, Aug. 17, 1999.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 51,300 microsiemens, Aug. 7, 28, 29; minimum, 43,400 microsiemens Oct. 29.

WATER TEMPERATURE: Maximum, 33.0°C, July 7; minimum, 7.5°C, Feb. 2.

DISSOLVED OXYGEN: Maximum, 10.4 mg/L, Dec. 18; minimum, 2.0 mg/L, July 12.

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	46600	44500	45000	46100	44400	45100	48400	47400	47900	47500	47100	47300
2	46500	44700	45100	46200	44500	45200	48000	47500	47700	47600	47100	47300
3	46600	44700	45300	46200	44700	45300	48000	47600	47800	47600	47000	47300
4	46500	44800	45300	46000	44200	44900	48000	46800	47400	47600	46900	47200
5	46400	44700	45300	45500	44200	44700	47600	46700	47100	47600	46800	47100
6	46500	44800	45300	45600	44300	44800	47300	46400	46900	47500	46700	47100
7	46300	44500	45200	45700	44300	44900	47400	46600	46900	47700	47000	47300
8	46100	44500	45000	45900	44400	44900	47600	46400	46900	47900	47300	47500
9	46000	44500	45100	45700	44600	44900	---	---	---	47700	47300	47500
10	46100	44600	45100	45700	44600	44900	---	---	---	47800	47200	47400
11	---	---	---	45700	44600	44900	---	---	---	47900	47400	47600
12	---	---	---	45600	44500	44900	46900	45100	46100	47900	47400	47600
13	---	---	---	45300	44600	44900	46700	45200	46100	48000	47400	47600
14	---	---	---	45900	44800	45100	46400	45000	45800	48000	47300	47700
15	48000	45600	46400	45900	44900	45200	46200	45100	45600	47900	47300	47600
16	---	---	---	45900	44800	45200	46200	45200	45600	---	---	---
17	---	---	---	45800	44900	45300	46100	45400	45600	47300	46700	47000
18	---	---	---	47200	44900	45900	---	---	---	47400	46500	46900
19	---	---	---	47300	45800	46500	46500	45600	46000	47300	46500	46900
20	47100	45700	46400	47600	46000	46700	46800	45800	46300	47400	46700	47100
21	47200	45600	46200	47800	46300	46900	47100	46100	46500	47600	46900	47200
22	46900	45600	46000	47900	46400	47000	47200	46000	46600	47600	47000	47200
23	47100	45700	46300	48000	46600	47100	47200	46200	46600	47500	47100	47300
24	47100	45900	46300	48100	46700	47200	47200	46100	46500	47600	47100	47300
25	47200	45900	46400	48100	46900	47400	47200	46200	46600	47600	47200	47300
26	47300	46000	46400	48400	47200	47500	47200	46400	46700	47600	46700	47300
27	47400	46100	46500	48400	47200	47500	47200	46400	46700	47300	46200	46700
28	47400	45300	46300	48300	47000	47500	47100	46500	46700	47100	46300	46700
29	46200	43400	44900	48200	47300	47600	47600	46600	47000	47200	46300	46800
30	46400	44000	45000	48400	47700	48000	47500	46900	47200	47300	46400	46800
31	46200	44000	45000	---	---	---	47500	47000	47200	47400	46500	46900
MONTH	---	---	---	48400	44200	45900	---	---	---	---	---	---

BROAD RIVER BASIN

02176635 BATTERY CREEK AT PORT ROYAL, SC--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	47500	46700	47100	45800	45100	45600	47000	46000	46600	50100	48800	49600
2	47500	46700	47200	45700	44800	45300	47200	46200	46800	49100	48100	48800
3	47400	46400	46900	46800	44700	46000	47400	46400	47000	48500	47800	48300
4	47400	46400	46800	47500	46000	46600	47400	46600	47100	---	---	---
5	47500	46400	46800	47400	45600	46400	47500	46700	47200	---	---	---
6	47400	46100	46600	47600	46200	46600	47500	46800	47200	48700	48300	48600
7	46800	45600	46200	47500	46000	46600	47500	46500	47200	48600	48200	48500
8	47100	45800	46400	47700	46200	46800	47400	46800	47100	48700	48200	48400
9	47200	46100	46600	47800	46500	47100	47400	46700	47000	48700	48200	48400
10	47100	46200	46600	47700	46500	47100	47300	46600	46900	48600	48400	48500
11	47900	46200	47000	47800	46900	47200	47200	46600	46800	48700	48200	48500
12	47900	46400	47100	47700	47000	47200	47100	45700	46200	48800	48300	48500
13	47700	46300	46900	47700	47000	47300	46600	45400	45900	48800	48400	48600
14	47600	45700	46600	47800	47000	47200	46600	45500	46100	48900	48400	48700
15	47500	45400	46400	47600	46800	47100	47300	46100	46700	49100	48500	48800
16	47500	45600	46400	47600	46700	47000	47700	46700	47200	49100	48300	48700
17	47500	45700	46500	47600	46700	47000	48100	47200	47600	49000	48400	48700
18	47600	45900	46500	47800	46700	47200	48400	47600	48000	49000	48100	48600
19	47700	46000	46600	47800	46300	46900	48800	48000	48300	49100	48500	48800
20	47700	46000	46600	47400	46300	46800	49200	48400	48700	49300	48700	49000
21	47400	45900	46500	47200	46400	46700	49500	48800	49100	49400	48800	49100
22	47500	46000	46600	47300	46600	46900	49800	49200	49400	49500	48800	49100
23	47300	46200	46600	47400	46700	47100	49700	49300	49500	49500	49000	49200
24	47100	46200	46600	47300	46700	47100	49600	48700	49500	49600	48900	49200
25	47100	46300	46600	47200	46500	46900	49600	49300	49500	49700	48900	49300
26	47200	46000	46400	47100	46400	46800	49600	49400	49500	49800	48900	49400
27	46600	45800	46200	47000	46400	46700	49400	49000	49300	50000	49100	49500
28	46600	45700	46100	46900	46500	46700	49600	49300	49500	50200	49100	49700
29	46300	45400	45800	47100	46500	46800	50000	49100	49700	50400	48800	49600
30	---	---	---	47100	46300	46700	50100	49300	49900	50100	48700	49400
31	---	---	---	47100	46000	46600	---	---	---	50300	48600	49500
MONTH	47900	45400	46600	47800	44700	46800	50100	45400	47900	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	50300	48500	49600	49900	48800	49200	50600	48600	49300	51100	49000	49900
2	50400	48300	49400	50000	49000	49400	---	---	---	50600	48600	49500
3	50100	48400	49400	50000	49000	49400	---	---	---	50700	48800	49500
4	50200	48500	49500	50100	49000	49500	---	---	---	50600	49000	49600
5	50200	48600	49500	50200	49200	49500	51000	48300	49600	50600	49300	49800
6	50000	48800	49400	50100	49000	49500	51200	49400	50200	50300	48400	49600
7	49900	48800	49400	50300	49400	49700	51300	49900	50400	50000	48100	49000
8	49800	48900	49300	50700	49500	50000	51100	50100	50500	50300	48100	48900
9	49800	49000	49400	50800	49600	50100	51100	50000	50600	49900	48000	48800
10	49800	48200	49300	50600	49700	50200	51100	50400	50600	49900	47900	48800
11	49200	47300	48500	50500	49600	50100	50800	49800	50400	50300	48000	49000
12	49100	47900	48600	50200	49400	49800	50700	48300	50000	50700	48100	49100
13	49500	48000	48800	50300	49400	49800	49500	48100	48900	50400	48400	49200
14	49000	48000	48500	49900	49200	49500	49400	48100	48700	50200	48300	49100
15	48800	47700	48200	50200	49400	49800	49400	46200	48100	49900	48300	49000
16	48100	47800	48000	50700	50000	50300	49400	46300	47800	49900	48300	48900
17	48100	47700	47900	51100	50400	50700	49500	46100	47800	49800	48000	48900
18	48200	47600	48000	51100	49300	50400	49900	46900	48100	50000	48100	49000
19	48200	47600	47800	51100	49400	50000	49900	47500	48500	50000	48600	49200
20	48100	47200	47700	50800	48500	49800	49800	47700	48600	50300	49200	49600
21	48300	47300	47800	50400	48300	49300	49900	47800	48700	50400	49400	49800
22	48400	47400	47900	50400	49300	49800	50000	47700	48700	50300	49500	49800
23	48400	47700	47900	50500	49500	49900	49900	46200	48100	50100	49400	49700
24	48200	47600	47900	50500	49700	50000	48900	46000	47500	50200	49400	49700
25	48300	47800	48000	50500	48900	49600	50400	45800	47900	50200	49500	49800
26	48800	48000	48300	50200	49000	49300	50600	47600	48900	50200	48900	49800
27	49200	48200	48600	50200	48700	49300	51000	47900	49100	49700	48100	48900
28	49200	48200	48600	50500	49000	49500	51300	48200	49400	49200	47800	48500
29	49400	48200	48700	50700	49100	49800	51300	48400	49500	49200	47900	48500
30	49800	48500	49000	---	---	---	51200	48700	49800	48900	47900	48300
31	---	---	---	---	---	---	51100	48800	49800	---	---	---
MONTH	50400	47200	48600	---	---	---	---	---	---	51100	47800	49200

02176635 BATTERY CREEK AT PORT ROYAL, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	24.7	23.4	24.2	21.9	21.1	21.6	15.8	13.9	14.9	11.3	10.6	10.9			
2	24.5	23.5	24.0	21.9	21.0	21.6	15.3	13.4	14.3	11.2	10.6	10.8			
3	23.9	22.1	23.1	21.7	21.2	21.6	14.4	12.7	13.6	11.8	10.8	11.1			
4	23.4	22.1	23.0	22.6	21.6	21.9	13.7	12.3	13.1	12.8	11.1	11.7			
5	23.7	22.8	23.4	23.3	22.1	22.6	13.4	12.2	12.8	13.8	11.8	12.6			
6	23.8	23.3	23.5	23.9	22.6	23.2	12.9	11.5	12.3	14.0	12.4	13.0			
7	23.6	23.2	23.4	24.7	23.0	23.7	12.4	11.3	11.8	12.8	11.1	11.8			
8	23.8	23.2	23.4	24.2	22.8	23.5	12.1	11.1	11.6	11.2	10.9	11.0			
9	23.9	23.3	23.4	22.8	20.8	21.8	12.1	11.2	11.7	11.0	10.6	10.8			
10	23.8	23.2	23.5	20.8	19.3	19.8	12.7	11.8	12.3	10.6	10.0	10.2			
11	23.6	23.3	23.4	19.9	18.5	19.4	12.5	12.0	12.2	10.0	9.0	9.4			
12	24.0	23.1	23.4	20.3	19.1	19.8	12.2	11.6	11.9	9.6	8.6	9.2			
13	24.3	23.2	23.6	20.3	19.6	20.0	12.1	11.7	11.9	9.9	8.9	9.5			
14	24.9	23.6	24.0	19.6	18.7	19.1	12.1	11.6	11.9	10.4	9.2	9.8			
15	24.1	23.3	23.7	19.1	17.9	18.7	11.7	10.7	11.3	11.0	10.0	10.3			
16	23.5	22.7	23.2	19.3	18.0	18.8	11.8	10.9	11.4	10.6	10.0	10.2			
17	23.5	22.6	23.1	19.9	18.6	19.3	11.8	11.2	11.6	10.5	9.9	10.1			
18	23.2	22.6	22.9	20.4	19.3	19.7	11.3	10.1	10.8	11.9	10.2	10.8			
19	22.9	21.8	22.5	20.3	19.8	20.0	10.8	9.6	10.2	12.0	10.8	11.2			
20	22.7	21.7	22.4	19.9	18.8	19.2	10.2	8.4	9.4	11.2	10.1	10.5			
21	22.6	21.8	22.4	19.1	18.4	18.8	9.5	8.1	8.8	10.3	9.7	10.0			
22	22.3	21.5	22.0	18.9	18.3	18.6	9.3	8.1	8.7	10.4	9.7	10.0			
23	21.8	20.8	21.3	18.9	18.3	18.6	9.7	8.6	9.3	10.1	9.7	9.9			
24	21.5	20.7	21.1	19.3	18.6	18.9	11.1	9.7	10.3	10.4	9.3	9.8			
25	21.3	20.7	21.0	18.8	18.0	18.3	10.6	10.0	10.3	10.4	9.9	10.1			
26	22.3	21.1	21.6	18.1	17.4	17.8	10.6	9.8	10.1	10.0	9.6	9.8			
27	22.5	21.7	22.0	18.6	17.5	18.1	10.6	9.8	10.2	9.7	9.0	9.3			
28	22.2	21.7	22.0	18.7	18.0	18.4	10.8	9.8	10.3	9.3	8.1	8.7			
29	22.2	21.3	21.7	18.1	15.7	16.7	10.7	10.2	10.4	8.9	7.9	8.5			
30	22.1	21.3	21.7	16.4	14.6	15.4	11.6	10.5	10.9	8.8	8.1	8.5			
31	22.0	21.1	21.6	---	---	---	11.5	10.7	11.0	8.9	8.2	8.6			
MONTH	24.9	20.7	22.8	24.7	14.6	19.8	15.8	8.1	11.3	14.0	7.9	10.3			

DAY	MAX	MIN	MEAN	Temperature, water, degrees Celsius			MAX	MIN	MEAN	MAX	MIN	MEAN
				MAX	MIN	MEAN						
FEBRUARY												
1	8.8	7.9	8.3	12.1	10.2	10.8	18.7	17.3	17.7	23.4	22.9	23.1
2	8.3	7.5	8.0	13.4	10.7	11.7	17.4	16.4	16.9	23.6	22.7	23.2
3	9.0	8.2	8.5	14.3	11.5	12.7	17.2	16.4	16.7	23.6	22.6	23.1
4	9.0	8.4	8.7	15.3	12.1	13.5	17.5	16.4	16.9	23.0	21.8	22.3
5	9.5	8.6	9.0	16.2	12.9	14.5	17.7	16.2	16.8	23.3	21.7	22.3
6	11.5	9.3	10.2	17.2	13.8	15.5	18.1	16.4	17.1	24.5	22.1	23.0
7	12.4	10.4	11.3	17.6	14.3	15.9	18.9	17.0	17.7	25.8	23.0	24.0
8	11.4	9.9	10.7	16.8	14.3	15.7	19.5	17.5	18.3	27.0	23.7	24.8
9	10.6	9.8	10.2	15.6	13.7	14.8	20.5	17.9	18.9	27.0	24.2	25.3
10	10.9	10.0	10.4	14.9	13.6	14.3	21.9	18.3	19.7	26.9	24.3	25.4
11	11.4	10.2	10.8	15.3	13.6	14.2	22.5	19.0	20.7	26.1	24.6	25.4
12	11.1	10.4	10.7	15.8	13.7	14.5	22.8	19.8	21.3	26.3	24.7	25.5
13	11.6	10.3	10.7	16.1	13.9	14.8	22.3	20.2	21.4	26.5	24.9	25.7
14	11.2	10.5	10.8	16.8	14.1	15.2	21.9	19.4	20.0	26.6	25.2	25.9
15	11.3	10.3	10.8	17.8	14.8	16.1	19.4	18.2	18.7	26.6	25.5	26.0
16	11.2	10.3	10.6	17.9	15.4	16.7	19.3	18.1	18.8	26.2	25.5	25.8
17	10.5	9.3	9.9	17.9	15.7	16.7	19.8	18.4	19.2	26.4	25.4	25.9
18	9.7	9.0	9.3	17.4	15.6	16.6	20.9	19.0	19.8	26.6	25.7	26.1
19	10.1	9.2	9.6	18.0	15.9	16.9	21.7	19.6	20.5	27.1	25.8	26.3
20	11.1	9.6	10.2	18.2	16.4	17.3	22.2	20.1	20.9	27.8	26.0	26.7
21	12.7	10.4	11.3	19.2	16.9	17.8	22.8	20.6	21.4	28.5	26.4	27.1
22	13.1	11.0	11.9	17.7	16.4	17.0	23.8	21.1	22.0	28.8	26.6	27.4
23	13.2	11.4	12.2	16.9	15.7	16.2	24.8	21.7	22.8	29.4	26.9	27.7
24	13.3	11.8	12.5	17.2	15.6	16.2	25.7	22.3	23.6	29.9	27.0	28.0
25	13.0	11.7	12.3	18.1	16.0	16.8	26.1	22.7	24.0	30.6	27.2	28.2
26	11.7	10.3	10.9	19.2	16.5	17.5	25.6	23.0	24.1	29.8	27.4	28.4
27	10.7	9.1	9.8	20.4	17.1	18.3	25.1	23.3	24.0	29.5	27.6	28.4
28	10.2	8.3	9.5	20.9	17.6	18.9	24.1	22.8	23.3	29.4	27.7	28.4
29	11.3	9.2	10.0	20.2	17.9	18.8	23.7	22.5	23.0	29.0	27.9	28.4
30	---	---	---	19.2	18.0	18.6	23.4	22.6	23.0	29.0	27.8	28.4
31	---	---	---	18.9	17.9	18.4	---	---	---	29.0	28.1	28.4
MONTH	13.3	7.5	10.3	20.9	10.2	15.9	26.1	16.2	20.3	30.6	21.7	26.0

02176635 BATTERY CREEK AT PORT ROYAL, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	6.0	5.0	5.4	6.1	5.3	5.6	7.7	7.0	7.3	8.9	8.2	8.6
2	6.0	5.1	5.5	6.0	5.3	5.6	7.7	7.2	7.5	8.9	8.2	8.5
3	5.9	5.2	5.6	5.9	5.1	5.5	7.8	7.3	7.6	8.8	8.0	8.4
4	5.7	4.9	5.4	5.6	4.9	5.3	7.9	7.6	7.7	8.6	7.8	8.3
5	5.6	4.7	5.2	5.4	4.7	5.1	7.8	7.5	7.6	8.5	7.6	8.1
6	5.4	4.4	4.9	5.3	4.6	4.9	7.9	7.5	7.7	8.4	7.4	7.9
7	5.1	4.0	4.6	5.3	4.4	4.9	8.1	7.5	7.8	8.5	7.4	8.0
8	5.0	3.8	4.4	5.2	4.2	4.7	8.1	7.6	7.9	8.5	7.8	8.2
9	4.8	3.8	4.4	5.9	4.4	5.2	---	---	---	8.5	8.0	8.2
10	4.8	3.7	4.4	6.5	5.5	6.0	---	---	---	8.7	7.8	8.3
11	---	---	---	6.8	6.0	6.3	---	---	---	9.0	8.2	8.6
12	---	---	---	7.0	5.9	6.3	8.5	7.9	8.2	9.4	8.5	8.8
13	---	---	---	7.1	6.1	6.5	8.6	8.0	8.3	9.3	8.6	8.9
14	---	---	---	7.4	6.0	6.6	8.4	8.0	8.2	9.3	8.6	8.9
15	---	---	---	7.4	6.3	6.8	8.7	7.8	8.2	9.3	8.5	8.9
16	---	---	---	7.5	6.5	6.8	9.0	8.1	8.5	10.2	8.6	9.0
17	---	---	---	7.3	6.4	6.7	9.0	8.3	8.7	9.0	8.4	8.7
18	---	---	---	6.9	6.3	6.5	10.4	8.5	9.2	8.8	8.2	8.5
19	---	---	---	6.4	5.8	6.1	9.1	8.6	8.8	8.6	8.0	8.3
20	---	---	---	6.4	5.6	6.0	9.1	8.7	8.9	8.6	7.9	8.2
21	---	---	---	6.3	5.5	5.9	9.3	8.7	9.0	8.6	7.9	8.4
22	5.6	4.7	5.0	6.3	5.3	5.8	9.3	8.7	9.0	8.7	8.1	8.5
23	5.8	4.6	5.1	6.3	5.5	5.9	9.2	8.6	8.9	8.8	8.2	8.5
24	5.7	4.7	5.2	6.4	5.5	5.9	9.0	8.5	8.8	9.0	8.3	8.7
25	5.7	4.9	5.3	6.6	5.8	6.2	9.1	8.4	8.7	8.9	8.4	8.7
26	5.6	4.9	5.3	6.7	6.0	6.4	9.2	8.5	8.8	8.8	8.3	8.6
27	5.4	4.7	5.1	7.0	6.1	6.5	9.3	8.6	8.9	9.0	8.4	8.7
28	5.3	4.6	4.9	6.8	6.2	6.5	9.3	8.6	8.9	9.3	8.6	9.0
29	5.7	4.6	5.1	7.4	6.5	6.9	9.0	8.6	8.7	9.6	8.8	9.1
30	5.9	4.9	5.3	7.6	6.8	7.2	8.8	8.3	8.5	9.6	9.0	9.2
31	6.1	5.2	5.6	---	---	---	8.8	8.2	8.6	9.6	8.9	9.3
MONTH	---	---	---	7.6	4.2	6.0	---	---	---	10.2	7.4	8.6

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	9.5	9.2	9.3	9.5	8.7	9.2	7.3	6.3	6.8	5.8	4.3	5.3
2	9.5	9.0	9.3	9.4	8.2	9.0	7.4	6.5	7.1	5.9	4.0	5.1
3	9.5	9.0	9.3	9.1	8.1	8.7	7.4	6.6	7.1	5.8	4.1	5.1
4	9.5	9.0	9.3	9.1	7.6	8.4	7.5	6.5	7.2	6.1	4.1	5.4
5	9.4	9.0	9.3	8.7	7.4	8.2	7.5	6.5	7.2	6.3	4.7	5.6
6	9.4	8.8	9.1	8.3	7.0	7.8	7.6	6.5	7.1	6.2	4.8	5.5
7	9.1	8.6	8.9	8.1	6.4	7.5	7.6	6.3	7.0	6.0	4.7	5.3
8	9.2	8.6	9.0	8.0	6.4	7.6	7.3	6.2	6.8	6.0	4.4	5.2
9	9.3	8.7	9.1	---	---	---	7.3	6.1	6.7	6.2	4.4	5.2
10	9.3	8.6	9.1	---	---	---	7.5	6.0	6.8	6.0	4.1	5.2
11	9.2	8.4	8.9	---	---	---	7.2	6.0	6.6	5.4	3.5	4.9
12	9.0	8.2	8.7	---	---	---	7.0	5.8	6.5	5.5	3.7	4.8
13	9.4	8.0	8.8	8.4	7.4	7.9	6.8	5.5	6.3	5.6	3.6	4.9
14	9.0	7.9	8.7	8.3	7.3	7.9	7.0	6.1	6.5	5.5	3.8	5.0
15	9.0	8.1	8.7	8.0	7.1	7.7	6.9	6.1	6.6	5.4	3.2	4.8
16	9.1	8.4	8.8	7.7	5.9	7.2	6.7	6.0	6.5	5.3	3.8	4.6
17	9.1	8.5	8.9	7.6	6.0	7.0	6.9	6.0	6.5	5.5	3.7	4.7
18	9.4	8.6	9.1	7.5	6.2	7.1	6.9	6.0	6.5	5.8	3.7	4.8
19	9.5	8.7	9.2	7.6	6.1	7.1	6.8	5.6	6.4	5.5	3.6	4.7
20	9.4	8.7	9.1	7.5	6.2	7.1	6.7	5.6	6.2	5.5	3.4	4.6
21	9.1	8.5	8.9	7.4	6.3	7.1	6.5	5.3	6.0	5.9	3.6	4.9
22	9.1	8.4	8.8	7.7	6.1	7.2	6.9	5.3	6.1	5.8	3.7	5.0
23	9.1	8.2	8.7	8.0	6.6	7.4	6.8	5.1	6.2	5.6	3.3	4.8
24	8.8	7.9	8.5	8.2	7.0	7.6	6.9	5.1	6.2	5.6	3.9	4.8
25	8.6	7.7	8.3	8.3	7.0	7.6	6.7	4.6	5.9	5.9	3.5	4.8
26	8.9	8.1	8.5	8.1	7.0	7.6	6.3	4.7	5.7	5.9	3.2	4.8
27	9.0	7.9	8.6	8.1	6.8	7.5	6.0	4.2	5.4	5.7	2.7	4.7
28	9.6	8.2	8.9	7.7	6.5	7.3	6.4	4.5	5.6	5.7	3.1	4.7
29	9.8	8.6	9.2	7.7	6.2	7.2	6.4	4.9	5.7	5.4	3.4	4.7
30	---	---	---	7.3	6.2	6.9	6.1	4.5	5.6	5.1	3.5	4.4
31	---	---	---	7.1	5.8	6.6	---	---	---	5.0	3.5	4.3
MONTH	9.8	7.7	8.9	---	---	---	7.6	4.2	6.4	6.3	2.7	4.9

BROAD RIVER BASIN

02176635 BATTERY CREEK AT PORT ROYAL, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	5.2	3.1	4.2	5.3	3.4	4.0	4.8	2.9	4.0	5.8	4.3	5.2
2	5.3	3.5	4.3	5.2	3.1	3.9	5.1	3.2	4.2	5.3	4.0	4.4
3	5.4	3.6	4.5	5.1	2.8	3.9	5.0	3.2	4.2	5.2	3.7	4.4
4	5.4	4.0	4.6	5.2	3.3	4.2	5.0	3.2	4.3	5.8	3.8	4.8
5	5.7	4.1	4.8	5.7	3.3	4.6	5.3	3.4	4.2	5.2	4.2	4.8
6	5.4	4.3	4.8	6.2	3.8	4.8	5.7	3.8	4.5	5.0	4.1	4.7
7	6.1	3.8	4.8	6.2	3.9	4.9	6.3	4.3	5.0	5.2	3.9	4.7
8	6.3	4.0	4.9	6.2	3.7	5.0	6.2	4.7	5.3	5.3	4.2	4.9
9	5.5	3.9	4.8	6.3	4.1	5.0	5.9	4.9	5.4	5.2	3.9	4.7
10	5.5	3.7	4.6	5.7	3.7	4.8	6.0	4.6	5.3	4.7	3.3	4.2
11	5.1	3.8	4.6	5.1	2.5	4.2	5.5	3.9	4.9	4.6	3.1	3.9
12	5.2	3.8	4.6	4.2	2.0	3.5	5.3	3.8	4.5	4.7	3.0	3.9
13	5.0	3.6	4.4	4.4	2.3	3.6	4.8	3.4	4.1	4.7	3.3	4.0
14	5.3	3.9	4.6	4.9	3.0	4.0	4.7	3.2	4.1	4.9	3.5	4.3
15	5.2	4.2	4.7	4.9	3.4	4.2	4.8	3.4	4.0	4.8	3.7	4.4
16	4.7	4.1	4.5	5.6	3.4	4.4	4.9	3.1	3.7	5.1	3.9	4.6
17	5.0	3.7	4.1	5.5	3.6	4.5	4.5	2.8	3.6	5.8	4.4	5.1
18	5.3	3.2	4.0	5.1	3.5	4.4	4.8	2.9	3.8	6.1	4.8	5.3
19	5.0	3.2	4.1	5.5	3.0	4.5	4.9	3.3	4.1	6.2	4.8	5.4
20	4.6	3.1	3.8	5.3	3.2	4.6	5.3	3.7	4.5	6.1	5.1	5.5
21	4.3	2.8	3.7	5.0	3.4	4.6	5.2	4.0	4.7	6.5	4.9	5.7
22	5.4	3.4	4.4	5.2	3.2	4.4	5.7	4.2	4.9	6.4	4.9	5.8
23	5.1	3.8	4.4	5.0	3.1	4.4	5.6	4.4	4.9	6.0	4.9	5.6
24	5.4	3.7	4.4	5.0	3.3	4.4	5.9	3.9	4.9	6.0	4.8	5.5
25	5.3	3.9	4.5	4.9	3.3	4.3	5.6	4.1	4.9	5.9	4.7	5.4
26	5.3	3.8	4.6	4.6	3.1	4.0	5.4	3.7	4.4	5.9	4.7	5.4
27	5.0	3.7	4.5	5.3	3.3	4.1	5.2	3.5	4.1	6.3	4.7	5.5
28	4.8	2.6	3.9	5.6	2.6	4.2	5.1	3.3	4.1	6.0	5.1	5.5
29	4.7	2.6	3.8	5.6	2.4	3.9	5.0	3.6	4.3	5.8	4.8	5.3
30	5.4	2.6	4.0	5.7	2.8	4.2	6.2	3.7	4.3	5.5	4.5	5.1
31	---	---	---	5.1	3.0	4.2	6.1	5.0	5.6	---	---	---
MONTH	6.3	2.6	4.4	6.3	2.0	4.3	6.3	2.8	4.5	6.5	3.0	4.9

02176640 BEAUFORT RIVER AT PARRIS ISLAND, SC

LOCATION.--Lat 32°21'00'', long 80°40'09'', Beaufort County, Hydrologic Unit 03050208, channel marker piling in main channel of Beaufort River, approximately 1500 ft east of Parris Island dry dock, and 1.2 mi downstream of Beaufort River and Battery Creek.

DRAINAGE AREA.--Indeterminate.

GAGE HEIGHT RECORDS

PERIOD OF RECORD.--October 1998 to current year.

GAGE.--Data Collection Platform. Elevation of gage is 5.0 ft below NGVD of 1929 (from topographic map). Prior to May 24, 2004, at same site at different datum.

REMARKS.--Gage height tidally affected.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 22.13 ft, Sep. 16, 2001; minimum gage height, 7.62 ft, Mar. 28, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 19.08 ft, Nov. 26; minimum gage height, 7.62 ft, Mar. 8.

Gage height, feet WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	18.70	10.79	14.74	18.14	11.21	14.64	16.16	9.44	12.96	---	---	---
2	18.49	11.07	14.78	18.05	11.35	14.80	16.27	9.96	13.43	---	---	---
3	18.48	11.63	15.01	18.21	11.11	15.11	16.72	10.58	13.92	16.59	9.62	13.33
4	17.97	10.67	14.65	17.91	10.50	14.72	17.59	10.12	14.38	16.62	9.37	13.38
5	17.58	10.16	14.15	17.72	10.42	14.48	17.41	9.91	13.99	16.81	9.33	13.25
6	17.66	10.26	14.23	17.77	10.19	14.27	16.69	9.71	13.67	---	---	---
7	17.74	10.31	14.23	17.55	9.97	14.17	17.57	9.90	14.12	---	---	---
8	17.78	10.14	14.14	18.04	10.34	14.67	17.69	10.12	14.15	---	---	---
9	17.76	9.87	14.24	18.09	11.64	14.88	17.60	10.36	14.24	---	---	---
10	17.83	10.33	14.31	18.15	11.33	14.70	18.02	10.72	14.23	---	---	---
11	17.81	10.33	14.37	17.91	10.73	14.28	16.54	9.17	13.06	---	---	---
12	17.93	10.89	14.51	17.19	10.46	13.80	17.25	10.08	13.69	---	---	---
13	17.79	10.84	14.45	16.10	9.66	13.00	17.70	10.91	14.34	---	---	---
14	17.85	11.12	14.53	16.90	10.75	13.65	18.02	10.79	14.22	---	---	---
15	17.04	10.13	13.88	16.73	10.80	13.66	17.01	10.21	13.58	---	---	---
16	17.22	11.37	14.24	16.60	10.81	13.57	---	---	---	---	---	---
17	16.98	11.43	14.19	16.42	10.57	13.45	16.76	10.68	13.53	---	---	---
18	17.12	11.58	14.22	16.85	10.55	13.78	16.44	9.50	13.15	18.08	8.61	13.65
19	17.21	11.57	14.31	16.97	8.75	13.68	16.45	8.83	12.74	---	---	---
20	17.15	10.76	14.04	17.47	9.76	13.78	16.83	8.56	12.86	---	---	---
21	17.27	9.93	13.97	18.12	9.46	14.29	17.99	8.41	13.31	---	---	---
22	17.68	9.51	13.79	18.44	9.25	14.22	18.31	8.35	13.39	---	---	---
23	18.43	9.74	14.59	18.80	9.01	14.12	---	---	---	---	---	---
24	18.39	9.59	14.46	19.03	8.85	14.04	---	---	---	17.12	8.48	13.05
25	18.76	9.21	14.32	18.80	8.38	13.96	---	---	---	17.83	9.14	13.85
26	18.68	8.94	14.03	19.08	9.58	14.28	---	---	---	---	---	---
27	18.81	9.09	14.06	18.75	9.80	14.21	---	---	---	---	---	---
28	18.87	9.38	14.26	18.15	8.87	13.50	---	---	---	16.23	9.62	12.72
29	18.20	9.21	14.12	16.51	8.12	12.50	---	---	---	15.57	10.02	12.97
30	18.35	10.14	14.22	16.72	9.91	13.31	16.35	9.45	13.01	15.81	10.25	12.90
31	18.30	11.09	14.53	---	---	---	16.20	10.38	13.33	15.66	10.69	13.40
MONTH	18.87	8.94	14.31	19.08	8.12	14.05	---	---	---	---	---	---

02176640 BEAUFORT RIVER AT PARRIS ISLAND, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--October 1998 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1998 to current year.

WATER TEMPERATURE: October 1998 to current year.

DISSOLVED OXYGEN: October 1998 to current year.

INSTRUMENTATION.--Water-quality multiprobe and data collection platform.

REMARKS.--Specific conductance records rated excellent except for Oct. 4-7, 13, 14, Feb. 20 to Mar. 3, Apr. 19-22, June 14-23, which are good. Temperature records rated excellent. Dissolved oxygen records rated fair except for June 9-23, which are poor. Prior to October 1, 2003 dissolved oxygen concentrations are not corrected for salinity.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 54,600 microsiemens, June 17, 19-21, 2002; minimum, 38,000 microsiemens, May 19, 2003.

WATER TEMPERATURE: Maximum, 33.0°C, Aug. 1, 2, 1999; minimum, 5.5°C, Jan. 3-7, 2001.

DISSOLVED OXYGEN: Maximum, 13.4 mg/L, Jan. 7, 2001; minimum, 3.3 mg/L, Aug. 29, 1999.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 52,400 microsiemens, June 13; minimum, 43,700 microsiemens, Feb. 26, 27, Mar. 2.

WATER TEMPERATURE: Maximum, 29.8°C, June 30, July 4; minimum, 8.2°C, Feb. 2.

DISSOLVED OXYGEN: Maximum, 9.9 mg/L, Jan. 31, Feb. 3, 4; minimum, 3.7 mg/L, July 3.

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	47900	44700	46500	47700	45500	46400	47700	46900	47300	---	---	---
2	48300	45400	46800	47800	45500	46500	47700	46700	47200	---	---	---
3	47600	44500	46300	47700	45400	46600	47600	46800	47200	48100	47200	47600
4	47600	44800	46400	48000	45500	46700	48200	46400	47200	48100	47200	47600
5	46900	44100	45800	48000	45600	46800	47700	46200	47000	48000	47200	47600
6	46700	44000	45400	48000	45600	46800	47600	46300	47000	---	---	---
7	47700	44000	46200	48000	45700	46900	47700	46400	47100	---	---	---
8	47900	45500	46800	48400	45800	47100	47800	46500	47100	---	---	---
9	48400	45800	47100	48800	46000	47200	48000	46500	47100	---	---	---
10	48400	45900	47200	48600	45900	47200	48100	46600	47100	---	---	---
11	48200	45800	47000	48300	45800	47100	47500	46400	47000	---	---	---
12	47200	45000	46100	48000	46000	46900	47600	46600	47100	---	---	---
13	47100	45000	46100	47700	46000	46800	48000	46500	47200	---	---	---
14	---	---	---	48100	46500	47200	48200	46500	47100	---	---	---
15	---	---	---	48200	46600	47300	47700	46500	47000	---	---	---
16	---	---	---	48200	46700	47300	---	---	---	---	---	---
17	---	---	---	48100	46700	47300	47600	46400	47000	---	---	---
18	---	---	---	48100	46000	47100	47600	46500	47100	49100	48000	48500
19	---	---	---	47500	45800	46700	47600	46600	47100	---	---	---
20	---	---	---	47500	45800	46800	47600	46800	47300	---	---	---
21	---	---	---	47900	46200	47000	48200	46900	47400	---	---	---
22	48000	46100	47100	48100	46100	47000	48300	47000	47500	---	---	---
23	48500	46300	47400	48400	46000	46900	---	---	---	---	---	---
24	48700	46400	47500	48500	46200	47100	---	---	---	48900	48100	48400
25	48900	46400	47500	48600	46200	47200	---	---	---	49200	48200	48500
26	48900	46400	47500	48900	46500	47300	---	---	---	---	---	---
27	48600	46400	47400	48800	46400	47300	---	---	---	---	---	---
28	48500	46300	47300	48500	46300	47200	---	---	---	48800	47900	48300
29	47700	45500	46500	47600	46600	47000	---	---	---	48900	47700	48300
30	47500	45300	46300	47800	46800	47200	47900	47100	47400	48400	47700	48100
31	47600	45500	46400	---	---	---	47900	47100	47500	48500	47800	48200
MONTH	---	---	---	48900	45400	47000	---	---	---	---	---	---

02176640 BEAUFORT RIVER AT PARRIS ISLAND, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	24.6	23.7	24.3	21.8	21.4	21.6	15.9	15.4	15.6	---	---	---			
2	24.3	23.6	24.1	21.7	21.4	21.5	15.5	14.8	15.1	---	---	---			
3	23.8	22.7	23.4	21.7	21.4	21.5	14.9	14.2	14.6	11.3	10.7	11.0			
4	23.4	22.9	23.2	22.1	21.5	21.8	14.3	13.6	14.0	11.8	11.0	11.4			
5	23.7	23.2	23.4	22.8	22.0	22.3	13.8	13.3	13.6	12.4	11.6	12.0			
6	23.7	23.3	23.5	23.1	22.4	22.7	13.3	12.9	13.1	---	---	---			
7	23.6	23.3	23.5	23.5	22.8	23.1	12.9	12.5	12.7	---	---	---			
8	23.6	23.2	23.4	23.5	22.8	23.2	12.6	12.2	12.5	---	---	---			
9	23.6	23.2	23.4	22.9	21.2	22.2	12.6	12.2	12.4	---	---	---			
10	23.6	23.3	23.4	21.3	20.0	20.6	12.8	12.2	12.6	---	---	---			
11	23.5	23.3	23.4	20.2	19.4	19.9	12.6	12.3	12.4	---	---	---			
12	23.5	23.1	23.3	20.2	19.8	20.0	12.4	12.0	12.2	---	---	---			
13	23.6	23.2	23.4	20.2	19.5	20.0	12.3	12.0	12.1	---	---	---			
14	24.0	23.5	23.7	19.6	18.9	19.2	12.2	11.8	12.0	---	---	---			
15	---	---	---	19.1	18.7	18.8	11.9	11.5	11.7	---	---	---			
16	---	---	---	19.1	18.7	18.9	---	---	---	---	---	---			
17	---	---	---	19.4	18.9	19.1	11.8	11.6	11.7	---	---	---			
18	---	---	---	19.8	19.2	19.4	11.7	11.0	11.3	10.9	9.9	10.4			
19	---	---	---	19.8	19.5	19.7	11.2	10.6	10.9	---	---	---			
20	22.7	22.3	22.5	19.7	19.1	19.3	10.7	10.0	10.4	---	---	---			
21	22.7	22.3	22.5	19.3	18.7	19.0	10.2	9.5	9.8	---	---	---			
22	22.5	22.2	22.3	19.1	18.6	18.9	9.7	9.1	9.5	---	---	---			
23	22.2	21.5	21.7	19.0	18.6	18.8	---	---	---	---	---	---			
24	21.7	21.2	21.4	19.1	18.7	18.9	---	---	---	10.1	9.6	9.8			
25	21.4	21.0	21.2	18.9	18.2	18.4	---	---	---	10.0	9.8	9.9			
26	21.8	21.0	21.4	18.2	17.9	18.1	---	---	---	---	---	---			
27	22.0	21.4	21.7	18.4	17.9	18.1	---	---	---	---	---	---			
28	22.0	21.6	21.8	18.6	17.9	18.3	---	---	---	9.4	8.9	9.0			
29	21.9	21.4	21.6	17.9	16.2	17.1	---	---	---	8.9	8.7	8.8			
30	21.8	21.5	21.6	16.4	15.9	16.1	10.8	10.3	10.6	8.8	8.6	8.7			
31	21.8	21.3	21.6	---	---	---	10.9	10.4	10.6	8.9	8.4	8.7			
MONTH	---	---	---	23.5	15.9	19.9	---	---	---	---	---	---			

DAY	MAX	MIN	MEAN	FEBRUARY			MARCH			APRIL			MAY		
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	8.8	8.4	8.5	10.6	10.0	10.2	17.9	16.6	17.2	---	---	---			
2	8.4	8.2	8.3	11.4	10.4	10.8	17.4	16.2	16.7	---	---	---			
3	8.8	8.3	8.5	12.2	10.9	11.5	16.9	16.0	16.5	---	---	---			
4	9.0	8.5	8.7	12.8	11.5	12.1	17.0	16.2	16.6	---	---	---			
5	9.1	8.7	8.9	13.7	12.0	12.8	16.9	16.0	16.4	---	---	---			
6	10.1	9.1	9.5	14.5	12.8	13.7	17.0	16.2	16.5	---	---	---			
7	10.8	10.0	10.3	15.2	13.1	14.2	17.6	16.5	16.9	---	---	---			
8	10.3	9.4	10.0	15.0	13.4	14.2	17.9	16.8	17.3	---	---	---			
9	10.4	9.5	9.8	14.5	13.1	13.8	18.5	17.2	17.7	---	---	---			
10	10.2	9.6	9.9	14.1	13.0	13.5	19.2	17.6	18.3	---	---	---			
11	10.4	9.7	10.1	14.1	12.9	13.4	20.0	18.3	19.1	---	---	---			
12	10.3	9.8	10.1	14.2	13.0	13.6	20.6	19.0	19.8	---	---	---			
13	10.5	9.7	10.1	14.3	13.3	13.8	20.6	19.4	20.1	---	---	---			
14	10.4	9.9	10.2	14.8	13.4	14.1	20.3	18.2	19.1	---	---	---			
15	10.6	9.8	10.2	15.5	13.9	14.7	19.0	17.6	18.3	---	---	---			
16	10.5	9.9	10.2	16.1	14.5	15.3	19.0	17.8	18.4	---	---	---			
17	10.2	9.5	9.8	16.1	14.8	15.5	19.2	18.2	18.7	---	---	---			
18	9.6	8.9	9.3	16.2	14.9	15.6	19.7	18.7	19.2	---	---	---			
19	9.7	8.9	9.4	16.6	15.2	16.0	20.3	19.2	19.7	---	---	---			
20	10.1	9.2	9.7	17.1	15.8	16.4	20.7	19.6	20.1	26.6	25.7	26.1			
21	11.1	9.9	10.4	17.6	16.1	16.8	21.2	20.0	20.5	26.8	26.0	26.3			
22	11.4	10.4	10.9	17.0	15.9	16.4	21.6	20.5	21.0	27.1	26.2	26.5			
23	11.6	10.7	11.2	16.2	15.3	15.8	22.3	21.0	21.6	27.2	26.4	26.8			
24	11.9	11.0	11.5	16.2	15.2	15.7	22.8	21.6	22.1	27.5	26.6	27.0			
25	11.9	11.0	11.5	16.5	15.3	15.9	23.2	22.1	22.6	27.8	26.8	27.2			
26	11.1	10.4	10.8	17.0	15.7	16.3	23.4	22.4	22.9	27.9	27.0	27.4			
27	10.4	9.8	10.2	17.7	16.1	16.9	23.2	22.7	22.9	28.0	27.2	27.5			
28	10.0	9.5	9.7	18.1	16.7	17.4	22.8	22.3	22.6	27.9	27.2	27.6			
29	10.2	9.6	9.8	18.2	17.0	17.6	22.8	22.1	22.4	28.0	27.4	27.7			
30	---	---	---	18.1	17.1	17.7	23.0	22.2	22.6	28.3	27.4	27.8			
31	---	---	---	18.0	17.0	17.6	---	---	---	28.3	27.6	27.9			
MONTH	11.9	8.2	9.9	18.2	10.0	14.8	23.4	16.0	19.5	---	---	---			

BROAD RIVER BASIN

02176640 BEAUFORT RIVER AT PARRIS ISLAND, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	6.6	5.3	6.0	5.6	4.8	5.2	7.5	6.4	7.0	---	---	---
2	6.9	5.7	6.3	5.7	4.9	5.3	8.1	6.5	7.4	---	---	---
3	7.1	5.7	6.5	5.7	5.0	5.4	8.1	7.3	7.8	9.5	8.5	8.8
4	6.8	5.2	6.3	6.0	5.0	5.6	8.2	7.5	7.9	9.5	8.4	8.7
5	6.5	4.9	6.0	5.9	5.0	5.5	8.1	7.5	7.9	9.2	8.4	8.8
6	6.3	4.5	5.6	5.9	4.9	5.5	8.3	7.4	7.9	---	---	---
7	5.9	4.4	5.4	5.8	4.7	5.3	8.3	7.5	7.9	---	---	---
8	5.7	4.6	5.3	5.6	4.6	5.2	8.2	7.4	7.9	---	---	---
9	5.7	4.3	5.2	6.1	4.6	5.6	8.2	7.5	8.0	---	---	---
10	5.6	4.1	5.1	6.3	5.5	6.0	8.3	7.8	8.0	---	---	---
11	5.5	4.4	5.0	6.4	5.6	6.2	8.3	7.7	8.1	---	---	---
12	5.4	4.1	4.9	6.9	5.7	6.2	8.6	7.6	8.1	---	---	---
13	5.4	4.2	5.0	6.7	5.4	6.2	8.5	7.7	8.2	---	---	---
14	---	---	---	6.8	5.8	6.5	8.3	7.8	8.2	---	---	---
15	---	---	---	6.8	6.0	6.5	8.5	7.8	8.2	---	---	---
16	---	---	---	6.9	6.0	6.5	---	---	---	---	---	---
17	---	---	---	7.1	6.0	6.7	8.9	8.4	8.7	---	---	---
18	---	---	---	7.2	6.2	6.8	8.9	8.4	8.7	9.4	8.9	9.2
19	---	---	---	7.0	6.0	6.6	9.3	8.6	8.9	---	---	---
20	---	---	---	7.0	5.8	6.6	9.3	8.8	9.1	---	---	---
21	---	---	---	6.8	5.8	6.5	9.4	9.0	9.2	---	---	---
22	6.4	5.1	5.7	6.7	5.7	6.4	9.5	8.9	9.3	---	---	---
23	6.4	5.1	5.9	6.6	5.7	6.2	---	---	---	---	---	---
24	6.3	5.2	5.8	6.5	5.5	6.1	---	---	---	9.3	8.9	9.2
25	6.0	5.1	5.7	6.5	5.6	6.1	---	---	---	9.3	9.0	9.2
26	5.8	4.8	5.5	6.5	5.6	6.2	---	---	---	---	---	---
27	5.6	4.7	5.3	6.5	5.7	6.2	---	---	---	---	---	---
28	5.4	4.6	5.1	7.1	5.8	6.5	---	---	---	9.5	9.1	9.3
29	5.5	4.3	5.1	7.6	6.4	7.0	---	---	---	9.7	9.2	9.4
30	5.5	4.7	5.2	7.7	6.5	7.1	8.8	8.3	8.6	9.8	9.1	9.5
31	5.6	4.9	5.3	---	---	---	8.9	8.5	8.7	9.9	9.3	9.6
MONTH	---	---	---	7.7	4.6	6.1	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	9.8	9.5	9.7	9.0	7.1	8.2	7.7	6.9	7.4	---	---	---
2	9.8	9.4	9.7	9.2	7.8	8.4	7.8	7.1	7.5	---	---	---
3	9.9	9.4	9.7	9.1	7.7	8.7	7.8	7.1	7.5	---	---	---
4	9.9	9.2	9.7	9.0	8.5	8.8	7.8	7.0	7.5	---	---	---
5	9.8	9.4	9.7	8.9	8.3	8.7	7.7	7.2	7.5	---	---	---
6	9.7	9.3	9.6	8.7	8.1	8.4	7.8	7.1	7.5	---	---	---
7	9.6	9.1	9.4	8.4	7.9	8.2	7.7	7.0	7.5	---	---	---
8	9.6	9.2	9.4	8.5	7.6	8.1	7.6	7.1	7.4	---	---	---
9	9.6	9.1	9.4	8.2	7.6	8.0	7.5	6.8	7.3	---	---	---
10	9.5	9.0	9.4	8.1	7.5	7.9	7.5	6.9	7.3	---	---	---
11	9.4	8.7	9.1	8.1	7.4	7.9	7.6	6.9	7.3	---	---	---
12	9.0	8.6	8.9	8.1	7.6	8.0	7.5	6.8	7.3	---	---	---
13	9.1	8.5	8.9	8.2	7.6	8.0	7.5	6.8	7.2	---	---	---
14	9.0	8.5	8.9	8.2	7.6	8.0	7.8	7.0	7.4	---	---	---
15	9.0	8.5	8.8	8.1	7.5	8.0	7.7	6.9	7.5	---	---	---
16	9.1	8.6	8.9	8.1	7.4	7.8	7.3	6.8	7.1	---	---	---
17	9.1	8.8	9.0	8.0	7.3	7.7	6.9	6.6	6.8	---	---	---
18	9.3	8.7	9.1	7.9	7.3	7.7	6.8	6.4	6.7	---	---	---
19	9.3	8.6	9.0	7.8	7.0	7.5	6.7	6.2	6.6	---	---	---
20	9.1	8.4	8.7	7.6	7.1	7.4	6.8	6.2	6.5	6.0	4.7	5.3
21	9.1	8.2	8.6	7.6	6.8	7.3	6.9	6.1	6.6	6.3	4.8	5.5
22	9.0	7.8	8.4	7.5	6.9	7.3	6.8	5.9	6.5	6.4	5.0	5.7
23	8.9	7.8	8.4	7.5	6.9	7.3	6.6	6.0	6.4	6.0	5.1	5.7
24	8.8	7.5	8.2	7.5	6.8	7.3	6.5	5.8	6.3	5.9	4.8	5.4
25	8.6	7.3	8.0	7.6	7.0	7.4	6.4	5.8	6.2	5.9	4.8	5.4
26	8.7	7.4	8.1	7.7	7.0	7.5	6.2	5.5	6.0	5.7	4.7	5.3
27	8.7	7.2	8.1	7.7	7.0	7.5	6.2	5.3	5.8	---	---	---
28	8.8	7.2	8.0	7.7	7.1	7.5	6.5	5.4	6.0	---	---	---
29	8.9	7.0	8.0	7.8	7.0	7.6	6.3	5.7	6.1	---	---	---
30	---	---	---	7.7	7.1	7.5	6.7	5.5	6.1	---	---	---
31	---	---	---	7.7	7.1	7.4	---	---	---	---	---	---
MONTH	9.9	7.0	8.9	9.2	6.8	7.8	7.8	5.3	6.9	---	---	---

02176711 MAY RIVER NEAR PRITCHARDVILLE, SC

LOCATION.--Lat 32°13'25'', long 80°55'13'', Beaufort County, Hydrologic Unit 03050208, 2.9 mi southeast of Pritchardville and 2.5 mi southwest of Bluffton.

DRAINAGE AREA.--14.0 mi², approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--June 2002 to September 2004 (discontinued).

GAGE.--Data collection platform and acoustic velocity meter. Elevation of gage is 15 ft above NGVD of 1929 (from topographic map).

REMARKS.--Records poor. This site is strongly affected by astronomical tides. The astronomical tides occur at primary harmonic periods of 12.42 hours for semi-diurnal tides and 24.84 hours for diurnal tides. Computed 24-hour daily mean discharge for this site may be affected by aliasing due to tides and, thus, may contain spurious fluctuations or oscillations that are not indicative of net downstream discharge.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 6,420 ft³/s, July 30, 2004, maximum gage height, 18.80 ft, Aug. 8, 2002; minimum discharge, -7,070 ft³/s, June 3, 2004, minimum gage height, 5.29 ft, Mar. 8, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 6,420 ft³/s, July 30, maximum gage height, 18.34 ft, Sep. 27; minimum discharge, -7,070 ft³/s, June 3, minimum gage height, 5.29 ft, Mar. 8.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	4120	-3800	---	---	2920	-2090	2980	-2830	3050	-3470	2500	-2550
2	3200	-3190	---	---	2950	-2670	3070	-3310	3480	-3410	3020	-2590
3	2800	-2920	---	---	3490	-3020	3530	-2860	3560	-3110	3380	-3070
4	2620	-2360	---	---	3980	-3190	3460	-2730	3750	-3700	3660	-3250
5	2600	-2590	---	---	4060	-3690	3990	-3370	4160	-4650	4570	-3760
6	2930	-2640	---	---	3910	-2880	3920	-3500	4090	-4990	4970	-4590
7	3500	-2460	---	---	4180	-3760	4090	-3740	4060	-3810	4920	-4920
8	3800	-2780	---	---	3930	-3750	4140	-4420	4350	-3700	4950	-5740
9	3330	-2630	---	---	3890	-3420	4490	-4680	4680	-4300	5070	-5800
10	3330	-2940	---	---	3690	-4060	4860	-4720	4600	-3730	5100	-5080
11	3330	-2560	---	---	3440	-3910	4450	-3930	3850	-3280	4910	-4030
12	2870	-2910	---	---	3600	-3160	3830	-3700	4460	-3280	4080	-3510
13	2400	-2410	---	---	3570	-3490	3730	-3310	4180	-3180	4650	-3650
14	2170	-1850	---	---	4340	-4110	4160	-3680	4420	-4280	4990	-3830
15	1860	-1620	---	---	4080	-3190	3650	-2880	4700	-3940	4540	-4010
16	1750	-1300	---	---	3670	-3350	4010	-3210	4270	-4820	3920	-3900
17	1830	-1040	---	---	2990	-2010	4090	-4060	4610	-4470	4760	-3930
18	1830	-959	---	---	---	---	4560	-5020	4830	-5380	4830	-5230
19	1640	-1360	---	---	---	---	4830	-4670	4840	-4990	5010	-4950
20	1870	-1870	---	---	---	---	5460	-5460	5370	-5280	5590	-4990
21	2070	-1770	4940	-5180	---	---	5880	-5440	4950	-4790	5590	-4920
22	2780	-2300	5430	-4970	---	---	5270	-5130	4930	-4380	5290	-4760
23	3710	-3420	5520	-5540	---	---	5030	-4630	5140	-4490	4770	-4200
24	3530	-3650	5610	-5820	---	---	5100	-3950	4450	-4030	4590	-4030
25	3860	-3180	5210	-5360	---	---	4430	-4390	4160	-4110	4340	-3170
26	3920	-2990	5570	-5990	---	---	4700	-4160	4500	-3870	3530	-2410
27	3630	-2440	5290	-4960	---	---	3460	-2900	4270	-3290	3270	-2190
28	3080	-3110	4580	-5170	---	---	3400	-2790	2670	-2850	2930	-2580
29	3440	-2710	3900	-3690	---	---	2910	-1760	2800	-2840	3310	-3390
30	2450	-2550	3860	-2720	---	---	2360	-2250	---	---	3400	-3330
31	---	---	---	---	---	---	2350	-2410	---	---	3690	-3700
MONTH	---	---	---	---	---	---	5880	-5460	5370	-5380	5590	-5800

BROAD RIVER BASIN

02176711 MAY RIVER NEAR PRITCHARDVILLE, SC--Continued

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	3390	-3280	3910	-4460	5760	-6430	6130	-6650	5440	-6350	5050	-5010
2	4510	-3860	5220	-4630	6130	-6910	6160	-6490	5940	-6790	4750	-4370
3	4960	-4700	5570	-5380	5890	-7070	5930	-6440	6210	-5460	5160	-4600
4	5690	-5210	6170	-5950	5920	-6700	6120	-5970	5530	-5120	4350	-4230
5	5430	-5820	5840	-6520	6040	-6650	5880	-5500	4870	-4950	4100	-3670
6	5520	-5810	5710	-6290	5480	-5960	5240	-5210	4900	-4440	3810	-4460
7	6140	-5520	5740	-5140	5390	-5310	5360	-4780	4330	-4780	2840	-3690
8	5140	-5990	5740	-5050	5130	-4860	5160	-5350	4140	-3410	3370	-3300
9	5460	-4810	5360	-4930	4890	-4850	4760	-4300	3680	-3330	2850	-2810
10	5150	-4530	4980	-4510	4740	-4080	4530	-4240	3400	-3380	3150	-3450
11	4430	-4530	4940	-4520	4670	-4260	4280	-4100	3750	-3200	3860	-4180
12	4760	-4330	4500	-3980	4630	-4300	3890	-3930	4070	-3180	4550	-5570
13	3730	-4680	4590	-3930	5370	-4580	4230	-3930	3940	-4460	5250	-4880
14	2730	-2250	4610	-4170	4790	-4570	3800	-4370	4680	-3930	5260	-5400
15	5090	-3880	4700	-4430	4890	-4450	4180	-3810	4880	-5040	5340	-5050
16	4760	-4030	5190	-4520	4630	-4240	4380	-5300	4620	-4740	5160	-5320
17	5030	-4420	5580	-5100	4480	-3760	5050	-4790	4570	-4650	5000	-4320
18	5000	-4280	4580	-4600	4310	-3840	3720	-4280	4670	-4480	4410	-4080
19	4290	-4040	4590	-4410	4700	-4410	4080	-4490	4430	-4400	4340	-4320
20	4140	-4100	4240	-3950	4810	-4940	4500	-4140	4670	-3710	4480	-4150
21	4140	-3690	3720	-2970	4400	-4380	4620	-4350	4140	-3080	4750	-4670
22	4150	-3530	3810	-3330	4680	-3360	4450	-3780	4040	-3730	4320	-4330
23	4140	-2410	3600	-2850	4040	-2800	4100	-3920	4110	-4280	4060	-3640
24	3150	-2810	3560	-2660	3100	-2780	4240	-3920	4540	-4740	4410	-4220
25	3160	-2590	3320	-2970	3700	-3000	4700	-4100	4920	-4880	4980	-4660
26	3050	-2120	3300	-2730	4390	-3110	4400	-4360	4860	-5050	5300	-5480
27	2850	-2640	3120	-2270	5230	-4430	4980	-5290	5490	-5480	5200	-6040
28	3090	-2210	3040	-2970	5200	-4780	5220	-5640	5710	-6150	5080	-4820
29	3380	-2770	4290	-3570	5480	-5890	5480	-6030	5580	-5760	4550	-4710
30	3620	-3020	4670	-4960	6200	-6330	6420	-6770	4930	-5290	4300	-4500
31	---	---	5340	-5850	---	---	5960	-6570	5030	-4750	---	---
MONTH	6140	-5990	6170	-6520	6200	-7070	6420	-6770	6210	-6790	5340	-6040

02176711 MAY RIVER NEAR PRITCHARDVILLE, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--June 2002 to June 2004 (discontinued).

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: June 2002 to June 2004 (discontinued).

WATER TEMPERATURE: June 2002 to June 2004 (discontinued).

DISSOLVED OXYGEN: June 2002 to June 2004 (discontinued).

INSTRUMENTATION.--Water-quality multiprobe and data collection platform.

REMARKS.--Specific conductance records rated good except for Mar. 2, which is fair. Temperature records rated excellent except for Feb. 29 to Mar. 2, which are good. Dissolved oxygen records rated excellent except for Nov. 11, 12, 20, Jan. 7-15, 22-25, Mar. 12-17, Apr. 6, 7, 18-20, May 7-12, 16, June 7, 8, 13, which are good, Nov. 13-16, 21,22, Jan. 26-30, Mar. 18, Apr. 8-11, 21-23, May 17-19, June 9, 14, 15, which are fair, and Nov. 17, 23-30, Jan. 31 to Feb. 12, Apr. 12, 13, May 20, June 16-24, which are poor. Dissolved oxygen concentrations are not corrected for salinity.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 53,700 microsiemens, June 16, 2002; minimum, 2,170 microsiemens, Apr. 10, 2003.

WATER TEMPERATURE: Maximum, 34.2°C, July 29, 2002; minimum, 3.7°C, Jan. 24, 2003.

DISSOLVED OXYGEN: Maximum, 12.2 mg/L, Jan. 25, 2003; minimum, 2.3 mg/L, Sep. 29, 2002.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 47,700 microsiemens, Apr. 11, June 4; minimum, 16,000 microsiemens, Feb. 15.

WATER TEMPERATURE: Maximum, 33.0°C, June 20; minimum, 6.5°C, Jan. 29.

DISSOLVED OXYGEN: Maximum, 12.0 mg/L, Feb. 1, 2; minimum, 3.4 mg/L, June 22.

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	43400	41600	42200	---	---	---	45600	44300	45000	45200	43700	44400
2	43600	41900	42500	---	---	---	45600	44000	45000	45300	43600	44500
3	44000	42400	43000	---	---	---	45700	43500	45000	45400	43400	44500
4	44000	42600	43100	44500	41800	43100	45700	42800	44700	45400	43400	44400
5	44000	42600	43100	44400	41900	43200	45300	42700	44100	45300	42600	44200
6	44800	42600	43600	---	---	---	45000	41800	43900	45400	43200	44400
7	45000	43300	43900	---	---	---	45400	42600	44200	45500	43500	44600
8	45000	43300	44000	44700	42600	43600	45500	43300	44400	45500	43800	44600
9	---	---	---	45000	43300	44200	45400	43600	44400	45000	42900	44100
10	---	---	---	45600	44000	44600	45400	43500	44300	44500	41900	43400
11	---	---	---	45800	44000	44700	45000	42300	43800	44500	42200	43400
12	45300	43100	44100	45500	43900	44600	45200	42900	44000	44200	41800	43200
13	45300	43400	44200	45100	43800	44500	45300	43200	44200	44200	41900	43100
14	44800	43500	44100	45700	44300	44900	45100	42500	43800	44300	42200	43200
15	---	---	---	45800	44400	45000	44800	40400	43100	44100	41900	43000
16	---	---	---	45800	44400	45000	44800	41300	43100	44300	41800	43300
17	---	---	---	46000	44300	44900	44600	37500	41700	44500	42600	43500
18	---	---	---	45700	44300	45000	43600	38400	41600	44500	42100	43400
19	---	---	---	45800	41600	44400	43900	39100	41700	44400	42100	43400
20	---	---	---	45700	41600	44300	44500	39100	42400	44600	42500	43700
21	---	---	---	46100	43200	44700	45100	40700	43300	44800	43000	43900
22	---	---	---	46000	43600	44900	45400	41900	43700	44700	43200	44000
23	46500	44700	45600	46100	44100	45000	45600	42600	44100	44800	43200	44000
24	46700	45200	45900	45900	44100	45000	45400	42900	44100	44800	43500	44200
25	46900	45400	46100	46000	44200	45200	45100	43000	44000	44800	43600	44200
26	46900	45400	46200	46100	44700	45400	45000	43300	44000	44800	42400	43900
27	46900	45600	46200	45800	44800	45200	45100	43500	44200	44100	34600	41400
28	46900	35000	45000	45600	43900	44900	45200	43800	44400	43200	27300	38100
29	45200	34100	41200	45500	44200	44900	45200	44000	44500	42900	31600	38200
30	---	---	---	45700	44500	45100	45000	43500	44300	42700	32700	37700
31	---	---	---	---	---	---	45000	43800	44400	42200	35100	38300
MONTH	---	---	---	---	---	---	45700	37500	43900	45500	27300	43000

BROAD RIVER BASIN

02176711 MAY RIVER NEAR PRITCHARDVILLE, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	24.4	21.8	23.5	---	---	---	13.5	10.8	12.4	11.0	9.6	10.5
2	24.2	22.2	23.4	---	---	---	13.2	11.2	12.2	11.1	9.7	10.5
3	23.5	21.2	22.7	---	---	---	12.6	10.7	11.7	12.5	10.7	11.4
4	23.6	21.3	22.8	23.2	21.6	22.3	12.4	11.4	11.9	14.5	12.0	13.0
5	24.2	22.5	23.4	24.2	22.8	23.5	12.5	11.8	12.1	16.2	13.4	14.8
6	24.4	23.0	23.7	---	---	---	12.1	10.9	11.5	16.4	13.5	15.0
7	24.0	23.4	23.7	---	---	---	11.6	10.4	11.0	13.5	10.9	12.3
8	24.5	23.3	23.8	24.9	23.2	24.3	11.4	10.1	10.7	11.4	10.1	10.7
9	24.3	23.5	23.8	23.2	20.2	21.7	11.6	10.1	10.9	11.2	10.3	10.6
10	24.6	23.3	23.8	20.2	18.7	19.4	12.6	11.1	11.9	10.4	9.3	9.8
11	24.0	23.4	23.7	19.7	18.0	19.0	12.1	10.9	11.5	9.5	7.9	8.7
12	24.6	23.2	23.8	20.5	18.6	19.6	11.4	10.3	11.0	9.2	7.2	8.4
13	25.1	23.3	24.1	20.5	19.0	19.8	11.6	10.5	11.1	9.6	7.8	8.8
14	25.6	24.2	24.8	19.0	17.3	17.9	11.6	10.8	11.3	10.3	8.3	9.4
15	---	---	---	17.7	15.6	16.9	11.1	9.6	10.5	11.3	9.4	10.3
16	---	---	---	18.1	15.8	17.2	11.1	9.3	10.5	10.8	9.6	10.3
17	---	---	---	19.1	16.8	18.1	11.2	10.1	10.8	10.6	9.3	10.1
18	---	---	---	20.1	18.3	19.2	10.2	8.4	9.6	12.9	10.6	11.6
19	---	---	---	20.2	19.0	20.0	9.7	8.3	9.1	12.9	11.3	12.0
20	---	---	---	19.3	17.8	18.7	8.9	7.3	8.2	11.3	10.2	10.9
21	---	---	---	18.9	17.3	18.1	8.4	6.9	7.6	10.7	9.6	10.1
22	---	---	---	18.7	17.4	18.0	8.8	7.0	7.9	10.6	9.3	10.0
23	21.9	20.7	21.4	18.9	17.2	18.1	10.0	8.0	9.0	10.4	9.2	9.8
24	22.1	20.5	21.3	19.1	17.9	18.6	12.1	9.9	10.7	10.7	8.6	9.7
25	22.3	20.8	21.5	18.6	17.2	17.7	11.0	9.9	10.4	10.6	10.3	10.4
26	23.5	21.7	22.4	17.7	16.1	17.1	10.1	8.8	9.6	10.3	9.9	10.1
27	23.1	22.4	22.7	18.3	16.4	17.5	9.9	8.3	9.2	10.0	9.0	9.3
28	22.6	21.5	22.2	18.6	16.9	17.9	9.9	8.0	9.2	9.1	6.9	8.1
29	22.3	20.3	21.6	16.9	13.1	14.6	9.9	8.7	9.5	8.4	6.5	7.8
30	21.9	20.1	21.2	14.5	11.3	12.9	11.6	9.8	10.6	8.7	7.0	7.9
31	---	---	---	---	---	---	11.5	9.9	10.8	9.1	7.7	8.4
MONTH	---	---	---	---	---	---	13.5	6.9	10.5	16.4	6.5	10.3

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	9.0	8.0	8.3	13.6	11.2	12.1	18.9	16.8	17.9	24.6	23.5	24.0
2	9.1	7.6	8.1	15.9	12.3	13.8	18.0	16.2	17.3	25.2	23.9	24.4
3	10.4	8.7	9.6	17.5	13.9	15.6	18.7	16.5	17.5	25.3	23.6	24.3
4	10.6	9.1	9.9	18.7	15.2	17.2	19.2	17.1	18.0	24.5	22.5	23.3
5	10.8	9.5	10.2	20.1	16.6	18.5	19.5	16.8	18.0	25.2	22.0	23.4
6	13.7	10.6	12.0	20.3	17.6	19.1	20.2	17.2	18.4	27.0	23.0	24.5
7	14.9	12.5	13.6	20.6	17.7	19.0	20.3	17.9	18.9	28.3	24.4	25.9
8	12.5	10.4	11.6	18.8	17.0	17.7	20.8	18.8	19.5	29.2	25.5	26.9
9	11.4	10.5	10.9	17.0	15.6	16.0	21.9	19.1	20.3	28.9	26.0	27.2
10	11.5	10.6	11.1	15.9	14.4	15.2	23.2	19.7	21.2	28.4	25.4	27.0
11	12.1	11.2	11.5	16.2	13.2	14.9	24.1	21.2	22.5	27.5	26.1	26.6
12	11.6	11.1	11.3	17.0	13.8	15.4	24.4	22.3	23.2	27.0	25.4	26.4
13	12.2	10.3	11.3	17.0	14.5	15.7	23.7	22.0	23.0	27.0	25.6	26.4
14	11.9	11.0	11.4	18.2	15.1	16.5	22.1	17.7	19.3	27.7	25.7	26.7
15	12.0	10.7	11.2	19.5	16.7	18.0	19.6	17.3	18.6	28.0	26.2	27.1
16	11.6	10.4	11.0	19.4	18.0	18.9	20.6	18.2	19.4	27.6	26.3	27.0
17	10.9	9.1	10.2	19.3	17.9	18.6	21.9	19.4	20.5	28.4	26.4	27.2
18	10.5	8.7	9.6	19.2	17.5	18.3	23.4	20.4	21.7	27.8	26.6	27.2
19	11.8	9.5	10.4	20.6	17.7	19.0	24.5	21.2	22.6	28.0	26.4	27.1
20	13.2	10.3	11.5	20.7	18.6	19.6	25.0	22.0	23.2	29.3	26.5	27.7
21	15.4	11.8	13.2	21.7	18.9	19.9	25.6	22.7	23.8	30.6	27.1	28.5
22	15.1	12.4	13.6	19.4	17.3	18.2	26.6	23.0	24.4	31.0	27.7	29.0
23	14.7	12.8	13.6	18.0	15.9	16.9	26.4	24.0	25.0	31.3	28.3	29.4
24	15.0	13.5	14.2	18.4	15.4	16.8	27.9	24.2	25.5	31.4	28.6	29.7
25	14.4	12.5	13.6	19.6	16.5	17.8	27.2	24.9	25.8	31.7	28.6	29.8
26	12.5	10.4	11.2	20.8	17.5	18.8	26.7	24.9	25.7	31.3	28.8	29.9
27	10.8	8.9	9.7	22.2	18.6	19.9	26.2	24.4	25.2	31.0	28.4	29.7
28	10.8	7.9	9.4	22.8	19.8	20.8	25.0	22.9	24.1	30.6	28.2	29.6
29	12.3	9.2	10.6	21.8	19.9	20.7	24.4	22.6	23.7	30.1	28.6	29.5
30	---	---	---	21.0	19.2	19.7	24.3	23.0	23.7	30.5	28.5	29.6
31	---	---	---	19.6	18.3	19.1	---	---	---	30.2	28.8	29.5
MONTH	15.4	7.6	11.2	22.8	11.2	17.7	27.9	16.2	21.6	31.7	22.0	27.2

02176711 MAY RIVER NEAR PRITCHARDVILLE, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.6	5.8	6.8	---	---	---	---	---	---	11.0	10.0	10.5			
2	7.3	5.7	6.7	---	---	---	---	---	---	10.7	9.7	10.3			
3	7.4	5.8	6.6	---	---	---	---	---	---	10.5	9.2	10.0			
4	7.1	5.6	6.4	6.4	4.7	5.6	9.5	8.2	8.9	10.2	8.7	9.6			
5	6.9	5.3	6.1	6.6	4.5	5.5	9.2	8.1	8.6	9.8	8.2	9.1			
6	6.9	5.3	6.0	---	---	---	9.5	8.0	8.8	9.7	7.8	8.8			
7	6.1	4.9	5.5	---	---	---	9.7	8.4	9.1	10.1	8.4	9.5			
8	6.4	4.7	5.6	5.6	4.6	5.1	10.0	8.7	9.3	10.3	9.4	9.9			
9	6.1	4.8	5.5	6.5	4.6	5.7	9.8	8.9	9.4	10.2	9.6	9.8			
10	6.6	4.6	5.6	7.5	6.0	6.8	9.6	9.0	9.2	10.4	9.3	10.0			
11	6.2	5.0	5.6	8.0	6.6	7.2	10.0	8.6	9.3	11.1	10.0	10.5			
12	6.6	4.8	5.8	8.0	6.7	7.4	10.3	9.1	9.8	11.5	10.6	11.0			
13	6.7	5.2	6.0	8.2	6.6	7.5	10.6	9.4	10.0	11.6	10.7	11.1			
14	6.3	5.1	5.9	8.7	7.2	7.9	10.1	9.2	9.5	11.4	10.5	11.0			
15	---	---	---	9.1	7.6	8.2	10.5	8.9	9.7	11.3	10.1	10.8			
16	---	---	---	8.9	7.6	8.2	10.9	9.5	10.1	11.1	10.0	10.7			
17	---	---	---	8.4	7.4	7.9	10.6	9.3	10.1	10.9	9.9	10.5			
18	---	---	---	8.0	5.3	7.1	10.9	9.8	10.4	10.7	9.1	10.1			
19	---	---	---	7.4	4.6	6.1	11.0	9.9	10.5	10.3	9.0	9.7			
20	---	---	---	7.6	4.5	6.2	11.2	9.9	10.7	10.6	9.0	10.0			
21	---	---	---	7.4	4.8	6.3	11.3	10.4	10.9	10.8	9.6	10.3			
22	---	---	---	7.6	5.1	6.5	11.3	10.4	10.9	11.0	10.0	10.6			
23	7.4	5.8	6.7	7.7	5.4	6.6	11.1	10.2	10.8	11.2	10.1	10.8			
24	7.3	5.8	6.6	8.0	5.3	6.8	10.7	9.7	10.4	11.4	10.4	11.0			
25	7.2	5.8	6.6	8.4	5.1	7.1	11.0	9.4	10.3	11.1	10.2	10.7			
26	7.0	5.5	6.3	8.8	5.6	7.3	11.2	10.0	10.7	11.0	9.9	10.5			
27	6.7	5.1	5.8	9.2	6.0	7.5	11.3	10.3	10.8	10.9	10.1	10.5			
28	6.2	4.6	5.3	8.9	5.6	7.5	11.3	10.5	10.9	11.6	10.0	10.8			
29	6.7	4.9	5.8	9.8	6.7	8.0	11.2	10.3	10.7	11.8	10.6	11.3			
30	7.1	5.3	6.0	---	---	---	10.9	9.9	10.5	11.9	10.7	11.4			
31	---	---	---	---	---	---	10.9	9.8	10.4	11.9	10.8	11.5			
MONTH	---	---	---	---	---	---	---	---	---	11.9	7.8	10.4			

DAY	MAX	MIN	MEAN	FEBRUARY			MARCH			APRIL			MAY		
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	12.0	11.0	11.5	---	---	---	8.2	7.1	7.6	6.6	4.8	5.7			
2	12.0	10.9	11.5	---	---	---	8.3	7.3	7.8	6.7	4.6	5.6			
3	11.7	10.2	11.1	10.3	8.5	9.6	8.4	7.3	7.8	7.4	4.4	5.8			
4	11.7	9.9	10.9	9.9	8.0	9.0	8.4	7.0	7.8	8.2	5.1	6.8			
5	11.6	10.0	10.9	9.3	6.6	7.9	8.4	7.2	7.9	8.8	5.6	7.1			
6	11.2	9.7	10.5	8.7	6.8	7.8	8.5	7.1	8.0	8.3	4.8	6.8			
7	10.9	8.5	9.9	8.7	6.3	7.9	8.4	7.0	7.9	8.2	4.4	6.7			
8	11.2	9.0	10.3	9.0	6.8	8.2	8.4	6.8	7.7	7.5	4.3	6.4			
9	11.3	9.8	10.6	9.2	7.5	8.5	8.3	6.6	7.7	7.3	4.2	6.0			
10	11.2	9.6	10.5	9.2	6.9	8.0	8.5	6.7	7.8	7.2	4.2	5.7			
11	11.2	9.3	10.3	9.6	6.7	8.2	8.4	6.6	7.7	7.2	3.5	5.3			
12	11.0	9.3	10.1	9.5	6.9	8.4	8.1	6.2	7.3	6.7	3.9	5.3			
13	10.9	9.2	10.3	9.6	6.8	8.4	7.8	5.8	7.0	7.7	4.6	5.9			
14	10.8	9.4	10.1	9.3	6.4	8.1	8.7	6.8	7.6	8.6	5.6	6.6			
15	10.5	8.8	9.8	---	---	---	8.9	7.5	8.2	8.4	6.0	6.9			
16	10.8	9.3	10.1	8.8	7.0	7.9	9.0	7.6	8.2	7.8	5.6	6.5			
17	10.8	9.5	10.2	8.8	7.0	7.9	8.9	7.3	8.1	8.0	5.3	6.6			
18	11.2	9.6	10.6	8.9	7.1	8.0	8.7	7.0	8.0	7.6	5.1	6.4			
19	11.2	9.9	10.8	8.8	6.8	8.2	8.5	6.7	7.8	7.3	5.2	6.3			
20	11.0	9.6	10.6	8.5	7.1	8.0	8.3	6.5	7.5	---	---	---			
21	---	---	---	8.6	6.9	7.9	8.1	6.1	7.3	---	---	---			
22	---	---	---	9.0	7.2	8.3	8.0	5.8	7.1	---	---	---			
23	---	---	---	9.5	7.8	8.6	7.9	6.0	7.1	---	---	---			
24	---	---	---	9.6	8.1	8.9	8.1	5.7	7.1	---	---	---			
25	---	---	---	9.4	7.8	8.8	7.7	5.7	6.9	---	---	---			
26	---	---	---	9.2	7.8	8.5	7.4	5.3	6.5	---	---	---			
27	---	---	---	8.9	7.5	8.3	7.7	5.1	6.6	---	---	---			
28	---	---	---	8.8	7.3	8.2	8.2	5.8	7.2	---	---	---			
29	---	---	---	8.5	7.1	7.9	7.8	6.2	7.1	---	---	---			
30	---	---	---	8.6	7.1	7.7	7.6	5.6	6.7	---	---	---			
31	---	---	---	7.8	6.7	7.4	---	---	---	---	---	---			
MONTH	---	---	---	---	---	---	9.0	5.1	7.5	---	---	---			

02176720 MAY RIVER NEAR BLUFFTON, SC

LOCATION.--Lat 32°13'54'', long 80°52'10'', Beaufort County, Hydrologic Unit 03050208, wooden shelter is attached to the railing of a dock 0.4 mi south of Bluffton.

DRAINAGE AREA.--20.9 mi², approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--June 2002 to June 2004 (discontinued).

REVISED RECORDS.--WRD SC-2004-1:2002-2003.

GAGE.--Data collection platform and acoustic velocity meter. Elevation of gage is 15 ft above NGVD of 1929 (from topographic map).

REMARKS.--Records poor. This site is strongly affected by astronomical tides. The astronomical tides occur at primary harmonic periods of 12.42 hours for semi-diurnal tides and 24.84 hours for diurnal tides. Computed 24-hour daily mean discharge for this site may be affected by aliasing due to tides and, thus, may contain spurious fluctuations or oscillations that are not indicative of net downstream discharge.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 44,100 ft³/s, Dec. 24, 2003, maximum gage height, 19.73 ft, Dec. 4, 2002; minimum discharge, -33,600 ft³/s, Apr. 17, 2003, minimum gage height, 6.15 ft, Mar. 8, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 44,100 ft³/s, Dec. 24, maximum gage height, 18.95 ft, Nov. 26; minimum discharge, -30,300 ft³/s, May 5, minimum gage height, 6.15 ft, Mar. 8.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	---	---	---	---	---	---	21200	-18200	19000	-10400	14100	-11000
2	---	---	---	---	---	---	20500	-15100	17800	-11000	18100	-16300
3	---	---	---	---	---	---	18200	-14100	12700	-13900	20600	-17900
4	---	---	---	---	---	---	19100	-17700	22800	-13500	22500	-18300
5	---	---	---	---	---	---	20700	-18200	13900	-11300	28000	-27400
6	---	---	---	---	22700	-19400	---	---	13100	-16000	30300	-31700
7	---	---	---	---	26200	-22300	---	---	14700	-19500	32500	-33500
8	---	---	---	---	28900	-24400	---	---	22100	-25500	36200	-31000
9	---	---	---	---	28700	-24700	---	---	23900	-29300	32200	-29300
10	---	---	---	---	26600	-25800	24900	-21700	26400	-22500	29800	-24600
11	---	---	---	---	28400	-26700	25800	-20800	23500	-25400	29400	-21200
12	---	---	---	---	26800	-24400	27100	-23300	21400	-17700	23700	-21200
13	---	---	---	---	28100	-26100	22400	-22400	19900	-18600	21900	-17200
14	---	---	---	---	30700	-25400	22400	-20500	19100	-13400	17900	-15500
15	---	---	---	---	35100	-27200	27700	-16800	16000	-12800	18000	-14400
16	---	---	---	---	28700	-24200	21600	-15100	14800	-11500	21200	-13200
17	---	---	---	---	26400	-24200	20500	-16400	14900	-10300	18100	-16000
18	---	---	---	---	28200	-22800	18600	-16600	15600	-15700	18600	-18600
19	---	---	---	---	28200	-22500	20200	-16800	17800	-14500	29600	-19700
20	---	---	---	---	30400	-23400	---	---	16100	-13600	28000	-23600
21	---	---	---	---	32200	-27000	---	---	18300	-15500	29500	-25300
22	---	---	---	---	---	---	---	---	14100	-13200	28800	-22400
23	---	---	---	---	---	---	---	---	19100	-14600	24800	-20600
24	---	---	---	---	---	---	---	---	25600	-14800	20600	-17400
25	---	---	---	---	---	---	19700	-19800	29100	-20500	23200	-17700
26	---	---	---	---	---	---	21800	-18500	39200	-21000	17200	-17900
27	---	---	---	---	---	---	19700	-16600	18100	-15400	26600	-13300
28	---	---	---	---	---	---	17300	-14900	20800	-11100	15100	-15700
29	---	---	---	---	25200	-16500	16700	-16700	18400	-11400	17400	-15400
30	---	---	---	---	21100	-14700	21100	-11700	19400	-14200	18800	-12800
31	---	---	---	---	---	---	15300	-12300	21400	-14100	---	---
MONTH	---	---	---	---	---	---	---	---	39200	-29300	36200	-33500

BROAD RIVER BASIN

02176720 MAY RIVER NEAR BLUFFTON, SC--Continued

Discharge, cubic feet per second
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	20700	-17300	27400	-25800	30200	-22100	32000	-30800	26700	-23200	29800	-24200
2	19100	-15600	31400	-27600	31100	-26300	30500	-27700	24900	-21400	29500	-22900
3	26000	-20200	32200	-29900	31200	-26900	24600	-25600	24200	-21000	29800	-23800
4	27400	-31000	34200	-30800	33700	-33100	27900	-25500	24200	-17100	30200	-21800
5	35200	-29700	35800	-32800	34600	-30000	26500	-22800	22100	-13500	27100	-19600
6	39800	-33100	34300	-29100	32500	-24900	25600	-17500	20500	-14600	23600	-20600
7	36600	-31800	31300	-26300	28500	-21500	23900	-13800	20500	-11000	---	---
8	32100	-30900	29400	-23800	27100	-18000	18800	-13600	16100	-9360	---	---
9	35500	-29100	26700	-22300	25200	-17400	15800	-10900	15000	-10200	18700	-11000
10	23400	-22700	23100	-18400	23600	-18600	17000	-10900	19500	-9220	18300	-9880
11	25200	-14900	22900	-17200	23100	-15700	---	---	20500	-12100	17800	-12200
12	21100	-14900	19900	-14100	22800	-13100	---	---	18900	-14000	17400	-12900
13	18000	-13700	19900	-17400	---	---	---	---	24100	-13700	16800	-14200
14	16600	-12900	22800	-17000	---	---	---	---	20500	-15100	24200	-18000
15	15300	-17000	24700	-19200	---	---	18800	-14600	24900	-22000	25200	-18400
16	20200	-16400	23700	-21100	20300	-16000	23300	-18800	29200	-27400	27800	-23100
17	21200	-14400	24500	-21400	25800	-20000	24700	-17800	30700	-29100	32200	-27700
18	18900	-15200	26800	-18100	27300	-22500	26000	-23400	31500	-27400	33200	-27900
19	18800	-14400	26900	-20300	27700	-22100	21200	-21100	30100	-27100	33700	-31000
20	20000	-14400	27000	-22400	27800	-23400	22300	-19300	31100	-27300	35000	-30700
21	23900	-16100	27100	-23300	27700	-17500	24000	-19600	29900	-23200	30500	-28500
22	23900	-20400	23800	-21000	24600	-17200	25700	-21700	25600	-22100	31100	-23400
23	21500	-15900	22200	-17500	24000	-17700	22100	-13800	21800	-18300	29800	-18900
24	19200	-15600	22200	-16700	30100	-23700	22400	-15800	26400	-16800	26300	-18300
25	24200	-20400	21200	-15200	17100	-14700	22400	-14600	25300	-18700	26000	-19400
26	23000	-18700	23200	-16900	27700	-20400	24300	-19500	24800	-18700	25100	-18200
27	23100	-17200	23200	-18300	30000	-20300	20700	-17100	26100	-21600	24300	-19800
28	21700	-17700	25900	-20100	25400	-18100	22700	-19400	27900	-21700	24800	-20100
29	21700	-18800	26700	-23200	24500	-18700	23600	-21100	---	---	27100	-19100
30	22600	-22000	22500	-17000	28100	-23800	25400	-25100	---	---	---	---
31	24500	-22400	---	---	28300	-26200	26600	-22600	---	---	28700	-21700
MONTH	39800	-33100	35800	-32800	---	---	---	---	31500	-29100	---	---

DAY	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	25800	-22600	24400	-22300	37400	-25300	24400	-26000	28400	-22200	22800	-19100
2	25700	-21600	25600	-24100	34100	-25500	27500	-19000	27400	-17700	21600	-17400
3	22900	-21100	25600	-20900	32500	-25500	27500	-22100	27200	-17100	19500	-18700
4	23700	-21300	22700	-23300	36300	-24400	27600	-19700	24400	-16700	19200	-19100
5	23700	-16700	22200	-20100	26100	-22800	25500	-18300	28600	-18100	19200	-19200
6	20900	-19400	22100	-16300	32600	-23300	24600	-18500	25200	-22900	20600	-19200
7	21500	-14600	23600	-14600	35300	-23100	25100	-19200	29800	-20300	24300	-19900
8	27400	-17700	20700	-15600	33200	-24400	25800	-20500	26500	-25000	24100	-20600
9	20700	-14500	21700	-15900	33500	-24900	29400	-24400	30300	-25900	26100	-21500
10	21700	-16500	19100	-15100	37000	-28900	33000	-28500	31200	-26400	24100	-19600
11	20400	-19500	26200	-17600	37900	-29700	34300	-30500	30200	-23900	22000	-18400
12	23000	-18300	22900	-20000	34700	-31700	38300	-30100	28500	-24300	24700	-18800
13	25800	-21200	26800	-27200	36200	-32300	34800	-26600	29300	-22400	23000	-15400
14	29100	-23700	31100	-30100	37400	-31100	32800	-28200	27800	-19400	19200	-15600
15	31000	-27000	28700	-31200	37400	-30900	34700	-27200	26900	-17700	17700	-12400
16	35500	-30400	32400	-31300	34600	-27700	32600	-23700	24400	-15900	17100	-11000
17	35100	-33600	30400	-29900	33500	-25500	31800	-19800	21200	-14100	16300	-11400
18	33300	-31400	30800	-27500	30800	-21400	29400	-18700	16900	-12600	14100	-10600
19	33600	-27900	26200	-26000	30300	-19500	25600	-16900	16900	-12600	11500	-9800
20	30700	-26300	29200	-24000	22900	-17500	22400	-16900	15700	-13200	16200	-12700
21	29800	-23900	32900	-23600	22100	-20000	22400	-15200	14300	-13800	15100	-15700
22	29300	-21700	31600	-23600	23700	-21100	19700	-18200	15600	-12500	16000	-15600
23	24300	-18700	29600	-22700	21800	-19700	21800	-14300	14000	-14500	20300	-17300
24	21600	-18300	30500	-21700	23400	-20600	17200	-14300	18800	-16300	22600	-19900
25	21300	-16800	32000	-22000	22200	-21200	21800	-13700	23800	-21000	27500	-22800
26	25100	-18900	31500	-23900	26000	-20400	23800	-20500	24000	-23500	27700	-23200
27	22900	-22300	30500	-23300	25800	-23500	24800	-20000	28600	-25600	28500	-22900
28	25100	-22200	35700	-25700	25900	-24200	28400	-21600	28000	-25600	26200	-22300
29	26900	-25000	33500	-25500	25500	-21100	26400	-22700	25700	-25500	31400	-19700
30	24600	-25600	36000	-26200	26100	-23700	30000	-24300	30200	-22100	27700	-17500
31	---	---	37400	-24200	---	---	30000	-22600	25100	-19300	---	---
MONTH	35500	-33600	37400	-31300	37900	-32300	38300	-30500	31200	-26400	31400	-23200

02176720 MAY RIVER NEAR BLUFFTON, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--June 2002 to June 2004 (discontinued).

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: June 2002 to June 2004 (discontinued).

WATER TEMPERATURE: June 2002 to June 2004 (discontinued).

DISSOLVED OXYGEN: June 2002 to June 2004 (discontinued).

INSTRUMENTATION.--Water-quality multiprobe and data collection platform.

REMARKS.--Specific conductance records rated excellent except for Dec. 12-17, Feb. 26 to Mar. 2, which are good. Temperature records rated excellent. Dissolved oxygen records rated poor. Dissolved oxygen concentrations are not corrected for salinity.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 53,600 microsiemens, June 17, 2002; minimum, 24,700 microsiemens, Apr. 14, 2003.

WATER TEMPERATURE: Maximum, 33.1°C, July 19, 2002; minimum, 5.9°C, Jan. 25, 2003.

DISSOLVED OXYGEN: Maximum, 12.3 mg/L, Jan. 28, 2004; minimum, 2.9 mg/L, Aug. 24, 2002.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 48,500 microsiemens, Dec. 7, 8; minimum, 41,200 microsiemens, Feb. 19.

WATER TEMPERATURE: Maximum, 30.3°C, June 8; minimum, 7.6°C, Jan. 29.

DISSOLVED OXYGEN: Maximum, 12.3 mg/L, Jan. 28; minimum, 3.4 mg/L, May 30.

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	25.0	23.2	24.3	22.1	20.9	21.6	15.3	13.5	14.5	11.5	9.9	11.0
2	24.6	23.3	24.1	22.0	20.6	21.6	14.8	13.1	14.0	11.5	10.0	11.1
3	24.0	22.4	23.3	21.9	21.2	21.7	14.1	12.6	13.4	12.3	11.1	11.5
4	24.2	22.1	23.3	23.0	21.8	22.2	13.4	12.6	13.1	13.6	11.8	12.4
5	24.1	22.9	23.6	23.7	22.4	23.0	13.3	12.5	12.9	14.9	12.8	13.7
6	24.1	23.3	23.8	24.3	23.1	23.7	12.8	11.6	12.3	14.8	12.8	13.9
7	24.0	23.3	23.7	24.9	23.6	24.1	12.2	11.2	11.9	13.4	11.2	12.6
8	24.2	23.3	23.7	24.4	23.1	23.9	12.0	11.1	11.6	12.1	11.2	11.6
9	24.1	23.4	23.6	23.1	20.7	22.1	12.5	11.1	11.7	11.5	11.0	11.3
10	24.3	23.3	23.7	20.7	19.7	20.1	13.0	11.7	12.3	11.0	10.3	10.7
11	23.9	23.4	23.6	20.6	19.0	19.6	12.5	11.7	12.0	10.4	9.1	9.8
12	24.4	23.2	23.6	20.9	19.3	19.9	12.5	10.9	11.7	10.1	8.5	9.4
13	25.0	23.3	23.9	20.5	19.6	20.0	12.0	11.2	11.7	10.2	8.7	9.5
14	25.1	23.9	24.3	19.6	18.4	18.7	12.0	11.5	11.8	10.8	8.8	9.8
15	24.4	23.4	23.8	18.9	17.6	18.2	12.0	10.2	11.2	11.1	9.7	10.3
16	23.9	22.6	23.1	19.1	17.5	18.3	11.8	10.3	11.2	11.0	9.4	10.4
17	23.8	22.4	23.1	19.6	18.0	18.8	11.6	10.9	11.4	11.0	9.4	10.4
18	23.3	22.4	22.9	20.4	18.8	19.6	11.2	9.4	10.5	12.2	10.6	11.3
19	22.9	21.6	22.5	20.2	19.5	20.0	10.6	9.2	10.0	12.0	11.1	11.5
20	22.9	21.5	22.4	19.7	18.2	19.2	9.9	8.3	9.2	11.3	10.1	10.9
21	22.7	21.5	22.4	19.2	17.6	18.8	9.2	8.0	8.7	10.8	10.0	10.5
22	22.3	21.2	22.1	18.9	17.8	18.6	9.1	8.1	8.7	11.0	9.8	10.3
23	21.9	20.9	21.6	19.1	18.1	18.6	10.2	8.5	9.3	10.9	9.8	10.1
24	22.1	21.1	21.4	19.8	18.5	18.9	11.3	9.8	10.3	10.9	9.2	10.0
25	22.2	21.0	21.4	18.6	18.0	18.3	10.7	10.1	10.3	10.5	10.2	10.3
26	23.2	21.4	22.0	18.3	16.9	17.8	10.9	9.3	10.1	10.4	10.0	10.2
27	22.8	22.0	22.3	18.9	17.2	18.1	10.8	9.1	10.0	---	---	---
28	22.3	21.9	22.1	18.9	17.9	18.3	11.0	9.0	10.1	9.6	8.1	9.0
29	22.4	21.5	21.8	18.0	15.5	16.3	10.8	9.4	10.3	9.4	7.6	8.7
30	22.3	20.7	21.6	16.1	13.9	15.1	11.4	10.4	10.8	---	---	---
31	22.1	20.5	21.6	---	---	---	11.5	10.1	11.0	---	---	---
MONTH	25.1	20.5	22.9	24.9	13.9	19.8	15.3	8.0	11.2	---	---	---

BROAD RIVER BASIN

02176720 MAY RIVER NEAR BLUFFTON, SC--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	46800	44400	45700	46400	44700	45600	46500	45500	46000	45500	45100	45300
2	46900	44800	45900	46400	44900	45700	46500	45600	46100	45400	45200	45300
3	47100	45300	46200	46400	44800	45800	46900	45200	46200	45400	45200	45300
4	47200	45100	46300	46300	44500	45700	48200	46900	47700	45400	45100	45300
5	47200	45000	46200	46400	44300	45600	48400	47500	48000	45300	45000	45200
6	47600	45000	46600	46400	44100	45600	48400	47700	48100	45300	44900	45100
7	47900	45200	46800	46600	44200	45700	48500	47700	48200	45200	44900	45100
8	47900	45400	46800	46600	44400	45900	48500	47700	48100	45200	44900	45100
9	47700	45200	46700	46800	44900	46100	48400	47500	48000	45100	44700	44900
10	47800	45400	46800	46900	45100	46200	48200	47200	47700	44800	44400	44700
11	47700	45600	46900	47000	45000	46200	47800	46900	47300	44800	44300	44600
12	47800	45800	47000	47000	45000	46100	47700	46800	47200	44800	44400	44600
13	47900	45700	47000	46800	44700	45800	47500	46600	47000	44800	44400	44600
14	47800	46100	47000	46700	44800	45800	47200	45900	46600	44800	44400	44700
15	48000	45600	46700	46700	44900	45900	46700	45500	46100	45200	44400	44800
16	47600	45900	46800	46700	44900	45900	46300	45200	45800	45300	44800	45100
17	47400	46100	46800	46400	44000	45400	45900	43200	44900	45300	44800	45100
18	47500	46100	46800	46400	45300	45800	45500	44400	45100	45400	44600	45000
19	47400	46200	46800	46400	44600	45700	45600	44400	45100	45300	44600	45000
20	47600	46000	46800	46500	44700	45700	45700	44400	45200	45400	44600	45100
21	47600	45900	46800	46500	44900	45800	45800	44500	45300	45600	44700	45200
22	47800	45700	47000	46600	44800	45800	45900	44400	45400	45600	44800	45200
23	48100	45900	47300	46400	44900	45800	45900	44500	45400	45600	44800	45300
24	48200	46100	47400	46400	45000	45800	45800	44700	45300	45700	44900	45300
25	48200	46200	47500	46400	45000	45800	45700	44800	45300	45700	44800	45300
26	48200	46300	47400	46400	45400	45900	45700	44800	45400	45700	44800	45300
27	48100	46400	47200	46400	45400	46000	45600	45000	45400	---	---	---
28	48000	45500	46800	46300	45200	45800	45600	45000	45400	45000	44000	44400
29	46600	43600	45400	46200	45200	45800	45600	45100	45400	44900	44100	44500
30	46400	44600	45600	46400	45500	45900	45600	45100	45300	---	---	---
31	46300	44800	45600	---	---	---	45600	45100	45300	---	---	---
MONTH	48200	43600	46700	47000	44000	45800	48500	43200	46200	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	46800	44600	45600	47100	46800	47000	46800	45800	46300
2	---	---	---	46800	44000	45400	47300	46900	47100	46300	44300	45400
3	45500	44000	44800	46900	43800	45400	47300	47000	47200	---	---	---
4	45400	43600	44700	46900	43500	45400	47400	47000	47200	43800	42500	43200
5	45700	43700	44800	46800	43300	45300	47400	46900	47200	43000	41600	42300
6	45500	43600	44500	46700	43000	45100	47400	47000	47200	---	---	---
7	45000	42700	44000	46600	42700	45100	47400	46900	47200	---	---	---
8	45200	42600	44000	46500	43100	45300	47300	46700	47000	---	---	---
9	45200	42900	44300	46600	43900	45600	47100	46600	46900	---	---	---
10	45300	42800	44300	46400	43900	45700	47000	46500	46700	---	---	---
11	45400	43100	44400	46400	44700	45700	46800	45900	46500	---	---	---
12	45400	43000	44400	46200	44900	45700	46600	45500	45800	---	---	---
13	45400	42900	44300	46200	45100	45800	46000	44700	45400	45900	45500	45700
14	45400	42600	44100	46200	45100	45700	45900	45100	45600	46000	45600	45800
15	45300	41700	43900	46000	44900	45500	46200	45600	46000	---	---	---
16	45300	42100	44000	45800	44900	45400	46400	45800	46200	46000	45600	45900
17	45600	42400	44300	45800	44800	45400	46500	45900	46300	46100	45900	46000
18	45800	41300	44200	45800	44700	45300	46600	46000	46400	46200	45800	45900
19	46100	41200	44300	45500	44600	45200	46600	46100	46400	46000	45600	45900
20	46200	41400	44300	45800	45100	45500	46700	46300	46500	46100	45700	45900
21	46200	41700	44400	45800	45200	45600	46900	46500	46700	46200	45700	46000
22	46400	42100	44600	46300	45600	46000	46900	46600	46800	46200	45800	46100
23	46500	42800	45000	46600	46100	46400	47000	46100	46700	46300	45800	46100
24	46500	43300	45200	46700	46200	46500	46900	46100	46600	46400	45900	46200
25	46700	44100	45600	46900	46300	46600	46900	46300	46700	46400	45900	46200
26	47000	44200	45700	46800	46300	46600	46900	46300	46700	46400	45900	46200
27	46600	43600	45400	46900	46400	46600	46700	46400	46600	46400	45900	46200
28	46900	43900	45800	---	---	---	46800	46400	46600	46500	45800	46200
29	46900	44800	45800	---	---	---	46900	46300	46700	46500	45800	46200
30	---	---	---	---	---	---	46800	46100	46600	46700	44900	46200
31	---	---	---	---	---	---	---	---	---	46900	45800	46400
MONTH	---	---	---	---	---	---	47400	44700	46600	---	---	---

02176720 MAY RIVER NEAR BLUFFTON, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.6	5.8	6.8	6.8	5.5	6.3	---	---	---	10.8	10.2	10.5
2	7.5	5.6	6.7	7.6	5.5	6.4	---	---	---	10.6	10.0	10.5
3	7.5	5.9	6.8	7.6	6.2	6.9	---	---	---	10.6	9.9	10.3
4	7.2	5.8	6.7	6.8	5.6	6.4	10.0	9.5	9.7	10.4	9.7	10.2
5	6.8	5.3	6.2	6.5	5.2	6.0	9.8	9.4	9.6	10.3	9.3	9.9
6	6.2	5.2	5.8	6.2	5.0	5.8	10.1	9.4	9.8	9.9	9.2	9.6
7	5.9	4.8	5.5	6.3	4.8	5.7	10.3	9.6	9.9	10.2	9.4	9.8
8	5.9	5.0	5.4	5.7	4.6	5.2	10.5	9.6	10.0	10.5	9.7	10.1
9	5.9	5.0	5.4	6.2	4.4	5.7	10.6	9.7	10.1	10.1	9.5	10.0
10	6.2	4.9	5.6	7.8	5.4	6.6	10.2	9.6	9.9	10.6	9.6	10.1
11	6.2	5.0	5.6	8.3	6.0	7.0	10.6	9.6	10.0	11.2	9.9	10.5
12	6.9	5.0	6.0	8.4	6.3	7.2	10.8	9.7	10.2	11.1	10.3	10.7
13	6.2	4.9	5.6	8.6	6.6	7.5	10.6	9.8	10.2	11.2	10.4	10.8
14	---	---	---	8.9	7.5	8.0	10.3	9.6	10.0	11.2	10.4	10.9
15	---	---	---	9.0	7.6	8.1	10.9	9.6	10.2	11.4	10.3	10.9
16	8.2	6.2	7.1	9.6	8.1	8.9	10.9	10.0	10.5	11.2	10.4	10.9
17	8.1	6.6	7.4	8.9	7.9	8.5	10.8	9.8	10.4	11.1	10.5	10.9
18	7.8	6.3	7.2	8.5	7.1	8.0	11.1	10.1	10.6	11.0	10.3	10.7
19	7.8	6.3	7.2	---	---	---	11.1	10.4	10.8	10.7	9.7	10.5
20	7.8	6.4	7.2	---	---	---	11.3	10.6	10.9	10.9	10.4	10.7
21	7.5	6.1	7.0	---	---	---	11.3	10.6	11.0	11.3	10.5	10.8
22	7.3	5.9	6.8	---	---	---	11.3	10.6	11.0	11.4	10.5	11.0
23	7.2	6.1	6.7	---	---	---	11.2	10.5	10.9	11.7	10.7	11.2
24	7.3	5.9	6.6	---	---	---	11.0	10.2	10.7	11.8	10.9	11.4
25	7.2	5.9	6.5	---	---	---	11.4	10.2	10.7	11.6	10.6	11.2
26	6.9	5.4	6.3	---	---	---	11.4	10.3	10.7	11.5	10.8	11.3
27	6.4	5.3	6.0	---	---	---	11.2	10.4	10.8	---	---	---
28	5.8	5.0	5.5	---	---	---	11.2	10.5	10.9	12.3	11.2	11.7
29	6.4	5.2	5.8	---	---	---	10.9	10.3	10.7	---	---	---
30	6.7	5.1	6.0	---	---	---	11.2	9.8	10.5	---	---	---
31	6.8	5.2	6.3	---	---	---	10.8	10.1	10.5	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	---	---	---	8.6	7.5	8.2	6.4	4.9	5.8
2	---	---	---	10.6	9.4	10.2	8.7	7.8	8.4	6.2	5.3	5.7
3	11.6	9.7	10.6	10.4	9.5	10.1	8.9	7.8	8.5	6.2	5.0	5.6
4	11.6	9.9	10.6	10.1	9.0	9.9	9.1	7.9	8.6	7.4	5.3	6.2
5	---	---	---	9.9	8.3	9.4	9.4	7.9	8.7	7.5	5.6	6.6
6	---	---	---	9.1	7.8	8.5	9.7	7.8	8.7	7.5	5.6	6.6
7	---	---	---	9.5	7.4	8.6	9.8	7.4	8.7	7.6	5.3	6.4
8	---	---	---	9.6	8.0	8.7	9.6	7.7	8.6	7.3	5.1	6.4
9	---	---	---	9.7	8.2	8.9	9.5	7.5	8.6	7.3	5.1	6.3
10	---	---	---	9.8	7.8	8.9	9.3	7.6	8.6	7.2	5.0	6.2
11	10.6	9.6	10.1	10.4	8.6	9.3	9.2	7.3	8.5	6.4	5.0	5.8
12	10.2	9.8	10.1	10.2	8.7	9.5	9.0	7.3	8.3	7.3	4.5	5.8
13	10.8	9.7	10.0	10.6	8.9	9.9	8.6	6.6	7.7	7.6	5.1	6.2
14	10.5	9.1	10.1	10.3	8.9	9.8	8.3	7.2	7.8	8.0	5.2	6.7
15	10.0	8.8	9.6	---	---	---	8.5	7.4	8.0	---	---	---
16	10.1	9.0	9.7	---	---	---	8.6	7.5	8.2	7.4	5.1	6.4
17	10.2	8.7	9.7	---	---	---	8.6	7.2	8.1	7.8	4.6	6.6
18	10.5	9.5	10.1	---	---	---	8.6	6.8	8.0	7.7	5.2	6.5
19	10.6	9.4	10.1	8.4	7.2	7.9	8.5	6.7	7.7	7.9	5.1	6.8
20	10.8	9.4	10.3	8.2	7.2	7.8	7.8	6.6	7.4	8.0	5.3	6.9
21	10.3	9.1	9.9	8.3	6.9	7.9	8.1	6.2	7.2	7.8	5.8	6.9
22	10.1	9.0	9.6	8.9	7.2	8.1	7.6	6.0	7.0	7.3	5.7	6.5
23	10.7	9.2	10.2	9.3	7.6	8.3	7.9	6.2	7.2	6.7	5.1	5.7
24	---	---	---	9.3	7.8	8.5	8.0	6.2	7.3	7.0	4.4	5.5
25	---	---	---	9.2	7.8	8.6	7.9	6.3	7.2	7.4	4.8	6.0
26	---	---	---	9.1	7.7	8.6	7.4	6.2	6.7	7.1	5.2	6.0
27	---	---	---	9.0	7.8	8.6	7.2	5.0	6.3	6.4	4.9	5.7
28	---	---	---	8.9	7.8	8.5	7.7	5.9	6.8	6.4	4.4	5.3
29	---	---	---	8.8	7.6	8.4	7.4	6.0	6.9	5.4	4.2	4.9
30	---	---	---	8.6	7.6	8.2	7.1	5.6	6.5	5.7	3.4	4.7
31	---	---	---	8.3	7.1	7.9	---	---	---	5.9	4.5	5.2
MONTH	---	---	---	---	---	---	9.8	5.0	7.8	---	---	---

02176735 MAY RIVER BELOW BRIGHTON BEACH, SC

WATER-QUALITY RECORDS

PERIOD OF RECORD.--June 2002 to June 2004 (discontinued).

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: June 2002 to June 2004 (discontinued).

WATER TEMPERATURE: June 2002 to June 2004 (discontinued).

DISSOLVED OXYGEN: June 2002 to June 2004 (discontinued).

INSTRUMENTATION.--Water-quality multiprobe and data collection platform.

REMARKS.--Specific conductance records rated good except for Apr. 23 to May 4, which are fair. Temperature records rated excellent. Dissolved oxygen records rated fair except for Oct. 6-15, Oct. 22 to Nov. 5, Apr. 23 to May 12, May 20 to June 3, which are poor. Dissolved oxygen concentrations are not corrected for salinity.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 52,700 microsiemens, June 16, 2002; minimum, 35,500 microsiemens, Apr. 15, 2003.

WATER TEMPERATURE: Maximum, 31.9°C, July 29, 2002; minimum, 6.6°C, Jan. 24, 2003.

DISSOLVED OXYGEN: Maximum, 11.8 mg/L, Feb. 6, 2004; minimum, 3.6 mg/L, June 20, 21, 2002.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 49,100 microsiemens, June 8, 9; minimum, 40,400 microsiemens, May 3.

WATER TEMPERATURE: Maximum, 29.4°C, May 24, June 8; minimum, 8.2°C, Feb. 2.

DISSOLVED OXYGEN: Maximum, 11.8 mg/L, Feb. 6; minimum, 4.3 mg/L, Oct. 14.

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	47100	46000	46600	---	---	---	46600	46100	46300	46200	45800	46100
2	47200	46000	46600	---	---	---	46700	46200	46400	46200	45800	46000
3	47400	46300	46800	---	---	---	46700	45800	46200	46200	45800	46000
4	47400	46400	47000	---	---	---	46300	45600	45900	46100	45700	45900
5	47300	46500	46900	---	---	---	46000	45500	45700	46000	45600	45800
6	48400	46500	47500	47000	46100	46600	45900	45500	45700	45900	45700	45800
7	48300	47200	48000	47000	46100	46600	46000	45500	45700	46100	45700	45900
8	48300	47700	48000	46900	46100	46700	46000	45600	45800	46200	45800	46000
9	48200	47500	47900	47300	46500	47000	46100	45600	45900	46100	45800	46000
10	48100	47500	47900	48000	46900	47700	46100	45600	45800	46100	45800	46000
11	---	---	---	48100	47600	47900	46100	45400	45700	46300	46000	46100
12	---	---	---	48000	47600	47800	46100	45600	45800	46400	46100	46200
13	---	---	---	48000	47600	47800	46100	45600	45900	46400	45800	46200
14	---	---	---	48200	47500	48000	46100	45600	45800	46500	46000	46300
15	---	---	---	48200	47900	48000	46000	45400	45700	46700	46100	46300
16	---	---	---	48200	47900	48100	45900	45500	45700	46600	46000	46300
17	---	---	---	---	---	---	46200	45500	45900	46400	45700	46100
18	---	---	---	---	---	---	46500	46000	46300	46100	45300	45800
19	---	---	---	---	---	---	46600	46200	46400	45800	45200	45500
20	---	---	---	---	---	---	46800	46400	46700	45600	45100	45400
21	---	---	---	---	---	---	46900	46600	46800	45500	44900	45200
22	---	---	---	46400	46000	46200	47000	46400	46800	---	---	---
23	47900	47400	47700	---	---	---	46900	46300	46600	45600	45000	45400
24	47900	47200	47700	---	---	---	46700	46100	46400	45700	45100	45400
25	47900	47600	47800	---	---	---	46500	46100	46400	45700	45200	45500
26	47900	47700	47800	46300	46000	46200	46600	46100	46400	45700	45100	45500
27	---	---	---	46400	46000	46300	46500	46000	46300	45500	44600	45200
28	47900	46500	47500	46400	46000	46200	46600	46000	46300	45300	44800	45100
29	47500	46000	46600	46400	45900	46100	46400	46000	46200	45400	44900	45200
30	47000	46100	46400	46500	46000	46300	46300	45900	46100	45400	45100	45200
31	46900	46200	46500	---	---	---	46200	45800	46100	45500	45200	45300
MONTH	---	---	---	---	---	---	47000	45400	46100	---	---	---

02176735 MAY RIVER BELOW BRIGHTON BEACH, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	24.7	23.6	24.3	22.2	21.6	21.8	15.7	14.9	15.3	11.6	10.9	11.3			
2	24.4	23.8	24.1	22.0	21.5	21.8	15.2	14.4	14.7	11.6	11.0	11.3			
3	23.8	22.8	23.3	21.9	21.4	21.8	14.6	13.7	14.1	12.1	11.2	11.6			
4	23.6	22.9	23.2	22.7	21.8	22.1	14.0	13.4	13.6	12.9	11.6	12.2			
5	23.9	23.2	23.5	23.4	22.2	22.7	13.5	13.0	13.3	13.8	12.3	13.1			
6	24.1	23.4	23.7	24.0	22.7	23.3	13.0	12.4	12.7	13.6	12.9	13.3			
7	23.8	23.4	23.6	24.6	23.0	23.6	12.5	11.9	12.3	13.0	11.6	12.2			
8	24.2	23.3	23.5	23.9	23.0	23.5	12.4	11.9	12.1	11.8	11.1	11.5			
9	23.8	23.3	23.5	23.1	20.7	22.0	12.6	11.8	12.2	11.5	11.0	11.3			
10	24.0	23.2	23.5	20.9	19.3	20.1	12.9	12.1	12.6	11.0	10.2	10.7			
11	23.8	23.3	23.5	20.2	18.8	19.6	12.6	12.0	12.4	10.2	9.2	9.9			
12	23.9	23.1	23.5	20.5	19.3	19.9	12.4	11.8	12.1	10.1	9.0	9.6			
13	24.2	23.3	23.7	20.2	19.5	19.9	12.3	11.9	12.1	10.0	9.3	9.7			
14	24.7	23.7	24.1	19.5	18.8	19.2	12.3	11.7	12.1	10.4	9.6	9.9			
15	---	---	---	19.2	18.6	18.8	11.9	11.2	11.6	10.9	10.1	10.4			
16	---	---	---	19.3	18.5	18.9	12.1	11.3	11.7	10.7	10.2	10.4			
17	---	---	---	19.8	18.8	19.3	12.1	11.5	11.8	10.6	10.1	10.4			
18	---	---	---	20.3	19.5	19.9	11.5	10.8	11.1	11.4	10.4	10.9			
19	---	---	---	20.3	19.9	20.1	10.9	10.2	10.5	11.4	10.9	11.2			
20	---	---	---	20.0	19.2	19.4	10.2	9.3	9.8	11.2	10.3	10.7			
21	---	---	---	19.3	18.6	19.0	9.7	8.7	9.2	10.7	9.9	10.3			
22	---	---	---	19.1	18.4	18.7	9.5	8.7	9.1	10.6	9.9	10.2			
23	22.1	21.3	21.7	19.3	18.4	18.7	10.2	9.0	9.6	10.5	9.7	10.0			
24	21.8	21.0	21.3	19.4	18.7	19.0	11.1	9.8	10.5	10.6	9.4	9.9			
25	21.6	21.0	21.3	18.8	18.1	18.5	10.8	10.3	10.5	10.4	10.1	10.2			
26	22.3	21.3	21.7	18.2	17.6	18.0	10.8	10.0	10.4	10.3	10.0	10.1			
27	22.4	21.8	22.1	18.7	17.8	18.2	10.9	10.0	10.4	10.1	9.5	9.8			
28	22.2	21.9	22.0	18.9	18.1	18.5	11.0	10.1	10.6	9.5	8.7	9.2			
29	22.2	21.5	21.8	18.1	16.3	17.1	10.9	10.5	10.7	9.2	8.7	8.9			
30	22.2	21.4	21.8	16.6	15.7	16.0	11.4	10.8	11.1	9.2	8.7	8.9			
31	22.2	21.4	21.8	---	---	---	11.5	10.9	11.2	9.3	8.7	9.0			
MONTH	---	---	---	24.6	15.7	20.0	15.7	8.7	11.7	13.8	8.7	10.6			
DAY	Temperature, water, degrees Celsius														
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN			
	FEBRUARY			MARCH			APRIL			MAY					
1	9.1	8.6	8.8	11.4	10.0	10.7	18.3	17.1	17.6	23.4	22.7	23.0			
2	8.7	8.2	8.4	12.4	10.7	11.6	17.5	16.5	16.8	23.6	22.6	23.1			
3	9.2	8.5	8.9	13.8	11.7	12.6	17.3	16.1	16.6	23.6	22.6	23.0			
4	9.6	8.8	9.1	14.3	12.4	13.4	17.3	16.3	16.7	22.8	21.7	22.3			
5	9.6	9.0	9.3	15.4	13.2	14.4	17.2	16.1	16.6	23.0	21.3	22.1			
6	11.9	9.6	10.4	16.3	13.9	15.3	17.6	16.2	16.8	23.9	21.9	22.7			
7	12.0	10.7	11.3	16.8	14.5	15.7	18.2	16.8	17.4	24.8	22.7	23.6			
8	11.1	10.3	10.8	16.3	14.6	15.5	18.7	17.3	17.9	25.6	23.3	24.5			
9	10.7	10.0	10.4	15.5	14.2	14.8	19.4	17.7	18.5	26.0	24.0	25.0			
10	10.8	10.2	10.4	14.9	13.8	14.3	20.5	18.3	19.4	26.2	24.3	25.2			
11	10.9	10.4	10.6	15.0	13.5	14.2	21.3	19.1	20.3	25.7	24.7	25.3			
12	10.8	10.4	10.6	15.2	13.8	14.4	21.8	19.8	20.9	25.8	24.7	25.2			
13	11.0	10.2	10.6	15.2	14.0	14.6	21.5	20.4	21.1	25.9	24.9	25.5			
14	10.9	10.5	10.7	16.0	14.3	15.0	21.2	19.3	19.9	26.3	25.0	25.6			
15	11.1	10.4	10.6	16.8	14.9	15.9	19.4	18.3	18.7	26.4	25.3	25.8			
16	11.0	10.3	10.5	17.2	15.4	16.5	19.6	18.2	18.8	26.2	25.5	25.8			
17	10.5	9.5	9.9	17.2	15.5	16.5	20.0	18.4	19.2	27.0	25.4	26.0			
18	9.8	9.0	9.4	17.3	15.5	16.4	21.0	18.9	19.8	27.0	25.7	26.2			
19	10.2	9.2	9.6	17.9	15.7	16.8	21.5	19.6	20.4	26.8	25.7	26.2			
20	10.6	9.5	10.0	17.9	16.2	17.1	22.4	20.0	20.8	27.7	25.8	26.5			
21	11.8	10.3	11.0	18.5	16.7	17.6	22.4	20.5	21.2	28.4	26.2	26.9			
22	12.3	11.0	11.6	17.6	16.3	16.9	23.2	21.0	21.8	28.9	26.5	27.3			
23	12.6	11.5	12.0	16.7	15.3	16.1	23.9	21.8	22.5	29.2	26.8	27.6			
24	12.9	11.9	12.4	16.8	15.2	15.9	25.0	22.3	23.2	29.4	27.2	27.9			
25	12.7	11.3	12.2	17.3	15.8	16.4	24.9	22.8	23.6	29.0	27.5	28.0			
26	11.6	9.9	10.9	18.1	16.4	17.1	24.4	23.2	23.7	28.6	27.7	28.1			
27	10.4	9.2	9.9	19.0	17.0	17.8	24.1	23.2	23.7	28.7	27.6	28.1			
28	10.0	8.5	9.3	19.5	17.4	18.3	23.5	22.6	23.1	28.6	27.6	28.1			
29	10.6	9.2	9.8	19.1	17.7	18.4	23.2	22.4	22.7	29.2	27.7	28.2			
30	---	---	---	18.8	17.7	18.3	23.4	22.5	22.9	28.8	27.6	28.1			
31	---	---	---	18.5	17.7	18.1	---	---	---	28.6	27.8	28.1			
MONTH	12.9	8.2	10.3	19.5	10.0	15.7	25.0	16.1	20.1	29.4	21.3	25.8			

02176735 MAY RIVER BELOW BRIGHTON BEACH, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.3	6.2	6.8	6.8	5.9	6.6	9.2	8.5	8.8	9.7	9.2	9.5
2	7.3	6.4	6.9	6.6	6.0	6.4	9.3	8.7	9.0	9.7	9.3	9.5
3	7.5	6.3	7.1	6.5	5.9	6.2	9.8	9.0	9.4	9.6	9.0	9.4
4	7.5	6.6	7.0	6.2	5.3	5.9	9.9	9.4	9.7	9.6	9.0	9.3
5	7.2	6.2	6.6	6.8	5.2	6.1	9.8	9.2	9.6	9.4	8.9	9.2
6	6.6	5.8	6.2	6.7	5.6	6.2	10.1	9.5	9.7	9.2	8.7	9.0
7	6.3	5.3	5.9	6.5	5.8	6.1	10.3	9.6	9.8	9.6	8.7	9.2
8	6.1	4.7	5.5	6.2	5.2	5.8	10.4	9.7	9.9	9.6	8.8	9.3
9	5.9	4.6	5.3	7.3	5.2	6.3	10.2	9.7	9.9	9.5	8.6	9.3
10	6.0	4.6	5.3	7.9	6.4	7.2	10.2	9.5	9.7	9.7	8.9	9.4
11	5.9	4.6	5.2	8.0	7.0	7.6	10.2	9.5	9.9	10.0	9.2	9.7
12	6.2	4.6	5.5	8.1	7.1	7.7	10.4	9.6	9.9	10.1	9.4	9.9
13	6.3	4.7	5.5	8.3	7.2	7.8	10.5	9.7	10.0	10.2	9.7	10.0
14	6.5	4.3	5.4	8.7	7.7	8.2	10.3	9.4	9.9	10.6	9.8	10.2
15	---	---	---	9.0	7.9	8.5	10.7	9.6	9.9	10.6	9.9	10.1
16	---	---	---	9.2	8.4	8.8	10.4	9.7	10.1	10.3	9.5	9.9
17	---	---	---	9.0	8.2	8.6	10.4	9.9	10.1	10.3	9.5	9.9
18	---	---	---	9.0	8.0	8.6	10.1	9.7	9.8	10.2	9.3	9.8
19	---	---	---	8.6	7.6	8.3	9.8	9.3	9.5	9.9	9.3	9.6
20	---	---	---	8.4	7.3	7.9	9.5	9.0	9.2	10.0	9.4	9.7
21	---	---	---	8.4	7.3	7.8	9.3	9.0	9.1	10.1	8.7	9.6
22	---	---	---	7.8	7.1	7.4	9.3	8.8	9.0	8.7	8.2	8.4
23	6.9	6.2	6.4	7.6	7.0	7.3	9.2	8.8	9.0	8.6	7.8	8.3
24	7.0	6.1	6.4	7.5	6.9	7.2	9.0	8.7	8.9	8.8	8.0	8.5
25	7.1	6.2	6.5	7.9	7.1	7.5	9.2	8.7	8.9	9.8	8.5	9.1
26	7.3	6.3	6.8	7.8	7.3	7.5	9.4	8.9	9.1	11.3	9.4	10.3
27	7.2	6.5	6.9	8.0	7.2	7.6	9.5	9.0	9.3	11.3	10.1	10.7
28	7.1	6.4	6.8	8.1	7.3	7.7	9.8	9.1	9.4	11.4	10.2	10.9
29	7.3	6.5	7.0	8.7	7.8	8.2	9.6	9.1	9.4	11.5	10.0	10.9
30	7.1	5.7	6.6	8.9	8.3	8.6	9.7	9.0	9.4	11.4	9.8	10.6
31	7.0	5.6	6.3	---	---	---	9.7	9.1	9.5	10.8	9.5	10.2
MONTH	---	---	---	9.2	5.2	7.4	10.7	8.5	9.5	11.5	7.8	9.7

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	10.7	9.4	10.1	10.9	10.2	10.7	8.1	7.6	7.9	---	---	---
2	10.5	9.5	10.1	11.4	10.4	10.9	8.3	7.7	8.0	---	---	---
3	10.6	9.1	10.1	11.1	10.5	10.9	8.1	7.5	7.7	---	---	---
4	10.7	9.4	10.2	10.8	10.2	10.7	8.2	7.5	8.0	---	---	---
5	11.3	9.9	10.6	10.7	9.1	10.1	8.4	7.9	8.1	---	---	---
6	11.8	10.2	11.0	9.9	8.7	9.4	8.4	7.7	8.1	---	---	---
7	10.8	9.2	10.1	9.8	8.3	9.2	8.5	7.8	8.2	---	---	---
8	10.5	8.7	9.8	9.9	8.2	9.2	8.3	7.8	8.1	---	---	---
9	10.4	8.8	9.8	10.0	8.2	9.2	8.5	7.7	8.2	---	---	---
10	10.2	8.8	9.8	10.2	8.3	9.2	8.7	7.8	8.2	---	---	---
11	10.1	9.6	9.9	10.4	8.7	9.5	8.7	7.8	8.3	---	---	---
12	10.1	9.6	9.9	10.2	8.6	9.4	8.4	7.7	8.1	---	---	---
13	10.4	9.5	9.9	9.9	8.8	9.2	8.2	7.5	7.9	7.6	6.3	7.1
14	10.2	9.8	10.0	9.7	8.5	9.1	8.6	8.0	8.3	7.9	6.5	7.1
15	10.2	9.4	9.8	9.7	8.3	8.8	8.7	8.2	8.4	7.7	6.5	7.0
16	10.4	9.8	10.0	9.3	8.3	8.8	8.8	8.2	8.4	7.3	6.2	6.6
17	10.3	9.8	10.1	8.9	8.0	8.5	8.7	8.0	8.3	7.5	5.6	6.5
18	10.5	9.9	10.2	9.8	8.2	9.0	8.5	7.6	8.0	7.3	5.5	6.4
19	10.6	10.2	10.4	9.6	8.9	9.3	8.1	7.0	7.7	7.3	5.4	6.3
20	10.5	10.0	10.3	9.5	8.8	9.1	7.8	7.1	7.5	8.5	5.6	6.9
21	10.3	9.8	10.2	9.3	8.6	9.0	7.8	6.8	7.4	8.4	6.6	7.4
22	10.4	9.9	10.1	9.8	8.7	9.1	8.0	6.8	7.5	8.1	6.9	7.4
23	10.3	9.7	10.1	10.2	8.9	9.4	7.6	6.8	7.3	7.6	6.8	7.1
24	10.2	9.6	9.9	10.0	9.1	9.5	7.2	6.1	6.6	7.2	5.8	6.6
25	10.0	9.3	9.8	9.8	9.2	9.5	7.0	6.1	6.6	7.7	5.6	6.7
26	10.4	9.6	10.0	9.6	9.1	9.4	6.7	6.0	6.4	7.5	6.1	6.8
27	10.5	9.9	10.2	9.5	8.9	9.2	6.7	5.8	6.3	7.6	6.1	6.8
28	10.7	9.9	10.4	9.2	8.7	8.9	7.2	5.8	6.5	7.4	6.1	6.7
29	10.9	10.2	10.7	9.2	8.4	8.7	7.2	6.3	6.7	6.8	5.5	6.1
30	---	---	---	9.0	8.2	8.5	7.1	5.8	6.4	6.5	5.1	5.6
31	---	---	---	8.6	7.6	8.1	---	---	---	6.4	5.0	5.5
MONTH	11.8	8.7	10.1	11.4	7.6	9.3	8.8	5.8	7.6	---	---	---

02176735 MAY RIVER BELOW BRIGHTON BEACH, SC--Continued

PRECIPITATION RECORDS

PERIOD OF RECORD.--June 2002 to June 2004 (discontinued).

INSTRUMENTATION.--Tipping bucket raingage and data collection platform.

REMARKS.--Precipitation data collected during freezing periods may not be accurately reflected in daily record; consequently, winter record is poor.

DAY	Precipitation, total, inches											
	WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	0.00	0.00	0.00	0.01	0.00	0.00	1.65	0.04	---	---	---
2	---	0.00	0.00	0.00	0.18	0.00	0.00	0.95	0.00	---	---	---
3	---	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.01	---	---	---
4	---	0.00	0.65	0.00	0.00	0.00	0.00	0.00	0.00	---	---	---
5	---	0.02	0.00	0.00	0.05	0.00	0.00	0.00	0.00	---	---	---
6	---	0.00	0.00	0.00	0.63	0.01	0.00	0.00	0.34	---	---	---
7	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---	---	---
8	0.61	0.00	0.00	0.10	0.00	0.00	0.05	0.00	0.00	---	---	---
9	0.01	0.17	0.00	0.41	0.00	0.05	0.00	0.00	---	---	---	---
10	0.00	0.00	0.17	0.00	0.00	0.00	0.00	0.00	---	---	---	---
11	0.01	0.00	0.00	0.00	0.21	0.00	0.00	0.00	---	---	---	---
12	0.00	0.01	0.00	0.00	0.51	0.00	0.74	0.00	---	---	---	---
13	0.00	0.00	0.03	0.00	0.00	0.00	0.44	0.00	---	---	---	---
14	0.06	0.00	0.24	0.00	0.61	0.00	0.00	0.00	---	---	---	---
15	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	---	---	---	---
16	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.16	---	---	---	---
17	0.34	0.00	0.01	0.00	0.04	0.00	0.00	0.00	---	---	---	---
18	0.05	0.04	0.00	0.03	0.00	0.00	0.00	0.02	---	---	---	---
19	0.00	0.24	0.00	0.00	0.00	0.00	0.00	1.08	---	---	---	---
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---	---	---	---
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---	---	---	---
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---	---	---	---
23	0.00	0.01	0.00	0.00	0.03	0.00	0.00	0.00	---	---	---	---
24	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	---	---	---	---
25	0.01	0.00	0.00	0.06	0.15	0.00	0.00	0.00	---	---	---	---
26	0.00	0.00	0.00	1.12	0.47	0.00	0.09	0.00	---	---	---	---
27	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---	---	---	---
28	2.19	0.35	0.00	0.00	0.00	0.00	0.00	0.00	---	---	---	---
29	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---	---	---	---
30	0.00	0.00	0.00	0.00	---	0.03	0.01	0.00	---	---	---	---
31	0.00	---	0.00	0.00	---	0.00	---	0.03	---	---	---	---
TOTAL	---	0.85	1.13	1.72	2.91	0.10	1.33	4.04	---	---	---	---

SAVANNAH RIVER BASIN

02177000 CHATTOOGA RIVER NEAR CLAYTON, GA

LOCATION.--Lat 34°48'50'', long 83°18'22'', Oconee County, SC-Rabun County, GA, Hydrologic Unit 03060102, on left bank, 150 ft downstream from bridge on U.S. Highway 76, 2.8 mi upstream from Stekoa Creek, 7 mi southeast of Clayton, 9 mi downstream from Warwoman Creek, and 9 mi upstream from confluence with Tallulah River.

DRAINAGE AREA.--207 mi².

PERIOD OF RECORD.--May 1907 to June 1908, October 1939 to current year. Monthly discharge only for May 1907 to June 1908, published in WSP 1303.

REVISED RECORDS.--WSP 1383: 1940-41, drainage area.

GAGE.--Satellite telemetry with a water stage recorder. Datum of gage is 1,165.6 ft above NGVD of 1929. May 1907 to June 1908, nonrecording gage at site 400 ft upstream at different datum.

REMARKS.--No estimated daily discharges. Records good.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	533	396	809	657	509	563	475	420	438	699	820	418
2	517	387	743	638	527	574	450	555	367	764	979	761
3	500	378	699	628	1020	599	437	605	343	782	894	603
4	491	373	784	615	783	573	424	483	333	680	647	436
5	484	472	911	651	683	562	413	451	323	610	547	379
6	476	712	791	708	2230	594	406	431	317	532	504	345
7	468	712	738	624	2080	598	404	409	315	507	446	4540
8	480	540	699	608	1260	559	399	397	328	461	420	14000
9	533	481	674	606	1040	544	396	380	412	438	395	3480
10	499	448	1380	593	929	542	386	379	356	415	381	2110
11	505	434	1600	573	855	528	386	369	373	412	374	1600
12	512	422	1100	564	885	517	405	409	376	422	472	1340
13	484	405	948	556	853	507	1120	578	411	454	444	1150
14	472	383	1060	546	790	498	853	700	360	384	379	1030
15	476	379	970	539	793	499	609	513	1040	363	356	935
16	452	376	880	523	808	522	539	457	1190	343	342	1480
17	446	378	1040	517	743	508	502	599	719	342	354	18500
18	441	386	933	586	713	491	479	566	558	515	363	4270
19	432	4460	863	573	689	487	460	643	481	380	323	2860
20	420	1790	811	531	672	474	448	524	429	364	310	2320
21	411	1190	769	518	663	505	436	475	411	339	347	1990
22	403	969	747	509	633	469	423	446	858	324	318	1740
23	389	853	728	500	620	458	414	487	635	321	318	1570
24	379	891	853	491	617	455	408	474	562	308	392	1440
25	360	907	767	559	603	450	400	425	572	341	377	1350
26	454	783	717	646	593	447	476	398	810	318	323	1250
27	788	743	694	640	596	444	551	382	602	698	296	1310
28	527	1140	676	600	586	440	434	365	560	634	320	2530
29	458	1090	664	560	571	435	410	355	533	478	351	1540
30	424	890	747	544	---	485	406	429	622	1530	370	1300
31	407	---	694	527	---	522	---	486	---	1370	328	---
TOTAL	14621	23768	26489	17930	24344	15849	14349	14590	15634	16528	13490	78577
MEAN	472	792	854	578	839	511	478	471	521	533	435	2619
MAX	788	4460	1600	708	2230	599	1120	700	1190	1530	979	18500
MIN	360	373	664	491	509	435	386	355	315	308	296	345
CFSM	2.28	3.83	4.13	2.79	4.06	2.47	2.31	2.27	2.52	2.58	2.10	12.7
IN.	2.63	4.27	4.76	3.22	4.37	2.85	2.58	2.62	2.81	2.97	2.42	14.12

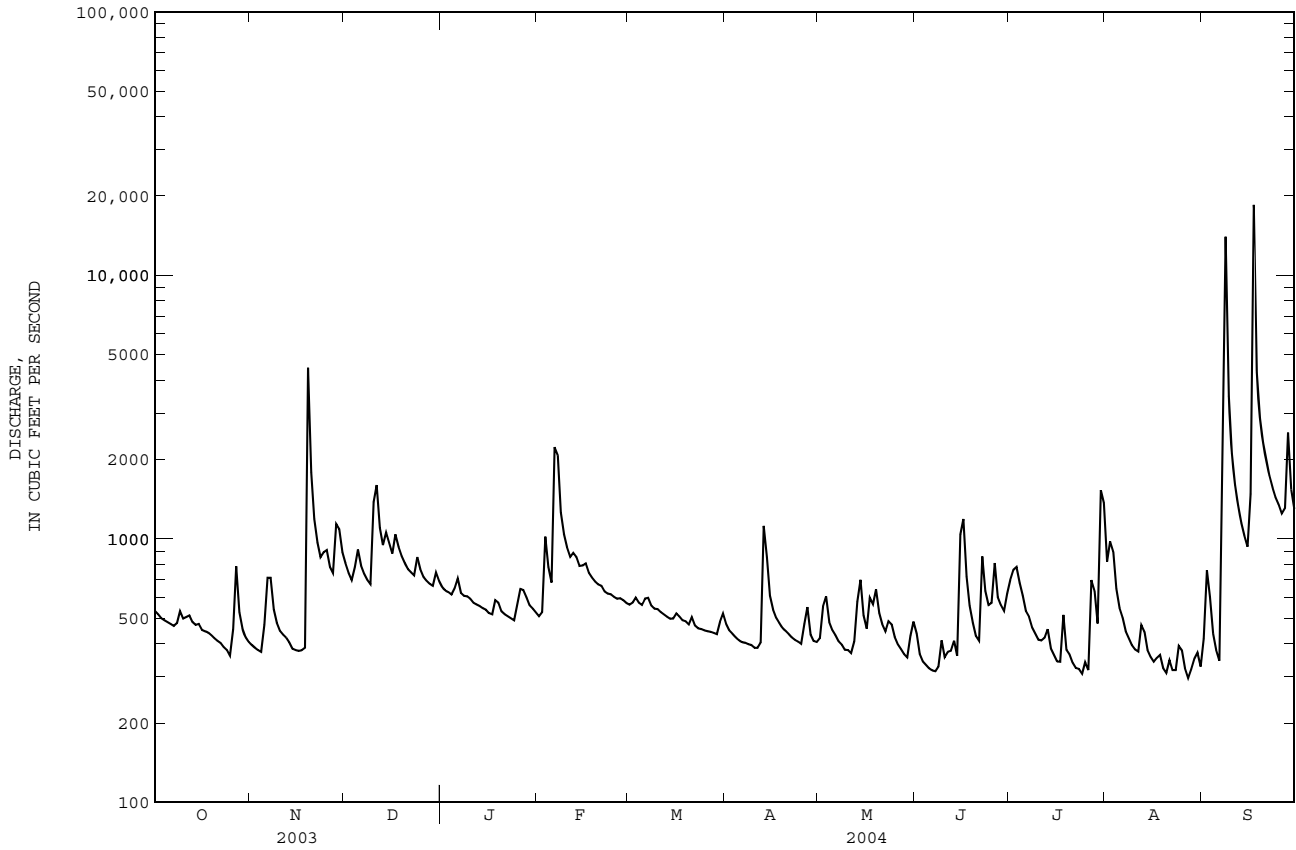
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 2004, BY WATER YEAR (WY)

	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955
MEAN	434	505	647	765	861	933	881	716	592	506	481	468				
MAX	1524	1509	1358	1747	1728	1829	1633	1725	1439	1542	1453	2619				
(WY)	1965	1980	1962	1946	1990	1979	1964	1976	1976	1949	1940	2004				
MIN	98.6	155	183	155	347	387	349	261	210	180	169	118				
(WY)	1955	1955	1956	1956	1941	1988	1986	2001	1988	1986	2002	1954				

02177000 CHATTOOGA RIVER NEAR CLAYTON, GA--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1940 - 2004	
ANNUAL TOTAL	299868		276169		648	
ANNUAL MEAN	822		755		1098	
HIGHEST ANNUAL MEAN					1949	
LOWEST ANNUAL MEAN					298	
HIGHEST DAILY MEAN	4460	Nov 19	18500	Sep 17	18500	Sep 17 2004
LOWEST DAILY MEAN	360	Oct 25	296	Aug 27	88	Oct 8 1954
ANNUAL SEVEN-DAY MINIMUM	390	Nov 12	331	Jul 20	90	Oct 7 1954
MAXIMUM PEAK FLOW			33300		33300	
MAXIMUM PEAK STAGE			11.21		a 13.80	
INSTANTANEOUS LOW FLOW			293		88	
ANNUAL RUNOFF (CFSM)	3.97		3.65		3.13	
ANNUAL RUNOFF (INCHES)	53.89		49.63		42.53	
10 PERCENT EXCEEDS	1120		1090		1150	
50 PERCENT EXCEEDS	752		522		524	
90 PERCENT EXCEEDS	476		366		225	

a Maximum stage recorded 13.80 Aug 30, 1940.



SAVANNAH RIVER BASIN

02186000 TWELVE MILE CREEK NEAR LIBERTY, SC

PRECIPITATION RECORDS

LOCATION.--Lat 34°48'05'', long 82°44'55'', Pickens County, Hydrologic Unit 03060101, on State Highway 137, 0.8 mi downstream of Rices Creek and 3.4 mi west of Liberty.

PERIOD OF RECORD.--October 1993 to September 2001, December 2002 to current year.

INSTRUMENTATION.--Tipping bucket raingage and data collection platform.

REMARKS.--Precipitation data collected during freezing periods may not be accurately reflected in daily record; consequently, winter record is poor.

Precipitation, total, inches
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.49	0.00	0.05	0.30	0.16
2	0.00	0.00	0.00	0.00	0.53	0.24	0.00	0.94	0.00	0.98	0.20	1.56
3	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.20	0.00	0.00
4	0.00	0.05	0.60	0.00	0.00	0.00	0.00	0.00	0.66	1.90	0.00	0.00
5	0.00	0.57	0.00	0.51	0.27	0.00	0.00	0.00	0.00	0.02	0.00	0.00
6	0.00	0.07	0.01	0.00	1.95	0.18	0.00	0.00	0.00	0.00	0.00	0.07
7	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	5.79
8	1.42	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.33	3.62	0.00	1.31
9	0.05	0.00	0.00	0.09	0.00	0.00	0.00	1.39	0.04	0.00	0.00	0.00
10	0.08	0.00	1.48	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00
11	0.22	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.15	0.00	0.00
12	0.00	0.00	0.00	0.00	0.52	0.00	0.08	0.03	0.08	1.02	1.36	0.00
13	0.00	0.00	0.50	0.00	0.00	0.00	0.79	1.08	0.05	0.19	0.11	0.00
14	0.01	0.00	0.38	0.00	0.12	0.00	0.00	0.01	2.23	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.47	0.00	0.00	0.00	5.30	0.00	0.01	0.00
16	0.00	0.03	0.04	0.00	0.00	0.12	0.00	0.02	0.00	0.00	0.00	2.23
17	0.00	0.37	0.30	0.07	0.00	0.00	0.00	0.02	0.08	2.29	0.21	1.09
18	0.00	0.95	0.00	0.18	0.00	0.01	0.00	0.06	0.03	0.56	0.58	0.00
19	0.00	1.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00
20	0.00	0.00	0.00	0.00	0.00	1.31	0.00	0.00	0.00	0.00	0.02	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.01	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	2.26	0.00	0.00	0.00
23	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.05	0.39	0.00	0.00	0.00
24	0.00	0.43	0.09	0.00	0.00	0.00	0.00	0.00	0.23	0.04	0.15	0.00
25	0.00	0.00	0.00	0.44	0.00	0.00	0.00	0.00	3.08	0.42	0.00	0.00
26	0.70	0.00	0.00	0.00	0.16	0.00	0.27	0.00	0.00	0.35	0.00	0.00
27	0.17	0.15	0.00	0.09	0.01	0.00	0.00	0.00	0.07	1.11	0.01	3.18
28	0.00	0.57	0.00	0.37	0.00	0.00	0.00	0.00	0.48	0.14	4.38	0.48
29	0.01	0.00	0.01	0.37	0.00	0.00	0.00	0.00	0.00	0.34	0.02	0.00
30	0.00	0.00	0.12	0.00	---	0.91	0.05	2.00	2.19	0.55	0.00	0.00
31	0.00	---	0.00	0.00	---	0.27	---	0.59	---	0.05	2.49	---
TOTAL	2.67	4.49	3.60	2.12	4.05	3.04	1.20	6.70	17.65	14.04	9.87	15.87

SAVANNAH RIVER BASIN

574

02186699 EIGHTEENMILE CREEK ABOVE PENDLETON, SC

LOCATION.--Lat 34°39'32'', long 82°47'56'', Anderson County, Hydrologic Unit 03060101, on downstream side of bridge on County Road 229, 1.0 mi northwest of Pendleton, and 1.5 mi southeast of Clemson.

DRAINAGE AREA.--47.0 mi².

PERIOD OF RECORD.--May 1998 to current year.

GAGE.--Data collection platform. Elevation of gage is 700 ft above NGVD of 1929 (from topographic map).

REMARKS.--Records poor.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	46	e57	56	46	59	55	60	47	36	98	e51	22
2	47	e55	52	48	61	59	57	57	30	69	52	96
3	49	53	53	48	105	61	55	51	29	165	59	47
4	e49	53	64	44	70	59	52	38	35	71	47	28
5	e47	56	72	57	65	58	48	39	38	e75	44	25
6	47	74	60	61	469	62	48	41	34	e51	44	25
7	49	63	59	47	247	59	49	39	30	46	41	733
8	91	e58	59	48	93	54	50	37	43	43	40	2280
9	84	e55	60	53	79	53	50	41	45	69	40	220
10	60	52	219	52	70	54	49	38	37	44	40	95
11	59	52	157	49	62	55	50	36	32	42	39	67
12	e58	53	91	48	94	58	52	39	30	55	124	e58
13	57	53	74	46	76	58	90	47	32	74	71	50
14	58	53	171	45	71	55	59	43	46	66	42	47
15	57	e53	88	47	103	56	44	38	71	39	36	43
16	56	e53	63	48	100	61	42	35	e65	39	34	44
17	56	61	72	49	74	59	47	33	e42	39	33	389
18	57	59	58	56	75	58	41	31	e42	62	49	109
19	58	337	54	53	72	56	41	37	38	52	31	72
20	57	121	53	50	66	54	37	36	34	40	28	60
21	58	91	49	49	65	60	37	31	37	38	31	54
22	57	76	50	48	62	49	36	30	39	38	29	50
23	58	56	52	50	61	48	35	30	51	38	31	46
24	58	66	57	52	63	50	35	29	67	36	28	44
25	e58	64	50	71	63	52	35	27	60	52	29	42
26	e60	58	48	73	65	53	36	e26	186	40	27	27
27	126	e58	47	61	69	50	37	e26	51	104	25	90
28	66	e77	48	63	63	49	33	25	46	204	23	663
29	65	70	47	60	55	49	33	25	42	72	23	109
30	61	56	52	63	---	65	36	67	129	e57	27	72
31	61	---	47	62	---	71	---	55	---	e66	24	---
TOTAL	1870	2143	2182	1647	2677	1740	1374	1174	1497	1984	1242	5707
MEAN	60.3	71.4	70.4	53.1	92.3	56.1	45.8	37.9	49.9	64.0	40.1	190
MAX	126	337	219	73	469	71	90	67	186	204	124	2280
MIN	46	52	47	44	55	48	33	25	29	36	23	22
CFSM	1.28	1.52	1.50	1.13	1.96	1.19	0.97	0.81	1.06	1.36	0.85	4.05
IN.	1.48	1.70	1.73	1.30	2.12	1.38	1.09	0.93	1.18	1.57	0.98	4.52

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2004, BY WATER YEAR (WY)

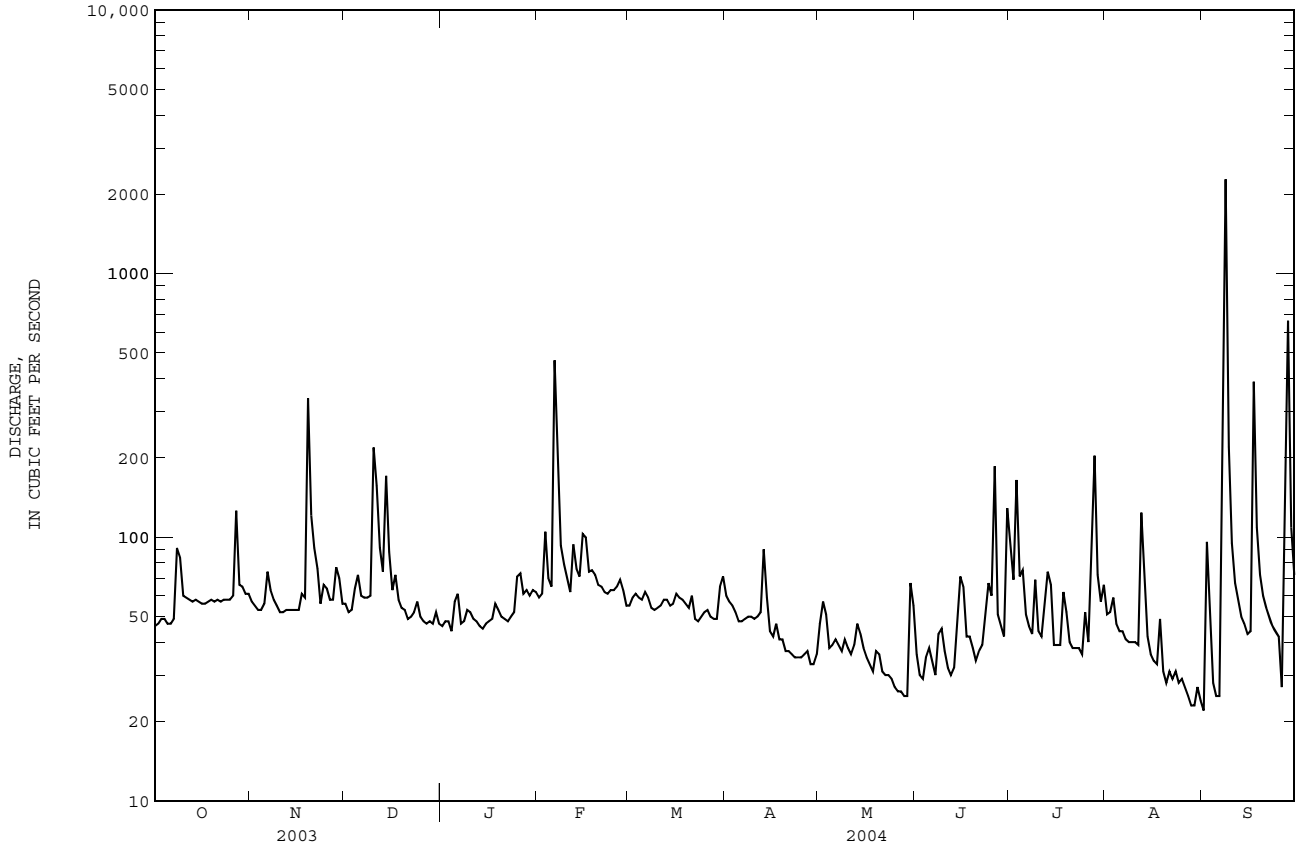
	1998	1999	2000	2001	2002	2003	2004
MEAN	42.9	45.3	65.8	59.0	72.9	88.9	58.5
MAX	60.3	71.4	131	82.9	113	210	94.6
(WY)	2004	2004	2003	1999	2003	2003	2003
MIN	17.3	21.1	36.1	51.4	39.2	55.4	41.4
(WY)	2001	2002	2002	2003	2001	1999	2002

SAVANNAH RIVER BASIN

02186699 EIGHTEENMILE CREEK ABOVE PENDLETON, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1998 - 2004	
ANNUAL TOTAL	37446		25237		57.3	
ANNUAL MEAN	103		69.0		107 2003	
HIGHEST ANNUAL MEAN					36.1 2002	
LOWEST ANNUAL MEAN					2980 Mar 20 2003	
HIGHEST DAILY MEAN	2980	Mar 20	2280	Sep 8	2980	Mar 20 2003
LOWEST DAILY MEAN	41	Jan 24	22	Sep 1	3.3	Aug 8 2002
ANNUAL SEVEN-DAY MINIMUM	43	Jan 11	24	Aug 26	3.6	Aug 8 2002
MAXIMUM PEAK FLOW			2770 Sep 8		3470 Mar 20 2003	
MAXIMUM PEAK STAGE			9.58 Sep 8		10.68 Mar 20 2003	
ANNUAL RUNOFF (CFSM)	2.18		1.47		1.22	
ANNUAL RUNOFF (INCHES)	29.64		19.97		16.58	
10 PERCENT EXCEEDS	129		80		87	
50 PERCENT EXCEEDS	70		53		42	
90 PERCENT EXCEEDS	47		33		19	

e Estimated



SAVANNAH RIVER BASIN

576

02187910 ROCKY RIVER NEAR STARR, SC

LOCATION.--Lat 34°22'59'', long 82°34'39'', Anderson County, Hydrologic Unit 03060103, at downstream side of bridge on State Road 244, 0.5 mi upstream from Beaver Creek, 2.5 mi upstream of Secession Lake, and 6.7 mi east of Starr.

DRAINAGE AREA.--111 mi².

PERIOD OF RECORD.--May 1989 to February 1996, October 1996 to September 2001, February 2003 to March 2004 (discontinued).

GAGE.--Data collection platform. Datum of gage is 570 ft above sea level (from topographic map).

REMARKS.--No estimated daily discharges. Records good.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	53	76	87	84	98	112	---	---	---	---	---	---
2	52	74	85	83	95	108	---	---	---	---	---	---
3	50	73	84	83	182	108	---	---	---	---	---	---
4	50	73	118	84	170	108	---	---	---	---	---	---
5	49	72	141	87	133	107	---	---	---	---	---	---
6	49	92	90	124	188	109	---	---	---	---	---	---
7	51	92	86	103	454	109	---	---	---	---	---	---
8	91	86	84	92	193	101	---	---	---	---	---	---
9	104	81	84	94	141	96	---	---	---	---	---	---
10	104	75	128	94	135	97	---	---	---	---	---	---
11	100	72	294	90	129	94	---	---	---	---	---	---
12	90	72	156	86	165	93	---	---	---	---	---	---
13	71	72	123	85	216	91	---	---	---	---	---	---
14	66	70	166	83	146	89	---	---	---	---	---	---
15	61	67	163	82	294	---	---	---	---	---	---	---
16	57	69	130	80	315	---	---	---	---	---	---	---
17	57	74	120	79	166	---	---	---	---	---	---	---
18	56	79	113	89	153	---	---	---	---	---	---	---
19	55	257	107	93	144	---	---	---	---	---	---	---
20	54	256	100	87	136	---	---	---	---	---	---	---
21	53	150	96	82	130	---	---	---	---	---	---	---
22	53	117	95	81	123	---	---	---	---	---	---	---
23	52	103	94	80	119	---	---	---	---	---	---	---
24	51	102	96	78	116	---	---	---	---	---	---	---
25	50	108	95	91	115	---	---	---	---	---	---	---
26	51	97	91	170	116	---	---	---	---	---	---	---
27	187	90	89	112	128	---	---	---	---	---	---	---
28	144	141	88	122	127	---	---	---	---	---	---	---
29	117	113	87	114	117	---	---	---	---	---	---	---
30	85	92	86	108	---	---	---	---	---	---	---	---
31	80	---	86	103	---	---	---	---	---	---	---	---
TOTAL	2243	2995	3462	2923	4744	---	---	---	---	---	---	---
MEAN	72.4	99.8	112	94.3	164	---	---	---	---	---	---	---
MAX	187	257	294	170	454	---	---	---	---	---	---	---
MIN	49	67	84	78	95	---	---	---	---	---	---	---
CFSM	0.65	0.90	1.01	0.85	1.47	---	---	---	---	---	---	---
IN.	0.75	1.00	1.16	0.98	1.59	---	---	---	---	---	---	---

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 2004, BY WATER YEAR (WY)

	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
MEAN	100	116	137	214	224	241	190	116	89.2	71.9	102	65.3				
MAX	177	259	363	473	406	474	648	213	134	162	348	138				
(WY)	1990	1993	1993	1993	1998	1993	1998	1998	1991	2003	1995	1992				
MIN	29.3	59.9	68.0	94.3	70.4	80.8	85.1	51.0	27.7	29.4	27.1	28.4				
(WY)	2001	2001	2001	2004	2001	1999	2001	2001	2000	2000	1999	1999				

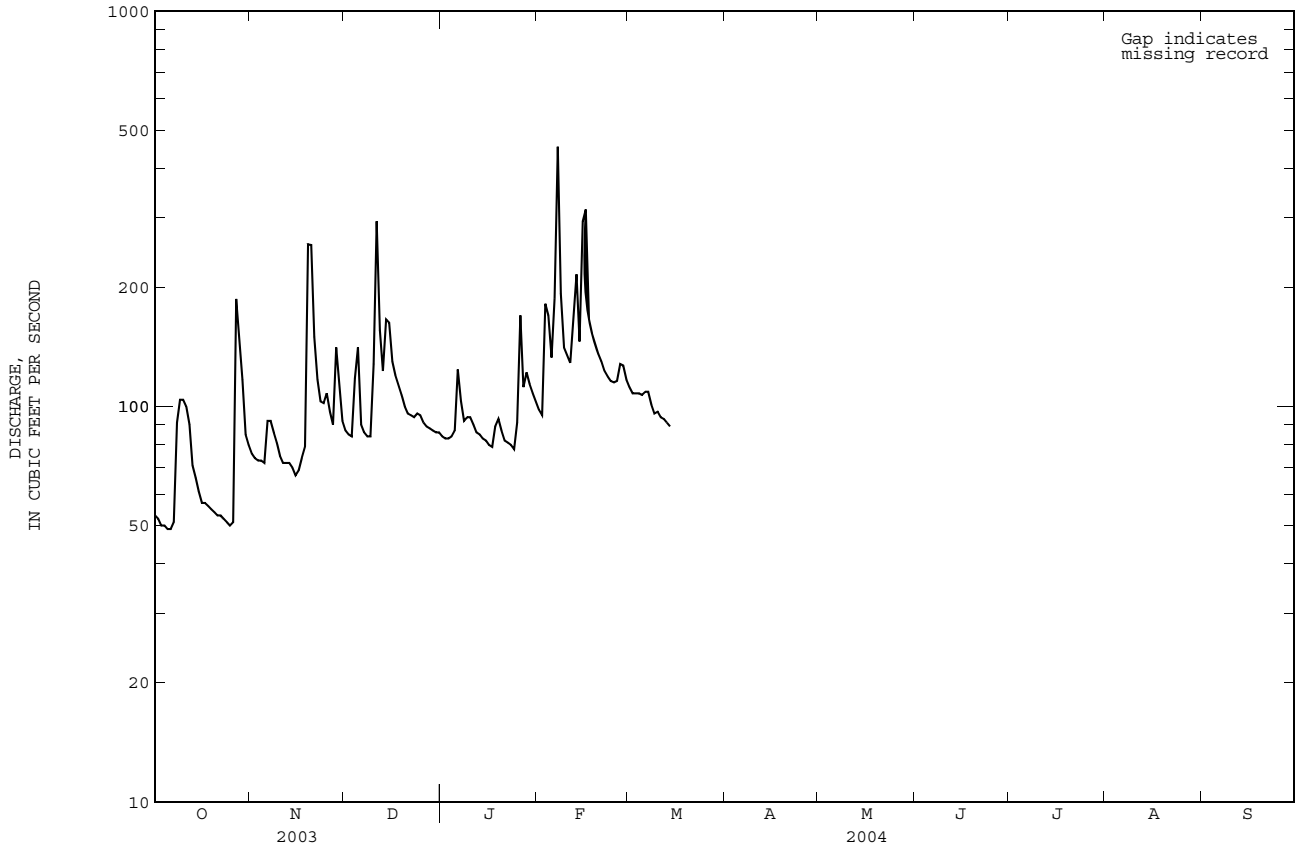
SAVANNAH RIVER BASIN

02187910 ROCKY RIVER NEAR STARR, SC--Continued

SUMMARY STATISTICS

WATER YEARS 1989 - 2004

ANNUAL MEAN	136	
HIGHEST ANNUAL MEAN	226	1998
LOWEST ANNUAL MEAN	73.0	2001
HIGHEST DAILY MEAN	3810	Apr 18 1998
LOWEST DAILY MEAN	10	Aug 16 1999
ANNUAL SEVEN-DAY MINIMUM	11	Aug 13 1999
MAXIMUM PEAK FLOW	6260	Apr 18 1998
MAXIMUM PEAK STAGE	17.70	Apr 18 1998
ANNUAL RUNOFF (CFSM)	1.22	
ANNUAL RUNOFF (INCHES)	16.60	
10 PERCENT EXCEEDS	239	
50 PERCENT EXCEEDS	85	
90 PERCENT EXCEEDS	40	



SAVANNAH RIVER BASIN

578

02192500 LITTLE RIVER NEAR MT. CARMEL, SC

PRECIPITATION RECORDS

PERIOD OF RECORD.--February 2001 to current year.

INSTRUMENTATION.--Tipping bucket raingage and data collection platform.

REMARKS.--Precipitation data collected during freezing periods may not be accurately reflected in daily record; consequently, winter record is poor.

Precipitation, total, inches
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.00	0.15	---	0.00
2	0.00	0.00	0.00	0.03	0.51	0.00	0.00	0.43	0.00	0.13	---	0.71
3	0.00	0.00	0.11	0.00	0.01	0.00	0.00	0.01	0.04	0.02	---	0.00
4	0.00	0.15	0.40	0.00	0.00	0.00	0.00	0.01	0.04	0.09	---	0.00
5	0.00	0.12	0.00	0.20	0.02	0.00	0.00	0.00	0.00	0.00	---	0.00
6	0.02	0.02	0.00	0.00	1.40	0.06	0.00	0.00	0.00	0.00	---	0.04
7	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	---	6.47
8	1.09	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.23	0.00	---	0.10
9	0.16	0.04	0.00	0.30	0.00	0.03	0.00	0.00	0.25	0.00	---	0.01
10	0.00	0.00	0.68	0.00	0.00	0.00	0.00	0.00	0.05	0.00	---	0.00
11	0.00	0.00	0.00	0.00	0.07	0.00	0.01	0.00	0.01	0.00	---	0.00
12	0.00	0.00	0.00	0.01	1.00	0.00	0.16	0.01	0.00	0.85	---	0.00
13	0.00	0.00	0.54	0.00	0.01	0.00	0.62	0.00	0.01	0.01	---	0.00
14	0.00	0.00	0.17	0.00	0.65	0.00	0.00	0.00	0.52	0.00	---	0.00
15	0.16	0.00	0.00	0.00	0.65	0.02	0.00	0.00	0.03	0.00	---	0.00
16	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.03	0.00	---	0.72
17	0.01	0.19	0.13	0.11	0.01	0.00	0.00	0.00	0.00	0.32	0.00	0.64
18	0.00	0.28	0.00	0.31	0.00	0.00	0.00	0.00	0.01	0.19	0.00	0.00
19	0.00	1.10	0.01	0.01	0.00	0.00	0.00	0.02	0.00	0.01	0.01	0.00
20	0.00	0.00	0.00	0.00	0.00	0.29	0.00	0.00	0.01	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.05	0.01	0.00	0.00	2.06	0.00	0.00	0.00
22	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00
23	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.43	0.00	0.00	0.00
24	0.00	0.01	0.01	0.00	0.07	0.00	0.00	0.00	0.11	0.00	1.02	0.00
25	0.00	0.00	0.00	0.76	0.09	0.00	0.00	0.05	0.06	0.00	0.00	0.00
26	0.06	0.00	0.00	0.00	0.48	0.00	0.17	0.01	0.00	0.70	0.01	0.00
27	0.00	0.02	0.00	0.10	0.72	0.00	0.02	0.00	0.89	0.63	0.03	4.62
28	0.47	0.14	0.00	0.00	0.15	0.00	0.00	0.01	0.01	---	0.00	0.10
29	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	---	0.00	0.06
30	0.00	0.00	0.07	0.00	---	0.59	0.09	0.00	0.26	---	0.05	0.00
31	0.01	---	0.01	0.00	---	0.11	---	0.23	---	---	0.00	---
TOTAL	2.19	2.09	2.13	1.88	5.89	1.14	1.07	1.00	5.30	---	---	13.47

SAVANNAH RIVER BASIN

02192830 BLUE HILL CREEK AT ABBEVILLE, SC

LOCATION.--Lat 34°10'03'', long 82°22'17'', Abbeville County, Hydrologic Unit 03060103, on downstream side of footbridge behind the Milliken waste water treatment facility, 0.3 mi downstream of SC Highway 72, and 1.4 mi upstream of Parker Creek.

DRAINAGE AREA.--3.24 mi².

WATER-DISCHARGE RECORDS

PERIOD OF DAILY RECORD.-- February 1998 to current year.

GAGE.--Data collection platform. Datum of gage is 475 ft above NGVD of 1929 (from topographic map).

REMARKS.--Records poor.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.4	1.5	0.84	1.2	0.76	0.93	0.64	7.6	1.3	7.8	0.62	0.59
2	1.4	1.3	0.81	1.1	2.0	0.85	0.56	11	1.6	12	14	6.6
3	1.3	1.4	0.79	1.1	3.0	0.74	0.51	2.2	1.2	15	13	0.75
4	1.2	1.5	1.6	1.1	1.1	0.69	0.43	1.9	1.5	11	2.0	0.61
5	1.3	1.4	1.0	2.9	0.97	0.62	0.48	1.8	1.1	3.9	1.4	0.46
6	1.3	1.7	0.86	1.3	43	0.60	0.48	1.7	0.92	2.1	1.1	0.55
7	4.4	1.8	0.76	1.1	5.4	0.50	0.50	2.3	1.1	2.2	0.99	e110
8	e44	1.8	0.82	1.2	2.8	0.49	0.46	1.6	1.3	2.1	0.69	33
9	1.3	1.6	0.79	1.3	2.7	0.50	0.43	1.3	5.7	1.9	0.88	2.0
10	0.31	1.7	8.3	0.99	2.3	0.53	0.41	1.5	1.1	1.7	1.0	0.98
11	0.48	2.1	2.4	0.87	1.7	0.48	0.42	1.4	1.1	9.2	1.0	0.84
12	0.48	1.7	2.0	0.87	27	0.52	0.47	28	1.1	1.5	17	0.66
13	0.69	1.5	7.1	0.83	3.9	0.47	15	9.1	0.90	1.2	1.5	0.56
14	1.1	1.8	8.3	0.78	18	0.41	2.4	4.8	1.4	1.1	1.3	0.75
15	1.1	2.3	2.5	0.75	41	1.7	1.7	3.8	1.1	0.95	1.1	0.56
16	1.1	1.5	2.0	0.74	23	0.52	1.7	3.0	0.80	0.83	1.2	0.74
17	1.2	2.1	2.1	0.78	6.9	0.49	1.7	3.3	0.77	0.80	1.2	34
18	1.2	2.1	1.8	2.2	4.7	0.50	1.5	3.0	0.80	0.71	1.2	1.6
19	1.1	22	1.9	0.85	3.4	0.46	1.6	3.2	0.77	0.81	1.1	1.1
20	1.2	2.7	1.7	0.79	2.5	0.53	1.5	2.4	0.70	0.67	1.1	1.1
21	1.4	1.7	1.6	0.75	1.8	2.0	1.6	2.3	18	0.58	1.1	1.0
22	1.4	1.4	1.6	0.71	1.3	0.45	1.6	2.2	11	0.63	0.92	1.0
23	1.4	1.2	1.6	1.1	1.2	0.44	1.4	1.8	10	0.62	0.98	1.0
24	1.2	1.2	1.7	0.73	1.1	0.45	1.5	1.9	5.9	0.56	1.1	1.1
25	1.3	1.2	1.5	4.6	0.92	0.44	1.3	2.0	3.0	0.50	1.0	0.98
26	1.3	1.1	1.4	1.5	3.2	0.44	2.6	2.8	2.8	12	0.90	0.86
27	1.5	1.2	1.4	1.0	4.5	0.44	1.5	1.4	e50	11	0.85	e73
28	2.7	1.3	1.3	0.77	1.6	0.40	1.8	1.3	26	1.2	0.84	37
29	2.1	0.97	1.4	0.64	1.0	0.43	1.6	1.2	5.5	5.4	0.69	1.6
30	1.6	0.99	1.3	0.69	---	4.0	1.3	1.5	13	2.9	0.76	1.5
31	1.5	---	1.2	0.76	---	6.0	---	2.0	---	0.96	0.77	---
TOTAL	84.96	67.76	64.37	36.00	212.75	28.02	49.09	115.3	171.46	113.82	73.29	316.49
MEAN	2.74	2.26	2.08	1.16	7.34	0.90	1.64	3.72	5.72	3.67	2.36	10.5
MAX	44	22	8.3	4.6	43	6.0	15	28	50	15	17	110
MIN	0.31	0.97	0.76	0.64	0.76	0.40	0.41	1.2	0.70	0.50	0.62	0.46
CFSM	0.85	0.70	0.64	0.36	2.26	0.28	0.51	1.15	1.76	1.13	0.73	3.26
IN.	0.98	0.78	0.74	0.41	2.44	0.32	0.56	1.32	1.97	1.31	0.84	3.63

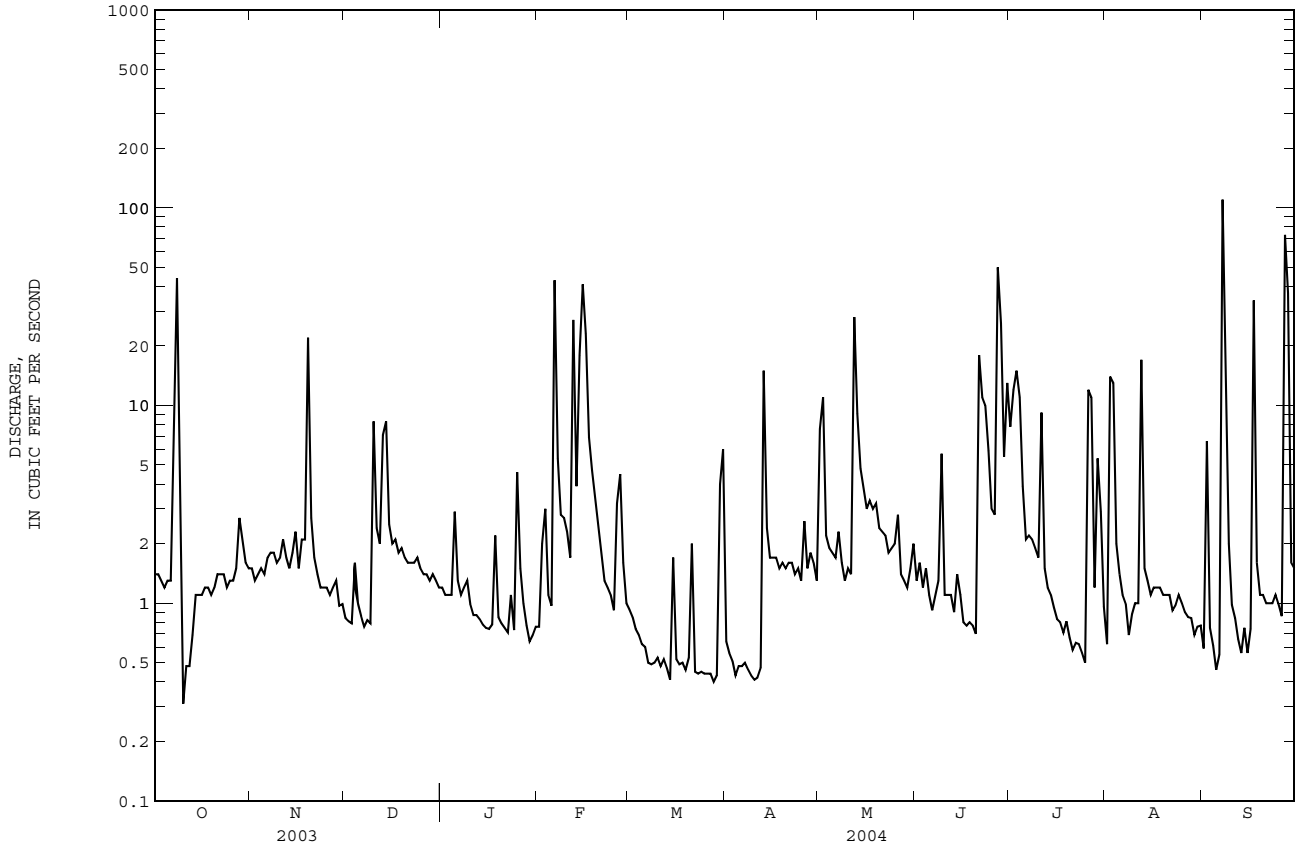
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2004, BY WATER YEAR (WY)

	1998	1999	2000	2001	2002	2003	2004
MEAN	1.31	1.70	2.01	2.23	4.19	5.41	3.98
MAX	2.74	2.26	4.08	3.59	7.34	13.5	9.79
(WY)	2004	2004	2003	1999	2004	2003	1998
MIN	0.50	0.84	0.91	1.16	2.02	0.90	1.63
(WY)	2002	2002	2002	2004	2001	2004	2002

02192830 BLUE HILL CREEK AT ABBEVILLE, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1998 - 2004	
ANNUAL TOTAL	2095.39		1333.31			
ANNUAL MEAN	5.74		3.64		2.84	
HIGHEST ANNUAL MEAN					5.76 2003	
LOWEST ANNUAL MEAN					1.39 2002	
HIGHEST DAILY MEAN	111	Mar 6	110	Sep 7	e 111	Mar 6 2003
LOWEST DAILY MEAN	0.31	Oct 10	0.31	Oct 10	0.09	Sep 9 2002
ANNUAL SEVEN-DAY MINIMUM	0.75	Oct 10	0.43	Mar 23	0.11	Sep 7 2002
MAXIMUM PEAK FLOW			Unknown	Sep 27	294	Jul 25 2000
MAXIMUM PEAK STAGE			8.54	Sep 27	8.58	Jul 25 2000
ANNUAL RUNOFF (CFSM)	1.77		1.12		0.876	
ANNUAL RUNOFF (INCHES)	24.06		15.31		11.91	
10 PERCENT EXCEEDS	8.8		7.0		4.7	
50 PERCENT EXCEEDS	3.0		1.3		1.5	
90 PERCENT EXCEEDS	1.3		0.54		0.57	

e Estimated



SAVANNAH RIVER BASIN

02192830 BLUE HILL CREEK AT ABBEVILLE, SC--Continued

PRECIPITATION RECORDS

PERIOD OF RECORD.--February 2001 to current year.

INSTRUMENTATION.--Tipping bucket raingage and data collection platform.

REMARKS.--Precipitation data collected during freezing periods may not be accurately reflected in daily record; consequently, winter record is poor.

Precipitation, total, inches
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.39	0.00	0.16	0.00	0.00
2	0.00	0.00	0.00	0.00	0.35	0.00	0.00	0.46	0.00	0.84	1.31	0.59
3	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00
4	0.00	0.04	0.33	0.00	0.00	0.00	0.00	0.00	0.12	0.14	0.00	0.00
5	0.00	0.00	0.00	0.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.06	0.00	0.00	0.00	1.66	0.06	0.00	0.00	0.00	0.00	0.00	0.04
7	0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	5.33
8	2.39	0.09	0.00	0.01	0.00	0.00	0.00	0.00	0.13	0.00	0.00	0.30
9	0.02	0.02	0.00	0.17	0.00	0.00	0.00	0.00	0.36	0.00	0.00	0.00
10	0.05	0.00	0.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00
11	0.17	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.37	0.00	0.00
12	0.00	0.00	0.00	0.00	0.98	0.00	0.03	1.49	0.00	0.00	1.14	0.00
13	0.00	0.00	0.60	0.00	0.00	0.00	0.88	0.00	0.00	0.03	0.00	0.00
14	0.14	0.00	0.17	0.00	0.62	0.00	0.00	0.00	0.18	0.00	0.03	0.00
15	0.00	0.00	0.00	0.00	0.73	0.19	0.00	0.00	0.01	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.17
17	0.00	0.14	0.12	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.70
18	0.00	0.29	0.00	0.35	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00
19	0.00	1.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.26	0.01	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	1.32	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.62	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.59	0.00	0.00	0.00
24	0.00	0.02	0.01	0.00	0.03	0.00	0.00	0.00	0.01	0.00	0.05	0.00
25	0.00	0.00	0.00	0.79	0.01	0.00	0.00	0.00	0.02	0.00	0.00	0.00
26	0.05	0.00	0.00	0.00	0.18	0.00	0.29	0.00	0.00	1.29	0.00	0.00
27	0.00	0.09	0.00	0.07	0.67	0.00	0.00	0.00	2.92	0.01	0.00	4.07
28	0.47	0.17	0.00	0.00	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.18
29	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.00
30	0.00	0.00	0.03	0.00	---	0.89	0.23	0.00	0.50	0.10	0.00	---
31	0.00	---	0.00	0.00	---	0.16	---	0.11	---	0.00	0.00	---
TOTAL	3.73	2.37	2.13	1.89	5.34	1.62	1.44	2.45	6.80	3.12	2.55	---

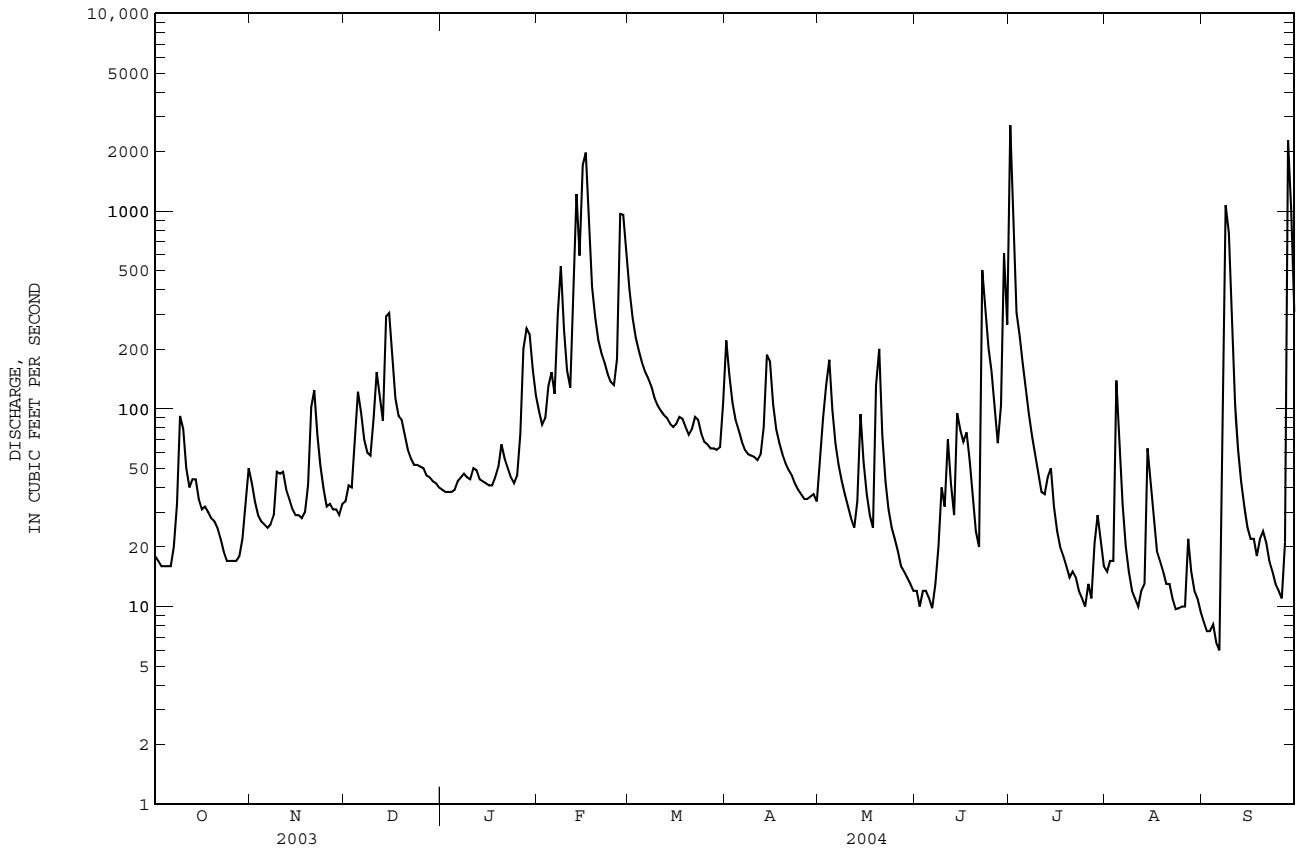
SAVANNAH RIVER BASIN

02196000 STEVENS CREEK NEAR MODOC, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1930 - 2004	
ANNUAL TOTAL	218313		43235.8		399	
ANNUAL MEAN	598		118		959	
HIGHEST ANNUAL MEAN					1964	
LOWEST ANNUAL MEAN					79.0	
HIGHEST DAILY MEAN	13700	May 23	2720	Jul 1	31700	Aug 14 1940
LOWEST DAILY MEAN	16	Oct 3	6.0	Sep 6	0.00	a Sep 14 1954
ANNUAL SEVEN-DAY MINIMUM	17	Sep 30	7.6	Aug 31	0.00	Sep 24 1954
MAXIMUM PEAK FLOW			3370		35100	
MAXIMUM PEAK STAGE			13.28		41.08	
ANNUAL RUNOFF (CFSM)	1.10		0.217		0.732	
ANNUAL RUNOFF (INCHES)	14.90		2.95		9.94	
10 PERCENT EXCEEDS	1310		222		776	
50 PERCENT EXCEEDS	172		45		98	
90 PERCENT EXCEEDS	29		13		14	

a Also occurred many days September to November, 1954.

e Estimated



SAVANNAH RIVER BASIN

02197000 SAVANNAH RIVER AT AUGUSTA, GA--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1952 - 2004	
ANNUAL TOTAL	3888810		2380720		9157	
ANNUAL MEAN	10650		6505		16580	
HIGHEST ANNUAL MEAN					1964	
LOWEST ANNUAL MEAN					4470	
HIGHEST DAILY MEAN	29700	May 24	a 22800	Sep 30	84500	Apr 10 1964
LOWEST DAILY MEAN	3470	Sep 9	3920	Aug 9	1770	Oct 18 1951
ANNUAL SEVEN-DAY MINIMUM	3980	Jan 11	4110	May 25	2090	Oct 20 1951
MAXIMUM PEAK FLOW			a 22800	Sep 30	87100	Apr 9 1964
MAXIMUM PEAK STAGE			a 17.62	Sep 30	24.16	Apr 9 1964
INSTANTANEOUS LOW FLOW			3920	Aug 9		
ANNUAL RUNOFF (CFSM)	1.42		0.866		1.22	
ANNUAL RUNOFF (INCHES)	19.27		11.80		16.57	
10 PERCENT EXCEEDS	23100		10300		17500	
50 PERCENT EXCEEDS	7610		5360		6800	
90 PERCENT EXCEEDS	4430		4360		4640	

a Stage rising, peak occurred Oct. 4, 5, 2004; maximum peak discharge, 21,200 ft³/s, Sep. 11, gage height, 16.16 ft.

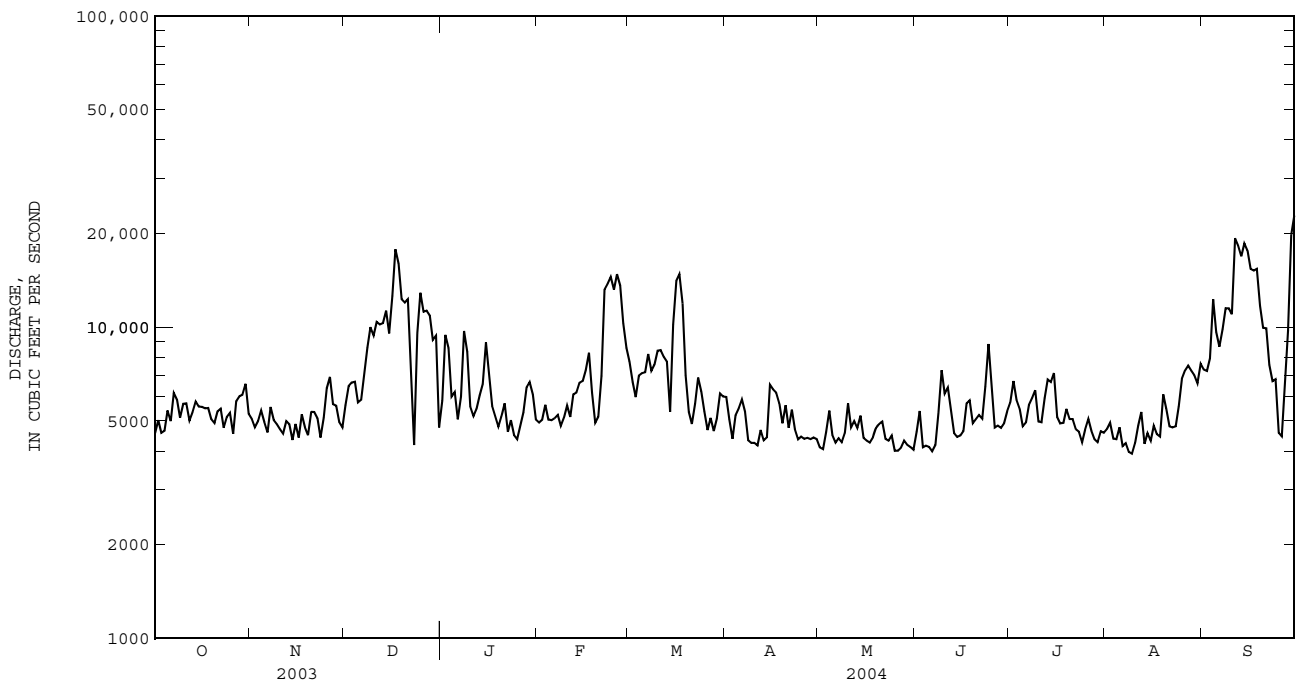
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1883-1951, BY WATER YEAR (WY) (PRIOR TO REGULATION)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	6988	6923	9645	13560	16950	17490	13660	8566	7962	8042	8864	7916
MAX (WY)	42170	21250	27390	40950	39560	52440	58700	20670	22700	19480	35030	47850
MIN (WY)	1930	1949	1933	1936	1903	1929	1936	1929	1900	1906	1887	1888
MEAN	2079	2614	4263	5137	4812	6298	5298	3427	3258	2811	1706	1453
MIN (WY)	1905	1932	1884	1890	1938	1898	1896	1927	1925	1883	1925	1925

SUMMARY STATISTICS WATER YEARS 1883-1951

ANNUAL MEAN	10640
HIGHEST ANNUAL MEAN	16500
LOWEST ANNUAL MEAN	5836
HIGHEST DAILY MEAN	315000
LOWEST DAILY MEAN	1040
ANNUAL SEVEN-DAY MINIMUM	1170
INSTANTANEOUS PEAK FLOW	a 350000
INSTANTANEOUS PEAK STAGE	b 46.30
INSTANTANEOUS LOW FLOW	c 648
ANNUAL RUNOFF (CFSM)	1.42
ANNUAL RUNOFF (INCHES)	19.25
10 PERCENT EXCEEDS	19900
50 PERCENT EXCEEDS	6720
90 PERCENT EXCEEDS	3180

- a Gage height 45.10 ft, at site and datum then in use.
- b At site and datum then in use.
- c From rating curve extended below 1,400 ft³/s.



SAVANNAH RIVER BASIN

586

02197323 D-006 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°12'12''. long 81°44'38'', Barnwell County, Hydrologic Unit 03060106, on upstream side of culvert, on the west side of D-Area, 1.0 mi south of intersection of SRS Roads 3 and A-4, at Savannah River Site.

PERIOD OF RECORD.--May 1984 to current year.

GAGE.--Data collection platform. Elevation of gage is 120 ft above NGVD of 1929 (from topographic map). Prior to Nov. 9, 1990, at site 200 ft downstream at different datum.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Flow regulated by Savannah River Site operations.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.29	0.34	0.29	e0.23	0.30	0.84	0.50	0.44	0.15	0.71	0.25	0.14
2	0.30	0.34	0.29	e0.23	0.48	0.82	0.50	0.80	0.16	0.50	0.27	0.15
3	0.27	0.35	0.29	e0.23	0.54	0.78	0.50	0.70	0.15	0.47	0.28	0.13
4	0.28	0.40	0.49	e0.24	0.36	0.86	0.46	0.29	0.15	0.45	0.24	0.13
5	0.28	0.56	0.29	e0.25	0.34	0.79	0.45	0.29	0.15	0.38	0.25	0.13
6	0.29	0.45	0.24	e0.28	1.7	0.82	0.38	0.29	0.17	0.36	0.20	0.15
7	0.36	0.39	0.24	e0.32	0.51	0.75	0.39	0.25	0.13	0.34	0.19	e1.7
8	0.34	0.40	0.24	e0.35	0.39	0.73	0.40	0.26	e1.8	0.33	0.18	1.4
9	0.29	0.33	0.24	0.56	0.41	0.77	0.39	0.24	0.39	0.34	0.18	0.41
10	0.30	0.29	0.52	0.36	0.38	0.74	0.37	0.23	0.21	0.39	0.18	0.34
11	0.34	0.30	0.34	0.32	0.40	0.69	0.37	0.24	0.15	0.40	0.22	0.34
12	0.36	0.32	0.29	0.29	2.6	0.68	0.38	0.48	e1.9	0.33	0.44	0.34
13	0.29	0.30	0.31	0.29	0.67	0.68	0.45	0.34	0.68	0.29	0.30	0.29
14	0.58	0.29	e0.73	0.31	2.1	0.68	0.35	0.29	0.54	0.29	0.27	0.29
15	0.24	0.30	e0.40	0.29	0.97	0.68	0.33	0.29	0.36	0.29	0.27	0.29
16	0.18	0.30	e0.29	0.29	0.67	0.74	0.29	0.33	0.39	0.29	0.24	0.30
17	0.22	0.32	e0.24	0.29	0.61	0.67	0.29	0.29	0.37	0.29	0.26	0.56
18	0.24	0.30	e0.24	0.30	0.58	0.67	0.27	0.25	0.42	0.29	0.17	0.34
19	0.24	0.55	e0.24	0.31	0.56	0.67	0.29	0.30	0.29	0.29	0.13	0.29
20	0.24	0.31	e0.24	0.27	0.56	0.67	0.28	0.29	0.24	0.29	0.13	0.29
21	0.24	0.29	e0.24	0.29	0.55	0.68	0.28	0.29	0.72	0.29	0.13	0.29
22	0.23	0.29	e0.24	0.29	0.52	0.56	0.28	0.27	0.52	0.29	0.13	0.29
23	0.24	0.29	e0.24	0.27	0.50	0.56	0.29	0.25	0.48	0.29	0.18	0.29
24	0.24	0.32	e0.24	0.28	0.58	0.56	0.30	0.20	0.35	0.33	0.17	0.29
25	0.24	0.31	e0.24	0.40	0.82	0.56	0.29	0.18	0.39	0.29	0.13	0.29
26	0.24	0.29	e0.24	2.5	e5.4	0.55	0.44	0.16	0.38	0.29	0.13	0.29
27	0.27	0.29	e0.24	1.6	1.3	0.52	0.35	0.16	0.52	0.33	0.13	e2.3
28	1.3	0.33	e0.24	1.0	0.97	0.52	0.27	0.16	0.50	0.33	0.13	0.41
29	0.98	0.31	e0.23	0.94	0.85	0.57	0.23	0.22	0.38	0.30	0.13	0.31
30	0.40	0.29	e0.23	0.83	---	0.55	0.42	0.18	e2.0	0.29	0.14	0.24
31	0.34	---	e0.23	0.30	---	0.56	---	0.16	---	0.28	0.16	---
TOTAL	10.65	10.15	9.06	14.71	26.62	20.92	10.79	9.12	15.04	10.63	6.21	13.01
MEAN	0.34	0.34	0.29	0.47	0.92	0.67	0.36	0.29	0.50	0.34	0.20	0.43
MAX	1.3	0.56	0.73	2.5	5.4	0.86	0.50	0.80	2.0	0.71	0.44	2.3
MIN	0.18	0.29	0.23	0.23	0.30	0.52	0.23	0.16	0.13	0.28	0.13	0.13

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 2004, BY WATER YEAR (WY)

	2003	2000	2002	2002	2002	2002	2000	2002	2002	2001	2001	2002
MEAN	2.00	2.00	1.93	2.18	2.14	2.22	1.92	1.73	1.88	2.04	1.95	1.88
MAX	3.88	3.54	3.36	5.30	5.19	6.00	4.83	4.29	4.04	4.04	3.45	3.10
(WY)	1990	1993	1995	1993	1993	1993	1998	1998	1993	1991	1991	1984
MIN	0.07	0.13	0.06	0.06	0.11	0.15	0.16	0.08	0.05	0.07	0.05	0.06
(WY)	2003	2000	2002	2002	2002	2002	2000	2002	2002	2001	2001	2002

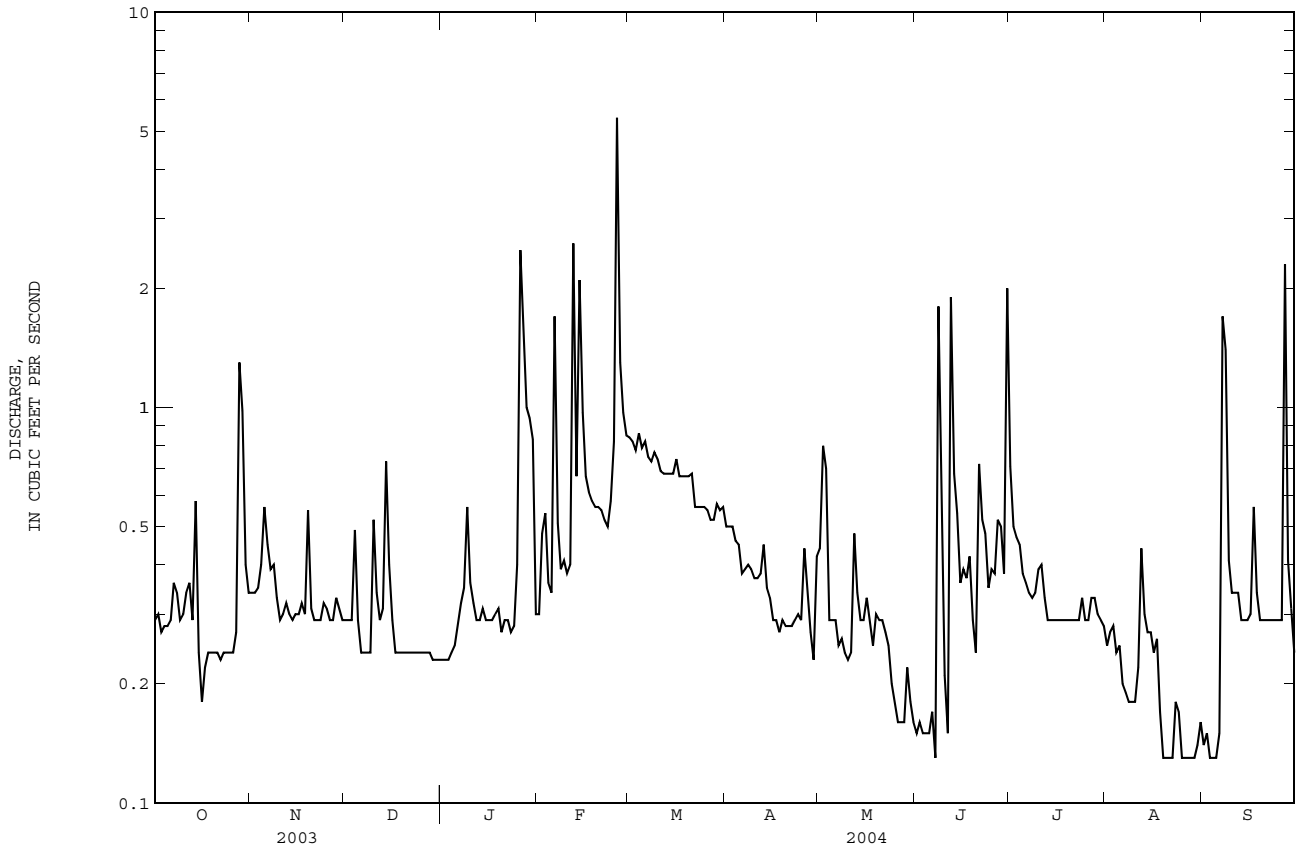
SAVANNAH RIVER BASIN

02197323 D-006 AT SAVANNAH RIVER SITE, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR	FOR 2004 WATER YEAR	WATER YEARS 1984 - 2004	
ANNUAL TOTAL	250.52	156.91	1.98	
ANNUAL MEAN	0.69	0.43	3.82	1993
HIGHEST ANNUAL MEAN			0.11	2002
LOWEST ANNUAL MEAN			e 18	Mar 8 1998
HIGHEST DAILY MEAN	6.2 Jun 8	e 5.4 Feb 26	0.00 a	Jan 10 2001
LOWEST DAILY MEAN	0.04 Jan 29	0.13 Jun 7	0.00	Aug 2 2001
ANNUAL SEVEN-DAY MINIMUM	0.06 Jan 23	0.14 Aug 25	Unknown	Sep 22 2000
MAXIMUM PEAK FLOW		Unknown Sep 27	Unknown	Sep 22 2000
MAXIMUM PEAK STAGE		3.67 Sep 27	5.62	Sep 22 2000
10 PERCENT EXCEEDS	1.5	0.71	3.2	
50 PERCENT EXCEEDS	0.40	0.30	2.2	
90 PERCENT EXCEEDS	0.13	0.18	0.13	

a Also occurred several day in May and June, 2002.

e Estimated



02197326 BEAVERDAM CREEK AT 400-D AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°11'12"', long 81°45'05"', Barnwell County, Hydrologic Unit 03060106, on downstream side of foot bridge near left bank, 1.0 mi downstream from Area 400-D, at Savannah River Site.

DRAINAGE AREA.--0.73 mi².

PERIOD OF RECORD.--June 1974 to current year.

GAGE.--Data collection platform. Elevation of gage is 108 ft above NGVD of 1929 (from topographic map). Prior to May 7, 2002 at datum 6.0 ft higher at site 30 ft upstream. Prior to October 1, 1998 at datum 2.0 ft higher at site 30 ft upstream.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Flow regulated by Savannah River Site operations and South Carolina Electric and Gas Company 1.0 mi upstream.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	61	62	58	57	54	76	94	64	62	60	56	57
2	61	61	58	58	54	59	110	64	63	58	57	57
3	61	61	59	59	55	63	107	65	62	58	57	56
4	61	60	60	58	54	71	107	64	61	57	56	57
5	59	60	59	57	54	63	108	63	60	56	55	58
6	59	59	59	57	56	63	110	62	60	56	55	58
7	59	60	59	57	58	63	111	62	59	68	57	64
8	59	60	64	56	58	71	108	61	61	85	57	66
9	58	60	64	55	60	88	94	63	64	85	56	61
10	58	59	63	55	62	89	96	65	63	85	56	59
11	74	59	62	53	63	89	98	64	62	85	57	57
12	92	61	60	54	68	89	99	64	63	85	57	58
13	87	64	59	58	64	84	100	66	63	86	58	58
14	87	63	61	58	68	65	99	73	61	85	57	59
15	68	62	60	62	67	78	102	83	61	86	57	58
16	60	62	60	63	65	74	102	83	60	85	58	58
17	61	61	60	62	63	76	102	83	61	83	59	59
18	63	62	62	61	64	82	102	82	62	84	58	58
19	63	62	65	60	63	77	102	82	62	85	58	60
20	64	61	64	61	62	78	101	82	61	78	58	59
21	64	62	62	61	59	77	67	83	60	56	58	59
22	64	62	60	61	57	72	72	82	61	56	57	58
23	63	62	59	60	61	58	100	81	61	56	58	58
24	62	62	58	61	63	58	102	83	60	56	58	56
25	63	60	59	59	63	71	104	81	59	56	57	56
26	62	57	63	61	74	69	101	80	57	56	57	54
27	61	58	64	59	66	74	67	80	56	56	57	61
28	e61	60	64	55	64	84	64	61	57	56	57	62
29	e104	59	63	55	72	76	63	61	56	56	58	61
30	e62	58	64	55	---	78	63	61	58	55	59	61
31	62	---	60	54	---	82	---	61	---	56	58	---
TOTAL	2043	1819	1892	1802	1791	2297	2855	2209	1816	2125	1773	1763
MEAN	65.9	60.6	61.0	58.1	61.8	74.1	95.2	71.3	60.5	68.5	57.2	58.8
MAX	104	64	65	63	74	89	111	83	64	86	59	66
MIN	58	57	58	53	54	58	63	61	56	55	55	54
CFSM	90.3	83.1	83.6	79.6	84.6	102	130	97.6	82.9	93.9	78.3	80.5
IN.	104.11	92.69	96.41	91.83	91.27	117.05	145.49	112.57	92.54	108.29	90.35	89.84

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1974 - 2004, BY WATER YEAR (WY)

MEAN	79.4	75.7	73.5	71.8	74.6	79.5	81.1	82.2	86.4	91.7	90.3	85.5
MAX	100	101	97.7	98.9	129	118	115	114	109	113	117	118
(WY)	1987	1986	1983	1998	1998	1998	1998	1998	1975	1974	1999	1999
MIN	58.2	58.5	56.9	24.4	54.1	58.6	59.6	55.8	59.3	68.5	57.2	58.8
(WY)	2003	1977	2003	1975	1997	1992	1990	1990	1988	2004	2004	2004

SAVANNAH RIVER BASIN

02197326 BEAVERDAM CREEK AT 400-D AT SAVANNAH RIVER SITE, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1974 - 2004	
ANNUAL TOTAL	26013		24185		80.9	
ANNUAL MEAN	71.3		66.1		98.2 1998	
HIGHEST ANNUAL MEAN					66.1 2004	
LOWEST ANNUAL MEAN					135 Feb 4 1998	
HIGHEST DAILY MEAN	110	Feb 27	111	Apr 7	1.0 a Oct 22 1999	
LOWEST DAILY MEAN	54	Jan 10	53	Jan 11	1.1 Oct 18 1999	
ANNUAL SEVEN-DAY MINIMUM	55	Jan 6	54	Jan 30	226 Sep 22 2000	
MAXIMUM PEAK FLOW			114	b Oct 12	d 4.05 Mar 20 2003	
MAXIMUM PEAK STAGE			3.69	c Apr 6	111	
ANNUAL RUNOFF (CFSM)	97.6		90.5		1505.18	
ANNUAL RUNOFF (INCHES)	1325.59		1232.44		100	
10 PERCENT EXCEEDS	94		85		83	
50 PERCENT EXCEEDS	64		61		60	
90 PERCENT EXCEEDS	58		56			

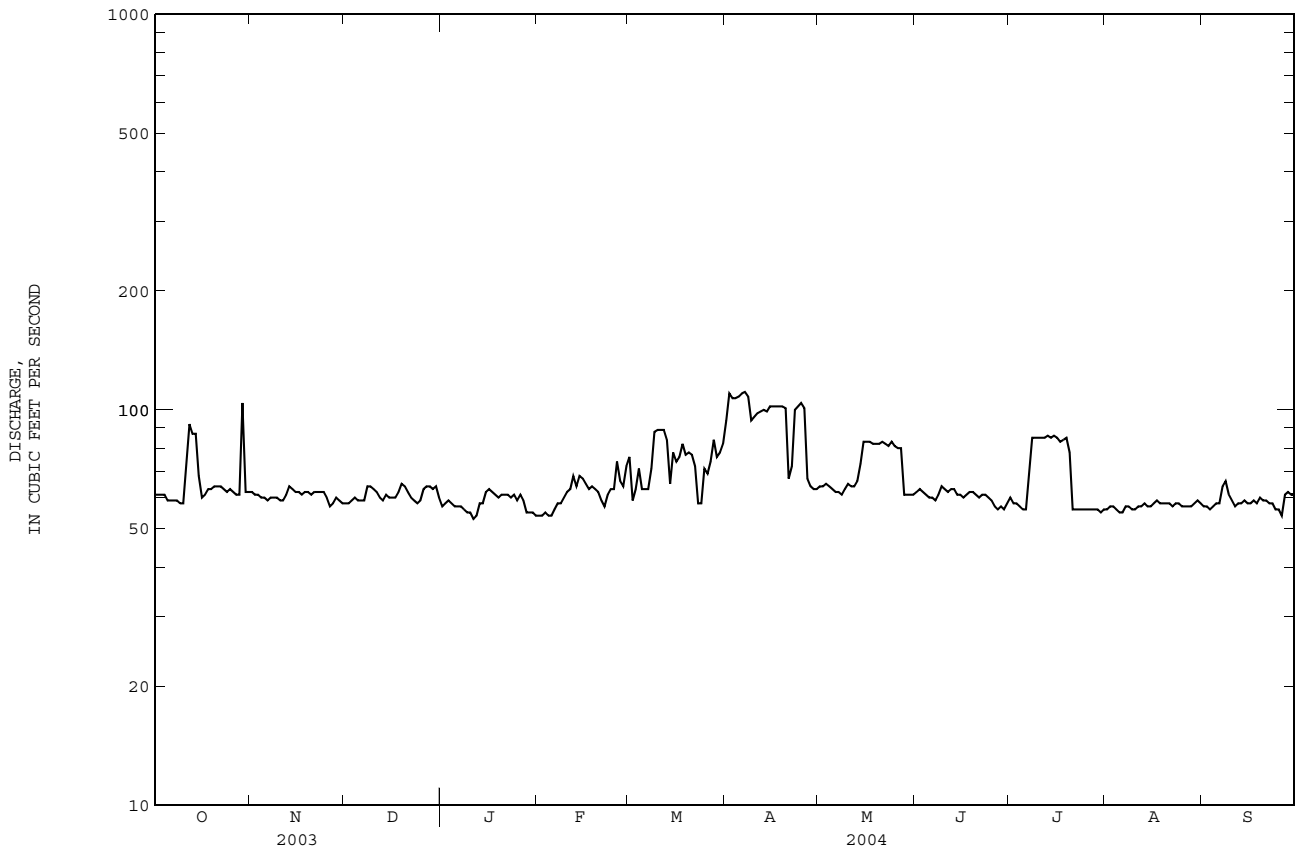
a Also occurred Oct. 23, 24, 1999.

b Also occurred Apr. 26.

c Also occurred Apr. 7.

d At datum then in use.

e Estimated

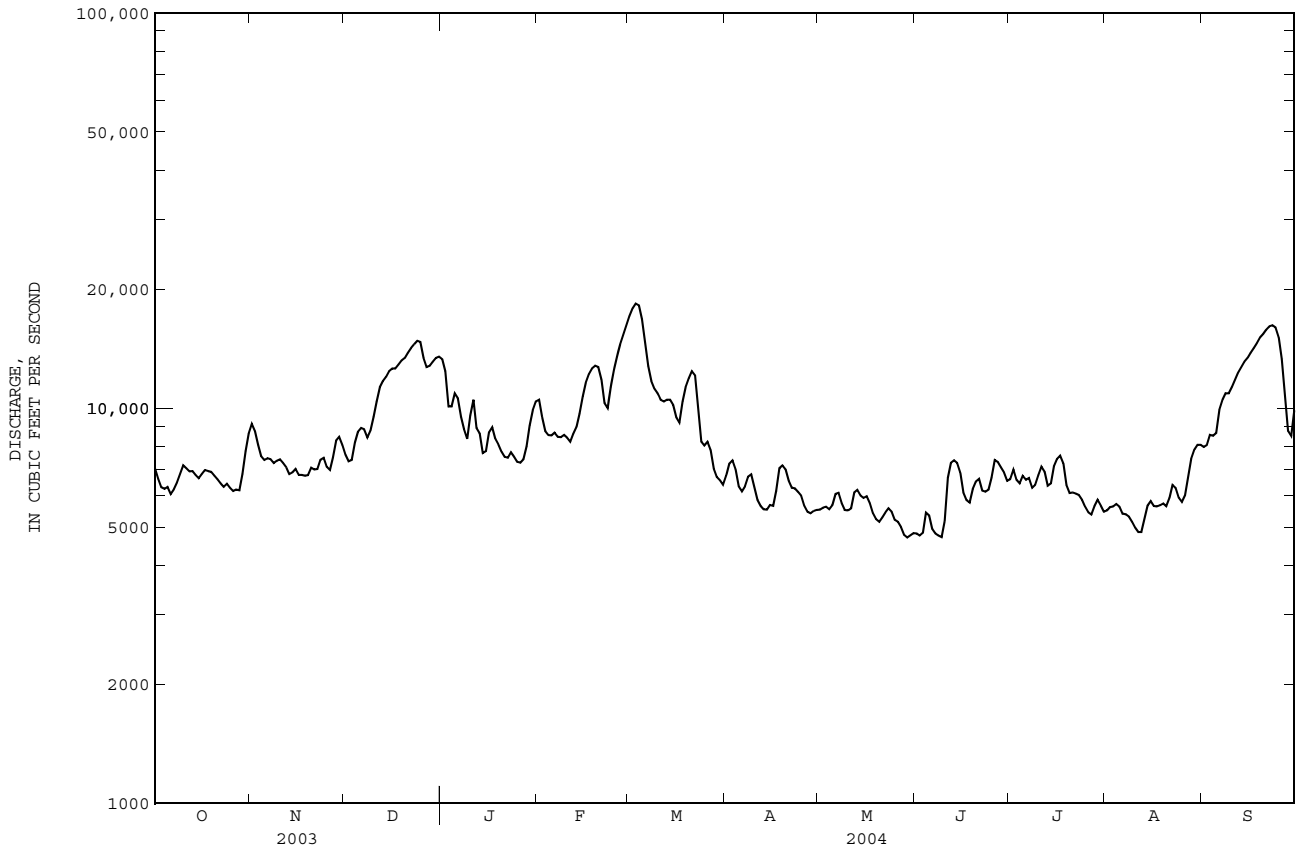


SAVANNAH RIVER BASIN

02198500 SAVANNAH RIVER NEAR CLYO, GA--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1930 - 2004	
ANNUAL TOTAL	5164300		3009960		11690	
ANNUAL MEAN	14150		8224		20900	
HIGHEST ANNUAL MEAN					1964	
LOWEST ANNUAL MEAN					2002	
HIGHEST DAILY MEAN	39600	Mar 24	18400	Mar 3	e 203000	b Oct 2 1929
LOWEST DAILY MEAN	5710	Jan 19	4710	May 29	1950	Sep 27 1931
ANNUAL SEVEN-DAY MINIMUM	5870	Jan 18	4790	May 28	2470	Sep 23 1931
MAXIMUM PEAK FLOW			18500	a Mar 3	c 270000	Oct 6 1929
MAXIMUM PEAK STAGE			12.77	Mar 3	c 29.70	Oct 6 1929
ANNUAL RUNOFF (CFSM)	1.44		0.835		1.19	
ANNUAL RUNOFF (INCHES)	19.50		11.37		16.12	
10 PERCENT EXCEEDS	26100		12800		21500	
50 PERCENT EXCEEDS	13000		7140		8730	
90 PERCENT EXCEEDS	6440		5480		5550	

- a Also occurred Mar. 4.
- b Also occurred Oct. 3-10, 1929, which are estimates.
- c Present datum (from information by U.S. Army Corps of Engineers) and from rating curve extended above 120,000 ft³/s.
- e Estimated



SAVANNAH RIVER BASIN

592

02198760 SAVANNAH RIVER ABOVE HARDEEVILLE, SC

LOCATION.--Lat 32°20'34'', long 81°07'53'', Jasper County, Hydrologic Unit Code 03060109, on canal near Bride Point at Jasper-Beaufort Water Authority pump house, 14 mi upstream from Abercorn Creek, and 7 mi northwest of Hardeeville, SC.

DRAINAGE AREA.--10,250 mi², approximately.

PERIOD OF RECORD.--October 1987 to current year.

GAGE.--Data collection platform. Records prior to October 1, 1987 are available through the U.S. Geological Survey, Georgia District. Datum of gage is NGVD of 1929 (levels furnished by the U.S. Army Corps of Engineers). Prior to May 30, 1990, at a site 2.0 mi downstream at same datum.

REMARKS.--Gage height affected by tide.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 14.18 ft, Feb. 17, 1998; minimum gage height, 1.97 ft, Aug. 18, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 10.93 ft, Mar. 5; minimum gage height, 2.53 ft, May 29, Aug. 11, 12.

Gage height, feet
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	6.84	5.13	6.03	7.27	5.96	6.62	5.94	4.77	5.37	8.89	8.58	8.72
2	6.57	4.73	5.74	7.20	6.05	6.67	5.91	4.60	5.19	8.89	8.40	8.64
3	6.48	4.51	5.59	7.01	5.72	6.47	6.00	4.42	5.23	8.51	7.35	8.02
4	6.20	4.24	5.33	6.74	5.21	6.07	6.44	4.62	5.61	7.61	6.81	7.16
5	6.08	4.16	5.12	6.45	4.86	5.71	6.64	5.10	5.89	7.65	6.77	7.20
6	6.00	3.99	5.05	6.42	4.76	5.58	6.60	5.46	6.03	7.71	7.03	7.30
7	6.06	4.02	5.02	6.34	4.72	5.54	7.00	5.67	6.32	7.52	6.52	7.02
8	6.17	4.24	5.20	6.46	4.69	5.60	6.96	5.55	6.24	7.23	5.98	6.59
9	6.31	4.44	5.36	6.49	4.75	5.66	6.83	5.47	6.18	6.92	5.53	6.21
10	6.41	4.73	5.66	6.55	4.79	5.67	7.24	5.79	6.53	7.14	5.55	6.38
11	6.56	4.90	5.74	6.39	4.65	5.49	7.24	6.17	6.67	7.65	6.44	7.03
12	6.51	4.88	5.71	5.97	4.35	5.10	7.73	6.73	7.20	7.65	6.84	7.21
13	6.32	4.80	5.59	5.38	3.90	4.54	8.12	7.19	7.63	7.25	5.97	6.68
14	6.27	4.64	5.48	5.63	3.79	4.55	8.35	7.59	7.95	6.65	5.35	6.03
15	5.84	4.30	5.10	5.64	4.00	4.70	8.35	7.73	8.01	6.28	5.17	5.72
16	5.99	4.32	5.11	5.54	4.00	4.64	8.47	7.91	8.15	6.59	5.23	5.99
17	6.02	4.52	5.21	5.43	3.82	4.51	8.48	8.05	8.22	6.98	5.52	6.39
18	6.05	4.63	5.23	5.73	3.94	4.76	8.59	8.04	8.33	7.54	6.14	6.87
19	6.13	4.62	5.30	5.76	3.99	4.77	8.63	8.21	8.42	7.49	6.36	6.83
20	6.08	4.40	5.20	6.08	3.88	4.99	8.78	8.27	8.56	7.33	5.87	6.55
21	6.06	4.34	5.16	6.32	4.28	5.37	9.08	8.48	8.83	6.98	5.28	6.12
22	6.17	4.22	5.10	6.39	4.31	5.38	9.29	8.75	9.05	6.66	4.83	5.72
23	6.41	4.37	5.42	6.58	4.40	5.55	9.49	8.97	9.26	6.34	4.67	5.42
24	6.49	4.47	5.54	6.79	4.69	5.76	9.64	9.20	9.44	6.37	4.66	5.49
25	6.57	4.55	5.61	6.68	4.64	5.65	9.67	9.31	9.50	6.44	4.53	5.49
26	6.45	4.31	5.40	6.63	4.40	5.59	9.63	9.20	9.45	6.36	4.67	5.57
27	6.41	4.12	5.35	6.66	4.52	5.65	9.38	8.78	9.10	---	---	---
28	6.58	4.25	5.51	6.82	4.87	5.87	9.01	8.56	8.80	5.99	4.78	5.35
29	6.48	4.61	5.63	6.45	5.16	5.64	8.90	8.49	8.69	6.25	5.15	5.83
30	6.91	4.89	5.89	6.37	5.09	5.74	8.83	8.51	8.65	6.65	5.77	6.34
31	7.08	5.56	6.33	---	---	---	8.86	8.51	8.70	7.12	6.32	6.79
MONTH	7.08	3.99	5.44	7.27	3.79	5.46	9.67	4.42	7.65	---	---	---

SAVANNAH RIVER BASIN

02198760 SAVANNAH RIVER ABOVE HARDEEVILLE, SC--Continued

Gage height, feet
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.62	6.73	7.14	10.32	10.12	10.24	5.76	4.33	5.02	5.54	3.54	4.53
2	7.59	6.67	7.04	10.47	10.29	10.40	6.20	4.65	5.41	5.93	3.66	4.76
3	7.08	6.00	6.48	10.71	10.45	10.57	6.60	5.08	5.82	5.99	3.85	4.85
4	6.76	5.58	6.08	10.85	10.65	10.76	6.54	5.08	5.82	6.28	3.98	5.06
5	6.88	5.45	6.12	10.93	10.82	10.87	6.49	4.64	5.64	6.37	3.97	5.13
6	6.99	5.60	6.28	10.90	10.62	10.76	6.38	4.33	5.31	6.39	4.20	5.23
7	6.80	5.45	6.01	10.64	10.01	10.31	6.42	4.33	5.30	6.51	4.28	5.35
8	6.64	5.32	5.89	10.04	9.18	9.59	6.37	4.61	5.42	6.42	3.99	5.20
9	6.82	5.51	6.13	9.37	8.49	8.92	6.51	4.81	5.61	6.20	3.72	4.96
10	6.70	5.49	6.08	8.91	8.08	8.50	6.55	4.44	5.51	5.97	3.72	4.87
11	6.54	5.29	5.86	8.61	7.68	8.17	6.19	4.02	5.11	5.85	3.75	4.81
12	6.71	5.50	6.10	8.28	7.45	7.85	6.22	3.97	5.11	5.82	3.78	4.97
13	6.88	5.77	6.34	8.13	7.48	7.79	5.87	3.80	4.65	6.01	4.32	5.22
14	7.32	5.92	6.74	8.20	7.49	7.83	4.69	3.45	4.02	5.95	4.23	5.11
15	7.75	6.61	7.35	8.15	7.40	7.73	5.59	3.50	4.57	5.97	4.09	4.99
16	8.22	7.24	7.86	7.99	7.19	7.55	5.78	3.75	4.72	6.02	4.05	4.95
17	8.66	7.84	8.34	7.64	6.73	7.20	5.97	3.83	4.85	5.94	3.91	4.89
18	8.91	8.29	8.63	8.03	6.83	7.48	6.34	4.46	5.30	5.69	3.48	4.58
19	9.06	8.52	8.80	8.44	7.45	7.93	6.36	4.94	5.55	5.55	3.22	4.33
20	9.13	8.63	8.88	8.84	7.97	8.40	6.28	4.80	5.44	5.45	3.04	4.08
21	9.08	8.39	8.74	8.96	8.44	8.69	6.23	4.52	5.28	5.33	3.11	3.98
22	8.75	7.62	8.20	9.07	8.60	8.84	6.05	4.15	4.95	5.33	3.23	4.06
23	8.14	7.04	7.56	9.08	8.11	8.64	5.82	4.05	4.73	5.30	3.43	4.12
24	7.91	7.14	7.57	8.45	6.64	7.52	5.52	4.02	4.58	5.27	3.30	4.11
25	8.41	7.71	8.08	7.37	5.94	6.54	5.47	3.96	4.57	5.10	3.04	3.85
26	9.04	8.26	8.83	6.89	5.81	6.25	5.35	3.61	4.37	4.86	2.97	3.72
27	9.40	8.88	9.23	6.64	5.51	6.03	4.91	3.49	4.12	4.64	2.84	3.66
28	9.85	9.37	9.70	6.26	4.96	5.56	4.85	3.46	4.14	4.68	2.77	3.64
29	10.15	9.84	10.05	6.21	4.72	5.40	5.28	3.51	4.32	5.08	2.53	3.65
30	---	---	---	6.04	4.70	5.31	5.33	3.47	4.41	5.48	2.80	4.14
31	---	---	---	5.96	4.56	5.12	---	---	---	5.61	2.77	4.15
MONTH	10.15	5.29	7.45	10.93	4.56	8.15	6.60	3.45	4.99	6.51	2.53	4.55

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	5.77	2.80	4.16	6.80	4.78	5.69	6.17	3.45	4.81	6.71	5.32	6.02
2	5.96	2.83	4.29	6.96	5.05	5.88	6.14	3.67	4.94	6.72	5.35	6.06
3	6.01	2.84	4.35	7.09	5.46	6.16	6.24	3.76	5.05	6.99	5.73	6.39
4	6.11	3.37	4.56	7.17	5.76	6.43	6.04	3.74	4.92	7.04	5.81	6.42
5	6.16	3.43	4.72	7.27	5.76	6.51	5.83	3.60	4.77	7.09	5.88	6.52
6	6.03	3.18	4.59	7.12	5.39	6.28	5.60	3.36	4.57	7.56	6.19	6.94
7	5.87	2.96	4.41	6.80	4.91	5.92	5.73	3.35	4.65	7.94	6.91	7.49
8	5.60	2.89	4.32	6.28	4.40	5.44	5.40	3.27	4.38	7.99	7.40	7.67
9	5.43	2.82	4.21	5.95	4.20	5.14	5.19	2.96	4.04	7.94	7.38	7.62
10	5.46	2.82	4.32	6.15	4.39	5.25	5.05	2.75	3.84	8.13	7.43	7.72
11	5.95	3.54	4.80	6.43	4.85	5.59	4.93	2.53	3.64	8.47	7.70	8.01
12	6.36	4.56	5.36	6.23	4.80	5.50	5.02	2.53	3.51	8.78	8.04	8.35
13	7.10	5.08	5.96	5.89	4.19	5.02	5.15	2.64	3.60	8.96	8.36	8.62
14	7.07	5.65	6.33	5.79	3.99	4.74	5.26	3.09	4.07	9.14	8.59	8.86
15	6.94	5.75	6.39	5.95	4.34	4.97	5.57	3.38	4.25	9.21	8.81	9.04
16	6.62	4.93	5.77	6.49	4.77	5.36	5.62	3.27	4.32	9.36	8.95	9.17
17	6.10	4.43	5.24	6.50	4.97	5.64	5.62	3.31	4.38	9.51	9.13	9.34
18	5.96	4.12	4.94	6.43	4.85	5.54	5.64	3.36	4.43	9.53	9.22	9.40
19	6.12	4.23	4.92	6.19	4.19	5.16	5.67	3.43	4.47	9.75	9.41	9.58
20	6.40	4.60	5.33	5.99	3.87	4.81	5.55	3.37	4.38	9.97	9.61	9.79
21	6.48	4.89	5.62	5.80	3.84	4.71	5.22	3.34	4.29	---	---	---
22	6.44	4.64	5.43	5.72	3.83	4.71	5.57	3.71	4.58	---	---	---
23	6.04	4.72	5.22	5.63	3.73	4.65	5.87	3.99	4.90	---	---	---
24	6.01	5.04	5.49	5.53	3.64	4.61	5.98	3.85	4.91	---	---	---
25	6.31	5.28	5.84	5.52	3.42	4.46	5.91	3.53	4.75	---	---	---
26	6.88	5.62	6.35	5.52	3.22	4.36	5.96	3.51	4.71	---	---	---
27	7.39	6.31	6.85	5.71	3.08	4.34	6.33	3.96	5.01	---	---	---
28	7.02	6.04	6.59	5.92	3.20	4.44	6.79	4.62	5.60	9.66	7.90	8.74
29	6.65	5.08	5.93	6.03	3.56	4.67	6.75	5.09	5.91	8.27	6.72	7.43
30	6.67	4.65	5.60	6.16	3.48	4.77	6.76	5.26	5.98	7.79	6.67	7.27
31	---	---	---	6.20	3.40	4.82	6.76	5.37	6.04	---	---	---
MONTH	7.39	2.80	5.26	7.27	3.08	5.21	6.79	2.53	4.64	---	---	---

SAVANNAH RIVER BASIN

594

334710081550700 USGS RAINGAGE AT EDGEFIELD, SC

LOCATION.--Lat 33°47'10'', long 81°55'07'', Edgefield County, Hydrologic Unit 03060107, located on SC County Road 19, behind the National Guard Armory building, next to the pond inside the fenced compound.

PERIOD OF RECORD.--January 1999 to current year.

INSTRUMENTATION.--Tipping bucket raingage and data collection platform.

REMARKS.--Precipitation data collected during freezing periods may not be accurately reflected in daily record; consequently, winter record is poor.

Precipitation, total, inches
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.09	0.00	0.15	0.03	0.00
2	0.00	0.00	0.00	0.00	0.38	0.00	0.00	1.07	0.00	0.04	0.12	0.03
3	0.00	0.00	0.01	0.00	0.08	0.00	0.00	0.01	0.00	0.01	0.00	0.04
4	0.00	0.29	0.46	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.00
5	0.00	0.02	0.01	0.20	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.18	0.01	0.00	0.00	0.43	0.03	0.00	0.00	0.00	0.00	0.01	0.04
7	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00	3.51
8	0.02	1.07	0.00	0.02	0.00	0.00	0.05	0.06	2.78	0.00	0.00	0.62
9	0.00	0.20	0.00	0.20	0.00	0.04	0.00	0.00	0.07	0.00	0.00	0.00
10	0.01	0.00	0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.14	0.00	0.00	0.00	0.06	0.00	0.09	0.00	0.00	0.06	0.03	0.00
12	0.00	0.00	0.00	0.00	0.97	0.00	0.20	0.15	0.45	0.25	1.17	0.00
13	0.00	0.00	0.55	0.00	0.00	0.00	0.50	0.00	0.00	0.01	0.04	0.03
14	0.48	0.00	0.28	0.00	0.75	0.00	0.00	0.01	0.51	0.00	0.06	0.01
15	0.00	0.01	0.01	0.00	0.41	0.00	0.00	0.00	0.56	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.19
17	0.02	0.00	0.31	0.05	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.33
18	0.00	0.00	0.00	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.80	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.11	0.00	0.00
20	0.00	0.00	0.00	0.00	0.05	0.02	0.00	0.04	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.46	0.00	0.00	0.90	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.80	0.00	0.13	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.00	0.02	0.00
24	0.00	0.03	0.01	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.34	0.00
25	0.00	0.00	0.00	0.48	0.22	0.06	0.00	0.00	0.31	0.00	0.01	0.00
26	0.00	0.00	0.00	0.00	0.91	0.00	1.07	0.00	0.00	0.00	0.00	0.00
27	0.00	0.03	0.00	0.25	0.35	0.00	0.01	0.00	0.36	0.16	0.00	3.51
28	0.68	0.42	0.00	0.02	0.00	0.00	0.00	0.00	0.20	0.11	0.00	0.36
29	0.09	0.00	0.00	0.00	0.00	0.00	0.10	0.03	0.01	0.00	0.00	0.00
30	0.00	0.00	0.02	0.00	---	0.26	0.26	0.01	2.34	0.00	0.00	0.00
31	0.05	---	0.00	0.00	---	0.51	---	0.03	---	0.00	0.02	---
TOTAL	1.77	2.88	2.03	1.53	4.70	1.42	2.31	1.50	9.90	0.90	1.98	8.67

EDISTO RIVER BASIN

335358081331900 USGS RAINGAGE AT BATESBURG, SC

LOCATION.--Lat 33°53'58'', long 81°33'19'', Lexington County, Hydrologic Unit 03050203, located on US Highway 1, 0.6 mi southwest of the intersection of US Highway 1 and US Highway 378, behind the municipal building of the town of Batesburg.

PERIOD OF RECORD.--June 1990 to current year.

INSTRUMENTATION.--Tipping bucket raingage and data collection platform.

REMARKS.--Precipitation data collected during freezing periods may not be accurately reflected in daily record; consequently, winter record is poor.

Precipitation, total, inches												
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004												
DAILY SUM VALUES												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.01	0.00
2	0.00	0.00	0.00	0.00	0.40	0.00	0.00	0.79	0.00	0.00	0.01	0.00
3	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.49	0.44	0.00	0.00	0.00	0.00	0.00	0.63	0.01	0.00	0.00
5	0.00	0.19	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00
6	0.75	0.01	0.00	0.00	0.45	0.04	0.00	0.00	0.00	0.00	0.00	0.06
7	0.22	0.00	0.00	0.00	0.00	0.61	0.00	0.00	0.11	0.00	0.00	5.10
8	0.00	0.18	0.00	0.17	0.00	0.00	0.00	0.00	0.83	0.00	0.00	0.63
9	0.00	0.29	0.00	0.14	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00
10	0.01	0.00	0.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.31	0.00	0.00	0.00	0.04	0.00	0.06	0.00	0.00	0.01	0.00	0.00
12	0.08	0.00	0.00	0.01	0.93	0.00	0.27	1.97	0.88	0.00	5.46	0.00
13	0.00	0.02	0.38	0.00	0.00	0.00	0.53	0.00	0.00	0.00	0.01	0.00
14	0.47	0.00	0.31	0.00	0.77	0.00	0.00	0.00	0.57	0.00	0.98	0.00
15	0.00	0.00	0.00	0.00	0.46	0.01	0.00	0.00	0.00	0.00	0.06	0.00
16	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.04
17	0.00	0.00	0.24	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.18
18	0.00	0.00	0.00	0.20	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
21	0.00	0.00	0.00	0.00	0.00	0.17	0.00	0.00	5.38	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.45	0.22	0.00	0.01	0.00
23	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.26	0.00
24	0.00	0.02	0.05	0.00	0.03	0.00	0.00	0.00	0.01	0.21	0.02	0.00
25	0.00	0.00	0.00	0.26	0.15	0.00	0.00	0.00	0.24	0.00	0.00	0.00
26	0.01	0.00	0.00	0.02	1.00	0.00	0.54	0.00	0.00	0.12	0.00	0.00
27	0.00	0.00	0.00	0.14	0.23	0.00	0.00	0.00	0.35	0.24	0.00	2.10
28	0.80	0.38	0.00	0.00	0.01	0.00	0.00	0.00	0.12	1.51	0.00	0.25
29	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.06	0.00	0.00
30	0.00	0.00	0.00	0.00	---	0.22	0.07	0.00	0.58	0.00	0.00	0.00
31	0.00	---	0.00	0.04	---	0.36	---	0.00	---	0.00	0.27	---
TOTAL	2.74	2.18	1.83	1.07	4.53	1.52	1.47	3.82	10.16	2.21	7.09	9.37

SANTEE RIVER BASIN

596

340008081501800 USGS RAINGAGE AT SALUDA, SC

LOCATION.--Lat 34°00'08'', long 81°50'18'', Saluda County, Hydrologic Unit 03050109, located on SC Highway 273 behind the Farm and Garden Supply building.

PERIOD OF RECORD.--December 1991 to current year.

INSTRUMENTATION.--Tipping bucket raingage and data collection platform.

REMARKS.--Precipitation data collected during freezing periods may not be accurately reflected in daily record; consequently, winter record is poor.

Precipitation, total, inches
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.92	0.00	0.01	0.01	0.00
2	0.00	0.00	0.00	0.00	0.42	0.00	0.05	0.91	0.00	0.00	0.14	0.00
3	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.01	0.00
4	0.00	0.13	0.51	0.00	0.00	0.00	0.00	0.00	0.97	0.48	0.00	0.00
5	0.00	0.01	0.01	0.09	0.01	0.00	0.00	0.05	0.00	0.00	0.00	0.00
6	0.06	0.00	0.00	0.00	0.48	0.02	0.00	0.00	0.00	0.00	0.00	0.05
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.57
8	0.12	0.10	0.00	0.04	0.00	0.00	0.00	0.00	2.22	0.00	0.00	0.49
9	0.00	0.08	0.00	0.21	0.00	0.00	0.00	0.00	0.34	0.00	0.00	0.00
10	0.03	0.00	0.47	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
11	0.10	0.00	0.00	0.00	0.06	0.00	0.02	0.08	0.00	0.91	0.00	0.00
12	0.00	0.00	0.00	0.00	1.15	0.00	0.24	0.32	0.04	0.00	2.51	0.00
13	0.00	0.00	0.82	0.00	0.00	0.00	0.47	0.00	0.00	0.00	0.00	0.00
14	0.06	0.00	0.46	0.00	0.89	0.00	0.00	0.00	0.00	0.00	0.13	0.00
15	0.00	0.00	0.01	0.00	0.78	0.00	0.00	0.00	0.12	0.00	0.01	0.00
16	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.01	0.00	0.00	0.38
17	0.04	0.00	0.16	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.72
18	0.00	0.00	0.00	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.85	0.00	0.00	0.00	0.00	0.00	0.00	0.35	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.17	0.00	0.00	1.88	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.00	0.00	0.00
24	0.00	0.04	0.01	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.04	0.00
25	0.00	0.00	0.00	0.26	0.14	0.00	0.00	0.00	0.24	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.65	0.00	0.15	0.00	0.00	0.00	0.00	0.00
27	0.00	0.03	0.00	0.35	0.71	0.00	0.00	0.00	1.63	0.54	0.00	2.71
28	0.70	0.21	0.00	0.33	0.00	0.00	0.00	0.00	0.07	0.24	0.00	0.21
29	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00
30	0.00	0.00	0.00	0.00	---	0.29	0.00	0.00	1.49	0.00	0.01	0.00
31	0.00	---	0.00	0.00	---	0.39	---	0.01	---	0.00	1.17	---
TOTAL	1.15	1.45	2.45	1.64	5.52	1.03	0.94	2.29	9.80	2.23	4.03	8.13

SANTEE RIVER BASIN

341256082092000 USGS RAINGAGE AT SAMPLE BRANCH AT GREENWOOD, SC

LOCATION.--Lat 34°12'56'', long 82°09'20'', Greenwood County, Hydrologic Unit 03050109, gage is located on the upstream side of the US Highway 25/178 by-pass bridge crossing Sample Branch.

PERIOD OF RECORD.--February 2003 to current year.

INSTRUMENTATION.--Tipping bucket raingage and data collection platform.

REMARKS.--Precipitation data collected during freezing periods may not be accurately reflected in daily record; consequently, winter record is poor.

DAY	Precipitation, total, inches											
	WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004											
	DAILY SUM VALUES											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	0.00	0.00	0.00	0.00	0.00	0.00	0.67	0.00	0.06	0.00	0.00
2	---	0.00	0.00	0.00	0.46	0.00	0.00	0.41	0.00	0.37	1.38	0.02
3	---	0.00	0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.05	0.01	0.00
4	---	0.01	0.43	0.00	0.00	0.00	0.00	0.00	0.94	0.31	0.00	0.00
5	---	0.00	0.00	0.26	0.00	0.00	0.00	0.00	0.00	---	0.00	0.00
6	---	0.02	0.00	0.00	1.61	0.05	0.00	0.00	0.00	---	0.00	0.00
7	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	---	0.00	3.60
8	---	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.07	---	0.00	0.59
9	---	0.03	0.00	0.13	0.00	0.00	0.00	0.00	0.01	---	0.00	0.00
10	---	0.00	0.76	0.00	0.00	0.00	0.00	0.00	0.00	---	0.00	0.00
11	---	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	---	0.00	0.00
12	---	0.00	0.00	0.00	1.18	0.00	0.28	0.34	1.08	0.00	---	0.00
13	---	0.00	0.69	0.00	0.00	0.00	0.59	0.00	0.00	0.00	---	0.01
14	---	0.00	0.20	0.00	0.56	0.00	0.00	0.00	0.26	0.00	---	0.00
15	---	0.00	0.00	0.00	0.82	0.00	0.00	0.00	0.35	0.00	---	0.00
16	---	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	---	0.19
17	---	0.00	0.16	0.14	0.00	0.00	0.00	0.00	0.00	0.00	---	0.11
18	---	0.16	0.01	0.45	0.00	0.00	0.00	0.32	0.00	0.37	0.00	0.00
19	---	1.03	0.00	0.00	0.00	0.00	0.00	0.00	0.59	0.00	0.00	0.00
20	---	0.00	0.00	0.00	0.00	0.19	0.00	0.00	0.01	0.00	0.00	0.00
21	---	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.55	0.00	0.01	0.00
22	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.00
24	0.00	0.03	0.01	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.19	0.00
25	0.00	0.00	0.00	0.65	0.01	0.00	0.00	0.00	0.02	0.00	0.00	0.00
26	0.01	0.00	0.00	0.00	0.10	0.00	0.11	0.00	0.00	0.93	0.00	0.00
27	0.00	0.02	0.00	0.20	0.84	0.00	0.01	0.00	1.43	0.03	0.00	0.08
28	0.45	0.21	0.00	0.00	0.15	0.00	0.00	0.00	0.05	0.00	0.00	0.00
29	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00
30	0.00	0.00	0.02	0.00	---	0.57	0.25	0.00	0.65	0.00	0.00	0.00
31	0.00	---	0.00	0.00	---	0.27	---	0.11	---	0.00	0.00	---
TOTAL	---	1.52	2.30	1.83	5.89	1.14	1.24	1.85	6.70	---	---	4.60

SANTEE RIVER BASIN

598

341913081341500 USGS RAINGAGE AT NEWBERRY, SC

LOCATION.--Lat 34°19'13'', long 81°34'15'', Newberry County, Hydrologic Unit 03050109, gage is located beside the National Guard Armory off SC Highway 34 near Newberry.

PERIOD OF RECORD.--October 1990 to current year.

INSTRUMENTATION.--Tipping bucket raingage and data collection platform.

REMARKS.--Precipitation data collected during freezing periods may not be accurately reflected in daily record; consequently, winter record is poor.

Precipitation, total, inches
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.26	0.00	0.02	0.24	0.00
2	0.00	0.00	0.00	0.00	0.49	0.00	0.00	0.23	0.00	0.17	0.30	0.00
3	0.00	0.00	0.00	0.00	0.19	0.00	0.00	0.18	0.00	0.59	0.01	0.00
4	0.00	0.07	0.39	0.00	0.00	0.00	0.00	0.02	0.16	0.19	0.00	0.00
5	0.00	0.01	0.01	0.16	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00
6	0.96	0.23	0.00	0.00	0.65	0.02	0.00	0.00	0.00	0.00	0.00	0.07
7	0.41	0.01	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	4.99
8	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.38	0.00	0.00	0.57
9	0.03	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.24	0.00	0.00	0.00
10	0.32	0.00	0.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.10	0.00	0.00	0.00	0.04	0.00	0.06	0.00	0.00	0.14	0.00	0.00
12	0.00	0.00	0.00	0.00	0.88	0.00	0.31	0.00	0.07	0.00	0.69	0.00
13	0.00	0.00	0.70	0.00	0.00	0.00	0.48	0.00	0.06	0.00	0.01	0.00
14	0.22	0.00	0.46	0.00	0.64	0.00	0.00	0.00	0.05	0.00	0.25	0.00
15	0.00	0.00	0.00	0.00	0.73	0.22	0.00	0.04	0.02	0.00	0.07	0.00
16	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.28	0.00	0.00	0.14
17	0.03	0.00	0.15	0.02	0.00	0.00	0.00	0.00	0.00	0.31	0.00	0.30
18	0.00	0.00	0.00	0.22	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00
19	0.00	0.86	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.08	1.13	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.20	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.24	0.00	0.01	0.00
24	0.00	0.04	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.41	0.00
25	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.04	0.00	0.17	0.00	0.00	0.80	0.00	0.00
27	0.00	0.01	0.00	0.01	0.53	0.00	0.01	0.00	0.65	0.20	0.00	1.57
28	0.70	0.10	0.00	0.45	0.20	0.00	0.00	0.00	0.01	0.25	0.00	0.37
29	0.04	0.01	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
30	0.00	0.00	0.00	0.00	---	0.22	0.32	0.00	0.27	0.00	0.00	0.00
31	0.00	---	0.00	0.00	---	0.66	---	0.01	---	0.00	0.00	---
TOTAL	2.83	1.34	2.13	1.23	4.44	1.40	1.35	0.85	4.91	2.71	1.99	8.01

PEE DEE RIVER BASIN

343024080130600 USGS RAINGAGE NEAR MCBEE, SC

LOCATION.--Lat 34°30'24'', long 80°13'06'', Chesterfield County, Hydrologic Unit 03040201, gage is located at the Sandhills Wildlife Refuge, across from the headquarters building.

PERIOD OF RECORD.--March 1998 to current year.

INSTRUMENTATION.--Tipping bucket raingage and data collection platform.

REMARKS.--Precipitation data collected during freezing periods may not be accurately reflected in daily record; consequently, winter record is poor.

Precipitation, total, inches												
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004												
DAILY SUM VALUES												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.03	0.00	0.13	0.02	0.00
2	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.75	0.00	0.00	0.30	0.00
3	0.00	0.00	0.00	0.00	0.20	0.00	0.00	0.29	0.00	3.41	0.11	0.00
4	0.00	0.00	0.28	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00
5	0.00	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.00	1.61	0.12	0.00
6	0.00	0.00	0.04	0.00	0.36	0.03	0.00	0.00	0.72	0.00	0.24	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.00	0.00	5.95
8	0.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.22
9	0.00	0.05	0.00	0.33	0.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00
10	1.56	0.00	1.23	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00
11	0.19	0.00	0.00	0.00	0.03	0.00	0.01	0.00	0.00	0.05	0.00	0.00
12	0.00	0.00	0.00	0.00	1.06	0.00	0.79	0.04	0.00	0.22	1.13	0.00
13	0.00	0.00	0.34	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.17	0.00
14	0.87	0.00	0.31	0.00	0.73	0.00	0.01	0.00	1.36	0.00	0.17	0.17
15	0.00	0.00	0.00	0.00	0.56	0.01	0.00	0.00	0.03	0.00	1.09	0.00
16	0.00	0.00	0.02	0.00	0.00	0.12	0.00	0.00	0.05	0.00	0.00	0.06
17	0.85	0.00	0.04	0.03	0.06	0.00	0.00	0.00	0.34	0.83	0.00	0.44
18	0.00	0.01	0.00	0.13	0.00	0.00	0.00	0.00	0.27	0.05	0.00	0.00
19	0.00	0.98	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.04	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.97	0.05	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.37	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	2.13	0.00	0.00	0.00
24	0.00	0.06	0.05	0.00	0.01	0.00	0.00	0.00	0.17	0.00	0.00	0.00
25	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.40	0.00	0.00	0.00
26	0.56	0.00	0.00	---	---	0.00	0.53	0.00	0.04	0.00	0.00	0.00
27	0.00	0.00	0.00	---	---	0.00	0.01	0.00	0.24	0.81	0.04	1.93
28	1.27	0.07	0.00	---	---	0.00	0.00	0.00	0.03	0.10	0.00	0.28
29	0.34	0.00	0.00	0.19	0.06	0.00	0.00	0.00	0.00	1.10	3.98	0.00
30	0.00	0.00	0.00	0.00	---	0.15	0.03	0.01	0.00	0.12	1.81	0.00
31	0.00	---	0.00	0.00	---	0.06	---	0.00	---	0.00	0.15	---
TOTAL	6.17	1.17	2.31	---	---	0.42	1.62	2.68	7.09	8.49	9.33	11.05

SANTEE RIVER BASIN

600

343714082285600 USGS RAINGAGE AT WILLIAMSTON, SC

LOCATION.--Lat 34°37'14'', long 82°28'56'', Anderson County, Hydrologic Unit 03050109, gage is located at the Williamston City Water Treatment Plant at College and Minor Street.

PERIOD OF RECORD.--August 1998 to current year.

INSTRUMENTATION.--Tipping bucket raingage and data collection platform.

REMARKS.--Precipitation data collected during freezing periods may not be accurately reflected in daily record; consequently, winter record is poor.

Precipitation, total, inches
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.41	---	0.65	0.00	0.34
2	0.00	0.00	0.00	0.00	0.79	0.06	0.00	0.73	0.00	0.03	2.02	0.85
3	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.04	0.38	0.00	0.00	0.00	0.00	0.00	0.11	0.25	0.00	0.00
5	0.00	0.23	0.00	0.55	0.11	0.00	0.00	0.00	0.00	0.00	0.08	0.00
6	0.00	0.15	0.00	0.00	0.54	0.04	0.00	0.00	0.00	0.00	0.00	0.24
7	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	6.14
8	0.52	0.00	0.00	0.00	0.00	---	0.00	0.00	0.27	0.02	0.00	0.61
9	0.14	0.00	0.00	0.15	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00
10	0.06	0.00	1.24	0.01	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00
11	0.13	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.31	0.00	0.00
12	0.00	0.00	0.00	0.00	0.62	---	0.15	0.81	0.00	0.23	1.84	0.00
13	0.00	0.00	0.49	0.00	0.00	---	0.93	0.00	0.05	0.00	0.00	0.00
14	0.00	0.00	0.20	0.00	0.28	---	0.00	0.00	0.19	0.00	0.05	0.00
15	0.00	0.00	0.00	0.00	0.13	---	0.00	0.00	0.04	0.00	0.00	0.00
16	0.00	0.00	0.01	0.00	0.00	---	0.00	0.08	0.13	0.00	0.00	0.52
17	0.00	0.22	0.11	0.09	0.00	---	0.00	0.00	0.00	0.05	0.08	1.04
18	0.00	0.61	0.00	0.21	0.00	---	0.00	---	0.67	0.12	0.01	0.00
19	0.00	1.46	0.00	0.00	0.00	---	0.00	---	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	---	0.00	---	0.00	0.00	0.40	0.00
21	0.00	0.00	0.00	0.00	0.00	---	0.00	---	0.42	0.00	0.01	0.00
22	0.01	0.00	0.00	0.00	0.00	---	0.00	---	0.05	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	---	0.00	---	0.89	0.00	0.00	0.00
24	0.00	0.25	0.08	0.00	0.01	---	0.00	---	0.53	0.00	0.05	0.00
25	0.00	0.00	0.00	0.38	0.00	---	0.00	---	2.91	0.70	0.00	0.00
26	0.83	0.00	0.00	0.00	0.03	---	0.13	---	0.14	0.48	0.00	0.00
27	0.68	0.12	0.00	0.33	0.32	---	0.00	---	0.18	0.26	0.00	4.11
28	0.06	0.44	0.00	0.29	0.00	---	0.00	---	0.03	0.01	0.00	0.29
29	0.00	0.00	0.00	0.00	0.00	---	0.00	---	0.00	0.18	0.00	0.00
30	0.00	0.00	0.06	0.00	---	0.65	0.03	---	0.35	0.01	0.00	0.00
31	0.00	---	0.00	0.00	---	0.06	---	---	---	0.00	0.00	---
TOTAL	2.43	3.52	2.57	2.01	2.85	---	1.24	---	---	3.30	4.54	14.14

PEE DEE RIVER BASIN

344446080202600 USGS RAINGAGE NEAR PAGELAND, SC

LOCATION.--Lat 34°44'46'', long 80°20'26'', Chesterfield County, Hydrologic Unit 03040201, gage is located at the Pageland Airport on SC County Road 753.

PERIOD OF RECORD.--March 1998 to current year.

INSTRUMENTATION.--Tipping bucket raingage and data collection platform.

REMARKS.--Precipitation data collected during freezing periods may not be accurately reflected in daily record; consequently, winter record is poor.

Precipitation, total, inches
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.01	0.00	0.00	0.03	---
2	0.00	0.00	0.00	0.00	0.07	0.00	0.00	1.22	0.00	0.42	0.02	---
3	0.00	0.00	0.00	0.00	0.17	0.00	0.00	0.11	0.00	0.04	0.00	0.00
4	0.00	0.00	0.24	0.00	0.00	0.00	0.00	0.00	0.03	0.05	---	0.00
5	0.00	0.00	0.01	0.25	0.00	0.00	0.00	0.00	0.00	0.50	---	0.00
6	0.00	0.00	0.00	0.00	0.33	0.02	0.00	0.00	0.08	0.00	---	0.62
7	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---	3.72
8	1.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---	1.38
9	0.02	0.01	0.00	0.22	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
10	0.56	0.00	0.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.29	0.00	0.00
12	0.00	0.00	0.00	0.00	0.92	0.00	0.38	0.04	0.00	0.01	0.90	0.00
13	0.00	0.00	0.50	0.00	0.00	0.00	0.37	0.00	0.04	0.00	0.01	0.00
14	0.72	0.00	0.27	0.00	0.47	0.00	0.01	0.00	0.00	0.00	0.03	0.02
15	0.00	0.00	0.00	0.00	0.35	0.24	0.00	0.00	0.03	0.00	1.21	0.00
16	0.00	0.00	0.01	0.00	0.00	0.14	0.00	0.00	0.04	0.00	0.00	0.00
17	0.38	0.00	0.20	0.03	0.00	0.00	0.00	0.00	0.00	0.56	0.00	0.90
18	0.00	0.03	0.00	0.18	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	1.03	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.16	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	2.57	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.00
26	0.29	0.00	0.00	0.00	0.00	0.00	0.22	0.00	0.13	0.00	0.00	0.00
27	0.00	0.00	0.00	0.21	0.40	0.00	0.01	0.00	1.01	1.11	0.03	2.01
28	0.84	0.25	0.00	0.00	0.14	0.00	0.00	0.01	0.07	1.10	0.00	0.67
29	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.30	---	0.00
30	0.00	0.00	0.00	0.00	---	0.18	0.01	0.03	0.02	0.00	---	0.00
31	0.00	---	0.00	0.00	---	0.29	---	0.06	---	0.00	---	---
TOTAL	4.28	1.15	1.99	0.89	2.86	1.03	1.10	1.52	5.52	4.54	---	---

**DISCHARGE AT PARTIAL-RECORD STATIONS
AND MISCELLANEOUS SITES**

Lakes and reservoirs in South Carolina

PEE DEE RIVER BASIN

02130908 LAKE ROBINSON.--Lat 34°23'40", long 80°09'00", Darlington County, Hydrologic Unit 03040201, at plant intake structure on Black Creek, 2.3 mi upstream from Beaverdam Creek, and 4.7 mi west of Hartsville. Drainage area, 173 mi². Records available November 1960 to current year. Lake used for cooling water at the Robinson Steam-Electric Generating Plant of Carolina Power and Light Co. Put in operation 1960. Records furnished by Carolina Power and Light Co.

SANTEE RIVER BASIN

02145900 LAKE WYLIE.--Lat 35°01'15", long 81°00'30", York County, Hydrologic Unit 03050101, at powerplant on Catawba River, 2.0 mi upstream from Big Dutchman Creek, 3.5 mi upstream from U.S. Highway 21, 3.5 mi northwest of Fort Mill, and at mile 138.5. Drainage area, 3,020 mi², approximately. Records available October 1960 to current year. Records of stage August 1925 to September 1960 collected by Duke Power Company. Gage, float gage, and indicator in powerhouse. Datum of gage is 469.4 ft above National Geodetic Vertical Datum of 1929 (levels by Duke Power Co.). Lake, used for hydroelectric power development, was first put in operation August 1925. Usable capacity, 2,520,500,000 ft³ between gage heights 95.0 ft and 100.0 ft. Dead storage 4,022,000,000 ft³. Records furnished by Duke Power Co.

02147300 FISHING CREEK RESERVOIR.--Lat 34°36'00", long 80°53'34", Chester County, Hydrologic Unit 03050103, at Fishing Creek dam, 0.25 mi upstream from State Highway 97, 0.5 mi upstream from Fishing Creek, 2.5 mi north of Great Falls, and at mile 100.5. Drainage area 3,810 mi², approximately. Records available October 1960 to current year. Records of stage November 1916 to September 1960 collected by Duke Power Co. Gage, float gage, and indicator in powerhouse. Datum of gage is 317.2 ft above National Geodetic Vertical Datum of 1929 (levels by Duke Power Co.). Reservoir, used for hydroelectric power, was first put in operation November 1916. Usable capacity 667,000,000 ft³ between gage heights 95.0 ft and 100.0 ft. Dead storage 963,100,000 ft³. Records furnished by Duke Power Co.

02147800 WATEREE RESERVOIR.--Lat 34°20'15", long 80°44'10", Kershaw County, Hydrologic Unit 03050104, at Wateree Reservoir dam, 0.8 mi upstream from Grannies Quarter Creek, 8.75 mi northwest of Camden, and at mile 73.5. Drainage area 4,750 mi², approximately. Records available October 1960 to current year. Records of stage October 1919 to September 1960 collected by Duke Power Co. Gage, float gage, and indicator in powerhouse. Datum of gage is 125.5 ft above National Geodetic Vertical Datum of 1929 (levels by Duke Power Co.). Reservoir, used for hydroelectric power, was put in operation in 1917. Usable capacity 2,794,000,000 ft³ between gage heights 95.0 ft and 100.0 ft. Dead storage 4,831,600,000 ft³. Reservoir contents above 100.0 ft gage height are estimated based on extrapolation of the capacity curve. Records furnished by Duke Energy Corporation.

MONTH-END GAGE HEIGHTS OR ELEVATIONS, AND CONTENTS, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Lake Robinson			Lake Wylie			Fishing Creek Reservoir			Wateree Reservoir		
	Elevation (feet)	Contents (million cubic feet)	Change in Contents (equivalent in ft ³ /s)	Elevation (feet)	Contents (million cubic feet)	Change in Contents (equivalent in ft ³ /s)	Elevation (feet)	Contents (million cubic feet)	Change in Contents (equivalent in ft ³ /s)	Elevation (feet)	Contents (million cubic feet)	Change in Contents (equivalent in ft ³ /s)
Sept. 30, 2003	220.4	1290		96.9	8780		96.6	1160		97.3	6070	
Oct. 31, 2003	220.9	1340	+18.7	96.9	8780	0	97.4	1270	+41.1	97.7	6290	+82.1
Nov. 30, 2003	220.7	1320	-7.72	96.3	8490	-112	96.1	1100	-65.6	96.2	5470	-316
Dec. 31, 2003	220.7	1320	0	96.3	8490	0	98.1	1360	+97.1	95.3	4990	-179
Cal. Yr. 2003	-0.92			-3.01			-7.87			-44.8		
Jan. 31, 2004	220.7	1320	0	95.1	7910	-217	96.9	1200	-59.7	98.0	6460	+549
Feb. 28, 2004	221.0	1350	+12.0	96.2	8440	+212	96.6	1160	-16.0	96.7	5740	-287
Mar. 31, 2004	220.6	1310	-14.9	97.0	8830	+146	95.5	1020	-52.3	96.7	5740	0
Apr. 30, 2004	220.6	1310	0	96.9	8780	-19.3	97.7	1310	+112	97.5	6180	+170
May 31, 2004	220.3	1280	-11.2	97.2	8930	+56.0	97.5	1280	-11.2	97.1	5960	-82.1
June 30, 2004	220.6	1310	+11.6	98.2	9440	+197	97.7	1310	+11.6	98.3	6630	+258
July 31, 2004	220.6	1310	0	97.4	9030	-153	97.2	1240	-26.1	97.6	6240	-146
Aug. 31, 2004	221.0	1350	+14.9	97.0	8830	-74.7	97.2	1240	0	98.0	6460	+82.1
Sept. 30, 2004	220.9	1340	-3.86	98.0	9340	+197	98.3	1390	+57.9	97.0	5900	-216
Wtr. Yr. 2004	+1.58			+17.6			-7.21			-5.31		

DISCHARGE AT PARTIAL-RECORD STATIONS
AND MISCELLANEOUS SITES

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Crest-stage partial-record stations

The following table contains annual maximum discharges for crest-stage stations. A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain but is usually determined by comparison with nearby continuous-record stations, weather records, or local inquiry. Only the maximum discharge for the current year and the period of record is given. Information on some lower floods may have been obtained but is not published herein.

Annual maximum discharge at crest-stage partial-record stations during water year 2004 in South Atlantic Slope basins.

Station name and number	Location and drainage area	Period of record	Water year maximum			Period of record maximum		
			Date	Gage height (ft)	Discharge (ft ³ /s)	Date	Gage height (ft)	Discharge (ft ³ /s)
Pee Dee River Basin								
Back Swamp near Darlington, SC (02130800)	Lat 34°18'11", long 79°46'07", Darlington County, on State Highway 35, 5.7 mi east of Darlington. Drainage area is 6.22 mi ² .	1975-04	09-08-04	9.04	299	12-24-94	12.21	800
Tributary to Swift Creek at Darlington, SC(02130970)	Lat 34°18'11", long 79°51'23", Darlington County, east of 6th Street at a crossing of a tributary to Swift Creek, 1.1 mi east of City Hall in Darlington and 0.1 mi upstream of the mouth at Swift Creek. Drainage area is 0.51 mi ² .	1986-04	09-08-04	6.25	(+)	07-24-97	6.74	(+)
Jeffries Creek above Florence, SC (02131110)	Lat 34°10'40", long 79°48'34", Florence County, at bridge on State Highway 29, 2.6 mi southwest of Florence, and 5.0 mi upstream from confluence with Middle Swamp. Drainage area is 46.6 mi ² .	1968-04	09-08-04	7.83	1,240	12-24-94	10.72	3,220
Gully Branch at Cherokee Road at Florence, SC (02131130)	Lat 34°11'00", long 79°46'12", Florence County, 1.1 mi south of the City-County Complex, and 0.8 mi upstream of the mouth at Jefferies Creek. Drainage area is 1.92 mi ² .	1984-04	09-08-04	5.62	616	04-19-02	6.58	(+)
Lynches River near Pageland, SC (02131250)	Lat 34°45'00", long 80°30'31", Chesterfield-Lancaster County, on State Highway 9. Drainage area is 73.2 mi ² .	1991-92 1995-04	09-08-04	22.06	(+)	09-08-04	22.06	(+)
Hanging Rock Creek near Kershaw, SC (02131472)	Lat 34°30'58", long 80°34'59", Lancaster County, on right downstream side of bridge on State Road 770, 2.1 mi south of Kershaw, and 4.0 mi upstream from mouth. Drainage area is 23.9 mi ² .	1980-03 2004	09-08-04	8.54	1,080	10-10-90	10.69	3,760
Lynches River near Bishopville, SC (02131500)◆◆	Lat 34°15'00", long 80°12'50", Lee County, on U.S. Highway 15, 1.0 mi upstream from Seaboard Coast Line Railroad bridge, 2.9 mi northeast of Bishopville, 3.0 mi downstream from Bells Branch. Drainage area is 675.0 mi ² .	1942-71 1971-04	09-11-04	15.01	6,790	09-19-45	22.35	29,400
Two Mile Branch near Lake City, SC (02132100)	Lat 33°53'38", long 79°45'38", Florence County, on U.S. Highway 378 By-Pass and 1.4 mi north of Lake City. Drainage area is 19.0 mi ² .	1976-04	A	B	(+)	12-24-94	10.19	2,400
Little Pee Dee River near Dillon, SC (02132500)	Lat 34°24'17", long 79°20'25", Dillon County, on State Highway 9, 1.9 mi southeast of Dillon, 3.9 mi upstream from Maple Swamp. Drainage area is 524.0 mi ² .	1939-71 1972-04	09-14-04	10.52	3,310	09-20-45	14.64	9,810

DISCHARGE AT PARTIAL-RECORD STATIONS
AND MISCELLANEOUS SITES

Station name and number	Location and drainage area	Period of record	Water year maximum			Period of record maximum		
			Date	Gage height (ft)	Discharge (ft ³ /s)	Date	Gage height (ft)	Discharge (ft ³ /s)
Scape Ore Swamp near Bishopville, SC (02135300)	Lat 34°09'02", long 80°18'18", Lee County, on left bank, on downstream side of bridge on U.S. Highway 15, 0.1 mi downstream from Beaverdam Creek, 0.9 mi upstream from Seaboard Coast Line Railroad bridge, and 5.8 mi southwest of Bishopville. Drainage area is 96.0 mi ² .	1968-03 2004	09-08-04	6.48	325	10-12-90	11.80	4,500
Davis Branch near Sumter, SC (021355013)	Lat 33°49'53", long 80°12'38", Sumter County, off road 341, 9.5 mi southeast of Sumter and 15.8 mi northeast of Pinewood. Drainage area is 2.50 mi ² .	1991-04	09-08-04	5.06	76	07-24-97	6.30	81.6
Turkey Creek at Sumter, SC (02135518)	Lat 33°55'13", long 80°19'43", Sumter County, 0.7 mi east of City Hall, 4.0 mi above mouth at Pocataligo River, on Hwy 76 crossing of Turkey Creek. Drainage area is 2.20 mi ² .	1985-04	09-08-04	6.96	232	07-29-94	11.93	(+)*
Chaney Swamp near Greeleyville, SC (02136010)	Lat 33°35'12", long 79°56'48", Williamsburg County, on U.S. Highway 52, 2.5 mi upstream from Rocky Ford Swamp, and 2.5 mi east of Greeleyville. Drainage area is 17.0 mi ² .	1974-04	08-30-04	6.60	464	08-24-92	7.16	(+)
Santee River Basin								
Crowders Creek near Clover, SC (02145642)	Lat 35°08'14", long 81°08'09", York County, on road 1104, 1.7 mi downstream from mouth of Rocky Branch and 5.6 mi northeast of Clover. Drainage area is 89.0 mi ² .	1991-92 1993-04	09-08-04	12.39	3,290	05-23-03	19.05	(+)
Camp Run Creek near Clover, SC (021456499)◆◆	Lat 35°06'27", long 81°08'23", York County, on road 649, 4.5 mi east of Clover. Drainage area is 3.14 mi ² .	1990-04	09-27-04	4.87	(+)	08-27-95	6.78	(+)
Steele Creek near Fort Mill, SC (021467801)	Lat 35°02'42", long 80°56'28", York County, on State Highway 21 By-Pass, 2.8 mi north of Fort Mill. Drainage area is 26.4 mi ² .	1991-92 1994-04	09-07-04	9.49	635	07-24-97	17.15	(+)
Dunn Creek near Landsford, SC (021471900)	Lat 34°46'00", long 80°53'23", Chester County, on County road 330, 1.8 mi southeast of Landsford. Drainage area is 2.35 mi ² .	1990-04	A	B	(+)	07-24-97	16.22	1,400
Wildcat Creek below Rockhill, SC (021473428)	Lat 34°53'22", long 81°04'11", York County, on state secondary road 998, 2.5 mi southwest of Rockhill. Drainage area is 29.7 mi ² .	1999-00 2000-04	09-07-04	9.09	840	03-21-03	18.61	(+)
Horse Creek near Winnsboro, SC (021476511)	Lat 34°24'07", long 80°58'59", Fairfield County, on State Highway 41, 8.6 mi east of Winnsboro and 6.8 mi north of Ridgeway. Drainage area is 4.73 mi ² .	1991-04	A	B	(+)	07-24-97	13.68	1,390
Swift Creek near Camden, SC (02148090)	Lat 34°11'49", long 80°28'58", Kershaw County, on County Road 786, 7.9 mi southeast of Camden. Drainage area is 4.90 mi ² .	1991-04	09-28-04	3.10	30.6	03-20-03	7.14	112
Colonels Creek near Leesburg, SC (02148300)◆◆	Lat 34°00'25", long 80°43'58", Richland County, at bridge on State Highway 262, 0.2 miles above Jumping Run Creek and 1.9 miles southwest of Leesburg. Drainage area is 38.1 mi ² .	1966-1980 2004	09-28-04	5.76	(+)	08-11-67	7.78**	(+)
Bullock Creek near Sharon, SC (02153800)	Lat 34°57'13", long 81°22'58", York County, on county road 211, 2.5 mi northwest of Sharon, 3.0 mi southeast of Hickory Grove. Drainage area is 84.33 mi ² .	1991-04	09-08-04	15.20	4,000	10-12-90	17.36	9,840

DISCHARGE AT PARTIAL-RECORD STATIONS
AND MISCELLANEOUS SITES

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Station name and number	Location and drainage area	Period of record	Water year maximum			Period of record maximum		
			Date	Gage height (ft)	Discharge (ft ³ /s)	Date	Gage height (ft)	Discharge (ft ³ /s)
Bells Creek near Sharon, SC (02153840)	Lat 34°53'09", long 81°25'51", York County, on County Road 73, 7.2 mi southwest of Sharon, 12.0 mi west of McConnells, 4.5 mi upstream from confluence of Bullocks Creek and Broad River. Drainage area is 5.96 mi ² .	1991-04	09-08-04	6.63	660	10-12-90	8.47	960
Turkey Creek near Lowrys, SC (021563931)	Lat 34°48'47", long 81°22'10", Chester County, on county road 97, 11.5 mi northwest of Chester, 7.5 mi west of Lowrys. Drainage area is 81.51 mi ² .	1991-04	09-08-04	13.47	3,370	10-13-90	16.37	9,510
Rodens Creek near Chester, SC (021563973)	Lat 34°44'58", long 81°21'33", Chester County, on State Road 9, 11.0 mi southeast of Lockhart and 7.0 mi northwest of Chester. Drainage area is 2.22 mi ² .	1990-04	09-08-04	13.43	591	06-15-92	14.36	766
Middle Tyger River at Lyman, SC (02157500)	Lat 34°56'35", long 82°08'00", Spartanburg County, on left bank 200 ft upstream from bridge on State Highway 292 at Lyman. Drainage area is 68.3 mi ² .	1938-67 1975-04	09-07-04	8.95	2,530	08-14-40	16.16	4,800
Tributary to Fairforest Creek at Spartanburg, SC (02159785)	Lat 34°57'10", long 81°57'57", Spartanburg County, at the S.C. Road S-42-485 crossing of a tributary to Fairforest Creek, 0.1 mi upstream from the mouth at Fairforest Creek. Drainage area is 0.52 mi ² .	1987-04	09-28-04	3.56	150	11-10-90 06-28-94	5.19	243
Fairforest Creek near Union, SC (02160000)	Lat 34°40'45", long 81°41'25", Union County, on State Highway 49, 0.3 mi downstream from Buffalo Creek, 4.3 mi southwest of Union. Drainage area is 183.0 mi ² .	1940-71 1973-04	09-08-04	6.45	4,800	10-09-76	9.43	11,700
Brushy Creek near Greenville, SC (02160325)	Lat 34°53'00", long 82°18'05", Greenville County, 0.7 mi south of Eastside High School, 0.5 mi southeast of St. Luke Church, 5.0 mi upstream from the mouth at Enoree, at the (J-180) crossing of Brushy Creek. Drainage area is 9.05 mi ² .	1985-04	A	B	(+)	08-27-95	14.10	(+)
Second Creek near Pomaria, SC (02160800)	Lat 34°20'06", long 81°30'11", Newberry County, on U.S. Highway 176, 5.5 mi upstream of Hellers Creek, and 7.2 mi northwest of Pomaria. Drainage area is 1.87 mi ² .	1977-04	A	B	(+)	08-26-95	8.43	1,090
Smith Branch at North Main Street, Columbia, SC (02162093)	Lat 34°01'38", long 81°02'31", Richland County, on left bank, 15 ft upstream from culvert opening at North Main Street in Columbia. Drainage area is 5.67 mi ² .	1976-04	06-27-04	11.91	2,180	06-11-95	11.69	2,120
Middle Saluda River near Cleveland, SC (02162350)	Lat 35°07'12", long 82°32'16", Greenville County, on right bank, downstream side of bridge at State Road 41, 3.9 mi north of Cleveland, and 5.0 mi east of Caesars Head. Drainage area is 21.0 mi ² .	1980-03 2004	A	B	(+)	06-11-86	11.21	5190
Brushy Creek at Greenville, SC (02164011)◆◆	Lat 34°49'25", long 82°24'26", Greenville County, on Grove Road (Road 20), 1.7 mi south of City Hall in Greenville, 3.9 mi upstream from mouth of the Reedy River. Drainage area is 2.82 mi ² .	1983-04	09-28-04	7.48	1,220	10-10-99	7.96	1,370
Dirty Creek Tributary near Laurens, SC (02165350)	Lat 34°29'44", long 82°05'15", Laurens County, on State Highway 252, 2.8 mi upstream of Dirty Creek and 4.1 mi west of Laurens. Drainage area is 1.21 mi ² .	1974-04	09-28-04	7.52	(+)	08-27-95	8.76	(+)

DISCHARGE AT PARTIAL-RECORD STATIONS
AND MISCELLANEOUS SITES

Station name and number	Location and drainage area	Period of record	Water year maximum			Period of record maximum		
			Date	Gage height (ft)	Discharge (ft ³ /s)	Date	Gage height (ft)	Discharge (ft ³ /s)
Sample Branch at Greenwood, SC (02166975)	Lat 34°12'56", long 82°09'20", Greenwood County, 1.9 mi north of the County Courthouse, 1.3 mi upstream from the mouth at Rocky Creek, U.S. 25/178 Bypass (and SR 72) crossing of Sample Branch Creek. Drainage area is 1.16 mi ² .	1985-04	09-28-04	9.83	(+)	09-28-04	9.83	(+)
Tributary to Crane Creek at Columbia, SC (02167020)	Lat 34°03'02", long 81°02'05", Richland County, on Carola Street (SR 876), 0.3 mi north of Columbia College, and 1.3 mi upstream from the mouth at Crane Creek. Drainage area is 0.28 mi ² .	1985-04	06-28-04	9.84	210	08-17-92	10.57	367
Camping Creek Tributary near Prosperity, SC (02167750)	Lat 34°12'35", long 81°30'08", Newberry County, on county road 437, 0.35 mi above Camping Creek, and 1.8 mi east of Prosperity. Drainage area is 0.52 mi ² .	1974-04	09-08-04	6.46	127	07-25-02	8.13	191
Rocky Branch at Columbia, SC (02169505)	Lat 33°59'41", long 81°01'26", Richland County on Pickens Street, 0.7 mi southeast of the State Capital, 2.0 mi upstream of the mouth of the Congaree River. Drainage area is 2.41 mi ² .	1984-04	06-28-04	8.52	(+)	07-24-97	9.06	(+)
Pen Branch at Columbia, SC (02169568)	Lat 34°00'46", long 80°58'56", Richland County, on the Brentwood Street crossing of Pen Branch, 0.6 mi southeast of the intersection of Forest Drive and Beltline Blvd., 1.3 mi upstream from the mouth at Lake Katherine. Drainage area is 2.26 mi ² .	1985-04	06-28-04	8.05	1,140	07-24-97	9.10	2,350
Lake Marion Tributary near Vance, SC (02169960)	Lat 33°27'26", long 80°26'32", Orangeburg County, on State Highway 6, 1.4 mi upstream from Lake Marion and 2.0 mi northeast of Vance. Drainage area is 2.12 mi ² .	1975-04	09-28-04	3.86	69	10-11-91	5.44	167
Cooper River Basin								
Canton Creek near Moncks Corner, SC (021720725)	Lat 33°10'55", long 80°10'27", Berkeley County, on county road 787, 9.5 mi southwest of Moncks Corner and 7.0 mi southwest of Lake Moultrie. Drainage area is 4.82 mi ² .	1991-04	09-28-04	4.91	77	07-25-97	10.26	(+)
Edisto River Basin								
McTier Creek near Monetta, SC (02172300)♦♦	Lat 33°45'12", long 81°36'07", Aiken County, on County Road 209, 1.1 mi upstream of Gully Creek, 4.6 mi upstream of mouth, and 6.7 mi south of Monetta, SC. Drainage area is 15.3 mi ² .	1995-97 2001-04	09-08-04	5.99	198	03-07-96	7.48	536
Dean Swamp Creek near Salley, SC (02172640)	Lat 33°35'21", long 81°21'57", Aiken County, on unnamed dirt road off County Road 27, 1.2 mi south of intersection of County Roads 14 and 270. Drainage area is 31.2 mi ² .	1980-87 1988-00 2003	A	B	(+)	10-23-90	6.21	229
Rocky Swamp near Neeses, SC (02172759)	Lat 33°30'38", long 81°11'22", Orangeburg County, on State Highway 4, 4.4 mi southwest of junction with U.S. Hwy 321 in Neeses. Drainage area is 4.66 mi ² .	1989-04	09-28-04 10-29-03	12.64 13.10*	334 192	09-28-04 12-05-91	12.64 13.29	334 214

DISCHARGE AT PARTIAL-RECORD STATIONS
AND MISCELLANEOUS SITES

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Station name and number	Location and drainage area	Period of record	Water year maximum			Period of record maximum		
			Date	Gage height (ft)	Discharge (ft ³ /s)	Date	Gage height (ft)	Discharge (ft ³ /s)
Hess Branch at Orangeburg, SC (02173491)	Lat 33°30'12", long 80°52'34", Orangeburg County, 1.36 mi northwest of City Hall, 0.66 mi upstream from the mouth at the North Fork Edisto River. Drainage area is 0.45 mi ² .	1986-04	09-28-04	8.03	(+)	09-28-04	8.03	(+)
Sunnyside Canal at Orangeburg, SC (02173495)	Lat 33°29'31", long 80°52'33", Orangeburg County, at the Riverside Street (SR 125) crossing of the Sunnyside Canal, 0.7 mi west of City Hall, 0.2 mi upstream of the mouth at North Fork Edisto River. Drainage area is 1.07 mi ² .	1985-04	09-28-04	5.83	1,050	01-07-95	7.38	2,980
Edisto River near Branchville, SC (02174000)	Lat 33°10'35", long 80°48'05", Orangeburg County, 400 ft downstream from bridge on U.S. Highway 21 and 5.2 mi south of Branchville. Drainage area is 1,720 mi ² .	1946-96 1997-04	02-21-04	8.14	4,530	09-03-64	11.44	14,600
Tributary to Rosemary Creek near Williston, SC (02175185)	Lat 33°19'30", long 81°27'46", Barnwell County, on State road 21, 5.7 mi south of Williston and 11.0 mi southwest of Blackville. Drainage area is 4.10 mi ² .	1991-04	02-26-04	4.05	(+)	07-28-00	4.77	(+)
Broad River Basin								
Tributary to Coosawhatchie River at Allendale, SC (02176380)	Lat 32°59'53", long 81°19'01", Allendale County, on State Road 129, crossing of a tributary to the Coosawhatchie River, 0.9 mi southwest of City Hall, 0.4 mi upstream of the mouth at Coosawhatchie. Drainage area is 2.06 mi ² .	1985-04	02-27-04	4.44	71.4	10-09-92	9.18	287
Cowpen Branch near Varnville, SC (021765113)	Lat 32°46'46", long 81°03'14", Hampton County, on State Road 278, 11.0 mi northeast of Estill and 4.6 mi south of Varnville. Drainage area is 5.39 mi ² .	1991-04	04-12-04	5.18	161	01-12-93	7.19	515
Savannah River Basin								
Little River near Walhalla, SC (02185200)	Lat 34°50'11", long 82°58'48", Oconee County, at downstream side of bridge on County Road 24, 0.5 mi downstream from Oconee Creek, 3.5 mi south of Salem, and 6.5 mi northeast of Walhalla. Drainage area is 72.0 mi ² .	1967-03 2004	09-08-04	8.99	7,340	06-04-67	12.29	12,800
Twelvemile Creek near Liberty, SC (02186000)	Lat 34°48'05", long 82°44'55", Pickens County, on State Highway 137, 0.8 mi downstream of Rices Creek and 3.4 miles west of Liberty. Drainage area is 106 mi ² .	1954-64 1989-01 2001-04	09-08-04	13.08	6,430	01-08-98	13.46	6,730
Broadway Creek near Anderson, SC (02187900)	Lat 34°30'09", long 82°35'00", Anderson County, on State Highway 48, 0.1 mi downstream from Cupboard Creek and 3.8 mi east of Anderson. Drainage area is 26.4 mi ² .	1975-04	09-26-04	13.37	2,100	08-27-95	15.81	2,720
Rocky River near Starr, SC (02187910)◆◆	Lat 34°22'59", long 82°34'39", Anderson County, on County Road 244, 0.3 mi from junction of SC 28, and 0.75 miles from junction of SC 413. Drainage area is 111 mi ² .	1989-01 2001-04	09-27-04	16.61	5,080	04-18-98	17.70	6,260

DISCHARGE AT PARTIAL-RECORD STATIONS
AND MISCELLANEOUS SITES

Station name and number	Location and drainage area	Period of record	Water year maximum			Period of record maximum		
			Date	Gage height (ft)	Discharge (ft ³ /s)	Date	Gage height (ft)	Discharge (ft ³ /s)
Little River near Mount Carmel, SC (02192500)	Lat 34°04'13", long 82°30'02", McCormick County, on downstream side of bridge, on State Road 40 (Island Ford Road), 2.9 mi upstream from Calhoun Creek, and 4.6 mi north of Mount Carmel. Drainage area is 217 mi ² .	1940-04	09-08-04	16.40	4,700	08-14-40	29.60	20,800
Calabash Branch near Troy, SC (02195555)	Lat 33°59'04", long 82°13'37", McCormick County, on Long Cane Road (Road 24), 6.5 mi northeast of McCormick, 4.3 mi east of Troy. Drainage area is 3.24 mi ² .	1990-04	09-28-04	3.43	(+)	06-27-94	8.57	(+)
Log Creek near Edgefield, SC (02195660)	Lat 33°48'03", long 81°52'39", Edgefield County, on State Highway 23, 3.3 mi east of Edgefield. Drainage area is 1.18 mi ² .	1966-72 1972-04	06-30-04	7.06	(+)	07-26-91	7.21	(+)
Cyper Creek near Sullivan Crossroads, SC (021957495)	Lat 33°54'05", long 82°07'13", Edgefield County, on Road 234, 1.4 mi southwest of Sullivan Crossroads. Drainage area is 1.83 mi ² .	1991-04	A	B	(+)	07-02-03	7.74	210
Little Horse Creek near Graniteville, SC (02196689)	Lat 33°33'49", long 81°52'27", Aiken County, on County Road 104, 1.0 miles upstream of Sudlow Lake. Drainage area is 26.6 mi ² .	1990-01 2004	10-29-03	3.11	184	10-12-90	6.48	593

+ Discharge not determined.

A Date unknown.

B Stage not determined.

* Probably effected by backwater from debris.

** At datum then in use.

◆◆ Currently operated as a daily discharge site.

DISCHARGE AT PARTIAL-RECORD STATIONS
AND MISCELLANEOUS SITES

Annual maximum stage at crest-stage partial-record stations during water year 2004 in South Atlantic Slope basins.

Station name and number	Location and drainage area	Period of Record	Water year maximum		Period of record maximum	
			Date	Gage height (ft)	Date	Gage height (ft)
Santee River Basin						
Saluda River near Columbia, SC (02168780)	Lat 34°02'30", long 81°09'42", Lexington County, on left Bank behind Mepco Plant, 2.9 mi downstream of Lake Murray Dam. Drainage area not determined.	1968-04	A	C	A	B
Saluda River near Columbia, SC (02168850)	Lat 34°01'49", long 81°08'26", Lexington County, on left bank near WVOC radio station, 5.1 mi downstream of Lake Murray Dam. Drainage area not determined.	1968-04	A	C	A	B
Saluda River near Columbia, SC (02168900)	Lat 34°01'33", long 81°07'41", Lexington County, on left bank just upstream of I-20 Bridge, 6.1 miles downstream of Lake Murray Dam. Drainage area not determined.	1968-04	A	C	A	B
Saluda River near Columbia, SC (2168980)	Lat 34°01'22", long 81°06'15", Lexington County, on right bank 400 ft upstream of I-26 bridge and 6.6 mi downstream of Lake Murray Dam. Drainage area not determined.	1968-04	A	C	A	B
Saluda River at Columbia, SC (02168985)	Lat 34°01'22", long 81°05'54", Richland County, on left bank 0.13 mi downstream of I-26 and 7 mi downstream of Lake Murray Dam. Drainage area not determined.	1968-04	A	C	A	B
Saluda River at Columbia, SC (02168995)	Lat 34°00'58", long 81°05'41", Richland County, on left Bank, 0.7 mi below I-26 and 7.3 mi downstream of Lake Murray Dam. Drainage area not determined.	1968-04	A	C	A	B
Santee River near Alvin, SC (02171660)	Lat 33°23'01", long 79°49'05", Berkeley County, 6.8 mi southeast of St Stephens, 9.5 mi northeast of Bonneau. Drainage area is indeterminate.	1997-04	09-15-04	21.36*	03-25-03	D27.08*
Santee River near Honey Hill, SC (02171730)	Lat 33°14'43", long 79°31'20", Berkeley County, on bridge pier at Waterhorn Unit, 1.7 mi downstream from Echaw Creek, 4.9 miles northeast of Honeyhill and at mile 25.0. Drainage area is indeterminate.	1973-76 1977-97 1997-04	09-15-04	10.60*	03-25-03	D12.27*

* Gage height referenced to NGVD 1929

A Date unknown

B Stage not determined.

C Peak stage did not reach above bottom of crest stage gage.

D Revised

PEE DEE RIVER BASIN

02131700 SPARROW SWAMP NEAR TIMMONSVILLE, SC

LOCATION.--Lat 34°07'22'', long 79°57'20'', Florence County, Hydrologic Unit 03040202, on U.S. Highway 76 bridge, 0.25 mi downstream from SCL Railraod trestle, and 1.1 mi southwest of Timmonsville, SC.

DRAINAGE AREA.--99.1 mi².

COOPERATION.--Town of Timmonsville.

DISCHARGE MEASUREMENT AND RATING RECORDS

PERIOD OF RECORD.--October 1965 to October 1973 (low-flow measurment only), March 2000 to current year.

GAGE.--Standard USGS staff gage. Elevation of gage is 115 ft above NGVD of 1929 (from topographic map).

RATING.--Rating Number 2, effective October 1, 2003 to February 18, 2004. Rating No. 3, effective February 19, 2004 to September 2004.

REMARKS.--Records fair. Measurement for current water year are as follows:

MEAS. DATE	GAGE-HEIGHT (feet)	DISCHARGE (cfs)
10/16/03	1.24	25.0
12/22/03	1.38	37.9
02/13/04	1.59	70.3
05/19/04	0.78	2.87
07/28/04	0.80	4.71
08/30/04	2.40	299
09/09/04	5.40	2,750

02132500 LITTLE PEE DEE RIVER NEAR DILLON, SC

LOCATION.--Lat 34°24'17'', long 79°20'25'', Dillon County, Hydrologic Unit 03040204, on U.S. Highway 9 bridge, 1.9 mi southwest of Dillon, 3.9 mi upstream from Maple Swamp, and at mile 88.3.

DRAINAGE AREA.--524 mi².

COOPERATION.--South Carolina Department of Highways and Public Transportation.

DISCHARGE MEASUREMENT AND RATING RECORDS

PERIOD OF RECORD.--March 1939 TO July 1967 (daily observer), July 1967 to September 1971 (operated as daily discharge), July 1989 to current year.

GAGE.--Standard USGS staff gage. Datum of gage is 75.14 ft above NGVD of 1929 (by South Carolina Department of Highways and Public Transportation).

RATING.--Rating Number 7, effective October 1, 2001 to current year.

REMARKS.--Records fair. Measurement for current water year are as follows:

MEAS. DATE	GAGE-HEIGHT (feet)	DISCHARGE (cfs)
04/21/04	7.47	504

PEE DEE RIVER BASIN

02148312 WATEREE RIVER AT UNION CAMP NEAR EASTOVER, SC

LOCATION.--Lat 33°53'34'', long 80°37'35'', Richland County, Hydrologic Unit 03050110, 3.0 mi upstream from SCE&G plant, and 4.0 mi east of Eastover, SC.

DRAINAGE AREA.--5,590 mi² (approximately).

COOPERATION.--South Carolina Electric and Gas.

DISCHARGE MEASUREMENT AND RATING RECORDS

PERIOD OF RECORD.--December 1983 to current year.

GAGE.--Standard USGS staff gage. Elevation of gage is 90 ft above NGVD of 1929 (from topographic map).

RATING.--Rating Number 4, effective May 31, 1995 to current year.

REMARKS.--Records good. Measurement for current water year are as follows:

MEAS. DATE	GAGE-HEIGHT (feet)	DISCHARGE (cfs)
10/16/03	87.72	2,740
12/22/03	93.56	6,490
02/23/04	94.54	6,800
06/23/04	85.40	1,730
09/23/04	96.50	9,710

02156301 LAWSONS FORK CREEK AT TREATMENT PLANT AT SPARTANBURG, SC

LOCATION.--Lat 34°56'38'', long 81°51'33'', Spartanburg County, Hydrologic Unit 03050107, on upstream side of footbridge, 40 ft downstream of effluent from Spartanburg Sewage Treatment Plant, 0.9 mi downstream from bridge on County Road 748, and 4.0 mi east of Spartanburg U.S. Post Office.

DRAINAGE AREA.--75.6 mi².

COOPERATION.--Spartanburg Sanitary Sewer District.

DISCHARGE MEASUREMENT AND RATING RECORDS

PERIOD OF RECORD.--October 1988 to September 1997 (operated as daily discharge), October 1997 to current year.

GAGE.--Standard USGS staff gage. Datum of gage is 625.1 ft above NGVD of 1929 (from levels by Spartanburg Water System).

RATING.--Rating Number 6, effective October 1, 2003.

REMARKS.--Records fair. Measurement for current water year are as follows:

MEAS. DATE	GAGE-HEIGHT (feet)	DISCHARGE (cfs)
01/05/04	3.46	80.8
04/09/04	3.29	75.6
07/19/04	3.22	76.3

SANTÉE RIVER BASIN

02159810 FAIRFOREST CREEK BELOW SPARTANBURG, SC

LOCATION.--Lat 34°54'19'', long 81°54'54'', Spartanburg County, Hydrologic Unit 03050107, on left bank at Spartanburg Sewage Treatment Plant, 0.5 mi downstream of State Highway 295, 0.7 mi south of Spartanburg, and 2.2 mi upstream of Beaverdam Creek.

DRAINAGE AREA.--23.6 mi².

COOPERATION.--Spartanburg Sanitary Sewer District.

DISCHARGE MEASUREMENT AND RATING RECORDS

PERIOD OF RECORD.--October 1989 to April 1998 (operated as daily discharge), April 1998 to current year.

GAGE.--Standard USGS staff gage. Datum of gage is 594.34 ft above NGVD of 1929 (from levels by Spartanburg Water System).

RATING.--Rating Number 4, effective October 1, 2001 to current year.

REMARKS.--Records fair. Measurement for current water year are as follows:

MEAS. DATE	GAGE-HEIGHT (feet)	DISCHARGE (cfs)
12/29/03	1.78	16.6
04/09/04	1.72	14.6
07/19/04	2.12	32.2

021677037 LITTLE SALUDA RIVER AT SALUDA, SC

LOCATION.--Lat 34°00'29'', long 81°88'30'', Saluda County, Hydrologic Unit 03050109, on downstream side of U.S. Highway 378 bridge, about 2 mi east of the town of Saluda, SC.

DRAINAGE AREA.--90.0 mi².

COOPERATION.--South Carolina Electric and Gas Company and the South Carolina Department of Natural Resources.

DISCHARGE MEASUREMENT AND RATING RECORDS

PERIOD OF RECORD.--May 1992 to September 2003 (operated as daily discharge), October 2003 to September 2004.

GAGE.--Stage recorder housed in a metal shelter, atop a 15-inch corrugated aluminum pipe. Outside reference is a standard USGS wire-weight gage attached to the downstream guardrail, two feet right of the gage. Elevation of gage is 370 ft above NGVD of 1929 (from topographic map).

RATING.--Rating Number 4, effective October 8, 1988 to current year. Discharge measurements are made above about 160 CFS (about 6.00 feet gage height) to define the upper end of the rating curve. The rating curve is not defined below 160 CFS due to backwater from beaver dams and other obstructions.

REMARKS.--Records poor. Measurement for current water year are as follows:

MEAS. DATE	GAGE-HEIGHT (feet)	DISCHARGE (cfs)
07/01/04	8.00	424

SANTEE RIVER BASIN

02171001 SANTEE RIVER TAILRACE NEAR PINEVILLE, SC

LOCATION.--Lat 33°26'58'', long 80°09'50'', Berkeley County, Hydrologic Unit 03050112, 300 feet below Wilson Dam, 2.8 mi upstream from Old Santee Canal, 5.4 mi upstream from Dead River, and 8.0 mi west of Pineville, SC.

DRAINAGE AREA.--14,700 mi² (approximately).

COOPERATION.--Public Service Authority.

DISCHARGE MEASUREMENT AND RATING RECORDS

PERIOD OF RECORD.--September 1966 to current year.

GAGE.--Standard USGS staff gage. Datum of gage is NGVD of 1929.

RATING.--Discharge measurements are made to quantify releases from Wilson Dam and are not used to define a rating curve.

REMARKS.--Records fair. Measurement for current water year are as follows:

MEAS. DATE	GAGE-HEIGHT (feet)	DISCHARGE (cfs)
11/25/03	27.00	738
02/20/04	26.98	659
07/01/04	26.90	710
09/22/04	27.35	869

EDISTO RIVER BASIN

617

02174048 EDISTO RIVER NEAR CANADYS, SC

LOCATION.--Lat 33°03'58'', long 80°37'23'', Colleton County, Hydrologic Unit 03050205, at South Carolina Electric and Gas Company power plant, and 1.0 mi north of Canadys.

DRAINAGE AREA.--1,850 mi² approximately.

COOPERATION.--South Carolina Electric and Gas Company and South Carolina Department of Natural Resources.

DISCHARGE MEASUREMENT AND RATING RECORDS

PERIOD OF RECORD.--October 1982 to current year.

GAGE.--Standard USGS staff gage. Datum of gage is 2.60 ft above NGVD of 1929 (from South Carolina Electric and Gas Company benchmark).

RATING.--Rating Number 3, effective October 1, 1998 to current year.

REMARKS.--Records fair. Measurements for current water year are as follows:

MEAS. DATE	GAGE-HEIGHT (feet)	DISCHARGE (cfs)
12/12/03	54.88	1,280
05/27/04	52.89	713
07/12/04	54.34	1,210

GROUND WATER RECORDS

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

AIKEN COUNTY

WELL NUMBER.--331940081443501. Local number, AK-430.

LOCATION.--Lat 33°19'40'', long 81°44'35'', Hydrologic Unit 03060106, at Savannah River Site near Aiken. Owner: U.S. Department of Energy.

AQUIFER.--Middendorf.

WELL CHARACTERISTICS.--Drilled observation well, diameter 18 in from surface to 318 ft, 8 in from 279 to 605 ft, depth 605 ft, cased to 605 ft, screened intervals 390-400, 455-465, 590-600 ft.

INSTRUMENTATION.--Data collection platform--60 minute collection interval.

DATUM.--Land-surface datum is 357 ft above sea level. Measuring point: Top of casing at land-surface datum.

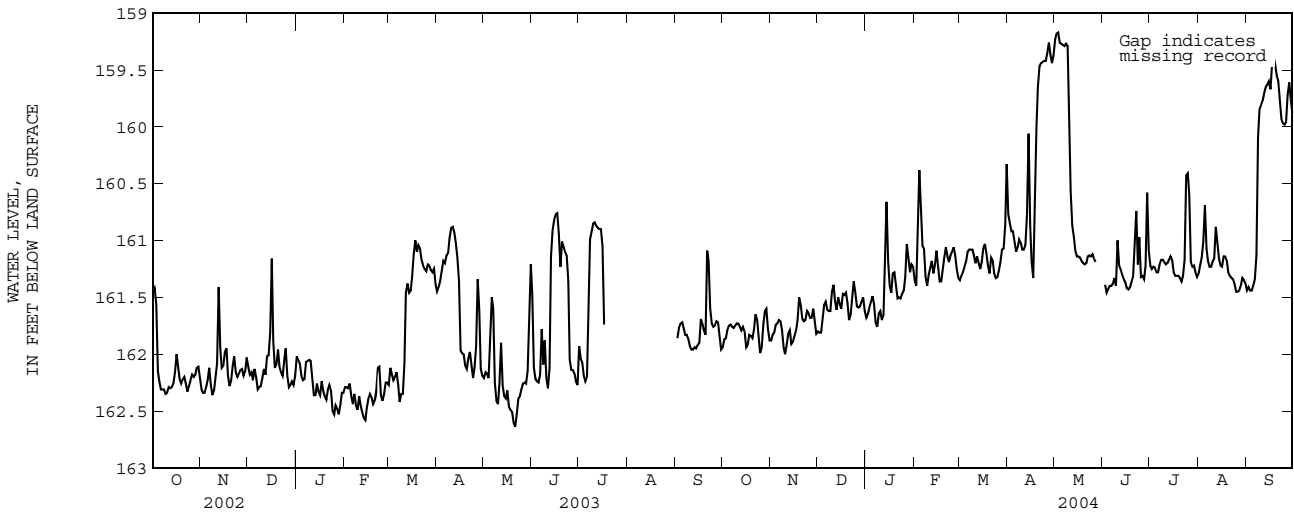
REMARKS.--Also known as SRP-4M. Electric log available in District files.

PERIOD OF RECORD.--May 1952 to November 1994, October 1995 to April 1996, February 1997 to current year. Prior to October 1970, maximum and minimum only. Prior to 1974, published as AK-2 or LA-4.

EXTREMES FOR PERIOD OF RECORD.--Highest daily water level, 144.77 ft below land-surface datum, Feb. 23, 1966; lowest water level, 162.65 ft below land-surface datum, May 21, 2003.

Depth to water level, feet below land surface
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	161.94	161.88	161.80	161.68	161.35	161.35	160.77	159.23	---	161.22	161.29	161.44
2	161.87	161.83	161.81	161.65	161.40	161.31	160.85	159.18	161.39	161.25	161.21	161.41
3	161.86	161.81	161.81	161.59	160.89	161.28	160.92	159.17	161.46	161.23	161.15	161.44
4	161.79	161.74	161.70	161.54	160.38	161.23	160.92	159.26	161.43	161.24	161.01	161.44
5	161.75	161.73	161.57	161.49	160.73	161.18	161.01	159.27	161.40	161.28	160.69	161.40
6	161.74	161.70	161.54	161.56	161.05	161.10	161.10	159.28	161.40	161.28	161.07	161.34
7	161.76	161.71	161.61	161.72	161.07	161.08	161.06	159.29	161.38	161.21	161.18	161.13
8	161.77	161.79	161.62	161.76	161.32	161.08	160.99	159.27	161.33	161.17	161.23	160.09
9	161.75	161.94	161.62	161.64	161.40	161.08	161.02	159.29	161.40	161.17	161.23	159.85
10	161.73	162.00	161.45	161.62	161.30	161.13	161.08	159.68	161.00	161.19	161.18	159.81
11	161.73	161.92	161.39	161.70	161.24	161.20	161.08	160.57	161.22	161.21	161.16	159.77
12	161.76	161.82	161.53	161.66	161.18	161.14	161.04	160.87	161.25	161.20	160.88	159.70
13	161.79	161.79	161.61	161.20	161.29	161.20	160.77	160.97	161.30	161.17	161.03	159.65
14	161.76	161.91	161.50	160.66	161.21	161.25	160.06	161.09	161.34	161.14	161.16	159.63
15	161.80	161.89	161.56	161.18	161.09	161.19	160.87	161.14	161.37	161.17	161.22	159.60
16	161.94	161.84	161.60	161.40	161.23	161.07	161.19	161.14	161.42	161.28	161.23	159.67
17	161.92	161.79	161.47	161.46	161.36	161.03	161.33	161.15	161.43	161.31	161.14	159.46
18	161.83	161.70	161.48	161.29	161.36	161.12	160.83	161.18	161.41	161.31	161.14	159.38
19	161.84	161.50	161.46	161.28	161.26	161.22	160.01	161.20	161.36	161.31	161.18	159.45
20	161.86	161.57	161.55	161.40	161.15	161.29	159.65	161.21	161.32	161.33	161.28	159.55
21	161.79	161.69	161.70	161.51	161.06	161.15	159.47	161.20	161.05	161.36	161.31	159.59
22	161.65	161.71	161.65	161.50	161.14	161.18	159.44	161.14	160.74	161.31	161.33	159.75
23	161.69	161.70	161.51	161.51	161.19	161.29	159.43	161.13	161.21	161.17	161.34	159.93
24	161.84	161.62	161.36	161.47	161.13	161.33	159.42	161.14	160.97	160.43	161.38	159.97
25	161.99	161.64	161.46	161.44	161.10	161.32	159.42	161.12	161.32	160.41	161.45	159.98
26	161.94	161.68	161.58	161.32	161.06	161.26	159.35	161.16	161.31	160.59	161.45	159.96
27	161.74	161.68	161.59	161.03	161.13	161.19	159.26	161.19	161.34	161.19	161.44	159.72
28	161.62	161.60	161.58	161.16	161.25	161.08	159.36	---	161.22	161.23	161.40	159.61
29	161.60	161.72	161.54	161.28	161.33	161.07	159.44	---	160.58	161.22	161.33	159.75
30	161.78	161.82	161.50	161.21	---	160.86	159.37	---	161.09	161.28	161.35	159.88
31	161.88	---	161.62	161.23	---	160.33	---	---	---	161.32	161.38	---
MEAN	161.80	161.76	161.57	161.42	161.16	161.15	160.35	---	---	161.17	161.22	160.11
MAX	161.99	162.00	161.81	161.76	161.40	161.35	161.33	---	---	161.36	161.45	161.44
MIN	161.60	161.50	161.36	160.66	160.38	160.33	159.26	---	---	160.41	160.69	159.38



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

ANDERSON COUNTY

WELL NUMBER.--343714082285600. Local number, AND-326.

LOCATION.--Lat 34°37'14'', long 82°28'56'', Hydrologic Unit 03060103, Williamston City water treatment plant at College and Minor Street, well 2. Owner: City of Williamston.

AQUIFER.--Biotite plagioclase-quartz gneiss of the Lower Cambrian Six Mile thrust sheet.

WELL CHARACTERISTICS.--Drilled observation well, diameter 8.25 in, depth 398 ft, cased to 75 ft, open hole from 75 to 398 ft.

INSTRUMENTATION.--Data Collection Platform--60 minute collection interval.

DATUM.--Land-surface datum is 785 ft above sea level. Measuring point: Top of casing at land-surface datum.

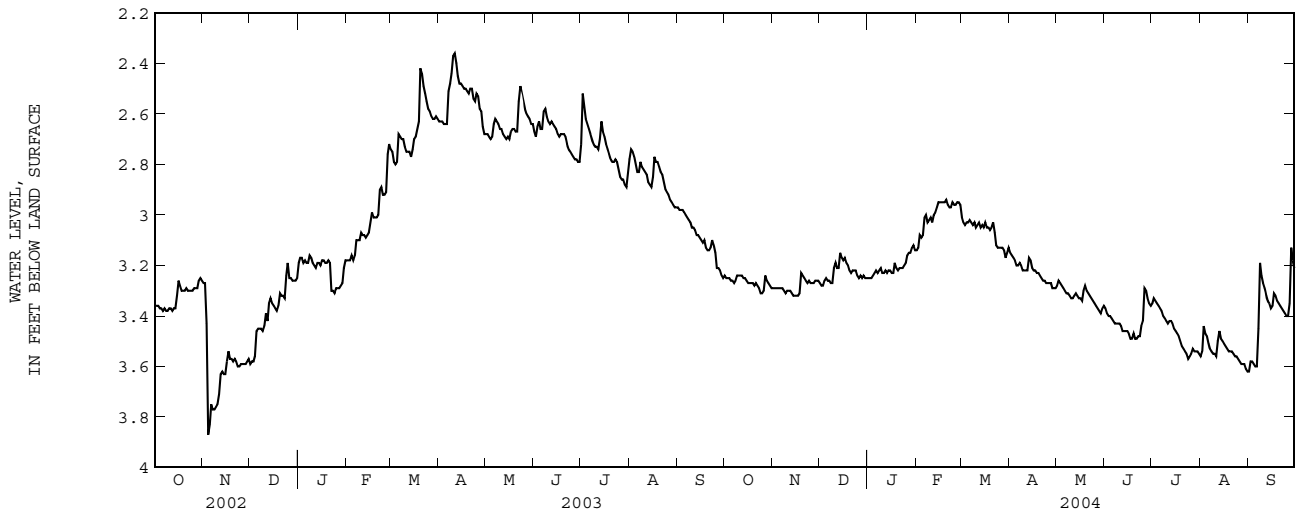
REMARKS.--Geophysical logs available in District files. Water level affected by nearby pumpage.

PERIOD OF RECORD.--October 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 1.86 ft below land-surface datum, Apr. 23, 1998; lowest water level, 5.98 ft below land-surface datum, June 25, 2002.

Depth to water level, feet below land surface
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.24	3.29	3.27	3.25	3.14	3.01	3.15	3.28	3.37	3.35	3.56	3.62
2	3.25	3.29	3.28	3.25	3.13	3.03	3.16	3.26	3.39	3.33	3.54	3.58
3	3.25	3.29	3.28	3.25	3.08	3.04	3.17	3.27	3.40	3.34	3.44	3.58
4	3.25	3.29	3.26	3.24	3.09	3.03	3.18	3.28	3.40	3.35	3.47	3.59
5	3.26	3.29	3.25	3.23	3.08	3.03	3.20	3.29	3.41	3.36	3.48	3.60
6	3.26	3.29	3.26	3.22	3.01	3.02	3.20	3.30	3.42	3.37	3.51	3.60
7	3.27	3.29	3.26	3.23	3.00	3.03	3.19	3.31	3.43	3.38	3.53	3.45
8	3.26	3.30	3.27	3.22	3.03	3.04	3.20	3.31	3.43	3.40	3.54	3.19
9	3.24	3.31	3.27	3.21	3.02	3.03	3.22	3.32	3.43	3.41	3.55	3.24
10	3.24	3.30	3.21	3.23	3.01	3.05	3.22	3.33	3.43	3.42	3.55	3.27
11	3.24	3.30	3.19	3.23	3.03	3.04	3.22	3.33	3.44	3.43	3.56	3.29
12	3.24	3.30	3.21	3.22	3.00	3.03	3.22	3.32	3.46	3.42	3.50	3.32
13	3.25	3.31	3.21	3.23	2.99	3.05	3.17	3.31	3.46	3.42	3.46	3.34
14	3.25	3.32	3.15	3.22	2.97	3.04	3.18	3.32	3.46	3.43	3.49	3.35
15	3.26	3.32	3.17	3.22	2.95	3.05	3.21	3.33	3.46	3.45	3.50	3.37
16	3.27	3.32	3.18	3.23	2.95	3.03	3.22	3.33	3.47	3.46	3.51	3.36
17	3.27	3.32	3.17	3.23	2.95	3.05	3.22	3.34	3.49	3.47	3.52	3.31
18	3.27	3.31	3.19	3.19	2.95	3.05	3.23	3.30	3.49	3.48	3.53	3.32
19	3.27	3.23	3.20	3.21	2.95	3.06	3.23	3.28	3.47	3.50	3.54	3.34
20	3.28	3.24	3.22	3.22	2.94	3.05	3.24	3.30	3.49	3.52	3.54	3.35
21	3.27	3.25	3.23	3.21	2.96	3.03	3.25	3.31	3.49	3.53	3.54	3.36
22	3.28	3.26	3.22	3.21	2.97	3.07	3.26	3.32	3.48	3.54	3.55	3.37
23	3.29	3.27	3.22	3.21	2.97	3.12	3.26	3.33	3.48	3.55	3.56	3.38
24	3.31	3.26	3.22	3.20	2.95	3.13	3.27	3.34	3.44	3.57	3.56	3.39
25	3.31	3.27	3.24	3.19	2.96	3.13	3.27	3.35	3.42	3.56	3.57	3.40
26	3.30	3.27	3.25	3.16	2.96	3.13	3.27	3.36	3.29	3.55	3.58	3.40
27	3.24	3.27	3.24	3.15	2.95	3.13	3.27	3.37	3.30	3.53	3.59	3.35
28	3.26	3.26	3.25	3.15	2.95	3.14	3.29	3.38	3.33	3.54	3.59	3.13
29	3.27	3.26	3.24	3.13	2.96	3.17	3.29	3.39	3.35	3.54	3.59	3.18
30	3.28	3.26	3.25	3.12	---	3.15	3.29	3.37	3.36	3.54	3.61	3.21
31	3.29	---	3.25	3.14	---	3.13	---	3.36	---	3.55	3.62	---
MEAN	3.27	3.28	3.23	3.21	3.00	3.07	3.23	3.32	3.42	3.46	3.54	3.37
MAX	3.31	3.32	3.28	3.25	3.14	3.17	3.29	3.39	3.49	3.57	3.62	3.62
MIN	3.24	3.23	3.15	3.12	2.94	3.01	3.15	3.26	3.29	3.33	3.44	3.13



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BEAUFORT COUNTY

WELL NUMBER.--321603080432202. Local number, BFT-1810.

LOCATION.--Lat 32°16'03'', long 80°43'22'', Hydrologic Unit 03050208, at Dolphin Head Recreation Park, on Hilton Head Plan-
tation on Hilton Head Island. Owner: South Carolina Department of Natural Resources.

AQUIFER.--Floridan Aquifer System.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 202 ft, cased to 105 ft, open hole from 105 to 202 ft.

INSTRUMENTATION.--Data collection platform--60 minute collection interval.

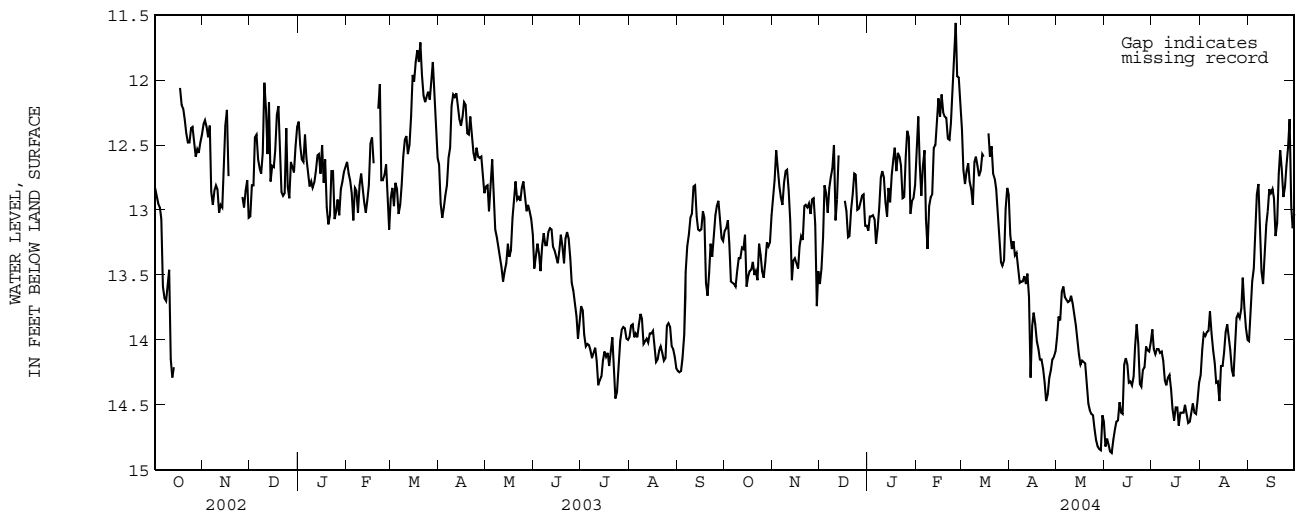
DATUM.--Land-surface datum is 14.0 ft above sea level. Measuring point: Opening in casing, 0.80 ft land-surface datum.

PERIOD OF RECORD.--September 1986 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 9.76 ft below land-surface datum, Feb. 7, 1993; lowest water level, 19.31
ft below land-surface datum, July 16, 1993.

Depth to water level, feet below land surface
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13.16	12.91	13.57	13.16	12.51	12.38	13.19	13.97	14.82	13.92	14.27	14.01
2	13.14	12.77	13.45	13.05	12.28	12.69	13.30	13.82	14.76	14.07	14.07	13.80
3	13.08	12.54	13.21	13.05	12.64	12.80	13.24	13.85	14.81	14.11	13.95	13.55
4	13.26	12.68	12.81	13.04	12.89	12.70	13.35	13.63	14.86	14.07	13.97	13.45
5	13.55	12.82	12.87	13.07	12.66	12.64	13.33	13.59	14.87	14.07	13.94	13.15
6	13.56	12.90	13.02	13.26	12.54	12.78	13.44	13.67	14.77	14.10	13.93	12.88
7	13.57	12.96	12.83	13.14	13.07	12.84	13.56	13.69	14.69	14.09	13.78	12.80
8	13.59	12.79	12.75	12.98	13.30	12.96	13.55	13.71	14.63	14.16	13.95	13.14
9	13.47	12.70	12.68	12.75	12.97	12.63	13.55	13.70	14.62	14.31	14.08	13.47
10	13.37	12.69	12.50	12.70	12.90	12.59	13.51	13.66	14.48	14.35	14.18	13.57
11	13.37	12.85	13.08	12.75	12.88	12.66	13.57	13.72	14.56	14.29	14.33	13.36
12	13.29	13.09	12.92	12.94	12.52	12.74	13.49	13.81	14.57	14.27	14.32	13.11
13	13.30	13.54	12.58	13.05	12.50	12.70	13.67	13.89	14.19	14.38	14.47	13.01
14	13.19	13.39	---	12.83	12.31	12.57	14.29	14.00	14.14	14.53	14.20	12.84
15	13.59	13.37	---	12.94	12.14	12.59	13.89	14.11	14.19	14.62	14.20	12.87
16	13.51	13.41	---	12.73	12.28	---	13.79	14.19	14.33	14.52	14.10	12.84
17	13.47	13.45	12.93	12.61	12.11	---	13.88	14.16	14.32	14.52	13.94	12.91
18	13.46	13.28	13.01	12.52	12.25	12.41	14.01	14.17	14.35	14.66	13.88	13.20
19	13.40	13.20	13.21	12.70	12.28	12.59	14.07	14.18	14.28	14.56	13.99	13.10
20	13.50	13.23	13.20	12.56	12.29	12.51	14.15	14.35	14.05	14.56	14.08	12.72
21	13.47	12.97	13.00	12.59	12.45	12.72	14.15	14.49	13.88	14.56	14.23	12.54
22	13.54	12.96	12.88	12.66	12.46	12.76	14.22	14.54	14.03	14.50	14.28	12.69
23	13.26	12.98	12.72	12.91	12.33	12.84	14.33	14.57	14.34	14.57	14.03	12.90
24	13.35	12.95	12.73	12.90	12.11	13.07	14.47	14.58	14.36	14.64	13.83	12.82
25	13.47	13.03	13.00	12.58	11.83	13.25	14.42	14.69	14.23	14.63	13.80	12.66
26	13.52	12.92	12.99	12.39	11.56	13.40	14.29	14.77	14.21	14.56	13.83	12.52
27	13.40	12.91	12.94	12.44	11.97	13.43	14.23	14.82	14.05	14.49	13.76	12.30
28	13.25	13.11	12.89	13.03	11.98	13.39	14.15	14.84	14.08	14.56	13.52	12.97
29	13.28	13.74	12.88	12.93	12.20	12.99	14.13	14.85	14.09	14.57	13.75	13.14
30	13.25	13.47	13.12	12.91	---	12.83	14.09	14.58	14.02	14.47	13.91	13.03
31	13.04	---	13.12	12.81	---	12.88	---	14.63	---	14.33	14.00	---
MEAN	13.38	13.05	---	12.84	12.42	---	13.84	14.17	14.39	14.39	14.02	13.04
MAX	13.59	13.74	---	13.26	13.30	---	14.47	14.85	14.87	14.66	14.47	14.01
MIN	13.04	12.54	---	12.39	11.56	---	13.19	13.59	13.88	13.92	13.52	12.30



BEAUFORT COUNTY--Continued

QUALITY OF GROUND WATER

WELL NUMBER.--321603080432202. Local number, BFT-1810.--Continued

PERIOD OF RECORD.--Water years 1987 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE AT 170 FEET: February 1987 to September 2004 (discontinued).

SPECIFIC CONDUCTANCE AT 190 FEET: February 1987 to September 2004 (discontinued).

SPECIFIC CONDUCTANCE AT 200 FEET: February 1987 to current year

INSTRUMENTATION.--Water-quality multiprobe and data collection platform.

REMARKS.--Specific conductance records rated excellent except for Oct. 1-10, Nov. 18 to Dec. 16, which are good. Specific conductance at 200 ft is measured from top of casing.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE AT 170 FEET: Maximum, 920 microsiemens, Apr. 14, 1988; minimum, 330 microsiemens, Aug. 9, 1990.

SPECIFIC CONDUCTANCE AT 190 FEET: Maximum, 5,720 microsiemens, June 25, 1994; minimum, 440 microsiemens, Dec. 11, 1987.

SPECIFIC CONDUCTANCE AT 200 FEET: Maximum, 14,700 microsiemens, Dec. 11, 2001; minimum, 1,590 microsiemens, Feb. 27, 1987.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE AT 200 FEET: Maximum, 14,600 microsiemens, many days in August and September; minimum, 13,000 microsiemens, several days in November and December.

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	13700	13400	13600	13600	13300	13400	13400	13100	13200	13400	13200	13300
2	13700	13400	13600	13500	13300	13400	13300	13100	13200	13400	13200	13300
3	13700	13400	13600	13500	13300	13400	13300	13100	13200	13400	13200	13300
4	13700	13400	13600	13600	13200	13400	13300	13100	13200	13500	13200	13300
5	13700	13400	13600	13500	13200	13400	13300	13000	13200	13500	13200	13300
6	13700	13400	13600	13500	13200	13400	13300	13100	13200	13500	13200	13300
7	13800	13400	13600	13500	13200	13400	13300	13000	13200	13500	13200	13300
8	13800	13400	13600	13500	13200	13300	13300	13000	13200	13500	13200	13300
9	13800	13400	13600	13500	13200	13300	13300	13000	13100	13500	13200	13300
10	13800	13400	13700	13500	13200	13300	13300	13000	13200	13500	13200	13300
11	13900	13600	13700	13500	13200	13300	13300	13000	13200	13500	13200	13300
12	13900	13600	13700	13500	13200	13300	13300	13000	13100	13500	13200	13400
13	13900	13600	13700	13500	13200	13300	13300	13000	13100	13500	13200	13400
14	13800	13500	13700	13500	13200	13300	---	---	---	13500	13200	13400
15	13900	13600	13700	13400	13200	13300	---	---	---	13500	13200	13400
16	13800	13500	13700	13400	13200	13300	13400	13000	13200	13500	13200	13400
17	13800	13500	13700	13400	13200	13300	13400	13200	13300	13500	13200	13400
18	13800	13500	13700	13400	13200	13300	13400	13200	13300	13500	13200	13400
19	13800	13500	13700	13500	13200	13300	13500	13100	13300	13600	13200	13400
20	13800	13500	13600	13500	13100	13300	13500	13100	13300	13600	13200	13400
21	13800	13500	13600	13500	13100	13300	13500	13100	13300	13600	13200	13400
22	13800	13400	13600	13500	13100	13300	13500	13100	13300	13600	13200	13400
23	13800	13400	13600	13400	13000	13200	13500	13100	13300	13600	13200	13400
24	13800	13400	13600	13400	13000	13200	13500	13100	13300	13600	13300	13400
25	13800	13400	13600	13400	13000	13200	13500	13100	13300	13600	13300	13400
26	13800	13400	13600	13400	13000	13200	13500	13100	13300	13600	13300	13400
27	13700	13300	13500	13400	13000	13200	13500	13100	13300	13600	13300	13400
28	13700	13300	13500	13400	13000	13200	13400	13100	13300	13600	13300	13500
29	13700	13300	13500	13400	13100	13200	13400	13200	13300	13600	13300	13500
30	13600	13300	13400	13400	13100	13200	13400	13200	13300	13600	13400	13500
31	13600	13300	13400	---	---	---	13400	13200	13300	13600	13400	13500
MONTH	13900	13300	13600	13600	13000	13300	---	---	---	13600	13200	13400

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BEAUFORT COUNTY--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	13600	13400	13500	13900	13700	13800	14100	13900	14000	14200	13900	14000
2	13700	13400	13500	14000	13700	13800	14100	13800	14000	14200	13900	14000
3	13700	13400	13500	14000	13700	13800	14100	13800	14000	14200	13900	14000
4	13700	13400	13500	14000	13700	13900	14100	13800	14000	14200	13800	14000
5	13700	13400	13500	14000	13700	13800	14200	13800	14000	14200	13800	14000
6	13700	13400	13500	14000	13700	13900	14200	13800	14000	14200	13800	14000
7	13700	13400	13600	14000	13700	13900	14200	13800	14000	14200	13900	14000
8	13700	13400	13500	14100	13700	13900	14200	13800	14000	14200	13900	14000
9	13700	13400	13600	14100	13700	13900	14200	13800	14000	14200	13900	14000
10	13700	13400	13600	14100	13700	13900	14100	13800	14000	14200	13900	14000
11	13700	13400	13600	14100	13700	13900	14100	13800	14000	14200	13900	14100
12	13700	13400	13600	14100	13800	13900	14100	13800	14000	14200	13900	14100
13	13700	13400	13600	14100	13800	13900	14100	13800	14000	14200	13900	14100
14	13700	13400	13600	14100	13800	13900	14100	13900	14000	14200	13900	14100
15	13700	13400	13600	14100	13800	13900	14200	13800	14000	14200	13900	14100
16	13700	13400	13600	14100	13600	13900	14200	13800	14000	14200	13900	14100
17	13800	13400	13600	14100	13700	13900	14200	13800	14000	14200	13900	14100
18	13800	13400	13600	14100	13800	13900	14200	13800	14000	14200	13900	14100
19	13800	13400	13600	14100	13800	14000	14200	13800	14000	14200	13900	14100
20	13800	13400	13600	14100	13800	14000	14200	13800	14000	14200	13900	14100
21	13800	13400	13600	14100	13800	14000	14200	13900	14000	14200	13900	14100
22	13800	13500	13600	14100	13800	13900	14200	13900	14000	14200	14000	14100
23	13800	13500	13600	14100	13800	13900	14100	13900	14000	14200	14000	14100
24	13800	13500	13600	14100	13800	14000	14100	13900	14000	14200	14000	14100
25	13800	13500	13700	14100	13800	14000	14100	13900	14000	14200	14000	14100
26	13800	13500	13700	14100	13800	14000	14100	13900	14000	14200	14000	14100
27	13800	13600	13700	14100	13900	14000	14100	13900	14000	14200	14000	14100
28	13900	13600	13700	14100	13900	14000	14100	13900	14000	14200	14000	14100
29	13900	13700	13800	14000	13900	14000	14100	13900	14000	14200	14000	14100
30	---	---	---	14100	13900	14000	14200	13900	14000	14300	14000	14100
31	---	---	---	14100	13900	14000	---	---	---	14300	13900	14100
MONTH	13900	13400	13600	14100	13600	13900	14200	13800	14000	14300	13800	14100

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	14300	13900	14100	14400	14000	14200	14600	14100	14300	14600	14200	14400
2	14300	13900	14100	14400	14000	14200	14600	14100	14400	14600	14200	14400
3	14300	13900	14100	14500	14000	14200	14600	14200	14400	14600	14200	14400
4	14300	13900	14100	14500	14000	14200	14600	14200	14400	14600	14300	14400
5	14300	13900	14100	14500	14000	14200	14500	14200	14400	14500	14300	14400
6	14300	13900	14100	14400	14100	14300	14500	14200	14300	14500	14300	14400
7	14300	14000	14100	14400	14100	14200	14500	14200	14300	14500	14300	14400
8	14300	14000	14100	14400	14100	14200	14500	14200	14400	14500	14300	14400
9	14300	14000	14100	14400	14100	14200	14500	14200	14400	14600	14300	14400
10	14300	14000	14100	14400	14100	14200	14500	14200	14400	14600	14300	14400
11	14300	14000	14100	14400	14100	14200	14500	14200	14400	14600	14300	14400
12	14300	14000	14100	14400	14100	14300	14500	14200	14400	14600	14200	14400
13	14300	14000	14100	14400	14100	14300	14500	14200	14400	14600	14200	14400
14	14300	14000	14100	14400	14100	14300	14500	14200	14300	14600	14200	14400
15	14300	14000	14100	14400	14100	14300	14500	14200	14400	14600	14200	14400
16	14300	14000	14200	14400	14100	14300	14500	14200	14300	14600	14200	14400
17	14300	14000	14200	14400	14100	14300	14500	14200	14300	14600	14300	14400
18	14300	14000	14200	14400	14100	14300	14500	14200	14300	14600	14300	14400
19	14300	14000	14200	14400	14100	14300	14500	14200	14400	14600	14300	14400
20	14300	14000	14200	14400	14100	14300	14500	14200	14400	14600	14300	14400
21	14300	14000	14200	14400	14100	14300	14500	14200	14400	14600	14300	14400
22	14300	14000	14200	14400	14100	14300	14500	14200	14400	14600	14300	14400
23	14300	14100	14200	14400	14200	14300	14500	14200	14400	14600	14300	14400
24	14300	14100	14200	14400	14200	14300	14500	14200	14400	14600	14300	14400
25	14300	14100	14200	14400	14100	14300	14500	14200	14400	14600	14300	14400
26	14400	14100	14200	14400	14100	14300	14500	14200	14400	14600	14200	14400
27	14400	14100	14200	14500	14100	14300	14600	14200	14400	14600	14200	14400
28	14400	14000	14200	14500	14100	14300	14600	14200	14400	14600	14300	14400
29	14400	14000	14200	14500	14100	14300	14600	14200	14400	14600	14300	14400
30	14400	14000	14200	14500	14100	14300	14600	14200	14400	14600	14200	14400
31	---	---	---	14500	14100	14300	14600	14200	14400	---	---	---
MONTH	14400	13900	14200	14500	14000	14300	14600	14100	14400	14600	14200	14400

BERKELEY COUNTY

WELL NUMBER.--331022080021801. Local number, BRK-431.

LOCATION.--Lat 33°10'22'', long 80°02'17'', Hydrologic Unit 03050201, Near Moncks Corner, S C. in Conifer Hall Subdivision at the end of Resinwood Dr, approximately 100 yds from Hwy 17A. Owner: Berkeley County Water and Sewer Authority.

AQUIFER.--Middendorf Formation.

WELL CHARACTERISTICS.--Drilled observation test well, diameter 5 inches from the surface to 1419 ft, 3 inches from 1419 to 1704 ft, depth 1704 ft, screened intervals 1602 to 1607 ft.

INSTRUMENTATION.--Data collection platform--60 minute collection interval.

DATUM.--Land-surface datum is 67 ft above sea level. Measuring point: Top of casing, 1.58 (revised) ft above land-surface datum.

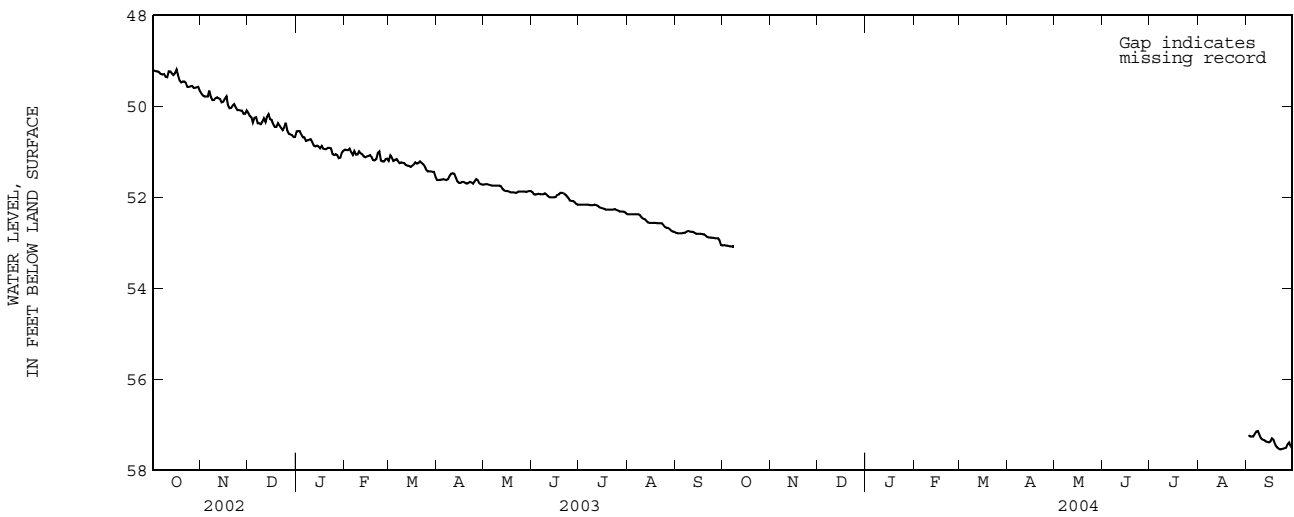
REMARKS.--Flowing well in 1982. Geophysical logs available in U.S. Geological Survey District files.

PERIOD OF RECORDS.--October 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 1.18 ft below land-surface datum, Oct. 4, 1989; lowest water level, 57.56 ft below land-surface datum, Sep. 22, 23, 2004.

Depth to water level, feet below land surface
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	53.06	---	---	---	---	---	---	---	---	---	---	---
2	53.05	---	---	---	---	---	---	---	---	---	---	57.23
3	53.06	---	---	---	---	---	---	---	---	---	---	57.26
4	53.06	---	---	---	---	---	---	---	---	---	---	57.26
5	53.07	---	---	---	---	---	---	---	---	---	---	57.26
6	53.08	---	---	---	---	---	---	---	---	---	---	57.20
7	53.08	---	---	---	---	---	---	---	---	---	---	57.15
8	53.08	---	---	---	---	---	---	---	---	---	---	57.14
9	---	---	---	---	---	---	---	---	---	---	---	57.22
10	---	---	---	---	---	---	---	---	---	---	---	57.30
11	---	---	---	---	---	---	---	---	---	---	---	57.33
12	---	---	---	---	---	---	---	---	---	---	---	57.34
13	---	---	---	---	---	---	---	---	---	---	---	57.37
14	---	---	---	---	---	---	---	---	---	---	---	57.38
15	---	---	---	---	---	---	---	---	---	---	---	57.39
16	---	---	---	---	---	---	---	---	---	---	---	57.37
17	---	---	---	---	---	---	---	---	---	---	---	57.30
18	---	---	---	---	---	---	---	---	---	---	---	57.33
19	---	---	---	---	---	---	---	---	---	---	---	57.43
20	---	---	---	---	---	---	---	---	---	---	---	57.49
21	---	---	---	---	---	---	---	---	---	---	---	57.52
22	---	---	---	---	---	---	---	---	---	---	---	57.54
23	---	---	---	---	---	---	---	---	---	---	---	57.54
24	---	---	---	---	---	---	---	---	---	---	---	57.53
25	---	---	---	---	---	---	---	---	---	---	---	57.52
26	---	---	---	---	---	---	---	---	---	---	---	57.51
27	---	---	---	---	---	---	---	---	---	---	---	57.43
28	---	---	---	---	---	---	---	---	---	---	---	57.39
29	---	---	---	---	---	---	---	---	---	---	---	57.47
30	---	---	---	---	---	---	---	---	---	---	---	57.53
31	---	---	---	---	---	---	---	---	---	---	---	---
MEAN	---	---	---	---	---	---	---	---	---	---	---	---
MAX	---	---	---	---	---	---	---	---	---	---	---	---
MIN	---	---	---	---	---	---	---	---	---	---	---	---



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

CHARLESTON COUNTY

WELL NUMBER.--324729079472001. Local number, CHN-14.

LOCATION.--Lat 32°47'29'', long 79°55'43'', Hydrologic Unit 03050202, Charleston, S C, 100 ft west of Concord St. and 50 ft south of Charlotte St. Owner: City of Charleston, SC.

AQUIFER.--Middendorf Formation.

WELL CHARACTERISTICS.--Drilled production well, diameter 6 inches, cased to 1887 ft, total depth 2007 ft, cased to 1887 ft, open hole from 1887 to 2007 ft.

INSTRUMENTATION.--Data collection platform--60 minute collection interval.

DATUM.--Land-surface datum is 7.5 ft above sea level. Measuring point: Top of casing, 2.00 ft above land-surface datum.

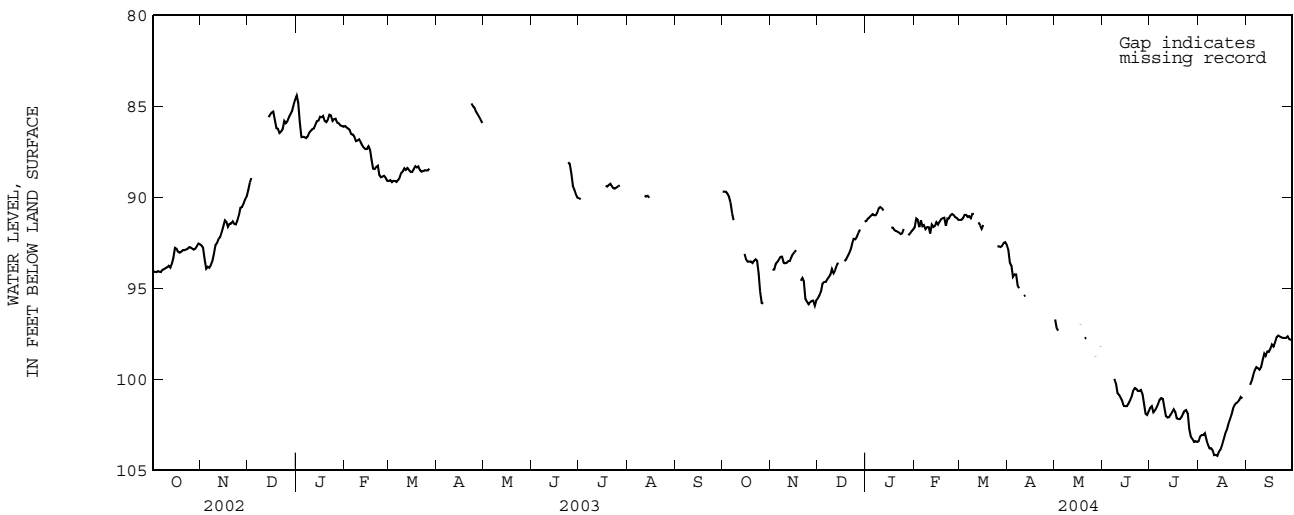
REMARKS.--Geophysical logs available in District files. Well logged to 1866 ft Jan 1990.

PERIOD OF RECORDS.--April 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 1.16 ft below land-surface datum, May 21, 30, 1991; lowest water level 104.90 ft below land-surface datum, Aug. 13, 2004.

Depth to water level, feet below land surface
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	89.68	---	95.56	91.30	91.65	91.24	92.86	96.72	---	101.56	103.41	---
2	89.69	94.00	95.39	91.17	91.17	91.24	93.59	97.17	---	101.48	103.14	---
3	89.69	93.97	95.16	91.11	91.24	91.16	93.76	97.33	---	101.82	103.06	100.31
4	89.78	93.65	94.74	91.01	91.63	90.96	94.37	---	---	101.71	103.07	100.08
5	89.95	93.55	94.65	90.92	91.26	90.96	94.24	---	---	101.56	102.97	99.78
6	90.29	93.43	94.65	90.98	91.59	91.08	94.24	---	---	101.38	103.33	99.51
7	90.88	93.27	94.50	90.98	91.53	91.03	94.87	---	---	101.13	103.59	99.34
8	91.25	93.26	94.39	90.85	91.75	91.15	94.99	---	99.98	101.04	103.80	99.39
9	---	93.59	94.25	90.60	91.63	90.91	---	---	100.24	101.08	103.80	99.47
10	---	93.63	93.94	90.53	91.64	90.90	---	---	100.77	101.52	103.92	99.33
11	---	93.60	94.17	90.60	91.98	---	95.43	---	100.86	102.02	104.17	98.94
12	---	93.51	94.03	90.73	91.50	---	95.38	---	101.01	102.10	104.16	98.59
13	---	93.50	93.77	---	91.62	91.38	---	---	101.18	102.08	104.21	98.72
14	---	93.30	93.59	---	91.56	91.54	---	---	101.47	101.95	103.98	98.48
15	93.11	93.12	---	---	91.37	91.73	---	---	101.48	101.81	103.87	98.49
16	93.42	93.02	---	---	91.50	91.52	---	---	101.48	101.65	103.64	98.32
17	93.53	92.91	---	91.65	91.33	---	---	96.98	101.35	101.80	103.33	98.09
18	93.53	---	93.51	91.67	91.19	---	---	---	101.18	102.15	103.00	98.20
19	93.52	---	93.43	91.79	91.15	---	---	---	100.96	102.19	102.78	97.97
20	93.61	94.59	93.27	91.85	91.12	---	---	97.76	100.65	102.19	102.49	97.68
21	93.50	94.43	93.09	91.89	91.56	---	---	97.72	100.49	102.08	102.23	97.60
22	93.41	94.60	92.87	91.93	91.17	---	---	---	100.53	101.91	101.97	97.65
23	93.49	95.59	92.53	92.02	91.16	---	---	---	100.65	101.74	101.61	97.70
24	94.20	95.73	92.28	91.98	90.99	---	---	---	100.64	101.70	101.43	97.73
25	95.19	95.88	92.31	91.74	90.92	92.69	---	---	100.59	101.88	101.32	97.73
26	95.81	95.78	92.16	---	90.97	92.70	---	---	100.81	102.73	101.26	97.73
27	95.83	95.70	91.95	---	91.09	92.73	---	98.76	101.35	103.16	101.15	97.64
28	---	95.68	91.77	92.08	91.13	92.67	---	---	101.90	103.29	100.98	97.80
29	---	95.95	---	91.98	91.24	92.51	---	---	101.97	103.45	101.06	97.83
30	---	95.67	---	91.87	---	92.47	---	98.21	101.76	103.41	---	97.84
31	---	---	91.34	91.77	---	92.59	---	---	---	103.45	---	---
MEAN	---	---	---	---	91.37	---	---	---	---	102.03	---	---
MAX	---	---	---	---	91.98	---	---	---	---	103.45	---	---
MIN	---	---	---	---	90.92	---	---	---	---	101.04	---	---



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

CHARLESTON COUNTY--Continued

WELL NUMBER.--330247079340300. Local number, CHN-101.

LOCATION.--Lat 33°02'47'', long 79°34'03'', Hydrologic Unit 03050202, Buckhall Campground, 300 ft southeast of State Highway 913 and U.S. Highway junction, 200 ft south of U.S. 17, near McClellanville. Owner: U.S. Forest Service.

AQUIFER.--Santee Limestone.

WELL CHARACTERISTICS.--Drilled observation, diameter 4 in, depth 91 ft, cased to 82 ft. Open hole from 82 to 91 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute collection interval.

DATUM.--Land-surface datum is 22 ft above sea level. Measuring point: Top of casing, 0.40 ft above land-surface datum.

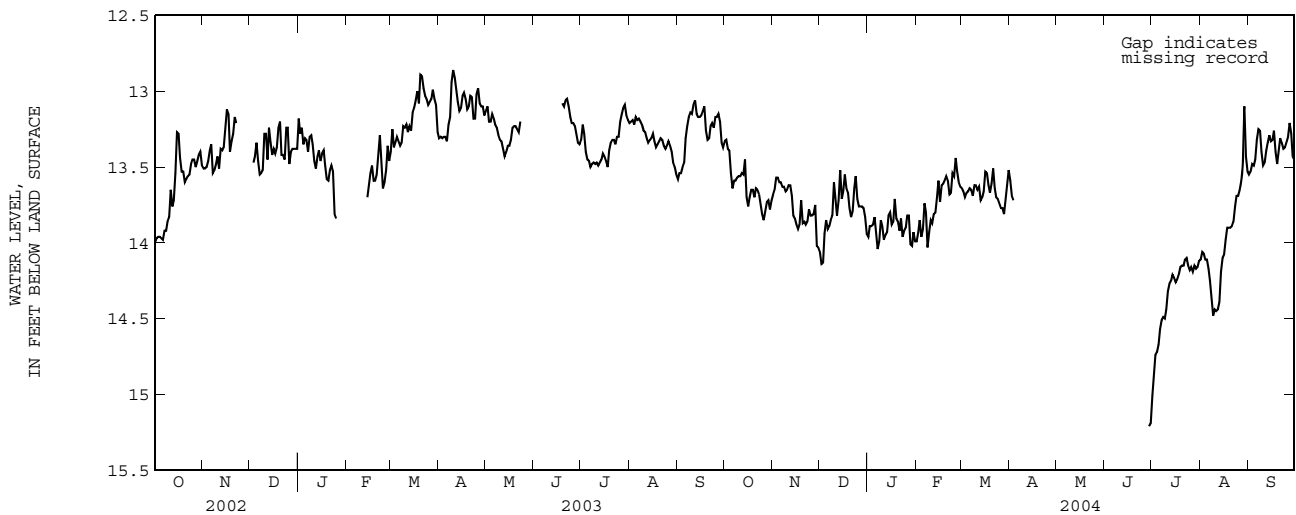
REMARKS.--Water-quality data available in District files. Gamma logged Feb. 15, 1980 to 91 ft. Gamma logged Dec. 18, 1979 to 90 ft.

PERIOD OF RECORD.--February 1980 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 12.11 ft below land-surface datum, Feb. 4, 1998; lowest daily water level, 18.97 ft below land-surface datum, June 13, 1985.

Depth to water level, feet below land surface
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13.33	13.68	14.06	13.96	13.99	13.64	13.59	---	---	15.01	14.11	13.55
2	13.32	13.65	14.14	13.89	13.93	13.66	13.69	---	---	14.89	14.06	13.53
3	13.38	13.57	14.13	13.89	13.85	13.70	13.72	---	---	14.74	14.07	13.48
4	13.39	13.57	13.94	13.88	13.96	13.67	---	---	---	14.72	14.11	13.49
5	13.54	13.60	13.85	13.83	13.91	13.66	---	---	---	14.67	14.11	13.45
6	13.64	13.60	13.91	13.93	13.74	13.64	---	---	---	14.57	14.17	13.32
7	13.59	13.63	13.89	14.04	13.80	13.65	---	---	---	14.51	14.25	13.25
8	13.59	13.63	13.85	13.99	14.03	13.69	---	---	---	14.49	14.36	13.26
9	13.57	13.66	13.82	13.85	13.93	13.62	---	---	---	14.50	14.48	13.40
10	13.56	13.65	13.60	13.89	13.85	13.62	---	---	---	14.44	14.44	13.49
11	13.56	13.62	13.71	13.98	13.87	13.65	---	---	---	14.32	14.45	13.47
12	13.54	13.62	13.82	13.95	13.81	13.63	---	---	---	14.27	14.44	13.39
13	13.55	13.69	13.72	13.93	13.80	13.72	---	---	---	14.25	14.39	13.34
14	13.45	13.82	13.52	13.82	13.70	13.70	---	---	---	14.21	14.19	13.29
15	13.70	13.84	13.71	13.80	13.59	13.66	---	---	---	14.23	14.10	13.33
16	13.76	13.88	13.66	13.88	13.73	13.53	---	---	---	14.26	14.08	13.32
17	13.70	13.91	13.55	13.86	13.62	13.54	---	---	---	14.24	13.98	13.26
18	13.65	13.88	13.64	13.71	13.61	13.62	---	---	---	14.21	13.90	13.40
19	13.65	13.72	13.67	13.84	13.59	13.67	---	---	---	14.16	13.90	13.48
20	13.70	13.87	13.77	13.86	13.56	13.61	---	---	---	14.15	13.90	13.39
21	13.64	13.86	13.83	13.92	13.59	13.51	---	---	---	14.15	13.89	13.31
22	13.65	13.88	13.79	13.84	13.68	13.64	---	---	---	14.11	13.86	13.34
23	13.68	13.86	13.64	13.96	13.67	13.70	---	---	---	14.10	13.76	13.38
24	13.75	13.78	13.56	13.92	13.54	13.71	---	---	---	14.15	13.69	13.37
25	13.81	13.82	13.71	13.90	13.56	13.74	---	---	---	14.18	13.69	13.34
26	13.85	13.82	13.76	13.82	13.44	13.77	---	---	---	14.16	13.65	13.30
27	13.79	13.81	13.76	13.82	13.53	13.77	---	---	---	14.19	13.59	13.21
28	13.73	13.75	13.76	14.01	13.60	13.81	---	---	---	14.15	13.49	13.28
29	13.72	14.02	13.77	14.02	13.63	13.71	---	---	15.21	14.17	13.10	13.43
30	13.78	14.03	13.83	13.93	---	13.61	---	---	15.19	14.16	13.43	13.45
31	13.72	---	13.94	13.99	---	13.52	---	---	---	14.12	13.53	---
MEAN	13.62	13.76	13.78	13.90	13.73	13.66	---	---	---	14.34	13.97	13.38
MAX	13.85	14.03	14.14	14.04	14.03	13.81	---	---	---	15.01	14.48	13.55
MIN	13.32	13.57	13.52	13.71	13.44	13.51	---	---	---	14.10	13.10	13.21



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

CHEROKEE COUNTY

WELL NUMBER.--350918081263408. Local number, CRK-74.

LOCATION.--Lat 35°09'18'', long 81°26'34'', Hydrologic Unit 03050105, Blacksburg, 244 Wendy Drive, right of driveway. Owner: Paul Clayton.

AQUIFER.--Sericite Schist/Late Proterozoic Blacksburg Formation of the Kings Mountain Belt.

WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 6 in, depth 265 ft, cased to 99 ft, open hole from 99 to 265 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute collection interval.

DATUM.--Land-surface datum is 825 ft above sea level. Measuring point: Top of casing, 1.30 ft above land-surface datum.

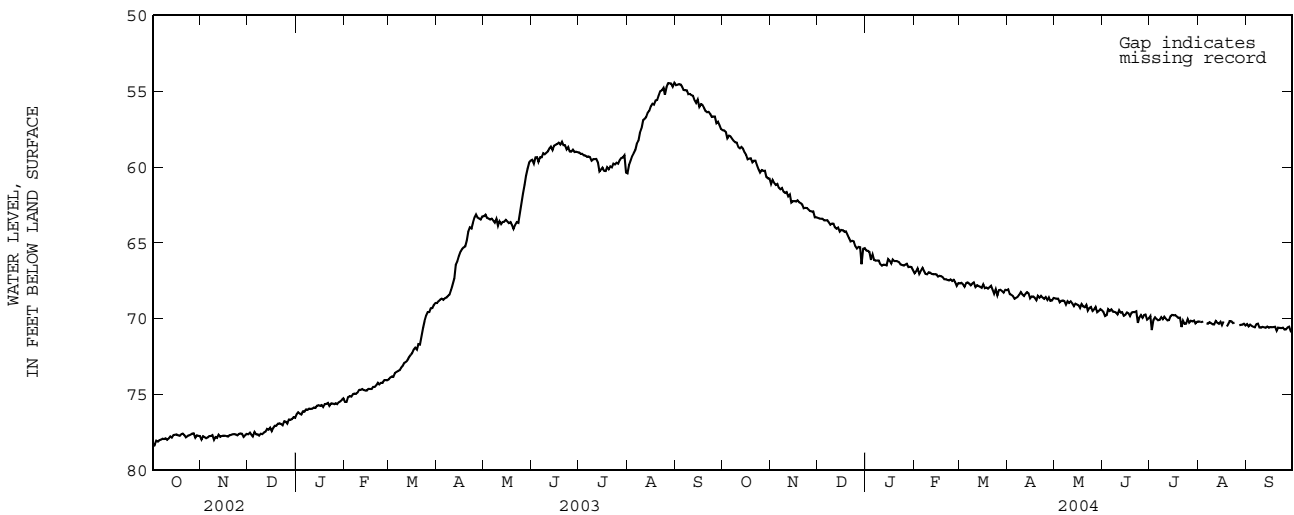
REMARKS.--Geophysical logs available in District files. Water levels are affected by nearby pumpage.

PERIOD OF RECORD.--March 1998 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 54.14 ft below land-surface datum, Aug. 29, 2003; lowest water level, 79.39 ft below land-surface datum, Nov. 1, 2002.

Depth to water level, feet below land surface
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	57.57	61.13	63.36	65.51	67.01	67.68	68.07	68.67	69.55	69.83	70.19	70.37
2	57.58	60.86	63.40	65.52	66.88	67.64	68.39	68.69	69.83	70.76	70.21	70.51
3	57.69	61.04	63.41	65.59	66.69	67.74	68.44	68.68	69.77	70.09	70.23	70.40
4	58.10	61.18	63.41	66.12	67.05	67.90	68.51	68.92	69.37	69.91	70.20	70.48
5	57.93	61.11	63.51	65.77	66.84	67.65	68.69	68.83	69.49	70.03	---	70.54
6	57.97	61.36	63.51	66.12	66.65	67.61	68.63	68.80	69.40	70.10	70.31	70.58
7	58.13	61.47	63.50	66.18	66.84	67.68	68.56	68.85	69.54	70.08	70.34	70.37
8	58.26	61.38	63.64	66.17	67.05	67.80	68.44	69.08	69.55	69.90	70.24	70.34
9	58.36	61.63	63.80	66.16	67.08	67.69	68.26	68.86	69.60	70.04	70.30	70.58
10	58.38	61.71	63.73	66.40	66.95	67.61	68.40	68.96	69.72	69.87	70.38	70.60
11	58.68	61.65	63.74	66.50	66.97	67.92	68.51	68.86	69.45	70.01	70.39	70.55
12	58.76	61.93	63.98	66.44	67.05	67.80	68.37	68.99	69.61	70.11	70.16	70.58
13	58.67	61.82	64.07	66.45	67.07	67.85	68.26	69.17	69.57	70.09	70.27	70.61
14	58.78	62.34	63.99	66.49	67.06	67.91	68.33	69.02	69.81	69.85	70.35	70.52
15	59.03	62.25	64.25	66.07	67.08	67.97	68.67	69.07	69.74	69.75	70.21	70.60
16	59.20	62.25	64.15	66.19	67.23	67.74	68.54	69.12	69.60	69.79	70.43	70.56
17	59.49	62.28	64.17	66.38	67.18	67.99	68.54	69.31	69.65	69.77	70.19	70.57
18	59.44	62.20	64.27	66.10	67.20	67.95	68.64	69.05	69.84	69.86	---	70.56
19	59.42	62.32	64.24	66.21	67.26	68.02	68.79	69.20	69.61	69.95	70.51	70.54
20	59.68	62.39	64.46	66.20	67.40	67.93	68.50	69.25	69.56	69.93	70.37	70.80
21	59.58	62.48	64.69	66.22	67.40	67.83	68.63	69.10	69.57	70.56	70.17	70.60
22	59.58	62.72	64.91	66.27	67.45	68.11	68.50	69.47	69.52	70.13	70.18	70.61
23	59.88	62.69	64.87	66.43	67.48	68.37	68.61	69.29	70.28	70.35	70.29	70.63
24	60.16	62.70	64.90	66.47	67.41	68.07	68.70	69.23	69.92	70.34	70.27	70.60
25	60.36	62.81	65.21	66.50	67.52	68.48	68.58	69.49	69.77	70.03	---	70.72
26	60.20	62.90	65.37	66.44	67.44	68.13	68.77	69.40	69.94	70.26	---	70.71
27	60.25	62.93	65.27	66.39	67.58	68.10	68.59	69.23	69.77	70.14	70.45	70.59
28	60.24	62.92	65.29	66.60	67.83	68.18	68.83	69.59	69.73	70.19	70.41	70.54
29	60.65	63.31	66.41	66.58	67.65	68.29	68.80	69.50	70.07	70.12	70.40	70.81
30	60.75	63.31	65.39	66.60	---	68.10	68.64	69.37	69.99	70.31	70.33	70.69
31	60.76	---	65.35	66.81	---	68.13	---	69.45	---	70.21	70.45	---
MEAN	59.15	62.10	64.33	66.25	67.18	67.93	68.54	69.11	69.69	70.08	---	70.57
MAX	60.76	63.31	66.41	66.81	67.83	68.48	68.83	69.59	70.28	70.76	---	70.81
MIN	57.57	60.86	63.36	65.51	66.65	67.61	68.07	68.67	69.37	69.75	---	70.34



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

CHESTER COUNTY

WELL NUMBER.--344000081250011. Local number, CTR-21.

LOCATION.--Lat 34°40'27'', long 81°24'55'', Hydrologic Unit 03050106, Northeast of Leeds, Leeds Fire Tower, 85 ft from center of fire tower. Owner: U.S. Forest Service.

AQUIFER.--Paleozoic Metaigneous Rocks.

WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 4 in, depth 98 ft, cased to 72 ft, open hole from 72 to 98 ft.

INSTRUMENTATION.--Data collection platform--60 minute collection interval.

DATUM.--Land-surface datum is 665 ft above sea level. Measuring point: Top of casing, 0.63 ft above land-surface datum.

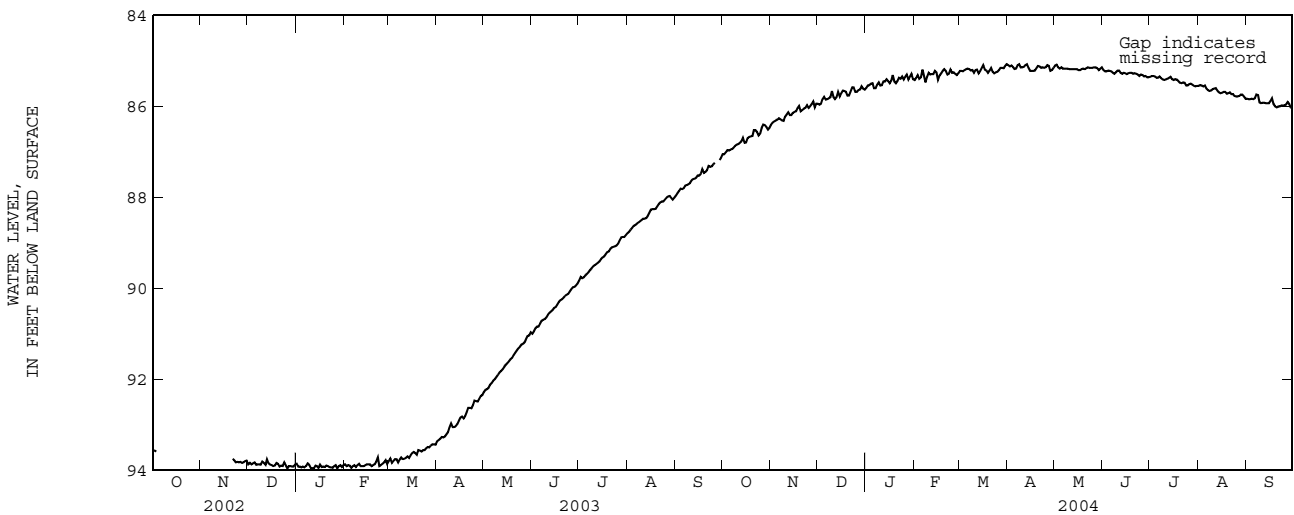
REMARKS.--Geophysical logs available in District files.

PERIOD OF RECORD.--January 1994 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 85.00 ft below land-surface datum, Mar. 31, 2004; lowest, 94.01 ft below land-surface datum, Dec. 26, 2002.

Depth to water level, feet below land surface
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	87.05	86.40	85.94	85.59	85.42	85.22	85.09	85.10	85.20	85.35	85.55	85.83
2	87.05	86.36	85.96	85.54	85.37	85.22	85.12	85.08	85.23	85.33	85.53	85.84
3	87.01	86.33	85.94	85.53	85.31	85.23	85.10	85.14	85.23	85.33	85.54	85.84
4	86.96	86.31	85.84	85.50	85.39	85.20	85.13	85.17	85.21	85.34	85.56	85.83
5	86.97	86.29	85.79	85.49	85.36	85.18	85.18	85.14	85.22	85.37	85.54	85.84
6	86.95	86.26	85.85	85.60	85.19	85.17	85.17	85.17	85.23	85.37	85.61	85.82
7	86.94	86.28	85.84	85.60	85.32	85.18	85.09	85.17	85.26	85.34	85.64	85.74
8	86.91	86.31	85.82	85.52	85.47	85.21	85.07	85.17	85.28	85.38	85.66	85.75
9	86.87	86.32	85.80	85.47	85.35	85.20	85.14	85.17	85.25	85.41	85.65	85.91
10	86.84	86.23	85.66	85.54	85.26	85.26	85.14	85.18	85.21	85.42	85.62	85.93
11	86.83	86.18	85.80	85.53	85.30	85.20	85.13	85.18	85.21	85.41	85.61	85.92
12	86.80	86.13	85.84	85.45	85.29	85.19	85.09	85.18	85.26	85.39	85.60	85.92
13	86.77	86.19	85.80	85.45	85.29	85.27	85.07	85.18	85.28	85.37	85.65	85.93
14	86.69	86.19	85.68	85.40	85.22	85.22	85.15	85.18	85.26	85.35	85.69	85.93
15	86.80	86.14	85.78	85.44	85.25	85.16	85.22	85.18	85.27	85.40	85.71	85.93
16	86.79	86.12	85.71	85.49	85.42	85.09	85.22	85.20	85.29	85.42	85.70	85.88
17	86.70	86.11	85.65	85.43	85.32	85.19	85.22	85.20	85.27	85.40	85.68	85.82
18	86.67	86.04	85.66	85.31	85.27	85.21	85.21	85.18	85.26	85.41	85.68	85.95
19	86.66	85.99	85.68	85.45	85.22	85.26	85.16	85.17	85.26	85.44	85.72	86.00
20	86.65	86.11	85.76	85.49	85.18	85.21	85.11	85.18	85.28	85.48	85.71	86.02
21	86.52	86.08	85.76	85.44	85.22	85.15	85.12	85.16	85.27	85.49	85.69	86.00
22	86.52	86.05	85.67	85.37	85.30	85.24	85.15	85.14	85.28	85.47	85.73	86.00
23	86.56	86.03	85.58	85.39	85.28	85.27	85.14	85.15	85.30	85.48	85.73	85.98
24	86.64	85.97	85.58	85.34	85.19	85.25	85.15	85.15	85.33	85.54	85.77	85.98
25	86.60	86.03	85.68	85.41	85.26	85.24	85.14	85.15	85.30	85.54	85.78	85.98
26	86.47	86.00	85.68	85.35	85.25	85.20	85.09	85.14	85.31	85.51	85.78	85.96
27	86.40	85.95	85.64	85.30	85.28	85.15	85.11	85.14	85.34	85.50	85.77	85.90
28	86.41	85.89	85.63	85.41	85.31	85.15	85.22	85.16	85.33	85.52	85.74	85.94
29	86.45	86.02	85.56	85.34	85.27	85.16	85.20	85.20	85.36	85.55	85.74	86.02
30	86.51	85.94	85.61	85.28	---	85.11	85.15	85.17	85.36	85.56	85.78	86.04
31	86.47	---	85.63	85.40	---	85.07	---	85.14	---	85.55	85.83	---
MEAN	86.72	86.14	85.74	85.45	85.30	85.20	85.14	85.16	85.27	85.43	85.68	85.91
MAX	87.05	86.40	85.96	85.60	85.47	85.27	85.22	85.20	85.36	85.56	85.83	86.04
MIN	86.40	85.89	85.56	85.28	85.18	85.07	85.07	85.08	85.20	85.33	85.53	85.74



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

FLORENCE COUNTY

WELL NUMBER.--340806079563100. Local number, FLO-85.

LOCATION.--Lat 34°08'06'', long 79°56'31'', Hydrologic Unit 03040202, 136 ft off East Main Street, behind the town hall in Timmonsville. Owner: Town of Timmonsville.

AQUIFER.--Black Creek/Middendorf.

WELL CHARACTERISTICS.--Drilled observation well, diameter 8 in, depth 535 ft, screened intervals 235-240, 260-270, 410-415, 480-485, 505-515 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute collection interval.

DATUM.--Land-surface datum is 145 ft above sea level. Measuring point: Top of casing, 0.71 ft above land-surface datum.

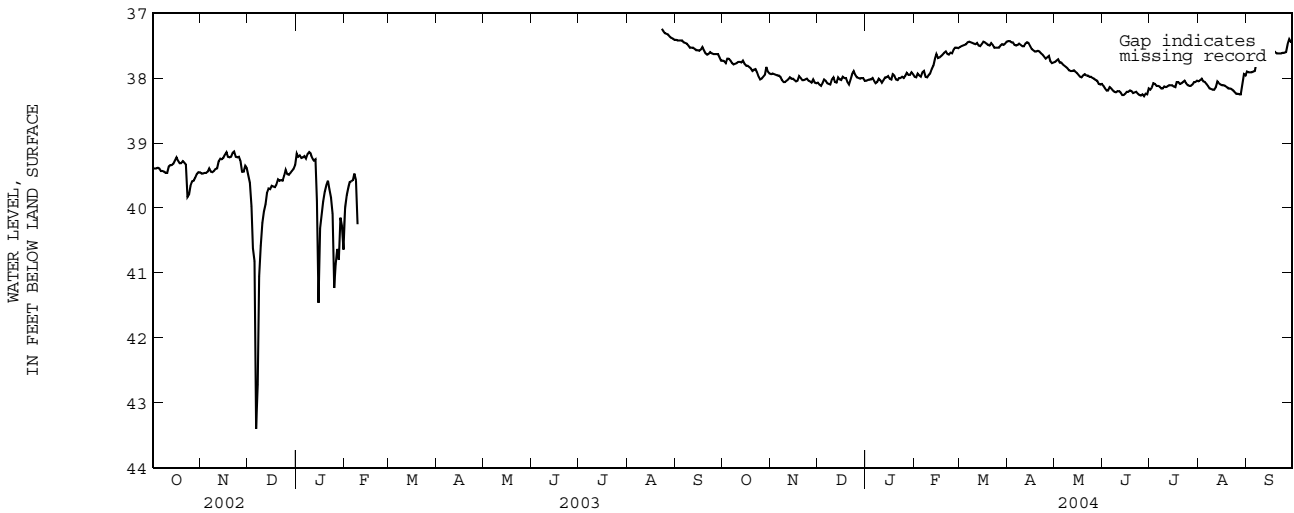
REMARKS.--Geophysical logs available and water-quality data are on file in District office. Water levels are affected by nearby pumpage.

PERIOD OF RECORD.--June 1981 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily water level, 13.14 ft below land-surface datum, Apr. 10, 1983; lowest water level, 46.68 ft below land-surface datum, July 27, 2002.

Depth to water level, feet below land surface
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	37.73	37.94	38.07	38.04	37.98	37.52	37.43	37.75	38.12	38.18	38.05	37.90
2	37.74	37.93	38.10	38.03	37.99	37.51	37.43	37.73	38.16	38.15	38.03	37.91
3	37.77	37.94	38.12	38.02	37.93	37.50	37.45	37.71	38.19	38.08	38.01	37.91
4	37.70	37.95	38.08	38.02	37.96	37.49	37.45	37.76	38.19	38.09	38.05	37.91
5	37.70	37.96	38.02	38.00	37.98	37.48	37.49	37.76	38.14	38.12	38.06	37.90
6	37.73	37.96	38.04	38.04	37.91	37.45	37.50	37.79	38.16	38.12	38.09	37.89
7	37.77	37.98	38.08	38.08	37.89	37.44	37.49	37.81	38.19	38.13	38.12	37.76
8	37.79	38.03	38.09	38.06	37.98	37.45	37.47	37.83	38.21	38.16	38.16	37.65
9	37.78	38.06	38.10	38.01	37.99	37.46	37.49	37.85	38.22	38.16	38.17	37.62
10	37.77	38.06	38.02	38.03	37.95	37.47	37.51	37.88	38.20	38.13	38.18	37.60
11	37.75	38.04	37.99	38.07	37.93	37.48	37.51	37.89	38.20	38.14	38.18	37.60
12	37.75	38.02	38.06	38.03	37.86	37.46	37.47	37.89	38.22	38.13	38.14	37.63
13	37.76	37.99	38.07	37.99	37.81	37.50	37.45	37.88	38.26	38.11	38.05	37.66
14	37.73	38.01	37.99	37.99	37.70	37.51	37.46	37.90	38.26	38.11	38.08	37.67
15	37.78	38.01	38.02	37.97	37.63	37.48	37.51	37.92	38.24	38.11	38.10	37.67
16	37.81	38.03	38.03	38.01	37.69	37.44	37.55	37.95	38.21	38.13	38.11	37.64
17	37.81	38.05	37.98	38.02	37.68	37.45	37.57	37.98	38.21	38.14	38.11	37.56
18	37.83	38.04	38.00	37.94	37.66	37.47	37.59	37.99	38.19	38.06	38.12	37.57
19	37.85	37.97	38.00	37.96	37.64	37.49	37.59	37.96	38.20	38.06	38.14	37.60
20	37.89	38.00	38.06	38.02	37.61	37.50	37.58	37.94	38.23	38.09	38.16	37.62
21	37.87	38.03	38.10	38.03	37.59	37.46	37.59	37.96	38.22	38.08	38.16	37.62
22	37.86	38.03	38.02	38.00	37.63	37.49	37.62	37.96	38.21	38.06	38.17	37.62
23	37.91	38.02	37.93	38.00	37.64	37.53	37.64	37.98	38.24	38.04	38.19	37.62
24	37.98	38.01	37.89	37.98	37.61	37.53	37.67	37.98	38.26	38.08	38.21	37.61
25	38.02	38.04	37.95	38.00	37.62	37.53	37.70	38.00	38.27	38.11	38.24	37.61
26	38.01	38.05	37.99	37.97	37.56	37.53	37.68	38.01	38.25	38.12	38.24	37.60
27	37.98	38.07	38.00	37.92	37.53	37.50	37.66	38.03	38.28	38.12	38.25	37.48
28	37.95	38.02	38.01	37.95	37.53	37.48	37.74	38.04	38.24	38.10	38.25	37.40
29	37.83	38.07	38.00	37.95	37.54	37.49	37.77	38.09	38.25	38.06	38.10	37.44
30	37.90	38.08	38.00	37.91	---	37.47	37.76	38.10	38.16	38.06	37.94	37.44
31	37.93	---	38.04	37.94	---	37.44	---	38.09	---	38.04	37.96	---
MEAN	37.83	38.01	38.03	38.00	37.76	37.48	37.56	37.92	38.21	38.11	38.12	37.66
MAX	38.02	38.08	38.12	38.08	37.99	37.53	37.77	38.10	38.28	38.18	38.25	37.91
MIN	37.70	37.93	37.89	37.91	37.53	37.44	37.43	37.71	38.12	38.04	37.94	37.40



FLORENCE COUNTY--Continued

WELL NUMBER.--341144079345001. Local number, FLO-128.

LOCATION.--Lat 34°11'44'', long 79°34'50'', Hydrologic Unit 03040201, E. I. DuPont, Mars Bluff plant site, 430 ft from State Hwy. 76. Owner: E. I. DuPont, de Nemours Co.

AQUIFER.--Middendorf and Cape Fear Formations.

WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 695 ft cased to 690 ft, screened intervals 265-270, 275-290, 328-333, 376-381, 460-470, 680-690 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute collection interval.

DATUM.--Land-surface datum is 96 ft above sea level. Measuring point: Top of casing, 2.60 ft above land-surface datum.

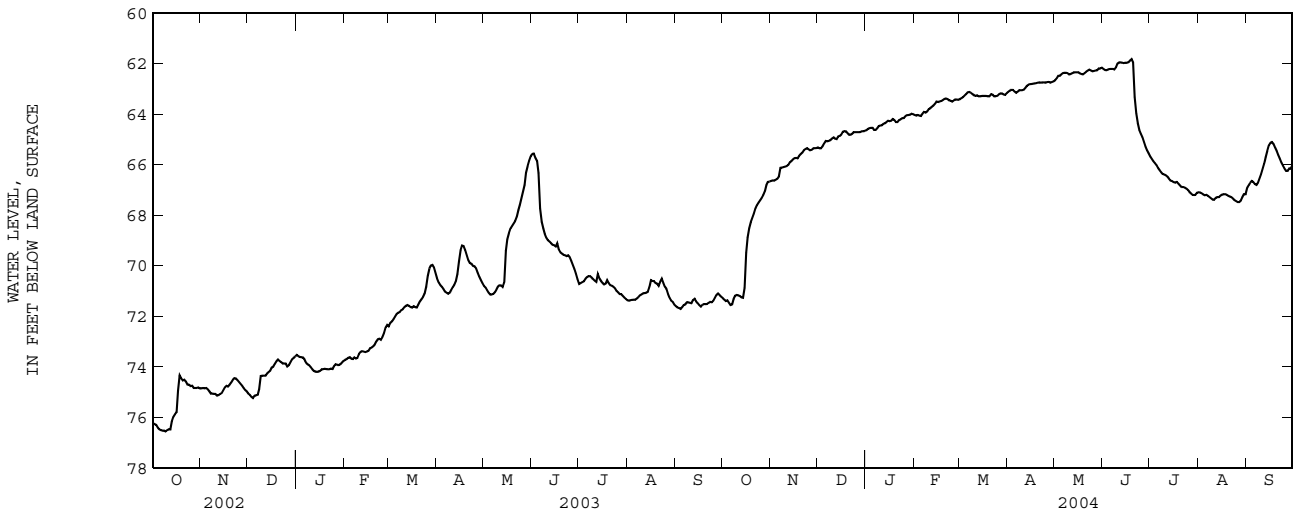
REMARKS.--1959 water-quality data on file in District office. Geophysical logged March 1959 to 800 ft, geophysical logged May 1982 to 695 ft. Water level affected by nearby pumpage.

PERIOD OF RECORD.--January 1982 to July 1986. June 1987 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily mean water level, 54.28 ft below land-surface datum, Jan. 10, 1982; lowest water level, 92.21 ft below land-surface datum, Aug. 15, 1999.

Depth to water level, feet below land surface
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	71.27	66.64	65.32	64.64	64.03	63.41	63.11	62.66	62.21	65.68	67.09	66.94
2	71.34	66.62	65.35	64.59	64.06	63.37	63.07	62.59	62.25	65.77	67.10	66.82
3	71.40	66.63	65.35	64.56	64.03	63.32	63.04	62.48	62.26	65.86	67.13	66.72
4	71.37	66.59	65.28	64.54	64.06	63.26	63.04	62.48	62.23	65.94	67.18	66.64
5	71.46	66.55	65.16	64.54	64.07	63.21	63.10	62.42	62.21	66.02	67.21	66.68
6	71.56	66.47	65.06	64.62	63.98	63.14	63.15	62.38	62.21	66.13	67.19	66.76
7	71.53	66.12	65.07	64.62	63.91	63.12	63.11	62.36	62.21	66.22	67.23	66.80
8	71.32	66.11	65.06	64.56	63.94	63.15	63.05	62.36	62.23	66.30	67.28	66.71
9	71.19	66.10	65.03	64.47	63.89	63.20	63.05	62.38	62.15	66.37	67.33	66.56
10	71.16	66.08	64.96	64.45	63.80	63.25	63.05	62.42	61.99	66.39	67.38	66.38
11	71.17	66.06	64.92	64.44	63.77	63.28	63.03	62.41	61.95	66.42	67.39	66.17
12	71.20	66.01	64.97	64.38	63.70	63.25	62.96	62.38	61.95	66.47	67.31	65.95
13	71.25	65.90	64.99	64.36	63.66	63.29	62.87	62.34	61.96	66.56	67.28	65.70
14	71.27	65.86	64.88	64.31	63.59	63.29	62.83	62.34	61.98	66.63	67.28	65.45
15	70.88	65.79	64.86	64.26	63.50	63.28	62.81	62.34	61.96	66.65	67.22	65.23
16	69.48	65.74	64.81	64.28	63.51	63.28	62.80	62.34	61.97	66.69	67.18	65.13
17	68.88	65.73	64.70	64.26	63.50	63.28	62.79	62.39	61.95	66.71	67.17	65.10
18	68.51	65.75	64.67	64.19	63.48	63.28	62.78	62.41	61.88	66.68	67.17	65.17
19	68.27	65.65	64.68	64.23	63.44	63.29	62.77	62.42	61.82	66.74	67.19	65.32
20	68.10	65.58	64.74	64.31	63.40	63.29	62.75	62.37	61.94	66.81	67.23	65.45
21	67.94	65.52	64.81	64.31	63.38	63.21	62.74	62.31	63.32	66.88	67.26	65.60
22	67.73	65.43	64.81	64.24	63.40	63.23	62.75	62.27	63.97	66.88	67.29	65.75
23	67.59	65.38	64.77	64.21	63.45	63.29	62.74	62.24	64.37	66.90	67.34	65.91
24	67.49	65.34	64.71	64.16	63.46	63.29	62.74	62.27	64.62	66.94	67.40	66.04
25	67.41	65.39	64.71	64.15	63.50	63.27	62.75	62.30	64.77	66.99	67.44	66.15
26	67.31	65.43	64.71	64.09	63.46	63.21	62.73	62.29	64.91	67.06	67.48	66.24
27	67.20	65.41	64.71	64.04	63.42	63.18	62.72	62.27	65.11	67.13	67.48	66.24
28	67.05	65.35	64.71	64.03	63.42	63.18	62.75	62.26	65.28	67.19	67.43	66.15
29	66.81	65.34	64.68	64.02	63.43	63.22	62.73	62.19	65.43	67.20	67.29	66.16
30	66.68	65.34	64.67	63.98	---	63.24	62.70	62.19	65.55	67.19	67.17	66.04
31	66.67	---	64.66	64.00	---	63.17	---	62.16	---	67.11	67.17	---
MEAN	69.44	65.86	64.90	64.32	63.66	63.25	62.88	62.36	62.95	66.60	67.27	66.07
MAX	71.56	66.64	65.35	64.64	64.07	63.41	63.15	62.66	65.55	67.20	67.48	66.94
MIN	66.67	65.34	64.66	63.98	63.38	63.12	62.70	62.16	61.82	65.68	67.09	65.10



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HAMPTON COUNTY

WELL NUMBER.--324143080505900. Local number, HAM-83.

LOCATION.--Lat 32°41'52'', long 80°51'04'', Hydrologic Unit 03050208, northwest of Ebenezer Methodist Church, 170 ft northeast and 80 ft northwest of intersection of State Road 44 and State Road 10, 0.4 mi northwest of the intersection of State Road 44 and U.S. Highway 17A-21, in Yemassee. Owner: South Carolina Department of Natural Resources.

AQUIFER.--Upper Floridan.

WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 113 ft, cased to 85.5 ft, open hole from 85.5 to 113 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute collection interval.

DATUM.--Land-surface datum is 45 ft above sea level. Measuring point: Top of plywood over casing, 0.93 ft above land-surface datum (revised).

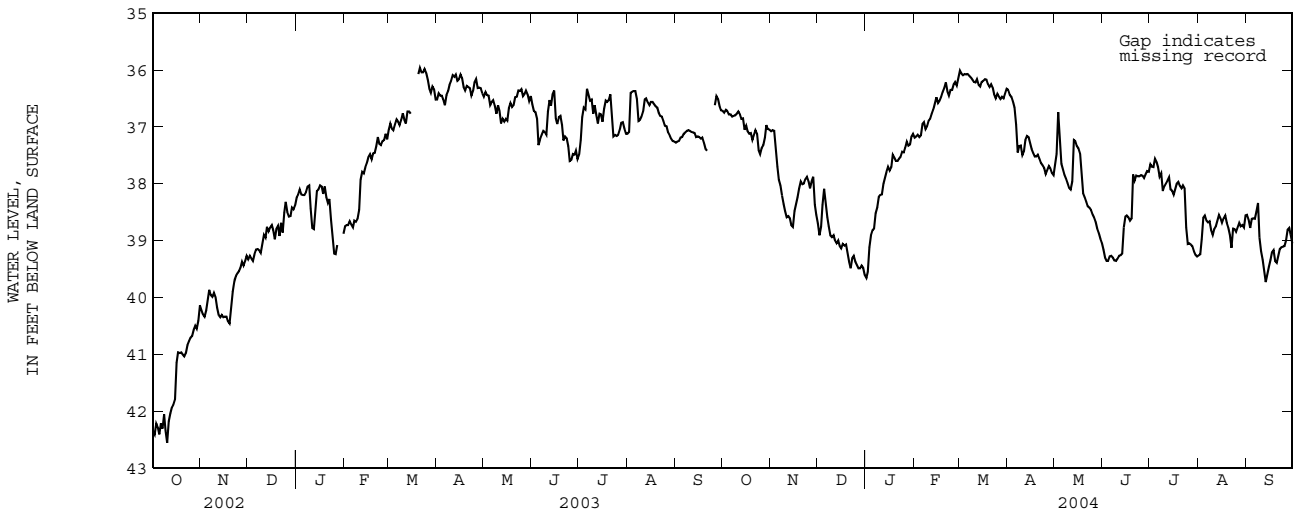
REMARKS.--Geophysical logs available in District files. Logged to a depth of 113 ft, August 1993 (original depth, 190 ft).

PERIOD OF RECORD.--May 1977 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily water level, 32.26 ft below land-surface datum, Apr. 24, 1983; lowest water level, 44.64 ft below land-surface datum, June 13, 2002.

Depth to water level, feet below land surface
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	36.72	37.08	38.70	39.66	37.19	36.01	36.35	37.66	39.16	37.66	39.26	38.55
2	36.75	37.06	38.91	39.55	37.17	36.06	36.44	37.48	39.30	37.70	39.24	38.63
3	36.70	37.07	38.76	39.12	37.14	36.09	36.47	36.74	39.36	37.71	38.98	38.78
4	36.72	37.38	38.37	38.91	37.18	36.07	36.55	37.14	39.36	37.56	38.60	38.62
5	36.78	37.70	38.09	38.82	37.15	36.08	36.66	37.65	39.28	37.62	38.56	38.61
6	36.78	37.93	38.35	38.79	36.95	36.07	36.96	37.74	39.27	37.71	38.65	38.62
7	36.82	38.03	38.59	38.52	36.92	36.10	37.45	37.84	39.30	37.88	38.68	38.49
8	36.81	38.21	38.75	38.42	37.04	36.13	37.34	37.91	39.35	37.82	38.66	38.34
9	36.80	38.36	38.91	38.23	36.99	36.17	37.33	37.99	39.36	38.13	38.82	38.95
10	36.77	38.48	38.94	38.20	36.89	36.21	37.50	38.07	39.32	38.05	38.90	39.19
11	36.73	38.59	38.91	38.19	36.86	36.22	37.43	38.10	39.27	38.00	38.80	39.34
12	36.78	38.57	39.00	38.00	36.77	36.16	37.23	37.96	39.26	37.95	38.75	39.54
13	36.86	38.61	39.05	37.89	36.69	36.26	37.16	37.23	39.23	37.89	38.65	39.73
14	36.85	38.73	39.00	37.79	36.58	36.29	37.18	37.25	38.77	38.10	38.55	39.60
15	37.05	38.76	39.10	37.70	36.48	36.21	37.29	37.34	38.58	38.12	38.61	39.46
16	36.98	38.48	39.14	37.77	36.58	36.19	37.39	37.38	38.56	38.19	38.69	39.34
17	37.08	38.35	39.06	37.71	36.54	36.16	37.46	37.47	38.59	38.09	38.61	39.21
18	37.12	38.24	39.09	37.49	36.47	36.17	37.52	37.81	38.65	38.00	38.56	39.17
19	37.11	38.08	39.07	37.54	36.39	36.25	37.52	38.17	38.61	37.97	38.69	39.36
20	37.23	37.96	39.22	37.60	36.32	36.30	37.49	38.24	37.84	38.04	38.77	39.39
21	37.15	38.01	39.37	37.60	36.22	36.25	37.56	38.32	37.95	38.08	38.90	39.28
22	37.06	38.00	39.49	37.56	36.38	36.31	37.64	38.40	37.86	38.03	39.13	39.15
23	37.12	37.92	39.31	37.53	36.45	36.43	37.68	38.42	37.87	38.08	38.79	39.12
24	37.41	37.88	39.27	37.44	36.35	36.50	37.72	38.46	37.87	38.77	38.80	39.11
25	37.48	37.96	39.37	37.45	36.35	36.42	37.83	38.54	37.85	39.06	38.85	39.10
26	37.37	38.08	39.43	37.37	36.25	36.47	37.76	38.59	37.86	39.05	38.77	39.00
27	37.32	37.96	39.49	37.26	36.21	36.51	37.69	38.67	37.90	39.07	38.69	38.81
28	37.19	37.88	39.49	37.33	36.27	36.47	37.73	38.79	37.84	39.10	38.75	38.78
29	36.97	38.37	39.44	37.31	36.14	36.50	37.81	38.87	37.78	39.19	38.73	38.90
30	37.04	38.55	39.48	37.17	---	36.41	37.85	38.97	37.79	39.25	38.77	39.05
31	37.05	---	39.61	37.12	---	36.33	---	39.04	---	39.28	38.56	---
MEAN	36.99	38.08	39.06	37.97	36.65	36.25	37.33	38.01	38.63	38.23	38.77	39.04
MAX	37.48	38.76	39.61	39.66	37.19	36.51	37.85	39.04	39.36	39.28	39.26	39.73
MIN	36.70	37.06	38.09	37.12	36.14	36.01	36.35	36.74	37.78	37.56	38.55	38.34



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

MARLBORO COUNTY

WELL NUMBER.--342935079431000. Local number, MLB-110.

LOCATION.--Lat 34°29'35'', long 79°43'10'', Hydrologic Unit 03040201, 154 ft north of S-35-264 and 150 ft east of S-35-57, south of railroad tracks at Oak River Mills in Bennettsville. Owner: Oak River Mills.

AQUIFER.--Middendorf.

WELL CHARACTERISTICS.--Drilled observation well, diameter 10 in, depth 115 ft, screened interval 75-115 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute collection interval.

DATUM.--Land-surface datum is 95 ft above sea level. Measuring point: Top of casing, 0.40 ft above land-surface datum.

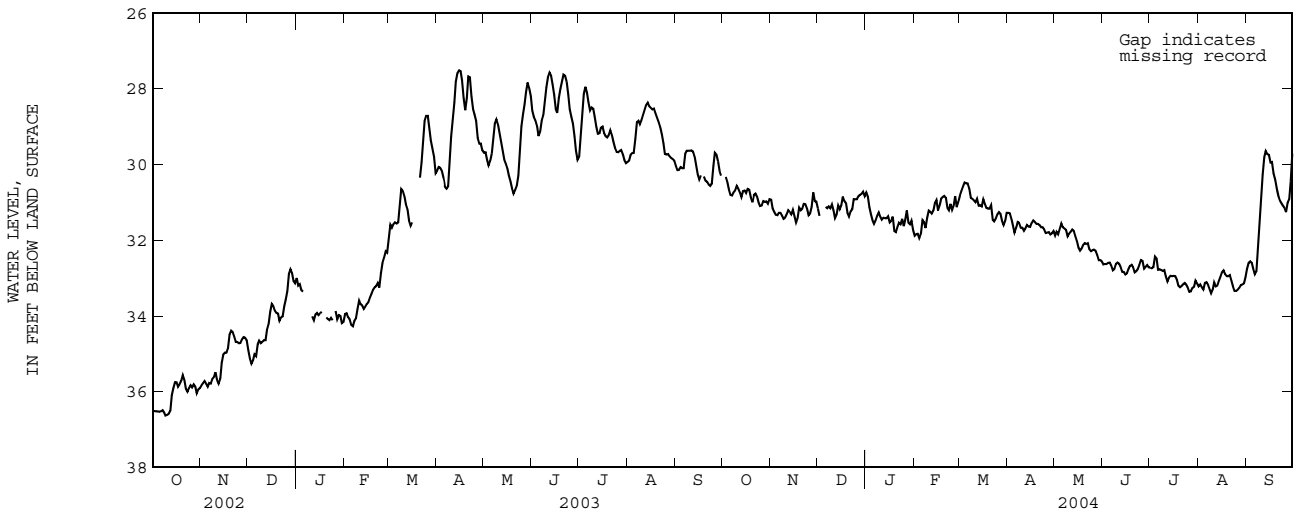
REMARKS.--1957 water-quality data on file in District office. Water level affected by nearby pumpage.

PERIOD OF RECORD.--July 1981 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily water level, 22.67 ft below land-surface datum, Apr. 18, 1983; lowest water level, 36.85 ft below land-surface datum, Oct. 9, 2002.

Depth to water level, feet below land surface
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	30.93	31.16	30.74	31.88	30.82	31.28	31.88	32.64	32.73	33.22	32.76
2	---	31.16	31.36	30.84	31.84	30.71	31.29	31.78	32.63	32.74	33.17	32.60
3	30.33	31.25	---	31.13	31.83	30.59	31.44	31.85	32.63	32.71	33.24	32.56
4	30.46	31.33	---	31.32	31.95	30.48	31.61	31.71	32.60	32.43	33.30	32.60
5	30.66	31.34	---	31.48	31.83	30.50	31.80	31.56	32.59	32.48	33.13	32.75
6	30.81	31.28	31.12	31.57	31.47	30.50	31.68	31.66	32.67	32.78	33.11	32.90
7	30.82	31.28	31.16	31.48	31.52	30.63	31.52	31.69	32.80	32.77	33.17	32.82
8	30.74	31.35	31.11	31.36	31.68	30.88	31.54	31.73	32.77	32.79	33.29	32.10
9	30.69	31.44	31.16	31.27	31.41	30.91	31.67	31.90	32.63	32.81	33.40	31.43
10	30.57	31.41	31.06	31.38	31.22	30.95	31.67	31.83	32.59	32.79	33.30	30.86
11	30.64	31.32	31.22	31.46	31.25	31.00	31.75	31.78	32.62	32.96	33.11	30.27
12	30.74	31.21	31.42	31.41	31.30	30.91	31.69	31.72	32.70	33.09	33.22	29.81
13	30.86	31.26	31.33	31.42	31.22	31.09	31.60	31.76	32.83	32.99	33.20	29.65
14	30.71	31.32	31.08	31.42	31.01	31.08	31.64	31.89	32.84	32.94	33.07	29.73
15	30.69	31.20	31.18	31.37	30.94	31.11	31.65	32.02	32.91	32.95	32.96	29.75
16	30.76	31.37	31.09	31.53	31.22	30.92	31.55	32.20	32.88	32.94	32.85	29.95
17	30.65	31.54	30.85	31.49	31.09	31.04	31.48	32.28	32.77	32.95	32.80	29.94
18	30.67	31.43	30.97	31.38	30.90	31.15	31.52	32.23	32.68	33.03	32.90	30.24
19	30.87	31.14	31.03	31.76	30.86	31.17	31.57	32.13	32.65	33.20	32.95	30.40
20	31.00	31.21	31.28	31.79	30.83	31.17	31.57	32.08	32.71	33.24	32.95	30.63
21	30.81	31.17	31.38	31.65	30.88	31.08	31.60	32.10	32.85	33.21	32.92	30.80
22	30.77	31.04	31.24	31.54	31.15	31.46	31.66	32.08	32.82	33.17	33.07	30.95
23	30.85	31.05	31.18	31.58	31.21	31.50	31.66	32.24	32.76	33.13	33.23	31.02
24	31.01	31.16	30.92	31.44	31.04	31.43	31.71	32.29	32.66	33.17	33.34	31.09
25	31.10	31.34	30.92	31.63	31.20	31.32	31.81	32.26	32.53	33.25	33.34	31.14
26	31.09	31.30	30.92	31.46	31.09	31.26	31.80	32.25	32.55	33.36	33.31	31.26
27	30.97	31.12	30.84	31.22	30.84	31.30	31.79	32.28	32.75	33.35	33.26	31.01
28	30.99	30.74	30.80	31.54	31.13	31.49	31.85	32.39	32.71	33.26	33.19	30.92
29	30.98	30.97	30.78	31.58	30.99	31.60	31.82	32.53	32.66	33.23	33.17	30.46
30	31.04	30.98	30.72	31.49	---	31.49	31.76	32.53	32.72	33.07	33.14	29.72
31	30.92	---	30.84	31.73	---	31.28	---	32.56	---	33.14	32.97	---
MEAN	---	31.22	---	31.43	31.27	31.06	31.63	32.04	32.70	32.99	33.14	31.07
MAX	---	31.54	---	31.79	31.95	31.60	31.85	32.56	32.91	33.36	33.40	32.90
MIN	---	30.74	---	30.74	30.83	30.48	31.28	31.56	32.53	32.43	32.80	29.65



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

MARLBORO COUNTY--Continued

WELL NUMBER.--343715079411500. Local number, MLB-112/134.

LOCATION.--Lat 34°37'35'', long 79°41'22'', Hydrologic Unit 03040201, Marlboro County Recreation Department Building, in Bennettsville. Owner: Town of Bennettsville.

AQUIFER.--Middenforf and Cape Fear.

WELL CHARACTERISTICS.--Drilled observation well, diameter 8 in, depth 345 ft, perforated 220-320 ft, screened interval 320- 335 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute collection interval.

DATUM.--Land-surface datum is 135 ft above sea level. Measuring point: Top of casing, 1.20 ft above land-surface datum.

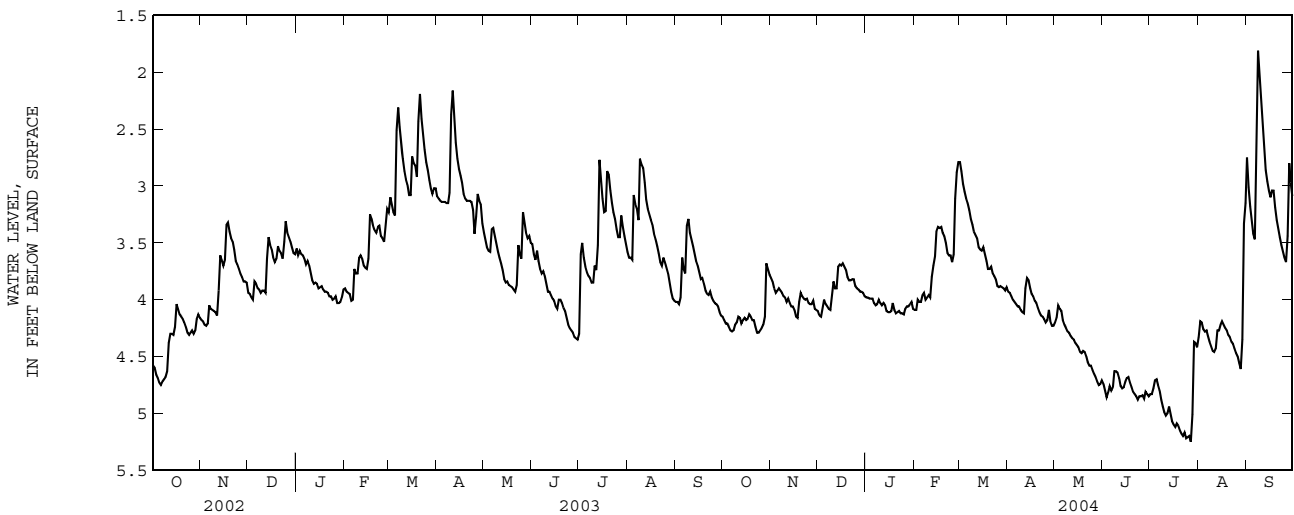
REMARKS.--1971 Gamma and Caliper logged to 297 ft.

PERIOD OF RECORD.--January 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily water level, 0.85 ft below land-surface datum, Feb. 2, 1973; lowest water level, 5.81 ft below land-surface datum, Aug. 13, 2002.

Depth to water level, feet below land surface
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.15	3.81	4.10	3.98	4.09	2.79	3.93	4.20	4.74	4.83	4.33	2.75
2	4.18	3.84	4.14	3.98	4.09	2.87	3.94	4.16	4.80	4.83	4.19	3.01
3	4.21	3.90	4.15	3.99	4.00	2.98	3.97	4.05	4.86	4.78	4.20	3.18
4	4.21	3.94	4.08	3.99	4.02	3.05	4.00	4.08	4.82	4.71	4.26	3.31
5	4.24	3.92	4.00	3.99	4.02	3.11	4.02	4.10	4.76	4.70	4.28	3.42
6	4.27	3.90	4.04	4.03	3.96	3.15	4.04	4.18	4.80	4.75	4.27	3.47
7	4.28	3.92	4.06	4.05	3.94	3.21	4.06	4.22	4.77	4.80	4.32	2.99
8	4.27	3.94	4.08	4.04	4.00	3.29	4.06	4.25	4.63	4.88	4.37	1.81
9	4.22	3.97	4.09	4.00	3.98	3.34	4.09	4.28	4.63	4.94	4.41	2.06
10	4.20	3.98	3.97	4.03	3.96	3.40	4.11	4.29	4.64	4.99	4.45	2.32
11	4.15	4.02	3.84	4.05	3.98	3.43	4.12	4.32	4.69	5.02	4.46	2.52
12	4.16	3.99	3.90	4.03	3.80	3.46	3.90	4.34	4.76	5.00	4.43	2.69
13	4.21	4.03	3.90	4.05	3.70	3.54	3.81	4.35	4.78	4.94	4.27	2.86
14	4.18	4.06	3.71	4.10	3.62	3.56	3.83	4.38	4.77	5.00	4.27	2.96
15	4.16	4.06	3.69	4.11	3.40	3.57	3.90	4.40	4.72	5.07	4.22	3.04
16	4.18	4.09	3.70	4.11	3.36	3.54	3.95	4.42	4.69	5.10	4.19	3.10
17	4.17	4.15	3.68	4.10	3.37	3.60	3.97	4.46	4.68	5.12	4.22	3.04
18	4.13	4.16	3.71	4.03	3.36	3.66	4.01	4.47	4.73	5.09	4.25	3.04
19	4.15	4.02	3.74	4.09	3.41	3.73	4.03	4.45	4.77	5.11	4.27	3.19
20	4.18	3.94	3.80	4.12	3.44	3.73	4.07	4.46	4.81	5.15	4.31	3.30
21	4.18	3.97	3.83	4.11	3.50	3.71	4.11	4.50	4.83	5.18	4.33	3.37
22	4.24	3.99	3.83	4.10	3.59	3.77	4.14	4.55	4.85	5.20	4.37	3.45
23	4.29	4.00	3.82	4.12	3.61	3.79	4.15	4.58	4.88	5.17	4.39	3.52
24	4.29	3.99	3.82	4.12	3.61	3.82	4.17	4.58	4.85	5.22	4.43	3.58
25	4.27	4.03	3.88	4.13	3.67	3.88	4.20	4.62	4.85	5.21	4.47	3.63
26	4.25	4.04	3.90	4.08	3.60	3.89	4.18	4.65	4.84	5.20	4.50	3.67
27	4.22	4.04	3.91	4.06	3.11	3.88	4.09	4.68	4.87	5.25	4.56	3.44
28	4.15	4.01	3.93	4.06	2.88	3.89	4.19	4.72	4.81	5.01	4.61	2.80
29	3.68	4.08	3.93	4.04	2.79	3.90	4.23	4.75	4.83	4.37	4.35	2.97
30	3.73	4.09	3.94	4.02	---	3.92	4.23	4.74	4.85	4.38	3.33	3.09
31	3.78	---	3.97	4.08	---	3.89	---	4.71	---	4.42	3.15	---
MEAN	4.16	4.00	3.91	4.06	3.65	3.53	4.05	4.42	4.78	4.95	4.27	3.05
MAX	4.29	4.16	4.15	4.13	4.09	3.92	4.23	4.75	4.88	5.25	4.61	3.67
MIN	3.68	3.81	3.68	3.98	2.79	2.79	3.81	4.05	4.63	4.37	3.15	1.81



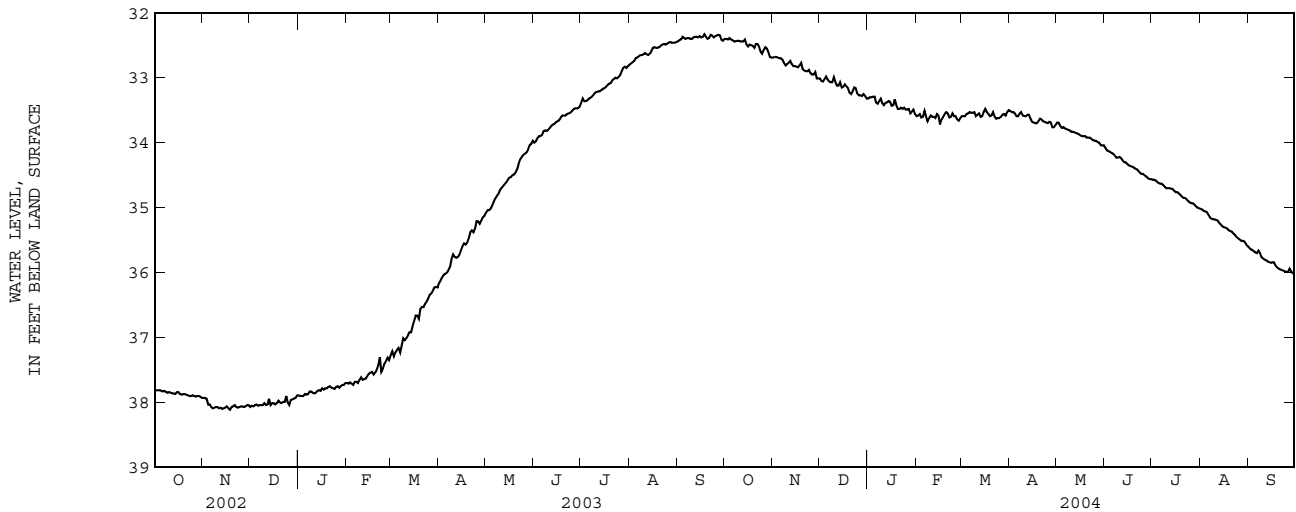
WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

MCCORMICK COUNTY

WELL NUMBER.--335336082214600. Local number, MCK-52.
 LOCATION.--Lat 33°53'36'', long 82°21'46'', Hydrologic Unit 03060103, Baker Creek State Park, at ranger's residence. Owner: S.C. Department of Parks, Recreation, and Tourism.
 AQUIFER.--Felsic metatuff of the Cambrian Persimmon Fork Formation.
 WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 202 ft, cased to 54 ft, open hole from 54 to 202 ft.
 INSTRUMENTATION.--Data collection platform--60 minute collection interval.
 DATUM.--Land-surface datum is 400 ft above sea level. Measuring point: Top of casing, 0.91 ft above land-surface datum.
 REMARKS.--Geophysical logs available in District files.
 PERIOD OF RECORD.--October 1993 to current year.
 EXTREMES FOR PERIOD OF RECORD.--Highest water level, 27.14 ft below land-surface datum, Jun. 14, 15, 1998; lowest water level, 38.21 ft below land-surface datum, Nov. 17, 2002.

Depth to water level, feet below land surface
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	32.40	32.69	33.01	33.32	33.59	33.59	33.51	33.69	34.08	34.57	35.02	35.61
2	32.40	32.68	33.05	33.30	33.58	33.59	33.53	33.69	34.12	34.57	35.03	35.64
3	32.41	32.68	33.06	33.30	33.56	33.59	33.53	33.74	34.13	34.58	35.05	35.65
4	32.39	32.69	33.02	33.29	33.61	33.56	33.55	33.77	34.14	34.60	35.06	35.67
5	32.41	32.70	32.98	33.29	33.60	33.55	33.59	33.76	34.16	34.62	35.07	35.69
6	32.42	32.70	33.03	33.38	33.51	33.53	33.59	33.78	34.17	34.63	35.11	35.70
7	32.44	32.72	33.06	33.40	33.59	33.54	33.55	33.79	34.20	34.63	35.15	35.66
8	32.44	32.77	33.07	33.36	33.67	33.54	33.53	33.80	34.23	34.65	35.17	35.70
9	32.43	32.81	33.07	33.32	33.62	33.53	33.58	33.81	34.23	34.68	35.18	35.76
10	32.43	32.79	32.99	33.39	33.58	33.59	33.59	33.83	34.22	34.70	35.18	35.78
11	32.44	32.77	33.07	33.42	33.60	33.57	33.59	33.83	34.24	34.70	35.19	35.80
12	32.44	32.74	33.12	33.39	33.60	33.55	33.57	33.84	34.27	34.70	35.20	35.81
13	32.44	32.79	33.12	33.38	33.62	33.60	33.57	33.85	34.30	34.71	35.24	35.83
14	32.41	32.82	33.07	33.36	33.56	33.59	33.63	33.86	34.30	34.71	35.26	35.84
15	32.49	32.82	33.15	33.37	33.58	33.53	33.68	33.87	34.33	34.74	35.29	35.85
16	32.52	32.83	33.14	33.43	33.72	33.48	33.69	33.89	34.35	34.76	35.30	35.84
17	32.49	32.84	33.10	33.42	33.64	33.53	33.70	33.90	34.36	34.76	35.31	35.84
18	32.50	32.81	33.13	33.33	33.60	33.56	33.70	33.90	34.37	34.78	35.32	35.89
19	32.51	32.77	33.16	33.42	33.56	33.59	33.67	33.90	34.38	34.80	35.35	35.92
20	32.54	32.87	33.23	33.48	33.53	33.58	33.63	33.92	34.40	34.83	35.36	35.94
21	32.48	32.89	33.25	33.48	33.55	33.53	33.64	33.92	34.41	34.85	35.37	35.95
22	32.48	32.90	33.21	33.46	33.61	33.60	33.67	33.92	34.43	34.85	35.40	35.96
23	32.52	32.90	33.15	33.48	33.60	33.63	33.68	33.94	34.46	34.87	35.42	35.97
24	32.60	32.88	33.16	33.46	33.55	33.62	33.69	33.96	34.48	34.90	35.45	35.98
25	32.63	32.93	33.24	33.49	33.59	33.62	33.70	33.97	34.48	34.92	35.47	35.99
26	32.57	32.95	33.27	33.49	33.59	33.60	33.68	33.97	34.50	34.93	35.49	35.99
27	32.53	32.95	33.27	33.48	33.64	33.57	33.69	33.99	34.52	34.93	35.51	35.94
28	32.55	32.91	33.28	33.55	33.66	33.56	33.76	34.00	34.54	34.95	35.51	35.98
29	32.60	33.01	33.25	33.52	33.62	33.58	33.76	34.04	34.56	34.98	35.52	36.01
30	32.68	33.01	33.28	33.49	---	33.53	33.73	34.04	34.56	35.00	35.56	36.02
31	32.69	---	33.32	33.56	---	33.50	---	34.04	---	35.01	35.59	---
MEAN	32.49	32.82	33.14	33.41	33.60	33.57	33.63	33.88	34.33	34.77	35.29	35.84
MAX	32.69	33.01	33.32	33.56	33.72	33.63	33.76	34.04	34.56	35.01	35.59	36.02
MIN	32.39	32.68	32.98	33.29	33.51	33.48	33.51	33.69	34.08	34.57	35.02	35.61



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

OCONEE COUNTY

WELL NUMBER.--345051083041800. Local number, OC-233.

LOCATION.--Lat 34°50'51'', long 83°04'18'', Hydrologic Unit 03060101, Oconee Station, 60 ft north of gravel road to parking lot.

Owner: S.C. Department of Parks, Recreation, and Tourism.

AQUIFER.--Paleozoic Amphibolite/Precambrian Amphibolite.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 443 ft, open hole from 24 ft to 443 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute collection interval.

DATUM.--Land-surface datum is 1080 ft above sea level. Measuring point: Top of casing, 1.22 ft above land-surface datum.

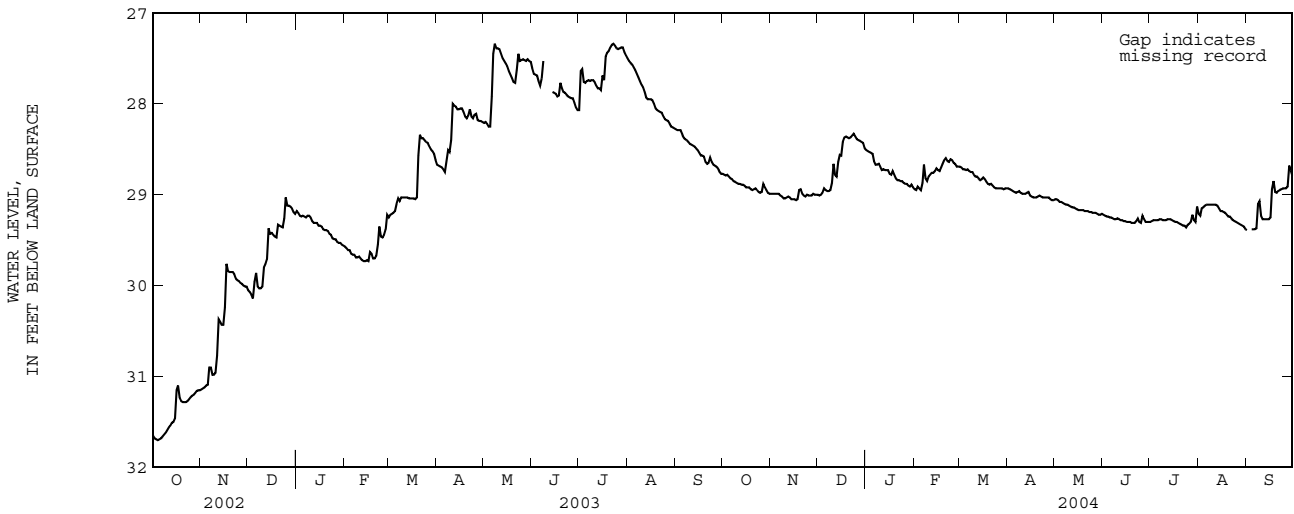
REMARKS.--Geophysical logs available in District files.

PERIOD OF RECORD.--October 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 25.25 ft below land-surface datum, Apr. 1, 1996; lowest water level, 31.84 ft below land-surface datum, Oct. 4, 2002.

Depth to water level, feet below land surface
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	28.77	28.99	29.00	28.51	28.94	28.69	28.93	29.05	29.22	29.30	29.21	29.39
2	28.78	28.99	29.01	28.52	28.95	28.70	28.94	29.05	29.23	29.29	29.23	---
3	28.79	28.99	29.00	28.53	28.91	28.72	28.95	29.06	29.24	29.28	29.15	---
4	28.78	28.99	28.98	28.54	28.93	28.72	28.96	29.08	29.24	29.28	29.14	29.38
5	28.80	28.99	28.93	28.55	28.95	28.73	28.97	29.08	29.25	29.28	29.12	29.38
6	28.82	28.99	28.95	28.63	28.87	28.72	28.98	29.09	29.25	29.28	29.11	29.38
7	28.83	29.01	28.96	28.67	28.67	28.74	28.97	29.10	29.26	29.27	29.11	29.37
8	28.85	29.02	28.96	28.67	28.82	28.75	28.96	29.11	29.27	29.27	29.11	29.10
9	28.86	29.04	28.95	28.66	28.85	28.75	28.98	29.11	29.27	29.28	29.11	29.07
10	28.87	29.04	28.87	28.69	28.80	28.78	28.99	29.12	29.26	29.28	29.11	29.23
11	28.88	29.03	28.66	28.73	28.78	28.80	28.99	29.13	29.27	29.28	29.11	29.27
12	28.88	29.02	28.78	28.72	28.76	28.80	28.99	29.14	29.28	29.27	29.11	29.27
13	28.89	29.03	28.80	28.73	28.76	28.82	28.98	29.14	29.28	29.27	29.12	29.27
14	28.89	29.05	28.64	28.73	28.74	28.84	28.97	29.15	29.29	29.27	29.15	29.27
15	28.90	29.05	28.56	28.73	28.71	28.83	29.01	29.16	29.29	29.28	29.18	29.27
16	28.92	29.05	28.57	28.77	28.73	28.81	29.02	29.17	29.30	29.29	29.18	29.25
17	28.92	29.06	28.42	28.78	28.74	28.83	29.03	29.17	29.30	29.30	29.19	28.94
18	28.92	29.05	28.37	28.74	28.70	28.86	29.03	29.17	29.30	29.30	29.20	28.85
19	28.94	28.95	28.36	28.78	28.66	28.88	29.03	29.17	29.31	29.31	29.22	28.97
20	28.95	28.94	28.37	28.82	28.62	28.89	29.02	29.18	29.31	29.32	29.24	28.98
21	28.94	28.99	28.38	28.84	28.60	28.88	29.01	29.18	29.31	29.33	29.24	28.96
22	28.93	29.01	28.37	28.84	28.63	28.90	29.02	29.18	29.29	29.34	29.26	28.95
23	28.95	29.02	28.35	28.85	28.64	28.92	29.03	29.19	29.26	29.34	29.28	28.94
24	28.97	29.00	28.33	28.85	28.61	28.93	29.03	29.19	29.30	29.36	29.29	28.93
25	28.98	29.01	28.36	28.87	28.62	28.93	29.03	29.20	29.31	29.33	29.30	28.93
26	28.97	29.01	28.39	28.88	28.65	28.93	29.03	29.20	29.23	29.32	29.31	28.93
27	28.88	29.01	28.40	28.88	28.66	28.93	29.03	29.20	29.27	29.30	29.32	28.91
28	28.92	28.99	28.41	28.90	28.69	28.93	29.05	29.21	29.30	29.22	29.33	28.68
29	28.95	29.00	28.42	28.91	28.69	28.94	29.06	29.22	29.30	29.28	29.34	28.73
30	28.98	29.00	28.43	28.89	---	28.93	29.06	29.22	29.30	29.30	29.35	28.79
31	28.99	---	28.49	28.92	---	28.93	---	29.21	---	29.13	29.38	---
MEAN	28.89	29.01	28.63	28.75	28.75	28.83	29.00	29.15	29.28	29.29	29.21	---
MAX	28.99	29.06	29.01	28.92	28.95	28.94	29.06	29.22	29.31	29.36	29.38	---
MIN	28.77	28.94	28.33	28.51	28.60	28.69	28.93	29.05	29.22	29.13	29.11	---



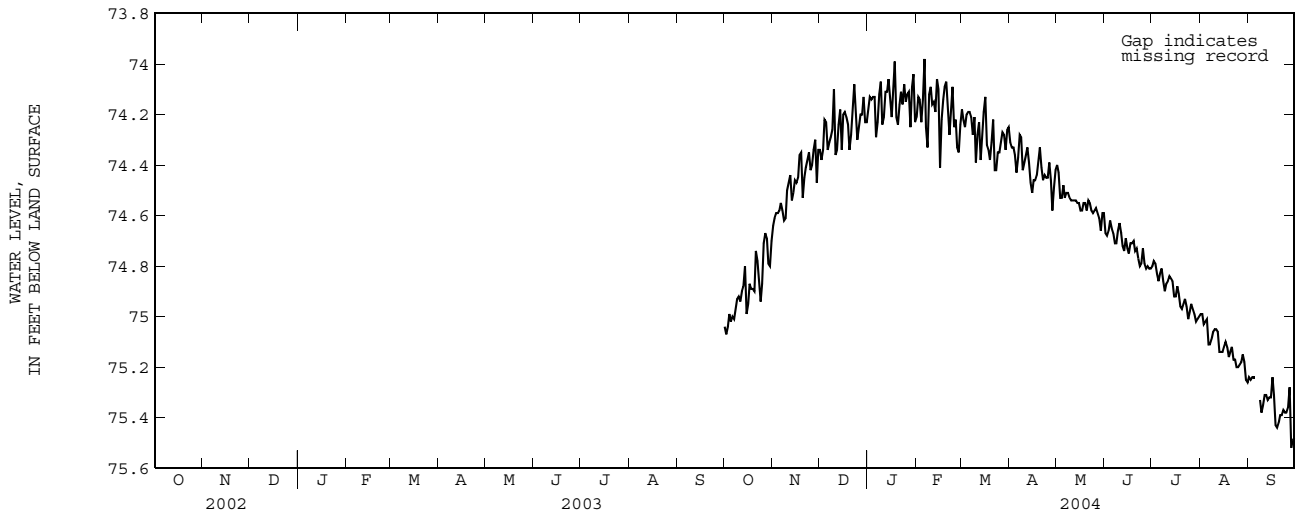
WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

RICHMOND COUNTY

WELL NUMBER.--332029082125901. Local number, 28AA20.
 LOCATION.--Lat 33°20'29'', long 82°12'59'', Hydrologic Unit 03060109, at Fort Gordon, at Augusta, Ga. Owner: U. S. Army.
 AQUIFER.--Midville aquifer.
 WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 89 ft, cased depth is unknown.
 INSTRUMENTATION.--Water-stage recorder--60 minute collection interval.
 DATUM.--Land-surface datum is 462 ft above sea level. Measuring point: Top of casing, 2.50 ft above land-surface datum.
 PERIOD OF RECORD.--October 2003 to September 2004. Records prior to October 1, 2003 in the Georgia district office.
 EXTREMES FOR PERIOD OF RECORD.--Highest water level, 73.83 ft below land-surface datum, Jan. 18, 2004; lowest water level, 75.59 ft below land-surface datum, Sep. 28, 2004.

Depth to water level, feet below land surface
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	75.04	74.64	74.34	74.18	74.21	74.18	74.31	74.40	74.67	74.80	74.99	75.24
2	75.07	74.61	74.38	74.13	74.13	74.22	74.33	74.43	74.68	74.78	74.99	75.25
3	75.04	74.59	74.34	74.14	74.14	74.25	74.33	74.53	74.66	74.79	75.03	75.24
4	74.99	74.59	74.22	74.13	74.23	74.20	74.36	74.53	74.62	74.83	75.02	75.24
5	75.02	74.58	74.23	74.13	74.14	74.19	74.43	74.48	74.65	74.86	75.01	75.24
6	75.00	74.55	74.34	74.29	73.98	74.19	74.37	74.53	74.67	74.83	75.11	---
7	75.01	74.58	74.31	74.23	74.25	74.21	74.28	74.51	74.71	74.81	75.11	---
8	74.97	74.62	74.29	74.12	74.33	74.28	74.29	74.51	74.71	74.86	75.09	75.33
9	74.93	74.61	74.26	74.07	74.12	74.21	74.42	74.53	74.66	74.90	75.06	75.38
10	74.92	74.50	74.10	74.24	74.09	74.39	74.39	74.54	74.63	74.87	75.05	75.35
11	74.94	74.47	74.36	74.21	74.16	74.28	74.36	74.54	74.67	74.86	75.05	75.31
12	74.90	74.44	74.34	74.11	74.15	74.23	74.33	74.54	74.72	74.84	75.06	75.31
13	74.88	74.54	74.24	74.11	74.19	74.38	74.39	74.54	74.74	74.85	75.14	75.33
14	74.80	74.51	74.18	74.06	74.06	74.28	74.47	74.55	74.69	74.86	75.14	75.32
15	74.99	74.46	74.34	74.14	74.10	74.19	74.51	74.55	74.73	74.92	75.14	75.32
16	74.95	74.47	74.20	74.21	74.41	74.13	74.46	74.58	74.75	74.92	75.12	75.24
17	74.87	74.45	74.19	74.09	74.22	74.32	74.46	74.58	74.71	74.88	75.10	75.31
18	74.89	74.36	74.21	73.99	74.14	74.34	74.44	74.55	74.71	74.91	75.12	75.43
19	74.89	74.35	74.24	74.21	74.09	74.38	74.38	74.55	74.70	74.96	75.16	75.44
20	74.90	74.53	74.34	74.24	74.07	74.31	74.33	74.58	74.74	74.97	75.14	75.42
21	74.74	74.45	74.28	74.16	74.17	74.22	74.41	74.54	74.73	74.95	75.12	75.39
22	74.78	74.41	74.17	74.11	74.28	74.42	74.46	74.55	74.77	74.93	75.17	75.39
23	74.86	74.38	74.08	74.16	74.20	74.42	74.44	74.58	74.80	74.96	75.17	75.37
24	74.94	74.35	74.18	74.08	74.09	74.35	74.45	74.59	74.79	75.01	75.20	75.38
25	74.87	74.42	74.30	74.15	74.25	74.35	74.45	74.58	74.73	74.98	75.20	75.38
26	74.71	74.40	74.25	74.12	74.22	74.31	74.39	74.57	74.79	74.95	75.19	75.36
27	74.67	74.34	74.20	74.11	74.33	74.27	74.46	74.59	74.81	74.97	75.18	75.28
28	74.69	74.30	74.20	74.25	74.35	74.28	74.58	74.61	74.80	74.99	75.15	75.52
29	74.79	74.47	74.13	74.09	74.24	74.34	74.49	74.66	74.81	75.02	75.18	75.49
30	74.80	74.34	74.23	74.04	---	74.26	74.42	74.59	74.81	75.01	75.25	75.48
31	74.70	---	74.23	74.23	---	74.25	---	74.59	---	75.00	75.26	---
MEAN	74.89	74.48	74.25	74.15	74.18	74.28	74.41	74.55	74.72	74.91	75.12	---
MAX	75.07	74.64	74.38	74.29	74.41	74.42	74.58	74.66	74.81	75.02	75.26	---
MIN	74.67	74.30	74.08	73.99	73.98	74.13	74.28	74.40	74.62	74.78	74.99	---



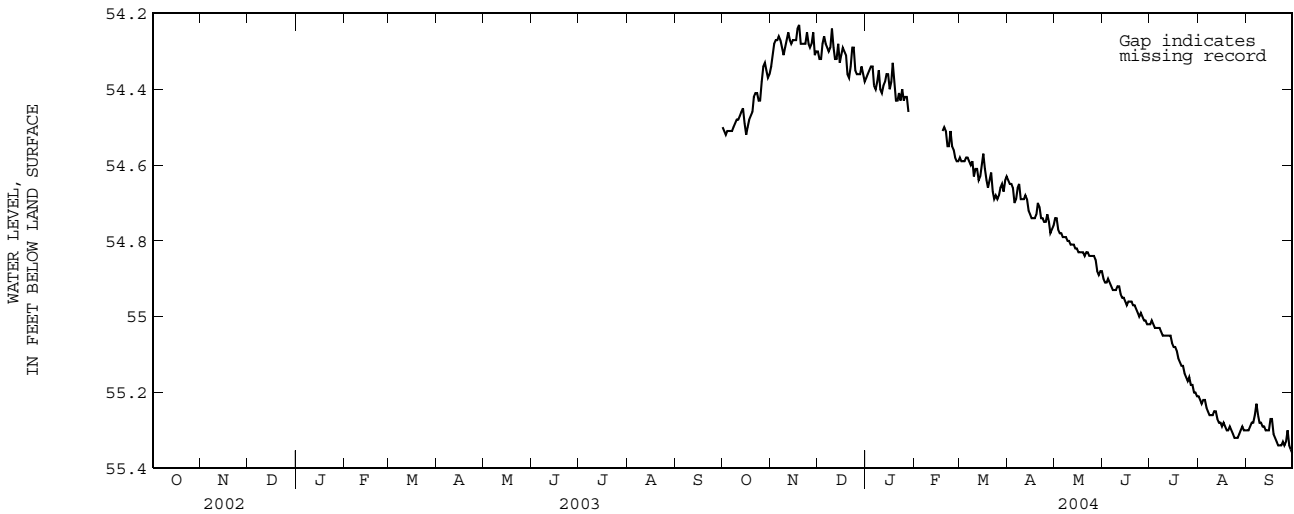
WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

RICHMOND COUNTY--Continued

WELL NUMBER.--332053082124201. Local number, 28AA26.
 LOCATION.--Lat 33°20'53'', long 82°12'42'', Hydrologic Unit 03060109, at Fort Gordon, at Augusta, Ga. Owner: U. S. Army.
 AQUIFER.--Midville aquifer.
 WELL CHARACTERISTICS.--Drilled observation well, diameter 2 in, depth 71.5 ft, cased to 51.5 ft. Open hole from 51.5 to 71.5 ft.
 INSTRUMENTATION.--Water-stage recorder--60 minute collection interval.
 DATUM.--Land-surface datum is 459 ft above sea level. Measuring point: Top of casing, 1.50 ft above land-surface datum.
 PERIOD OF RECORD.--October 2003 to September 2004. Records prior to October 1, 2003 in the Georgia district office.
 EXTREMES FOR PERIOD OF RECORD.--Highest water level, 54.19 ft below land-surface datum, Dec. 10, 2003; lowest water level, 55.37 ft below land-surface datum, Sep. 30, 2004.

Depth to water level, feet below land surface
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	54.50	54.34	54.30	54.37	---	54.58	54.64	54.74	54.90	55.02	55.21	55.30
2	54.51	54.31	54.32	54.36	---	54.59	54.65	54.74	54.91	55.01	55.22	55.30
3	54.52	54.28	54.32	54.35	---	54.59	54.65	54.77	54.91	55.02	55.23	55.29
4	54.51	54.27	54.28	54.34	---	54.59	54.66	54.78	54.90	55.03	55.22	55.28
5	54.51	54.27	54.26	54.34	---	54.58	54.70	54.78	54.91	55.03	55.22	55.28
6	54.51	54.26	54.28	54.39	---	54.58	54.69	54.79	54.92	55.03	55.24	55.26
7	54.51	54.27	54.29	54.40	---	54.59	54.66	54.79	54.93	55.03	55.25	55.23
8	54.50	54.29	54.30	54.38	---	54.60	54.65	54.79	54.93	55.04	55.26	55.26
9	54.49	54.31	54.29	54.35	---	54.59	54.69	54.80	54.93	55.05	55.26	55.28
10	54.48	54.29	54.24	54.40	---	54.63	54.69	54.80	54.92	55.05	55.26	55.28
11	54.48	54.27	54.29	54.41	---	54.61	54.69	54.81	54.92	55.05	55.25	55.29
12	54.47	54.25	54.32	54.39	---	54.61	54.68	54.81	54.94	55.05	55.25	55.29
13	54.46	54.27	54.32	54.38	---	54.64	54.69	54.81	54.95	55.05	55.27	55.30
14	54.45	54.28	54.28	54.36	---	54.63	54.72	54.82	54.95	55.05	55.28	55.30
15	54.49	54.27	54.33	54.36	---	54.60	54.73	54.82	54.96	55.07	55.28	55.30
16	54.52	54.27	54.31	54.40	---	54.57	54.74	54.83	54.97	55.08	55.29	55.27
17	54.50	54.27	54.29	54.38	---	54.61	54.74	54.83	54.96	55.08	55.28	55.27
18	54.48	54.24	54.30	54.33	---	54.64	54.74	54.83	54.96	55.09	55.29	55.31
19	54.47	54.23	54.31	54.38	54.51	54.66	54.73	54.83	54.96	55.11	55.30	55.32
20	54.46	54.28	54.36	54.43	54.50	54.64	54.70	54.84	54.97	55.12	55.30	55.33
21	54.42	54.28	54.37	54.43	54.51	54.62	54.71	54.83	54.97	55.13	55.29	55.34
22	54.41	54.28	54.34	54.41	54.55	54.67	54.74	54.83	54.98	55.13	55.30	55.34
23	54.41	54.28	54.29	54.43	54.55	54.69	54.74	54.84	54.99	55.15	55.31	55.34
24	54.43	54.25	54.29	54.40	54.51	54.68	54.75	54.84	55.00	55.16	55.32	55.33
25	54.43	54.28	54.35	54.43	54.55	54.69	54.75	54.84	54.99	55.17	55.32	55.34
26	54.38	54.29	54.36	54.42	54.56	54.68	54.73	54.84	55.00	55.16	55.32	55.33
27	54.34	54.28	54.36	54.42	54.58	54.66	54.75	54.85	55.01	55.18	55.31	55.30
28	54.33	54.25	54.36	54.46	54.59	54.65	54.78	54.88	55.01	55.18	55.30	55.34
29	54.35	54.31	54.34	---	54.59	54.67	54.77	54.89	55.02	55.20	55.29	55.35
30	54.37	54.30	54.36	---	---	54.64	54.76	54.88	55.02	55.20	55.30	55.36
31	54.36	---	54.38	---	---	54.63	---	54.88	---	55.21	55.30	---
MEAN	54.45	54.28	54.32	---	---	54.63	54.71	54.82	54.96	55.09	55.27	55.30
MAX	54.52	54.34	54.38	---	---	54.69	54.78	54.89	55.02	55.21	55.32	55.36
MIN	54.33	54.23	54.24	---	---	54.57	54.64	54.74	54.90	55.01	55.21	55.23



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

RICHMOND COUNTY--Continued

WELL NUMBER.--332241082140101. Local number, 28BB103.

LOCATION.--Lat 33°22'41'', long 82°14'01'', Hydrologic Unit 03060109, at Fort Gordon, at Augusta, Ga. Owner: U. S. Army.

AQUIFER.--Midville aquifer.

WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 258 ft, cased depth 242 ft, screened interval, 198 to 238 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute collection interval.

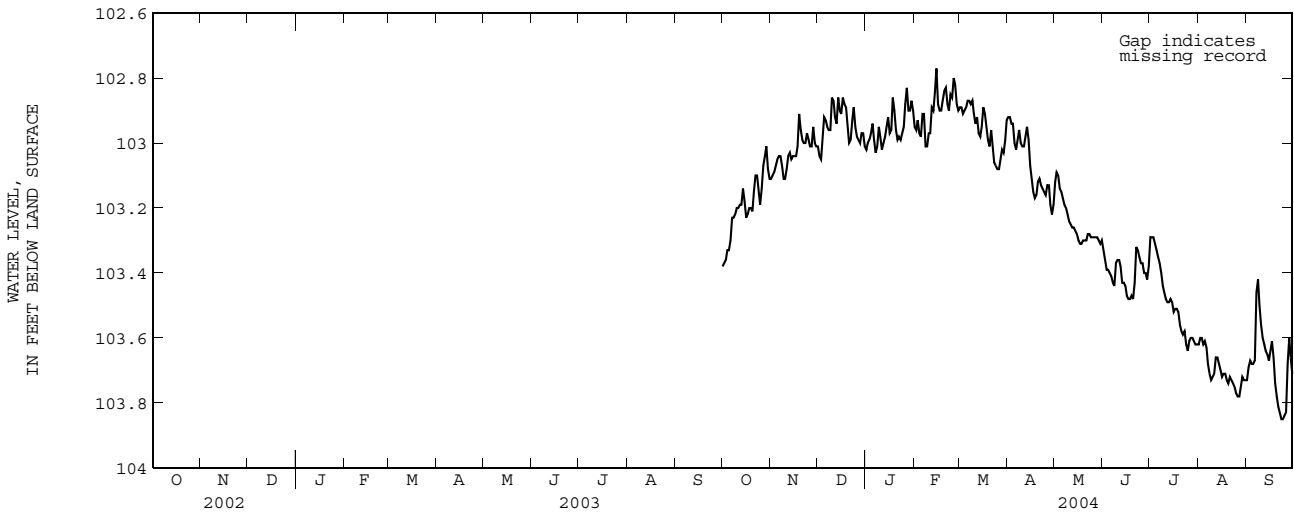
DATUM.--Land-surface datum is 500 ft above sea level. Measuring point: Top of casing, 1.75 ft above land-surface datum.

PERIOD OF RECORD.--October 2003 to September 2004. Records prior to October 1, 2003 in the Georgia district office.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 102.74 ft below land-surface datum, Feb. 15, 2004; lowest water level, 103.87 ft below land-surface datum, Sep. 24, 2004.

Depth to water level, feet below land surface
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	103.38	103.11	103.01	103.02	102.95	102.89	102.92	103.12	103.33	103.29	103.62	103.73
2	103.37	103.10	103.04	103.00	102.96	102.89	102.92	103.09	103.36	103.29	103.60	103.69
3	103.36	103.09	103.05	102.99	102.93	102.91	102.94	103.10	103.39	103.29	103.60	103.67
4	103.33	103.07	102.99	102.97	102.97	102.90	102.94	103.14	103.39	103.31	103.62	103.68
5	103.33	103.05	102.92	102.94	102.98	102.89	103.00	103.15	103.40	103.33	103.61	103.68
6	103.30	103.04	102.93	102.99	102.91	102.87	103.02	103.17	103.41	103.35	103.63	103.67
7	103.23	103.04	102.95	103.03	102.91	102.87	102.99	103.19	103.43	103.37	103.68	103.46
8	103.23	103.07	102.96	103.01	103.01	102.88	102.96	103.20	103.44	103.40	103.71	103.42
9	103.22	103.11	102.96	102.95	103.01	102.87	103.00	103.22	103.37	103.44	103.73	103.50
10	103.20	103.11	102.86	102.98	102.97	102.91	103.01	103.24	103.36	103.46	103.72	103.56
11	103.20	103.08	102.87	103.02	102.97	102.94	103.01	103.25	103.36	103.48	103.71	103.60
12	103.19	103.04	102.92	103.00	102.89	102.92	102.98	103.26	103.38	103.49	103.66	103.62
13	103.19	103.03	102.94	102.98	102.90	102.97	102.95	103.26	103.43	103.49	103.66	103.64
14	103.14	103.05	102.86	102.95	102.84	102.98	102.99	103.27	103.43	103.48	103.68	103.65
15	103.18	103.04	102.90	102.92	102.77	102.95	103.07	103.28	103.44	103.49	103.70	103.67
16	103.23	103.04	102.91	102.97	102.88	102.89	103.11	103.30	103.47	103.52	103.72	103.64
17	103.22	103.04	102.86	102.96	102.90	102.91	103.15	103.31	103.48	103.51	103.71	103.61
18	103.20	103.01	102.88	102.86	102.90	102.95	103.17	103.31	103.48	103.51	103.71	103.66
19	103.20	102.91	102.89	102.90	102.87	102.99	103.16	103.30	103.47	103.52	103.73	103.74
20	103.21	102.96	102.94	102.96	102.84	103.01	103.12	103.30	103.48	103.56	103.74	103.78
21	103.15	102.99	103.00	102.99	102.83	102.96	103.11	103.30	103.43	103.58	103.72	103.81
22	103.10	103.00	102.99	102.98	102.88	103.01	103.13	103.28	103.32	103.59	103.73	103.83
23	103.10	103.00	102.93	102.99	102.90	103.06	103.14	103.28	103.33	103.58	103.74	103.85
24	103.15	102.97	102.89	102.97	102.85	103.07	103.15	103.29	103.35	103.62	103.75	103.85
25	103.19	102.99	102.95	102.95	102.86	103.08	103.16	103.29	103.37	103.64	103.77	103.84
26	103.14	103.01	102.98	102.88	102.80	103.08	103.13	103.29	103.37	103.61	103.78	103.83
27	103.07	103.01	102.99	102.83	102.82	103.05	103.13	103.29	103.40	103.60	103.78	103.68
28	103.04	102.95	103.00	102.90	102.88	103.02	103.19	103.29	103.40	103.60	103.75	103.60
29	103.01	103.00	102.97	102.90	102.90	103.03	103.22	103.30	103.42	103.61	103.72	103.66
30	103.08	103.01	102.97	102.87	---	102.99	103.19	103.31	103.38	103.62	103.73	103.71
31	103.11	---	103.01	102.90	---	102.93	---	103.30	---	103.62	103.73	---
MEAN	103.20	103.03	102.95	102.95	102.90	102.96	103.07	103.25	103.40	103.49	103.70	103.68
MAX	103.38	103.11	103.05	103.03	103.01	103.08	103.22	103.31	103.48	103.64	103.78	103.85
MIN	103.01	102.91	102.86	102.83	102.77	102.87	102.92	103.09	103.32	103.29	103.60	103.42



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

RICHMOND COUNTY--Continued

WELL NUMBER.--332330082083901. Local number, 28BB104.

LOCATION.--Lat 33°23'30'', long 82°08'39'', Hydrologic Unit 03060109, at Fort Gordon, at Augusta, Ga. Owner: U. S. Army.

AQUIFER.--Midville aquifer.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 85 ft, cased depth 85 ft, screened interval, 60 to 80 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute collection interval.

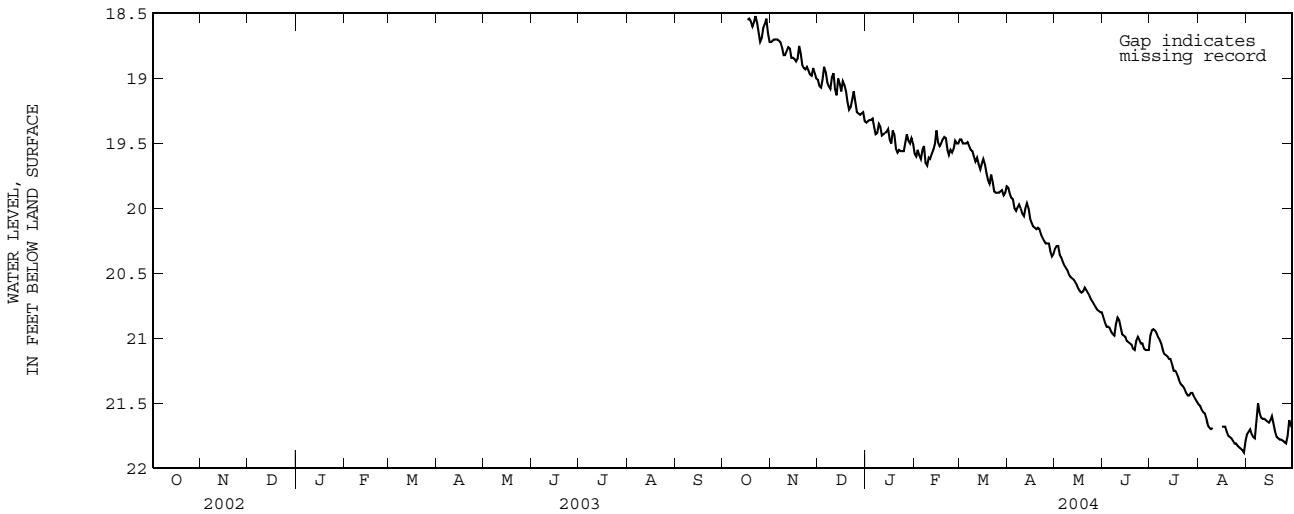
DATUM.--Land-surface datum is 315 ft above sea level. Measuring point: Top of casing, 2.30 ft above land-surface datum.

PERIOD OF RECORD.--October 2003 to September 2004. Records prior to October 1, 2003 in the Georgia district office.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 18.51 ft below land-surface datum, Oct. 22, 29, 2003; lowest water level, 21.90 ft below land-surface datum, Aug. 30, 2004.

Depth to water level, feet below land surface
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	18.72	19.01	19.34	19.58	19.47	19.84	20.31	20.84	20.98	21.51	21.74
2	---	18.71	19.06	19.33	19.60	19.47	19.89	20.29	20.88	20.94	21.52	21.72
3	---	18.70	19.07	19.32	19.55	19.50	19.92	20.29	20.91	20.93	21.55	21.70
4	---	18.70	19.01	19.32	19.59	19.50	19.93	20.36	20.91	20.94	21.57	21.74
5	---	18.70	18.91	19.31	19.62	19.50	20.00	20.38	20.92	20.96	21.58	21.76
6	---	18.71	18.95	19.37	19.55	19.49	20.02	20.41	20.95	20.99	21.62	21.77
7	---	18.72	19.03	19.43	19.52	19.52	19.99	20.44	20.97	21.01	21.67	21.63
8	---	18.76	19.06	19.42	19.65	19.55	19.97	20.46	20.98	21.04	21.69	21.50
9	---	18.82	19.08	19.35	19.67	19.56	20.00	20.48	20.89	21.09	21.70	21.57
10	---	18.82	18.99	19.37	19.61	19.60	20.04	20.51	20.84	21.12	21.69	21.61
11	---	18.79	18.96	19.44	19.62	19.64	20.06	20.53	20.86	21.13	---	21.62
12	---	18.76	19.08	19.43	19.58	19.61	20.00	20.54	20.91	21.14	---	21.62
13	---	18.77	19.13	19.42	19.55	19.66	19.96	20.55	20.97	21.16	---	21.63
14	---	18.84	19.00	19.41	19.50	19.70	20.00	20.57	20.98	21.16	---	21.64
15	---	18.84	19.04	19.39	19.40	19.66	20.08	20.59	20.99	21.20	---	21.65
16	---	18.85	19.10	19.47	19.49	19.62	20.11	20.62	21.02	21.25	21.68	21.63
17	18.55	18.87	19.02	19.50	19.52	19.66	20.14	20.64	21.03	21.25	21.68	21.60
18	18.54	18.85	19.05	19.40	19.50	19.73	20.15	20.65	21.04	21.27	21.68	21.66
19	18.56	18.75	19.10	19.43	19.47	19.78	20.16	20.64	21.05	21.30	21.72	21.72
20	18.60	18.81	19.18	19.54	19.45	19.81	20.15	20.61	21.08	21.34	21.75	21.76
21	18.57	18.90	19.24	19.57	19.46	19.74	20.16	20.63	21.09	21.36	21.76	21.77
22	18.52	18.92	19.22	19.55	19.55	19.80	20.20	20.65	21.02	21.37	21.77	21.78
23	18.57	18.93	19.16	19.56	19.59	19.87	20.23	20.67	20.99	21.39	21.79	21.78
24	18.65	18.91	19.10	19.56	19.55	19.88	20.25	20.70	21.01	21.42	21.81	21.79
25	18.72	18.94	19.18	19.56	19.57	19.88	20.27	20.72	21.04	21.44	21.81	21.80
26	18.69	18.97	19.26	19.50	19.54	19.88	20.27	20.74	21.04	21.44	21.83	21.81
27	18.61	18.98	19.27	19.43	19.48	19.87	20.27	20.76	21.08	21.42	21.84	21.75
28	18.58	18.92	19.28	19.48	19.50	19.86	20.33	20.78	21.09	21.42	21.85	21.63
29	18.54	18.96	19.27	19.50	19.50	19.90	20.37	20.79	21.09	21.45	21.86	21.67
30	18.65	19.00	19.26	19.46	---	19.88	20.35	20.80	21.09	21.47	21.88	21.69
31	18.72	---	19.33	19.50	---	19.83	---	20.80	---	21.49	21.79	---
MEAN	---	18.83	19.11	19.44	19.54	19.69	20.10	20.58	20.99	21.22	---	21.69
MAX	---	19.00	19.33	19.57	19.67	19.90	20.37	20.80	21.09	21.49	---	21.81
MIN	---	18.70	18.91	19.31	19.40	19.47	19.84	20.29	20.84	20.93	---	21.50



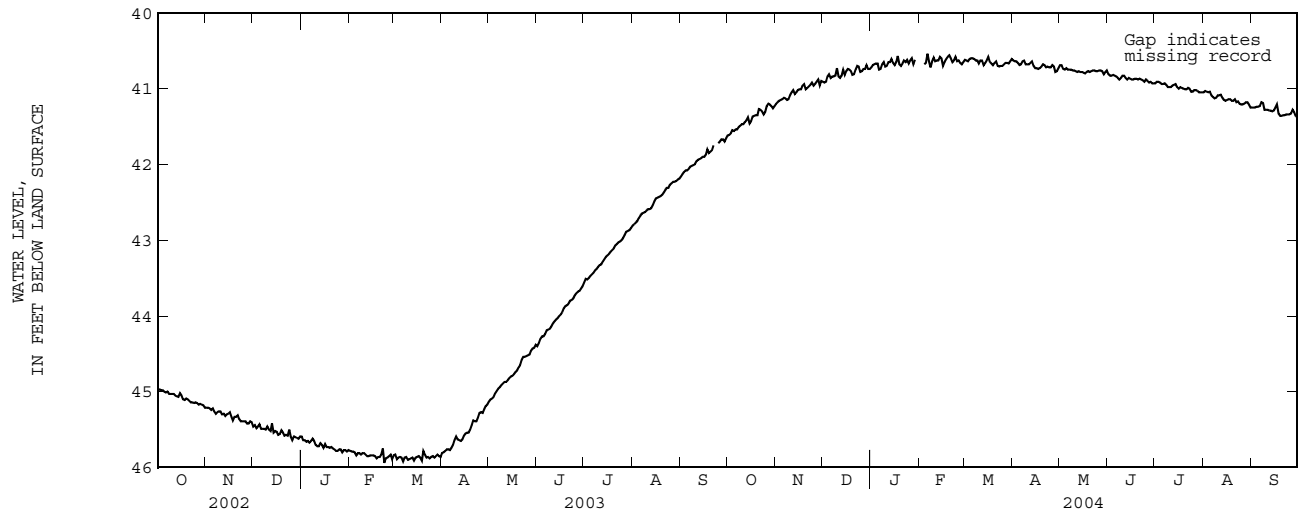
WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

SPARTANBURG COUNTY--Continued

WELL NUMBER.--345145081502900. Local number, SP-1581.
 LOCATION.--Lat 34°51'45'', long 81°50'29'', Hydrologic Unit 03050107, Croft State Park, at campground pumphouse. Owner: S.C. Department of Parks, Recreation, and Tourism.
 AQUIFER.--Precambrian Mica Schist.
 WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 225 ft, cased depth 54 ft, open hole from 54 to 225 ft.
 INSTRUMENTATION.--Water-stage recorder--60 minute collection interval.
 DATUM.--Land-surface datum is 605 ft above sea level. Measuring point: Top of casing, 0.50 ft above land-surface datum.
 REMARKS.--Geophysical logs available in District files.
 PERIOD OF RECORD.--October 1993 to current year.
 EXTREMES FOR PERIOD OF RECORD.--Highest water level, 33.86 ft below land-surface datum, Aug. 10, 1998; lowest water level, 46.04 ft below land-surface datum, Feb. 23, 2003.

Depth to water level, feet below land surface
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	41.62	41.20	40.91	40.72	---	40.62	40.63	40.69	40.81	40.93	41.05	41.25
2	41.61	41.18	40.92	40.69	---	40.63	40.64	40.69	40.83	40.91	41.03	41.25
3	41.59	41.16	40.91	40.68	---	40.64	40.64	40.74	40.83	40.91	41.04	41.25
4	41.55	41.15	40.84	40.67	40.68	40.61	40.66	40.75	40.82	40.92	41.05	41.24
5	41.56	41.14	40.81	40.67	40.66	40.60	40.69	40.73	40.83	40.94	41.04	41.24
6	41.54	41.12	40.86	40.75	40.54	40.60	40.68	40.75	40.84	40.94	41.09	41.23
7	41.54	41.13	40.84	40.74	40.64	40.61	40.64	40.75	40.86	40.93	41.11	41.18
8	41.51	41.15	40.84	40.68	40.72	40.63	40.63	40.75	40.88	40.95	41.13	41.19
9	41.49	41.14	40.83	40.65	40.64	40.63	40.68	40.76	40.86	40.98	41.12	41.28
10	41.47	41.09	40.73	40.71	40.59	40.67	40.68	40.76	40.83	40.98	41.09	41.28
11	41.47	41.05	40.84	40.70	40.64	40.63	40.68	40.77	40.83	40.98	41.09	41.28
12	41.44	41.02	40.86	40.65	40.63	40.63	40.66	40.78	40.86	40.96	41.08	41.29
13	41.42	41.07	40.83	40.65	40.63	40.69	40.64	40.77	40.88	40.95	41.12	41.29
14	41.38	41.05	40.75	40.61	40.58	40.66	40.70	40.78	40.86	40.94	41.15	41.30
15	41.46	41.02	40.82	40.66	40.60	40.63	40.73	40.78	40.87	40.98	41.16	41.29
16	41.43	41.01	40.77	40.69	40.70	40.58	40.73	40.79	40.88	41.00	41.15	41.25
17	41.37	41.01	40.74	40.65	40.65	40.65	40.74	40.80	40.88	40.98	41.14	41.21
18	41.36	40.96	40.75	40.57	40.61	40.67	40.73	40.78	40.87	40.99	41.14	41.33
19	41.35	40.94	40.77	40.68	40.58	40.69	40.71	40.77	40.87	41.00	41.16	41.36
20	41.35	41.01	40.82	40.70	40.56	40.66	40.68	40.78	40.88	41.01	41.16	41.36
21	41.27	40.99	40.81	40.67	40.60	40.64	40.69	40.77	40.87	41.01	41.14	41.35
22	41.28	40.97	40.75	40.63	40.65	40.70	40.72	40.76	40.88	40.99	41.18	41.35
23	41.30	40.95	40.70	40.65	40.63	40.71	40.71	40.76	40.89	41.00	41.17	41.34
24	41.34	40.92	40.71	40.62	40.58	40.70	40.72	40.77	40.91	41.04	41.20	41.34
25	41.31	40.96	40.78	40.67	40.64	40.70	40.72	40.77	40.88	41.04	41.21	41.34
26	41.23	40.94	40.77	40.63	40.63	40.68	40.69	40.76	40.90	41.02	41.21	41.33
27	41.20	40.91	40.74	40.60	40.66	40.66	40.71	40.76	40.92	41.02	41.20	41.28
28	41.21	40.88	40.74	40.68	40.68	40.66	40.78	40.77	40.91	41.03	41.18	41.31
29	41.23	40.96	40.69	40.62	40.65	40.67	40.77	40.81	40.93	41.05	41.18	41.36
30	41.26	40.90	40.74	---	---	40.64	40.73	40.78	40.93	41.05	41.21	41.38
31	41.23	---	40.74	---	---	40.61	---	40.76	---	41.05	41.25	---
MEAN	41.40	41.03	40.79	---	---	40.65	40.69	40.76	40.87	40.98	41.14	41.29
MAX	41.62	41.20	40.92	---	---	40.71	40.78	40.81	40.93	41.05	41.25	41.38
MIN	41.20	40.88	40.69	---	---	40.58	40.63	40.69	40.81	40.91	41.03	41.18



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Conversion Factors

Multiply	By	To obtain
Length		
inch (in.)	2.54×10^1	millimeter (mm)
	2.54×10^{-2}	meter (m)
foot (ft)	3.048×10^{-1}	meter (m)
mile (mi)	1.609×10^0	kilometer (km)
Area		
acre	4.047×10^3	square meter (m ²)
	4.047×10^{-1}	square hectometer (hm ²)
	4.047×10^{-3}	square kilometer (km ²)
square mile (mi ²)	2.590×10^0	square kilometer (km ²)
Volume		
gallon (gal)	3.785×10^0	liter (L)
	3.785×10^{-3}	cubic meter (m ³)
	3.785×10^0	cubic decimeter (dm ³)
million gallons (Mgal)	3.785×10^3	cubic meter (m ³)
	3.785×10^{-3}	cubic hectometer (hm ³)
cubic foot (ft ³)	2.832×10^{-2}	cubic meter (m ³)
	2.832×10^1	cubic decimeter (dm ³)
cubic-foot-per-second day [(ft ³ /s) d]	2.447×10^3	cubic meter (m ³)
	2.447×10^{-3}	cubic hectometer (hm ³)
acre-foot (acre-ft)	1.233×10^3	cubic meter (m ³)
	1.233×10^{-3}	cubic hectometer (hm ³)
	1.233×10^{-6}	cubic kilometer (km ³)
Flow		
cubic foot per second (ft ³ /s)	2.832×10^1	liter per second (L/s)
	2.832×10^{-2}	cubic meter per second (m ³ /s)
	2.832×10^1	cubic decimeter per second (dm ³ /s)
gallon per minute (gal/min)	6.309×10^{-2}	liter per second (L/s)
	6.309×10^{-5}	cubic meter per second (m ³ /s)
	6.309×10^{-2}	cubic decimeter per second (dm ³ /s)
million gallons per day (Mgal/d)	4.381×10^{-2}	cubic meter per second (m ³ /s)
	4.381×10^1	cubic decimeter per second (dm ³ /s)
Mass		
ton (short)	9.072×10^{-1}	megagram (Mg) or metric ton

Temperature in degrees Celsius (°C) may be converted to degrees Fahrenheit (°F) as follows:

$$^{\circ}\text{F} = (1.8 \times ^{\circ}\text{C}) + 32$$

