

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

Water Resources Data South Carolina Water Year 2003



Water-Data Report SC-03-1



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

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

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UNITED STATES DEPARTMENT OF THE INTERIOR
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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 2003 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 109 gaging stations, stage only at 32 gaging stations, stage and contents at 12 lakes and reservoirs, water-quality at 52 gaging stations and one observation well, water levels at 26 observation wells, and precipitation at 22 gaging stations. Also included are data for 60 crest-stage partial-record stations and discharge measurement information at 8 locations. 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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[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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GROUND-WATER WELLS, BY COUNTY, FOR WHICH RECORDS ARE PUBLISHED IN THIS VOLUME

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333232081290605.	Local number, AK-849.	643
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343714082285600.	Local number, AND-326.	644
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321603080432202.	Local number, BFT-1810.	645
321358080403801.	Local number, BFT-1813.	648
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324729079472001.	Local number, CHN-14.	650
330247079340300.	Local number, CHN-101.	651
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350918081263408.	Local number, CRK-74.	652
<u>CHESTER COUNTY</u>		
344000081250011.	Local number, CTR-21.	653
<u>FLORENCE COUNTY</u>		
340806079563100.	Local number, FLO-85.	654
341144079345001.	Local number, FLO-128.	655
<u>GREENVILLE COUNTY</u>		
350622082373608.	Local number, GRV-712.	656
345415082154900.	Local number, GRV-2162.	657
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324143080505900.	Local number, HAM-83.	658
<u>KERSHAW COUNTY</u>		
343330080263700.	Local number, KER-263.	659
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342935079431000.	Local number, MLB-110.	660
343715079411500.	Local number, MLB-112/134.	661
<u>MCCORMICK COUNTY</u>		
335336082214600.	Local number, MCK-52.	662
<u>OCONEE COUNTY</u>		
345051083041800.	Local number, OC-233.	663
<u>SALUDA COUNTY</u>		
340517081401300.	Local number, SAL-69.	664
<u>SPARTANBURG COUNTY</u>		
345145081502900.	Local number, SP-1581.	665
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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)]

WACCAMAW RIVER BASIN

Waccamaw River at Highway 501 near Conway, S.C. (d)	02110705	---	1989-94
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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
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
Pocotaoliago River at Sumter, S.C. (d)	02135517	134	1993-95
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

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
Colonels Creek near Leesburg, S.C. (d)	02148300	38.1	1966-80
Broad River near Gaffney, S.C. (d)	02153500	1,490	1938-71, 1986-90
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
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

WATER RESOURCES DATA FOR SOUTH CAROLINA, 2003

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
Crane Creek at Columbia, S.C. (d)	02162080	66.5	1968-74
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
Lakes Marion-Moultrie Div. Canal (Upper)near Pineville, S.C. (e)	02170500	---	1943-86
Santee River below St. Stephens, S.C. (d,e)	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 Coover River at Mepkin Abbey near Cordesvills, 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			
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
EDISTO RIVER BASIN			
South Fork Edisto River near Montmorenci, S.C. (d)	02172500	198	1940-66
Edisto River near Branchville, S.C. (d)	02174000*	1,720	1946-96
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

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
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)	02185300	795	1989-90
Keowee River near Newry, S.C. (d)	02185500	455	1939-61
Twelvemile Creek near Liberty, S.C. (d)	02186000	106	1954-64, 1989-2001
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
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
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, 2000-01
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)	021973000	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
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

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
Four Mile Creek at Road A-12.2 at Savannah River Site (e)	021973444	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

DISCONTINUED SURFACE-WATER-QUALITY STATIONS

The following stations were discontinued as continuous-record surface-water-quality stations prior to the 2003 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., S.C., 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
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
Black River near Rhems, S.C.	02136070	Temp., S.C.	1963-66
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
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, D.O.	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
		D.O.	1981-95
Cooper River at Mobay near North Charleston, S.C.	02172053	pH, D.O.	1983-93
Chicken Creek at North Charleston, S.C.	021720605	Temp., S.C.	1982-86
Cooper River at Customs House (Aux) at Charleston, S.C.	021720710	Temp. (Bottom), D.O. (Bottom)	1993-94
		D.O. (Top)	1993-95
Edisto River near Jacksonboro, S.C.	02175030	Temp.	1959-62
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
Lower Three Runs below Par Pond at Savannah River Site, S.C.	02197380	Temp.	1984-93

INTRODUCTION

Water resources data for the 2003 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 109 gaging stations; stage-only records for 32 gaging stations; stage and contents for 12 lakes and reservoirs; water quality for 52 gaging stations; water levels for 26 observation wells; and precipitation for 22 stations. Also included are data for 60 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-03-1." 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
- City of Anderson
- City of Camden
- 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
- Mt. Pleasant Waterworks and Sewer Commission
- Oconee County Sewer Commission
- South Carolina Department of Health and Environmental Control
- 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

Streamflow

Rainfall totals and streamflows were above normal throughout South Carolina during the 2003 water year relieving extreme drought conditions across the State. Rainfall in the Piedmont, as indicated by the National Weather Service (NWS) station at the Greenville-Spartanburg Airport, was about 33 percent above normal for the year. Rainfall recorded near Columbia and Charleston by the NWS was about 16 percent above normal and about 17 percent above normal, respectively, for the year. By mid-August of 2002, the State was experiencing the worst hydrologic drought on record. Rainfall during the first quarter of the 2003 water year was well above normal and streamflows in most basins returned to near normal conditions.

Minimum daily mean discharges for the 2003 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 2003 water year for all but one station occurred during the first 2-weeks of October and none exceeded the minimum for the period of record.

Station	Drainage area (square mile)	Period of Record	Minimum daily mean discharge for the 2003 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	1950-2003	138; Nov. 5	1.0; Oct. 14, 1954
02132000 Lynches River at Effingham, SC	1,030	1930-2003	16; Oct. 7	69; Aug. 13, 2002
02135000 Little Pee Dee at Galivants Ferry, SC	2,790	1942-2003	267; Oct. 7	73; Aug. 17, 2002
02136000 Black River at Kingstree, SC	1,252	1930-2003	67; Oct. 10	2.0; Sep. 12, 1954
02154500 North Pacolet River at Fingerville, SC	116	1930-2003	51; Oct. 9	14; Aug. 14, 2002
02155500 Pacolet River near Fingerville, SC	212	1930-2003	70; Oct. 8,9	26; Aug. 10, 2002
02156500 Broad River near Carlisle, SC	2,790	1939-2003	375; Oct. 7	44; Sep. 2, 1956
02162500 Saluda River near Greenville, SC	295	1942-1978 1990-2003	110; Oct. 6	36; Oct. 29, 1998
02163500 Saluda River near Ware Shoals, SC	580	1939-2003	159; Oct. 10	11; Oct. 12, 1941
02165000 Reedy River near Ware Shoals, SC	236	1939-2003	57; Oct. 1	4.8; Sep. 9, 1973
02169500 Congaree River at Columbia, SC	7,850	1940-2003	220; Oct. 9	662; Oct. 18, 1954
02173000 South Fork Edisto River near Denmark, SC	720	1931-1971 1981-2003	203; Oct. 8	110; Aug. 14, 2002
02173500 North Fork Edisto River at Orangeburg, SC	683	1939-2003	229; Oct. 7	113; Aug. 13, 2002
02175000 Edisto River near Givhans, SC	2,730	1939-2003	585; Oct. 8	150; Aug. 17, 2002
02175500 Salkehatchie River near Miley, SC	341	1951-2003	44; Oct. 7	2.9; Aug. 13, 2002
02176500 Coosawhatchie River near Hampton, SC	203	1951-2003	0.00; Oct. 6,7	0.00; Many years
02196000 Stephens Creek near Modoc, SC	545	1940-1978 1984-2003	3.4; Oct. 10	0.00; Sep. 14, 1954

A comparison of monthly and yearly mean discharges during the 2003 water year and the median 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 2003 water year for the South Fork Edisto River near Denmark station were below normal during the months of October through February and above normal the rest of the year than those observed for the period of record. Monthly and annual mean discharges for the 2003 water year for the Lynches River at Effingham station were well above those for the period of record.

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 2003 water year at an observation well near Greenville. Water levels in an unused 80-foot deep water table well, GRV-712, increased from about 35.7 feet below land surface on October 1, 2002, to about 30.8 feet below land surface near the end of the water year.

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 increased about 4 feet from October 1, 2002, to mid-August. However, the water level near the end of the 2003 water year remained only about 7 feet higher than the lowest level observed for the period of record.

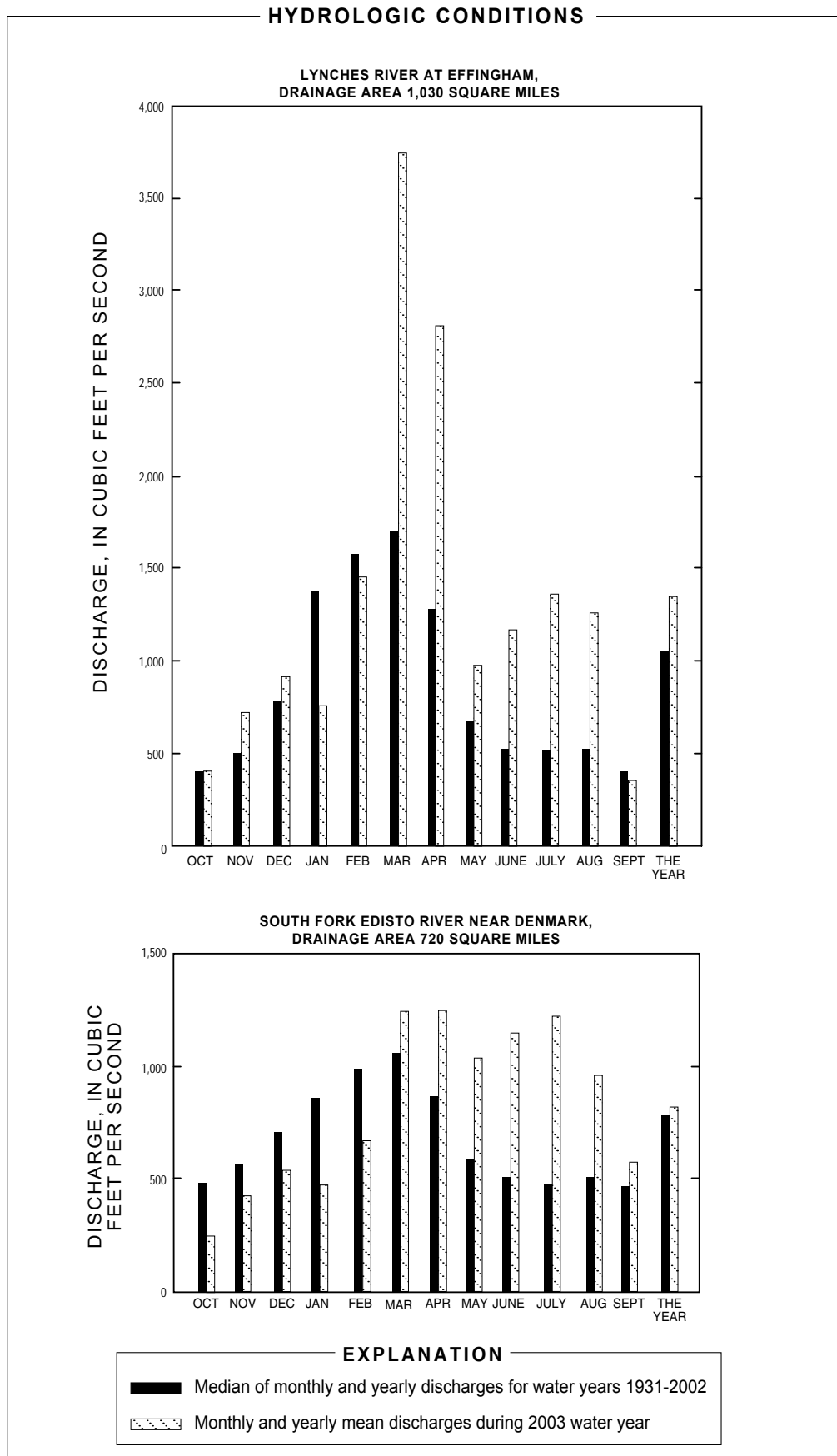


Figure 1.--Monthly and yearly mean discharges at two long-term representative gaging stations during 2003 water year with the median discharges for the period of record.

NOTICE

During water year 1978, revisions were made in the terminology used to define 143 of the water-quality parameter codes that have been used by the Geological Survey in its publication of water-quality data and in its WATSTORE data system. These revisions were made to achieve consistency in terminology and to conform to a joint USGS-EPA agreement on terminology. They do not represent a change in the way the codes have been used in the past or in the association of specific code numbers with identified analytical procedures.

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 poly-chlorinated 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 multiplate samplers (made of hard-board) 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/m^3), and periphyton and benthic organisms in grams per square meter (g/m^2). (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 stream-bed, 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 ($\mu\text{m}^3/\text{mL}$)

mL). The abundance of blue-green algae in periphyton samples is given in cells per square centimeter (cells/cm²) or biovolume per square centimeter (μm³/cm²). (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 (μm³) 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....

From cell volume, total algal biomass expressed as biovolume (μm³/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 warm-blooded 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 ($\mu\text{m}^3/\text{mL}$). The abundance of diatoms 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”)

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 0.4926 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:

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

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 faecalis*, *Streptococcus faecium*, *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 yel-

low-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")

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.co-ops.nos.noaa.gov/tideglos.html>

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:

$$I = I_0 e^{-\lambda L},$$

where I_0 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

$$\lambda = -\frac{1}{L} \log_e \frac{I}{I_0}.$$

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 Web site:*
<http://www.co-ops.nos.noaa.gov/tideglos.html>

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 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.

Nephelometric turbidity unit (NTU) is the measurement for reporting turbidity that is based on use of a standard suspension of formazin. Turbidity measured in NTU uses nephelometric methods that depend on passing specific light of a specific wavelength through the sample.

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, sedigraph) 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 Geophysical 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 photo-synthetic 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 from bed (bottom) material is the amount of a given constituent that is in solution after a representative sample of bottom material has been digested by a method (usually using an acid or mixture of acids) that results in dissolution of readily soluble substances. Complete dissolution of all bottom material is not achieved by the digestion treatment and thus the determination represents less than the total amount (that is, less than 95 percent) of the constituent in the sample. To achieve comparability of analytical data, equivalent digestion procedures would be required of all laboratories performing such analyses because different digestion 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")

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 (as used in tables of chemical analyses) refers to the amount (concentration) of undissolved material in a water-sediment mixture. It is defined operationally as the 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 suspended water-sediment sample that is retained on a 0.45-micrometer membrane filter 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 the 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 sample. To achieve comparability of analytical data, equivalent digestion procedures are required of all laboratories performing such analyses because different digestion procedures are likely to produce different analytical results. Determinations of “suspended, recoverable” constituents are made either by directly analyzing the suspended material collected on the filter or, more commonly, by difference, on the basis of determinations of (1) dissolved and (2) total recoverable concentrations of the constituent. (See also “Suspended”)

Suspended sediment is the sediment maintained in suspension by the upward components of turbulent currents or that exists in suspension as a colloid. (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,” “Suspended 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 hydro-logic 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:	<i>Hexagenia</i>
Species:	<i>Hexagenia limbata</i>

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 the reduction in the transparency of a solution because of the presence of suspended and some dissolved substances. The measurement technique records the collective optical properties of the solution that cause light to be scattered and attenuated rather than transmitted in straight lines; the higher the intensity of scattered or attenuated light, the higher the value of the turbidity. Turbidity is expressed in nephelometric turbidity units (NTU). Depending on the method used, the turbidity units as NTU can be defined as the intensity of light of a specified wavelength scattered or attenuated by suspended particles or absorbed at a method specified angle, usually 90 degrees, from the path of the incident light. Currently approved methods for the measurement of turbidity in the USGS include those that conform to USEPA Method 180.1, ASTM D1889-00, and ISO 7027. Measurements of turbidity by these different methods and different instruments are unlikely to yield equivalent values.

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”)

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 NUMBERS

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 or 9-digit number for each station such as 02175000, which appears just to the left of the station name, includes a 2-digit part number “02” plus the 6-digit (or 7-digit) downstream order number “175000.” In areas of high station density, an additional digit 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.

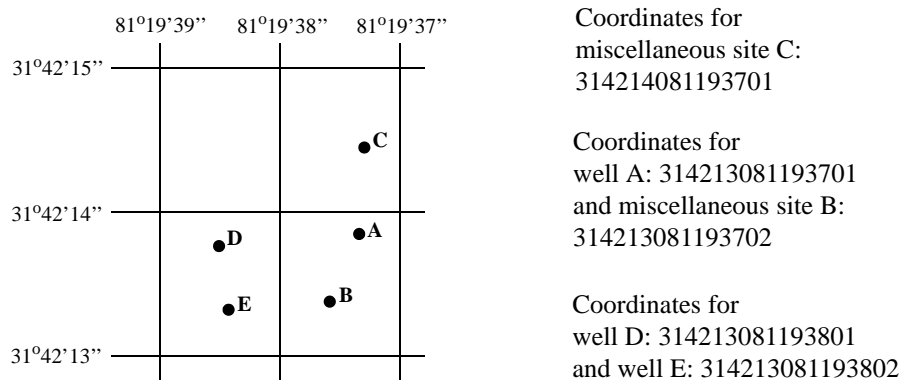


Figure 2.--System for numbering wells and miscellaneous sites (latitude and longitude).

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 provide 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. The methods are consistent with the American Society for Testing and Materials (ASTM) standards and generally follow the standards of the International Organization for Standards (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 TWRIs. A list of TWRIs is provided in this report.

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 is 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

[\leq , less than or equal to; \pm , plus or minus value shown; $^{\circ}\text{C}$, 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	$\leq \pm 0.2$ $^{\circ}\text{C}$	$> \pm 0.2$ to 0.5 $^{\circ}\text{C}$	$> \pm 0.5$ to 0.8 $^{\circ}\text{C}$	$> \pm 0.8$ $^{\circ}\text{C}$
Specific conductance	$\leq \pm 3\%$	$> \pm 3$ to 10%	$> \pm 10$ to 15%	$> \pm 15\%$
Dissolved oxygen	$\leq \pm 0.3$ mg/L	$> \pm 0.3$ to 0.5 mg/L	$> \pm 0.5$ to 0.8 mg/L	$> \pm 0.8$ mg/L
pH	$\leq \pm 0.2$ unit	$> \pm 0.2$ to 0.5 unit	$> \pm 0.5$ to 0.8 unit	$> \pm 0.8$ unit
Turbidity	$\leq \pm 5\%$	$> \pm 5$ to 10%	$> \pm 10$ to 15%	$> \pm 15\%$

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. These TWRI's are listed in this report. 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, the maximum, minimum, and mean temperatures for each day are published. Prior to the 2002 water year the daily values were rounded to the nearest 0.5°C for publication. 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. 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 or e	Estimated value.
>	Actual value is known to be greater than the value shown.
<	Actual value is known to be less than the value shown.
K	Results based on colony count outside the acceptance range (non-ideal colony count).
L	Biological organism count less than 0.5 percent (organism may be observed rather than counted).
D	Biological organism count equal to or greater than 15 percent (dominant).
V	Analyte was detected in both the environmental sample and the associated blanks.
&	Biological organism estimated as dominant.

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. The local number is assigned in coordination with the South Carolina Department of Natural Resources and is based on the county name in which it is located and a chronological sequence number. (See NUMBERING SYSTEM FOR WELLS AND MISCELLANEOUS SITES in this report for a detailed explanation).

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 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 (l_{sd}). 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 8; 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 (lsd). 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's. Procedures for on-site measurements and for collecting, treating, and shipping samples are given in TWRI, Book 1, Chapter D2; Book 3, Chapter C2; and Book 5, Chapters A1, A3, and A4. 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; Book 3, Chapter C2; and Book 5, Chapters A1, A3, and A4.

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.)

Techniques of Water-Resources Investigations of the U.S. Geological Survey

The USGS publishes a series of manuals, the Techniques of Water-Resources Investigations, describing procedures for planning and conducting specialized work in water-resources investigations. The material is grouped under major subject headings called books and is further divided into sections and chapters. For example, section A of book 3 (Applications of Hydraulics) pertains to surface water. The chapter, the unit of publication, is limited to a narrow field of subject matter. This format permits flexibility in revision and publication as the need arises.

Reports in the Techniques of Water-Resources Investigations series, which are listed below, are online at <http://water.usgs.gov/pubs/twri/>. Printed copies are for sale by the USGS, Information Services, Box 25286, Federal Center, Denver, Colorado 80225 (authorized agent of the Superintendent of Documents, Government Printing Office), telephone 1-888-ASK-USGS. Please telephone 1-888-ASK-USGS for current prices, and refer to the title, book number, chapter number, and mention the "U.S. Geological Survey Techniques of Water-Resources Investigations." Products can then be ordered by telephone, or online at <http://www.usgs.gov/sales.html>, or by FAX to (303)236-469 of an order form available online at <http://mac.usgs.gov/isb/pubs/forms/>. Prepayment by major credit card or by a check or money order payable to the "U.S. Geological Survey" is required.

Book 1. Collection of Water Data by Direct Measurement

Section D. Water Quality

1–D1. *Water temperature—Influential factors, field measurement, and data presentation*, by H.H. Stevens, Jr., J.F. Ficke, and G.F. Smoot: USGS–TWRI book 1, chap. D1. 1975. 65 p.

1–D2. *Guidelines for collection and field analysis of ground-water samples for selected unstable constituents*, by W.W. Wood: USGS–TWRI book 1, chap. D2. 1976. 24 p.

Book 2. Collection of Environmental Data

Section D. Surface Geophysical Methods

2–D1. *Application of surface geophysics to ground-water investigations*, by A.A.R. Zohdy, G.P. Eaton, and D.R. Mabey: USGS–TWRI book 2, chap. D1. 1974. 116 p.

2–D2. *Application of seismic-refraction techniques to hydrologic studies*, by F.P. Haeni: USGS–TWRI book 2, chap. D2. 1988. 86 p.

Section E. Subsurface Geophysical Methods

2–E1. *Application of borehole geophysics to water-resources investigations*, by W.S. Keys and L.M. MacCary: USGS–TWRI book 2, chap. E1. 1971. 126 p.

2–E2. *Borehole geophysics applied to ground-water investigations*, by W.S. Keys: USGS–TWRI book 2, chap. E2. 1990. 150 p.

Section F. Drilling and Sampling Methods

2–F1. *Application of drilling, coring, and sampling techniques to test holes and wells*, by Eugene Shuter and W.E. Teasdale: USGS–TWRI book 2, chap. F1. 1989. 97 p.

Book 3. Applications of Hydraulics

Section A. Surface-Water Techniques

3–A1. *General field and office procedures for indirect discharge measurements*, by M.A. Benson and Tate Dalrymple: USGS–TWRI book 3, chap. A1. 1967. 30 p.

3–A2. *Measurement of peak discharge by the slope-area method*, by Tate Dalrymple and M.A. Benson: USGS–TWRI book 3, chap. A2. 1967. 12 p.

- 3-A3. *Measurement of peak discharge at culverts by indirect methods*, by G.L. Bodhaine: USGS-TWRI book 3, chap. A3. 1968. 60 p.
- 3-A4. *Measurement of peak discharge at width contractions by indirect methods*, by H.F. Matthai: USGS-TWRI book 3, chap. A4. 1967. 44 p.
- 3-A5. *Measurement of peak discharge at dams by indirect methods*, by Harry Hulsing: USGS-TWRI book 3, chap. A5. 1967. 29 p.
- 3-A6. *General procedure for gaging streams*, by R.W. Carter and Jacob Davidian: USGS-TWRI book 3, chap. A6. 1968. 13 p.
- 3-A7. *Stage measurement at gaging stations*, by T.J. Buchanan and W.P. Somers: USGS-TWRI book 3, chap. A7. 1968. 28 p.
- 3-A8. *Discharge measurements at gaging stations*, by T.J. Buchanan and W.P. Somers: USGS-TWRI book 3, chap. A8. 1969. 65 p.
- 3-A9. *Measurement of time of travel in streams by dye tracing*, by F.A. Kilpatrick and J.F. Wilson, Jr.: USGS-TWRI book 3, chap. A9. 1989. 27 p.
- 3-A10. *Discharge ratings at gaging stations*, by E.J. Kennedy: USGS-TWRI book 3, chap. A10. 1984. 59 p.
- 3-A11. *Measurement of discharge by the moving-boat method*, by G.F. Smoot and C.E. Novak: USGS-TWRI book 3, chap. A11. 1969. 22 p.
- 3-A12. *Fluorometric procedures for dye tracing*, Revised, by J.F. Wilson, Jr., E.D. Cobb, and F.A. Kilpatrick: USGS-TWRI book 3, chap. A12. 1986. 34 p.
- 3-A13. *Computation of continuous records of streamflow*, by E.J. Kennedy: USGS-TWRI book 3, chap. A13. 1983. 53 p.
- 3-A14. *Use of flumes in measuring discharge*, by F.A. Kilpatrick and V.R. Schneider: USGS-TWRI book 3, chap. A14. 1983. 46 p.
- 3-A15. *Computation of water-surface profiles in open channels*, by Jacob Davidian: USGS-TWRI book 3, chap. A15. 1984. 48 p.
- 3-A16. *Measurement of discharge using tracers*, by F.A. Kilpatrick and E.D. Cobb: USGS-TWRI book 3, chap. A16. 1985. 52 p.
- 3-A17. *Acoustic velocity meter systems*, by Antonius Laenen: USGS-TWRI book 3, chap. A17. 1985. 38 p.
- 3-A18. *Determination of stream reaeration coefficients by use of tracers*, by F.A. Kilpatrick, R.E. Rathbun, Nobuhiro Yotsukura, G.W. Parker, and L.L. DeLong: USGS-TWRI book 3, chap. A18. 1989. 52 p.
- 3-A19. *Levels at streamflow gaging stations*, by E.J. Kennedy: USGS-TWRI book 3, chap. A19. 1990. 31 p.
- 3-A20. *Simulation of soluble waste transport and buildup in surface waters using tracers*, by F.A. Kilpatrick: USGS-TWRI book 3, chap. A20. 1993. 38 p.
- 3-A21. *Stream-gaging cableways*, by C. Russell Wagner: USGS-TWRI book 3, chap. A21. 1995. 56 p.

Section B. Ground-Water Techniques

- 3-B1. *Aquifer-test design, observation, and data analysis*, by R.W. Stallman: USGS-TWRI book 3, chap. B1. 1971. 26 p.
- 3-B2. *Introduction to ground-water hydraulics, a programmed text for self-instruction*, by G.D. Bennett: USGS-TWRI book 3, chap. B2. 1976. 172 p.
- 3-B3. *Type curves for selected problems of flow to wells in confined aquifers*, by J.E. Reed: USGS-TWRI book 3, chap. B3. 1980. 106 p.
- 3-B4. *Regression modeling of ground-water flow*, by R.L. Cooley and R.L. Naff: USGS-TWRI book 3, chap. B4. 1990. 232 p.
- 3-B4. *Supplement 1. Regression modeling of ground-water flow—Modifications to the computer code for nonlinear regression solution of steady-state ground-water flow problems*, by R.L. Cooley: USGS-TWRI book 3, chap. B4. 1993. 8 p.
- 3-B5. *Definition of boundary and initial conditions in the analysis of saturated ground-water flow systems—An introduction*, by O.L. Franke, T.E. Reilly, and G.D. Bennett: USGS-TWRI book 3, chap. B5. 1987. 15 p.
- 3-B6. *The principle of superposition and its application in ground-water hydraulics*, by T.E. Reilly, O.L. Franke, and G.D. Bennett: USGS-TWRI book 3, chap. B6. 1987. 28 p.
- 3-B7. *Analytical solutions for one-, two-, and three-dimensional solute transport in ground-water systems with uniform flow*, by E.J. Wexler: USGS-TWRI book 3, chap. B7. 1992. 190 p.
- 3-B8. *System and boundary conceptualization in ground-water flow simulation*, by T.E. Reilly: USGS-TWRI book 3, chap. B8. 2001. 29 p.

Section C. Sedimentation and Erosion Techniques

- 3-C1. *Fluvial sediment concepts*, by H.P. Guy: USGS-TWRI book 3, chap. C1. 1970. 55 p.
- 3-C2. *Field methods for measurement of fluvial sediment*, by T.K. Edwards and G.D. Glysson: USGS-TWRI book 3, chap. C2. 1999. 89 p.
- 3-C3. *Computation of fluvial-sediment discharge*, by George Porterfield: USGS-TWRI book 3, chap. C3. 1972. 66 p.

Book 4. Hydrologic Analysis and Interpretation

Section A. Statistical Analysis

- 4–A1. *Some statistical tools in hydrology*, by H.C. Riggs: USGS–TWRI book 4, chap. A1. 1968. 39 p.
- 4–A2. *Frequency curves*, by H.C. Riggs: USGS–TWRI book 4, chap. A2. 1968. 15 p.
- 4–A3. *Statistical methods in water resources*, by D.R. Helsel and R.M. Hirsch: USGS–TWRI book 4, chap. A3. 1991. Available only online at <http://water.usgs.gov/pubs/twri/twri4a3/>. (Accessed August 30, 2002.)

Section B. Surface Water

- 4–B1. *Low-flow investigations*, by H.C. Riggs: USGS–TWRI book 4, chap. B1. 1972. 18 p.
- 4–B2. *Storage analyses for water supply*, by H.C. Riggs and C.H. Hardison: USGS–TWRI book 4, chap. B2. 1973. 20 p.
- 4–B3. *Regional analyses of streamflow characteristics*, by H.C. Riggs: USGS–TWRI book 4, chap. B3. 1973. 15 p.

Section D. Interrelated Phases of the Hydrologic Cycle

- 4–D1. *Computation of rate and volume of stream depletion by wells*, by C.T. Jenkins: USGS–TWRI book 4, chap. D1. 1970. 17 p.

Book 5. Laboratory Analysis

Section A. Water Analysis

- 5–A1. *Methods for determination of inorganic substances in water and fluvial sediments*, by M.J. Fishman and L.C. Friedman, editors: USGS–TWRI book 5, chap. A1. 1989. 545 p.
- 5–A2. *Determination of minor elements in water by emission spectroscopy*, by P.R. Barnett and E.C. Mallory, Jr.: USGS–TWRI book 5, chap. A2. 1971. 31 p.
- 5–A3. *Methods for the determination of organic substances in water and fluvial sediments*, edited by R.L. Wershaw, M.J. Fishman, R.R. Grabbe, and L.E. Lowe: USGS–TWRI book 5, chap. A3. 1987. 80 p.
- 5–A4. *Methods for collection and analysis of aquatic biological and microbiological samples*, by L.J. Britton and P.E. Greenson, editors: USGS–TWRI book 5, chap. A4. 1989. 363 p.
- 5–A5. *Methods for determination of radioactive substances in water and fluvial sediments*, by L.L. Thatcher, V.J. Janzer, and K.W. Edwards: USGS–TWRI book 5, chap. A5. 1977. 95 p.
- 5–A6. *Quality assurance practices for the chemical and biological analyses of water and fluvial sediments*, by L.C. Friedman and D.E. Erdmann: USGS–TWRI book 5, chap. A6. 1982. 181 p.

Section C. Sediment Analysis

- 5–C1. *Laboratory theory and methods for sediment analysis*, by H.P. Guy: USGS–TWRI book 5, chap. C1. 1969. 58 p.

Book 6. Modeling Techniques

Section A. Ground Water

- 6–A1. *A modular three-dimensional finite-difference ground-water flow model*, by M.G. McDonald and A.W. Harbaugh: USGS–TWRI book 6, chap. A1. 1988. 586 p.
- 6–A2. *Documentation of a computer program to simulate aquifer-system compaction using the modular finite-difference ground-water flow model*, by S.A. Leake and D.E. Prudic: USGS–TWRI book 6, chap. A2. 1991. 68 p.
- 6–A3. *A modular finite-element model (MODFE) for areal and axisymmetric ground-water-flow problems, Part 1: Model Description and User's Manual*, by L.J. Torak: USGS–TWRI book 6, chap. A3. 1993. 136 p.
- 6–A4. *A modular finite-element model (MODFE) for areal and axisymmetric ground-water-flow problems, Part 2: Derivation of finite-element equations and comparisons with analytical solutions*, by R.L. Cooley: USGS–TWRI book 6, chap. A4. 1992. 108 p.

6–A5. *A modular finite-element model (MODFE) for areal and axisymmetric ground-water-flow problems, Part 3: Design philosophy and programming details*, by L.J. Torak: USGS–TWRI book 6, chap. A5. 1993. 243 p.

6–A6. *A coupled surface-water and ground-water flow model (MODBRANCH) for simulation of stream-aquifer interaction*, by Eric D. Swain and Eliezer J. Wexler: USGS–TWRI book 6, chap. A6. 1996. 125 p.

6–A7. *User's guide to SEAWAT: A computer program for simulation of three-dimensional variable-density ground-water flow*, by Weixing Guo and Christian D. Langevin: USGS–TWRI book 6, chap. A7. 2002. 77 p.

Book 7. Automated Data Processing and Computations

Section C. Computer Programs

7–C1. *Finite difference model for aquifer simulation in two dimensions with results of numerical experiments*, by P.C. Trescott, G.F. Pinder, and S.P. Larson: USGS–TWRI book 7, chap. C1. 1976. 116 p.

7–C2. *Computer model of two-dimensional solute transport and dispersion in ground water*, by L.F. Konikow and J.D. Bredehoeft: USGS–TWRI book 7, chap. C2. 1978. 90 p.

7–C3. *A model for simulation of flow in singular and interconnected channels*, by R.W. Schaffranek, R.A. Baltzer, and D.E. Goldberg: USGS–TWRI book 7, chap. C3. 1981. 110 p.

Book 8. Instrumentation

Section A. Instruments for Measurement of Water Level

8–A1. *Methods of measuring water levels in deep wells*, by M.S. Garber and F.C. Koopman: USGS–TWRI book 8, chap. A1. 1968. 23 p.

8–A2. *Installation and service manual for U.S. Geological Survey manometers*, by J.D. Craig: USGS–TWRI book 8, chap. A2. 1983. 57 p.

Section B. Instruments for Measurement of Discharge

8–B2. *Calibration and maintenance of vertical-axis type current meters*, by G.F. Smoot and C.E. Novak: USGS–TWRI book 8, chap. B2. 1968. 15 p.

Book 9. Handbooks for Water-Resources Investigations

Section A. National Field Manual for the Collection of Water-Quality Data

9–A1. *National field manual for the collection of water-quality data: Preparations for water sampling*, by F.D. Wilde, D.B. Radtke, Jacob Gibbs, and R.T. Iwatsubo: USGS–TWRI book 9, chap. A1. 1998. 47 p.

9–A2. *National field manual for the collection of water-quality data: Selection of equipment for water sampling*, edited by F.D. Wilde, D.B. Radtke, Jacob Gibbs, and R.T. Iwatsubo: USGS–TWRI book 9, chap. A2. 1998. 94 p.

9–A3. *National field manual for the collection of water-quality data: Cleaning of equipment for water sampling*, edited by F.D. Wilde, D.B. Radtke, Jacob Gibbs, and R.T. Iwatsubo: USGS–TWRI book 9, chap. A3. 1998. 75 p.

9–A4. *National field manual for the collection of water-quality data: Collection of water samples*, edited by F.D. Wilde, D.B. Radtke, Jacob Gibbs, and R.T. Iwatsubo: USGS–TWRI book 9, chap. A4. 1999. 156 p.

9–A5. *National field manual for the collection of water-quality data: Processing of water samples*, edited by F.D. Wilde, D.B. Radtke, Jacob Gibbs, and R.T. Iwatsubo: USGS–TWRI book 9, chap. A5. 1999. 149 p.

9–A6. *National field manual for the collection of water-quality data: Field measurements*, edited by F.D. Wilde and D.B. Radtke: USGS–TWRI book 9, chap. A6. 1998. Variously paginated.

9–A7. *National field manual for the collection of water-quality data: Biological indicators*, edited by D.N. Myers and F.D. Wilde: USGS–TWRI book 9, chap. A7. 1997 and 1999. Variously paginated.

9–A8. *National field manual for the collection of water-quality data: Bottom-material samples*, by D.B. Radtke: USGS–TWRI book 9, chap. A8. 1998. 48 p.

9–A9. *National field manual for the collection of water-quality data: Safety in field activities*, by S.L. Lane and R.G. Fay: USGS–TWRI book 9, chap. A9. 1998. 60 p.

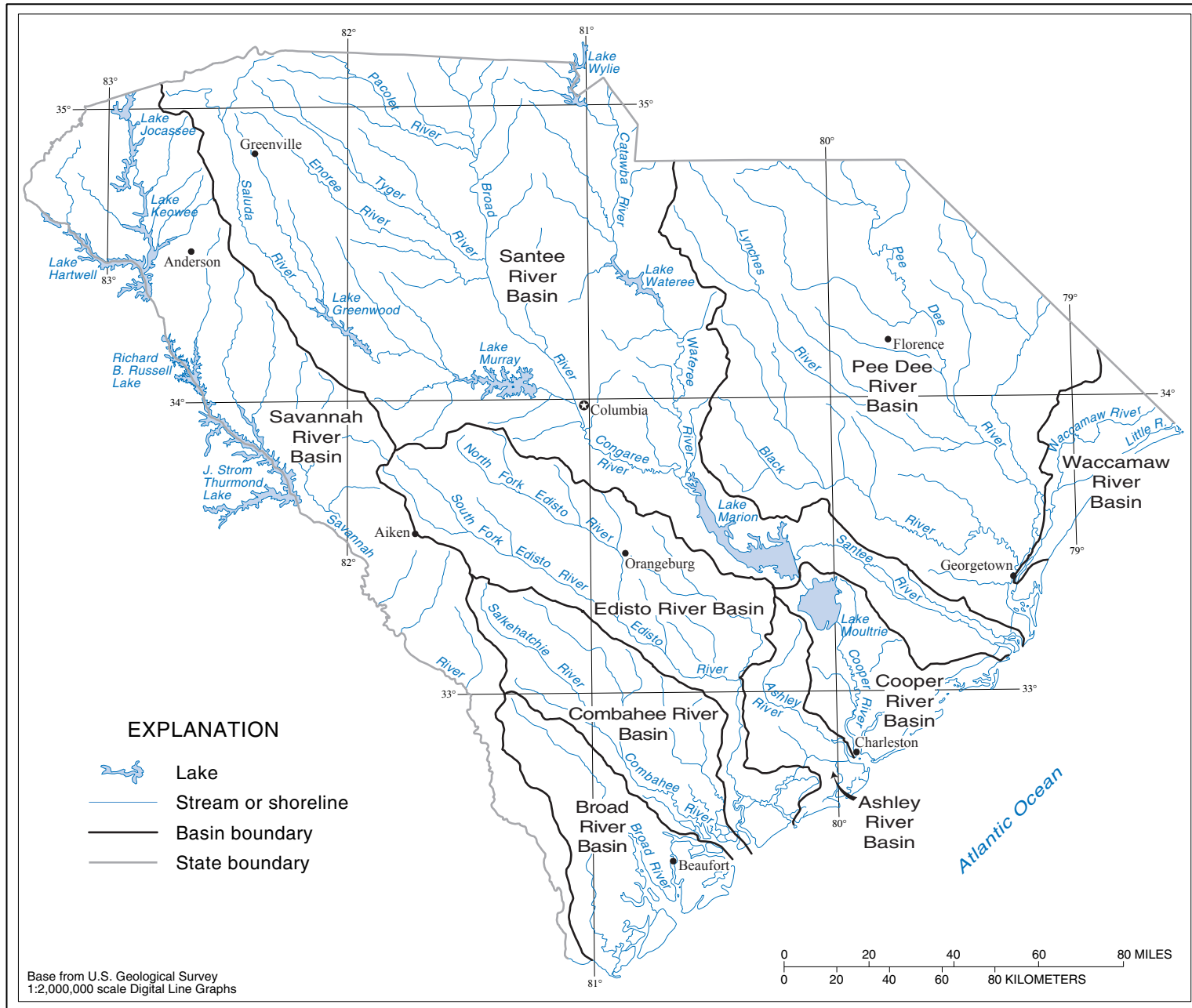


Figure 3.--Major streams, lakes, and basins in South Carolina.

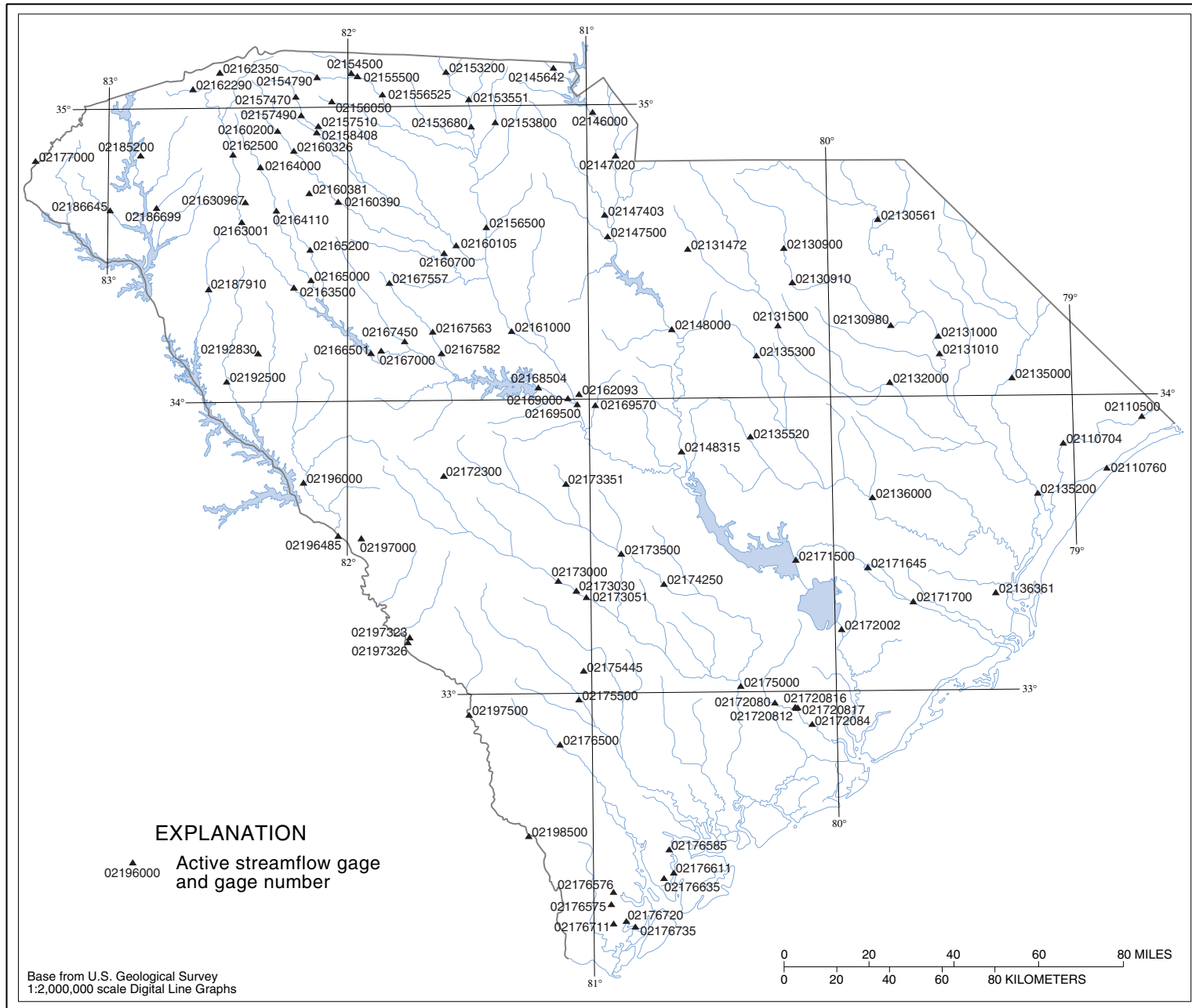


Figure 4.--Location of streamflow gaging stations.

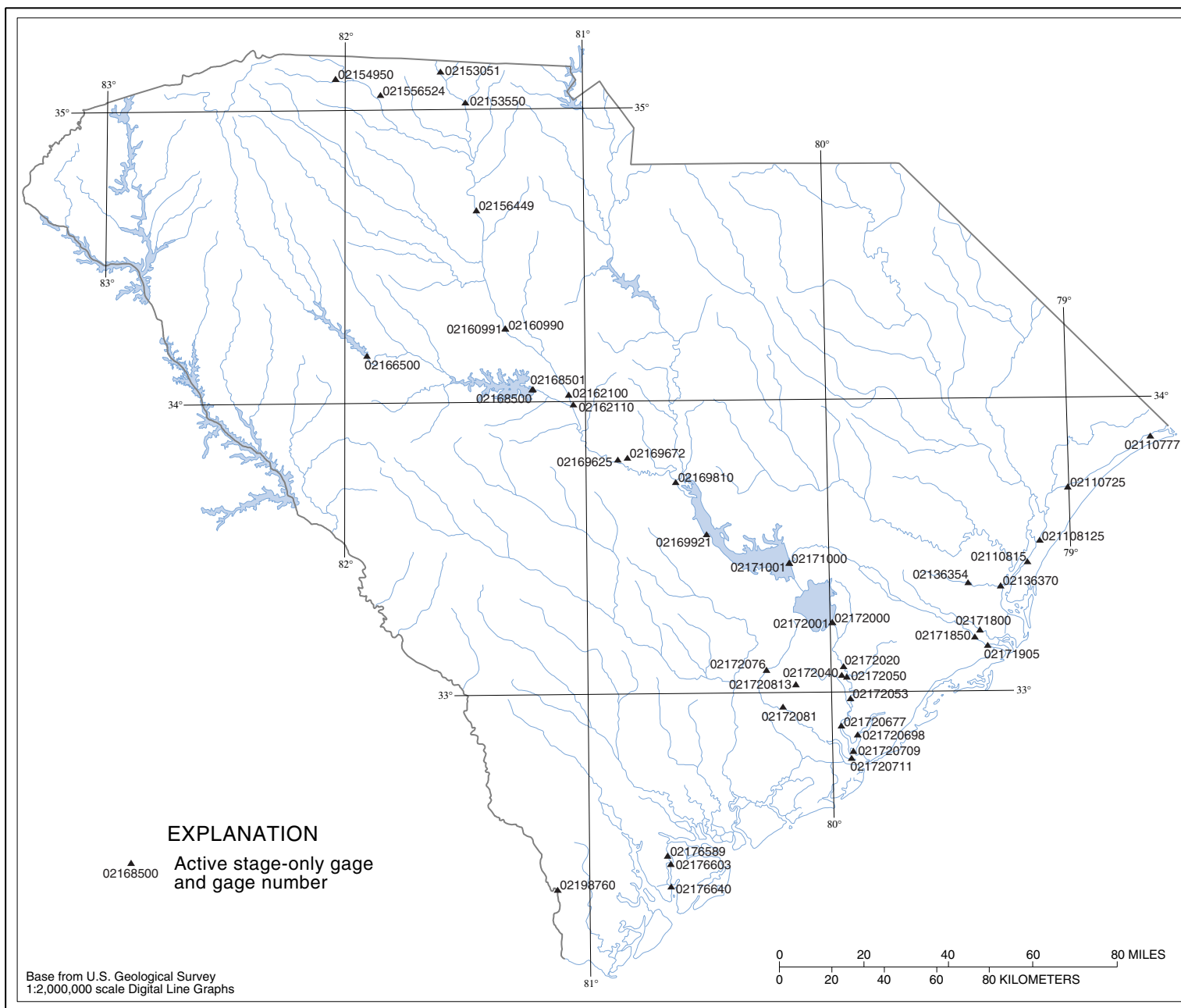


Figure 5.--Location of stage-only gaging stations.

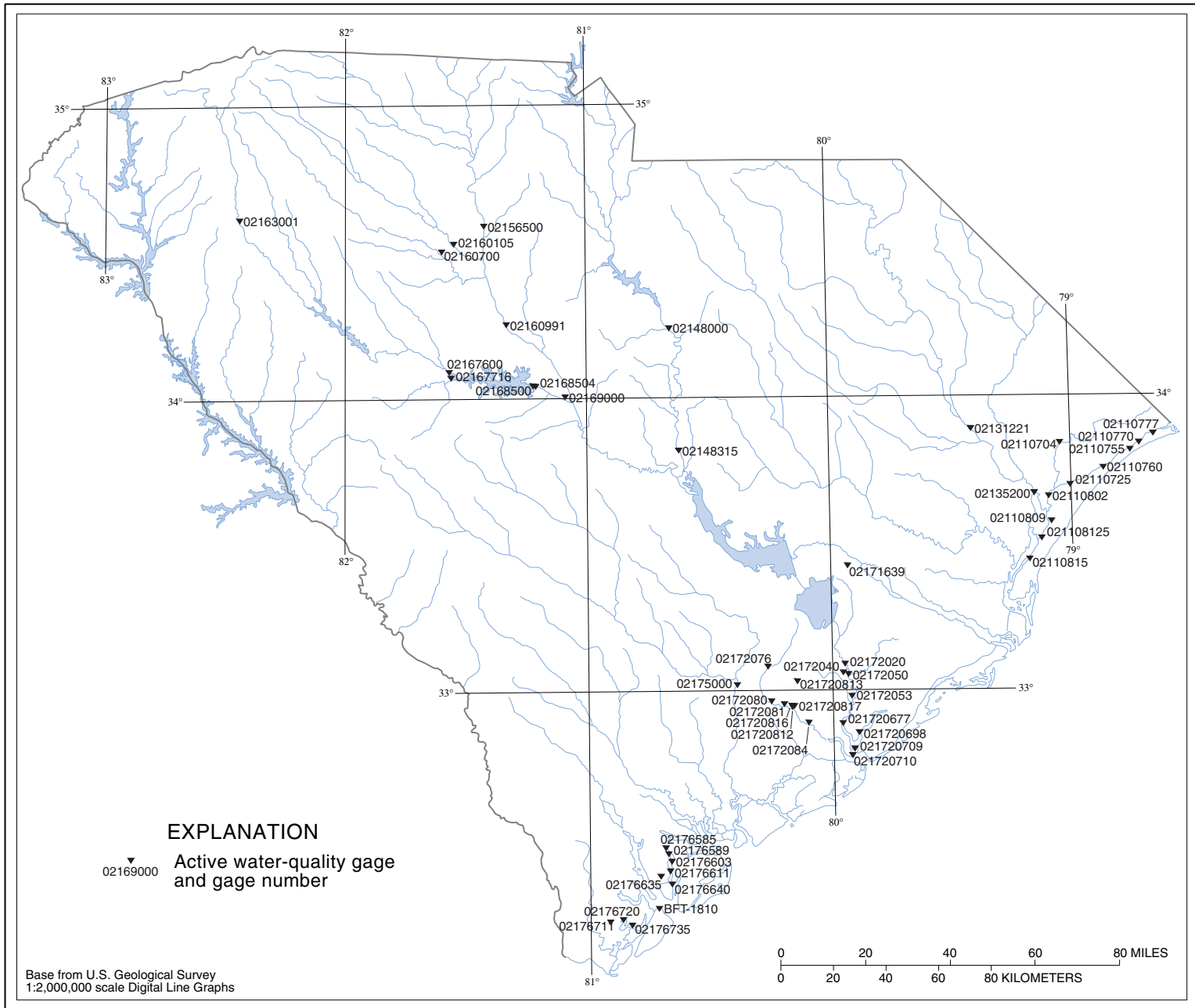


Figure 6.--Location of water-quality gaging stations.

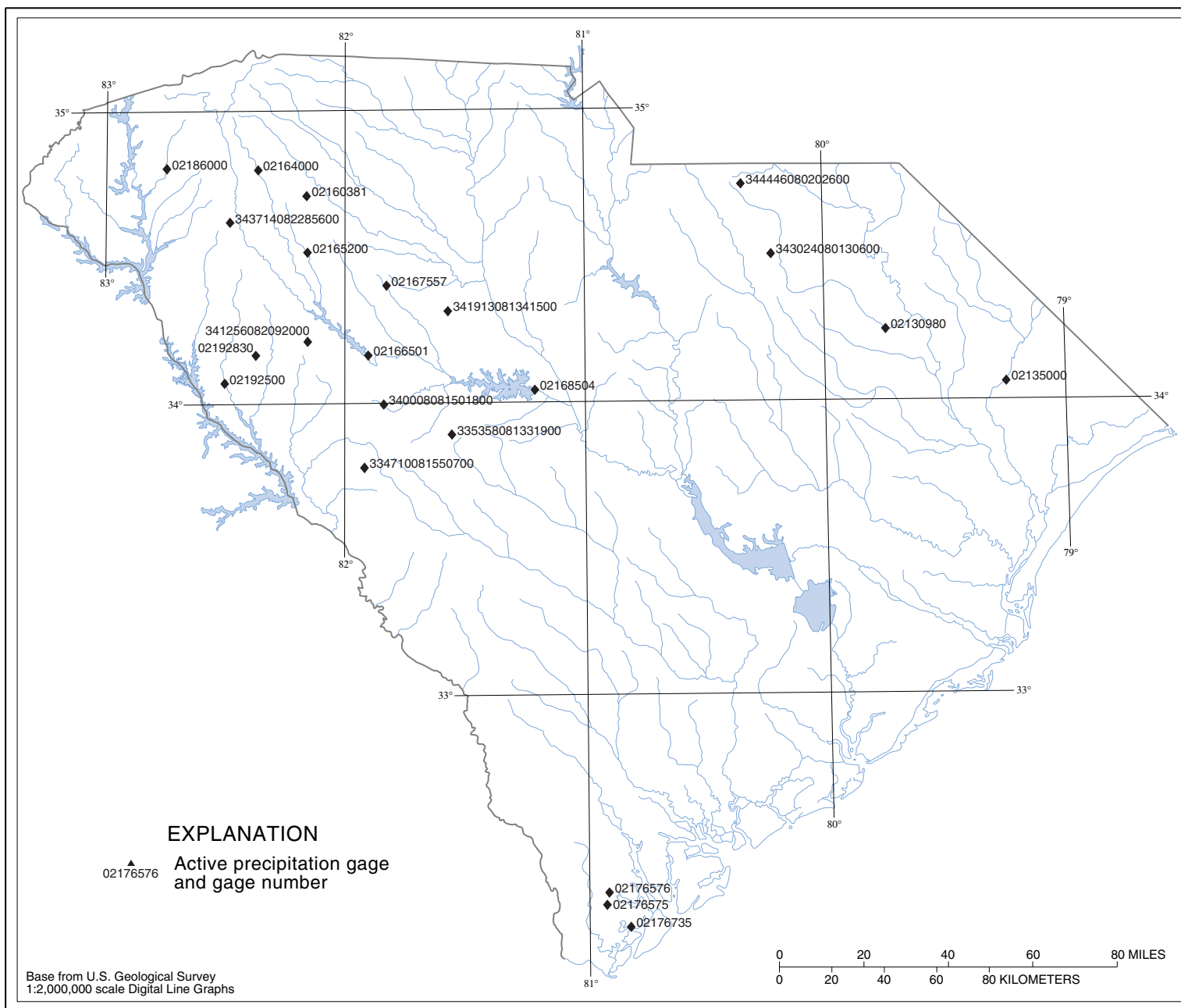


Figure 7.--Location of precipitation stations.

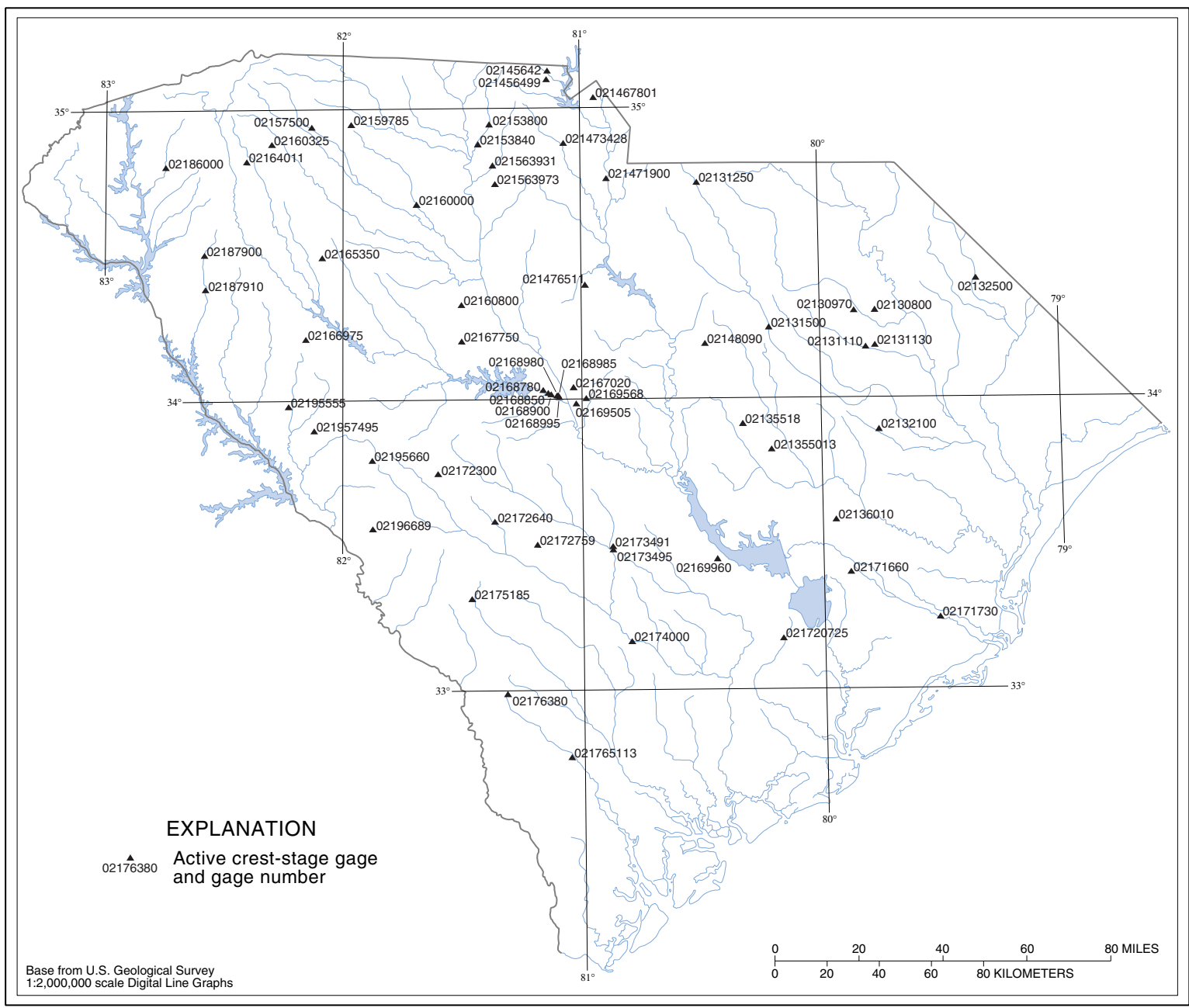


Figure 8.--Location of crest-stage gaging stations.

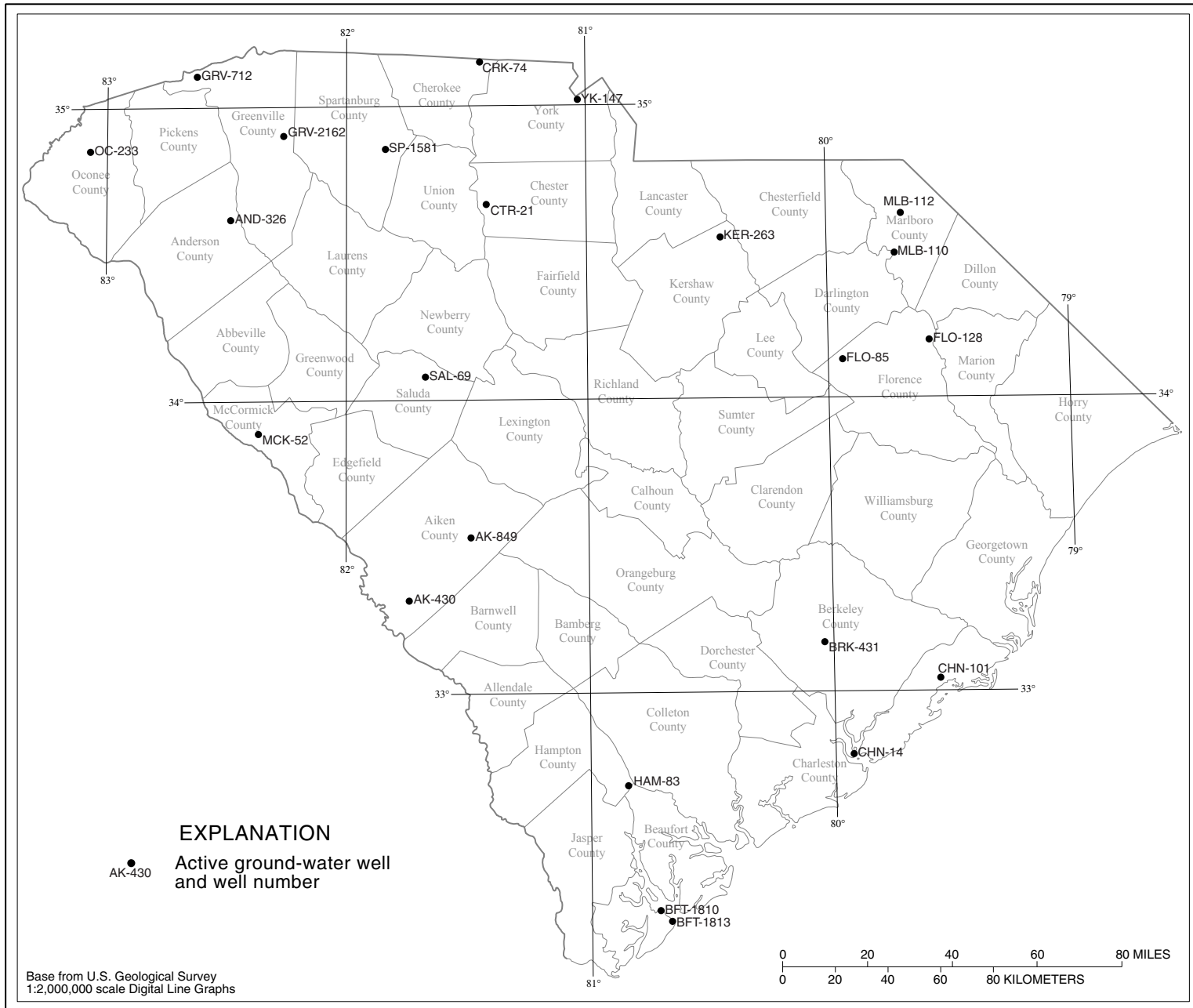


Figure 9.--Location of ground-water wells.

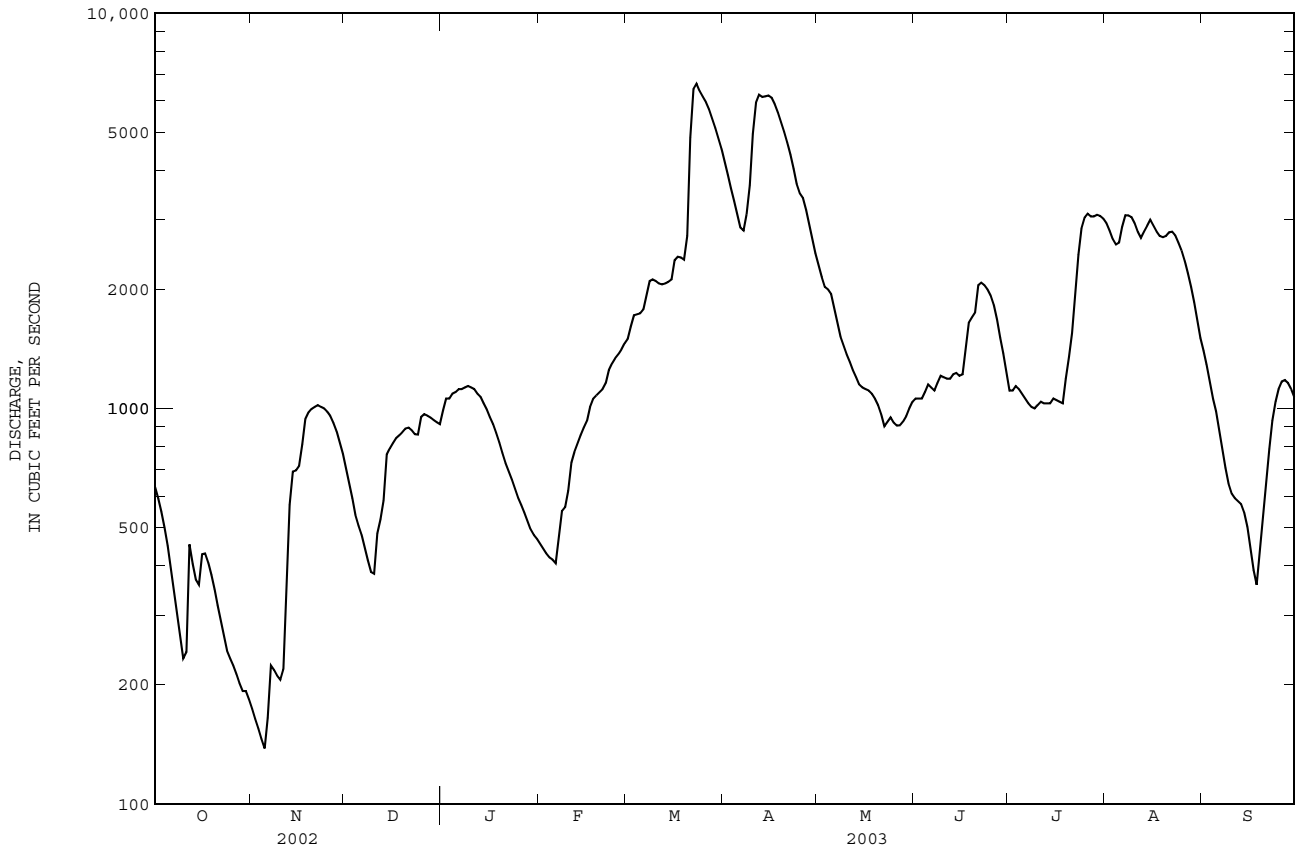
SURFACE WATER RECORDS

02110500 WACCAMAW RIVER NEAR LONGS, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR	FOR 2003 WATER YEAR	WATER YEARS 1950 - 2003	
ANNUAL TOTAL	112268.7	576147	1263	
ANNUAL MEAN	308	1578	2457	1999
HIGHEST ANNUAL MEAN			172	2002
LOWEST ANNUAL MEAN			28100	Sep 23 1999
HIGHEST DAILY MEAN	1170 a Mar 15	6630 Mar 23	1.0	Oct 14 1954
LOWEST DAILY MEAN	7.8 Jun 14	138 Nov 5	2.0	Sep 7 1954
ANNUAL SEVEN-DAY MINIMUM	8.6 Jun 11	161 Oct 31	28200	Sep 22 1999
MAXIMUM PEAK FLOW		6720 Mar 23	17.94	Sep 22 1999
MAXIMUM PEAK STAGE		12.25 Mar 23	1.0	Oct 14 1954
INSTANTANEOUS LOW FLOW		136 Nov 5	1.14	
ANNUAL RUNOFF (CFSM)	0.28	1.42	15.46	
ANNUAL RUNOFF (INCHES)	3.76	19.31		
10 PERCENT EXCEEDS	872	3100	3120	
50 PERCENT EXCEEDS	165	1070	702	
90 PERCENT EXCEEDS	13	395	53	

a Also occurred Mar. 16, 17.

e Estimated



02110704 WACCAMAW RIVER AT CONWAY MARINA AT CONWAY, SC

LOCATION.--Lat 33°49'55'', long 79°02'28'', Horry County, Hydrologic Unit 03040206, on bulkhead of State Highway 501 Business bridge at Conway.

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1994 to current year.

GAGE.--Data collection platform and Acoustic Velocity Meter. Datum of gage is 5.06 ft below NGVD of 1929. Prior to Oct. 5, 1999, at site 1,000 ft downstream, at same datum.

REMARKS.--Records good. 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. Daily mean discharges published for water years 1995-2001.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 24,100 ft³/s, Sep. 25-27, 1999, maximum gage height, 17.64 ft, Sep. 25-27, 1999; minimum discharge, unknown, minimum gage height, 4.15 ft, Aug. 27, 1998.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 6,780 ft³/s, Apr. 14, maximum gage height, 12.50 ft, Apr. 22; minimum discharge, -1,200 ft³/s, Nov. 7; minimum gage height, 5.33 ft, Feb. 5.

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	1920	60	1620	-873	1880	-293	2190	611	1810	-1000	2210	1220
2	1930	-222	1620	-729	1890	-393	2080	725	1800	-1050	2240	1440
3	1860	-666	1620	-755	1900	-355	2020	733	1750	-1070	2530	1850
4	1860	-830	1650	-986	1780	-479	2180	852	1600	-1060	2530	2000
5	1780	-836	1660	-1050	1820	-284	1940	919	1610	-1100	2590	2010
6	1860	-854	1740	-770	1840	-710	2060	1010	1550	-1100	2460	1970
7	1750	-900	1690	-1200	1720	-792	2330	517	1680	-995	2790	2130
8	1690	-739	1700	-789	1690	-863	2180	635	1700	-655	2790	2230
9	1570	-364	1730	-944	1660	-962	2060	466	1690	-804	2780	2330
10	1620	-461	1680	-996	1560	-575	2130	566	1770	-751	2910	2470
11	1510	2	1800	-829	1550	177	2090	300	1760	-615	2850	2310
12	1950	947	1810	-612	1970	-199	2190	524	1860	-454	2910	2360
13	1850	726	2080	229	1930	-444	2160	242	1810	-766	2820	2300
14	1670	620	2170	701	2300	981	1970	147	1820	-464	2790	2270
15	1570	562	1920	1150	2270	410	2000	131	1880	-567	2650	1990
16	1670	649	1850	1110	2230	649	2020	-109	1990	-439	3010	2430
17	1700	1190	1890	1110	2080	396	2180	146	2060	192	3170	2630
18	1680	995	2570	1190	2030	602	1880	-352	2090	384	3420	2710
19	1680	723	2290	1260	1930	592	2100	-180	2120	599	3360	2770
20	1770	338	2190	1220	1850	695	1830	-524	2090	621	4470	2790
21	1710	100	2210	1010	2190	153	1730	-874	2070	715	5460	3980
22	1670	-246	2310	1070	2070	-128	1770	-806	1990	814	5880	4830
23	1670	-534	2360	555	1920	-347	1900	-406	2440	1050	6230	5180
24	1650	-568	2130	510	1940	-90	1790	-746	2440	778	6330	5400
25	1690	-765	2130	244	2170	886	1800	-975	2440	830	6310	5420
26	1690	-864	2030	245	2290	317	1760	-978	2220	766	6480	5580
27	1650	-1080	2030	211	2050	570	1670	-886	2250	960	6490	5510
28	1630	-969	1970	193	2050	812	1640	-1070	2290	1330	6420	5560
29	1590	-1010	1890	384	2120	672	1700	-1020	---	---	6410	5550
30	1650	-851	1970	132	2090	439	1630	-1110	---	---	6260	5480
31	1610	-1010	---	---	2040	558	1720	-989	---	---	6090	5220
MONTH	1950	-1080	2570	-1200	2300	-962	2330	-1110	2440	-1100	6490	1220

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. Dissolved oxygen records rated excellent except for Oct. 1-17, Nov. 25 to Dec. 16, and Aug. 19 to Sep. 10, which are good, and July 28 to Aug. 19, 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, 29.2°C, July 11; minimum, 3.2°C, Jan. 28.

DISSOLVED OXYGEN: Maximum, 12.6 mg/L, Jan. 28, 29; minimum 1.4 mg/L, Sep. 14, 15.

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	26.0	25.4	25.7	19.3	18.4	18.7	9.9	9.1	9.5	9.0	7.8	8.4
2	25.9	25.2	25.6	18.5	17.7	18.0	9.1	8.7	8.8	9.8	9.0	9.3
3	25.9	25.2	25.6	17.7	16.7	17.4	8.8	8.4	8.6	10.5	9.6	10.0
4	26.0	25.4	25.7	17.1	15.0	16.7	8.6	8.0	8.2	10.5	10.2	10.3
5	26.2	25.6	25.8	16.6	15.5	16.3	8.0	7.5	7.7	10.3	9.8	10.1
6	26.5	25.9	26.2	16.6	14.7	16.1	7.7	7.3	7.6	9.9	9.3	9.6
7	26.3	25.8	26.1	16.5	15.4	16.1	7.4	6.9	7.2	9.3	8.2	8.6
8	26.3	25.4	25.9	15.8	14.9	15.4	7.0	6.7	6.9	8.2	7.5	7.9
9	25.8	24.6	25.2	15.3	13.5	14.9	7.2	6.7	6.9	8.4	7.7	8.0
10	25.0	24.2	24.8	15.6	14.3	15.2	6.8	6.7	6.8	9.0	8.2	8.6
11	24.9	23.0	23.9	16.0	15.1	15.7	7.0	6.7	6.8	9.0	8.4	8.8
12	24.3	23.2	23.8	17.3	15.8	16.7	7.2	6.9	7.1	8.9	8.3	8.6
13	24.3	23.2	23.8	17.2	16.1	16.6	8.0	7.2	7.6	8.4	7.9	8.1
14	23.9	22.3	23.3	16.1	14.5	15.3	8.8	8.0	8.5	7.9	7.3	7.5
15	22.3	20.0	21.3	15.1	13.8	14.4	8.8	8.6	8.7	7.4	6.6	6.8
16	20.0	19.0	19.6	14.8	13.9	14.4	---	---	---	6.7	5.9	6.2
17	19.7	19.2	19.4	14.8	14.6	14.8	---	---	---	6.5	6.0	6.2
18	19.4	18.7	18.9	14.6	13.8	14.0	8.6	8.2	8.4	6.3	5.5	5.8
19	18.7	16.7	17.9	13.8	12.6	13.2	8.7	8.4	8.5	5.8	5.1	5.4
20	18.8	16.5	17.8	13.4	12.5	13.0	9.8	8.7	9.4	5.4	4.7	5.1
21	19.3	17.4	18.7	13.1	12.7	12.9	10.0	9.6	9.8	5.9	5.0	5.5
22	19.1	18.5	19.0	13.0	12.7	12.9	10.0	9.6	9.8	6.0	5.4	5.8
23	19.0	18.3	18.7	12.9	12.1	12.4	10.0	9.6	9.8	5.5	4.8	5.4
24	19.0	18.3	18.8	12.2	11.4	11.9	9.9	9.5	9.7	4.8	4.4	4.7
25	18.9	18.0	18.7	11.9	11.2	11.6	9.6	9.3	9.5	4.5	4.1	4.3
26	19.0	18.3	18.8	11.7	11.1	11.4	9.3	8.6	8.8	4.3	4.0	4.2
27	19.4	18.8	19.1	11.5	11.1	11.3	8.6	8.1	8.3	4.0	3.5	3.8
28	19.9	19.2	19.5	11.3	10.6	10.8	8.1	7.6	7.7	4.1	3.2	3.6
29	20.2	19.7	19.8	10.7	10.2	10.3	7.6	7.1	7.3	4.3	3.5	3.9
30	19.9	19.6	19.7	10.2	9.7	9.9	7.5	7.0	7.2	5.3	4.3	4.7
31	19.6	19.0	19.2	---	---	---	7.8	7.2	7.4	5.4	4.9	5.2
MONTH	26.5	16.5	21.8	19.3	9.7	14.3	---	---	---	10.5	3.2	6.8

WACCAMAW RIVER BASIN

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

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	6.2	5.4	5.8	10.7	10.2	10.4	---	---	---	19.9	19.6	19.8
2	6.9	6.0	6.5	11.3	10.2	10.6	16.5	15.7	16.1	20.6	19.6	20.1
3	7.6	6.6	7.1	11.9	11.1	11.5	17.0	16.1	16.6	20.9	20.3	20.6
4	8.6	7.5	8.1	12.1	11.8	12.0	17.5	16.7	17.1	20.6	20.1	20.5
5	9.0	8.3	8.6	12.9	12.1	12.5	18.1	17.2	17.7	20.1	19.5	19.8
6	8.8	8.6	8.7	13.6	12.9	13.2	18.1	17.8	18.0	20.1	19.5	19.8
7	8.6	8.3	8.5	13.9	13.0	13.5	17.8	17.1	17.5	21.0	19.9	20.4
8	8.6	8.2	8.4	13.0	12.4	12.8	17.1	16.0	16.6	22.0	20.9	21.4
9	8.6	8.2	8.5	12.8	12.6	12.7	16.0	14.6	15.3	23.1	21.9	22.5
10	8.7	8.4	8.6	13.2	12.6	12.9	14.8	13.3	13.9	24.1	22.9	23.5
11	8.9	8.3	8.6	13.6	12.9	13.2	13.5	12.6	13.0	24.6	23.9	24.2
12	8.9	8.4	8.7	14.4	13.5	13.9	13.4	12.0	12.9	24.7	24.1	24.4
13	9.1	8.5	8.8	14.8	14.3	14.6	14.4	12.9	13.7	24.4	23.7	24.1
14	8.9	8.5	8.7	15.4	14.8	15.1	15.3	14.3	14.8	24.1	23.4	23.7
15	9.3	8.5	8.9	15.2	14.8	15.0	16.2	15.3	15.7	23.7	22.7	23.1
16	9.5	9.1	9.3	15.2	14.6	14.9	16.8	16.0	16.4	22.7	22.3	22.5
17	9.2	8.7	8.9	15.5	15.1	15.3	17.4	16.6	17.0	22.5	21.8	22.1
18	8.7	8.3	8.5	16.3	15.4	15.8	17.9	17.4	17.6	21.8	21.6	21.7
19	8.8	8.1	8.5	16.5	16.1	16.3	18.2	17.8	18.0	21.8	21.2	21.5
20	8.9	8.4	8.7	16.9	16.3	16.6	18.2	17.8	18.0	21.7	20.9	21.3
21	9.9	8.8	9.1	17.7	16.9	17.3	18.4	17.9	18.2	21.7	21.1	21.5
22	11.7	9.7	10.4	18.4	17.5	17.9	19.1	18.4	18.7	21.7	21.3	21.5
23	12.9	11.6	12.1	18.2	17.9	18.1	19.0	18.6	18.8	21.6	21.2	21.4
24	13.2	12.0	12.6	18.3	17.6	17.9	18.8	18.3	18.6	21.8	21.1	21.5
25	13.4	12.7	13.0	18.3	17.7	18.0	18.5	18.2	18.4	22.1	21.5	21.8
26	13.0	12.4	12.7	18.5	17.8	18.1	18.4	18.0	18.2	22.7	21.9	22.3
27	12.4	11.3	11.9	18.4	18.2	18.4	18.7	18.1	18.4	22.8	22.4	22.6
28	11.3	10.7	10.9	18.4	17.9	18.2	19.0	18.2	18.6	23.2	22.5	22.8
29	---	---	---	---	---	---	19.4	18.6	19.0	23.5	22.9	23.2
30	---	---	---	---	---	---	20.0	19.1	19.5	23.9	22.9	23.3
31	---	---	---	---	---	---	---	---	---	23.9	23.3	23.6
MONTH	13.4	5.4	9.3	---	---	---	---	---	---	24.7	19.5	22.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	24.0	23.5	23.7	26.5	26.2	26.4	26.6	26.2	26.4	27.8	27.2	27.5
2	23.8	23.4	23.6	26.2	25.9	26.0	27.0	26.2	26.6	27.6	27.2	27.4
3	23.8	23.5	23.6	26.4	25.6	26.0	26.9	26.6	26.7	27.6	27.2	27.4
4	23.6	23.4	23.5	26.8	25.9	26.3	26.9	26.4	26.6	27.9	27.1	27.5
5	24.1	23.4	23.8	26.9	26.1	26.5	27.0	26.4	26.7	27.7	27.3	27.5
6	24.5	23.6	24.1	27.3	26.3	26.8	26.8	26.4	26.6	27.4	26.3	26.8
7	24.7	24.2	24.5	27.6	26.6	27.1	26.4	25.8	26.2	26.3	25.5	25.8
8	24.7	24.3	24.5	28.0	26.9	27.4	26.2	25.5	25.9	25.5	24.9	25.2
9	25.1	24.2	24.6	28.7	27.5	28.1	26.5	25.9	26.2	24.9	24.5	24.8
10	25.4	24.6	25.0	29.0	28.3	28.6	26.7	26.1	26.3	24.9	24.3	24.6
11	25.9	25.0	25.5	29.2	28.6	28.9	26.7	26.1	26.4	24.4	23.9	24.1
12	26.2	25.6	25.9	29.1	27.2	28.5	26.8	26.2	26.5	24.1	23.7	24.0
13	26.6	25.8	26.2	27.4	26.9	27.1	26.8	26.3	26.5	24.0	23.3	23.8
14	26.9	26.2	26.5	27.1	25.8	26.4	26.8	26.3	26.6	24.2	23.3	23.7
15	27.6	26.6	27.1	26.5	25.4	26.0	27.1	26.4	26.7	24.5	23.7	24.2
16	27.7	27.1	27.4	27.0	25.9	26.5	27.1	26.6	26.8	24.7	24.1	24.5
17	27.1	26.4	26.8	27.1	26.4	26.7	27.0	26.4	26.7	24.7	24.2	24.5
18	26.4	26.0	26.2	27.0	26.4	26.7	26.9	26.4	26.6	24.6	23.4	23.9
19	26.1	25.6	25.9	26.9	26.4	26.6	26.8	26.1	26.5	24.0	23.1	23.5
20	25.6	25.2	25.4	26.5	26.0	26.2	26.8	26.3	26.5	24.8	23.6	24.0
21	25.4	24.9	25.2	26.0	25.4	25.7	26.8	26.2	26.5	24.4	23.8	24.1
22	25.0	24.3	24.7	26.2	25.3	25.7	26.9	26.3	26.6	24.4	23.8	24.1
23	24.8	24.1	24.4	25.7	25.4	25.5	27.0	26.3	26.7	24.6	24.0	24.3
24	25.0	24.0	24.5	25.4	25.0	25.2	26.8	26.3	26.6	24.5	23.9	24.2
25	25.1	24.2	24.7	25.0	24.7	24.9	26.6	26.1	26.3	24.5	23.9	24.2
26	25.6	24.6	25.1	24.7	24.5	24.6	26.8	26.1	26.4	24.3	23.6	23.9
27	26.0	25.1	25.5	25.3	24.4	24.8	27.1	26.4	26.7	23.6	23.4	23.5
28	26.2	25.6	25.9	25.7	24.9	25.3	27.4	26.6	27.0	23.6	23.2	23.4
29	26.3	25.7	26.0	26.4	25.5	25.9	27.6	26.8	27.2	23.3	22.7	23.0
30	26.7	25.9	26.3	26.6	26.0	26.3	27.7	27.0	27.3	22.7	22.1	22.3
31	---	---	---	26.6	26.3	26.4	27.8	27.2	27.5	---	---	---
MONTH	27.7	23.4	25.2	29.2	24.4	26.4	27.8	25.5	26.6	27.9	22.1	24.7

WACCAMAW RIVER BASIN

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

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	3.2	2.4	3.0	4.8	4.5	4.6	7.9	7.6	7.7	9.9	9.6	9.8			
2	3.1	2.4	3.0	4.9	4.4	4.7	8.1	7.7	7.9	9.6	9.0	9.3			
3	3.2	2.9	3.1	5.1	4.4	4.8	8.5	8.0	8.1	9.2	8.7	9.0			
4	3.3	2.8	3.1	5.1	4.6	5.0	8.4	8.2	8.3	8.8	8.4	8.7			
5	3.2	3.0	3.1	5.2	4.9	5.1	8.5	8.3	8.4	8.7	8.5	8.6			
6	3.2	3.0	3.1	5.6	5.2	5.3	8.8	8.4	8.6	8.8	8.5	8.6			
7	3.1	2.8	3.0	5.9	5.5	5.7	8.9	8.7	8.8	9.2	8.8	9.1			
8	3.3	2.5	2.9	5.8	4.7	5.4	9.1	8.7	8.9	9.5	9.2	9.4			
9	2.8	2.3	2.6	6.2	5.0	5.7	9.2	9.0	9.1	9.7	9.4	9.5			
10	2.9	2.2	2.7	6.1	5.2	5.8	9.4	9.2	9.3	9.6	9.4	9.5			
11	3.8	2.3	3.1	6.2	5.0	5.7	9.5	9.4	9.5	9.5	9.2	9.4			
12	3.8	3.1	3.3	6.1	4.5	5.5	9.7	9.1	9.4	9.4	9.2	9.3			
13	3.3	3.0	3.2	6.0	4.7	5.6	9.6	9.3	9.5	9.4	9.2	9.3			
14	3.3	3.1	3.2	6.2	5.4	5.9	9.4	9.0	9.2	9.8	9.4	9.6			
15	3.9	3.1	3.6	6.2	5.8	6.0	9.1	8.6	8.9	10.3	9.7	10.0			
16	3.9	3.8	3.8	6.2	5.6	5.9	---	---	---	10.6	10.2	10.4			
17	4.2	3.8	4.0	6.3	5.6	5.9	---	---	---	10.7	10.4	10.6			
18	4.3	4.1	4.2	6.7	6.1	6.3	9.8	9.7	9.7	10.9	10.6	10.7			
19	4.7	4.2	4.4	6.7	6.3	6.5	9.8	9.6	9.7	11.1	10.7	10.9			
20	4.8	4.5	4.6	6.8	6.4	6.5	9.7	9.4	9.5	11.3	10.9	11.1			
21	4.7	4.4	4.6	6.8	6.5	6.7	9.4	8.9	9.1	11.4	11.1	11.2			
22	4.9	4.4	4.6	6.9	6.5	6.7	9.2	8.8	9.0	11.5	11.1	11.3			
23	4.9	4.2	4.6	7.1	6.6	6.9	9.1	8.9	9.0	11.6	11.3	11.4			
24	4.9	4.2	4.7	7.2	6.7	7.0	9.1	8.9	9.0	11.7	11.4	11.6			
25	4.9	4.4	4.8	7.2	6.8	7.0	9.2	9.0	9.1	11.7	11.5	11.6			
26	4.9	4.2	4.7	7.0	6.9	6.9	9.4	9.0	9.2	11.8	11.6	11.7			
27	4.8	4.5	4.7	7.3	6.9	7.1	9.4	9.2	9.3	12.3	11.8	12.1			
28	4.7	4.1	4.6	7.5	7.1	7.3	9.6	9.4	9.5	12.6	12.1	12.4			
29	4.9	4.5	4.7	7.4	7.2	7.4	9.9	9.6	9.7	12.6	12.3	12.4			
30	4.6	4.5	4.6	7.7	7.3	7.5	10.0	9.7	9.9	12.4	11.9	12.2			
31	4.8	4.5	4.6	---	---	---	10.1	9.9	10.0	12.2	11.8	11.9			
MONTH	4.9	2.2	3.8	7.7	4.4	6.1	---	---	---	12.6	8.4	10.4			

DAY	MAX	MIN	MEAN	FEBRUARY			MARCH			APRIL			MAY		
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	11.8	11.3	11.5	7.8	7.5	7.7	---	---	---	2.8	2.6	2.7			
2	11.3	10.9	11.1	8.0	7.7	7.9	3.3	3.1	3.3	2.7	2.5	2.6			
3	10.9	10.4	10.8	7.9	7.4	7.6	3.4	3.2	3.3	2.7	2.4	2.5			
4	10.6	10.0	10.3	7.6	7.2	7.3	3.4	3.3	3.4	2.8	2.6	2.7			
5	10.1	9.7	9.9	7.4	7.0	7.2	3.4	3.2	3.3	3.0	2.7	2.8			
6	9.9	9.5	9.7	7.1	6.8	6.9	3.3	3.1	3.2	2.8	2.6	2.8			
7	9.8	9.4	9.6	6.8	6.6	6.7	3.6	3.1	3.3	2.8	2.5	2.6			
8	9.7	9.4	9.6	6.9	6.7	6.8	3.7	3.2	3.5	2.6	2.4	2.5			
9	9.6	9.2	9.5	7.0	6.7	6.8	4.7	3.6	4.2	2.6	2.1	2.4			
10	9.6	9.2	9.5	6.9	6.6	6.8	5.8	4.5	5.2	2.5	2.0	2.3			
11	9.6	9.2	9.4	6.8	6.5	6.7	5.8	5.3	5.5	2.4	2.0	2.2			
12	9.6	9.3	9.4	6.6	6.3	6.5	6.1	5.3	5.6	2.4	2.0	2.3			
13	9.6	9.2	9.4	6.4	6.1	6.2	5.9	5.2	5.4	2.5	2.3	2.4			
14	9.5	9.0	9.4	6.1	5.7	5.9	5.2	4.9	5.0	2.6	2.4	2.5			
15	9.5	9.1	9.3	6.0	5.7	5.8	4.9	4.6	4.8	2.8	2.5	2.7			
16	9.4	9.0	9.2	6.1	5.8	6.0	4.6	4.3	4.5	2.9	2.7	2.8			
17	---	---	---	5.8	5.5	5.7	4.3	4.0	4.2	3.1	2.8	2.9			
18	9.2	8.9	9.1	5.6	5.2	5.4	4.1	3.9	4.0	3.3	3.0	3.1			
19	9.1	8.7	9.0	5.2	4.8	5.0	3.9	3.6	3.8	3.3	3.1	3.2			
20	9.2	8.8	9.0	5.4	4.7	5.1	3.7	3.5	3.6	3.2	2.9	3.1			
21	9.2	8.9	9.1	5.4	4.9	5.2	3.6	3.3	3.5	3.1	3.0	3.0			
22	9.0	8.6	8.8	4.9	4.4	4.7	3.4	3.1	3.3	3.3	3.0	3.1			
23	8.6	7.7	8.3	4.4	3.8	4.1	3.2	3.0	3.1	3.8	3.1	3.6			
24	8.0	7.5	7.8	3.8	3.4	3.6	3.1	3.0	3.1	4.0	3.6	3.8			
25	7.7	7.4	7.5	3.5	3.1	3.3	3.4	2.9	3.2	3.9	3.7	3.8			
26	7.5	7.2	7.4	3.2	3.0	3.1	3.2	3.0	3.1	3.9	3.7	3.8			
27	7.5	7.3	7.4	3.1	2.9	3.0	3.1	2.9	3.0	3.8	3.7	3.7			
28	7.7	7.4	7.6	3.0	2.8	2.9	3.1	2.8	3.0	4.0	3.5	3.7			
29	---	---	---	---	---	---	3.0	2.7	2.9	3.8	3.3	3.7			
30	---	---	---	---	---	---	2.9	2.7	2.8	3.8	3.2	3.6			
31	---	---	---	---	---	---	---	---	---	4.0	3.2	3.6			
MONTH	---	---	---	---	---	---	---	---	---	4.0	2.0	3.0			

WACCAMAW RIVER BASIN

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

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	4.2	3.6	3.9	2.9	2.7	2.8	3.1	2.9	3.0	2.4	2.0	2.2
2	4.2	3.6	4.0	2.9	2.7	2.8	3.0	2.8	2.9	2.3	1.8	2.0
3	4.2	3.6	3.9	3.0	2.8	2.9	3.0	2.8	2.9	2.0	1.8	1.9
4	4.2	4.0	4.1	3.6	2.9	3.1	3.1	2.8	2.9	2.0	1.7	1.9
5	4.2	4.0	4.1	3.6	3.3	3.5	2.9	2.6	2.7	2.2	1.9	2.0
6	4.0	3.8	3.9	3.6	3.3	3.5	3.0	2.6	2.8	2.3	1.9	2.2
7	4.1	3.8	4.0	3.6	3.2	3.4	3.5	2.8	3.1	2.5	2.2	2.4
8	4.2	3.8	4.0	3.4	2.8	3.2	3.8	3.1	3.5	2.6	2.2	2.4
9	4.3	3.9	4.1	3.1	2.5	2.9	3.4	2.9	3.2	2.6	2.0	2.3
10	4.0	3.7	3.9	3.0	2.7	2.8	3.2	2.8	3.0	2.6	1.8	2.4
11	3.8	3.4	3.6	3.0	2.6	2.9	3.1	2.8	3.0	2.6	2.0	2.3
12	3.4	3.2	3.3	4.0	2.6	3.3	2.9	2.6	2.8	2.4	1.8	2.2
13	3.2	2.9	3.1	4.0	3.3	3.6	2.8	2.5	2.6	2.5	1.6	2.2
14	3.1	2.9	3.0	4.0	3.4	3.6	2.7	2.5	2.6	2.6	1.4	2.2
15	3.0	2.8	2.9	3.9	3.4	3.6	2.6	2.4	2.5	2.7	1.4	2.3
16	3.4	2.7	3.0	3.6	3.2	3.4	2.7	2.4	2.6	2.8	1.8	2.5
17	3.4	3.1	3.2	3.5	3.2	3.3	2.7	2.4	2.6	3.0	2.5	2.7
18	3.2	2.9	3.0	3.4	3.3	3.4	2.7	2.3	2.5	3.8	3.0	3.3
19	3.5	3.0	3.3	4.1	3.4	3.7	2.7	2.2	2.5	3.8	3.3	3.6
20	3.7	3.4	3.5	4.2	3.8	4.0	2.3	2.2	2.2	3.8	3.3	3.6
21	---	---	---	4.4	4.1	4.3	2.2	2.1	2.2	3.6	3.2	3.5
22	3.5	3.3	3.4	4.3	3.9	4.1	2.5	2.1	2.3	3.4	3.0	3.3
23	3.5	3.2	3.4	4.1	3.6	3.9	2.5	2.3	2.4	3.6	3.0	3.4
24	3.4	3.2	3.3	4.3	4.0	4.2	2.5	2.3	2.4	3.7	3.2	3.6
25	3.3	3.2	3.3	4.2	4.0	4.1	2.5	2.4	2.4	3.9	3.7	3.8
26	3.4	3.1	3.3	4.1	3.9	4.0	2.4	2.2	2.3	4.0	3.7	3.9
27	3.4	3.1	3.2	4.0	3.7	3.8	2.4	2.2	2.3	4.0	3.9	4.0
28	3.4	3.1	3.2	3.7	3.4	3.5	2.4	2.2	2.3	4.2	3.9	4.0
29	3.4	3.0	3.2	3.4	3.2	3.3	2.4	2.2	2.3	4.2	3.8	4.1
30	3.2	2.9	3.0	3.2	3.0	3.1	2.3	2.1	2.2	4.2	4.0	4.2
31	---	---	---	3.1	2.9	3.0	2.4	2.0	2.2	---	---	---
MONTH	---	---	---	4.4	2.5	3.5	3.8	2.0	2.6	4.2	1.4	2.9

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, 16.03 ft, Apr. 22; minimum gage height, 8.78 ft, Jan. 21.

DAY	Gage height, feet											
	WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003											
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	12.67	10.79	12.02	12.69	10.62	11.87	12.42	9.66	11.30	12.99	10.82	12.14
2	12.54	10.34	11.77	12.72	10.73	11.92	12.63	9.99	11.59	12.83	10.60	11.95
3	12.42	9.95	11.47	12.74	10.67	11.89	12.55	9.95	11.42	12.99	10.80	12.17
4	12.50	10.01	11.42	12.75	10.35	11.82	12.71	10.04	11.72	12.88	10.77	12.13
5	12.52	10.17	11.54	12.81	10.30	11.93	12.81	10.50	11.85	12.99	11.24	12.36
6	12.58	10.21	11.60	12.96	10.48	11.97	12.63	9.69	11.47	12.83	11.06	12.08
7	12.71	10.54	11.86	12.61	9.48	11.36	12.56	9.91	11.46	12.47	9.96	11.37
8	12.85	10.81	12.12	12.75	10.36	11.83	12.46	9.75	11.28	12.33	10.24	11.41
9	12.96	11.30	12.32	12.68	10.15	11.68	12.52	9.76	11.39	12.29	10.20	11.42
10	12.94	11.20	12.33	12.56	10.14	11.61	12.86	10.91	12.13	12.12	10.09	11.25
11	13.30	11.71	12.64	12.37	10.04	11.40	12.79	10.73	12.16	12.32	10.03	11.42
12	12.86	11.06	12.23	12.47	10.07	11.40	12.19	10.03	11.26	12.29	10.38	11.44
13	12.87	11.01	12.20	12.40	9.98	11.29	12.71	9.83	11.76	12.38	10.12	11.35
14	13.07	11.46	12.44	12.70	10.30	11.79	12.46	10.01	11.30	12.20	9.74	11.18
15	13.53	12.50	13.07	12.81	11.17	12.20	12.26	9.50	11.19	12.07	9.66	11.02
16	13.44	12.79	13.15	12.88	11.38	12.29	12.31	9.98	11.23	12.36	9.56	11.22
17	13.13	12.17	12.78	12.95	11.44	12.23	12.55	9.88	11.56	12.26	9.72	11.14
18	12.99	11.85	12.60	12.58	10.27	11.59	12.79	10.65	11.97	12.51	9.52	11.30
19	12.93	11.55	12.43	12.81	10.63	11.95	12.87	10.91	12.14	12.20	9.45	10.88
20	12.88	11.28	12.26	12.81	10.75	12.00	12.88	10.84	11.98	11.75	8.87	10.33
21	12.78	10.92	12.04	12.87	10.74	12.07	12.31	9.43	11.03	11.94	8.78	10.43
22	12.83	10.90	12.04	12.78	10.70	11.82	12.32	9.59	11.04	12.35	9.15	11.03
23	12.78	10.70	11.96	12.52	9.79	11.27	12.34	9.46	11.05	12.36	9.27	11.23
24	12.75	10.63	11.96	12.55	10.00	11.44	12.74	10.13	11.83	11.66	8.92	10.42
25	12.71	10.47	11.89	12.47	9.94	11.39	12.76	9.92	11.82	12.11	9.12	10.85
26	12.62	10.50	11.76	12.52	10.12	11.51	12.35	9.90	11.18	12.23	9.15	10.90
27	12.56	10.10	11.58	12.46	10.24	11.54	12.63	10.35	11.93	11.83	9.00	10.54
28	12.60	10.32	11.70	12.70	10.35	11.80	12.65	10.73	11.85	12.30	9.15	11.02
29	12.55	10.15	11.61	12.70	10.75	11.97	12.52	10.45	11.61	12.27	9.44	10.97
30	12.55	10.36	11.71	12.39	10.19	11.45	12.68	10.27	11.81	12.31	9.23	11.00
31	12.63	10.27	11.65	---	---	---	12.78	10.55	11.93	12.40	9.50	11.12
MONTH	13.53	9.95	12.07	12.96	9.48	11.74	12.88	9.43	11.59	12.99	8.78	11.26

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 fair except for Apr. 24 to June 25, which are good, and Nov. 21 to Dec. 5, and June 25 to July 9, which are poor. Dissolved oxygen concentrations are not corrected for salinity.

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, 29.8°C, July 9; minimum, 4.5°C, Jan. 28.

DISSOLVED OXYGEN: Maximum, 9.8 mg/L, Jan. 27-30; minimum, 0.9 mg/L, Apr. 24, 25.

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	26.6	26.0	26.3	19.4	18.7	19.0	10.7	10.2	10.5	9.9	9.0	9.5
2	26.6	25.8	26.1	18.7	17.9	18.2	10.2	9.8	10.0	10.2	9.8	10.0
3	26.7	25.9	26.2	17.9	17.1	17.4	10.1	9.7	9.9	10.5	10.1	10.3
4	26.8	26.2	26.4	17.1	16.7	16.8	9.9	9.2	9.5	10.2	9.7	10.0
5	26.9	26.3	26.6	16.7	16.3	16.4	9.2	8.7	8.9	9.7	9.2	9.4
6	27.1	26.6	26.8	17.2	16.5	16.8	8.7	8.3	8.5	9.6	9.0	9.2
7	27.2	26.6	26.9	16.6	16.0	16.2	8.3	7.9	8.1	9.1	8.6	8.9
8	27.0	26.2	26.6	16.1	15.5	15.8	8.1	7.7	7.9	8.8	8.2	8.6
9	26.2	25.6	25.9	16.2	15.5	15.8	7.9	7.7	7.8	9.2	8.4	8.8
10	25.8	25.1	25.5	16.4	15.9	16.1	7.8	7.6	7.7	9.7	9.0	9.3
11	25.5	24.8	25.2	17.1	16.3	16.7	7.8	7.6	7.7	9.6	9.0	9.2
12	25.1	24.3	24.7	17.6	16.8	17.1	8.4	7.6	7.9	9.1	8.5	8.8
13	24.8	24.2	24.5	17.8	16.8	17.2	9.2	8.0	8.4	8.7	8.3	8.4
14	24.5	23.5	24.1	16.8	15.9	16.4	9.2	8.8	9.0	8.6	8.0	8.2
15	23.6	22.0	22.8	15.9	15.5	15.7	9.0	8.5	8.8	8.9	7.8	8.2
16	22.3	21.4	21.9	16.0	15.7	15.8	9.2	8.4	8.7	8.1	7.6	7.8
17	21.4	20.9	21.1	16.0	15.6	15.8	9.0	8.5	8.7	8.0	7.7	7.9
18	21.0	20.3	20.5	15.6	14.7	15.2	8.9	8.7	8.8	7.7	7.2	7.4
19	20.3	19.5	19.8	14.7	14.0	14.3	9.3	8.9	9.0	7.2	6.4	6.7
20	19.8	19.3	19.6	14.1	13.9	14.0	10.4	9.3	9.9	6.6	5.9	6.3
21	20.0	19.4	19.6	14.1	13.8	13.9	10.4	9.9	10.2	7.1	6.3	6.7
22	19.5	19.1	19.3	14.2	13.5	13.9	10.3	9.8	10.0	7.1	6.7	6.9
23	19.4	19.1	19.3	13.5	12.9	13.2	10.4	9.9	10.1	6.7	5.9	6.5
24	19.2	18.9	19.1	13.0	12.6	12.7	10.1	10.0	10.1	5.9	5.1	5.4
25	19.1	18.8	18.9	12.9	12.4	12.5	10.2	9.7	10.1	5.3	4.6	4.9
26	19.2	18.8	19.0	12.9	12.3	12.5	9.8	9.4	9.6	5.4	4.8	5.0
27	19.6	18.9	19.2	12.9	12.4	12.5	9.5	8.8	9.2	5.4	4.8	5.0
28	20.0	19.3	19.6	12.4	11.6	12.1	8.8	8.3	8.6	5.3	4.5	4.9
29	20.1	19.8	19.9	11.6	10.9	11.3	8.6	8.0	8.2	6.1	4.8	5.2
30	20.1	19.8	20.0	10.9	10.6	10.7	8.5	8.0	8.3	6.2	5.6	5.8
31	20.0	19.3	19.6	---	---	---	9.0	8.4	8.6	6.5	6.1	6.3
MONTH	27.2	18.8	22.6	19.4	10.6	15.1	10.7	7.6	9.0	10.5	4.5	7.6

WACCAMAW RIVER BASIN

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

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	3.5	2.8	3.1	4.2	4.0	4.1	7.7	7.3	7.4	---	---	---			
2	3.4	2.7	2.9	4.5	4.2	4.3	7.7	7.4	7.5	---	---	---			
3	3.3	2.6	2.9	4.8	4.5	4.6	7.7	7.3	7.5	---	---	---			
4	3.2	2.5	2.7	4.9	4.7	4.8	8.0	7.4	7.7	---	---	---			
5	2.9	2.5	2.7	5.2	4.8	5.0	8.1	7.7	7.9	---	---	---			
6	3.3	2.6	3.0	5.8	5.2	5.6	---	---	---	---	---	---			
7	3.4	2.8	3.0	5.9	5.6	5.7	---	---	---	---	---	---			
8	3.5	2.9	3.2	5.7	5.6	5.7	---	---	---	---	---	---			
9	3.7	3.0	3.2	5.7	5.5	5.5	---	---	---	---	---	---			
10	3.6	2.9	3.2	5.5	5.4	5.4	---	---	---	---	---	---			
11	4.2	3.2	3.5	5.6	5.3	5.4	---	---	---	---	---	---			
12	3.8	3.3	3.5	5.5	5.2	5.3	---	---	---	---	---	---			
13	---	---	---	5.5	5.2	5.3	---	---	---	---	---	---			
14	---	---	---	5.2	5.0	5.1	---	---	---	---	---	---			
15	4.5	2.9	3.7	5.3	5.1	5.2	---	---	---	---	---	---			
16	4.0	3.3	3.6	5.4	5.2	5.3	---	---	---	---	---	---			
17	3.7	3.3	3.5	5.5	5.2	5.3	---	---	---	9.4	8.8	9.2			
18	3.3	2.9	3.0	5.5	5.2	5.4	---	---	---	8.9	8.5	8.6			
19	3.1	2.9	3.0	5.6	5.4	5.5	---	---	---	9.0	8.6	8.8			
20	3.3	3.0	3.1	5.6	5.5	5.6	---	---	---	9.2	8.9	9.1			
21	3.7	3.1	3.3	6.0	5.5	5.8	---	---	---	9.3	9.1	9.2			
22	3.8	3.5	3.6	6.0	5.5	5.9	---	---	---	9.3	9.1	9.2			
23	3.8	3.5	3.7	6.3	5.8	6.0	---	---	---	9.3	9.1	9.2			
24	4.2	3.7	3.9	6.3	6.0	6.2	---	---	---	9.5	9.3	9.4			
25	4.2	4.0	4.1	6.5	6.0	6.3	---	---	---	9.6	9.4	9.5			
26	4.2	4.1	4.2	6.6	6.3	6.4	---	---	---	9.6	9.5	9.5			
27	4.2	4.0	4.1	6.6	6.3	6.4	---	---	---	9.8	9.6	9.7			
28	4.1	3.8	3.9	6.8	6.3	6.6	---	---	---	9.8	9.7	9.7			
29	3.9	3.7	3.8	7.0	6.5	6.7	---	---	---	9.8	9.7	9.8			
30	4.0	3.6	3.8	7.5	6.9	7.2	---	---	---	9.8	9.6	9.7			
31	4.2	3.9	4.0	---	---	---	---	---	---	9.7	9.5	9.6			
MONTH	---	---	---	7.5	4.0	5.6	---	---	---	---	---	---			

DAY	MAX	MIN	MEAN	FEBRUARY			MARCH			APRIL			MAY		
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	9.6	9.5	9.6	7.7	7.6	7.6	3.1	2.8	2.9	1.6	1.5	1.6			
2	9.6	9.4	9.5	7.7	7.4	7.6	3.1	2.7	2.9	1.9	1.5	1.6			
3	9.6	9.4	9.5	7.5	7.2	7.3	2.8	2.6	2.7	2.1	1.6	1.8			
4	9.5	9.3	9.4	7.3	7.1	7.2	2.9	2.7	2.8	2.2	1.8	2.1			
5	9.3	9.1	9.2	7.2	6.8	7.0	3.0	2.7	2.8	2.3	2.0	2.2			
6	9.2	8.9	9.1	6.9	6.6	6.8	3.0	2.7	2.8	2.7	2.1	2.3			
7	9.1	8.8	8.9	6.7	6.5	6.6	3.4	2.8	3.1	2.7	2.5	2.6			
8	8.9	8.7	8.8	6.8	6.5	6.6	3.8	3.3	3.5	2.8	2.3	2.5			
9	8.8	8.6	8.7	6.7	6.5	6.6	4.9	3.8	4.4	2.7	2.2	2.5			
10	9.0	8.6	8.8	6.6	6.4	6.5	5.3	4.9	5.1	3.2	2.4	2.7			
11	8.8	8.6	8.7	6.5	6.3	6.4	5.1	4.8	4.9	3.4	2.7	3.0			
12	8.9	8.6	8.7	6.4	6.2	6.3	5.0	4.7	4.9	3.4	3.0	3.2			
13	---	---	---	6.2	6.0	6.1	4.9	4.2	4.6	3.4	2.9	3.1			
14	---	---	---	6.1	5.8	6.0	4.7	4.2	4.5	3.3	2.9	3.1			
15	---	---	---	6.5	5.9	6.2	4.5	3.9	4.2	3.8	3.0	3.4			
16	---	---	---	6.7	6.1	6.3	4.1	3.7	4.0	4.1	3.0	3.4			
17	---	---	---	6.1	5.5	5.7	3.9	3.5	3.7	4.5	3.4	3.8			
18	---	---	---	5.6	5.1	5.3	3.6	3.2	3.4	5.0	4.2	4.5			
19	8.8	8.7	8.8	5.3	4.9	5.1	3.8	3.2	3.5	5.2	4.6	4.9			
20	8.8	8.6	8.7	5.4	4.8	5.1	3.8	3.4	3.6	5.1	3.9	4.4			
21	8.7	8.4	8.6	5.2	4.5	4.9	3.5	3.0	3.3	4.2	3.0	3.5			
22	8.5	8.2	8.4	4.7	4.0	4.3	3.0	2.1	2.7	3.4	2.9	3.0			
23	8.4	8.1	8.3	4.0	3.6	3.8	2.2	1.1	1.6	3.8	3.2	3.7			
24	8.1	7.9	8.0	3.6	3.4	3.5	1.1	0.9	1.0	4.1	3.6	3.8			
25	7.9	7.6	7.7	3.5	3.3	3.4	2.1	0.9	1.3	4.3	3.7	4.0			
26	7.7	7.5	7.6	3.4	3.2	3.3	1.5	1.2	1.4	4.3	3.6	3.9			
27	7.7	7.5	7.6	3.3	3.1	3.2	1.6	1.0	1.3	3.9	3.5	3.7			
28	7.8	7.5	7.7	3.1	3.0	3.1	1.4	1.2	1.3	3.7	3.3	3.5			
29	---	---	---	3.0	2.8	2.9	1.5	1.2	1.4	4.0	3.3	3.6			
30	---	---	---	2.9	2.7	2.8	1.6	1.2	1.5	3.9	3.6	3.7			
31	---	---	---	2.9	2.8	2.8	---	---	---	4.3	3.6	3.8			
MONTH	---	---	---	7.7	2.7	5.4	5.3	0.9	3.0	5.2	1.5	3.2			

WACCAMAW RIVER BASIN

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

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	4.8	4.1	4.4	2.9	2.2	2.4	2.9	2.6	2.8	3.3	2.5	2.8
2	4.8	4.1	4.4	3.1	2.1	2.5	3.1	2.6	2.9	3.1	2.4	2.7
3	5.0	4.0	4.4	3.1	2.5	2.8	3.3	2.8	3.1	2.8	2.3	2.5
4	5.3	4.4	4.8	3.2	2.4	2.8	3.1	2.6	2.9	2.6	2.2	2.2
5	4.8	4.1	4.4	3.6	2.6	3.1	3.0	2.6	2.7	2.3	2.2	2.2
6	4.7	3.6	4.1	3.9	2.8	3.2	3.0	2.6	2.9	2.8	2.2	2.6
7	4.9	3.9	4.4	3.9	2.9	3.2	3.0	2.7	2.8	3.2	2.7	3.0
8	4.3	3.6	4.0	3.5	3.0	3.2	2.8	2.6	2.7	3.4	3.0	3.2
9	3.7	3.4	3.5	3.7	3.0	3.2	3.1	2.6	2.8	3.6	3.2	3.4
10	3.4	3.2	3.3	3.4	3.1	3.2	3.5	3.0	3.2	3.6	3.3	3.5
11	3.3	3.0	3.2	3.4	3.1	3.3	3.5	3.1	3.2	3.6	3.3	3.5
12	3.2	3.0	3.0	3.9	3.1	3.4	3.1	2.7	2.9	3.8	3.6	3.7
13	3.3	2.8	3.0	3.8	3.2	3.3	2.9	2.4	2.7	3.8	3.5	3.7
14	3.1	2.8	3.0	3.3	3.1	3.2	2.7	2.3	2.5	3.6	3.1	3.3
15	3.4	2.8	3.1	3.2	3.0	3.1	2.6	2.2	2.4	3.3	2.7	3.1
16	3.7	2.7	3.2	3.2	2.9	3.1	2.8	2.2	2.5	3.1	2.6	2.9
17	3.9	3.3	3.5	3.3	2.9	3.0	3.0	2.4	2.6	3.4	2.6	3.1
18	3.4	2.8	3.0	3.1	2.8	2.9	3.0	2.5	2.7	4.2	3.0	3.7
19	3.2	2.7	2.9	3.6	2.9	3.2	2.9	2.4	2.7	3.9	3.3	3.6
20	3.2	2.6	2.9	3.8	3.2	3.5	2.6	2.2	2.4	3.6	3.2	3.4
21	3.0	2.4	2.6	3.6	3.2	3.4	2.6	2.1	2.4	3.8	3.3	3.5
22	3.1	2.4	2.7	3.8	3.2	3.5	2.4	2.2	2.3	3.8	3.7	3.7
23	2.8	2.3	2.5	4.6	3.6	3.9	2.9	2.3	2.6	4.3	3.7	3.9
24	2.4	2.1	2.3	4.4	4.1	4.3	2.8	2.4	2.6	4.1	3.8	3.9
25	2.4	2.1	2.3	4.2	3.7	3.9	2.8	2.5	2.6	4.0	3.5	3.6
26	2.4	1.8	2.2	3.8	3.6	3.7	2.6	2.4	2.5	3.7	3.5	3.6
27	2.5	2.1	2.3	4.1	3.4	3.7	2.5	2.3	2.4	3.7	3.5	3.6
28	2.8	2.0	2.3	4.0	3.5	3.6	2.4	2.2	2.4	4.0	3.5	3.8
29	3.2	2.0	2.6	3.5	3.1	3.2	2.4	2.2	2.3	4.0	3.5	3.8
30	3.1	2.3	2.6	3.2	2.9	3.0	2.8	2.2	2.5	3.9	3.5	3.7
31	---	---	---	3.0	2.7	2.9	3.1	2.3	2.6	---	---	---
MONTH	5.3	1.8	3.2	4.6	2.1	3.2	3.5	2.1	2.7	4.3	2.2	3.3

WACCAMAW RIVER BASIN

02110755 AIW AT BRIARCLIFFE ACRES AT NORTH MYRTLE BEACH, SC

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 good except for Jan. 15 to Apr. 14, which are fair.

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, 5,980 microsiemens, Oct. 8; minimum, 74 microsiemens, Apr. 22.

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	220	180	203	200	150	172	150	110	127	170	130	144
2	220	180	198	190	150	168	150	120	131	150	130	140
3	270	180	205	350	150	242	150	120	137	170	130	145
4	720	180	283	390	230	341	300	130	164	160	130	141
5	1110	190	397	540	150	320	220	130	159	150	130	138
6	2670	210	806	240	140	175	180	130	148	220	120	146
7	5620	230	1570	310	140	183	170	130	145	270	130	157
8	5980	250	1670	290	150	187	160	130	143	260	130	166
9	5900	270	1710	180	150	166	170	130	143	210	140	157
10	2930	250	1020	180	150	162	270	130	149	230	130	155
11	1510	240	648	170	140	154	160	130	141	240	130	153
12	250	190	226	170	140	151	170	130	143	240	130	146
13	230	180	206	220	140	168	190	130	146	240	130	156
14	230	180	201	190	150	162	170	140	148	280	130	157
15	240	180	207	170	150	160	180	130	145	280	130	165
16	220	170	189	190	140	153	170	130	142	251	141	161
17	170	130	152	240	130	175	150	130	138	178	145	157
18	140	120	129	270	130	209	150	130	136	185	146	163
19	160	130	137	180	130	149	140	130	135	178	147	160
20	180	130	150	160	130	142	160	130	137	215	148	168
21	200	130	158	160	120	138	180	130	140	219	152	174
22	160	120	140	150	120	131	160	130	140	276	159	194
23	150	120	135	160	120	134	190	120	140	195	160	178
24	150	130	139	150	120	132	280	120	161	254	156	178
25	150	130	142	150	120	130	160	130	137	234	158	179
26	160	130	142	150	120	127	160	120	134	232	161	182
27	160	130	144	150	120	127	160	120	135	237	161	179
28	160	130	146	140	120	125	160	130	143	261	162	190
29	190	140	156	140	120	126	180	130	136	213	161	182
30	170	140	156	140	110	125	150	130	136	209	161	184
31	210	140	167	---	---	---	160	130	141	236	164	189
MONTH	5980	120	385	540	110	168	300	110	142	280	120	164

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 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	243	165	189	153	137	143	141	78	87	126	80	94
2	241	166	197	183	135	147	120	78	86	219	82	106
3	214	168	188	182	136	147	124	78	85	138	84	98
4	214	165	181	147	131	139	121	77	85	269	87	116
5	213	164	180	161	124	138	123	79	87	145	87	102
6	248	168	183	145	123	132	97	80	85	172	91	113
7	209	167	182	174	125	137	347	80	118	205	91	121
8	216	168	182	163	124	138	128	94	100	166	94	117
9	211	173	185	157	124	133	260	91	125	162	94	111
10	254	176	192	174	118	126	181	89	104	272	95	183
11	211	174	186	171	118	129	174	86	99	306	99	177
12	203	167	179	140	117	125	175	82	96	164	98	112
13	294	166	183	139	116	122	126	82	95	164	99	119
14	310	162	205	142	115	119	126	81	94	175	102	121
15	303	161	195	171	113	121	123	83	96	181	100	117
16	268	161	184	150	119	129	117	82	92	158	100	117
17	261	158	185	130	100	112	117	79	92	129	101	112
18	243	157	178	178	104	121	114	75	87	160	104	116
19	297	157	188	133	107	113	100	76	82	123	98	111
20	183	153	166	179	105	126	97	75	80	137	96	110
21	172	149	161	129	102	116	89	75	79	185	97	110
22	185	142	159	112	95	102	82	74	78	152	97	108
23	176	139	151	114	97	103	87	76	79	194	97	123
24	161	139	148	167	97	109	91	76	79	149	109	124
25	153	136	143	130	94	102	136	75	87	154	114	129
26	153	135	142	171	90	106	141	79	87	181	110	128
27	148	133	140	141	89	97	96	78	82	182	109	125
28	162	131	140	117	84	92	164	79	91	162	107	123
29	---	---	---	249	85	98	103	81	87	132	107	118
30	---	---	---	118	81	87	103	82	86	165	109	119
31	---	---	---	113	79	84	---	---	---	193	112	134
MONTH	310	131	175	249	79	119	347	74	90	306	80	120

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	177	108	135	207	87	109	190	92	114	115	89	100
2	148	110	121	182	92	110	150	96	115	108	90	100
3	157	104	117	200	93	108	152	92	114	115	91	100
4	167	98	121	157	95	108	160	92	116	134	94	106
5	159	101	116	162	94	109	141	95	112	120	97	108
6	154	98	114	148	95	107	215	88	117	127	103	114
7	175	97	115	267	95	124	237	92	120	131	106	119
8	199	96	117	195	101	119	135	91	108	129	106	119
9	155	101	114	151	105	118	166	92	112	142	105	121
10	142	100	111	148	102	116	170	91	114	130	102	117
11	135	97	111	142	98	112	321	93	141	143	106	121
12	143	97	110	265	101	141	177	92	117	157	105	121
13	163	99	113	204	126	149	179	90	115	123	100	111
14	151	102	113	183	108	139	186	90	107	---	---	---
15	135	99	113	172	102	130	134	88	103	123	104	113
16	184	100	119	160	102	124	122	86	100	131	100	113
17	132	101	114	154	99	118	138	85	99	126	104	113
18	144	95	115	184	102	122	185	88	104	128	102	109
19	149	94	111	254	103	151	114	87	99	127	100	113
20	137	101	111	195	111	140	106	84	94	150	109	125
21	128	90	102	237	110	133	102	84	94	148	117	133
22	186	87	103	224	105	133	190	84	105	148	118	135
23	109	88	98	273	106	148	135	85	99	148	116	134
24	131	88	97	245	107	146	109	85	96	192	116	142
25	147	89	99	257	98	153	175	88	108	187	124	144
26	133	91	103	229	94	136	125	87	97	190	126	147
27	157	88	102	225	94	127	152	88	103	173	123	146
28	132	88	101	190	91	128	131	88	102	169	123	142
29	149	90	101	184	91	122	113	88	97	161	115	133
30	220	87	110	178	90	118	133	88	98	134	111	125
31	---	---	---	160	91	116	107	88	97	---	---	---
MONTH	220	87	111	273	87	126	321	84	107	---	---	---

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, 11.44 ft, Jan. 10, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 7,200 ft³/s, Apr. 22, maximum gage height, 18.50 ft, Apr. 22; minimum discharge, -6,060 ft³/s, May 19, minimum gage height, 11.86 ft, Jan. 20, Feb. 11.

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	3370	-2930	3460	-3220	3450	-2830	3950	-3130	3350	-2930	3830	-3350
2	3370	-2750	3530	-3450	3360	-3090	3800	-2770	3280	-2790	4090	-2610
3	3410	-2810	3600	-3450	3310	-3240	4120	-3350	3010	-2630	3870	-2440
4	3400	-3680	3660	-3540	3610	-3520	3760	-3130	3090	-2320	3990	-2580
5	3610	-3610	3760	-3540	3780	-3440	3850	-3080	2620	-2120	3960	-1750
6	3620	-3710	3660	-3420	3310	-3150	3580	-2540	2700	-2230	3550	-1470
7	3720	-3830	3400	-3070	3440	-2890	3430	-2470	2730	-1980	3770	-1670
8	3660	-4060	3530	-3000	3190	-2560	3060	-1950	2520	-1780	3940	-1540
9	3670	-4540	3430	-2490	3150	-2530	3200	-1950	2610	-1940	3900	-1040
10	3650	-3730	3080	-2420	3510	-2830	2770	-1700	2760	-1790	3980	-929
11	---	---	3090	-2280	3550	-2600	3160	-2120	2720	-1540	3950	-1370
12	---	---	3140	-2280	2950	-1990	3060	-1620	2640	-2180	3840	538
13	---	---	3110	-2730	3630	-2670	3190	-2450	2980	-2130	4000	-914
14	---	---	3600	-2680	3140	-1870	3110	-2150	2850	-2300	4020	-873
15	---	---	3570	-2900	3100	-2490	2800	-2220	3250	-2300	4520	-2550
16	---	---	3620	-2960	3000	-2480	3220	-2530	3360	-3210	5280	-2350
17	4000	-3470	3750	-2730	3280	-2620	3270	-2440	3780	-3340	5160	-2250
18	3990	-2880	3160	-2570	3690	-2720	3330	-2860	3460	-3420	5360	-2720
19	3840	-3040	3680	-2660	3730	-2940	3190	-2330	3640	-3530	5510	-2860
20	3730	-2950	3460	-2900	3960	-2690	3030	-2120	3620	-2960	5790	-2530
21	3580	-3170	3760	-2770	3170	-2260	3000	-2770	3670	-3070	6170	-759
22	3620	-2760	3530	-2620	3370	-2540	3140	-2820	3770	-2810	5780	-603
23	3740	-3210	3330	-2160	3160	-2560	3120	-2980	4290	-2680	5310	585
24	3640	-3010	3340	-2500	3760	-2930	2670	-2180	3380	-2290	5280	-923
25	3620	-2930	3330	-2260	3560	-2440	2980	-2170	3280	-2220	5130	-1600
26	3260	-3030	3310	-2100	3130	-2590	3080	-2150	3510	-2340	4960	100
27	3380	-2500	3220	-2330	3550	-2550	2810	-2380	3780	-3070	4970	100
28	3250	-2600	3500	-2410	3490	-2360	3010	-2360	3540	-2730	5360	-265
29	3120	-2990	3570	-2470	3420	-2710	3060	-2580	---	---	5930	2170
30	3390	-2930	3240	-2620	3560	-2870	3230	-2710	---	---	---	---
31	3410	-2930	---	---	3550	-2940	3340	-2880	---	---	6390	4090
MONTH	---	---	3760	-3540	3960	-3520	4120	-3350	4290	-3530	---	---

WACCAMAW RIVER BASIN

02110760 AIW AT MYRTLEWOOD GOLF COURSE AT MYRTLE BEACH, 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
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	6500	4280	4650	-1310	3470	-3210	3860	-2810	4100	-3330	3810	-4010
2	5970	4200	4350	-2060	3550	-3130	3950	-2890	4100	-3370	3760	-3730
3	5720	3900	4410	-3010	3740	-2540	3780	-2730	3910	-3070	3640	-4120
4	5710	3150	4220	-3320	3860	-2540	3510	-2920	3800	-3430	3700	-3920
5	5180	2880	4250	-2630	3760	-1810	3570	-2670	3750	-3640	3830	-4130
6	4810	409	4150	-2630	3850	-1810	3460	-2960	3870	-3450	3800	-4990
7	5040	-115	3640	-2470	3860	-2150	3460	-3080	3950	-3700	4080	-4800
8	4710	2710	3460	-2380	3810	-1550	3500	-3340	4140	-3960	3920	-5300
9	4650	-344	3350	-2500	3760	-2920	3840	-3770	4100	-4050	4010	-5030
10	4660	-2210	3440	-2860	---	---	3990	-3500	4020	-4120	4040	-4780
11	4680	75	3530	-3260	---	---	3990	-3200	4070	-3800	4080	-4890
12	4770	-796	3590	-3150	---	---	4040	-4910	4150	-3880	4100	-4830
13	4520	-818	3700	-4200	---	---	4210	-4140	4050	-3610	3900	-3890
14	4550	-1420	3700	-4410	4000	-3670	4180	-3820	4140	-3190	3920	-3980
15	4720	-2180	3960	-4440	4010	-3600	4080	-3700	4050	-2620	3730	-4140
16	4790	-3650	3970	-4430	4080	-3990	4080	-2750	3920	-2520	3610	-3810
17	5310	-3350	4010	-5350	4340	-3430	3900	-2840	3870	-1300	3700	-4120
18	5760	-1560	4320	-6060	4420	-3480	3770	-2740	3930	-1970	3540	-2200
19	6290	1390	4390	-6060	4530	-3060	3880	-2390	3890	-1310	3230	-3330
20	6730	2100	4110	-4580	4530	382	3540	-2660	3920	-1050	3290	-3600
21	6990	3150	4040	-3100	4670	-2190	3560	-2390	3790	-1350	3540	-3820
22	7200	3910	3580	-2980	4400	-718	3350	-1750	3800	-1370	3670	-4320
23	7030	5320	3600	-2910	4290	-381	3750	-2170	3820	-1760	3590	-4680
24	6800	4870	3350	-3220	3990	-1840	3660	-3060	3830	-2960	3770	-5120
25	6610	4550	3460	-3180	4030	-1880	3630	-2820	4050	-2970	4000	-5380
26	6500	4150	3370	-2890	4020	-2040	3890	-2880	4120	-3180	4010	-5070
27	5980	3330	3400	-3520	4000	-2180	3990	-3550	4170	-3640	4110	-5580
28	5540	2880	3500	-2930	4020	-2590	3990	-3070	4160	-3590	4090	-5820
29	5380	1760	3560	-3230	3980	-2770	3940	-3350	4130	-3920	3960	-5080
30	4830	220	3450	-3390	4090	-2880	4080	-3600	4050	-3910	4060	-4820
31	---	---	3420	-2540	---	---	4070	-3570	3950	-3930	---	---
MONTH	7200	-3650	4650	-6060	---	---	4210	-4910	4170	-4120	4110	-5820

WACCAMAW RIVER BASIN

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 Oct. 16 to Nov. 25, which are good, and Mar. 18 to Apr. 14, which are fair.

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, 197 microsiemens, Oct. 8, 9; minimum, 67 microsiemens, Apr. 21.

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	157	142	149	138	128	134	120	114	117	133	122	128			
2	157	142	149	138	127	132	123	114	119	135	126	130			
3	157	137	148	137	117	130	126	113	120	135	124	129			
4	167	139	152	137	117	129	129	115	122	131	124	127			
5	173	144	157	137	117	131	128	118	123	131	123	126			
6	186	147	165	157	127	136	133	120	125	134	123	126			
7	192	152	173	147	137	144	133	120	126	130	123	126			
8	197	154	175	157	136	146	132	121	126	134	127	130			
9	197	158	177	146	136	140	132	122	127	136	129	132			
10	195	154	174	136	126	135	143	120	129	142	130	132			
11	---	---	---	166	126	133	139	129	133	136	130	132			
12	---	---	---	176	136	142	136	126	129	134	129	131			
13	---	---	---	146	126	141	181	130	139	134	129	132			
14	---	---	---	146	126	134	142	123	131	139	130	133			
15	---	---	---	136	115	124	130	121	126	140	131	135			
16	---	---	---	125	115	119	130	122	125	145	133	138			
17	---	---	---	135	115	125	130	122	126	146	134	139			
18	---	---	---	135	125	127	131	123	126	146	136	141			
19	---	---	---	135	115	125	129	123	125	146	136	142			
20	---	---	---	125	115	120	134	122	127	152	141	144			
21	---	---	---	125	115	117	131	123	126	152	144	148			
22	---	---	---	115	114	114	128	121	124	158	145	151			
23	---	---	---	114	114	114	127	118	122	156	146	151			
24	129	119	123	114	114	114	151	118	126	155	147	151			
25	129	119	124	117	112	115	140	119	127	158	151	154			
26	129	118	123	118	112	114	124	119	122	161	150	154			
27	138	118	124	118	112	114	127	119	123	158	149	154			
28	128	118	126	118	112	114	126	119	123	160	152	156			
29	138	118	127	118	111	113	127	119	123	161	151	156			
30	138	128	130	119	110	114	132	122	124	164	153	158			
31	138	128	133	---	---	---	131	123	125	164	154	159			
MONTH	---	---	---	176	110	126	181	113	125	164	122	140			

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

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
 WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	165	153	159	141	132	136	80	77	78	80	74	76
2	165	154	160	165	133	141	79	77	78	81	76	78
3	165	156	161	147	130	137	79	77	78	83	77	79
4	164	154	160	134	127	130	80	77	78	82	78	80
5	168	156	163	130	124	127	79	75	77	83	77	80
6	168	156	163	144	125	131	81	76	78	85	77	79
7	175	162	168	171	130	138	105	78	86	101	78	90
8	176	167	171	140	123	128	95	83	87	93	80	85
9	180	168	174	126	120	123	98	80	88	92	80	85
10	178	166	172	126	121	122	100	78	84	89	81	86
11	173	163	168	127	119	122	86	77	79	92	83	86
12	169	160	165	125	117	119	87	78	80	90	82	86
13	166	156	160	127	117	120	83	78	80	95	83	88
14	163	154	159	128	116	118	87	77	79	96	83	88
15	162	153	158	162	116	127	80	75	77	95	83	88
16	164	152	158	151	106	120	78	73	76	96	84	88
17	162	153	158	112	103	106	77	70	73	96	86	90
18	161	151	157	121	110	114	74	69	71	98	86	90
19	159	147	154	115	106	110	71	68	69	94	83	87
20	159	144	149	140	106	115	70	68	68	91	85	87
21	152	141	146	120	92	106	69	67	68	91	83	87
22	148	139	143	101	88	96	70	68	69	90	83	86
23	151	140	145	99	94	97	70	68	69	116	83	99
24	147	136	140	103	94	96	69	68	68	106	96	100
25	140	133	137	97	89	92	95	68	74	102	94	97
26	140	133	136	89	86	87	80	71	74	100	93	96
27	138	131	135	88	83	86	73	71	72	99	90	95
28	141	136	138	84	81	83	73	70	72	99	91	94
29	---	---	---	84	80	82	74	71	72	102	92	96
30	---	---	---	---	---	---	76	72	74	104	96	98
31	---	---	---	81	77	80	---	---	---	102	93	97
MONTH	180	131	156	---	---	---	105	67	76	116	74	88

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	104	96	99	85	80	82	82	75	79	82	76	79
2	104	95	99	87	81	84	83	77	80	83	75	79
3	102	92	96	89	81	85	82	76	80	85	76	80
4	104	90	96	88	81	84	83	76	80	86	79	82
5	110	92	98	88	79	84	83	78	81	94	79	86
6	95	90	93	88	82	85	90	79	84	96	83	90
7	95	89	92	92	84	87	89	79	85	99	82	90
8	112	91	96	97	89	93	88	79	84	94	82	88
9	113	92	101	100	90	94	94	83	87	92	81	86
10	---	---	---	96	87	92	89	78	84	91	82	86
11	---	---	---	92	85	88	93	78	84	92	83	87
12	---	---	---	157	85	96	89	77	82	92	83	87
13	---	---	---	116	89	101	86	78	81	90	84	86
14	96	86	91	99	87	91	85	77	80	91	85	88
15	97	87	90	95	84	88	82	76	79	91	84	87
16	94	86	90	90	83	86	80	75	78	91	84	87
17	97	86	92	89	82	85	79	76	77	93	84	88
18	93	83	87	91	84	87	84	76	79	91	86	88
19	103	82	88	125	84	96	82	77	79	100	89	94
20	101	77	90	108	89	97	79	75	77	104	92	96
21	99	76	83	94	87	91	79	75	77	106	93	98
22	84	77	81	95	87	90	81	76	78	106	94	99
23	83	80	81	101	85	91	82	78	80	106	96	100
24	85	80	82	96	79	88	81	77	79	113	98	103
25	84	81	83	94	80	87	81	76	79	115	100	106
26	84	81	83	85	79	82	81	76	79	115	103	108
27	84	80	82	87	80	83	80	76	78	117	102	109
28	85	81	82	83	77	79	80	75	78	116	101	107
29	92	80	85	82	75	78	81	76	78	111	99	104
30	85	78	81	82	75	78	82	75	78	107	98	102
31	---	---	---	81	75	78	81	75	78	---	---	---
MONTH	---	---	---	157	75	87	94	75	80	117	75	92

WACCAMAW RIVER BASIN

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

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 Jan. to Mar. 19, which are poor. 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, 17,300 microsiemens, Oct. 6; minimum, 78 microsiemens, Apr. 24, 25.

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	2250	210	462	3020	170	684	190	130	141	360	140	166
2	1580	210	380	1650	170	471	650	130	202	200	140	145
3	2700	210	540	2150	170	461	850	140	247	380	140	167
4	7900	220	1470	3500	160	623	3630	140	668	250	140	152
5	11000	240	2790	7070	160	1400	2990	150	473	170	140	144
6	17300	260	4950	3250	160	532	1550	140	302	140	130	138
7	---	---	---	2200	150	496	1050	140	264	150	140	140
8	---	---	---	5510	160	821	500	140	189	150	140	144
9	---	---	---	1400	170	295	680	140	222	160	140	148
10	---	---	---	380	160	203	370	150	182	160	140	149
11	---	---	---	210	160	171	160	140	149	160	140	150
12	---	---	---	180	160	167	160	140	152	150	140	144
13	---	---	---	190	160	172	170	150	157	150	140	145
14	---	---	---	340	170	192	160	150	153	160	140	149
15	---	---	---	420	170	200	180	150	158	170	150	155
16	---	---	---	260	150	175	170	140	149	300	150	180
17	180	150	161	210	140	153	250	140	156	230	150	169
18	170	130	148	160	140	148	240	140	155	670	150	226
19	160	130	148	180	150	156	190	140	150	230	160	172
20	180	160	166	180	150	155	160	140	144	200	160	169
21	180	140	159	170	140	148	180	140	146	710	160	236
22	190	140	153	150	130	140	170	140	146	3020	170	565
23	210	140	155	160	130	138	230	140	151	1120	170	321
24	380	140	170	160	130	138	480	140	177	230	169	187
25	510	140	184	150	130	137	150	130	141	328	170	208
26	270	150	171	150	130	137	150	130	139	328	170	211
27	530	150	196	150	130	135	150	140	141	328	170	206
28	1210	150	252	150	130	136	150	140	143	1700	174	353
29	2470	150	405	140	130	134	150	130	141	1110	174	284
30	1660	160	397	140	130	134	200	130	143	1420	172	371
31	3770	160	663	---	---	---	200	140	148	1690	176	372
MONTH	---	---	---	7070	130	302	3630	130	194	3020	130	209

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

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	2120	178	440	162	144	150	85	82	83	94	88	89
2	2030	176	411	156	142	148	---	---	---	96	86	90
3	1310	178	314	150	142	146	---	---	---	100	90	93
4	428	178	219	150	140	145	---	---	---	108	98	101
5	276	176	198	148	134	139	---	---	---	112	96	100
6	344	178	210	144	132	135	---	---	---	108	92	99
7	446	182	216	144	134	139	---	---	---	112	96	103
8	226	180	195	144	134	140	---	---	---	120	102	110
9	330	182	204	142	128	134	---	---	---	118	104	110
10	400	186	215	132	126	127	106	98	102	122	104	113
11	244	184	200	130	124	126	102	94	98	122	108	115
12	220	180	192	126	124	124	110	94	96	126	108	116
13	324	176	197	128	124	126	104	94	97	338	108	135
14	240	172	188	130	122	125	108	94	97	624	114	170
15	328	170	190	130	124	126	---	---	---	394	114	144
16	716	170	255	---	---	---	---	---	---	350	110	136
17	500	170	218	---	---	---	---	---	---	722	112	151
18	314	166	192	---	---	---	---	---	---	722	118	164
19	376	168	198	---	---	---	---	---	---	286	112	132
20	286	164	188	114	100	106	---	---	---	130	106	115
21	236	160	178	122	92	106	---	---	---	118	104	110
22	246	154	171	97	87	91	---	---	---	120	104	113
23	170	148	155	93	89	91	84	80	82	128	108	120
24	206	148	158	97	90	94	80	78	79	138	114	128
25	164	146	153	100	89	95	88	78	81	152	126	137
26	176	146	153	92	88	90	90	84	87	148	124	136
27	188	144	151	91	87	90	88	82	84	144	120	131
28	154	140	146	91	86	89	84	82	82	156	118	130
29	---	---	---	88	84	86	84	80	83	152	116	126
30	---	---	---	87	84	85	94	84	86	174	116	128
31	---	---	---	84	82	84	---	---	---	142	120	128
MONTH	2120	140	211	---	---	---	---	---	---	722	86	122

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	178	114	126	106	94	98	122	92	101	104	92	98
2	166	118	127	108	96	100	124	94	103	112	96	102
3	150	114	124	114	98	102	110	94	99	158	98	107
4	128	108	114	118	100	106	120	94	101	248	102	120
5	120	108	111	116	98	106	118	94	103	492	104	155
6	124	108	113	116	98	106	108	94	100	556	110	166
7	118	104	110	114	100	107	112	96	103	438	114	157
8	112	102	107	122	104	110	112	96	102	462	114	158
9	126	110	115	156	108	119	110	92	100	384	114	149
10	122	110	116	---	---	---	114	96	103	276	114	140
11	120	106	112	---	---	---	112	96	103	272	116	149
12	118	102	109	122	98	107	114	94	103	272	114	132
13	118	102	108	142	112	124	114	92	100	126	106	114
14	124	106	112	136	108	121	106	92	97	120	106	113
15	124	102	112	124	104	113	102	90	95	124	108	116
16	122	104	109	118	102	109	100	90	93	136	108	119
17	120	104	111	120	102	107	98	88	90	156	108	120
18	122	98	107	118	102	109	100	86	92	122	106	113
19	108	94	101	120	104	111	102	90	95	482	106	155
20	114	96	104	128	106	117	100	88	92	2170	120	310
21	112	96	102	126	110	116	90	86	87	3160	130	426
22	96	90	93	122	106	112	90	84	86	2590	134	413
23	96	90	92	118	106	110	94	84	88	766	130	218
24	100	90	94	126	106	112	96	86	90	2100	134	374
25	100	92	95	120	100	106	100	86	91	2550	140	480
26	102	92	95	112	98	102	104	88	92	1380	146	402
27	104	92	96	110	96	101	102	88	94	2040	144	443
28	104	92	96	112	96	102	98	86	91	1730	144	367
29	108	94	98	114	96	100	98	88	92	670	134	212
30	108	94	99	114	94	100	100	88	94	422	120	164
31	---	---	---	110	92	99	102	90	95	---	---	---
MONTH	178	90	107	---	---	---	124	84	96	3160	92	210

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, 17.08 ft, Apr. 18; minimum gage height, 9.15 ft, Jan. 21.

DAY	Gage height, feet											
	WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003											
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	15.49	11.29	13.23	15.63	10.54	13.16	14.77	9.41	12.18	15.97	10.16	12.83
2	15.23	10.62	13.01	15.61	10.42	13.10	15.33	9.66	12.59	15.47	9.83	12.52
3	15.38	10.34	12.80	15.64	10.12	12.96	15.24	9.61	12.48	16.22	10.16	12.80
4	15.77	10.00	12.94	15.93	10.07	12.93	16.01	9.85	12.76	15.68	10.11	12.74
5	15.80	10.11	13.01	16.41	10.04	13.20	16.17	10.07	12.72	15.95	10.59	12.89
6	15.96	10.04	13.05	16.30	9.61	12.71	15.43	9.90	12.48	15.13	10.44	12.35
7	16.36	10.29	13.25	15.86	9.73	12.68	15.32	10.21	12.42	14.45	9.70	11.90
8	16.60	10.34	13.38	15.69	10.59	12.90	14.95	10.24	12.22	13.88	10.19	12.04
9	16.70	10.80	13.51	15.42	10.61	12.64	14.82	10.20	12.41	13.83	10.37	12.11
10	16.44	10.91	13.55	14.84	10.57	12.57	15.22	11.09	13.11	13.81	10.21	12.03
11	16.58	11.48	13.69	14.19	10.53	12.35	15.01	10.58	12.81	13.96	10.59	12.24
12	15.60	10.94	13.09	14.23	10.69	12.41	13.80	10.48	12.10	13.82	10.43	12.18
13	15.87	11.37	13.44	14.42	10.54	12.41	14.90	10.87	12.91	14.15	10.12	12.17
14	16.02	11.56	13.80	15.10	11.13	13.09	13.93	9.99	12.01	13.88	10.30	12.17
15	16.99	12.31	14.53	15.12	10.97	13.30	14.10	10.11	12.25	13.73	10.10	12.06
16	16.19	11.40	13.98	15.25	11.08	13.31	14.17	9.97	12.16	14.36	10.10	12.44
17	15.94	11.18	13.67	15.20	10.47	12.99	14.39	9.97	12.53	14.55	10.11	12.09
18	15.52	11.14	13.39	---	---	---	15.25	10.60	12.82	15.02	9.83	12.41
19	15.41	11.07	13.31	15.21	10.62	12.82	15.63	10.78	12.96	14.25	9.67	11.78
20	15.37	10.90	13.15	15.02	10.48	12.75	15.44	10.07	12.44	14.06	9.22	11.38
21	15.02	10.81	12.95	15.33	10.70	12.82	14.57	9.59	11.80	14.39	9.15	11.62
22	15.25	10.96	13.04	14.95	10.29	12.38	14.41	9.67	11.79	14.82	9.72	12.23
23	15.41	10.88	12.99	14.50	10.02	12.05	14.54	9.51	11.88	14.50	10.09	12.04
24	15.39	10.89	13.05	14.60	10.31	12.22	15.02	10.10	12.61	13.82	9.19	11.49
25	15.36	10.89	13.01	14.46	10.21	12.14	14.72	9.91	12.15	14.47	10.07	11.92
26	14.99	11.06	12.86	14.45	10.33	12.21	14.24	9.68	11.93	14.79	9.56	11.96
27	14.96	10.83	12.80	14.35	10.45	12.18	14.71	10.54	12.48	14.18	9.67	11.69
28	15.03	11.17	12.88	14.79	10.62	12.51	14.79	10.16	12.35	14.74	9.88	12.23
29	15.06	10.97	12.92	14.87	10.16	12.69	14.63	9.89	12.22	14.77	9.60	12.12
30	15.06	10.90	12.96	14.63	9.42	12.16	15.21	10.03	12.53	14.79	9.55	12.30
31	15.40	10.79	13.02	---	---	---	15.31	10.03	12.61	14.93	9.82	12.30
MONTH	16.99	10.00	13.23	---	---	---	16.17	9.41	12.41	16.22	9.15	12.16

WACCAMAW RIVER BASIN

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

Gage height, feet
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	15.30	9.96	12.36	15.57	10.43	13.06	14.97	10.91	12.94	15.43	10.90	13.08
2	15.05	9.80	12.34	15.61	10.39	12.96	14.51	10.55	12.44	15.44	11.19	13.16
3	14.72	9.93	12.16	15.24	10.48	12.80	14.48	10.63	12.43	15.53	10.95	13.07
4	14.57	9.55	11.82	15.24	10.58	12.81	14.86	10.69	12.58	15.75	11.38	13.33
5	13.73	9.55	11.53	14.57	10.14	12.48	14.73	10.92	12.73	15.43	11.27	13.26
6	13.82	9.75	11.79	14.21	10.18	12.27	15.63	11.11	13.02	15.11	10.71	12.64
7	13.73	9.78	11.72	14.87	10.60	12.50	15.49	11.38	13.14	14.73	10.48	12.42
8	13.30	10.07	11.76	14.74	10.99	12.68	15.01	11.57	13.00	14.49	10.56	12.27
9	13.66	10.29	11.91	14.75	11.35	12.94	15.59	12.14	13.57	14.30	10.73	12.31
10	13.70	10.26	11.91	14.82	11.43	12.91	---	---	---	14.29	10.39	12.39
11	13.62	10.12	11.85	14.99	11.02	12.90	---	---	---	14.58	10.39	12.49
12	13.48	9.65	11.49	14.33	11.15	12.56	---	---	---	14.46	9.88	12.29
13	14.09	9.61	11.74	14.61	11.01	12.65	15.45	10.91	13.32	15.36	9.90	12.55
14	13.64	9.61	11.73	14.57	10.94	12.86	15.60	10.65	13.19	15.91	9.98	12.76
15	14.27	9.68	11.96	15.61	11.28	13.50	15.92	10.23	13.07	16.07	9.95	12.81
16	14.93	9.53	12.54	16.10	10.95	13.41	16.59	10.29	13.25	16.27	9.91	12.80
17	15.50	10.10	12.65	16.02	10.58	13.30	16.95	10.52	13.47	16.78	10.24	13.10
18	15.18	9.79	12.44	16.63	10.54	13.59	17.08	10.88	13.71	16.83	10.83	13.41
19	15.39	9.87	12.53	16.79	10.69	13.65	16.98	11.10	13.70	16.33	10.89	13.33
20	15.22	9.99	12.50	16.99	11.06	14.00	16.97	11.57	13.86	16.33	10.97	13.21
21	15.35	10.35	12.73	16.40	11.00	13.50	16.96	11.96	13.98	15.49	10.81	12.73
22	15.54	10.67	12.87	15.97	10.85	13.12	16.77	11.91	13.74	15.06	10.82	12.68
23	15.46	9.72	11.91	15.74	10.99	13.04	15.56	11.97	13.63	14.97	10.96	12.77
24	14.43	10.16	12.07	15.82	11.23	13.10	15.72	11.92	13.61	14.72	10.93	12.81
25	14.19	10.18	12.15	15.84	11.28	13.10	15.67	11.91	13.75	14.84	10.95	12.98
26	14.76	10.69	12.65	15.37	11.22	13.02	15.38	11.61	13.55	14.82	10.76	12.82
27	15.45	10.46	12.86	15.38	11.30	13.29	15.56	11.60	13.54	14.76	10.69	12.76
28	14.83	10.36	12.68	15.75	11.29	13.51	15.37	11.32	13.47	15.18	10.80	12.90
29	---	---	---	15.50	11.15	13.21	15.45	11.03	13.19	14.98	10.67	12.67
30	---	---	---	---	---	---	15.39	10.85	13.04	15.08	10.55	12.70
31	---	---	---	15.06	10.82	12.86	---	---	---	14.93	10.63	12.68
MONTH	15.54	9.53	12.17	---	---	---	---	---	---	16.83	9.88	12.81

Gage height, feet												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	14.92	10.16	12.23	15.14	10.50	12.62	15.07	10.35	12.54	14.88	10.10	12.36
2	15.12	10.71	12.69	15.15	10.59	12.86	14.81	10.39	12.53	14.87	10.24	12.35
3	15.18	10.98	12.86	14.45	10.33	12.29	14.83	10.37	12.49	14.93	10.36	12.39
4	14.90	10.85	12.70	14.70	10.13	12.29	14.81	10.27	12.33	15.12	10.64	12.57
5	14.78	10.64	12.39	14.70	10.35	12.24	14.64	10.13	12.28	15.21	10.52	12.60
6	14.87	10.85	12.71	14.25	10.18	12.13	15.02	10.15	12.39	15.84	10.79	13.15
7	15.11	10.87	12.65	14.25	10.01	12.09	15.15	10.17	12.46	15.95	10.96	13.37
8	14.66	10.60	12.54	14.61	9.87	12.07	15.39	10.25	12.61	16.26	10.96	13.46
9	15.10	10.26	12.62	15.29	10.04	12.44	15.44	10.09	12.60	16.20	10.92	13.44
10	15.52	10.43	12.88	---	---	---	15.43	9.79	12.40	16.02	10.92	13.39
11	15.84	10.31	12.95	---	---	---	15.46	10.02	12.48	16.05	11.08	13.55
12	16.05	10.08	12.92	15.59	9.71	12.41	15.37	10.16	12.57	15.80	10.99	13.36
13	15.97	9.88	12.81	15.69	10.00	12.60	15.34	10.36	12.65	15.12	10.79	12.98
14	15.98	9.79	12.69	15.52	9.83	12.51	14.94	10.39	12.62	15.07	10.83	12.96
15	15.85	9.95	12.61	15.46	10.24	12.65	14.43	10.35	12.46	14.90	10.90	12.91
16	15.97	10.13	12.66	15.19	10.38	12.61	---	---	---	14.88	10.90	12.93
17	15.87	10.70	12.93	14.66	10.34	12.40	---	---	---	15.24	11.26	13.14
18	15.70	10.92	13.06	14.65	10.44	12.47	---	---	---	14.29	10.87	12.52
19	15.71	10.92	13.07	14.43	10.36	12.32	---	---	---	14.26	10.82	12.50
20	15.08	11.07	13.05	14.37	10.56	12.42	---	---	---	14.53	10.86	12.67
21	15.49	11.45	13.29	14.36	10.77	12.52	---	---	---	14.97	11.17	12.97
22	15.27	11.42	13.28	14.03	10.52	12.27	---	---	---	15.39	11.11	13.29
23	14.94	11.18	13.08	13.89	10.14	11.98	---	---	---	15.38	10.65	13.11
24	14.98	10.97	12.85	13.94	10.17	12.00	---	---	---	16.10	10.89	13.37
25	14.89	10.86	12.80	14.13	10.05	12.15	---	---	---	16.23	10.80	13.52
26	15.04	10.82	12.76	14.57	10.34	12.25	---	---	---	16.17	10.67	13.48
27	15.12	10.68	12.73	14.83	10.27	12.36	15.29	10.21	12.65	16.56	10.73	13.56
28	15.19	10.67	12.75	14.86	9.94	12.27	15.22	10.09	12.52	16.72	10.84	13.55
29	15.33	10.75	12.74	15.16	10.17	12.40	15.35	10.17	12.62	16.38	10.66	13.26
30	15.17	10.64	12.70	15.02	10.18	12.45	15.22	10.28	12.61	16.01	10.68	13.15
31	---	---	---	15.16	10.21	12.46	14.90	10.16	12.41	---	---	---
MONTH	16.05	9.79	12.80	---	---	---	---	---	---	16.72	10.10	13.06

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 May 20 to June 10, which are fair. Temperature records rated excellent. Dissolved oxygen records rated good except for Oct. 1-17, Nov. 26 to Mar. 11, June 4-10, and June 24 to July 10, which are poor. 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, 45,700 microsiemens, Oct. 9; minimum, 78 microsiemens, Apr. 21, 22, 24, May 1.

WATER TEMPERATURE: Maximum, 30.7°C, July 11; minimum, 4.4°C, Jan. 25.

DISSOLVED OXYGEN: Maximum, 11.8 mg/L, Jan. 24-26; minimum, 1.3 mg/L, Apr. 29.

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	24200	500	10300	27400	1260	12200	13100	140	2200	27300	160	3400
2	23700	400	8780	26000	910	10500	30300	170	5960	12800	150	1900
3	26200	400	8400	29500	700	10100	30200	270	6720	26400	160	3630
4	35100	1100	13400	33800	530	11200	42600	330	11500	22700	160	2650
5	36800	2900	17600	42200	560	15700	38500	400	8870	18400	150	2170
6	38900	4500	22800	34200	470	9420	30500	230	6680	6530	140	668
7	41800	10500	28300	39300	230	10400	25800	260	5330	11200	140	822
8	45300	11000	30000	30500	710	10900	23800	230	3950	810	150	282
9	45700	13900	31300	23800	380	6490	24200	200	4360	2800	150	532
10	43200	10600	28400	16600	310	4260	18500	370	5170	6840	150	807
11	41500	8700	24700	8240	220	2000	18100	190	3390	9690	160	1790
12	23300	500	7640	10800	200	1740	5930	160	726	4860	150	930
13	27800	500	8030	8730	190	1420	15300	200	4030	9150	150	1440
14	27800	500	11300	22500	220	4930	4040	170	560	7910	160	1670
15	32200	6200	17600	18200	470	5670	11500	170	1880	3860	170	1150
16	29000	400	10000	12500	290	3430	8670	170	1590	16900	170	3920
17	15200	210	3160	12200	200	1600	15800	170	2940	7360	210	1670
18	7790	180	1560	4050	170	855	16400	210	2700	26800	190	5570
19	8420	180	1840	15500	170	1970	21500	170	2850	9570	210	1880
20	7420	190	1550	9980	180	1340	8220	150	1250	12800	190	2030
21	6300	210	1500	13100	170	1650	12000	150	1650	22300	200	4790
22	16400	190	2540	10200	150	942	12000	160	1580	30000	380	9140
23	16000	210	3080	8420	150	1130	18900	160	2390	22300	280	6510
24	19000	200	3750	14400	160	1500	21700	180	3590	8460	230	2080
25	20500	210	4500	8980	160	1100	4830	150	696	24100	280	5620
26	15300	270	3690	7970	150	886	5930	150	649	26600	240	5680
27	22100	230	5210	7190	140	815	8690	150	1730	15500	240	3590
28	22700	360	6560	10500	150	1290	3970	150	631	28400	268	7260
29	25600	390	8190	4030	150	1160	5240	140	619	23300	364	5420
30	26700	660	10200	1240	140	460	17400	140	2270	27300	272	7400
31	29800	840	10800	---	---	---	17200	160	2250	27600	374	6900
MONTH	45700	180	11200	42200	140	4570	42600	140	3250	30000	140	3330

WACCAMAW RIVER BASIN

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

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	31800	328	7870	8970	154	1850	92	86	89	94	78	84
2	27000	380	8000	5740	162	771	96	88	90	86	80	84
3	24700	366	6370	1750	152	322	94	86	90	110	82	89
4	21900	338	4280	560	154	248	92	86	88	140	90	100
5	11700	250	2670	404	142	168	98	86	91	160	90	103
6	17000	294	4040	160	140	148	96	90	92	160	86	97
7	16500	250	3700	164	146	153	104	92	97	122	90	96
8	8410	248	2380	164	148	156	112	100	106	978	100	162
9	17300	332	4740	158	136	148	116	102	108	514	100	161
10	21200	248	4720	144	134	139	116	106	109	3110	102	476
11	13500	248	3420	148	124	135	108	98	103	2960	108	562
12	11200	234	1850	130	124	127	106	96	100	3050	104	498
13	19400	208	4530	134	124	129	112	98	103	19800	108	2690
14	8370	266	1960	134	124	128	112	98	105	27400	144	4140
15	14900	210	2540	148	126	131	120	98	105	24500	154	3450
16	24300	216	5810	174	126	136	148	96	107	26700	128	3420
17	25300	290	4420	142	114	127	142	94	104	31500	130	4070
18	17000	220	3150	276	114	131	106	88	95	27300	168	4110
19	20000	246	3780	342	120	153	92	82	86	27300	118	2040
20	10900	244	2920	448	118	158	86	80	83	7970	108	877
21	10500	234	2880	138	116	128	82	78	81	1040	103	227
22	17300	174	2760	120	104	113	82	78	79	1980	108	338
23	11800	166	1150	116	104	109	86	80	82	4620	115	630
24	13800	166	1790	116	106	111	82	78	80	2930	115	578
25	3880	166	725	114	106	110	88	80	82	6640	134	1470
26	11700	170	1620	110	100	105	94	86	89	4500	130	1040
27	17600	162	2190	106	98	101	88	82	85	9580	129	1470
28	3590	158	793	104	94	99	88	82	84	12900	140	2020
29	---	---	---	104	92	96	88	82	85	8200	135	1330
30	---	---	---	---	---	---	90	84	88	14300	138	1910
31	---	---	---	96	88	91	---	---	---	7690	145	1180
MONTH	31800	158	3470	---	---	---	148	78	93	31500	78	1270

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	16600	128	1860	1050	90	163	406	108	154	14900	90	1390
2	12400	139	1720	226	98	124	484	108	163	19000	92	2250
3	8600	134	662	180	90	112	280	108	142	23100	96	3200
4	589	113	166	270	98	138	290	102	140	27200	106	4600
5	255	113	127	542	100	189	1160	104	214	30500	114	6260
6	152	114	125	344	108	179	4280	102	533	34000	198	8470
7	188	114	127	1250	100	261	5490	108	661	33400	176	9020
8	127	114	120	5090	108	704	9180	106	1050	35300	170	10100
9	154	121	130	18600	110	1890	7300	112	805	33300	224	9670
10	158	116	127	---	---	---	6830	108	827	31600	210	8220
11	116	116	116	---	---	---	7660	110	688	31500	254	9560
12	14600	100	1210	1210	120	247	2930	104	416	24900	226	6560
13	11600	118	1180	6000	130	589	972	106	266	17300	118	2610
14	19400	110	1570	2360	126	296	420	96	156	22500	120	3830
15	8130	118	1000	724	118	205	196	98	113	21500	116	3350
16	2790	118	391	384	116	156	120	94	103	26600	122	5830
17	730	108	162	234	112	134	104	90	96	33700	136	11100
18	308	100	129	216	116	140	104	90	95	33300	120	9200
19	144	98	105	238	116	142	100	88	93	30600	228	13800
20	116	98	104	158	120	135	104	88	94	32100	272	12400
21	124	98	108	252	126	149	96	86	90	33000	398	16100
22	108	90	97	260	116	140	---	---	---	33900	696	16300
23	98	90	94	178	116	131	---	---	---	31900	336	11700
24	98	80	94	140	118	127	---	---	---	38500	430	13200
25	108	90	97	134	112	121	---	---	---	39100	802	16000
26	126	90	98	140	108	120	---	---	---	38000	978	16200
27	154	90	103	156	106	117	9100	84	678	42800	766	17000
28	182	90	113	158	104	118	6860	84	521	44600	612	15900
29	300	90	118	1180	104	208	12500	88	1010	41300	304	11300
30	472	90	124	444	102	142	8030	90	937	33600	218	8510
31	---	---	---	498	102	151	7110	90	709	---	---	---
MONTH	19400	80	406	---	---	---	---	---	---	44600	90	9450

WACCAMAW RIVER BASIN

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

Temperature, water, degrees Celsius
 WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	27.4	26.2	26.9	19.6	18.8	19.3	11.3	10.4	11.0	11.1	9.9	10.6
2	27.6	26.4	27.1	19.0	18.0	18.7	11.1	10.2	10.7	11.1	10.4	10.7
3	28.0	26.7	27.4	18.3	17.7	18.0	11.1	10.3	10.7	11.3	10.4	10.8
4	28.4	27.3	27.8	17.7	17.2	17.5	11.0	9.4	10.0	10.8	10.3	10.5
5	28.7	27.4	28.1	17.7	16.9	17.1	9.5	8.9	9.1	10.4	9.7	10.0
6	28.7	27.7	28.2	17.9	17.2	17.5	9.4	8.6	8.9	10.3	9.6	9.9
7	28.5	27.2	28.0	17.4	16.6	16.9	9.2	8.2	8.6	9.7	8.7	9.0
8	28.0	26.4	27.3	17.0	16.1	16.5	9.0	8.0	8.4	9.0	7.7	8.5
9	26.5	25.2	26.0	17.0	15.9	16.5	9.0	8.2	8.5	9.3	8.2	8.7
10	26.0	25.2	25.6	17.5	16.6	17.0	8.6	8.1	8.3	10.2	9.2	9.7
11	25.6	25.2	25.4	18.1	17.2	17.7	8.7	8.2	8.4	10.1	9.3	9.7
12	26.0	24.9	25.3	18.4	17.8	18.0	8.7	8.0	8.4	9.6	8.7	9.0
13	26.1	25.0	25.6	18.0	17.0	17.6	9.5	8.6	9.0	8.8	8.4	8.6
14	25.7	23.9	24.9	17.5	16.3	16.9	9.7	9.0	9.3	8.9	8.0	8.5
15	24.2	22.6	23.2	16.9	16.2	16.6	9.7	8.8	9.3	8.8	7.9	8.5
16	22.9	21.8	22.4	16.9	16.5	16.7	9.9	8.8	9.4	8.4	7.5	8.1
17	22.3	21.4	21.8	17.0	15.9	16.7	9.9	9.2	9.5	8.5	7.9	8.3
18	21.6	20.8	21.3	15.9	15.2	15.7	9.5	9.1	9.3	8.0	7.3	7.6
19	21.3	20.4	20.9	15.5	14.7	15.0	9.9	9.1	9.4	7.5	6.7	7.1
20	21.6	20.7	21.2	15.2	14.5	14.8	11.0	9.8	10.3	7.5	6.1	6.8
21	21.8	20.9	21.4	15.2	14.7	14.9	10.6	9.8	10.2	8.4	6.9	7.6
22	21.3	20.6	20.9	15.2	14.3	14.8	10.6	9.6	10.0	8.1	7.5	7.8
23	20.9	19.9	20.4	14.3	13.4	13.7	10.7	9.8	10.2	7.7	6.2	6.9
24	20.5	19.6	20.0	13.8	12.8	13.3	10.3	10.1	10.2	6.2	5.0	5.4
25	19.9	19.0	19.5	13.7	12.7	13.2	10.7	9.6	10.3	5.9	4.4	5.1
26	20.3	19.3	19.7	14.0	12.8	13.4	10.0	9.3	9.6	5.8	5.0	5.3
27	20.9	19.4	20.0	13.8	12.8	13.3	9.6	8.9	9.3	5.8	4.8	5.3
28	21.2	20.0	20.5	13.0	11.9	12.5	9.1	8.4	8.8	6.0	4.7	5.4
29	21.4	20.5	20.8	12.0	11.2	11.7	9.1	8.4	8.8	6.8	5.4	6.1
30	21.2	20.2	20.7	11.5	10.9	11.2	9.6	8.6	9.2	7.5	6.7	7.1
31	20.4	19.2	20.0	---	---	---	10.0	9.3	9.6	7.8	7.2	7.5
MONTH	28.7	19.0	23.5	19.6	10.9	15.8	11.3	8.0	9.4	11.3	4.4	8.1

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	8.4	7.3	7.8	11.8	11.1	11.6	17.5	16.6	17.0	21.8	21.2	21.5
2	8.6	7.5	8.0	13.6	11.8	12.5	17.9	16.1	16.8	22.8	20.9	21.9
3	9.3	8.0	8.6	13.6	12.4	12.9	18.1	16.4	17.1	23.2	21.7	22.4
4	10.0	8.8	9.3	13.0	12.6	12.8	18.5	17.0	17.7	22.4	21.2	21.5
5	10.3	8.9	9.5	13.9	12.8	13.3	19.2	17.9	18.5	21.2	20.6	20.9
6	9.8	9.2	9.3	14.1	13.5	13.7	19.1	18.3	18.7	22.4	21.0	21.6
7	9.2	8.9	9.0	13.8	12.7	13.2	18.4	17.9	18.2	23.2	21.5	22.3
8	9.7	8.6	8.9	13.7	12.1	12.8	17.9	16.7	17.3	24.3	22.4	23.2
9	9.8	8.6	9.1	14.2	13.1	13.6	16.7	15.1	15.8	25.0	23.4	24.2
10	9.7	9.0	9.2	14.7	13.4	13.9	15.1	14.0	14.4	25.9	24.4	25.1
11	9.6	8.6	9.2	15.0	13.4	14.1	14.1	13.6	13.8	25.9	25.1	25.5
12	10.4	8.8	9.5	15.5	14.0	14.7	15.1	13.2	14.1	26.0	24.9	25.5
13	10.2	8.7	9.6	16.0	14.7	15.3	15.9	14.3	15.1	25.6	24.3	24.9
14	9.9	9.2	9.7	15.7	15.0	15.4	17.2	15.2	16.2	25.5	23.1	24.5
15	11.0	9.6	10.3	15.0	14.5	14.8	18.4	16.4	17.3	24.5	22.7	24.1
16	10.9	9.9	10.5	16.0	14.9	15.4	19.5	17.3	18.2	25.2	23.3	24.2
17	10.1	9.3	9.8	15.9	15.4	15.6	19.9	18.0	18.8	24.8	22.8	24.2
18	9.7	9.0	9.5	16.6	15.3	15.9	19.6	18.5	19.0	24.2	22.9	23.6
19	10.3	9.1	9.6	16.8	16.0	16.4	19.2	18.5	18.8	23.3	22.1	22.6
20	10.6	9.6	10.1	17.2	16.4	16.7	19.0	18.2	18.6	23.3	21.4	22.2
21	11.1	10.2	10.6	17.8	16.8	17.2	19.2	18.1	18.6	23.9	22.1	22.9
22	12.0	11.0	11.5	18.7	17.1	17.8	19.7	18.6	19.1	23.6	23.0	23.3
23	12.8	11.6	12.2	18.4	17.9	18.1	19.8	18.4	19.1	23.4	22.5	22.9
24	12.9	11.6	12.2	19.0	17.8	18.3	19.9	18.7	19.4	23.7	22.4	23.1
25	12.9	12.2	12.5	19.2	17.8	18.4	19.5	18.9	19.2	24.7	23.1	24.0
26	12.7	11.8	12.3	19.5	18.3	18.8	19.6	18.7	19.1	25.8	24.3	25.0
27	12.2	11.4	11.8	19.0	18.2	18.8	19.6	18.8	19.2	25.2	24.5	25.0
28	11.8	11.0	11.5	18.9	18.0	18.5	20.4	19.0	19.7	25.8	24.3	24.9
29	---	---	---	19.9	18.7	19.3	21.3	19.8	20.5	25.4	24.2	24.8
30	---	---	---	---	---	---	22.1	20.6	21.3	25.7	24.1	24.9
31	---	---	---	18.4	17.3	17.8	---	---	---	26.2	24.6	25.2
MONTH	12.9	7.3	10.0	---	---	---	22.1	13.2	17.9	26.2	20.6	23.6

WACCAMAW RIVER BASIN

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

Temperature, water, degrees Celsius
 WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	26.1	24.4	25.2	28.3	27.8	28.0	29.7	28.0	28.8	30.4	29.2	29.9
2	26.4	24.6	25.4	27.8	26.8	27.2	29.8	28.3	29.0	30.4	29.1	29.8
3	26.5	24.9	25.7	28.0	26.3	27.2	29.6	28.4	28.9	30.5	29.3	29.9
4	26.0	25.2	25.5	28.9	26.9	27.8	29.2	28.0	28.5	30.3	29.4	29.8
5	26.1	24.5	25.3	29.0	27.6	28.3	29.0	27.6	28.3	29.8	28.8	29.4
6	26.0	24.7	25.4	28.7	27.8	28.3	28.7	27.9	28.3	29.0	27.0	28.0
7	26.1	25.6	25.8	28.9	27.7	28.3	29.0	27.9	28.3	27.2	26.1	26.6
8	26.0	25.4	25.7	29.7	28.1	28.8	29.2	27.9	28.5	26.2	25.6	25.9
9	26.5	25.2	25.8	30.5	28.9	29.6	29.0	28.1	28.6	26.3	25.4	25.8
10	---	---	---	---	---	---	29.2	28.0	28.7	26.0	25.3	25.6
11	---	---	---	---	---	---	29.4	28.0	28.7	25.5	24.5	25.1
12	---	---	---	29.7	28.3	29.2	29.8	28.0	28.9	25.3	24.4	25.0
13	29.4	27.9	28.5	28.3	27.4	27.6	29.8	28.4	29.0	25.2	24.4	24.7
14	28.9	27.8	28.4	28.1	27.2	27.5	29.8	28.3	28.9	25.4	24.0	24.7
15	29.5	27.8	28.6	28.8	27.2	27.9	30.1	28.1	29.0	25.8	24.6	25.2
16	29.0	27.6	28.2	29.4	27.7	28.4	29.6	28.3	28.9	26.0	25.0	25.6
17	29.0	27.2	28.0	29.7	28.0	28.7	29.4	28.0	28.6	25.8	24.6	25.2
18	28.4	27.6	27.8	29.3	28.0	28.6	28.6	27.7	28.1	25.4	23.1	24.2
19	28.1	27.0	27.5	28.6	27.0	27.8	28.8	27.3	28.0	24.0	22.7	23.5
20	27.8	26.6	27.2	28.3	26.9	27.5	28.8	27.6	28.1	24.6	23.6	24.0
21	27.3	25.9	26.6	28.9	27.4	28.1	29.0	27.6	28.2	25.3	24.2	24.7
22	27.3	25.9	26.5	29.2	27.9	28.5	---	---	---	25.7	25.0	25.3
23	27.2	25.8	26.5	28.3	27.2	27.9	---	---	---	26.0	25.4	25.6
24	27.3	25.8	26.5	27.2	25.9	26.7	---	---	---	26.1	25.3	25.6
25	27.6	26.0	26.8	26.1	25.6	25.8	---	---	---	26.3	25.2	25.8
26	27.9	26.4	27.2	26.3	25.6	25.9	---	---	---	26.0	25.3	25.6
27	28.4	26.8	27.6	27.4	25.8	26.6	29.6	28.4	28.9	25.8	24.9	25.4
28	28.5	27.1	27.9	28.3	26.6	27.5	29.8	28.6	29.1	25.8	25.2	25.6
29	29.0	27.5	28.3	28.6	27.1	27.9	30.0	28.8	29.5	25.7	24.6	24.9
30	28.9	27.5	28.3	29.2	27.4	28.3	30.4	29.2	29.8	24.8	23.4	24.0
31	---	---	---	29.5	28.0	28.7	30.4	29.2	29.8	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	30.5	22.7	26.0

WACCAMAW RIVER BASIN

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

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	5.3	4.7	5.0	6.7	5.9	6.3	9.4	8.5	9.1	10.0	9.4	9.7
2	5.4	4.6	4.9	6.8	6.1	6.4	9.7	8.8	9.3	9.8	9.4	9.6
3	4.9	4.2	4.5	6.9	6.1	6.6	9.8	9.1	9.5	9.9	9.3	9.6
4	4.8	4.2	4.6	7.0	6.3	6.7	10.3	9.4	9.9	9.9	9.4	9.6
5	5.3	4.6	4.9	7.1	6.6	6.9	10.6	9.7	10.2	9.8	9.3	9.6
6	5.4	4.5	4.9	7.4	6.8	7.1	10.7	9.8	10.2	9.7	9.0	9.4
7	5.5	4.7	5.1	7.5	6.9	7.1	10.7	9.9	10.3	9.9	9.3	9.6
8	5.6	4.6	5.2	7.5	6.7	7.2	10.6	9.9	10.3	10.0	9.4	9.7
9	5.8	4.6	5.4	7.5	6.9	7.2	10.6	9.9	10.3	10.1	9.7	9.9
10	5.6	5.1	5.4	7.4	6.8	7.2	10.8	10.1	10.5	10.0	9.5	9.8
11	5.4	4.8	5.1	7.4	7.1	7.3	10.7	10.2	10.5	9.9	9.4	9.7
12	5.8	4.8	5.3	7.2	6.9	7.1	10.7	9.9	10.4	9.9	9.4	9.7
13	5.7	4.9	5.2	7.4	7.0	7.2	10.7	10.0	10.4	10.0	9.4	9.7
14	5.7	4.6	5.2	7.2	6.8	7.1	10.6	9.9	10.3	9.9	9.5	9.8
15	6.2	5.0	5.5	7.2	6.8	7.1	10.8	10.2	10.5	10.1	9.7	9.9
16	5.9	5.1	5.5	7.2	6.7	7.0	10.7	9.8	10.3	10.4	9.7	10.1
17	6.4	5.4	6.0	7.0	6.7	6.9	10.3	9.8	10.0	10.5	9.8	10.3
18	6.4	5.7	6.2	7.0	6.7	6.8	10.4	9.7	10.1	10.8	10.0	10.5
19	6.2	5.7	5.9	7.3	6.7	7.1	10.5	9.7	10.1	10.9	10.2	10.5
20	5.9	5.5	5.7	7.3	7.0	7.1	10.3	9.8	10.0	11.2	10.4	10.8
21	5.8	5.4	5.6	7.2	6.7	6.9	10.3	9.6	9.9	11.2	10.5	10.9
22	6.0	5.4	5.7	7.2	6.6	6.8	10.4	9.6	10.0	11.2	10.5	10.9
23	6.1	5.6	6.0	7.3	6.8	7.1	10.3	9.6	9.9	11.4	10.6	11.1
24	6.4	6.0	6.2	7.6	7.1	7.3	10.2	9.4	9.9	11.8	11.0	11.3
25	6.6	6.1	6.5	7.5	7.1	7.3	---	---	---	11.8	11.0	11.5
26	6.6	6.1	6.5	7.9	7.0	7.5	10.1	9.5	9.8	11.8	11.1	11.5
27	6.5	5.8	6.3	7.8	7.4	7.7	10.2	9.5	9.8	---	---	---
28	6.3	5.8	6.1	8.1	7.2	7.8	10.1	9.5	9.8	---	---	---
29	6.3	5.4	6.0	8.6	7.7	8.2	10.0	9.5	9.8	---	---	---
30	6.1	5.3	5.8	9.1	8.5	8.9	10.2	9.4	9.8	---	---	---
31	6.4	5.7	6.1	---	---	---	9.9	9.5	9.7	---	---	---
MONTH	6.6	4.2	5.6	9.1	5.9	7.2	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	9.5	8.9	9.1	4.1	3.2	3.6	3.0	1.7	2.6
2	---	---	---	9.0	8.5	8.9	4.0	3.4	3.7	3.4	2.4	3.0
3	---	---	---	8.9	8.3	8.7	3.8	3.2	3.5	4.1	2.7	3.3
4	---	---	---	8.7	8.2	8.5	3.7	3.0	3.4	4.5	3.6	4.1
5	---	---	---	8.4	8.0	8.2	3.8	2.9	3.3	4.6	3.8	4.3
6	---	---	---	8.1	7.8	7.9	3.8	2.9	3.4	4.5	3.4	4.2
7	---	---	---	8.5	7.8	8.1	4.8	3.5	4.0	4.4	3.0	3.9
8	---	---	---	8.4	7.9	8.1	4.3	3.5	4.0	4.2	3.3	3.9
9	---	---	---	8.0	7.2	7.6	5.8	3.7	5.2	4.2	3.2	3.9
10	---	---	---	7.5	7.2	7.3	6.4	5.2	6.1	4.5	3.5	4.1
11	---	---	---	7.8	7.2	7.5	6.2	5.0	5.8	4.6	3.8	4.4
12	---	---	---	7.3	6.8	7.1	5.8	4.6	5.4	5.0	4.0	4.6
13	---	---	---	6.9	6.0	6.8	5.5	4.6	5.2	5.4	4.4	4.9
14	---	---	---	7.2	6.3	6.9	5.8	4.9	5.4	5.8	4.4	5.1
15	---	---	---	7.4	6.7	7.1	5.8	5.3	5.6	5.7	4.2	5.1
16	---	---	---	7.4	5.3	6.9	5.5	4.7	5.2	5.5	4.3	4.9
17	---	---	---	6.9	5.7	6.6	5.2	4.4	4.9	6.2	3.9	4.9
18	---	---	---	6.7	6.0	6.4	5.2	4.6	5.0	6.0	4.9	5.4
19	---	---	---	6.3	5.0	6.0	5.2	3.5	4.5	6.5	5.1	5.9
20	10.5	10.0	10.2	6.8	4.9	6.1	4.3	3.0	4.0	6.3	5.5	6.0
21	10.5	9.7	10.0	6.4	4.3	5.8	4.0	3.2	3.8	6.1	5.1	5.7
22	10.2	9.4	9.7	5.7	3.8	5.2	3.7	3.2	3.6	5.7	5.1	5.5
23	10.0	9.5	9.7	5.2	3.5	4.6	3.3	2.7	3.2	6.2	5.3	5.8
24	9.9	9.3	9.6	4.4	3.5	4.1	2.7	2.1	2.4	5.9	5.4	5.7
25	9.5	9.0	9.3	4.4	3.4	4.0	2.8	1.7	2.3	6.0	5.4	5.7
26	9.7	9.2	9.4	4.1	3.4	3.9	2.8	2.2	2.6	5.7	5.3	5.5
27	9.8	9.0	9.3	4.4	3.4	4.0	2.7	2.0	2.4	5.5	5.1	5.3
28	9.4	9.0	9.2	4.4	3.2	4.1	2.6	1.7	2.3	5.7	4.9	5.4
29	---	---	---	4.3	3.1	3.7	2.6	1.3	2.2	5.7	5.1	5.4
30	---	---	---	---	---	---	2.6	1.7	2.3	5.6	4.9	5.3
31	---	---	---	3.9	3.3	3.6	---	---	---	6.1	4.8	5.4
MONTH	---	---	---	---	---	---	6.4	1.3	3.9	6.5	1.7	4.8

WACCAMAW RIVER BASIN

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

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

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

WACCAMAW RIVER BASIN

02110802 WACCAMAW RIVER AT BUCKSPORT, SC

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 and 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 good except for Nov. 5-25, Jan. 9 to Feb. 4, and Apr. 24-29, which are fair. Dissolved oxygen concentrations are not corrected for salinity.

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, 29.8°C, July 9; minimum, 4.0°C, Jan. 28.

DISSOLVED OXYGEN: Maximum, 11.0 mg/L, Jan. 29; minimum, 0.1 mg/L, Apr. 25-28.

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	26.3	25.6	26.0	18.8	18.4	18.5	---	---	---	10.2	8.5	9.3
2	26.4	25.7	26.0	18.5	17.7	17.9	---	---	---	10.2	9.2	9.9
3	26.5	25.8	26.1	17.7	16.8	17.1	---	---	---	10.3	9.3	9.9
4	26.8	26.1	26.5	16.9	16.2	16.4	---	---	---	10.0	9.3	9.6
5	27.1	26.4	26.8	16.3	15.8	16.0	---	---	---	9.4	8.6	8.9
6	27.3	26.7	27.0	16.9	16.0	16.5	---	---	---	9.2	8.6	8.9
7	27.3	26.7	27.0	16.7	16.1	16.3	---	---	---	9.0	8.3	8.7
8	27.0	25.8	26.4	16.1	15.6	15.8	---	---	---	8.6	8.0	8.3
9	25.8	25.0	25.4	15.8	15.3	15.6	---	---	---	9.1	8.2	8.6
10	25.6	24.6	25.0	16.2	15.5	15.9	---	---	---	9.7	8.7	9.2
11	25.3	24.5	24.9	16.9	15.9	16.5	---	---	---	9.5	8.7	9.1
12	25.0	24.2	24.6	17.4	16.8	17.0	---	---	---	9.0	8.3	8.7
13	24.8	24.3	24.6	17.4	16.8	17.2	---	---	---	8.5	7.9	8.2
14	24.4	23.8	24.1	16.8	16.0	16.4	---	---	---	8.4	7.6	8.1
15	23.9	22.5	22.9	16.0	15.6	15.7	---	---	---	8.2	7.6	7.9
16	22.8	21.7	22.2	16.0	15.3	15.7	---	---	---	7.9	7.1	7.6
17	21.8	20.9	21.1	16.0	15.6	15.9	8.9	8.3	8.7	7.9	7.3	7.8
18	21.0	20.1	20.3	15.6	14.7	15.0	8.8	8.2	8.6	7.7	6.5	7.1
19	20.2	19.2	19.6	14.8	14.0	14.3	9.2	8.3	8.8	6.8	6.2	6.5
20	20.0	19.1	19.6	14.4	13.6	14.0	11.0	9.0	10.0	6.7	5.9	6.3
21	20.0	19.5	19.8	14.3	13.7	14.0	10.5	10.0	10.3	7.2	6.4	6.7
22	19.9	19.2	19.5	14.2	13.6	14.0	10.3	9.7	10.0	7.2	6.3	6.8
23	19.2	18.9	19.1	13.6	12.9	13.2	10.3	9.6	10.1	6.7	5.6	6.1
24	19.1	18.8	18.9	13.0	12.4	12.8	10.2	9.3	9.8	5.6	4.8	5.1
25	18.9	18.6	18.8	12.9	12.2	12.6	10.1	9.4	9.8	5.0	4.3	4.8
26	19.0	18.8	18.9	12.9	12.3	12.5	9.9	9.1	9.5	5.2	4.5	4.8
27	19.4	18.9	19.1	12.8	12.2	12.5	9.4	8.3	8.8	5.2	4.5	4.9
28	19.9	19.2	19.5	12.4	11.0	11.8	8.6	7.8	8.2	5.2	4.0	4.6
29	20.1	19.5	19.9	11.2	10.4	10.8	8.3	7.6	8.0	5.6	4.2	4.9
30	20.0	19.4	19.8	10.8	10.2	10.4	8.5	7.5	8.0	6.2	5.0	5.7
31	19.5	18.8	19.3	---	---	---	8.8	7.7	8.3	6.4	5.6	6.1
MONTH	27.3	18.6	22.5	18.8	10.2	14.9	---	---	---	10.3	4.0	7.4

WACCAMAW RIVER BASIN

02110802 WACCAMAW RIVER AT BUCKSPORT, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	7.0	6.0	6.5	11.2	9.7	10.7	---	---	---	21.3	21.0	21.2
2	7.4	6.5	6.9	12.8	9.8	11.2	---	---	---	21.8	20.5	21.1
3	8.1	7.0	7.5	13.0	11.6	12.2	16.7	15.9	16.2	22.1	21.2	21.6
4	8.9	7.8	8.4	12.7	11.0	12.2	17.8	16.7	17.1	22.0	21.1	21.5
5	9.1	8.6	8.8	13.6	11.9	12.7	18.8	17.6	18.1	21.2	20.1	20.7
6	9.1	8.5	8.8	14.1	13.1	13.6	18.8	18.2	18.6	21.4	20.4	20.9
7	8.8	8.3	8.5	14.0	13.2	13.7	18.3	17.5	18.1	22.2	21.3	21.6
8	9.0	8.4	8.7	13.4	11.8	13.0	17.5	15.8	16.8	24.2	21.8	22.7
9	9.3	8.5	8.9	13.6	11.7	13.0	15.9	14.5	15.4	24.7	22.6	23.7
10	9.4	8.7	9.1	13.7	12.1	13.2	14.7	14.0	14.5	25.3	23.1	24.5
11	9.7	8.7	9.2	14.8	12.3	13.5	14.0	13.2	13.7	25.8	23.1	24.9
12	9.9	8.9	9.4	15.2	13.6	14.4	14.2	12.8	13.5	25.5	23.5	25.0
13	9.9	8.4	9.3	15.5	14.2	15.1	15.1	13.8	14.4	25.3	22.7	24.5
14	9.5	8.5	9.2	15.7	14.5	15.2	16.2	14.9	15.5	24.4	22.2	23.6
15	10.3	8.4	9.5	14.5	13.6	13.9	17.3	16.0	16.5	23.2	21.8	22.5
16	10.2	8.6	9.6	14.6	13.5	14.0	17.8	16.7	17.1	23.0	21.4	22.1
17	9.2	8.3	8.7	14.8	14.3	14.5	18.5	17.3	17.9	22.4	21.4	21.9
18	8.7	8.1	8.5	15.6	14.5	14.9	18.3	16.9	17.4	22.1	21.1	21.3
19	9.1	7.8	8.5	15.7	15.1	15.3	17.2	16.8	16.9	21.5	20.6	20.9
20	9.6	8.0	8.9	---	---	---	17.0	16.4	16.7	21.7	19.9	20.6
21	10.1	8.1	9.2	---	---	---	17.5	16.5	16.8	22.8	20.6	21.8
22	11.6	8.3	9.9	---	---	---	17.1	16.9	17.0	22.8	21.4	22.5
23	12.3	10.0	11.5	---	---	---	17.3	16.9	17.1	22.8	21.4	22.4
24	12.8	10.9	12.1	---	---	---	18.1	17.2	17.6	23.1	21.8	22.6
25	13.2	11.1	12.5	---	---	---	18.6	18.0	18.5	23.5	22.0	22.9
26	12.8	11.0	12.0	---	---	---	18.8	18.3	18.5	24.1	22.4	23.5
27	12.2	10.5	11.3	---	---	---	19.1	18.5	18.8	24.1	21.9	23.6
28	11.6	9.9	11.0	---	---	---	19.8	18.8	19.2	24.4	21.9	23.4
29	---	---	---	---	---	---	20.5	19.4	19.8	24.4	21.7	23.5
30	---	---	---	---	---	---	21.4	20.3	20.7	24.6	22.1	23.6
31	---	---	---	---	---	---	---	---	---	24.6	22.0	23.4
MONTH	13.2	6.0	9.4	---	---	---	---	---	---	25.8	19.9	22.6

DAY	MAX	MIN	MEAN	Temperature, water, degrees Celsius			MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	24.9	22.2	23.9	26.8	25.8	26.4	27.5	26.8	27.1	---	---	---
2	23.9	22.1	23.0	26.4	25.6	25.9	27.9	26.6	27.2	---	---	---
3	23.1	21.6	22.2	26.9	25.6	26.3	27.6	26.9	27.2	28.6	28.0	28.3
4	22.9	21.6	22.2	27.3	26.1	26.9	27.4	26.7	27.0	28.4	27.8	28.1
5	24.0	21.9	23.0	27.8	26.2	27.2	27.8	26.7	27.2	28.0	27.4	27.9
6	24.0	22.5	23.3	28.1	26.7	27.5	27.6	27.0	27.2	27.5	26.4	26.9
7	23.9	22.9	23.4	28.8	27.0	27.8	27.5	27.1	27.2	26.7	25.3	25.7
8	24.7	23.4	24.0	28.9	27.5	28.1	27.4	27.0	27.2	26.0	24.9	25.2
9	26.4	24.1	25.0	29.8	27.5	28.4	27.1	26.7	26.9	25.5	24.6	25.1
10	26.8	24.4	25.7	29.3	27.6	28.2	27.2	26.3	26.8	25.6	24.6	24.9
11	27.4	24.4	26.1	29.0	27.6	28.1	27.3	26.6	27.0	24.9	23.9	24.4
12	27.3	25.0	26.4	28.6	27.5	28.0	27.4	26.6	27.0	24.4	23.8	24.1
13	27.2	25.0	26.4	28.3	27.0	27.7	27.4	26.8	27.2	24.2	23.5	23.8
14	27.4	25.1	26.6	27.7	26.8	27.2	27.8	26.8	27.3	24.3	23.2	23.8
15	27.9	25.2	26.7	27.4	26.4	27.0	27.8	27.1	27.5	24.6	23.7	24.2
16	---	---	---	27.8	26.4	27.2	28.5	27.3	27.7	24.8	24.0	24.5
17	---	---	---	27.9	26.9	27.4	28.3	27.2	27.7	24.5	23.9	24.3
18	---	---	---	27.7	26.9	27.4	27.6	26.9	27.4	24.0	23.0	23.5
19	27.1	25.2	26.3	27.5	26.8	27.2	27.4	26.7	27.0	23.9	22.8	23.3
20	27.2	26.5	27.0	27.8	26.6	27.1	27.6	26.9	27.2	24.4	23.3	23.7
21	26.8	26.2	26.5	28.2	27.1	27.5	28.4	27.2	27.4	24.5	23.7	24.0
22	26.2	25.8	26.0	28.0	27.3	27.6	27.7	27.3	27.4	24.7	24.0	24.3
23	25.8	25.3	25.5	27.3	26.2	26.8	28.0	26.9	27.3	24.9	24.5	24.6
24	26.1	25.1	25.5	26.3	25.6	25.8	27.5	27.0	27.3	24.8	24.1	24.5
25	26.4	25.3	25.7	25.8	25.3	25.6	27.5	26.7	27.1	24.8	24.0	24.5
26	26.9	25.4	26.1	25.7	25.4	25.5	27.9	26.9	27.3	24.6	23.9	24.2
27	27.1	25.3	26.4	26.1	25.2	25.7	28.1	27.2	27.6	24.4	23.6	24.0
28	27.3	25.5	26.5	26.5	25.7	26.2	28.4	27.4	27.9	24.7	23.7	24.2
29	27.2	25.7	26.5	27.1	26.1	26.6	---	---	---	24.2	22.8	23.5
30	27.2	25.6	26.5	27.6	26.6	27.0	---	---	---	22.8	21.7	22.3
31	---	---	---	27.5	27.1	27.2	---	---	---	---	---	---
MONTH	---	---	---	29.8	25.2	27.0	---	---	---	---	---	---

WACCAMAW RIVER BASIN

02110802 WACCAMAW RIVER AT BUCKSPORT, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	3.0	2.7	2.8	5.3	4.5	4.9	---	---	---	8.9	8.3	8.5
2	2.8	2.6	2.7	5.6	4.7	5.1	---	---	---	8.5	8.1	8.2
3	2.7	2.4	2.6	5.7	5.0	5.3	---	---	---	8.4	7.9	8.1
4	2.8	2.4	2.7	6.1	5.2	5.5	---	---	---	8.2	7.8	8.1
5	2.9	2.5	2.7	6.4	5.3	5.7	---	---	---	8.3	7.9	8.1
6	3.0	2.5	2.8	6.6	5.6	6.0	---	---	---	8.2	7.9	8.1
7	3.5	2.5	2.8	6.3	5.4	5.8	---	---	---	8.4	7.9	8.2
8	3.6	3.0	3.3	6.4	5.7	6.0	---	---	---	8.5	8.2	8.3
9	3.6	2.9	3.2	6.5	5.6	5.9	---	---	---	8.6	8.3	8.4
10	3.5	2.8	3.1	6.8	5.5	5.9	---	---	---	8.6	8.3	8.4
11	3.8	3.0	3.4	6.5	5.4	5.8	---	---	---	8.5	8.2	8.3
12	3.5	2.8	3.2	5.8	5.3	5.5	---	---	---	8.6	8.3	8.5
13	3.1	2.4	2.7	5.8	5.4	5.6	---	---	---	8.7	8.4	8.5
14	3.7	2.2	2.8	5.7	5.3	5.5	---	---	---	8.7	8.4	8.6
15	4.5	2.8	3.8	5.8	5.4	5.5	---	---	---	8.8	8.5	8.7
16	4.3	3.4	3.9	5.5	5.1	5.3	---	---	---	9.2	8.6	8.8
17	3.5	2.9	3.2	5.4	5.0	5.1	9.1	8.6	8.8	9.2	8.8	8.9
18	3.3	2.9	3.1	5.4	5.2	5.3	9.3	8.6	8.9	9.6	8.8	9.1
19	3.4	3.0	3.3	6.0	5.2	5.6	9.1	8.6	8.8	9.5	9.0	9.3
20	3.6	3.2	3.4	6.0	5.5	5.7	8.8	8.1	8.5	9.8	9.2	9.5
21	4.0	3.2	3.5	6.2	5.4	5.7	8.3	8.0	8.1	10.1	9.4	9.7
22	4.8	3.4	3.8	6.0	5.3	5.6	8.3	8.0	8.1	10.1	9.4	9.7
23	4.7	3.7	4.1	6.2	5.7	5.9	8.2	7.9	8.1	10.1	9.4	9.8
24	4.7	3.8	4.2	6.3	5.8	6.0	8.2	7.8	8.0	10.4	9.8	10.0
25	4.8	4.1	4.4	7.0	5.9	6.5	8.3	7.8	8.1	10.5	9.9	10.1
26	4.7	4.1	4.4	6.9	6.6	6.8	8.3	8.0	8.2	10.5	9.9	10.1
27	4.9	4.1	4.3	7.0	6.6	6.8	8.3	8.1	8.2	10.4	9.8	10.1
28	5.2	4.1	4.4	7.1	6.9	7.0	8.4	8.1	8.3	10.9	9.9	10.4
29	5.4	4.0	4.3	7.4	7.0	7.2	8.5	8.3	8.4	11.0	10.0	10.4
30	4.9	4.0	4.3	7.9	7.4	7.7	8.8	8.3	8.6	10.9	9.8	10.3
31	5.2	4.2	4.6	---	---	---	8.9	8.4	8.6	10.7	9.8	10.2
MONTH	5.4	2.2	3.5	7.9	4.5	5.9	---	---	---	11.0	7.8	9.1

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	10.5	9.6	10.0	8.3	7.4	7.8	---	---	---	1.6	0.8	1.1
2	10.4	9.4	9.8	8.1	6.9	7.7	---	---	---	1.6	0.8	1.2
3	10.0	9.3	9.6	7.6	6.9	7.3	3.4	1.5	2.0	1.7	1.0	1.3
4	10.8	9.2	10.0	7.5	6.6	7.1	2.1	1.5	1.8	1.8	1.1	1.4
5	10.6	9.9	10.3	7.4	6.7	7.0	2.1	1.4	1.8	3.7	1.2	1.8
6	10.3	9.8	10.2	7.1	6.3	6.7	2.3	1.5	1.9	2.4	1.6	1.9
7	10.4	9.4	10.1	6.8	6.2	6.5	2.7	1.7	2.2	2.4	2.0	2.2
8	10.0	9.7	9.9	7.0	6.0	6.6	2.9	2.4	2.7	2.8	2.0	2.2
9	9.9	9.4	9.8	7.3	5.9	6.6	3.7	2.9	3.4	3.0	2.1	2.3
10	9.8	9.4	9.7	7.2	6.0	6.5	4.2	3.4	4.0	3.2	2.3	2.5
11	9.7	9.1	9.5	7.3	6.2	6.7	4.2	3.4	4.0	3.9	2.4	2.8
12	9.6	8.9	9.4	6.7	5.8	6.3	4.2	3.4	3.9	4.0	2.7	3.0
13	9.9	9.2	9.5	6.4	5.3	6.0	4.3	3.5	4.0	4.3	2.9	3.2
14	9.9	9.2	9.5	6.8	5.3	6.1	4.1	3.4	3.8	4.3	3.0	3.5
15	9.9	9.2	9.5	7.2	5.7	6.6	3.8	3.1	3.5	4.3	3.4	3.9
16	9.9	9.1	9.6	6.8	5.9	6.4	3.4	2.7	3.2	4.3	3.6	3.9
17	9.8	9.2	9.6	6.5	5.5	6.1	3.2	2.8	3.0	4.4	3.8	4.1
18	9.6	9.4	9.5	6.4	5.2	5.9	5.0	3.0	4.4	4.5	3.8	4.2
19	9.6	9.2	9.4	6.2	5.1	5.7	5.2	4.9	5.1	4.5	4.0	4.3
20	9.8	8.6	9.3	---	---	---	5.4	4.9	5.2	4.5	3.8	4.2
21	9.8	8.8	9.3	---	---	---	5.2	4.8	5.1	4.3	3.0	3.7
22	10.0	8.6	9.3	---	---	---	5.0	4.2	4.6	4.0	3.0	3.2
23	9.5	7.9	8.6	---	---	---	4.4	2.6	3.6	3.9	3.1	3.6
24	8.7	7.7	8.2	---	---	---	2.6	1.5	1.9	4.3	3.3	3.6
25	8.4	7.4	7.8	---	---	---	2.2	0.1	1.1	5.1	3.4	3.7
26	8.6	7.2	7.9	---	---	---	1.4	0.1	0.4	5.2	3.2	3.7
27	8.8	7.4	8.0	---	---	---	0.7	0.1	0.3	5.0	3.2	3.6
28	8.2	7.4	7.8	---	---	---	0.8	0.1	0.3	5.2	3.2	3.7
29	---	---	---	---	---	---	1.4	0.2	0.8	5.2	3.3	3.8
30	---	---	---	---	---	---	1.7	0.9	1.2	4.9	3.4	3.8
31	---	---	---	---	---	---	---	---	---	5.0	3.5	4.2
MONTH	10.8	7.2	9.3	---	---	---	---	---	---	5.2	0.8	3.1

WACCAMAW RIVER BASIN

02110802 WACCAMAW RIVER AT BUCKSPORT, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	5.0	3.8	4.2	3.4	2.2	2.5	3.0	2.7	2.9	---	---	---
2	5.0	4.2	4.6	3.6	2.5	3.1	3.0	2.7	2.9	---	---	---
3	5.0	4.3	4.8	3.5	2.7	2.9	3.1	2.7	2.9	2.8	2.5	2.6
4	5.1	4.5	4.9	2.8	2.5	2.7	3.0	2.8	2.9	2.7	2.4	2.5
5	5.0	4.0	4.5	3.2	2.7	2.9	3.0	2.8	2.9	3.0	2.3	2.6
6	4.8	4.1	4.4	3.4	2.8	3.0	3.4	2.9	3.1	3.9	2.6	3.2
7	4.8	4.2	4.6	3.6	3.0	3.2	3.3	2.8	3.0	4.3	3.4	3.7
8	4.6	3.7	4.2	3.2	3.0	3.1	3.2	2.8	2.9	4.4	3.6	3.9
9	4.2	3.1	3.6	3.2	2.9	3.1	3.4	2.8	3.1	4.4	3.6	4.0
10	3.9	2.9	3.1	3.1	2.7	3.0	3.5	3.0	3.3	4.5	3.7	4.1
11	3.8	2.2	3.0	3.3	2.7	3.0	3.5	3.2	3.3	4.8	3.9	4.3
12	4.0	2.3	3.1	3.2	2.9	3.1	3.3	2.9	3.0	4.9	4.0	4.5
13	4.0	2.5	3.0	3.2	2.9	3.0	3.0	2.7	2.8	4.5	3.3	4.0
14	3.7	2.4	2.9	3.2	2.8	3.0	2.9	2.6	2.7	4.2	3.3	3.8
15	3.6	2.4	3.0	3.2	2.7	2.9	2.7	2.4	2.5	4.2	3.3	3.8
16	---	---	---	3.2	2.6	2.8	2.7	2.4	2.5	4.4	3.2	3.8
17	---	---	---	3.2	2.7	3.0	2.9	2.5	2.7	4.6	3.6	4.1
18	---	---	---	3.2	2.9	3.1	3.3	2.5	2.9	4.8	4.0	4.5
19	3.7	2.6	3.0	3.8	3.0	3.5	3.1	2.8	3.0	4.6	3.8	4.2
20	2.7	2.2	2.5	3.8	3.4	3.6	3.0	2.5	2.7	4.4	3.8	4.1
21	2.6	2.2	2.4	3.6	3.2	3.4	2.8	2.3	2.5	4.7	4.0	4.2
22	2.4	2.0	2.2	4.0	3.3	3.6	2.7	2.3	2.4	4.8	4.2	4.5
23	2.0	1.6	1.8	4.7	3.7	4.0	2.8	2.3	2.5	4.6	4.0	4.3
24	2.0	1.5	1.7	4.4	4.0	4.2	3.4	2.4	2.6	4.6	3.9	4.2
25	2.2	1.5	1.7	4.0	3.8	3.9	3.3	2.6	2.8	4.6	4.0	4.3
26	3.4	1.5	1.8	3.8	3.5	3.7	3.3	2.5	2.8	4.5	3.9	4.2
27	3.5	1.6	2.0	3.9	3.5	3.6	3.1	2.4	2.6	4.6	3.8	4.1
28	3.6	1.7	2.2	3.8	3.4	3.5	2.9	2.4	2.5	5.2	3.6	4.3
29	3.6	2.1	2.6	3.4	3.1	3.3	---	---	---	5.3	3.5	4.4
30	3.5	2.4	2.6	3.3	2.9	3.0	---	---	---	5.4	3.6	4.5
31	---	---	---	3.0	2.8	2.9	---	---	---	---	---	---
MONTH	---	---	---	4.7	2.2	3.2	---	---	---	---	---	---

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 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	190	160	180	---	---	---	130	130	130	---	---	---
2	---	---	---	---	---	---	140	130	130	---	---	---
3	---	---	---	---	---	---	140	130	132	---	---	---
4	200	170	178	---	---	---	140	130	138	---	---	---
5	190	170	179	---	---	---	140	140	140	---	---	---
6	190	180	181	160	150	156	150	140	140	---	---	---
7	200	180	185	160	140	150	150	140	145	---	---	---
8	210	180	188	160	150	151	150	140	146	---	---	---
9	230	160	194	170	150	161	150	140	142	---	---	---
10	250	190	199	170	160	165	150	140	141	120	110	110
11	270	190	203	160	150	154	140	130	136	120	110	110
12	210	170	194	160	150	150	140	130	138	120	110	111
13	200	170	182	150	130	141	---	---	---	120	110	111
14	200	180	190	140	130	138	---	---	---	120	110	118
15	220	190	205	160	140	146	---	---	---	120	120	120
16	220	190	207	160	150	159	---	---	---	120	120	120
17	200	170	179	160	130	146	---	---	---	130	120	120
18	180	150	161	140	120	131	---	---	---	130	120	121
19	160	150	152	140	130	130	---	---	---	130	120	125
20	150	140	147	130	120	130	---	---	---	130	120	130
21	160	140	144	130	120	130	---	---	---	130	126	129
22	140	130	139	130	120	130	---	---	---	131	124	126
23	140	130	139	130	120	122	---	---	---	126	123	124
24	150	140	146	130	120	124	---	---	---	132	125	128
25	150	140	150	130	120	124	---	---	---	139	130	134
26	160	150	154	130	120	128	---	---	---	138	131	134
27	160	150	159	130	120	130	---	---	---	134	127	129
28	160	160	160	130	130	130	---	---	---	133	127	129
29	160	150	156	130	130	130	---	---	---	131	128	130
30	---	---	---	130	130	130	---	---	---	132	126	128
31	---	---	---	---	---	---	---	---	---	131	127	129
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	131	127	129	103	98	100	76	73	74	81	78	79
2	132	125	127	104	94	98	76	73	74	83	79	81
3	131	125	128	104	94	98	81	73	77	85	79	81
4	137	131	134	101	94	96	82	75	77	91	80	83
5	134	121	126	100	92	95	82	77	78	91	81	84
6	126	118	121	99	92	95	82	78	80	93	80	84
7	128	118	121	103	90	95	85	80	82	91	80	85
8	133	123	128	101	90	93	91	80	82	95	81	87
9	140	129	133	95	89	91	90	80	83	102	86	92
10	155	135	140	93	89	90	85	78	81	102	87	93
11	157	138	146	94	89	90	85	78	81	95	82	88
12	141	122	130	90	87	89	84	79	81	96	84	88
13	133	121	127	93	85	88	84	78	80	100	87	93
14	131	120	123	88	84	86	83	77	79	113	86	98
15	122	112	117	94	84	87	81	75	77	101	86	91
16	117	111	113	88	83	85	80	74	76	97	87	91
17	116	110	112	89	83	84	77	72	73	98	87	91
18	114	110	111	90	82	85	77	70	73	99	87	92
19	116	111	114	89	82	86	77	67	71	96	88	91
20	119	110	114	90	80	85	73	67	69	94	89	91
21	113	106	109	93	81	85	75	69	72	95	89	91
22	111	102	105	92	85	87	72	69	71	95	90	91
23	110	102	105	89	84	86	73	68	70	101	89	92
24	114	104	107	89	84	85	72	68	70	102	90	93
25	112	103	105	90	83	85	75	69	71	107	100	103
26	118	104	107	87	81	83	75	71	73	114	97	103
27	109	103	106	84	79	81	79	73	75	108	93	97
28	109	100	102	82	78	79	81	75	77	96	87	90
29	---	---	---	82	77	79	83	77	78	91	85	87
30	---	---	---	79	75	77	83	77	79	90	84	87
31	---	---	---	76	74	75	---	---	---	89	84	86
MONTH	157	100	119	104	74	88	91	67	76	114	78	90

WACCAMAW RIVER BASIN

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 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	90	82	85	88	82	84	83	74	76	94	82	85
2	88	81	83	91	83	84	84	74	76	92	83	85
3	89	80	83	92	81	86	85	74	76	91	80	83
4	85	79	82	97	85	88	84	72	75	85	80	82
5	85	80	83	97	86	90	82	72	75	88	83	85
6	90	83	85	91	84	85	85	71	75	92	87	89
7	91	84	86	96	82	84	81	73	76	92	88	89
8	94	85	88	91	80	82	86	74	76	92	89	90
9	93	83	88	93	79	81	83	74	76	94	90	91
10	96	86	89	89	79	81	82	71	74	92	84	88
11	92	85	88	84	78	80	81	70	73	88	80	83
12	91	84	86	84	77	79	80	71	74	83	77	80
13	89	82	84	86	77	78	84	74	75	83	77	80
14	87	82	83	83	77	78	82	74	76	86	81	83
15	96	82	85	88	77	79	83	74	76	86	82	83
16	87	79	83	87	78	80	83	73	75	88	83	85
17	88	79	81	90	80	81	80	72	74	90	86	88
18	84	79	81	88	79	81	79	68	72	96	88	90
19	87	79	82	90	78	80	83	68	72	97	90	93
20	83	79	81	87	77	80	78	71	73	105	96	99
21	86	79	81	92	80	81	82	72	74	108	100	103
22	86	80	82	87	79	80	85	73	75	103	97	99
23	85	80	82	93	76	79	93	74	78	101	98	99
24	88	78	81	79	71	75	86	75	77	102	98	100
25	90	79	81	82	71	75	86	76	78	102	99	101
26	86	79	80	79	72	75	83	78	79	104	100	102
27	89	79	81	79	72	74	86	79	80	110	102	106
28	88	80	81	76	72	74	95	79	81	110	101	106
29	87	80	82	78	72	74	90	80	82	104	91	96
30	89	81	83	82	72	74	88	82	83	95	88	90
31	---	---	---	84	73	75	89	82	84	---	---	---
MONTH	96	78	83	97	71	80	95	68	76	110	77	91

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.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 8.70 ft, Apr. 21; minimum gage height, 1.33 ft, Jan. 21.

Gage height, feet												
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	6.74	3.57	5.36	6.78	3.24	5.22	6.25	1.92	4.41	6.97	2.96	5.10
2	6.60	3.02	5.08	6.76	3.13	5.21	6.65	2.27	4.71	6.72	2.70	4.83
3	6.52	2.64	4.77	6.77	2.97	5.08	6.48	2.25	4.56	7.02	2.97	5.09
4	6.64	2.60	4.77	6.84	2.73	5.00	6.99	2.62	5.03	6.85	2.76	5.03
5	6.61	2.63	4.84	7.09	2.71	5.22	6.94	2.96	4.99	7.03	3.35	5.31
6	6.75	2.65	4.91	6.83	2.42	4.86	6.67	2.34	4.62	6.61	3.13	4.87
7	6.91	3.01	5.17	6.76	2.11	4.61	6.57	2.56	4.62	6.29	2.38	4.30
8	7.11	3.15	5.40	6.82	2.92	5.03	6.40	2.47	4.43	5.86	2.55	4.30
9	7.21	3.75	5.68	6.66	2.84	4.83	6.51	2.56	4.68	5.90	2.71	4.35
10	7.20	3.68	5.67	6.50	2.85	4.74	6.86	3.66	5.44	5.70	2.62	4.28
11	7.43	4.30	5.89	6.12	2.72	4.51	6.72	2.97	5.24	6.06	2.96	4.60
12	6.77	3.53	5.29	6.21	2.76	4.56	5.87	2.62	4.36	5.96	2.83	4.61
13	6.94	3.70	5.51	6.11	2.78	4.48	6.48	2.70	5.09	6.23	2.64	4.50
14	7.18	4.14	5.94	6.62	2.95	5.12	6.00	2.38	4.15	6.02	2.39	4.41
15	7.85	5.44	6.70	6.70	3.57	5.44	6.00	2.04	4.36	5.80	2.37	4.20
16	7.48	4.99	6.37	6.69	3.66	5.43	6.03	2.49	4.29	6.21	2.20	4.51
17	7.07	4.33	5.89	6.72	3.64	5.12	6.45	2.32	4.82	6.00	2.31	4.21
18	6.91	4.08	5.72	6.26	2.40	4.57	6.79	3.12	5.18	6.50	2.17	4.55
19	6.80	3.78	5.53	6.69	2.98	4.99	6.89	3.38	5.25	5.85	1.93	3.88
20	6.77	3.60	5.36	6.68	3.01	5.02	6.77	2.87	4.81	5.50	1.46	3.35
21	6.64	3.28	5.14	6.81	3.17	5.13	6.11	1.86	3.98	5.77	1.33	3.57
22	6.77	3.37	5.23	6.56	2.86	4.69	6.13	2.03	3.96	6.38	2.04	4.34
23	6.77	3.31	5.17	6.27	2.31	4.29	6.20	1.99	4.11	6.26	2.06	4.31
24	6.87	3.31	5.25	6.35	2.53	4.45	6.81	2.59	4.95	5.49	1.52	3.59
25	6.74	3.22	5.21	6.27	2.48	4.40	6.59	2.25	4.52	6.03	1.99	4.08
26	6.51	3.20	4.97	6.31	2.66	4.52	6.17	2.29	4.21	6.18	1.66	4.13
27	6.51	2.94	4.86	6.26	2.79	4.58	6.47	3.10	4.99	5.73	1.64	3.80
28	6.57	3.22	4.98	6.54	3.12	4.98	6.42	2.85	4.84	6.30	1.92	4.34
29	6.52	3.02	4.95	6.48	3.11	5.03	6.30	2.71	4.56	6.21	2.04	4.18
30	6.49	3.08	5.06	6.08	2.57	4.34	6.64	2.56	4.87	6.26	1.82	4.29
31	6.70	3.06	5.10	---	---	---	6.72	2.75	4.95	6.35	2.12	4.35
MONTH	7.85	2.60	5.35	7.09	2.11	4.85	6.99	1.86	4.68	7.03	1.33	4.36

WACCAMAW RIVER BASIN

021108125 WACCAMAW RIVER NEAR PAWLEYS ISLAND, SC--Continued

Gage height, feet
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	6.44	2.15	4.36	6.81	3.04	5.30	7.19	5.59	6.40	7.12	4.23	5.74
2	6.35	2.05	4.33	6.94	3.67	5.40	6.89	5.04	5.98	7.06	4.20	5.68
3	6.19	2.05	4.16	6.71	3.30	5.20	6.74	4.88	5.81	7.01	3.84	5.52
4	5.92	1.76	3.85	6.80	3.51	5.30	6.90	4.74	5.75	7.24	4.29	5.84
5	5.49	1.59	3.58	6.65	3.25	5.10	6.90	4.56	5.76	7.33	4.21	5.89
6	---	---	---	6.33	3.12	4.78	7.29	4.59	5.82	7.02	3.47	5.17
7	---	---	---	6.47	3.15	4.96	7.55	4.67	6.13	6.38	3.04	4.66
8	---	---	---	6.63	3.85	5.24	6.78	4.64	5.73	6.46	2.75	4.59
9	---	---	---	6.67	4.07	5.43	7.44	5.02	6.20	6.26	2.87	4.54
10	---	---	---	6.68	4.26	5.46	7.56	4.89	6.40	---	---	---
11	---	---	---	6.83	3.86	5.53	7.33	4.81	6.23	---	---	---
12	5.45	2.05	3.58	6.36	3.79	5.15	7.18	4.69	6.02	---	---	---
13	5.82	1.68	3.88	6.56	3.83	5.25	7.17	4.43	5.96	6.68	2.30	4.65
14	5.65	1.75	3.83	6.68	3.80	5.49	7.22	4.31	5.94	---	---	---
15	6.06	1.95	4.08	7.29	4.42	6.14	7.33	4.19	5.86	---	---	---
16	6.53	2.06	4.67	7.53	4.71	6.17	7.71	4.40	6.03	---	---	---
17	6.71	2.71	4.84	7.47	4.44	6.11	8.16	4.96	6.45	7.54	3.52	5.47
18	6.48	2.43	4.56	7.84	4.78	6.45	8.52	5.78	7.02	---	---	---
19	6.58	2.50	4.72	7.99	5.17	6.61	8.54	6.31	7.26	7.60	4.07	5.95
20	6.56	2.78	4.81	8.17	5.56	6.90	8.61	6.76	7.54	7.38	3.93	5.76
21	6.64	3.18	5.10	8.14	5.22	6.63	8.70	7.00	7.74	6.97	3.27	5.21
22	6.81	3.45	5.34	7.75	4.70	6.22	8.58	6.75	7.60	6.64	3.18	5.01
23	6.77	2.03	4.27	7.31	4.60	5.96	7.99	6.73	7.38	6.60	3.15	5.07
24	6.18	2.41	4.41	7.36	4.58	5.96	7.93	6.45	7.19	6.41	3.16	5.02
25	6.15	2.47	4.47	7.42	4.52	6.03	7.84	6.41	7.11	6.57	3.20	5.13
26	6.63	3.00	5.07	7.05	4.51	5.86	7.46	5.96	6.79	6.47	2.87	4.96
27	6.83	3.05	5.19	7.13	4.47	6.11	7.55	5.66	6.65	6.45	2.88	4.86
28	6.48	2.96	4.88	7.60	5.12	6.45	7.36	5.40	6.52	6.66	3.06	4.99
29	---	---	---	7.37	5.20	6.32	7.16	4.82	6.14	6.45	2.85	4.74
30	---	---	---	---	---	---	7.11	4.35	5.81	6.62	2.39	4.76
31	---	---	---	7.22	5.28	6.25	---	---	---	6.40	3.07	4.79
MONTH	---	---	---	---	---	---	8.70	4.19	6.44	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	6.55	2.56	4.40	---	---	---	6.64	3.01	4.90	6.53	2.66	4.76
2	---	---	---	---	---	---	6.63	3.07	4.94	6.58	2.60	4.73
3	---	---	---	---	---	---	6.51	2.95	4.88	6.59	2.51	4.72
4	6.77	3.51	5.12	---	---	---	6.41	2.74	4.72	6.67	2.61	4.87
5	6.54	3.29	4.85	---	---	---	6.46	2.55	4.67	6.78	2.59	4.86
6	6.53	3.58	5.18	6.20	2.44	4.45	6.62	2.49	4.78	7.17	3.31	5.55
7	6.84	3.55	5.28	---	---	---	6.68	2.52	4.79	7.23	3.72	5.70
8	6.46	3.36	5.06	---	---	---	6.79	2.71	4.87	7.26	3.60	5.76
9	6.63	3.11	5.07	---	---	---	6.76	2.61	4.83	7.22	3.76	5.77
10	6.91	3.28	5.33	---	---	---	6.75	2.47	4.66	7.15	3.81	5.72
11	---	---	---	---	---	---	6.74	2.57	4.73	7.26	4.10	5.89
12	---	---	---	---	---	---	6.74	2.85	4.88	7.24	4.07	5.91
13	7.00	3.02	5.17	---	---	---	6.78	3.02	4.98	6.89	3.53	5.36
14	7.01	2.94	4.93	---	---	---	6.76	3.22	5.08	6.76	3.46	5.32
15	6.97	3.02	4.92	---	---	---	6.64	3.22	4.97	6.69	3.45	5.25
16	7.08	3.39	5.11	6.88	3.25	5.07	6.48	3.17	4.94	6.68	3.32	5.29
17	7.15	3.78	5.54	6.68	3.06	4.83	6.36	3.19	4.85	6.85	3.89	5.54
18	7.18	4.16	5.70	6.48	3.10	4.87	---	---	---	6.31	3.17	4.82
19	7.25	4.19	5.71	6.42	2.92	4.75	---	---	---	6.23	2.78	4.61
20	6.80	4.06	5.61	6.22	2.98	4.79	---	---	---	6.44	2.85	4.79
21	7.10	4.38	5.94	6.37	3.06	4.89	---	---	---	6.72	3.18	5.13
22	---	---	---	6.15	2.87	4.62	---	---	---	6.93	3.58	5.43
23	6.82	4.09	5.66	6.13	2.43	4.26	---	---	---	6.85	2.96	5.24
24	6.73	3.77	5.38	6.06	2.53	4.27	---	---	---	7.14	3.37	5.44
25	---	---	---	6.23	2.63	4.46	---	---	---	7.20	3.64	5.67
26	---	---	---	6.47	2.88	4.66	6.87	3.30	5.26	7.17	3.71	5.68
27	---	---	---	6.58	2.94	4.73	6.81	3.13	5.15	7.31	3.82	5.80
28	---	---	---	6.48	2.73	4.63	6.74	3.02	5.03	7.39	3.86	5.83
29	---	---	---	6.68	2.83	4.68	6.80	3.10	5.05	7.28	3.57	5.64
30	---	---	---	6.65	2.90	4.82	6.77	3.17	5.10	7.20	3.58	5.61
31	---	---	---	6.64	2.98	4.84	6.62	2.95	4.90	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	7.39	2.51	5.36

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 rated good, except for Oct. 1 to Jan. 21, which are fair.

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, 3,750 microsiemens, Oct. 11; minimum, 66 microsiemens, Apr. 19, 20, 25.

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	220	190	203	160	150	152	140	130	130	110	100	103
2	220	190	201	160	150	154	140	130	131	120	100	103
3	220	190	199	170	160	163	140	130	130	120	100	104
4	220	190	199	170	160	168	140	130	132	120	100	104
5	220	190	200	180	160	164	140	130	137	110	100	104
6	220	190	201	180	150	161	150	140	140	120	100	107
7	260	190	211	170	150	153	160	140	140	110	100	105
8	410	200	236	160	140	151	150	140	142	110	100	103
9	2080	210	413	160	150	153	150	140	141	120	100	104
10	3130	220	746	170	160	160	140	140	140	120	100	104
11	3750	270	940	170	150	157	150	130	138	110	100	109
12	1320	210	393	160	140	148	150	130	134	110	110	110
13	360	200	257	170	140	145	140	130	132	120	110	110
14	560	190	277	150	130	140	150	130	134	120	110	111
15	930	200	314	150	130	139	140	130	131	120	110	113
16	370	210	270	160	140	149	140	130	130	120	110	116
17	320	180	229	160	140	153	130	120	124	130	120	120
18	310	160	200	160	130	137	130	120	123	130	120	120
19	260	150	180	160	120	134	130	110	118	130	120	122
20	190	150	161	140	120	126	120	110	115	130	120	123
21	170	140	152	140	120	124	120	110	114	130	120	125
22	160	140	145	140	120	126	120	110	113	130	123	126
23	160	140	143	140	120	124	120	110	113	138	120	125
24	150	140	142	170	120	123	120	110	111	130	120	124
25	160	140	148	130	120	122	120	110	112	131	123	127
26	170	150	151	130	120	122	120	100	111	141	129	132
27	160	150	152	130	120	123	120	110	110	134	124	130
28	170	150	159	130	120	122	120	110	111	137	124	127
29	170	160	161	130	120	124	140	110	111	135	126	128
30	170	150	159	150	120	129	150	100	110	133	125	127
31	160	150	154	---	---	---	120	100	104	137	123	126
MONTH	3750	140	248	180	120	142	160	100	125	141	100	116

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 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	130	125	127	113	99	102	92	74	83	97	78	85
2	137	125	128	104	97	100	85	73	79	92	78	84
3	138	123	126	107	95	98	82	74	78	91	79	84
4	136	124	129	109	94	101	88	75	80	96	79	88
5	134	124	130	116	94	100	93	78	82	92	81	86
6	---	---	---	105	94	99	89	78	81	91	72	85
7	---	---	---	103	93	99	87	79	83	96	81	87
8	---	---	---	111	90	98	88	80	83	125	83	103
9	---	---	---	109	90	98	86	79	82	127	88	105
10	---	---	---	121	91	105	86	79	81	128	87	103
11	---	---	---	111	93	101	83	79	81	103	87	94
12	146	130	139	110	93	100	81	79	80	114	85	94
13	149	124	133	108	91	99	82	78	80	101	86	92
14	141	119	129	101	84	90	81	77	79	99	88	92
15	128	117	121	100	85	90	83	75	78	118	88	103
16	124	112	116	106	84	94	89	73	80	116	92	104
17	130	110	117	102	84	93	92	72	80	120	91	105
18	127	110	114	98	82	89	76	69	73	101	88	91
19	119	111	113	96	82	89	73	66	70	97	88	90
20	132	112	115	90	79	84	74	66	68	101	89	92
21	118	107	113	92	79	85	76	70	73	105	89	95
22	126	104	112	94	82	88	78	71	73	101	90	95
23	126	104	113	97	84	89	78	68	72	101	90	96
24	123	105	110	106	84	94	82	68	73	101	90	94
25	129	103	113	100	84	90	74	66	70	105	94	99
26	131	104	111	99	86	91	75	68	72	115	99	106
27	123	107	113	112	80	93	85	72	76	119	97	105
28	120	101	110	97	80	87	84	75	77	104	89	95
29	---	---	---	102	77	83	91	76	81	102	86	93
30	---	---	---	98	81	89	93	77	84	111	84	96
31	---	---	---	95	74	84	---	---	---	107	84	89
MONTH	---	---	---	121	74	94	93	66	78	128	72	95

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	109	82	86	87	84	85	84	77	80	90	87	88
2	97	81	85	90	84	86	83	78	80	92	87	89
3	91	79	85	88	84	86	84	80	81	90	86	88
4	93	77	82	93	86	89	85	80	82	93	87	90
5	87	77	80	94	89	91	85	79	82	94	90	92
6	86	79	81	94	86	90	85	78	81	99	92	95
7	88	81	84	92	85	88	85	79	81	101	95	97
8	90	82	84	---	---	---	84	80	82	103	97	99
9	89	83	85	---	---	---	85	79	82	104	98	101
10	92	84	85	---	---	---	85	77	81	106	97	100
11	90	84	86	---	---	---	82	77	80	101	91	97
12	93	84	87	---	---	---	81	78	79	100	87	93
13	98	83	87	---	---	---	82	79	80	94	85	89
14	92	83	85	---	---	---	83	79	81	93	88	90
15	97	82	85	---	---	---	82	80	81	93	90	91
16	90	81	85	---	---	---	82	79	81	93	90	92
17	89	79	82	85	78	80	82	78	81	95	91	93
18	85	78	81	83	78	80	80	73	76	98	94	96
19	85	79	81	82	78	79	76	72	74	100	97	98
20	87	79	83	83	77	79	77	73	75	105	99	102
21	86	79	82	84	79	81	78	75	76	112	104	108
22	84	80	81	86	79	81	79	76	78	112	108	111
23	84	81	82	87	75	79	79	75	77	111	106	108
24	84	80	81	82	72	75	80	73	77	109	106	107
25	84	80	81	77	72	74	85	77	80	110	106	108
26	83	79	81	81	72	74	81	78	79	109	107	108
27	84	80	82	78	73	75	85	79	81	111	108	109
28	84	81	82	79	74	76	84	80	82	116	110	114
29	84	82	83	80	74	76	86	82	84	115	102	110
30	88	83	84	81	75	77	88	84	85	109	95	100
31	---	---	---	82	76	79	89	84	86	---	---	---
MONTH	109	77	83	---	---	---	89	72	80	116	85	99

WACCAMAW RIVER BASIN

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

Gage height, feet
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	17.23	12.66	14.94	17.60	13.38	15.81	17.52	14.78	16.11	17.66	14.13	15.91
2	17.11	12.53	14.89	17.69	13.82	15.80	17.08	14.22	15.58	17.63	14.19	15.90
3	16.87	12.52	14.70	17.41	13.52	15.61	17.09	14.21	15.50	17.60	13.86	15.77
4	16.55	12.21	14.35	17.54	13.73	15.70	---	---	---	17.98	14.39	16.18
5	16.15	12.10	14.15	17.16	13.41	15.45	---	---	---	17.98	14.34	16.21
6	16.31	12.58	14.53	16.81	13.27	15.14	---	---	---	17.61	13.58	15.44
7	16.53	12.38	14.41	17.24	13.35	15.36	---	---	---	16.93	13.35	15.02
8	15.90	12.56	14.37	17.27	14.00	15.61	17.28	14.50	15.90	17.01	13.05	14.95
9	16.29	12.91	14.59	17.30	14.23	15.80	17.94	15.03	16.39	16.79	13.18	14.99
10	16.42	12.57	14.59	17.33	14.45	15.84	18.08	14.76	16.60	16.80	13.08	15.07
11	16.08	12.69	14.55	17.48	13.96	15.88	17.81	14.73	16.45	16.90	13.01	15.12
12	16.03	12.36	14.13	17.00	13.96	15.50	17.69	14.53	16.21	16.70	12.53	14.85
13	16.44	12.19	14.44	17.20	13.90	15.60	17.70	14.30	16.16	17.34	12.57	15.06
14	16.24	12.21	14.37	17.35	13.90	15.91	17.75	14.16	16.12	17.73	12.90	15.32
15	16.69	12.40	14.60	17.94	14.54	16.49	17.86	13.97	16.00	17.75	13.15	15.48
16	17.30	12.53	15.26	18.11	14.51	16.35	18.23	14.11	16.14	17.88	13.16	15.48
17	17.51	13.08	15.33	18.03	14.20	16.28	18.63	14.55	16.49	18.39	13.54	15.83
18	17.20	12.79	15.04	18.40	14.48	16.60	18.91	15.25	16.98	18.35	14.21	16.33
19	17.33	12.87	15.20	18.58	14.82	16.74	18.89	15.47	17.02	18.39	14.25	16.28
20	17.29	13.14	15.28	18.78	15.24	17.01	18.91	15.79	17.18	18.17	14.16	16.16
21	17.39	13.55	15.59	18.66	14.83	16.63	18.95	15.99	17.28	17.70	13.62	15.62
22	17.58	13.76	15.77	18.28	14.44	16.25	18.79	15.64	17.02	17.33	13.64	15.49
23	17.53	12.44	14.65	17.88	14.47	16.09	18.03	15.80	16.91	17.29	13.62	15.56
24	16.81	12.80	14.87	17.95	14.53	16.15	18.07	15.57	16.77	17.07	13.63	15.56
25	16.77	12.91	14.98	18.00	14.44	16.22	18.09	15.58	16.82	17.26	13.66	15.69
26	17.37	13.50	15.60	17.65	14.41	16.07	17.76	15.20	16.55	17.14	13.42	15.49
27	17.63	13.46	15.71	17.74	14.41	16.39	17.95	15.07	16.55	17.12	13.34	15.39
28	17.15	13.31	15.36	18.16	14.99	16.64	17.79	14.93	16.48	17.38	13.50	15.53
29	---	---	---	---	---	---	17.66	14.48	16.13	17.13	13.28	15.24
30	---	---	---	---	---	---	17.62	14.10	15.89	17.32	13.27	15.29
31	---	---	---	17.61	14.61	16.05	---	---	---	17.05	13.46	15.26
MONTH	17.63	12.10	14.87	---	---	---	---	---	---	18.39	12.53	15.53

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	17.22	12.89	14.88	17.57	13.36	15.41	17.28	13.24	15.27	17.23	12.98	15.20
2	17.54	13.53	15.42	17.39	13.61	15.60	17.28	13.25	15.31	17.29	13.00	15.19
3	17.50	13.92	15.73	17.25	13.11	15.00	17.15	13.17	15.27	17.29	12.92	15.21
4	17.40	13.69	15.46	16.93	12.94	14.96	17.04	13.01	15.11	17.41	13.07	15.38
5	17.17	13.47	15.18	17.03	12.99	14.97	17.10	12.82	15.07	17.59	13.07	15.43
6	17.15	13.71	15.57	16.80	12.77	14.88	17.29	12.79	15.19	18.04	13.77	16.16
7	17.49	13.66	15.57	16.84	12.67	14.86	17.36	12.83	15.22	18.08	14.13	16.27
8	17.08	13.46	15.38	16.95	12.54	14.85	17.52	13.00	15.31	18.16	14.00	16.28
9	17.28	13.24	15.41	17.35	12.75	15.16	17.46	12.89	15.25	18.09	14.10	16.28
10	17.60	13.37	15.71	17.45	12.83	15.29	17.46	12.77	15.06	18.01	14.15	16.23
11	17.77	13.35	15.70	17.53	12.89	15.22	17.43	12.83	15.12	18.10	14.39	16.42
12	17.83	13.25	15.64	17.56	12.82	15.16	---	---	---	17.98	14.34	16.39
13	17.74	13.14	15.50	17.66	13.13	15.32	17.48	13.25	15.37	17.48	13.93	15.83
14	17.77	13.06	15.40	17.49	13.00	15.27	17.29	13.44	15.46	17.51	13.85	15.84
15	17.69	13.13	15.37	17.58	13.30	15.44	17.28	13.38	15.33	17.40	13.89	15.80
16	17.86	13.41	15.42	17.49	13.41	15.40	17.09	13.33	15.30	17.40	13.79	15.85
17	17.86	13.81	15.82	17.34	13.27	15.19	16.98	13.30	15.20	17.63	14.44	16.14
18	17.85	14.15	15.96	17.14	13.31	15.27	16.96	13.16	15.20	16.98	13.76	15.39
19	17.88	14.17	15.94	17.00	13.16	15.14	17.13	13.65	15.45	16.88	13.35	15.19
20	17.41	14.04	15.85	---	---	---	17.12	13.75	15.57	17.16	13.46	15.41
21	17.72	14.35	16.20	17.00	13.36	15.32	17.10	13.72	15.48	17.49	13.78	15.75
22	17.60	14.39	16.17	16.72	13.15	15.02	17.02	13.55	15.28	17.73	14.09	16.04
23	17.45	14.14	15.98	---	---	---	16.96	13.17	15.07	17.66	13.44	15.80
24	17.36	13.86	15.73	---	---	---	17.45	13.32	15.37	18.07	13.89	16.06
25	17.36	13.68	15.65	---	---	---	17.64	13.55	15.71	18.11	14.05	16.25
26	17.41	13.65	15.57	17.09	13.12	15.07	17.57	13.45	15.63	18.07	14.06	16.23
27	17.41	13.47	15.47	---	---	---	17.51	13.26	15.51	18.24	14.14	16.33
28	17.52	13.55	15.53	17.09	12.92	14.98	17.43	13.20	15.39	18.31	14.13	16.29
29	17.51	13.49	15.52	17.33	13.03	15.05	---	---	---	18.17	13.86	16.09
30	17.46	13.40	15.43	17.30	13.10	15.18	17.43	13.36	15.49	18.06	13.94	16.10
31	---	---	---	17.28	13.17	15.20	---	---	---	---	---	---
MONTH	17.88	12.89	15.61	---	---	---	---	---	---	18.31	12.92	15.89

WACCAMAW RIVER BASIN

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 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	129	123	126	107	102	105	84	77	81	81	73	76
2	130	124	127	119	99	105	85	77	80	79	72	74
3	132	123	128	119	98	104	84	69	75	78	73	74
4	129	122	126	106	97	101	---	---	---	80	74	77
5	133	125	129	103	95	100	---	---	---	80	76	78
6	132	125	130	101	95	98	---	---	---	80	77	79
7	129	115	122	103	94	98	---	---	---	88	77	79
8	121	113	117	103	93	98	85	77	80	83	77	79
9	124	115	119	100	91	97	86	77	81	84	79	81
10	132	119	124	100	93	96	91	77	81	84	79	81
11	142	129	133	99	93	96	88	77	80	84	80	81
12	152	138	142	99	92	95	85	78	80	84	79	81
13	141	123	129	99	91	94	84	75	80	83	80	81
14	125	116	121	96	88	93	83	74	78	84	81	82
15	121	115	118	94	89	91	80	72	76	86	82	84
16	124	112	116	99	88	93	79	71	74	90	82	85
17	114	108	112	97	88	92	75	69	72	88	83	85
18	112	107	110	96	88	92	74	67	70	89	83	85
19	111	107	109	96	88	92	73	64	68	89	83	86
20	114	107	111	95	85	90	68	63	66	88	85	86
21	115	111	113	98	87	92	71	65	69	88	85	87
22	113	104	110	98	88	93	71	67	69	92	86	88
23	112	101	105	97	90	93	70	64	66	94	86	88
24	107	99	104	97	90	93	69	64	66	93	86	88
25	108	102	105	97	89	92	74	65	68	97	87	89
26	107	102	104	94	88	91	75	66	69	103	92	97
27	111	105	108	93	87	89	76	68	71	101	96	99
28	112	105	108	91	85	88	76	71	73	103	90	96
29	---	---	---	---	---	---	78	72	74	93	83	88
30	---	---	---	---	---	---	78	72	75	86	81	83
31	---	---	---	86	79	82	---	---	---	86	80	82
MONTH	152	99	118	---	---	---	---	---	---	103	72	84

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	85	78	81	89	83	85	90	74	77	98	92	95
2	80	76	79	89	85	86	81	76	78	97	94	95
3	81	74	77	95	85	87	86	72	80	96	92	94
4	81	73	76	91	85	88	88	81	83	96	92	93
5	81	73	76	98	89	92	---	---	---	96	93	94
6	79	73	76	99	91	94	---	---	---	106	93	95
7	82	76	78	93	88	90	---	---	---	1540	94	201
8	84	77	80	90	86	88	---	---	---	426	101	119
9	85	79	81	88	85	86	---	---	---	113	100	105
10	86	79	82	87	84	85	---	---	---	111	101	103
11	86	82	83	88	81	84	---	---	---	105	99	102
12	86	82	84	85	78	81	---	---	---	104	93	98
13	87	81	84	82	77	79	93	86	89	94	86	89
14	86	80	83	80	74	77	93	88	90	87	84	86
15	86	79	82	81	63	73	93	87	89	90	86	88
16	83	78	81	82	63	73	91	86	88	91	87	88
17	81	75	79	85	74	79	87	83	86	90	87	88
18	83	75	78	86	66	79	86	81	83	93	89	90
19	86	77	79	87	67	80	86	77	81	94	91	92
20	86	77	80	89	68	82	86	79	82	117	93	95
21	82	78	80	100	78	84	87	80	83	2710	96	356
22	83	78	80	100	70	85	87	83	84	3210	104	430
23	84	80	81	93	71	86	89	84	85	752	104	159
24	82	78	80	103	72	84	89	85	86	2720	100	261
25	83	78	81	94	68	75	90	86	88	2590	105	440
26	83	79	80	76	68	72	93	87	90	2590	111	333
27	82	79	81	76	68	71	95	89	91	795	108	223
28	83	79	81	77	69	72	95	90	91	185	108	124
29	85	80	82	77	71	73	94	90	92	121	110	113
30	100	82	84	78	71	73	97	91	94	112	99	105
31	---	---	---	77	72	74	---	---	---	---	---	---
MONTH	100	73	80	103	63	81	---	---	---	3210	84	152

WACCAMAW RIVER BASIN

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

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	27.1	26.3	26.7	19.6	18.4	19.0	10.8	9.2	9.9	9.9	8.1	8.8
2	27.4	26.2	26.7	19.1	17.9	18.4	10.8	8.4	9.6	---	---	---
3	27.9	26.0	26.9	18.2	17.2	17.7	10.3	8.1	9.4	9.6	9.0	9.2
4	28.1	26.3	27.1	17.6	17.0	17.2	---	---	---	---	---	---
5	28.3	26.4	27.2	17.2	16.3	16.8	8.6	8.1	8.2	---	---	---
6	27.6	26.6	27.2	17.9	16.1	17.2	8.6	7.6	8.0	---	---	---
7	28.0	26.6	27.2	16.7	15.2	16.1	8.4	6.9	7.7	---	---	---
8	27.4	25.9	26.7	16.6	14.9	15.9	8.3	7.0	7.7	---	---	---
9	26.7	25.2	26.1	16.4	15.3	15.9	7.8	7.3	7.6	8.8	7.4	7.9
10	26.2	25.0	25.8	16.4	15.7	16.0	7.5	7.2	7.4	10.4	8.1	8.8
11	---	---	---	17.2	15.9	16.4	---	---	---	9.2	7.6	8.3
12	---	---	---	---	---	---	---	---	---	8.5	7.5	8.0
13	---	---	---	16.5	15.5	16.1	9.0	7.8	8.2	8.6	7.5	7.8
14	---	---	---	16.9	14.7	15.6	---	---	---	8.0	6.8	7.5
15	---	---	---	16.3	14.8	15.5	---	---	---	8.6	6.1	7.2
16	---	---	---	16.3	15.6	15.9	8.9	7.5	8.1	8.0	6.5	7.0
17	---	---	---	---	---	---	---	---	---	7.8	6.4	7.0
18	---	---	---	---	---	---	8.9	7.9	8.1	6.7	5.7	6.2
19	20.9	19.5	20.2	15.2	13.9	14.5	---	---	---	6.5	4.3	5.6
20	21.0	19.7	20.1	14.9	13.8	14.4	---	---	---	6.5	4.7	5.6
21	20.4	19.7	20.0	14.7	14.0	14.3	---	---	---	7.8	5.7	6.4
22	20.0	19.1	19.5	14.4	13.2	14.0	---	---	---	6.5	5.8	6.2
23	---	---	---	---	---	---	---	---	---	6.0	4.2	5.4
24	19.3	18.7	19.0	---	---	---	9.6	8.9	9.3	5.0	2.8	4.3
25	19.3	18.4	18.9	13.2	11.9	12.5	9.9	8.9	9.4	5.6	3.6	4.7
26	19.6	18.7	19.1	12.9	11.9	12.3	---	---	---	5.9	4.6	5.1
27	19.8	18.8	19.2	13.0	11.6	12.2	9.4	8.1	8.6	5.1	3.9	4.5
28	20.0	19.2	19.5	12.0	10.7	11.5	8.8	7.5	8.0	5.2	3.9	4.4
29	20.0	19.6	19.8	12.1	10.2	10.8	---	---	---	6.0	4.2	4.9
30	20.7	19.2	19.9	---	---	---	---	---	---	6.0	4.8	5.3
31	---	---	---	---	---	---	8.4	7.4	7.8	5.8	5.1	5.3
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

Temperature, water, degrees Celsius												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	6.8	5.3	5.7	10.2	9.6	9.9	16.1	15.0	15.5	20.2	19.5	19.8
2	7.4	5.5	6.2	12.0	9.9	10.5	16.5	14.8	15.6	21.0	19.3	20.2
3	8.5	6.4	7.0	11.4	9.9	10.6	16.9	15.5	16.2	21.7	20.0	20.6
4	9.1	7.3	8.0	11.2	10.6	10.8	---	---	---	20.9	20.3	20.6
5	9.4	7.4	8.2	12.2	10.8	11.3	---	---	---	20.5	20.0	20.3
6	8.3	7.9	8.1	12.7	11.4	12.2	---	---	---	20.9	20.1	20.5
7	8.1	7.8	8.0	12.3	11.4	12.0	---	---	---	23.1	20.4	21.4
8	9.1	7.8	8.3	11.9	11.0	11.5	17.1	16.2	16.7	23.9	21.2	22.1
9	9.4	7.6	8.6	12.3	11.2	11.7	16.2	15.0	15.7	24.0	21.9	22.7
10	10.1	8.6	8.9	12.6	11.6	12.1	15.0	14.2	14.7	24.7	22.4	23.2
11	9.6	7.8	8.7	13.6	12.0	12.7	14.2	13.5	13.9	24.6	22.6	23.2
12	12.5	7.6	9.1	13.6	12.5	13.1	14.9	13.1	13.9	23.8	22.3	22.9
13	10.2	7.7	8.6	14.7	13.2	13.8	15.6	13.6	14.3	24.3	21.6	22.7
14	8.9	7.9	8.3	14.5	13.8	14.0	16.3	14.4	15.1	23.4	21.7	22.5
15	10.7	8.1	8.8	13.9	13.4	13.6	17.2	15.2	16.0	22.5	21.6	22.0
16	9.1	8.4	8.7	15.4	13.6	14.1	17.4	15.8	16.5	22.2	21.2	21.7
17	8.4	7.7	8.1	14.9	14.3	14.5	18.0	16.3	17.0	21.8	21.3	21.6
18	8.2	7.5	7.9	15.7	14.4	14.9	17.7	16.9	17.3	22.0	21.1	21.4
19	8.8	7.5	8.1	16.1	15.1	15.4	17.7	17.0	17.3	21.3	20.2	20.9
20	9.1	7.9	8.4	16.1	15.5	15.7	17.7	16.6	17.1	21.3	20.0	20.5
21	9.2	8.3	8.6	16.9	15.7	16.3	17.6	16.6	17.1	21.6	20.3	20.8
22	10.4	8.6	9.4	17.8	16.2	16.9	18.3	17.1	17.6	21.3	20.7	21.0
23	12.0	9.6	10.3	17.1	16.7	16.9	18.1	17.0	17.6	22.2	20.7	21.3
24	11.4	9.4	10.2	17.4	16.4	16.9	18.1	17.2	17.7	22.0	20.8	21.4
25	11.7	10.3	10.9	17.6	16.7	17.1	18.0	17.7	17.8	22.9	21.2	22.0
26	11.0	10.4	10.7	18.3	16.8	17.3	18.4	17.6	17.9	23.2	22.0	22.6
27	10.6	10.1	10.4	17.7	17.1	17.5	19.0	17.7	18.2	23.0	22.4	22.6
28	11.1	9.4	10.0	17.7	16.8	17.2	19.6	17.9	18.6	23.2	21.4	22.3
29	---	---	---	---	---	---	19.8	18.4	19.0	23.0	21.4	22.2
30	---	---	---	---	---	---	20.5	18.9	19.5	23.2	20.9	22.1
31	---	---	---	16.8	15.6	16.0	---	---	---	23.3	21.3	22.3
MONTH	12.5	5.3	8.7	---	---	---	---	---	---	24.7	19.3	21.7

WACCAMAW RIVER BASIN

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

Temperature, water, degrees Celsius
 WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	23.5	21.8	22.5	26.3	25.6	25.9	28.0	27.0	27.4	29.3	28.2	28.7
2	23.4	21.5	22.3	26.1	25.4	25.6	28.1	27.0	27.4	29.4	28.2	28.8
3	22.6	21.8	22.1	27.5	25.1	26.0	28.2	26.8	27.4	29.4	28.3	28.8
4	22.4	21.8	22.0	27.0	25.5	26.1	28.1	26.9	27.4	29.0	28.2	28.6
5	24.6	21.9	22.7	27.4	25.8	26.3	---	---	---	28.4	27.7	28.1
6	23.4	22.6	22.9	27.5	25.9	26.6	---	---	---	27.8	26.4	27.0
7	23.8	22.9	23.3	27.6	26.4	26.9	---	---	---	26.6	25.7	26.0
8	24.0	23.2	23.5	27.9	26.5	27.1	---	---	---	26.1	25.4	25.6
9	25.0	23.4	24.1	28.7	26.8	27.6	---	---	---	26.4	24.8	25.5
10	25.1	23.9	24.5	28.4	27.3	27.8	---	---	---	25.7	24.8	25.3
11	25.6	24.3	24.9	29.0	27.1	27.8	---	---	---	25.2	24.2	24.8
12	26.1	24.9	25.3	28.5	27.1	27.6	---	---	---	24.8	23.9	24.5
13	25.9	24.8	25.3	27.6	26.8	27.2	28.1	27.0	27.4	25.2	23.7	24.5
14	26.1	24.8	25.4	27.2	26.4	26.7	27.9	27.0	27.4	25.4	23.7	24.4
15	26.7	25.0	25.7	27.2	26.1	26.5	28.1	26.9	27.5	25.3	24.0	24.5
16	27.2	25.5	26.0	28.0	26.1	26.8	28.4	27.0	27.5	25.2	24.0	24.7
17	27.0	25.5	25.8	28.6	26.4	27.0	28.4	26.7	27.3	25.0	23.9	24.4
18	25.9	25.4	25.5	28.0	26.4	27.0	27.4	26.3	26.9	24.4	23.0	23.7
19	27.0	25.1	25.6	27.8	26.1	26.7	26.9	26.2	26.6	24.2	22.7	23.6
20	27.1	25.3	25.8	27.9	26.1	26.7	27.1	26.4	26.7	24.5	23.3	23.9
21	27.0	25.0	25.6	28.6	26.6	27.1	27.5	26.6	26.9	24.7	23.5	24.1
22	26.2	24.6	25.2	27.9	26.6	27.1	28.1	26.7	27.2	24.9	24.0	24.5
23	26.4	24.4	24.9	27.5	26.3	26.9	28.2	26.4	27.2	25.3	24.6	24.8
24	25.4	24.4	24.9	26.8	25.8	26.2	28.0	26.7	27.2	25.5	24.0	24.8
25	25.7	24.5	25.1	26.8	25.5	25.9	27.9	26.5	27.2	25.6	24.2	24.9
26	26.4	24.6	25.4	26.2	25.4	25.7	27.8	26.7	27.3	25.1	24.0	24.7
27	26.4	24.8	25.6	26.9	25.4	26.1	28.3	26.6	27.5	25.2	24.1	24.6
28	26.5	25.1	25.8	27.2	25.8	26.3	28.4	27.0	27.7	25.4	23.9	24.5
29	26.8	25.6	26.0	27.6	26.0	26.7	28.6	27.3	28.0	24.4	23.1	23.8
30	27.1	25.2	26.1	28.2	26.4	27.1	28.7	27.6	28.2	23.7	22.3	23.1
31	---	---	---	28.0	26.9	27.4	---	---	---	---	---	---
MONTH	27.2	21.5	24.7	29.0	25.1	26.7	---	---	---	29.4	22.3	25.3

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

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	3.5	2.7	3.0	7.6	7.0	7.3	---	---	---	9.3	9.0	9.2
2	3.2	2.4	2.9	7.7	7.3	7.5	7.8	5.4	6.9	---	---	---
3	3.0	2.4	2.7	7.9	7.4	7.7	7.3	5.7	6.5	9.0	8.6	8.8
4	2.9	2.3	2.5	8.5	7.7	7.9	---	---	---	---	---	---
5	2.7	2.2	2.5	8.5	7.9	8.2	---	---	---	---	---	---
6	2.8	2.2	2.5	9.3	8.1	8.9	8.0	6.6	7.5	---	---	---
7	2.8	2.2	2.5	9.6	9.1	9.3	8.2	6.6	7.7	---	---	---
8	3.3	2.2	2.8	9.7	9.1	9.4	---	---	---	---	---	---
9	3.4	2.6	2.9	9.5	9.1	9.3	---	---	---	10.1	9.0	9.3
10	3.4	2.7	3.0	9.3	8.9	9.1	10.0	8.1	9.3	9.9	8.8	9.2
11	---	---	---	---	---	---	---	---	---	9.0	8.6	8.7
12	---	---	---	---	---	---	---	---	---	9.1	8.5	8.8
13	---	---	---	---	---	---	10.9	8.6	10.1	9.4	8.8	8.9
14	---	---	---	7.7	6.4	7.2	---	---	---	8.9	8.7	8.8
15	---	---	---	7.5	6.4	6.9	---	---	---	9.5	8.9	9.1
16	---	---	---	6.8	5.6	6.3	---	---	---	9.6	8.9	9.1
17	---	---	---	---	---	---	---	---	---	10.5	9.2	9.5
18	---	---	---	---	---	---	10.2	9.9	10.0	10.0	8.9	9.5
19	5.6	5.2	5.3	7.1	5.9	6.7	---	---	---	10.1	9.2	9.6
20	5.7	5.3	5.4	6.9	6.0	6.6	---	---	---	10.5	9.2	9.8
21	5.7	5.3	5.5	7.1	6.0	6.6	---	---	---	9.9	9.2	9.6
22	6.8	5.6	6.2	7.8	6.0	6.8	---	---	---	---	---	---
23	---	---	---	---	---	---	8.8	8.4	8.6	10.9	9.7	10.3
24	6.9	6.3	6.5	---	---	---	8.9	8.3	8.5	11.4	10.3	10.8
25	7.2	6.6	6.9	6.9	6.2	6.5	9.3	8.4	8.8	10.9	10.3	10.6
26	7.1	6.6	6.8	6.8	6.1	6.5	---	---	---	11.1	10.3	10.6
27	6.8	6.4	6.6	6.9	6.2	6.5	8.6	8.3	8.5	11.4	10.7	11.1
28	6.8	6.2	6.5	7.2	6.5	6.8	8.9	8.5	8.7	11.5	10.2	10.9
29	6.8	6.4	6.6	7.9	6.7	7.1	---	---	---	10.9	10.2	10.6
30	7.2	6.3	6.8	---	---	---	---	---	---	11.0	10.1	10.6
31	---	---	---	---	---	---	9.2	9.1	9.1	11.0	10.2	10.7
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	11.0	10.1	10.6	8.8	8.2	8.6	6.5	5.3	5.8	4.5	4.0	4.3
2	10.8	10.1	10.4	8.7	8.2	8.5	6.7	5.7	6.2	4.5	4.1	4.3
3	10.6	9.9	10.2	8.6	8.0	8.4	6.4	5.7	6.1	4.4	3.7	4.1
4	10.3	9.5	10.1	8.4	7.8	8.1	---	---	---	4.3	3.9	4.2
5	10.1	9.1	9.6	8.3	7.6	8.0	---	---	---	4.3	3.8	4.1
6	10.0	9.2	9.7	8.3	7.4	7.9	---	---	---	4.7	3.6	4.2
7	10.1	9.3	9.7	8.0	7.3	7.7	---	---	---	4.4	3.7	4.0
8	9.9	9.2	9.5	7.9	7.6	7.7	5.8	5.3	5.5	4.6	3.5	4.0
9	10.5	8.9	9.4	7.9	7.4	7.6	6.7	5.7	6.1	4.7	3.7	4.2
10	10.3	8.9	9.4	7.7	7.3	7.5	7.0	6.2	6.6	4.7	4.0	4.3
11	9.6	8.9	9.3	7.8	6.3	7.2	6.4	6.0	6.3	5.5	4.3	4.8
12	10.6	9.0	9.6	7.8	5.3	6.9	6.5	6.2	6.4	5.8	4.6	5.1
13	10.0	9.1	9.7	8.2	5.7	7.0	6.4	6.1	6.3	4.9	4.0	4.6
14	10.1	9.3	9.8	8.0	5.6	6.8	6.6	6.1	6.3	4.5	3.9	4.3
15	10.1	9.3	9.8	8.6	6.0	7.2	6.3	5.9	6.2	4.5	4.0	4.2
16	10.1	9.4	9.7	7.7	5.7	6.7	6.3	5.9	6.1	4.9	3.9	4.2
17	10.1	9.4	9.8	7.6	5.5	6.6	6.3	5.6	5.8	4.9	3.7	4.3
18	10.0	9.4	9.7	7.2	5.8	6.6	6.0	5.6	5.8	5.0	4.0	4.5
19	10.0	9.4	9.7	7.7	5.5	6.7	6.0	5.6	5.7	4.9	4.4	4.6
20	10.3	9.4	9.8	7.9	5.2	6.5	6.0	5.6	5.8	4.7	4.3	4.4
21	10.0	9.3	9.7	7.6	5.2	6.2	5.9	5.5	5.6	4.5	4.2	4.3
22	10.5	9.4	9.7	6.9	5.0	5.8	5.7	5.4	5.5	4.6	4.2	4.3
23	10.3	9.1	9.7	6.2	4.6	5.3	5.6	5.3	5.5	5.0	4.3	4.6
24	9.9	9.0	9.3	6.0	4.5	5.2	5.6	5.3	5.4	4.5	4.2	4.3
25	9.1	8.5	8.8	5.6	4.4	5.0	5.7	5.0	5.3	4.5	3.8	4.3
26	9.6	8.5	8.9	5.6	4.6	5.1	5.3	4.8	5.0	5.0	4.4	4.7
27	9.1	8.5	8.8	5.8	4.7	5.2	4.9	4.7	4.8	5.5	4.8	5.2
28	9.1	8.4	8.8	5.8	4.7	5.1	5.0	4.6	4.8	6.0	5.3	5.6
29	---	---	---	---	---	---	5.0	4.4	4.7	6.0	5.4	5.6
30	---	---	---	---	---	---	4.8	4.2	4.4	6.0	5.2	5.5
31	---	---	---	6.4	4.9	5.7	---	---	---	5.8	5.1	5.4
MONTH	11.0	8.4	9.6	---	---	---	---	---	---	6.0	3.5	4.5

WACCAMAW RIVER BASIN

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

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	5.9	5.2	5.4	3.7	2.6	3.1	3.7	3.3	3.4	3.6	3.1	3.3
2	5.6	4.9	5.2	4.1	2.6	3.3	3.4	3.1	3.3	3.6	3.2	3.5
3	5.6	4.7	5.0	4.2	2.8	3.5	4.7	3.2	3.6	3.7	3.4	3.5
4	5.4	4.8	5.1	3.6	2.8	3.2	4.1	3.2	3.4	3.8	3.4	3.5
5	5.6	4.8	5.0	3.7	2.9	3.4	---	---	---	3.8	3.2	3.5
6	4.9	4.6	4.8	4.0	2.7	3.4	---	---	---	4.9	3.5	4.3
7	5.3	4.6	4.9	4.3	3.2	3.8	---	---	---	5.0	4.2	4.7
8	5.0	4.5	4.7	4.4	3.1	3.8	---	---	---	4.9	4.3	4.6
9	4.8	4.2	4.5	4.4	3.2	3.8	---	---	---	5.0	4.3	4.6
10	4.2	4.0	4.1	4.4	3.0	3.5	---	---	---	5.0	4.2	4.7
11	4.2	3.9	4.1	4.2	3.5	3.8	---	---	---	5.2	4.6	4.9
12	4.3	3.8	4.1	4.8	3.4	3.9	---	---	---	5.3	4.9	5.0
13	4.4	3.9	4.1	4.1	2.8	3.5	3.8	3.3	3.6	5.0	4.6	4.8
14	4.2	3.7	3.9	3.9	2.8	3.5	3.8	3.5	3.6	5.0	4.5	4.8
15	4.2	3.7	3.9	3.8	2.8	3.4	3.7	3.4	3.5	4.7	4.4	4.6
16	4.2	2.8	3.7	4.2	3.1	3.5	3.9	3.4	3.6	5.1	4.5	4.7
17	3.7	2.7	3.3	4.4	2.9	3.6	4.3	3.6	3.9	5.9	4.6	5.3
18	3.6	2.7	3.1	4.3	3.0	3.6	4.3	3.5	4.0	7.0	5.4	6.0
19	4.0	2.8	3.4	4.8	3.2	3.8	4.1	3.8	3.9	6.2	4.9	5.5
20	3.8	2.8	3.3	3.8	3.0	3.5	3.9	3.6	3.7	5.0	4.0	4.7
21	3.9	2.8	3.3	3.7	3.1	3.4	3.8	3.5	3.6	4.7	3.9	4.3
22	3.7	2.8	3.2	4.6	3.4	3.8	4.2	3.6	3.8	4.5	3.9	4.1
23	3.6	2.6	3.1	5.1	3.4	3.9	4.5	3.6	3.9	5.0	4.0	4.6
24	3.5	2.5	3.0	4.7	3.2	4.0	4.1	3.5	3.7	5.1	4.7	4.8
25	3.6	2.6	3.2	4.0	3.6	3.8	4.0	3.4	3.6	5.1	4.6	4.8
26	3.6	2.7	3.2	4.1	3.4	3.6	3.7	3.4	3.5	5.0	4.6	4.8
27	3.7	2.8	3.4	3.8	3.4	3.6	4.0	3.4	3.6	5.0	4.3	4.6
28	3.7	2.8	3.3	3.8	3.4	3.7	3.6	3.2	3.4	4.8	3.7	4.3
29	3.7	2.8	3.2	4.0	3.3	3.6	3.5	3.1	3.3	5.2	4.0	4.7
30	4.3	2.7	3.4	3.7	3.3	3.4	3.3	3.0	3.2	5.5	4.5	5.1
31	---	---	---	3.8	3.3	3.5	---	---	---	---	---	---
MONTH	5.9	2.5	3.9	5.1	2.6	3.6	---	---	---	7.0	3.1	4.6

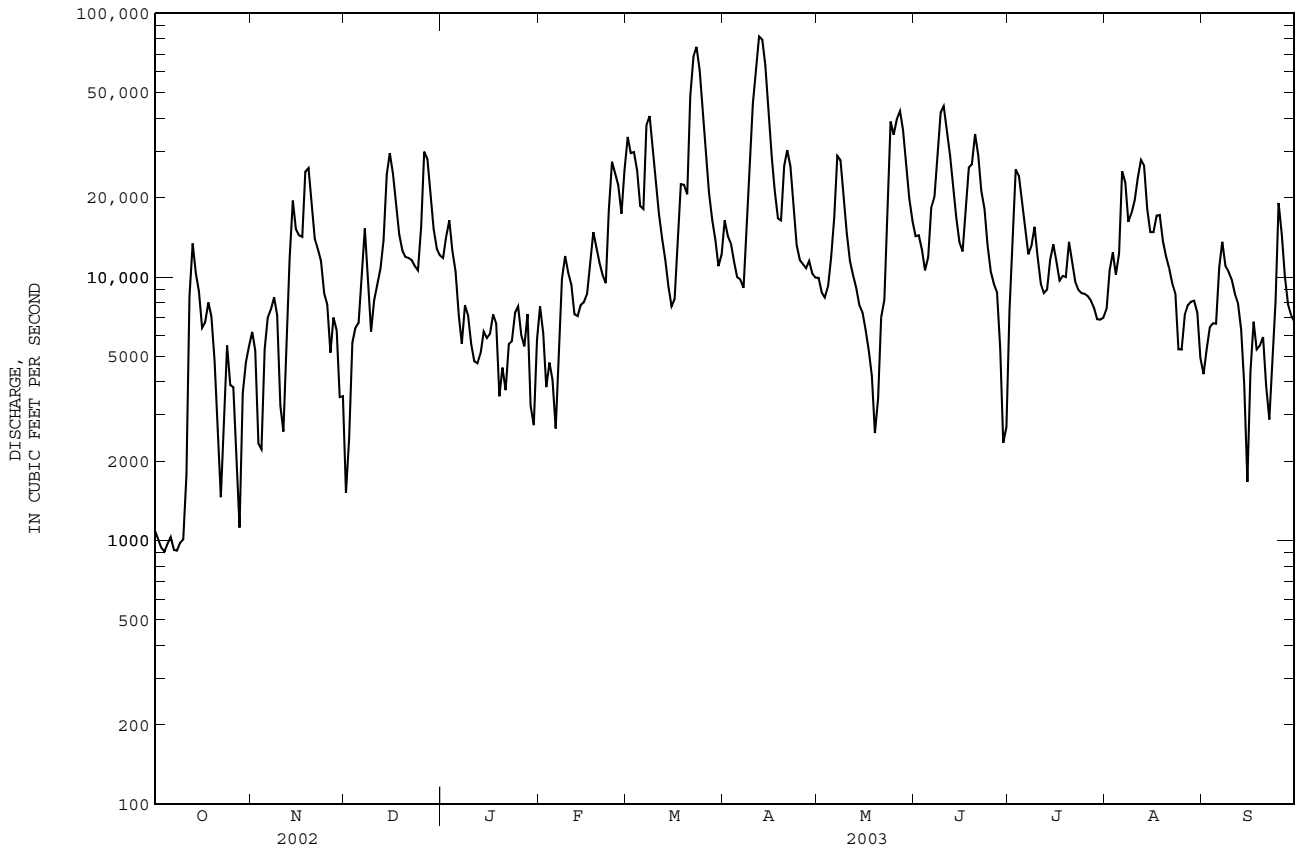
PEE DEE RIVER BASIN

02130561 PEE DEE RIVER NEAR BENNETTSVILLE, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1991 - 2003	
ANNUAL TOTAL	1534279		5064694		8133	
ANNUAL MEAN	4204		13880		13880 2003	
HIGHEST ANNUAL MEAN					2145 2002	
LOWEST ANNUAL MEAN					81800 Apr 12 2003	
HIGHEST DAILY MEAN	29900	Dec 26	81800	Apr 12	81800 Apr 12 2003	
LOWEST DAILY MEAN	173	Jun 17	908	Oct 4	173 Jun 17 2002	
ANNUAL SEVEN-DAY MINIMUM	885	Aug 3	953	Oct 3	486 Nov 16 2001	
MAXIMUM PEAK FLOW			84500	Apr 12	a 88200 Oct 26 1990	
MAXIMUM PEAK STAGE			89.94	Apr 12	a 89.94 Apr 12 2003	
ANNUAL RUNOFF (CFSM)	0.55		1.83		1.07	
ANNUAL RUNOFF (INCHES)	7.51		24.79		14.54	
10 PERCENT EXCEEDS	10700		28100		17800	
50 PERCENT EXCEEDS	2280		10400		4850	
90 PERCENT EXCEEDS	823		3780		1190	

a From discharge measurement made prior to gage installation.

e Estimated

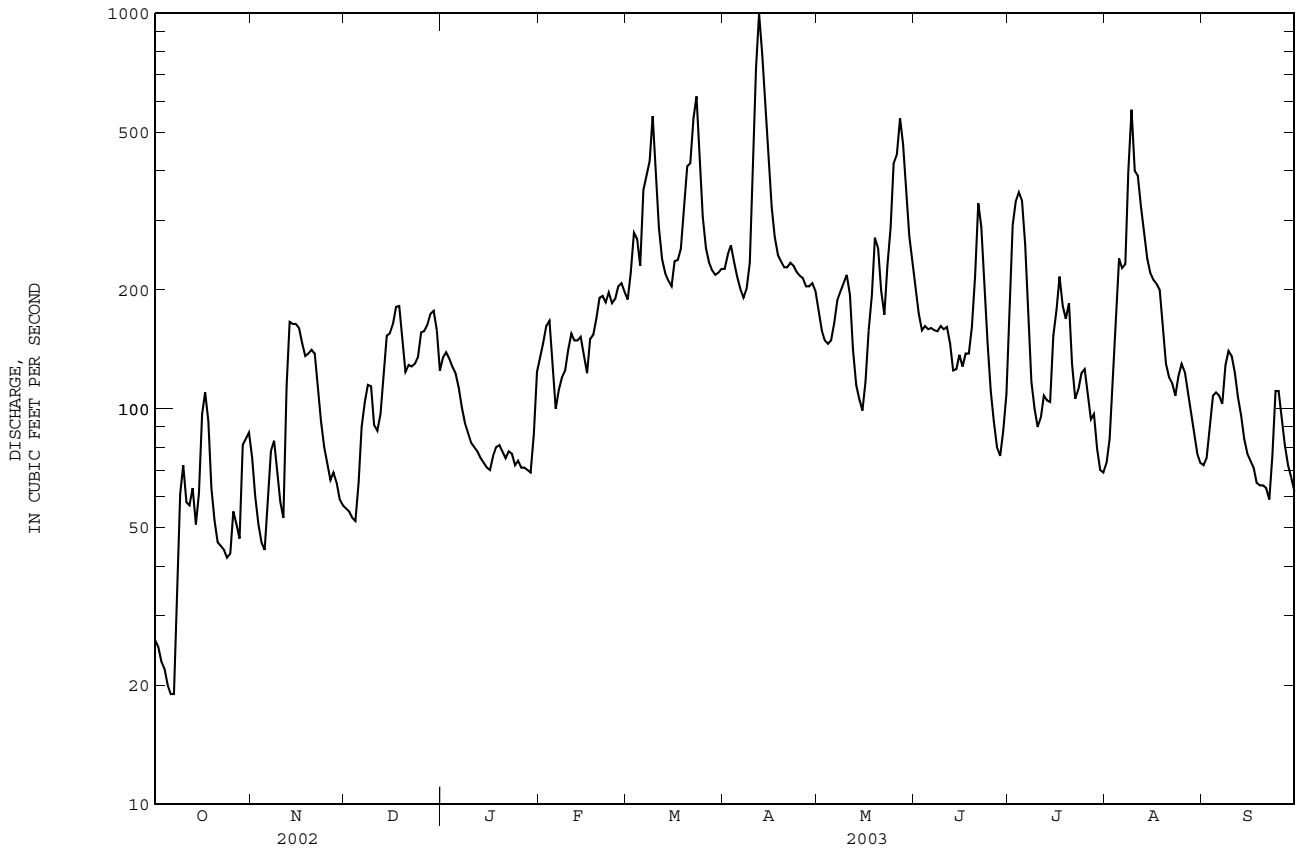


PEE DEE RIVER BASIN

02130900 BLACK CREEK NEAR MCBEE, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1960 - 2003	
ANNUAL TOTAL	24016.7		59738		154	
ANNUAL MEAN	65.8		164		265	
HIGHEST ANNUAL MEAN					53.0	
LOWEST ANNUAL MEAN					2460	
HIGHEST DAILY MEAN	196	Jan 28	1000	Apr 12	2460	Oct 13 1990
LOWEST DAILY MEAN	9.7	a Aug 13	19	b Oct 6	9.7	a Aug 13 2002
ANNUAL SEVEN-DAY MINIMUM	11	Aug 8	22	Oct 1	11	Aug 8 2002
MAXIMUM PEAK FLOW			1040	Apr 12	c 4500	Oct 12 1990
MAXIMUM PEAK STAGE			10.13	Apr 12	13.07	Oct 12 1990
ANNUAL RUNOFF (CFSM)	0.61		1.52		1.42	
ANNUAL RUNOFF (INCHES)	8.27		20.58		19.32	
10 PERCENT EXCEEDS	144		287		280	
50 PERCENT EXCEEDS	57		136		131	
90 PERCENT EXCEEDS	14		62		46	

a Also occurred Aug. 28-30, 2002.
 b Also occurred Oct. 7.
 c From rating curve extended above 1,800 ft³/s.

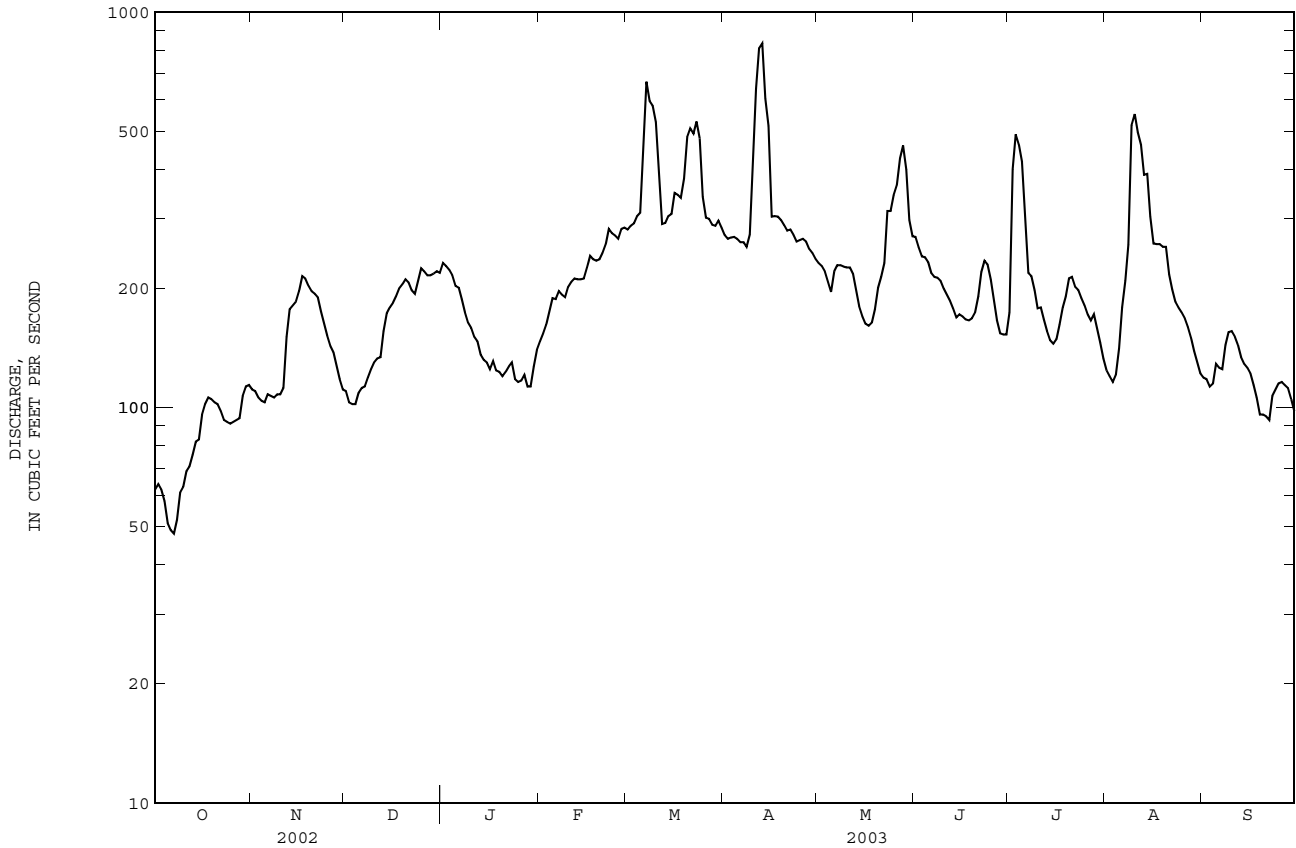


PEE DEE RIVER BASIN

02130910 BLACK CREEK NEAR HARTSVILLE, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1961 - 2003	
ANNUAL TOTAL	34709.4		76740		217	
ANNUAL MEAN	95.1		210		358	
HIGHEST ANNUAL MEAN					79.3	
LOWEST ANNUAL MEAN					2002	
HIGHEST DAILY MEAN	225	Dec 25	834	Apr 13	2890	Oct 13 1990
LOWEST DAILY MEAN	6.1	Aug 11	48	Oct 7	6.1	Aug 11 2002
ANNUAL SEVEN-DAY MINIMUM	8.3	Aug 6	54	Oct 3	8.3	Aug 6 2002
MAXIMUM PEAK FLOW			863	Apr 13	a 4450	Oct 13 1990
MAXIMUM PEAK STAGE			8.18	Apr 13	12.35	Oct 13 1990
ANNUAL RUNOFF (CFSM)	0.55		1.22		1.26	
ANNUAL RUNOFF (INCHES)	7.46		16.50		17.07	
10 PERCENT EXCEEDS	176		340		365	
50 PERCENT EXCEEDS	94		189		190	
90 PERCENT EXCEEDS	15		105		91	

a From rating curve extended above 1,100 ft³/s.

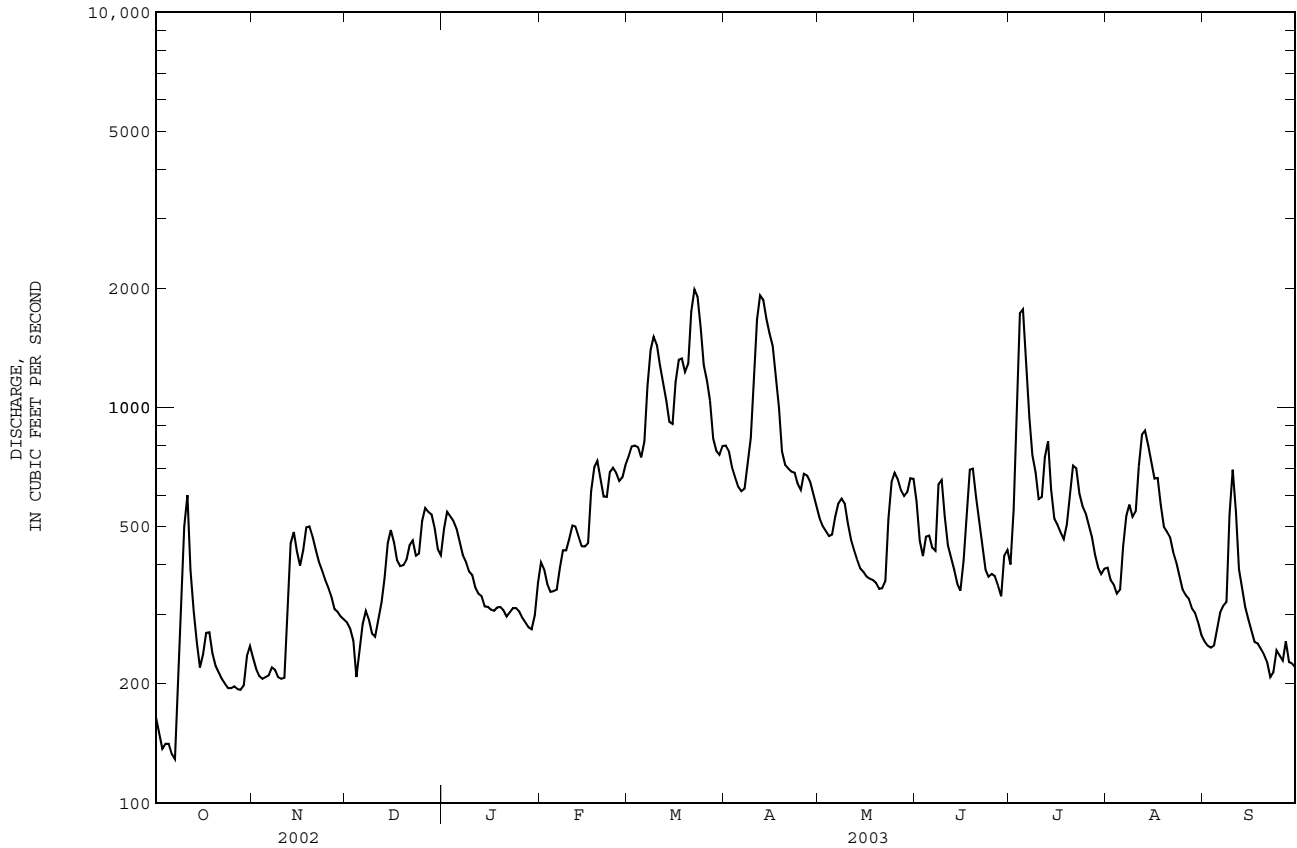


PEE DEE RIVER BASIN

02130980 BLACK CREEK NEAR QUINBY, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 2002 - 2003	
ANNUAL TOTAL	81999		193376			
ANNUAL MEAN	225		530		360	
HIGHEST ANNUAL MEAN					530	2003
LOWEST ANNUAL MEAN					189	2002
HIGHEST DAILY MEAN	600	Oct 11	1990	Mar 22	1990	Mar 22 2003
LOWEST DAILY MEAN	48	Aug 13	129	Oct 7	48	Aug 13 2002
ANNUAL SEVEN-DAY MINIMUM	53	Aug 9	142	Oct 1	53	Aug 9 2002
MAXIMUM PEAK FLOW			2010		2010	Mar 22 2003
MAXIMUM PEAK STAGE			12.58		12.58	Mar 22 2003
ANNUAL RUNOFF (CFSM)	0.51		1.21		0.82	
ANNUAL RUNOFF (INCHES)	6.96		16.42		11.16	
10 PERCENT EXCEEDS	398		862		685	
50 PERCENT EXCEEDS	215		442		270	
90 PERCENT EXCEEDS	80		228		114	

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 2002 TO SEPTEMBER 2003
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.40	0.00	0.22	0.00	0.00	0.00	0.13	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.34	0.00	1.79	0.05	0.00
3	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.73	0.00	0.02	0.00
4	0.00	0.06	0.25	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.02	1.06
5	0.00	0.06	0.20	0.00	0.00	0.02	0.02	0.00	0.00	0.00	0.01	0.08
6	0.00	0.13	0.00	0.00	0.36	0.60	0.03	0.47	0.06	0.00	0.08	0.08
7	0.29	0.00	0.00	0.00	0.10	0.44	0.79	0.00	1.09	0.00	0.00	0.01
8	0.01	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.02	0.00	0.02	0.12
9	0.00	0.00	0.00	0.00	0.00	0.01	0.54	0.00	0.00	0.25	0.03	0.00
10	0.61	0.00	0.12	0.00	0.71	0.00	1.17	0.00	0.00	0.70	0.13	0.00
11	1.95	0.56	0.40	0.00	0.00	0.00	0.06	0.00	0.53	0.66	0.00	0.00
12	0.00	1.57	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.15	0.00
13	0.01	0.17	0.92	0.00	0.00	0.13	0.00	0.00	0.00	0.02	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.20	0.00	0.00	0.04	0.08	0.00	0.00
15	0.75	0.00	0.00	0.00	0.00	1.34	0.00	0.10	0.00	0.00	0.00	0.00
16	0.05	0.59	0.00	0.11	0.76	0.01	0.00	0.00	1.60	0.00	0.01	0.00
17	0.00	0.35	0.00	0.00	0.04	0.21	0.00	0.00	0.06	0.19	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.06	1.46	0.21
19	0.00	0.00	0.33	0.00	0.00	0.28	0.00	0.02	0.78	0.55	0.00	0.00
20	0.00	0.00	0.31	0.00	0.00	1.82	0.00	0.00	0.09	0.00	0.00	0.00
21	0.01	0.00	0.00	0.30	0.01	0.36	0.06	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.02	0.84	0.00	0.20	0.96	0.00	0.07	0.00	0.03
23	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.56	0.00	0.28	0.00	0.36
24	0.01	0.00	0.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.27	0.00	0.02	0.00	0.00	0.00	0.74	0.30	0.00	0.04	0.00	0.00
26	0.00	0.00	0.00	0.00	0.21	0.00	0.04	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.45	0.00	0.00	0.02	0.00	0.00	0.00	0.11
28	0.05	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.30	0.00	0.00	0.00
29	0.23	0.00	0.00	0.02	---	0.01	0.00	0.08	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.60	---	0.66	0.00	0.00	0.00	0.46	0.00	0.00
31	0.02	---	0.02	0.00	---	0.00	---	0.15	---	0.00	0.00	---
TOTAL	4.26	3.49	3.23	1.56	3.64	6.40	3.74	3.00	5.58	5.28	1.98	2.06

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 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 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1410	6370	4260	18300	6600	22300	23600	16100	26800	7760	10500	7260
2	1340	7030	2670	17300	8640	23100	e22100	15400	25000	11300	11100	5820
3	1260	6160	2870	17300	7700	24000	e21000	14300	23000	16200	13200	6380
4	1210	3710	5790	17500	5850	24900	e19800	13300	21200	e18500	14700	7480
5	1220	3200	6970	16800	5850	25500	e18800	13400	19500	e19500	14500	8220
6	1250	5850	7520	15200	5260	25700	e17800	14600	18700	e21500	15700	8510
7	1280	7610	10600	12200	4350	25200	e16800	16900	19000	e22000	18000	11600
8	1220	8660	13800	9740	6870	25100	e15800	18700	19700	20900	19100	13900
9	1200	9380	12500	9460	10800	25700	17500	19900	20800	19900	19600	14100
10	1280	8500	9620	8530	12900	26800	19400	21100	22200	19500	19900	14100
11	1430	5220	9520	7110	13100	27600	21400	21100	23800	18800	20500	13800
12	2120	3900	10400	5910	12500	27300	23800	19900	e25200	17600	21200	12900
13	7820	6710	11900	5480	11000	25900	28200	18500	e26600	16500	22100	11800
14	12500	12400	14400	5880	10200	23700	53400	16800	27400	15900	23100	9890
15	12400	16200	17600	6610	10200	21100	90900	15100	26700	16200	23600	6760
16	11300	16400	19000	6610	10500	19100	97500	13400	25200	16700	23100	3860
17	9020	16300	19700	6750	11300	18000	78900	11500	23200	16600	22100	5400
18	8730	16800	20200	7640	13700	18500	58200	9370	22000	16100	21400	7640
19	9490	18300	19700	7250	15700	19600	43100	6980	22200	15900	21100	7280
20	8820	19200	18800	5000	16000	20800	33200	4800	23000	15900	20400	7100
21	6670	19500	17700	4910	15700	22100	28400	5290	23900	16500	19300	7320
22	4570	19200	16800	4820	15100	23500	26900	8570	24800	16600	18100	5670
23	2930	18300	16000	6020	14700	25300	26300	11000	25400	16000	16600	4270
24	3750	17100	15100	6500	17000	29600	25600	16500	25000	15200	14900	e6000
25	5850	15100	14600	7870	18900	50000	24000	18900	23400	14500	11400	10600
26	4990	12700	16400	8540	19900	67700	21900	20500	21100	14000	9510	15800
27	4420	9910	18600	7350	21200	65000	19900	22600	19000	13400	9480	16300
28	3160	9180	19700	6910	21800	52900	18600	24500	17300	12700	9770	15100
29	2020	7890	20500	7520	---	41100	17800	26200	14200	12000	9960	13200
30	3800	5340	20300	5030	---	32400	16900	27500	10100	11200	10000	11500
31	5510	---	19300	3930	---	26800	---	27800	---	10700	9350	---
TOTAL	143970	332120	432820	275970	343320	906300	947500	510510	665400	496060	513270	289560
MEAN	4644	11070	13960	8902	12260	29240	31580	16470	22180	16000	16560	9652
MAX	12500	19500	20500	18300	21800	67700	97500	27800	27400	22000	23600	16300
MIN	1200	3200	2670	3930	4350	18000	15800	4800	10100	7760	9350	3860
CFSM	0.53	1.25	1.58	1.01	1.39	3.31	3.58	1.87	2.51	1.81	1.88	1.09
IN.	0.61	1.40	1.82	1.16	1.45	3.82	3.99	2.15	2.80	2.09	2.16	1.22

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 2003, BY WATER YEAR (WY)

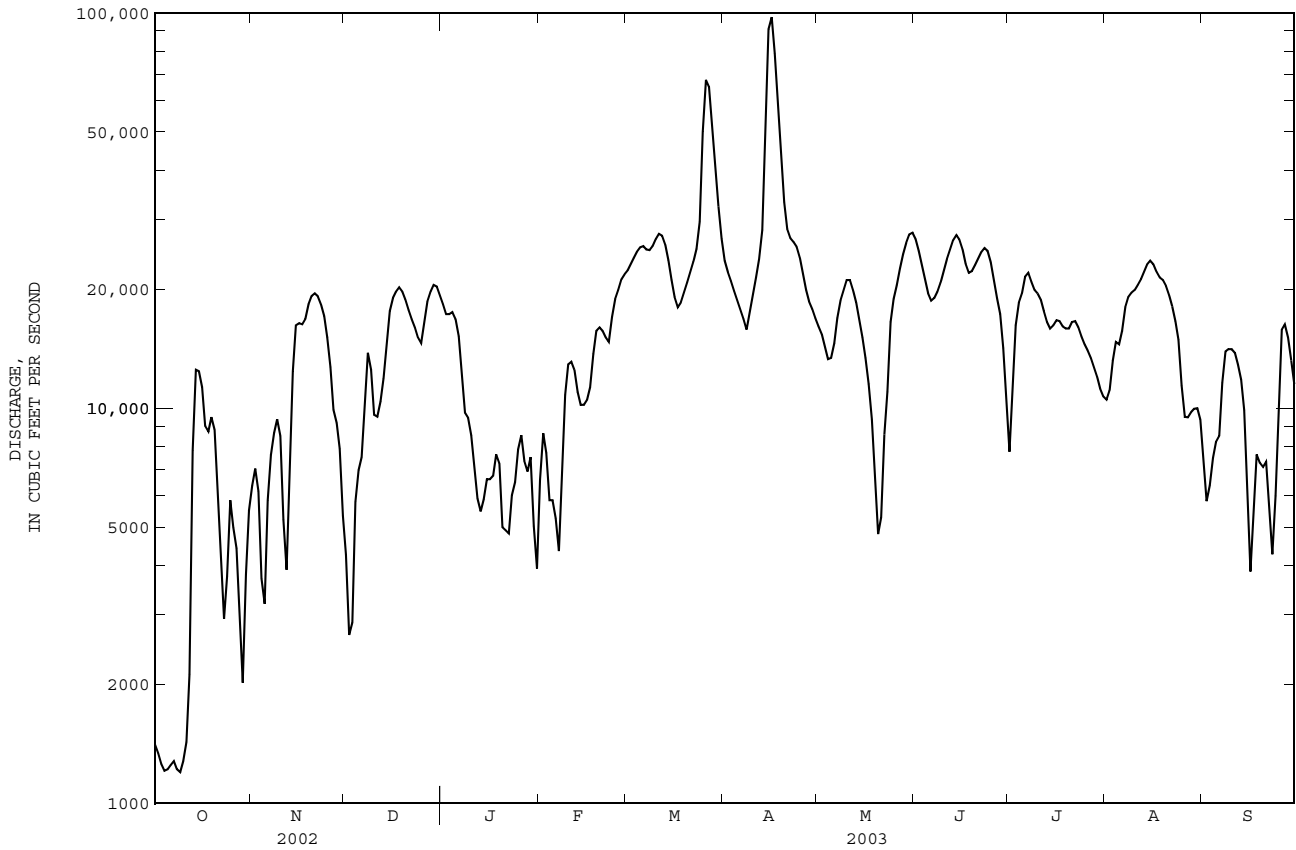
	MEAN	MAX	MIN	(WY)	MEAN	MAX	MIN	(WY)	MEAN	MAX	MIN	(WY)
	6608	29150	1965	1939	6639	18760	1948	1948	8799	22710	1949	1949
	12650	26840	1993	1956	15580	44410	1960	2001	17320	36910	1979	1981
	15580	44410	4042	2001	17320	36910	5505	1981	14180	31790	4055	1981
	9179	24620	1958	2002	7396	21520	2003	2002	6515	21520	1682	2002
	6515	16560	1975	2002	6643	16560	2003	2002	6479	49130	1107	1954

02131000 PEE DEE RIVER AT PEE DEE, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1939 - 2003	
ANNUAL TOTAL	1809940		5856800		9802	
ANNUAL MEAN	4959		16050		16470	
HIGHEST ANNUAL MEAN					2778	
LOWEST ANNUAL MEAN					2002	
HIGHEST DAILY MEAN	20500	Dec 29	97500	Apr 16	217000	Sep 22 1945
LOWEST DAILY MEAN	710	Jul 24	1200	Oct 9	664	Oct 30 2001
ANNUAL SEVEN-DAY MINIMUM	941	Aug 7	1230	Oct 3	701	Nov 15 2001
MAXIMUM PEAK FLOW			101000	a Apr 15	b 220000	Sep 22 1945
MAXIMUM PEAK STAGE			29.48	Apr 16	c 33.30	Sep 22 1945
ANNUAL RUNOFF (CFSM)	0.56		1.82		1.11	
ANNUAL RUNOFF (INCHES)	7.63		24.67		15.08	
10 PERCENT EXCEEDS	12400		25200		20100	
50 PERCENT EXCEEDS	2960		15700		6990	
90 PERCENT EXCEEDS	1080		5240		2850	

a Also occurred Apr. 16.
 b From rating curve extended above 76,000 ft³/s on basis of discharge measurement of 221,000 ft³/s at Cheraw.
 c 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 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1340	6850	4940	17700	6690	22700	26200	16200	28700	9340	11400	7880
2	1250	7560	3040	16800	8950	23800	23100	15600	26700	12100	11800	6310
3	1180	6950	2860	16600	8280	25100	21100	14800	24100	15700	13500	6720
4	1130	4340	6210	16600	6340	26200	19600	14000	21500	17500	14700	7870
5	1140	3140	7640	16100	6240	27100	18500	13900	19200	19300	14700	8620
6	1150	6050	8210	15100	5740	27500	17200	14700	18200	21100	15400	8900
7	1240	8060	10800	12800	4640	27200	16600	16100	18300	22000	16800	11400
8	1220	9130	13800	10300	7110	26800	16100	17400	18900	21200	17800	13400
9	1170	9920	13000	9750	10800	27300	16800	19000	19900	19800	18800	13700
10	1250	9300	10500	8900	12900	28500	18300	e20300	21600	19300	19300	13800
11	1390	6190	10200	7470	13200	29700	20700	e21400	23800	18600	19800	13700
12	1830	4080	11000	6190	12800	29900	24000	e20400	25900	17400	20600	13100
13	7360	6880	12200	5650	11600	28600	27500	e19000	27800	16500	21900	12200
14	12500	11900	14200	6010	10700	26100	45300	e17400	29000	16000	23200	10500
15	12700	15300	16400	6780	10700	22400	82700	15600	28700	16100	24100	7640
16	11800	15700	17500	6850	11000	19300	96600	14300	27000	16300	23900	4400
17	9900	15800	18700	6980	11700	17700	88100	12600	24700	16300	22600	5660
18	9280	16000	19500	7820	13500	17700	69200	10600	e22800	16000	21400	8060
19	10000	17000	19400	e7590	15100	18700	52100	8230	e23200	15900	20500	7870
20	9540	17900	18400	e5360	15500	e21000	40300	5800	23700	15800	19600	7660
21	7590	18600	17300	e5070	15400	e22500	33200	6150	25000	16200	18500	7890
22	5250	18500	16600	4860	15100	e23900	30000	9450	26100	16300	17200	6360
23	3290	17700	16000	5980	14800	e25500	28400	11600	26900	16000	16100	4750
24	3690	16800	15300	6750	16100	e28900	27500	15700	26900	15500	15000	6330
25	6200	15400	14800	8080	17500	44900	26000	17400	25400	15000	12400	10200
26	5640	13600	15800	8830	18900	64900	23100	19300	22400	14500	10200	14500
27	4860	11100	17200	7820	20600	68100	20200	22000	19400	14100	9960	15200
28	3630	10200	18600	7230	21900	58300	18500	24600	17400	13500	10200	14700
29	2080	8920	19700	7920	---	47700	17400	26700	15200	12800	10200	13500
30	3710	6210	19900	5490	---	38300	16800	28500	11800	12100	10300	12100
31	5740	---	19000	4100	---	31300	---	29500	---	11600	9750	---
TOTAL	150050	335080	428700	279480	343790	947600	981100	518230	690200	499840	511610	294920
MEAN	4840	11170	13830	9015	12280	30570	32700	16720	23010	16120	16500	9831
MAX	12700	18600	19900	17700	21900	68100	96600	29500	29000	22000	24100	15200
MIN	1130	3140	2860	4100	4640	17700	16100	5800	11800	9340	9750	4400
CFSM	0.55	1.26	1.56	1.02	1.39	3.45	3.70	1.89	2.60	1.82	1.86	1.11
IN.	0.63	1.41	1.80	1.17	1.45	3.98	4.12	2.18	2.90	2.10	2.15	1.24

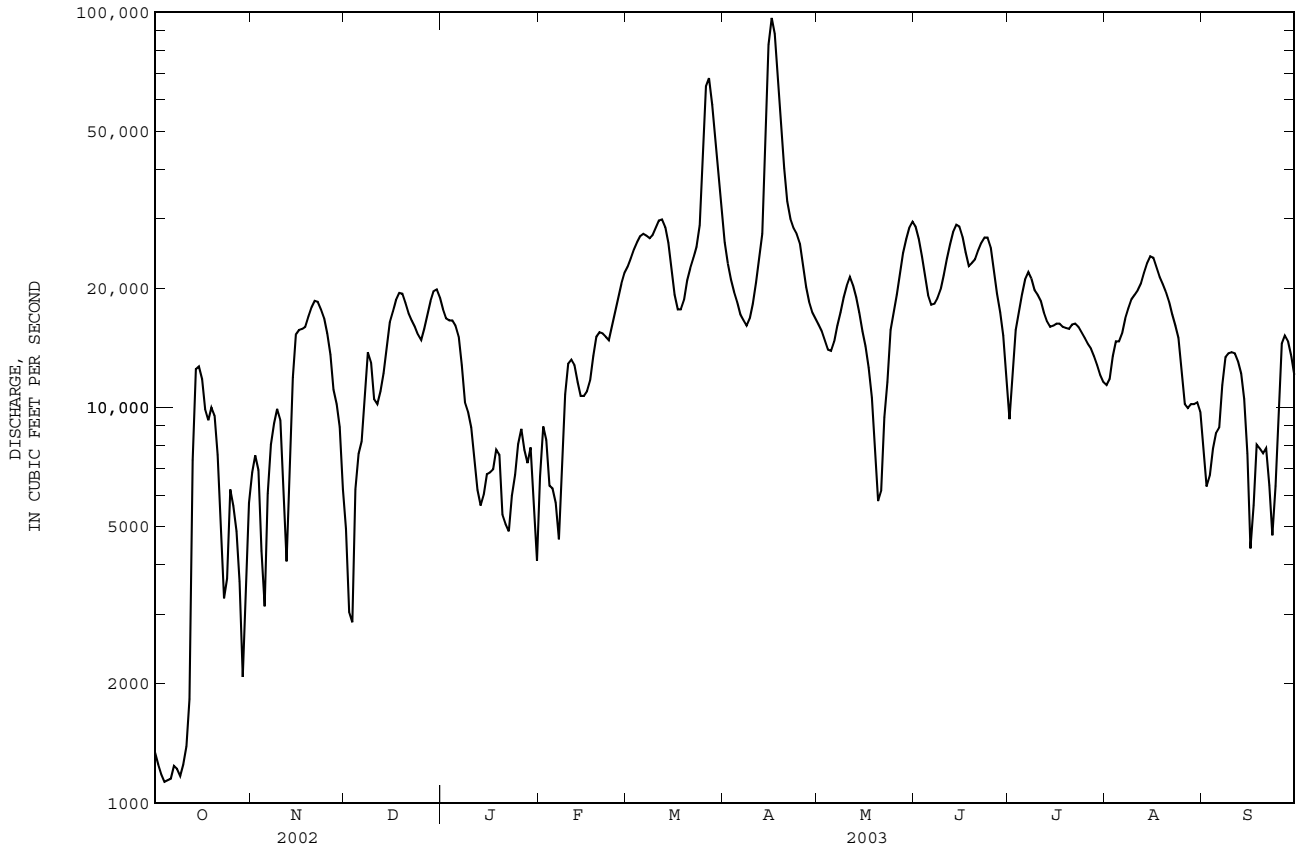
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1997 - 2003, BY WATER YEAR (WY)

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
MEAN	4940	4929	7039	10250	13730	14250	12420	8715	6603	5397	4985	4688
MAX	9686	11170	13830	22580	30550	30570	32700	16720	23010	16120	16500	9831
(WY)	2000	2003	2003	1998	1998	2003	2003	2003	2003	2003	2003	2003
MIN	1068	778	1993	3575	4291	5747	4448	2357	2096	1760	1136	1832
(WY)	2002	2002	2002	2001	2001	2002	2002	2001	2002	2002	2002	2002

02131010 PEE DEE RIVER BELOW PEE DEE, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1997 - 2003	
ANNUAL TOTAL	1844288		5980600		8130	
ANNUAL MEAN	5053		16390		16390	
HIGHEST ANNUAL MEAN					2003	
LOWEST ANNUAL MEAN					2873	
HIGHEST DAILY MEAN	19900	Dec 30	96600	Apr 16	96600	Apr 16 2003
LOWEST DAILY MEAN	730	Jun 19	1130	Oct 4	671	Oct 30 2001
ANNUAL SEVEN-DAY MINIMUM	977	Aug 7	1180	Oct 3	692	Nov 15 2001
MAXIMUM PEAK FLOW			99000		99000	
MAXIMUM PEAK STAGE			33.96		33.96	
ANNUAL RUNOFF (CFSM)	0.57		1.85		0.92	
ANNUAL RUNOFF (INCHES)	7.75		25.14		12.48	
10 PERCENT EXCEEDS	12600		26900		18400	
50 PERCENT EXCEEDS	3090		15400		5110	
90 PERCENT EXCEEDS	1080		5710		1620	

e Estimated



PEE DEE RIVER BASIN

02131221 PEE DEE RIVER AT POSTON, SC

LOCATION.--Lat 33°53'07'', long 79°24'38'', Florence County, Hydrologic Unit 03040201, on right bank at boat landing, 1.2 mi northeast of Poston, and at mile 66.0.

PERIOD OF RECORD.--May 1996 to July 2003.

PERIOD OF DAILY RECORD.--

pH: May 1996 to July 2003 (discontinued).

WATER TEMPERATURE: October 1995 to July 2003 (discontinued).

DISSOLVED OXYGEN: May 1996 to July 2003 (discontinued).

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

REMARKS.--pH records rated good except for Dec. 9-31 and Mar. 11 to Apr. 11, which are poor. Temperature records rated excellent. Dissolved oxygen records rated fair except for Dec. 9-31 and June 12 to July 14, which are poor.

EXTREMES FOR PERIOD OF DAILY RECORD.--

pH: Maximum, 8.9 units, July 20, 2002; minimum, 5.9 units, Apr. 4, 2000.

WATER TEMPERATURE: Maximum, 33.0°C, Jul. 3, 1996, Aug. 1, 1999; minimum, 2.5°C, Dec. 29, 1995, Jan. 11, 13, 14, 1996, Jan. 28-30, 2000, Jan. 3-6, 2001.

DISSOLVED OXYGEN: Maximum, 14.1 mg/L, Jan. 5, 6, 2001; minimum, 2.5 mg/L, Sep. 13, 17, 1996, July 1, 2003.

EXTREMES FOR CURRENT YEAR.--

pH: Maximum, 7.5 units, Jan. 24-30, Feb. 19, June 8; minimum, 5.9 units, Mar. 27-31, Apr. 5, 6, and several days in June.

WATER TEMPERATURE: Maximum, 28.6°C, Oct 5; minimum, 3.4°C, Jan. 27.

DISSOLVED OXYGEN: Maximum, 13.4 mg/L, Jan. 26; minimum, 2.5 mg/L, July 1.

pH, water, unfiltered, field, standard units
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	6.9	6.8	7.0	7.0	6.9	6.8	6.4	6.3	7.3	7.3	7.1	7.0
2	7.0	6.8	7.0	7.0	6.9	6.9	6.4	6.4	7.4	7.3	7.0	7.0
3	7.0	6.9	7.0	7.0	7.0	6.9	6.5	6.4	7.4	7.3	7.0	6.9
4	7.0	6.9	7.0	7.0	7.1	6.9	6.7	6.5	7.3	7.2	7.0	6.9
5	7.0	6.9	7.0	7.0	7.2	7.1	6.7	6.6	7.2	7.2	---	---
6	7.0	7.0	7.1	7.0	7.2	7.2	6.7	6.6	7.3	7.2	---	---
7	7.0	7.0	7.1	7.1	7.3	7.2	6.7	6.7	7.3	7.2	---	---
8	7.0	7.0	7.1	7.0	7.3	7.2	6.7	6.6	7.3	7.2	---	---
9	7.1	7.0	7.1	7.0	7.2	7.0	6.8	6.6	7.3	7.2	---	---
10	7.0	7.0	7.0	7.0	7.0	6.8	6.9	6.8	7.3	7.3	6.9	6.8
11	7.0	6.9	7.0	6.9	6.8	6.8	6.9	6.8	7.4	7.3	6.8	6.7
12	6.9	6.9	7.0	6.9	7.0	6.8	7.0	6.9	7.4	7.2	6.8	6.7
13	6.9	6.6	7.2	7.0	7.0	6.9	7.1	7.0	7.3	7.2	6.7	6.6
14	6.6	6.5	7.2	7.1	7.0	7.0	7.2	7.1	7.3	7.2	6.6	6.6
15	6.5	6.4	7.2	7.0	7.0	6.9	7.3	7.2	7.2	7.2	6.6	6.6
16	6.4	6.3	7.0	6.9	6.9	6.8	7.3	7.2	7.3	7.2	6.7	6.5
17	6.3	6.3	6.9	6.8	6.8	6.6	7.4	7.3	7.3	7.2	6.6	6.5
18	6.6	6.3	6.9	6.9	6.6	6.6	7.4	7.3	7.4	7.3	6.6	6.5
19	6.7	6.6	7.0	6.9	6.6	6.5	7.4	7.4	7.5	7.4	6.7	6.6
20	6.7	6.6	7.0	6.8	6.6	6.5	7.4	7.3	7.4	7.3	6.6	6.6
21	6.7	6.6	6.8	6.8	6.6	6.5	7.3	7.3	7.3	7.2	6.6	6.5
22	6.7	6.6	6.8	6.7	6.6	6.5	7.4	7.3	7.3	7.2	6.5	6.4
23	6.9	6.7	6.7	6.7	6.6	6.6	7.4	7.4	7.2	7.2	6.4	6.3
24	6.9	6.8	6.7	6.7	6.7	6.6	7.5	7.4	7.2	7.2	6.3	6.2
25	6.9	6.8	6.7	6.7	6.7	6.6	7.5	7.4	7.2	7.1	6.2	6.1
26	6.9	6.8	6.7	6.6	6.8	6.6	7.5	7.4	---	---	6.2	6.0
27	6.9	6.8	6.6	6.6	6.9	6.8	7.5	7.5	---	---	6.1	5.9
28	7.0	6.8	6.7	6.6	---	---	7.5	7.4	---	---	6.0	5.9
29	7.0	7.0	6.8	6.6	---	---	7.5	7.4	---	---	6.0	5.9
30	7.0	6.9	6.8	6.8	6.7	6.5	7.5	7.4	---	---	6.0	5.9
31	7.0	7.0	---	---	6.6	6.4	7.4	7.3	---	---	6.0	5.9
MONTH	7.1	6.3	7.2	6.6	---	---	7.5	6.3	---	---	---	---

PEE DEE RIVER BASIN

02131221 PEE DEE RIVER AT POSTON, SC--Continued

Temperature, water, degrees Celsius
 WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	27.0	25.9	26.5	18.1	16.8	17.5	10.0	9.6	9.8	7.9	7.2	7.6
2	27.5	26.1	26.8	16.8	16.1	16.4	9.6	9.1	9.3	8.1	7.9	8.0
3	27.9	26.6	27.3	16.3	15.9	16.1	9.4	8.9	9.2	8.5	7.8	8.2
4	28.2	27.1	27.7	15.9	15.5	15.6	9.2	8.4	8.8	8.5	8.2	8.4
5	28.6	27.1	27.9	15.5	15.2	15.3	8.4	7.8	8.0	8.2	8.0	8.1
6	28.5	27.7	28.2	16.0	15.2	15.7	8.7	7.8	8.2	8.2	7.9	8.0
7	28.2	27.4	27.8	15.7	14.7	15.1	8.3	7.5	7.8	7.9	7.3	7.6
8	27.7	25.5	26.7	15.1	14.7	14.9	8.1	7.3	7.6	7.3	6.8	7.1
9	25.5	24.6	24.9	14.9	14.6	14.8	8.1	7.6	7.9	7.7	7.1	7.4
10	24.6	23.8	24.2	15.2	14.5	14.9	7.6	7.1	7.4	8.0	7.6	7.8
11	24.3	24.0	24.1	16.0	15.2	15.6	7.3	7.0	7.1	8.1	7.7	7.9
12	25.0	23.6	24.2	16.2	15.9	16.0	7.4	7.2	7.3	8.0	7.5	7.7
13	24.7	23.8	24.3	16.4	16.1	16.2	7.3	6.9	7.1	7.5	7.2	7.3
14	23.8	23.1	23.3	16.4	15.6	16.0	7.9	6.8	7.3	7.2	6.6	6.8
15	23.4	21.2	22.2	15.6	15.2	15.4	8.2	7.9	8.1	6.6	6.0	6.3
16	21.2	20.3	20.7	15.6	15.2	15.3	8.2	7.9	8.0	6.3	5.7	6.0
17	20.4	20.0	20.2	15.4	14.7	15.0	7.9	7.6	7.7	6.4	6.2	6.3
18	20.1	19.5	19.7	14.8	14.3	14.6	7.8	7.6	7.7	6.2	5.6	5.9
19	19.6	18.9	19.2	14.3	13.9	14.1	8.1	7.8	7.9	5.6	5.0	5.2
20	19.1	18.7	18.9	14.1	13.6	13.8	9.0	8.1	8.6	5.4	4.9	5.2
21	18.8	18.3	18.5	13.6	13.3	13.4	8.9	8.7	8.8	6.3	5.3	5.7
22	18.6	18.4	18.5	13.3	13.0	13.2	8.9	8.5	8.7	6.3	5.7	6.1
23	18.8	18.3	18.6	13.0	12.3	12.7	9.1	8.8	9.0	5.7	5.1	5.5
24	18.8	18.6	18.7	12.3	12.0	12.2	8.8	8.6	8.8	5.1	4.5	4.9
25	18.7	18.4	18.6	12.0	11.8	11.9	9.0	8.5	8.8	4.5	3.9	4.2
26	18.6	17.8	18.2	12.0	11.6	11.8	8.5	8.0	8.3	4.1	3.5	3.7
27	19.0	18.3	18.7	11.9	11.5	11.7	8.0	7.5	7.7	4.1	3.4	3.7
28	19.5	18.9	19.1	11.5	10.8	11.1	---	---	---	4.2	3.5	3.8
29	19.5	19.0	19.3	10.8	10.0	10.4	---	---	---	4.9	4.0	4.4
30	19.0	18.3	18.7	10.0	9.8	9.9	7.0	6.8	6.9	5.2	4.7	4.9
31	18.5	17.9	18.2	---	---	---	7.2	7.0	7.1	5.6	5.1	5.4
MONTH	28.6	17.8	22.3	18.1	9.8	14.2	---	---	---	8.5	3.4	6.3

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	6.4	5.5	5.9	7.9	7.6	7.7	14.9	14.5	14.7	19.0	18.4	18.7
2	6.7	6.2	6.4	8.2	7.6	7.8	15.2	14.5	14.9	19.9	18.8	19.3
3	6.6	5.9	6.2	8.5	7.9	8.2	15.5	14.8	15.1	---	---	---
4	7.9	6.6	7.2	8.8	8.2	8.5	15.9	15.2	15.5	---	---	---
5	8.4	7.8	8.1	---	---	---	16.5	15.8	16.1	---	---	---
6	8.5	8.3	8.4	---	---	---	16.5	16.3	16.4	---	---	---
7	8.5	8.0	8.2	---	---	---	16.3	15.7	16.0	19.4	18.7	19.0
8	8.3	8.0	8.1	---	---	---	15.7	14.9	15.3	19.1	18.4	18.7
9	8.0	7.4	7.7	---	---	---	14.9	14.1	14.6	19.4	18.4	18.9
10	7.6	7.4	7.5	11.4	10.6	10.9	14.1	13.0	13.5	20.4	19.3	19.7
11	7.5	6.8	7.2	11.9	11.1	11.5	13.0	12.3	12.6	20.9	20.4	20.7
12	7.4	6.8	7.1	12.6	11.8	12.1	12.7	11.9	12.3	21.5	20.9	21.2
13	7.3	6.9	7.1	12.9	12.5	12.7	13.4	12.5	12.9	21.6	21.0	21.3
14	7.3	6.9	7.1	13.1	12.8	12.9	14.1	12.8	13.5	21.4	20.9	21.2
15	7.8	7.2	7.5	13.0	12.3	12.6	14.4	13.9	14.1	21.2	20.8	21.0
16	7.6	7.4	7.5	12.9	12.2	12.5	14.8	14.3	14.5	20.9	20.4	20.7
17	7.4	6.9	7.1	13.0	12.7	12.9	14.9	14.6	14.8	20.8	20.6	20.7
18	7.0	6.4	6.9	13.7	13.0	13.3	15.3	14.9	15.1	20.7	20.5	20.6
19	6.4	5.7	6.0	13.7	13.2	13.4	15.6	15.3	15.4	20.6	19.9	20.2
20	6.2	5.9	6.0	13.3	12.9	13.1	16.0	15.5	15.7	20.5	19.8	20.1
21	6.6	6.1	6.3	13.8	13.3	13.5	16.5	16.0	16.2	21.2	20.2	20.7
22	7.7	6.6	7.2	14.5	13.6	14.0	16.9	16.5	16.7	21.2	20.8	21.0
23	8.7	7.7	8.3	14.3	13.9	14.0	16.8	16.4	16.6	21.3	20.0	20.6
24	8.9	8.3	8.6	14.5	13.7	14.1	16.6	16.1	16.3	---	---	---
25	9.3	8.7	9.0	14.8	14.1	14.4	16.4	16.1	16.2	20.5	19.6	19.9
26	---	---	---	15.2	14.5	14.8	16.7	16.1	16.3	19.9	19.5	19.7
27	---	---	---	15.2	14.9	15.1	17.0	16.5	16.7	20.2	19.8	19.9
28	---	---	---	15.5	15.1	15.3	17.5	16.7	17.1	20.3	19.8	20.1
29	---	---	---	15.9	15.4	15.6	18.7	17.3	17.7	20.4	20.0	20.2
30	---	---	---	15.9	15.4	15.8	18.7	17.9	18.2	---	---	---
31	---	---	---	15.4	14.9	15.2	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	18.7	11.9	15.4	---	---	---

PEE DEE RIVER BASIN

02131221 PEE DEE RIVER AT POSTON, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

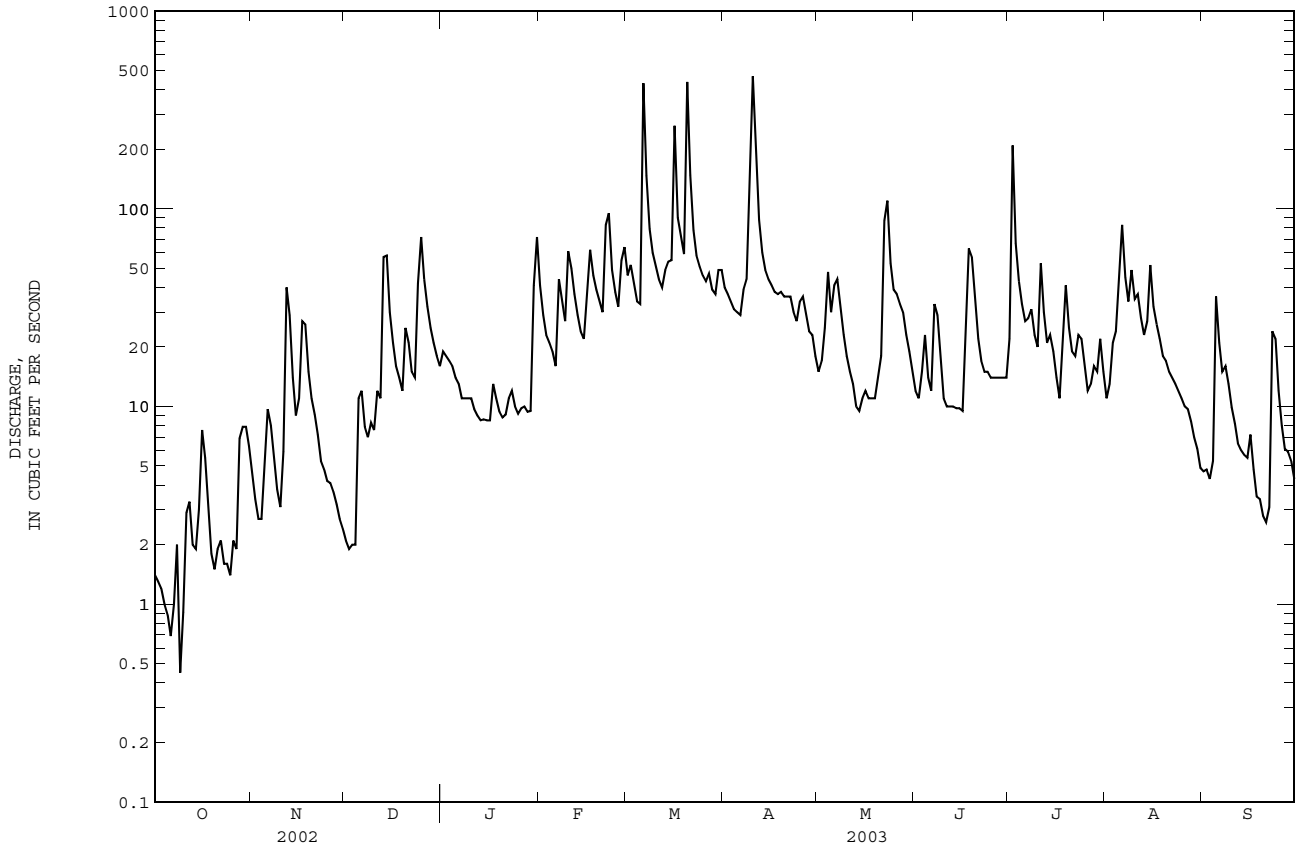
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	6.4	5.8	6.1	7.6	7.0	7.3	8.0	7.6	7.8	10.6	10.2	10.4
2	6.2	5.5	5.9	8.0	7.3	7.8	8.3	7.8	8.1	10.4	10.1	10.2
3	5.7	5.3	5.5	8.1	7.6	7.9	8.3	7.7	8.0	10.3	10.1	10.2
4	5.5	5.1	5.3	8.0	7.5	7.7	9.4	7.9	8.7	10.7	10.2	10.5
5	5.6	5.1	5.3	7.9	7.4	7.7	10.2	9.2	9.7	10.7	10.5	10.6
6	5.4	4.9	5.2	8.3	7.4	7.9	9.9	9.5	9.7	10.5	10.2	10.3
7	5.6	5.0	5.3	8.6	8.0	8.4	10.8	9.6	10.1	10.3	9.9	10.1
8	5.4	5.2	5.3	8.6	8.2	8.4	10.9	10.5	10.7	9.9	9.6	9.8
9	5.6	5.3	5.4	9.0	8.2	8.7	10.9	10.4	10.7	10.2	9.6	9.9
10	5.7	5.3	5.5	9.0	8.4	8.8	10.7	10.0	10.4	10.6	10.2	10.4
11	5.7	5.2	5.4	8.7	7.8	8.2	10.3	9.9	10.1	10.5	10.2	10.3
12	5.5	5.2	5.4	8.1	7.3	7.6	10.7	10.3	10.5	10.5	10.2	10.4
13	5.9	5.3	5.5	7.9	7.4	7.7	10.9	10.4	10.6	10.7	10.4	10.5
14	5.9	5.1	5.6	8.2	7.7	7.9	11.0	10.7	10.8	11.3	10.6	11.0
15	5.8	5.3	5.7	8.2	7.8	8.0	10.7	10.3	10.6	11.9	11.2	11.6
16	5.7	5.5	5.6	8.2	7.6	7.9	10.4	10.2	10.4	12.0	11.8	11.9
17	5.9	5.6	5.8	7.8	7.5	7.6	10.3	10.1	10.2	11.9	11.7	11.8
18	6.3	5.8	6.0	7.8	7.4	7.6	10.1	9.9	10.0	12.2	11.8	12.0
19	6.7	6.1	6.5	8.2	7.7	8.0	9.9	9.5	9.7	12.4	12.2	12.3
20	6.8	6.4	6.6	8.3	7.8	8.2	9.5	9.1	9.2	12.2	12.0	12.1
21	7.0	6.6	6.8	8.2	7.6	7.9	9.1	8.9	9.0	12.1	11.9	12.0
22	6.8	6.4	6.6	7.8	7.3	7.5	9.2	9.0	9.1	12.1	11.9	12.0
23	6.8	6.3	6.5	7.4	7.0	7.2	---	---	---	12.3	12.1	12.2
24	6.8	6.1	6.5	7.3	7.2	7.3	---	---	---	12.5	12.0	12.3
25	7.2	6.6	6.9	7.4	7.2	7.3	---	---	---	12.9	12.4	12.7
26	7.4	6.9	7.2	7.3	6.9	7.1	---	---	---	13.4	12.8	13.1
27	7.2	6.7	7.0	7.2	6.8	7.0	---	---	---	13.3	13.1	13.2
28	7.2	6.4	6.9	7.6	6.8	7.1	---	---	---	13.1	12.9	13.0
29	6.6	6.0	6.4	8.4	7.6	8.1	---	---	---	13.1	12.9	13.0
30	6.6	5.8	6.2	8.4	7.8	8.2	---	---	---	13.1	12.6	12.9
31	7.2	6.4	6.9	---	---	---	---	---	---	12.6	12.1	12.4
MONTH	7.4	4.9	6.0	9.0	6.8	7.8	---	---	---	13.4	9.6	11.5

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	12.1	11.8	11.9	9.8	9.6	9.6	5.4	4.7	5.1	6.4	5.9	6.1
2	12.3	11.9	12.1	9.9	9.7	9.8	5.6	5.2	5.3	6.4	6.0	6.2
3	12.5	12.1	12.3	9.9	9.7	9.8	5.9	5.3	5.6	---	---	---
4	12.2	11.6	11.8	9.7	9.4	9.6	6.4	5.7	5.9	---	---	---
5	11.6	11.3	11.4	---	---	---	6.4	5.5	5.9	---	---	---
6	11.5	11.2	11.2	---	---	---	5.9	5.0	5.4	---	---	---
7	11.2	10.8	11.0	---	---	---	5.8	5.2	5.4	7.2	6.9	7.1
8	11.1	10.8	10.9	---	---	---	5.8	5.1	5.4	7.4	7.2	7.3
9	11.9	11.0	11.4	---	---	---	6.1	5.3	5.7	7.3	6.6	6.9
10	11.7	11.6	11.7	8.4	7.7	8.0	7.0	6.0	6.5	6.6	6.0	6.3
11	11.9	11.7	11.8	8.3	7.2	7.6	7.5	6.7	7.2	6.1	5.3	5.6
12	12.0	11.4	11.7	7.5	7.0	7.2	7.5	7.1	7.3	5.4	5.1	5.2
13	11.7	10.6	11.4	7.4	6.6	6.9	7.3	6.7	7.0	5.7	5.1	5.2
14	11.1	10.2	10.7	7.3	6.5	6.8	7.1	6.5	6.7	5.5	5.2	5.3
15	11.1	10.7	10.9	7.3	6.4	6.7	7.0	6.6	6.8	5.5	5.1	5.2
16	11.3	11.0	11.1	7.3	6.3	6.6	7.0	6.5	6.7	5.5	5.1	5.3
17	11.2	10.9	11.1	7.0	6.3	6.6	6.8	6.3	6.5	5.4	5.1	5.2
18	11.5	11.1	11.3	6.8	6.1	6.5	6.3	5.7	6.0	5.2	5.1	5.2
19	11.8	11.3	11.5	7.4	6.4	6.7	6.1	5.6	5.8	5.2	5.1	5.1
20	11.6	11.4	11.5	7.4	6.6	7.0	6.0	5.8	6.0	5.3	5.1	5.2
21	11.5	10.3	11.2	7.4	6.5	6.9	5.9	5.4	5.7	5.8	5.2	5.4
22	11.2	10.2	10.9	7.2	6.0	6.7	6.3	5.8	6.1	6.4	5.8	6.1
23	11.0	9.9	10.6	7.2	6.2	6.7	6.3	5.6	6.0	6.8	6.4	6.6
24	10.6	9.6	10.2	6.9	5.9	6.4	6.6	6.0	6.3	---	---	---
25	10.6	10.3	10.4	6.8	5.6	6.2	6.6	6.2	6.4	---	---	---
26	---	---	---	6.5	5.0	5.6	6.4	6.0	6.2	---	---	---
27	---	---	---	6.2	5.1	5.5	6.3	5.9	6.2	6.7	6.1	6.4
28	---	---	---	5.7	4.5	5.1	6.2	6.0	6.1	6.2	5.8	6.1
29	---	---	---	4.9	4.5	4.7	6.3	6.0	6.1	6.0	5.5	5.7
30	---	---	---	4.9	4.4	4.6	6.3	6.0	6.2	---	---	---
31	---	---	---	5.2	4.4	4.8	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	7.5	4.7	6.1	---	---	---

02131472 HANGING ROCK CREEK NEAR KERSHAW, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1981 - 2003	
ANNUAL TOTAL	2222.53		10591.53		24.2	
ANNUAL MEAN	6.09		29.0		46.6	
HIGHEST ANNUAL MEAN					3.49	
LOWEST ANNUAL MEAN					1991	
HIGHEST DAILY MEAN	72	Dec 25	469	Apr 10	1080	Oct 11 1990
LOWEST DAILY MEAN	0.22	Aug 12	0.45	Oct 9	0.13	a Jul 10 1986
ANNUAL SEVEN-DAY MINIMUM	0.43	Jul 25	0.99	Oct 4	0.19	Jul 29 1986
MAXIMUM PEAK FLOW			822	Mar 20	b 3760	Oct 10 1990
MAXIMUM PEAK STAGE			8.02	Mar 20	10.69	Oct 10 1990
ANNUAL RUNOFF (CFSM)	0.25		1.21		1.01	
ANNUAL RUNOFF (INCHES)	3.46		16.49		13.75	
10 PERCENT EXCEEDS	16		53		49	
50 PERCENT EXCEEDS	2.1		17		13	
90 PERCENT EXCEEDS	0.51		3.2		1.7	

a Also occurred Jul. 20, 21, 1986.
 b From rating curve extended above 1,500 ft³/s.
 e Estimated



PEE DEE RIVER BASIN

02131500 LYNCHES RIVER NEAR BISHOPVILLE, SC--Continued

SUMMARY STATISTICS

FOR 2003 WATER YEAR

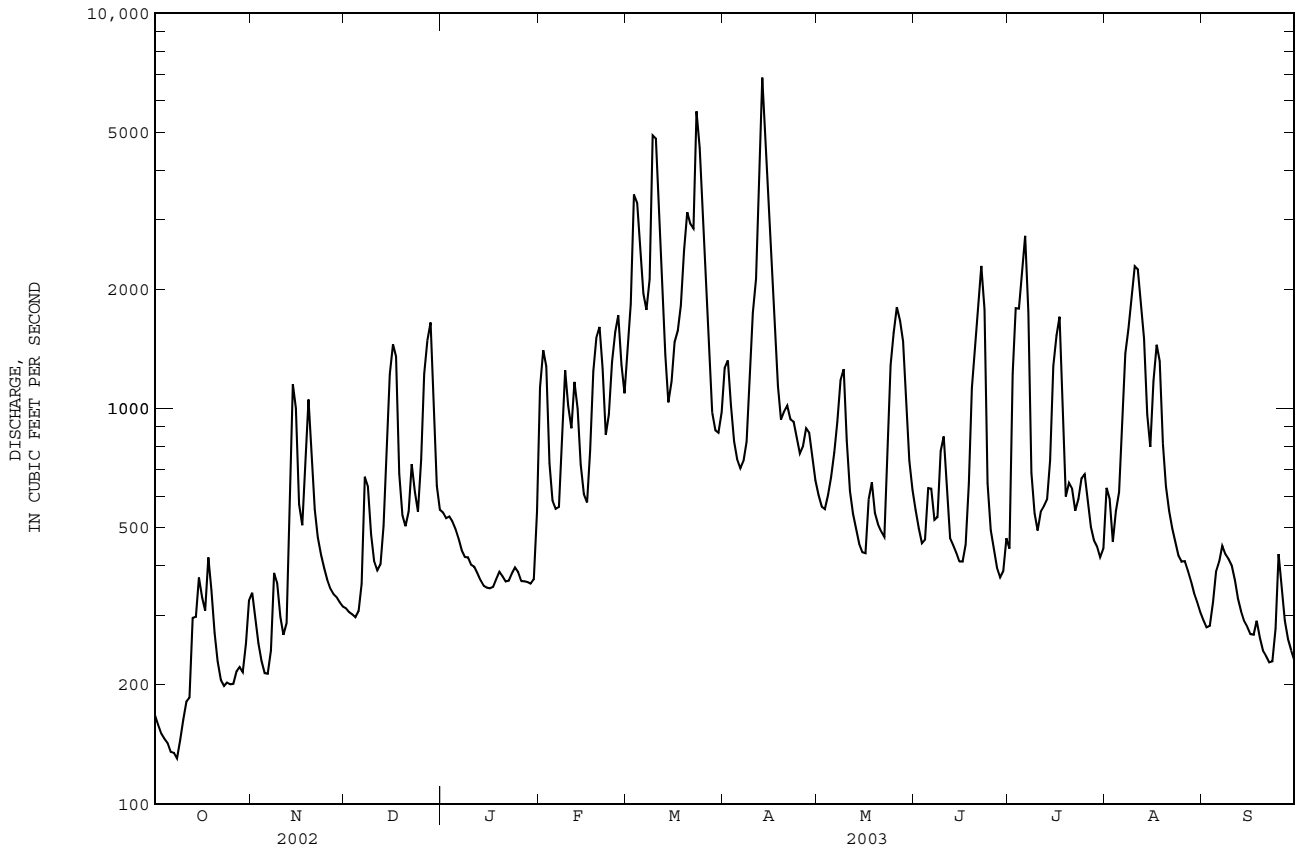
WATER YEARS 1943 - 2003

ANNUAL TOTAL	319254		
ANNUAL MEAN	875		785
HIGHEST ANNUAL MEAN			1215
LOWEST ANNUAL MEAN			403
HIGHEST DAILY MEAN	6870	Apr 13	27300
LOWEST DAILY MEAN	130	Oct 8	33
ANNUAL SEVEN-DAY MINIMUM	140	Oct 3	40
MAXIMUM PEAK FLOW	7610	Apr 13	a 29400
MAXIMUM PEAK STAGE	15.41	Apr 13	b 22.35
ANNUAL RUNOFF (CFSM)	1.30		1.16
ANNUAL RUNOFF (INCHES)	17.59		15.79
10 PERCENT EXCEEDS	1780		1520
50 PERCENT EXCEEDS	557		527
90 PERCENT EXCEEDS	268		232

a From rating curve extended above 12,000 ft³/s by velocity-area studies.

b From floodmarks.

e Estimated

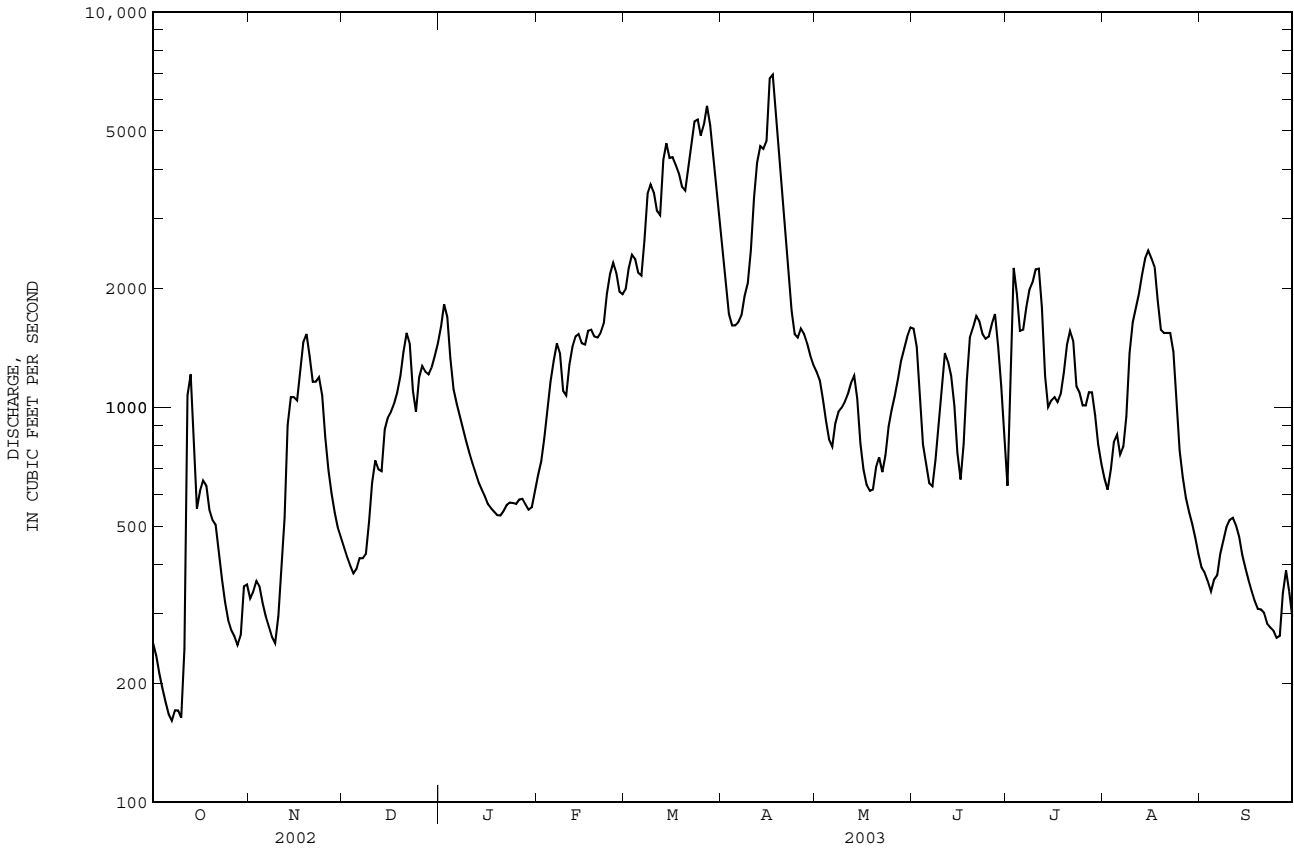


PEE DEE RIVER BASIN

02132000 LYNCHES RIVER AT EFFINGHAM, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1930 - 2003	
ANNUAL TOTAL	144458		487410		1036	
ANNUAL MEAN	396		1335		1856	
HIGHEST ANNUAL MEAN					269	
LOWEST ANNUAL MEAN					24500	
HIGHEST DAILY MEAN	1540	Dec 21	6930	Apr 17	69	Sep 22 1945
LOWEST DAILY MEAN	69	Aug 13	161	Oct 7	70	Aug 13 2002
ANNUAL SEVEN-DAY MINIMUM	70	Aug 10	172	Oct 4	68	Aug 10 2002
MAXIMUM PEAK FLOW			7320		25000	
MAXIMUM PEAK STAGE			15.93		21.21	
INSTANTANEOUS LOW FLOW			157		68	
ANNUAL RUNOFF (CFSM)	0.38		1.30		1.01	
ANNUAL RUNOFF (INCHES)	5.22		17.60		13.67	
10 PERCENT EXCEEDS	935		2550		2250	
50 PERCENT EXCEEDS	313		1050		678	
90 PERCENT EXCEEDS	87		341		250	

e Estimated



02135000 LITTLE PEE DEE RIVER AT GALIVANTS FERRY, SC

LOCATION.--Lat 34°03'25'', long 79°14'50'', Horry-Marion County Line, Hydrologic Unit 03040204, near left bank, on downstream side of bridge on U.S. Highway 501, at Galivants Ferry, 1.0 mi downstream from Lake Swamp, and at mile 41.7.

DRAINAGE AREA.--2,790 mi², approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--January 1942 to current year. Monthly discharge only for some periods, published in WSP 1303.

GAGE.--Data collection platform. Datum of gage is 23.95 ft above NGVD of 1929. Prior to July 26, 1967, nonrecording gage and crest-stage gage at same site and datum.

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

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage known, 16.0 ft, in September 1928, from floodmark set by local resident.

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	319	1220	2280	2760	1830	4240	6440	3880	3510	2320	6060	2850
2	311	1210	2210	2810	1830	4330	6080	3620	3710	2500	5780	2670
3	302	1190	2140	2870	1840	4380	5720	3400	3720	2930	5980	2500
4	290	1160	2070	2940	1840	4360	5400	3350	3710	3180	6230	2340
5	279	1130	2050	2940	1830	4360	5120	3360	3640	3920	5740	2290
6	271	1130	2000	2920	1840	4410	4890	3460	3660	4830	5060	2190
7	267	1120	1950	2880	1910	4570	4810	3540	3780	5520	4590	2110
8	306	1080	1890	2850	1940	4670	4860	3510	4010	6020	4230	2050
9	390	1070	1830	2830	1990	4860	5150	3460	4120	6150	4180	1980
10	472	1060	1790	2800	2100	5270	5480	3490	4150	5970	4340	1940
11	585	1060	1750	2760	2200	6340	5850	3600	4140	5700	5650	1910
12	670	1080	1710	2710	2330	7620	6490	3820	4150	5370	7540	1860
13	759	1190	1730	2650	2460	8290	7110	3990	4110	5050	7830	1810
14	829	1300	1780	2580	2600	8230	7500	3990	3880	4830	7150	1780
15	875	1450	1830	2500	2700	7880	7990	3880	3690	4830	6560	1750
16	959	1620	1910	2420	2820	7760	8390	3670	3560	5070	6230	1720
17	1070	1810	1980	2360	2970	7270	8260	3480	3470	5570	6020	1680
18	1200	1970	2020	2290	3050	6960	7780	3210	3480	6270	6180	1670
19	1280	2140	2070	2220	3150	6650	7210	2950	3730	7400	6020	1700
20	1300	2340	2160	2160	3230	6710	6800	2730	3850	8980	5610	1740
21	1260	2460	2240	2100	3270	7070	6470	2560	3960	10300	5380	1810
22	1250	2550	2310	2090	3340	7770	6260	2420	4190	10600	5340	1880
23	1200	2590	2360	2060	3490	8670	5970	2560	4420	10100	5150	1990
24	1150	2630	2430	2020	3590	9340	5700	2580	4440	9370	4850	2070
25	1120	2640	2530	1970	3800	10000	5460	2640	4220	9040	4490	2180
26	1100	2610	2550	1940	3950	10200	5210	2760	3900	9070	4130	2310
27	1090	2550	2590	1890	4120	9730	4910	2830	3530	8330	3840	2410
28	1090	2480	2610	1850	4180	8850	4690	2830	3200	7250	3580	2470
29	1120	2400	2630	1810	---	8020	4460	2820	2870	6490	3370	2490
30	1190	2340	2630	1810	---	7360	4180	2920	2560	6130	3190	2490
31	1220	---	2630	1820	---	6850	---	3190	---	6340	3030	---
TOTAL	25524	52580	66660	74610	76200	213020	180640	100500	113360	195430	163330	62640
MEAN	823	1753	2150	2407	2721	6872	6021	3242	3779	6304	5269	2088
MAX	1300	2640	2630	2940	4180	10200	8390	3990	4440	10600	7830	2850
MIN	267	1060	1710	1810	1830	4240	4180	2420	2560	2320	3030	1670
CFSM	0.30	0.63	0.77	0.86	0.98	2.46	2.16	1.16	1.35	2.26	1.89	0.75
IN.	0.34	0.70	0.89	0.99	1.02	2.84	2.41	1.34	1.51	2.61	2.18	0.84

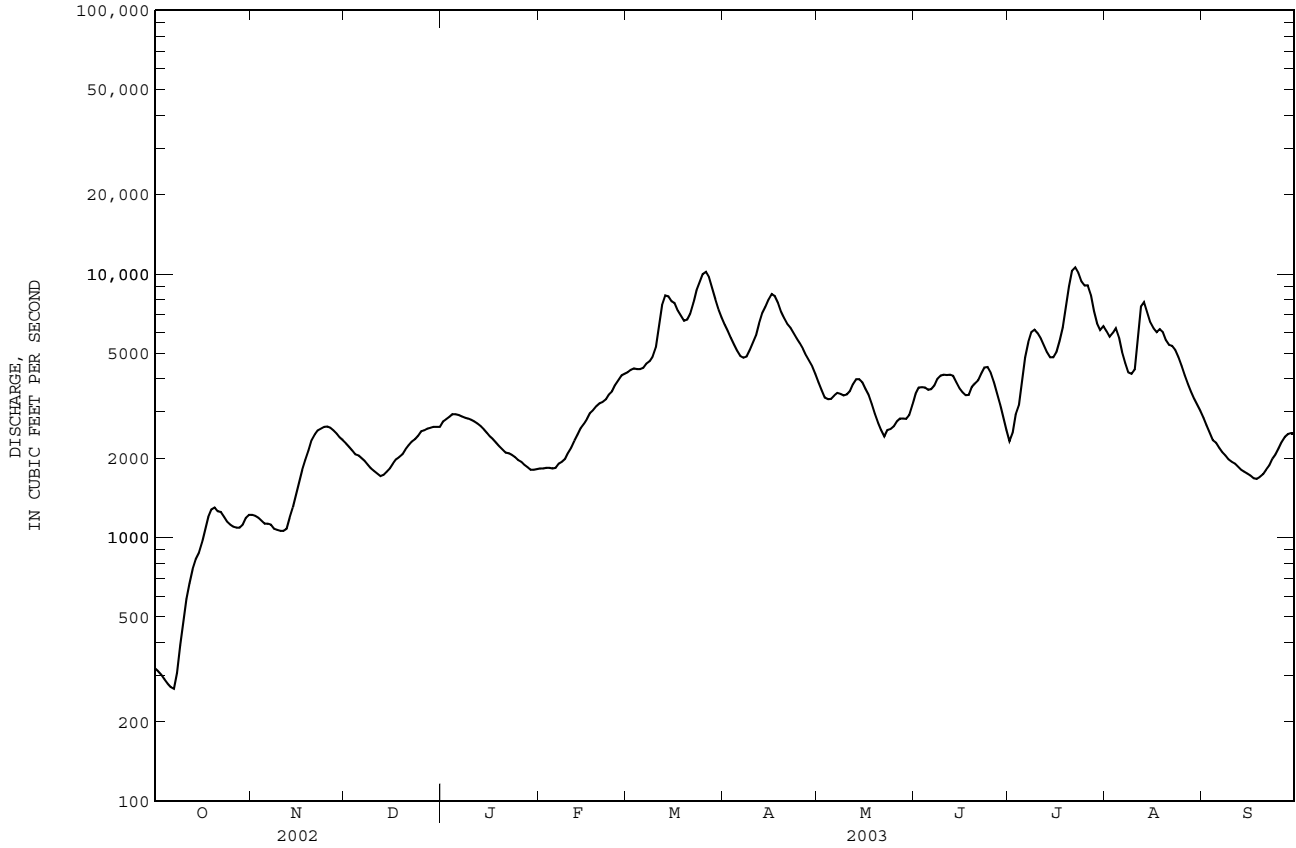
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1942 - 2003, BY WATER YEAR (WY)

	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953
MEAN	2070	1809	2777	4245	5293	5737	4410	2244	1761	1887	2313	2430
MAX	14020	9623	10680	11760	15610	14710	12450	7308	7167	6650	11460	12410
(WY)	1965	1948	1949	1993	1973	1983	1973	1978	1966	1961	1974	1945
MIN	344	300	484	954	1361	1396	962	392	180	104	104	212
(WY)	1952	2002	2002	2002	1989	2002	1981	2002	2002	2002	2002	1954

PEE DEE RIVER BASIN

02135000 LITTLE PEE DEE RIVER AT GALIVANTS FERRY, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1942 - 2003	
ANNUAL TOTAL	344534		1324494			
ANNUAL MEAN	944		3629		3080	
HIGHEST ANNUAL MEAN					5947	1965
LOWEST ANNUAL MEAN					647	2002
HIGHEST DAILY MEAN	2640	Nov 25	10600	Jul 22	27500	Oct 9 1964
LOWEST DAILY MEAN	73	Aug 17	267	Oct 7	73	Aug 17 2002
ANNUAL SEVEN-DAY MINIMUM	77	Aug 14	289	Oct 2	77	Aug 14 2002
MAXIMUM PEAK FLOW			10800	Jul 22	27600	Oct 9 1964
MAXIMUM PEAK STAGE			10.21	Jul 22	13.01	Oct 9 1964
INSTANTANEOUS LOW FLOW			265	Oct 7	72	Aug 17 2002
ANNUAL RUNOFF (CFSM)	0.34		1.30		1.10	
ANNUAL RUNOFF (INCHES)	4.59		17.66		15.00	
10 PERCENT EXCEEDS	2020		7000		6920	
50 PERCENT EXCEEDS	849		2930		2090	
90 PERCENT EXCEEDS	104		1200		588	



02135000 LITTLE PEE DEE RIVER AT GALIVANTS FERRY, SC--Continued

PRECIPITATION RECORDS

PERIOD OF RECORD.--May 2001 to September 2003.

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 2002 TO SEPTEMBER 2003
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.77	0.00	0.18	0.00	0.00	0.00	0.06	0.06	0.00
2	0.63	0.00	0.00	0.00	0.00	0.09	0.00	0.02	0.00	3.35	0.00	0.00
3	1.32	0.00	0.00	0.02	0.00	0.00	0.00	0.15	0.24	0.00	0.62	0.01
4	0.74	0.08	0.32	0.00	0.02	0.00	0.00	0.04	0.03	0.00	0.00	0.90
5	0.00	0.03	0.21	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.21	0.01
6	0.48	0.64	0.00	0.00	0.36	0.46	0.10	0.35	0.00	0.00	0.09	0.09
7	0.00	0.00	0.00	0.00	0.23	0.48	1.69	0.00	0.13	0.01	0.21	0.09
8	0.88	0.00	0.00	0.00	0.00	0.00	0.41	0.00	0.05	0.01	0.61	0.02
9	0.08	0.00	0.00	0.00	0.00	0.00	0.74	0.00	0.07	0.00	0.00	0.00
10	0.67	0.01	0.31	0.00	0.53	0.00	0.56	0.00	0.00	0.18	0.29	0.05
11	1.07	0.26	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.44	0.00	0.00
12	1.08	0.39	0.00	0.00	0.02	0.00	0.00	0.00	0.57	0.11	0.00	0.00
13	0.06	0.41	0.57	0.00	0.01	0.07	0.00	0.00	0.00	0.24	0.02	0.00
14	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.19	0.03	0.00
15	0.00	0.00	0.00	0.00	0.00	1.50	0.00	0.22	0.00	0.01	0.00	0.00
16	0.00	0.72	0.00	0.14	0.52	0.01	0.00	0.62	0.49	0.00	0.00	0.00
17	0.53	0.36	0.00	0.03	0.08	0.23	0.00	0.00	0.17	3.76	0.38	0.00
18	0.50	0.01	0.00	0.00	0.00	0.02	0.00	0.08	0.43	0.00	1.09	0.30
19	0.57	0.00	0.07	0.00	0.00	0.00	0.00	0.00	1.37	1.62	0.00	0.00
20	0.07	0.00	0.26	0.00	0.00	1.45	0.00	0.00	0.05	0.08	0.00	0.00
21	0.26	0.00	0.00	0.25	0.00	0.10	0.11	0.00	0.00	0.00	0.00	0.00
22	0.63	0.00	0.00	0.06	0.30	0.00	0.05	0.26	0.00	0.04	0.00	0.01
23	0.14	0.00	0.00	0.00	0.01	0.00	0.00	1.67	0.00	0.23	0.00	0.72
24	0.80	0.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.00	0.00
25	0.00	0.00	0.02	0.00	0.00	0.00	0.81	0.04	0.00	1.95	0.00	0.00
26	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.03	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.58	0.00	0.00	0.08	0.00	0.00	0.00	0.11
28	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.01	0.10	0.00	0.00	0.00
29	0.62	0.00	0.00	0.01	---	0.02	0.00	0.03	0.00	0.00	0.00	0.00
30	0.26	0.00	0.00	0.32	---	0.28	0.00	0.00	0.00	1.60	0.00	0.00
31	0.00	---	0.15	0.00	---	0.00	---	0.00	---	0.96	0.00	---
TOTAL	11.39	2.91	2.71	1.60	2.73	4.99	4.48	3.60	3.70	15.05	3.61	2.31

PEE DEE RIVER BASIN

02135200 PEE DEE RIVER AT HIGHWAY 701 NEAR BUCKSPORT, SC

LOCATION.--Lat 33°39'39'', long 79°09'17'', Horry County, Hydrologic Unit 03040201, on north bank of the Pee Dee River at Highway 701, 12.5 mi southwest of Myrtle Beach, 13.0 mi south of Conway, and 3.0 mi south of the mouth of Little Pee Dee River.

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

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

GAGE.--Data collection platform and Acoustic Velocity Meter. Datum of gage is 7.92 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.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 86,800 ft³/s, Apr. 21, 2003, maximum gage height, 19.54 ft, Apr. 21, 2003; minimum discharge, -8,750 ft³/s, July 10, 2002, minimum gage height, 5.67 ft, Dec. 22, 2001.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 86,800 ft³/s, Apr. 21, maximum gage height, 19.54 ft, Apr. 21; minimum discharge, -6,270 ft³/s, Oct. 3, minimum gage height, 7.44 ft, Oct. 3.

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	8410	-4650	---	---	23200	14800	---	---	14200	2850	26100	22400
2	8790	-5220	---	---	20800	11100	---	---	---	---	27600	24400
3	---	---	---	---	---	---	---	---	---	---	28800	25700
4	8630	-5810	---	---	---	---	---	---	18100	8730	29800	26400
5	8360	-6190	---	---	---	---	---	---	17000	7630	31200	27800
6	8740	-5780	---	---	---	---	---	---	15500	5720	32300	29000
7	9030	-5960	---	---	17200	6870	---	---	15500	5900	33900	29100
8	9230	-5610	12700	2560	17800	8470	---	---	15400	4420	35500	31800
9	8620	-4780	14000	4150	18700	10600	---	---	16700	5690	37000	32900
10	8360	-5090	---	---	18700	11800	---	---	19800	8300	38100	34800
11	9410	-3590	14100	6260	19500	12600	25500	21400	20300	12600	38400	34900
12	8960	-4640	13600	3250	---	---	24100	19700	20800	13700	39900	36700
13	9660	-4090	---	---	---	---	22300	17100	20700	12900	41300	37300
14	10700	1270	---	---	---	---	20700	12800	21200	14300	42000	38200
15	10900	4920	---	---	---	---	18200	11300	21500	14100	44700	39600
16	12000	7690	17500	10900	---	---	17500	9170	21300	13200	45900	41500
17	13900	8690	18400	12500	---	---	18400	10500	21500	13700	45900	41600
18	14600	8560	20700	13800	---	---	18300	8370	21700	14300	45600	41200
19	14800	7160	20700	13500	---	---	18700	10200	21700	14900	43600	39100
20	---	---	21400	15400	---	---	18300	10400	22000	15500	42200	38100
21	---	---	21300	16200	---	---	16000	6910	21900	16800	41400	37500
22	---	---	22600	17600	---	---	15000	4500	21700	17700	41400	36400
23	---	---	23600	18700	---	---	15300	5720	23600	19400	39200	35400
24	---	---	23800	19800	---	---	15200	6270	23900	18700	38900	34900
25	---	---	24600	21200	---	---	15800	5600	23500	19900	41100	36400
26	---	---	---	---	---	---	16400	6350	23100	19300	42900	37700
27	---	---	---	---	---	---	---	---	23500	20000	49300	40500
28	---	---	25700	22500	---	---	---	---	24500	21700	56500	45400
29	---	---	25400	21800	---	---	15500	7000	---	---	64000	53700
30	---	---	24800	19800	---	---	16400	7390	---	---	69100	59200
31	---	---	---	---	---	---	---	---	---	---	74900	64400
MONTH	---	---	---	---	---	---	---	---	---	---	74900	22400

PEE DEE RIVER BASIN

02135200 PEE DEE RIVER AT HIGHWAY 701 NEAR BUCKSPORT, 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
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	77100	67400	33900	29100	27500	22400	32400	28800	28300	25800	23700	19500
2	74600	64300	30900	26800	28800	24900	30800	28000	28300	25100	22200	17100
3	69200	57800	29100	25600	30100	25900	29500	25900	27300	24200	21300	14300
4	62200	51100	27400	24900	33100	27000	28200	25400	27000	23700	19800	11700
5	54200	42700	26700	23900	34300	29500	26500	23900	26300	23600	19000	10300
6	44900	36800	26000	23200	34200	30100	26100	23500	26800	23600	17900	10000
7	39100	33300	25600	23100	32500	29600	27800	24100	26900	23400	18000	10900
8	36600	30800	24500	21600	31900	28300	29800	25900	26900	23300	18000	11400
9	32900	29300	23900	20600	31600	27800	31000	27400	27000	23800	19300	12600
10	31700	28800	23500	20200	29800	27400	32300	28800	26600	23900	19600	13400
11	31400	27700	23200	20100	---	---	32600	29100	27900	24000	18900	14700
12	30800	27900	23700	20400	---	---	33600	29400	28300	24400	19200	15000
13	32800	28100	24200	21100	29400	26100	32500	29800	28800	25100	20000	15500
14	33700	29400	25700	22100	30500	26300	32400	28600	31000	26100	19900	15700
15	37900	31200	26200	23000	32200	27800	31600	28200	32100	28200	20100	15600
16	44300	35600	27400	23900	34900	28600	30300	27500	33600	29100	20000	14700
17	56900	43100	27300	24200	36200	31100	29600	27000	35000	30700	18100	11000
18	67800	53900	26600	23300	38600	33800	29300	25900	35100	31100	16400	9650
19	77700	64400	26300	22800	---	---	29100	26000	36100	32400	15700	6850
20	83800	71700	25600	21400	39400	35300	29200	26000	36300	32300	15400	6620
21	86800	77900	22900	18300	38400	34300	29500	26500	36000	32000	16100	6090
22	85300	76200	19000	13800	36900	33100	29600	26000	35900	31900	15500	6180
23	80900	70600	17800	11900	35300	31400	30000	27100	35100	31100	15900	5540
24	75800	62200	17700	11900	34900	31900	31400	27900	33800	30100	14500	2810
25	67800	57700	17600	11800	35200	31800	31200	28300	32100	29400	14700	4020
26	61900	52000	18300	12900	35400	32500	31600	27800	31300	28400	15700	5310
27	54200	46400	18900	14400	35500	32700	31300	28100	30400	27500	16400	8070
28	48800	40500	---	---	35400	32600	31900	28300	29700	26300	17300	10800
29	43600	35700	---	---	35100	31700	30700	27400	28800	24900	18200	13100
30	38600	32600	---	---	33400	31000	30000	27100	26900	23500	18500	14300
31	---	---	23700	19100	---	---	29200	26300	25400	21000	---	---
MONTH	86800	27700	---	---	---	---	33600	23500	36300	21000	23700	2810

02135200 PEE DEE RIVER AT HIGHWAY 701 NEAR BUCKSPORT, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	6.3	5.7	6.0	9.2	8.8	8.9	15.9	15.4	15.6	---	---	---
2	6.8	6.0	6.5	9.8	9.0	9.4	15.9	15.4	15.7	---	---	---
3	7.6	6.7	7.1	10.1	9.4	9.7	16.5	15.8	16.1	---	---	---
4	8.2	7.0	7.7	10.1	9.8	9.9	17.0	16.2	16.6	---	---	---
5	8.7	7.7	8.3	10.9	10.1	10.5	17.6	16.8	17.2	---	---	---
6	8.7	8.3	8.5	11.6	10.9	11.2	17.6	17.3	17.4	20.1	19.6	19.9
7	8.4	8.1	8.3	11.6	11.0	11.4	17.3	16.9	17.2	20.8	20.0	20.4
8	8.6	8.0	8.2	11.5	10.6	11.0	16.9	15.8	16.3	21.3	20.5	20.9
9	8.6	8.1	8.3	12.0	11.3	11.6	15.8	14.8	15.3	21.5	20.8	21.1
10	8.4	7.8	8.2	12.4	11.6	12.0	14.8	13.9	14.3	21.9	21.0	21.4
11	8.1	7.6	7.8	13.0	11.9	12.5	13.9	13.1	13.4	22.3	21.6	21.9
12	8.0	7.5	7.8	13.8	12.7	13.2	13.5	12.7	13.1	22.5	22.0	22.2
13	7.9	7.5	7.6	14.1	13.5	13.8	14.2	13.2	13.7	22.2	21.7	21.9
14	7.6	7.4	7.5	14.4	13.9	14.2	14.9	13.9	14.4	21.8	21.4	21.6
15	8.5	7.3	7.8	14.3	13.7	13.9	15.6	14.7	15.1	21.6	21.1	21.3
16	8.6	8.3	8.4	14.4	13.7	14.0	16.3	15.4	15.8	21.3	21.0	21.1
17	8.3	7.6	7.8	14.3	14.0	14.2	16.7	15.9	16.3	21.2	21.0	21.1
18	7.6	7.1	7.2	15.1	14.2	14.6	16.8	16.5	16.6	21.0	20.8	20.9
19	7.4	7.0	7.2	15.1	14.8	15.0	16.6	16.4	16.5	20.8	20.2	20.5
20	7.3	6.8	7.0	15.5	15.1	15.2	16.6	16.3	16.5	20.4	19.9	20.2
21	7.8	7.0	7.3	16.1	15.5	15.8	16.9	16.5	16.7	20.9	20.1	20.5
22	9.2	7.7	8.3	16.7	15.8	16.2	17.4	16.9	17.2	20.7	20.5	20.6
23	---	---	---	16.7	16.4	16.6	17.7	17.3	17.5	21.1	20.6	20.8
24	10.4	9.6	10.0	17.1	16.3	16.7	17.9	17.6	17.7	21.3	20.7	20.9
25	10.8	10.2	10.5	17.3	16.6	17.0	17.8	17.6	17.7	21.3	21.0	21.2
26	10.7	10.2	10.4	17.6	16.8	17.2	17.8	17.5	17.6	21.1	20.7	21.0
27	10.2	9.6	9.9	17.6	17.2	17.3	18.0	17.6	17.8	20.9	20.6	20.7
28	9.6	9.1	9.3	17.5	17.0	17.2	18.3	17.7	18.0	---	---	---
29	---	---	---	17.8	17.2	17.5	18.7	18.1	18.4	21.4	20.8	21.1
30	---	---	---	---	---	---	---	---	---	21.4	20.8	21.1
31	---	---	---	16.9	15.9	16.3	---	---	---	21.5	20.9	21.2
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

Temperature, water, degrees Celsius												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	21.7	21.2	21.4	25.8	25.5	25.7	27.1	26.8	27.0	28.8	28.3	28.5
2	21.6	21.0	21.3	25.5	25.3	25.4	27.4	26.8	27.1	28.6	28.2	28.4
3	21.6	21.1	21.4	25.8	25.1	25.4	27.3	27.0	27.1	28.3	27.9	28.0
4	21.8	21.5	21.7	26.2	25.5	25.8	27.3	26.9	27.1	28.3	27.6	27.9
5	22.5	21.7	22.1	26.4	25.9	26.1	27.6	27.0	27.2	28.3	27.8	28.0
6	22.8	22.2	22.5	26.4	26.0	26.2	27.3	26.9	27.1	28.1	26.7	27.4
7	23.1	22.7	22.9	26.5	26.0	26.2	27.1	26.8	26.9	27.0	25.9	26.4
8	23.3	23.0	23.1	26.8	26.1	26.4	27.1	26.7	26.9	26.2	25.7	25.9
9	23.8	23.1	23.5	27.3	26.6	26.9	27.0	26.7	26.8	26.1	25.5	25.8
10	24.2	23.5	23.9	27.6	27.1	27.3	27.0	26.6	26.8	25.6	25.0	25.4
11	24.6	24.0	24.3	27.7	27.1	27.4	27.0	26.6	26.8	25.0	24.4	24.7
12	24.8	24.4	24.5	27.5	27.1	27.3	27.1	26.7	26.9	24.4	24.1	24.2
13	---	---	---	27.1	26.7	26.9	27.1	26.7	26.9	24.3	23.9	24.0
14	25.0	24.4	24.7	26.7	26.4	26.5	27.1	26.7	26.9	24.3	23.6	23.9
15	25.4	24.8	25.1	26.7	26.2	26.4	27.1	26.7	26.9	24.7	23.9	24.3
16	---	---	---	27.0	26.4	26.7	27.2	26.8	26.9	24.8	24.3	24.6
17	---	---	---	27.0	26.7	26.8	27.0	26.6	26.8	24.6	24.2	24.4
18	---	---	---	26.8	26.4	26.6	26.9	26.5	26.7	24.3	23.2	23.6
19	---	---	---	26.7	26.4	26.6	26.6	26.2	26.4	24.0	22.9	23.4
20	25.4	25.1	25.2	26.7	26.2	26.4	26.8	26.4	26.6	24.8	23.8	24.3
21	25.2	24.8	25.0	26.9	26.3	26.6	27.0	26.5	26.7	24.8	24.1	24.5
22	---	---	---	27.1	26.6	26.8	27.0	26.7	26.8	25.0	24.4	24.6
23	---	---	---	26.7	26.1	26.4	27.2	26.6	26.9	24.7	24.4	24.5
24	---	---	---	26.1	25.7	25.9	27.2	26.9	27.0	24.9	24.2	24.5
25	24.9	24.3	24.6	25.7	25.5	25.6	27.0	26.6	26.8	24.8	24.3	24.5
26	25.2	24.5	24.8	25.5	25.3	25.4	27.3	26.8	27.0	24.8	24.4	24.6
27	25.5	24.9	25.2	25.9	25.2	25.6	27.6	27.0	27.3	24.9	24.3	24.5
28	25.7	25.2	25.4	26.2	25.7	26.0	27.9	27.3	27.6	24.7	24.2	24.5
29	25.8	25.3	25.5	26.8	26.0	26.4	28.3	27.6	27.9	24.5	23.5	24.1
30	25.9	25.4	25.7	27.1	26.5	26.8	28.6	28.0	28.3	23.5	22.8	23.1
31	---	---	---	27.2	26.9	27.0	28.7	28.2	28.5	---	---	---
MONTH	---	---	---	27.7	25.1	26.4	28.7	26.2	27.1	28.8	22.8	25.2

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 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	5.5	5.3	5.4	3.3	2.8	3.0	3.1	3.0	3.1	3.7	3.3	3.5
2	5.4	5.4	5.4	3.0	2.7	2.8	3.0	2.9	3.0	3.8	3.4	3.6
3	5.4	5.3	5.3	2.8	2.5	2.7	3.1	3.0	3.0	---	---	---
4	5.3	5.1	5.2	3.3	2.8	3.0	3.3	3.1	3.2	---	---	---
5	5.1	5.0	5.1	3.3	2.9	3.2	3.6	3.2	3.3	---	---	---
6	5.1	5.0	5.0	3.5	3.1	3.3	3.7	3.3	3.5	---	---	---
7	5.0	4.9	5.0	3.4	3.1	3.3	3.4	3.2	3.3	---	---	---
8	4.9	4.7	4.8	3.4	3.1	3.2	3.4	3.2	3.3	---	---	---
9	4.7	4.7	4.7	3.3	2.9	3.1	3.3	3.2	3.3	---	---	---
10	4.7	4.6	4.7	3.2	2.9	3.1	3.4	3.1	3.3	---	---	---
11	4.7	4.6	4.7	3.0	2.9	3.0	3.5	3.1	3.2	---	---	---
12	4.6	4.5	4.5	3.2	2.9	3.0	3.2	3.2	3.2	---	---	---
13	---	---	---	3.2	3.0	3.1	3.3	3.2	3.2	---	---	---
14	4.2	4.1	4.1	3.4	3.1	3.3	3.3	3.2	3.2	---	---	---
15	4.1	4.0	4.0	3.3	3.1	3.2	3.2	3.1	3.2	---	---	---
16	---	---	---	3.5	3.2	3.4	3.4	3.2	3.2	---	---	---
17	---	---	---	3.5	2.6	3.1	3.4	3.2	3.3	---	---	---
18	---	---	---	3.0	2.4	2.7	3.4	3.2	3.2	---	---	---
19	---	---	---	3.1	2.5	2.9	3.3	3.1	3.2	---	---	---
20	---	---	---	3.0	2.5	2.7	3.2	3.1	3.2	---	---	---
21	---	---	---	2.7	2.5	2.6	3.2	3.2	3.2	---	---	---
22	---	---	---	3.0	2.6	2.8	3.3	3.2	3.3	---	---	---
23	---	---	---	3.3	2.6	2.9	3.3	3.2	3.3	---	---	---
24	---	---	---	3.5	2.8	3.2	3.4	3.3	3.3	---	---	---
25	4.2	4.1	4.2	3.5	2.9	3.1	3.4	3.2	3.3	4.8	3.4	4.1
26	4.2	3.4	3.9	---	---	---	3.4	3.3	3.4	5.5	3.8	4.8
27	3.5	3.3	3.4	---	---	---	3.3	3.1	3.2	5.7	4.6	5.2
28	3.4	3.2	3.3	---	---	---	3.1	3.0	3.1	5.5	4.9	5.2
29	3.4	3.0	3.2	---	---	---	3.2	3.0	3.1	5.5	5.0	5.2
30	3.3	3.0	3.1	---	---	---	3.5	3.1	3.2	5.4	5.0	5.2
31	---	---	---	---	---	---	3.4	3.2	3.3	---	---	---
MONTH	---	---	---	---	---	---	3.7	2.9	3.2	---	---	---

PEE DEE RIVER BASIN

02135300 SCAPE ORE SWAMP NEAR BISHOPVILLE, SC

LOCATION.--Lat 34°09'02'', long 80°18'18'', Lee County, Hydrologic Unit 03040205, 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.--96.0 mi².

PERIOD OF RECORD.--July 1968 to September 2003 (discontinued).

GAGE.--Data collection platform. Datum of gage is 164.53 ft above NGVD of 1929.

REMARKS.--Records fair except for estimated daily discharges, which are poor.

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	23	23	20	43	60	93	102	60	39	23	46	17
2	22	22	18	41	57	103	98	48	30	100	66	16
3	21	21	18	39	53	108	94	41	27	169	70	16
4	21	21	17	37	49	111	88	37	33	196	54	16
5	20	21	19	35	46	110	83	35	31	201	48	27
6	20	21	24	33	42	121	75	52	27	162	58	50
7	20	22	25	32	49	133	76	74	39	131	68	64
8	19	21	24	e31	54	153	92	73	86	109	76	94
9	25	23	23	31	52	192	109	72	68	68	79	117
10	27	22	22	30	57	193	152	72	45	46	83	115
11	31	21	25	29	67	168	196	63	34	76	66	84
12	33	33	30	29	67	143	245	51	28	70	62	53
13	30	55	40	28	61	129	248	37	24	56	63	43
14	29	61	67	28	54	121	205	29	20	52	57	36
15	28	52	74	28	48	122	172	29	20	63	54	31
16	35	49	74	27	50	174	147	31	20	73	62	27
17	39	64	63	28	83	204	130	31	33	57	83	24
18	36	81	50	29	93	245	117	31	58	64	140	21
19	32	78	42	29	94	235	106	32	71	60	134	20
20	29	61	42	29	97	222	93	32	79	46	111	18
21	28	47	43	30	98	224	82	30	89	37	66	17
22	26	39	39	32	99	219	90	32	84	35	47	17
23	25	35	35	34	103	220	88	103	68	63	39	19
24	24	31	43	34	94	193	79	132	45	84	35	18
25	24	28	74	32	87	164	85	134	30	74	35	17
26	25	27	84	32	83	142	102	141	23	70	32	16
27	25	26	81	32	90	127	99	141	18	66	29	16
28	23	23	72	31	93	115	93	126	17	61	26	16
29	23	22	62	30	---	107	87	99	17	67	23	15
30	25	21	51	36	---	105	77	69	17	59	20	15
31	25	---	45	56	---	105	---	52	---	53	18	---
TOTAL	813	1071	1346	1015	1980	4801	3510	1989	1220	2491	1850	1055
MEAN	26.2	35.7	43.4	32.7	70.7	155	117	64.2	40.7	80.4	59.7	35.2
MAX	39	81	84	56	103	245	248	141	89	201	140	117
MIN	19	21	17	27	42	93	75	29	17	23	18	15
CFSM	0.27	0.37	0.45	0.34	0.74	1.61	1.22	0.67	0.42	0.84	0.62	0.37
IN.	0.32	0.42	0.52	0.39	0.77	1.86	1.36	0.77	0.47	0.97	0.72	0.41

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1968 - 2003, BY WATER YEAR (WY)

MEAN	77.8	88.5	116	151	153	163	121	67.8	57.6	51.9	66.2	57.0
MAX	563	176	351	332	340	309	255	159	209	182	262	270
(WY)	1991	1986	1995	1998	1998	1971	1983	1975	1973	1975	1991	1979
MIN	15.0	28.0	37.6	32.7	35.2	39.8	32.6	10.5	6.20	5.81	11.7	12.6
(WY)	2001	1982	2001	2003	2002	2002	2002	2001	2000	1986	1999	1968

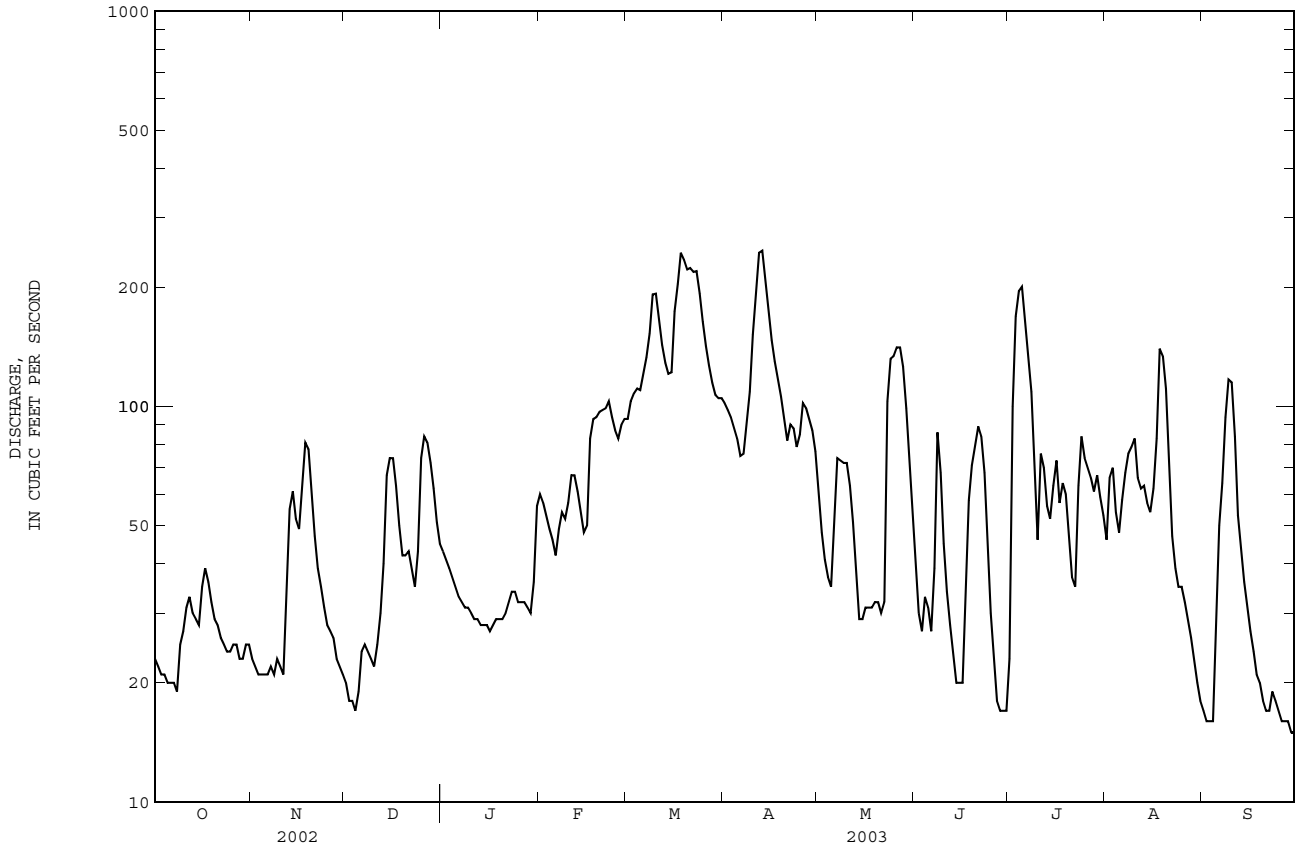
02135300 SCAPE ORE SWAMP NEAR BISHOPVILLE, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1968 - 2003	
ANNUAL TOTAL	11613.5		23141		97.5	
ANNUAL MEAN	31.8		63.4		170	
HIGHEST ANNUAL MEAN					33.4	
LOWEST ANNUAL MEAN					1991	
HIGHEST DAILY MEAN	93	Apr 3	248	Apr 13	4150	Oct 12 1990
LOWEST DAILY MEAN	6.4	Jul 30	15	a Sep 29	3.5	Jul 24 1986
ANNUAL SEVEN-DAY MINIMUM	7.9	Jun 14	16	Sep 24	3.9	Jul 21 1986
MAXIMUM PEAK FLOW			263	b Apr 12	4500	Oct 12 1990
MAXIMUM PEAK STAGE			6.26	b Apr 12	11.80	Oct 12 1990
ANNUAL RUNOFF (CFSM)	0.33		0.66		1.02	
ANNUAL RUNOFF (INCHES)	4.50		8.97		13.80	
10 PERCENT EXCEEDS	61		129		199	
50 PERCENT EXCEEDS	26		49		73	
90 PERCENT EXCEEDS	12		21		17	

a Also occurred Sep. 30.

b Also occurred Apr. 13.

e Estimated



PEE DEE RIVER BASIN

02135520 TURKEY CREEK AT SUMTER, SC

LOCATION.--Lat 33°52'27'', long 80°20'05'', Sumter County, Hydrologic Unit 03040205, on downstream left side of bridge on U.S. Highway 521, 0.5 mi upstream of confluence with Pocotaligo River and 1.0 mi southeast of Sumter.

DRAINAGE AREA.--10.1 mi².

PERIOD OF RECORD.--January 2001 to September 2003 (discontinued).

GAGE.--Data collection platform. Elevation of gage is 121 ft above NGVD of 1929 (from topographic map).

REMARKS.--Records poor.

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	e0.00	0.08	16	22	21	33	32	8.7	0.09	e0.02	e0.48	e0.00
2	e0.00	0.03	16	20	20	40	28	7.4	e0.00	28	e0.80	e0.00
3	e0.00	0.06	16	20	20	31	25	8.5	e7.6	16	e0.00	e0.00
4	e0.00	0.37	17	19	22	27	22	5.6	8.0	6.9	e0.65	e0.07
5	e0.00	1.8	24	19	20	25	21	5.0	0.08	1.7	e11	e8.5
6	e0.00	5.0	17	19	20	37	23	34	e0.00	e0.01	85	e2.0
7	e0.00	3.7	15	19	26	43	68	22	9.9	e0.00	25	e0.38
8	e0.00	3.0	15	19	18	35	53	11	23	e0.00	27	e11
9	e0.00	3.3	15	19	17	30	80	6.4	7.0	e0.00	19	e2.1
10	e0.00	3.3	18	19	43	27	217	3.8	2.9	e0.00	13	e0.00
11	e25	16	22	18	23	23	85	1.1	1.1	e0.70	21	e0.00
12	e1.2	80	17	18	19	21	60	0.10	e0.01	e3.9	17	e0.00
13	e0.00	26	39	19	17	25	45	e0.00	e0.00	e0.00	15	e0.00
14	e0.60	14	24	19	16	22	36	e0.00	e2.9	e3.4	7.5	e0.00
15	e1.3	12	19	19	17	46	31	e8.7	12	e2.0	3.5	e0.00
16	13	19	18	20	50	52	28	2.4	e12	e0.00	3.7	e0.00
17	e0.12	27	17	21	37	38	25	0.62	16	e6.8	7.4	e0.00
18	e0.00	19	16	20	28	37	23	0.01	10	e2.1	15	e0.00
19	e0.00	14	20	20	25	30	22	0.00	32	e0.00	2.6	e0.00
20	e0.00	14	25	20	23	169	20	e0.00	15	e0.00	0.05	e0.00
21	e0.00	14	19	20	24	83	19	e0.00	6.3	e0.00	e0.00	e0.00
22	e0.00	14	19	21	53	54	26	e20	3.5	e0.00	e0.00	e0.00
23	e0.00	14	19	21	38	42	17	79	0.29	e0.00	e0.00	e0.00
24	e0.00	14	58	21	28	36	14	32	e0.00	e0.00	e0.00	e0.00
25	e0.00	14	30	20	25	32	38	24	e0.00	e0.00	e0.00	e0.00
26	e0.00	15	23	21	23	29	28	24	e0.00	e0.00	e0.00	e0.00
27	e0.00	15	20	21	35	27	20	28	e0.00	e0.00	e0.00	e0.00
28	e0.00	15	19	20	29	25	15	13	e30	e0.00	e0.00	e0.00
29	e46	15	18	20	---	27	13	7.7	11	e6.1	e0.00	e0.00
30	7.0	16	18	30	---	40	10	4.2	0.24	15	e0.00	e0.00
31	1.5	---	18	23	---	41	---	1.8	---	2.1	e0.00	---
TOTAL	95.72	407.64	647	627	737	1227	1144	359.03	210.91	94.73	274.68	24.05
MEAN	3.09	13.6	20.9	20.2	26.3	39.6	38.1	11.6	7.03	3.06	8.86	0.80
MAX	46	80	58	30	53	169	217	79	32	28	85	11
MIN	0.00	0.03	15	18	16	21	10	0.00	0.00	0.00	0.00	0.00
CFSM	0.31	1.35	2.07	2.01	2.62	3.93	3.79	1.15	0.70	0.30	0.88	0.08
IN.	0.35	1.51	2.39	2.32	2.73	4.54	4.23	1.33	0.78	0.35	1.02	0.09

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2001 - 2003, BY WATER YEAR (WY)

	2001	2002	2003	2001	2002	2003	2001	2002	2003	2001	2002	2003
MEAN	2.66	7.60	12.1	12.7	12.4	18.8	14.1	8.15	8.61	2.30	6.51	3.98
MAX	3.09	13.6	20.9	20.2	26.3	39.6	38.1	11.6	18.2	3.06	8.86	9.49
(WY)	2003	2003	2003	2003	2003	2003	2003	2003	2001	2003	2003	2001
MIN	2.22	1.61	3.29	5.26	3.64	5.94	0.63	3.42	0.60	1.34	4.23	0.80
(WY)	2002	2002	2002	2002	2001	2001	2001	2002	2002	2002	2001	2003

02135520 TURKEY CREEK AT SUMTER, SC--Continued

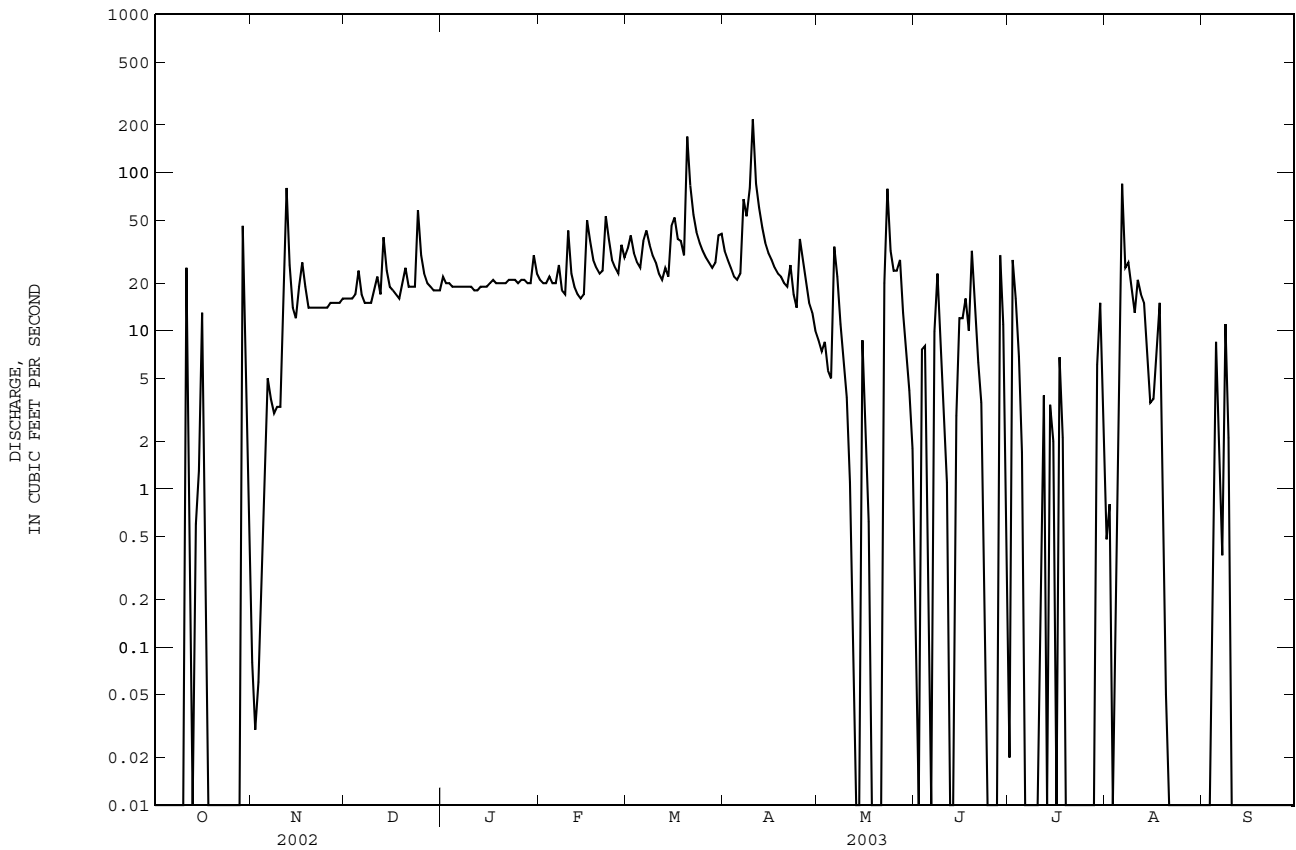
SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR	FOR 2003 WATER YEAR	WATER YEARS 2001 - 2003	
ANNUAL TOTAL	2373.45	5848.76		
ANNUAL MEAN	6.50	16.0	9.99	
HIGHEST ANNUAL MEAN			16.0	2003
LOWEST ANNUAL MEAN			3.95	2002
HIGHEST DAILY MEAN	95 Mar 31	217 Apr 10	266 Sep 24	2001
LOWEST DAILY MEAN	0.00 a Apr 9	0.00 b Oct 1	0.00 c Feb 19	2001
ANNUAL SEVEN-DAY MINIMUM	0.00 May 20	0.00 Oct 1	0.00 Apr 11	2001
MAXIMUM PEAK FLOW		603 Mar 20	860 Jun 13	2001
MAXIMUM PEAK STAGE		6.72 Mar 20	7.15 Jun 13	2001
ANNUAL RUNOFF (CFSM)	0.65	1.59	0.99	
ANNUAL RUNOFF (INCHES)	8.78	21.63	13.49	
10 PERCENT EXCEEDS	18	34	27	
50 PERCENT EXCEEDS	2.4	15	3.3	
90 PERCENT EXCEEDS	0.00	0.00	0.00	

a Also occurred Apr. 24, 27-30 and on many days during May to September.

b Also occurred many days during October and May to September.

c Also occurred several days in February, Mar. 1, 11, and on many days in April to September, 2001, Nov. 5-7, Apr. 9, 24, 27-30, and on many days in May to September, 2002, many days during October and May to September, 2003.

e Estimated



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 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	102	501	1000	1950	528	1990	2620	1630	1770	884	1860	606
2	113	509	916	1980	542	2320	2420	1530	1660	860	2040	548
3	117	567	832	2080	555	2690	2260	1430	1470	1530	2290	510
4	112	606	759	2090	574	2920	2140	1340	1330	4040	2580	516
5	99	586	726	2020	594	2990	2060	1250	1170	6230	2470	561
6	84	575	718	1920	606	3090	1970	1150	1040	5790	2200	590
7	71	551	707	1810	639	3190	2090	1110	943	4560	2190	631
8	71	536	689	1700	673	3320	2750	1200	892	3460	2320	719
9	69	532	662	1580	704	3340	3670	1250	876	2630	2310	841
10	67	511	645	1460	739	3300	4840	1180	897	2090	2260	929
11	214	495	655	1350	778	3230	6550	1110	951	1730	2210	959
12	540	563	687	1230	820	3080	8130	1040	1030	1490	2130	934
13	1050	776	767	1130	861	2870	8580	979	1140	1290	e2200	875
14	4830	972	882	1050	884	2670	8140	919	1160	1150	e2030	786
15	5640	1140	1040	972	908	2510	7440	883	1120	1070	e1980	687
16	4300	1380	1150	898	950	2440	6370	854	1130	1000	e2120	609
17	3180	1730	1190	832	1010	2450	5210	916	1200	942	e2520	548
18	2500	1960	1230	771	1060	2540	4360	981	1370	903	e2290	489
19	2140	2080	1290	718	1130	2750	3680	1000	2110	927	2420	435
20	1880	2110	1340	676	1200	3260	3130	975	3110	996	2800	385
21	1630	2140	1340	640	1310	4040	2710	911	4370	1030	e2870	343
22	1410	2180	1370	619	1490	5330	2530	842	4720	1080	e2390	307
23	1200	2120	1380	601	1610	6580	2300	855	4320	1130	2090	290
24	1030	1980	1390	582	1680	7150	2100	913	3730	1120	1780	276
25	891	1800	1480	563	1730	7200	1970	993	3050	1070	1560	266
26	762	1630	1660	548	1740	6590	1930	1030	2450	1020	1400	257
27	643	1460	1790	535	1800	5520	1920	1100	1990	963	1260	247
28	557	1320	1820	523	1880	4590	1880	1260	1620	936	1120	240
29	511	1180	1880	512	---	3880	1790	1430	1300	944	986	228
30	520	1090	1950	506	---	3340	1710	1530	1060	1130	844	212
31	514	---	1940	511	---	2940	---	1700	---	1550	708	---
TOTAL	36847	35580	35885	34357	28995	114110	109250	35291	54979	55545	62228	15824
MEAN	1189	1186	1158	1108	1036	3681	3642	1138	1833	1792	2007	527
MAX	5640	2180	1950	2090	1880	7200	8580	1700	4720	6230	2870	959
MIN	67	495	645	506	528	1990	1710	842	876	860	708	212
CFSM	0.95	0.95	0.92	0.89	0.83	2.94	2.91	0.91	1.46	1.43	1.60	0.42
IN.	1.09	1.06	1.07	1.02	0.86	3.39	3.25	1.05	1.63	1.65	1.85	0.47

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 2003, BY WATER YEAR (WY)

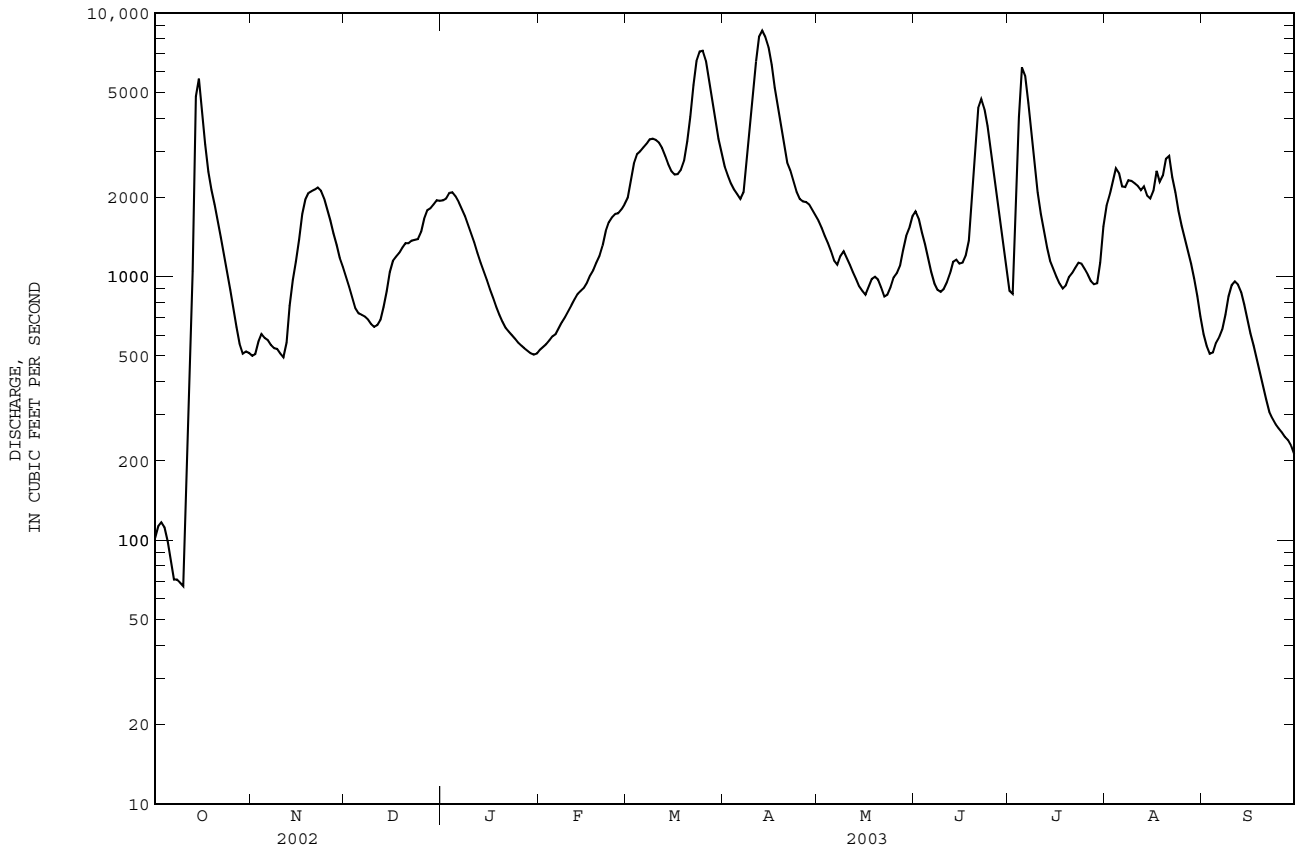
	MEAN	513	468	913	1450	1917	2108	1519	581	549	497	549	578
MAX	7708	3250	5471	6499	8404	6938	5905	2144	7852	3318	3148	7258	
(WY)	1965	1948	1995	1993	1973	1983	1936	1984	1973	1941	1991	1945	
MIN	8.65	5.00	39.3	124	218	287	220	38.6	11.3	6.33	5.19	4.83	
(WY)	1932	1932	1955	1934	2002	2002	1985	2001	1935	2002	1954	1954	

02136000 BLACK RIVER AT KINGSTREE, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1930 - 2003	
ANNUAL TOTAL	143857.1		618891		965	
ANNUAL MEAN	394		1696		2438	
HIGHEST ANNUAL MEAN					1973	
LOWEST ANNUAL MEAN					105	
HIGHEST DAILY MEAN	5640	Oct 15	8580	Apr 13	52800	Jun 14 1973
LOWEST DAILY MEAN	2.3	Aug 13	67	Oct 10	2.0	Sep 12 1954
ANNUAL SEVEN-DAY MINIMUM	2.7	Aug 8	82	Oct 4	2.6	Sep 8 1954
MAXIMUM PEAK FLOW			8670	Apr 13	58000	Jun 14 1973
MAXIMUM PEAK STAGE			13.17	Apr 13	19.77	Jun 14 1973
INSTANTANEOUS LOW FLOW			65	Oct 10	2.0 a	Sep 12 1954
ANNUAL RUNOFF (CFSM)	0.31		1.35		0.77	
ANNUAL RUNOFF (INCHES)	4.27		18.39		10.47	
10 PERCENT EXCEEDS	1210		3280		2360	
50 PERCENT EXCEEDS	169		1200		465	
90 PERCENT EXCEEDS	5.7		522		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.--October 1998 to current year.

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, 26.55 ft, Oct. 15; minimum gage height, 18.88 ft, Jan. 20.

Gage height, feet												
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	25.25	21.33	23.50	25.22	20.88	23.32	24.43	19.28	22.22	25.37	20.32	22.83
2	25.06	20.91	23.20	25.16	20.75	23.25	24.99	19.71	22.61	24.97	19.92	22.51
3	24.96	20.45	22.88	25.19	20.52	23.05	24.80	19.69	22.50	25.37	20.37	22.76
4	25.19	20.39	22.91	25.29	20.35	22.96	25.69	20.38	23.15	25.15	19.86	22.68
5	25.12	20.30	22.93	25.76	20.34	23.26	---	---	---	25.38	20.69	23.02
6	25.31	20.28	23.04	25.07	19.70	22.63	25.16	19.98	22.57	24.81	20.34	22.50
7	25.55	20.58	23.30	25.30	19.86	22.63	24.96	20.28	22.57	24.40	19.79	21.97
8	25.89	20.65	23.53	25.28	20.59	23.04	24.71	20.15	22.35	23.86	19.75	21.89
9	26.01	21.20	23.87	25.04	20.54	22.83	---	---	---	23.87	19.94	21.96
10	25.93	21.19	23.83	24.77	20.57	22.68	---	---	---	23.69	20.10	21.97
11	26.16	21.76	24.05	24.30	20.41	22.41	---	---	---	24.18	20.47	22.43
12	25.31	21.27	23.43	24.42	20.44	22.49	---	---	---	24.09	20.35	22.46
13	25.60	21.49	23.74	24.39	20.76	22.52	---	---	---	24.42	19.99	22.36
14	25.87	21.85	24.22	24.98	20.82	23.28	---	---	---	24.16	19.96	22.33
15	26.55	23.09	24.95	25.02	21.13	23.52	24.22	19.54	22.28	23.90	19.96	22.09
16	25.92	22.11	24.30	25.02	21.17	23.42	24.17	19.99	22.14	24.48	19.80	22.50
17	25.47	21.62	23.81	25.00	20.90	22.90	24.79	19.88	22.83	24.17	19.90	22.04
18	25.29	21.41	23.66	24.43	19.84	22.45	25.24	20.73	23.18	24.92	19.78	22.51
19	25.14	21.16	23.45	25.02	20.55	22.91	---	---	---	23.94	19.42	21.65
20	25.09	21.03	23.27	25.01	20.46	22.91	---	---	---	23.49	18.88	21.04
21	24.92	20.84	23.04	25.19	20.77	23.00	---	---	---	23.91	18.89	21.39
22	25.18	20.95	23.22	24.71	20.20	22.42	---	---	---	24.81	19.74	22.38
23	25.21	20.98	23.20	24.40	19.84	22.06	---	---	---	24.59	19.66	22.26
24	25.38	21.03	23.34	24.51	20.04	22.25	---	---	---	23.71	19.11	21.46
25	25.27	21.05	23.32	24.41	20.00	22.21	---	---	---	24.33	19.70	22.02
26	24.81	20.94	22.98	24.48	20.19	22.32	---	---	---	24.50	19.28	22.00
27	24.86	20.73	22.91	24.40	20.28	22.36	24.71	20.58	22.79	23.97	19.35	21.72
28	24.90	21.01	23.02	24.76	20.56	22.81	24.60	20.09	22.58	24.64	19.62	22.31
29	24.92	20.86	23.00	24.69	20.04	22.78	24.41	20.01	22.30	24.51	19.69	22.08
30	24.87	20.80	23.10	24.10	19.67	21.92	24.94	19.94	22.68	24.62	19.41	22.29
31	25.14	20.93	23.23	---	---	---	25.03	20.10	22.76	24.70	19.72	22.31
MONTH	26.55	20.28	23.43	25.76	19.67	22.75	---	---	---	25.38	18.88	22.18

PEE DEE RIVER BASIN

02136354 SAMPIT RIVER AT SAMPIT, SC--Continued

Gage height, feet
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	24.84	19.83	22.34	25.25	20.50	23.18	24.83	21.24	22.97	25.24	21.07	23.16
2	24.73	19.68	22.28	25.28	20.66	23.11	24.44	20.55	22.36	25.23	21.05	23.14
3	24.45	19.63	22.05	25.04	20.63	22.95	24.46	20.60	22.33	25.25	20.81	23.04
4	24.07	19.27	21.62	25.19	20.79	23.06	24.76	20.72	22.46	25.59	21.23	23.52
5	23.72	19.25	21.48	24.91	20.35	22.71	24.76	20.84	22.69	25.72	21.27	23.61
6	23.94	19.78	21.92	24.46	20.20	22.35	25.34	21.10	23.15	25.24	20.42	22.74
7	24.01	19.60	21.76	24.49	20.50	22.65	25.66	21.28	23.43	24.48	20.44	22.33
8	23.41	19.70	21.73	24.84	20.97	22.93	24.81	21.42	23.19	24.62	20.26	22.30
9	23.81	20.16	21.94	24.86	21.22	23.08	25.59	21.93	23.77	24.38	20.35	22.33
10	23.95	19.78	21.89	24.86	21.36	23.16	25.79	21.51	23.94	---	---	---
11	23.53	19.89	21.86	25.08	20.91	23.15	25.45	21.67	23.77	---	---	---
12	23.45	19.48	21.37	24.51	20.93	22.75	25.29	21.20	23.52	---	---	---
13	24.00	19.38	21.78	24.70	20.82	22.84	25.31	21.17	23.48	---	---	---
14	23.77	19.30	21.69	24.91	20.92	23.23	25.34	21.04	23.42	---	---	---
15	24.24	19.51	21.93	25.51	21.49	23.76	25.42	20.92	23.22	---	---	---
16	25.00	19.70	22.68	25.58	21.15	23.51	25.78	20.91	23.32	---	---	---
17	25.09	20.13	22.67	25.52	20.90	23.41	26.13	21.10	23.64	---	---	---
18	24.75	19.85	22.34	25.84	21.11	23.72	26.30	21.69	24.13	---	---	---
19	24.95	19.97	22.55	26.07	21.29	23.89	26.34	21.82	24.04	---	---	---
20	24.88	20.20	22.64	26.33	21.72	24.30	26.26	22.05	24.17	---	---	---
21	24.99	20.61	22.98	26.21	21.61	23.93	26.27	22.29	24.23	---	---	---
22	25.19	20.73	23.08	25.80	21.27	23.50	26.08	21.96	23.89	---	---	---
23	25.06	19.56	21.76	25.38	21.22	23.33	25.42	22.10	23.88	---	---	---
24	24.36	19.87	22.15	25.46	21.29	23.39	25.44	22.02	23.76	---	---	---
25	24.31	20.01	22.34	25.53	21.30	23.43	25.49	22.09	23.90	---	---	---
26	25.01	20.77	23.01	25.14	21.25	23.23	25.22	21.73	23.63	---	---	---
27	25.29	20.59	23.09	25.26	21.38	23.65	25.43	21.65	23.69	---	---	---
28	24.69	20.39	22.68	25.66	21.65	23.83	25.30	21.57	23.65	---	---	---
29	---	---	---	25.28	21.53	23.43	25.14	21.33	23.29	---	---	---
30	---	---	---	---	---	---	25.18	21.06	23.09	---	---	---
31	---	---	---	24.96	21.11	22.94	---	---	---	---	---	---
MONTH	25.29	19.25	22.20	---	---	---	26.34	20.55	23.47	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	---	---	---	25.15	20.39	22.63	24.84	20.20	22.51	24.82	20.03	22.51
2	---	---	---	25.15	20.45	22.81	24.82	20.25	22.59	24.91	20.01	22.53
3	25.12	20.89	23.01	24.73	20.10	22.21	24.69	20.14	22.55	24.94	20.06	22.58
4	24.93	20.67	22.63	24.42	19.92	22.20	24.57	19.96	22.37	25.02	20.24	22.76
5	24.64	20.41	22.35	24.53	20.03	22.24	24.60	19.75	22.30	25.27	20.34	22.90
6	24.65	20.69	22.83	24.29	19.78	22.14	24.82	19.76	22.42	25.76	20.77	23.71
7	25.01	20.56	22.78	24.26	19.64	22.08	24.89	19.75	22.50	25.76	21.25	23.75
8	24.55	20.37	22.60	24.47	19.55	22.10	25.09	20.02	22.62	25.81	21.02	23.72
9	24.82	20.16	22.70	24.86	19.71	22.43	25.03	19.89	22.54	25.73	21.08	23.72
10	25.19	20.42	23.08	24.94	19.72	22.53	25.05	19.79	22.35	25.67	21.08	23.65
11	25.38	20.36	23.03	25.01	19.74	22.42	25.01	19.84	22.39	25.79	21.24	23.86
12	25.44	20.09	22.90	25.09	19.65	22.33	25.02	20.10	22.56	25.76	21.14	23.82
13	25.33	20.02	22.72	25.21	19.97	22.49	25.05	20.30	22.64	25.25	20.98	23.22
14	25.35	19.93	22.62	25.02	19.92	22.45	25.02	20.41	22.75	25.17	20.91	23.26
15	25.25	20.04	22.58	25.10	20.27	22.64	24.84	20.37	22.59	25.05	21.00	23.22
16	25.30	20.25	22.63	25.11	20.35	22.60	24.59	20.30	22.51	25.08	20.96	23.29
17	25.45	20.70	23.08	24.85	20.25	22.39	24.44	20.22	22.39	25.31	21.55	23.62
18	25.43	20.88	23.22	24.65	20.24	22.51	24.49	19.97	22.41	24.54	20.96	22.74
19	25.43	20.93	23.21	24.45	20.15	22.43	24.64	20.53	22.70	24.43	20.56	22.57
20	24.95	21.11	23.25	24.37	20.28	22.54	24.65	20.73	22.83	24.77	20.73	22.86
21	25.25	21.34	23.60	24.50	20.33	22.60	24.59	20.70	22.72	25.14	21.18	23.25
22	25.10	21.24	23.48	24.09	20.13	22.21	24.46	20.52	22.48	25.39	21.33	23.55
23	24.95	21.05	23.25	24.04	19.74	21.90	24.43	20.13	22.26	25.33	20.70	23.25
24	24.85	20.87	22.99	24.13	19.90	21.94	25.04	20.40	22.67	25.76	20.92	23.55
25	24.84	20.67	22.89	24.40	20.04	22.25	25.20	20.61	22.97	25.80	21.00	23.74
26	24.90	20.60	22.80	24.73	20.37	22.52	25.10	20.41	22.84	25.73	20.95	23.70
27	24.91	20.37	22.65	24.85	20.56	22.61	25.06	20.19	22.70	25.93	21.01	23.80
28	25.05	20.53	22.73	24.63	20.04	22.33	24.98	20.16	22.59	25.92	21.02	23.71
29	25.01	20.37	22.71	24.90	20.04	22.32	25.06	20.24	22.67	25.84	20.87	23.52
30	24.98	20.30	22.60	24.86	20.06	22.44	25.04	20.36	22.76	25.77	20.94	23.55
31	---	---	---	24.84	20.14	22.43	24.83	20.18	22.60	---	---	---
MONTH	---	---	---	25.21	19.55	22.38	25.20	19.75	22.57	25.93	20.01	23.33

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 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.3	1.9	1.5	9.0	0.81	7.9	e9.2	e2.7	4.0	10	6.7	2.8
2	3.7	1.6	1.4	8.4	0.81	19	e6.7	e1.3	1.6	9.9	5.8	2.4
3	3.2	1.5	1.3	7.6	0.76	16	e4.5	e1.3	1.1	9.2	5.7	2.2
4	2.7	1.4	1.2	6.4	0.69	12	e2.8	e1.2	2.5	7.5	5.8	2.2
5	1.9	1.4	1.4	5.6	e0.60	9.2	e1.9	e1.2	2.9	7.2	5.3	2.1
6	1.7	3.1	1.5	4.8	e1.0	7.9	e0.94	e22	1.7	8.0	6.0	4.5
7	1.5	3.3	1.2	3.8	e1.2	12	e0.16	e28	3.6	7.0	5.9	7.1
8	1.5	2.9	1.2	3.5	1.1	13	e15	e24	9.0	6.3	5.5	7.9
9	1.3	2.5	1.1	3.1	1.0	10	e25	e27	24	5.2	5.4	7.7
10	1.3	2.4	3.6	2.8	1.4	9.6	e19	e22	15	4.5	5.0	6.6
11	11	2.6	6.6	2.6	1.5	17	e14	e18	9.7	4.1	4.3	5.6
12	19	9.8	5.9	2.3	1.4	26	e12	e12	6.5	3.4	3.6	4.4
13	14	19	14	2.1	1.1	24	e8.6	e8.0	4.9	3.0	3.1	3.8
14	13	15	18	1.8	1.0	19	e4.8	e5.0	3.7	2.7	2.6	3.2
15	23	11	13	e1.5	1.1	18	e1.2	e3.0	2.7	2.5	7.4	2.8
16	25	9.3	10	e1.3	1.1	20	e0.24	e2.0	3.9	2.2	12	2.3
17	18	15	8.3	1.3	1.3	18	e0.24	e2.0	11	2.1	10	1.8
18	13	16	6.6	1.2	1.3	18	e0.24	e3.0	14	2.9	11	1.5
19	11	11	6.6	1.3	1.3	8.3	e1.5	e12	23	9.3	18	1.3
20	8.7	8.3	9.1	1.2	1.1	92	e3.0	e7.0	54	15	15	1.2
21	7.7	6.8	7.9	1.3	1.1	91	e5.0	e5.0	47	11	14	1.0
22	7.1	5.8	6.4	1.4	1.3	51	e7.0	e2.5	26	9.0	14	0.74
23	6.1	4.4	5.3	1.3	1.8	37	e9.3	26	18	8.5	12	0.99
24	5.1	3.7	9.4	1.2	1.5	e30	e7.0	21	12	49	10	0.93
25	4.3	3.2	17	1.1	1.4	e20	e21	19	8.9	73	8.9	0.85
26	3.3	2.7	12	1.1	1.2	e15	e22	19	6.7	75	7.6	0.70
27	2.3	2.5	9.8	1.0	1.9	e10	e16	15	17	32	6.4	0.66
28	2.4	2.0	8.2	1.0	3.7	e6.4	e11	13	22	20	5.3	0.61
29	2.2	1.9	6.7	0.98	---	e4.4	e8.5	11	17	13	4.7	0.55
30	2.3	1.7	5.6	0.95	---	e3.7	e5.4	8.5	13	9.8	4.1	0.47
31	2.1	---	5.1	0.80	---	e3.0	---	6.0	---	8.0	3.3	---
TOTAL	223.7	173.7	206.9	83.73	35.47	648.4	243.22	348.7	386.4	430.3	234.4	80.90
MEAN	7.22	5.79	6.67	2.70	1.27	20.9	8.11	11.2	12.9	13.9	7.56	2.70
MAX	25	19	18	9.0	3.7	92	25	28	54	75	18	7.9
MIN	1.3	1.4	1.1	0.80	0.60	3.0	0.16	1.2	1.1	2.1	2.6	0.47
CFSM	1.55	1.24	1.43	0.58	0.27	4.48	1.74	2.41	2.76	2.97	1.62	0.58
IN.	1.78	1.38	1.65	0.67	0.28	5.16	1.94	2.78	3.08	3.43	1.87	0.64

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1994 - 2003, BY WATER YEAR (WY)

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003		
MEAN	6.62	3.02	4.40	6.19	6.86	7.49	3.35	2.48	4.14	4.90	22.2	17.6
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

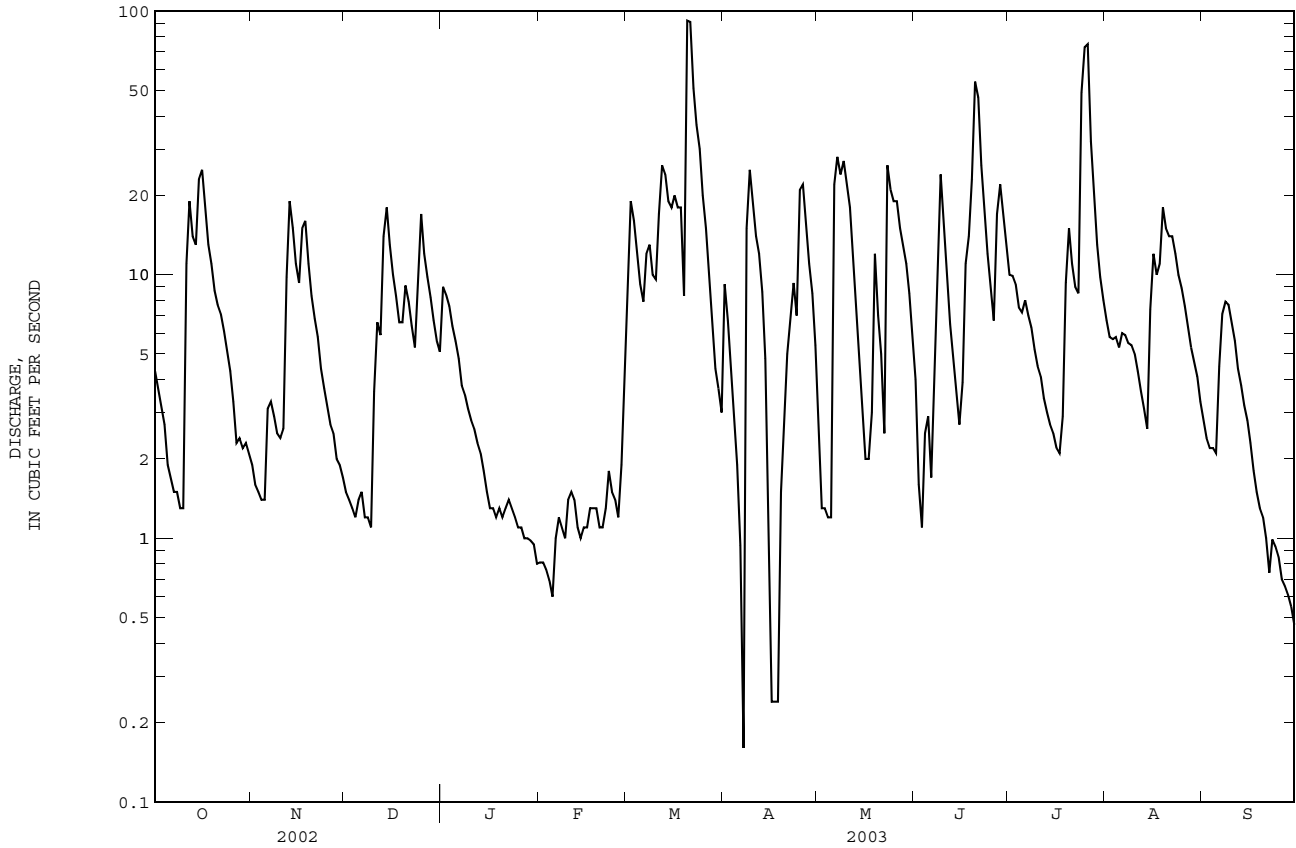
02136361 TURKEY CREEK NEAR MARYVILLE, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1994 - 2003	
ANNUAL TOTAL	1332.35		3095.82			
ANNUAL MEAN	3.65		8.48		7.45	
HIGHEST ANNUAL MEAN					27.8	1995
LOWEST ANNUAL MEAN					2.09	2002
HIGHEST DAILY MEAN	44	Sep 1	92	Mar 20	e 1350	Aug 27 1995
LOWEST DAILY MEAN	0.16	Jan 24	e 0.16	Apr 7	0.03	Aug 29 1997
ANNUAL SEVEN-DAY MINIMUM	0.18	Jan 28	0.68	Sep 24	0.06	May 23 1994
MAXIMUM PEAK FLOW			206	Mar 20	a 1500	Aug 27 1995
MAXIMUM PEAK STAGE			4.15	Mar 20	b 4.56	Aug 27 1995
ANNUAL RUNOFF (CFSM)	0.78		1.82		1.60	
ANNUAL RUNOFF (INCHES)	10.61		24.66		21.68	
10 PERCENT EXCEEDS	11		19		14	
50 PERCENT EXCEEDS	0.78		5.1		1.5	
90 PERCENT EXCEEDS	0.35		1.1		0.31	

a From rating curve extended above 59.5 ft³/s on basis of slope-area computation of peak discharge.

b From floodmarks.

e Estimated



PEE DEE RIVER BASIN

02136370 SAMPIT RIVER AT GEORGETOWN, SC--Continued

Gage height, feet
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	19.40	14.82	17.07	19.78	15.40	17.91	---	---	---	19.89	16.05	17.92
2	19.26	14.65	17.01	19.82	15.65	17.79	---	---	---	19.87	16.12	17.93
3	19.01	14.66	16.79	19.55	15.49	17.63	---	---	---	19.90	15.81	17.82
4	18.61	14.29	16.39	---	---	---	19.41	15.71	17.30	20.38	16.43	18.30
5	18.26	14.26	16.27	19.20	15.31	17.41	19.39	15.84	17.50	20.27	16.34	18.29
6	18.42	14.77	16.70	18.85	15.19	17.10	20.27	16.04	17.95	19.89	15.58	17.48
7	18.65	14.55	16.51	19.37	15.40	17.41	20.29	16.23	18.14	19.12	15.43	17.15
8	18.03	14.75	16.51	19.37	15.97	17.62	19.62	16.42	17.96	19.26	15.19	17.07
9	18.36	15.11	16.72	19.42	16.20	17.83	20.24	16.99	18.45	19.00	15.31	17.11
10	18.51	14.74	16.68	19.44	16.42	17.89	20.39	16.61	18.63	19.01	15.19	17.18
11	18.11	14.82	16.63	19.61	15.90	17.89	20.05	16.65	18.47	19.11	15.02	17.22
12	18.03	14.38	16.18	19.15	15.93	17.52	19.90	16.26	18.20	18.88	14.55	16.95
13	18.47	14.33	16.52	19.26	15.84	17.60	19.93	16.19	18.17	19.60	14.64	17.21
14	18.29	14.30	16.46	19.47	15.96	17.97	19.98	16.06	18.12	20.05	14.93	17.47
15	18.77	14.50	16.67	---	---	---	20.07	15.81	17.97	20.08	15.20	17.59
16	---	---	---	20.13	16.28	18.23	20.45	15.91	18.10	20.23	15.17	17.57
17	19.64	15.11	17.39	19.99	15.93	18.09	20.85	16.28	18.40	20.85	15.51	18.00
18	19.31	14.81	17.10	19.99	16.41	18.31	21.05	16.92	18.87	20.81	16.26	18.46
19	19.45	14.89	17.26	---	---	---	20.97	16.96	18.78	20.81	16.19	18.34
20	19.48	15.15	17.33	---	---	---	20.95	17.25	18.90	20.48	16.12	18.18
21	19.52	15.58	17.66	---	---	---	20.97	17.44	18.95	19.97	15.66	17.65
22	19.69	15.75	17.76	---	---	---	20.79	17.02	18.63	19.56	15.68	17.57
23	19.61	14.52	16.56	---	---	---	20.07	17.28	18.62	19.53	15.74	17.66
24	18.88	14.88	16.91	---	---	---	20.11	17.11	18.52	19.31	15.78	17.70
25	18.86	15.02	17.08	---	---	---	20.15	17.02	18.64	19.48	15.79	17.84
26	19.54	15.67	17.81	---	---	---	19.87	16.76	18.37	19.33	15.53	17.61
27	19.78	15.59	17.80	---	---	---	20.06	16.74	18.44	19.29	15.42	17.51
28	19.26	15.32	17.42	---	---	---	19.93	16.64	18.39	19.58	15.57	17.65
29	---	---	---	---	---	---	19.78	16.24	18.04	19.28	15.32	17.32
30	---	---	---	---	---	---	19.81	15.96	17.85	19.11	15.37	17.40
31	---	---	---	---	---	---	---	---	---	19.51	15.39	17.30
MONTH	---	---	---	---	---	---	---	---	---	20.85	14.55	17.63

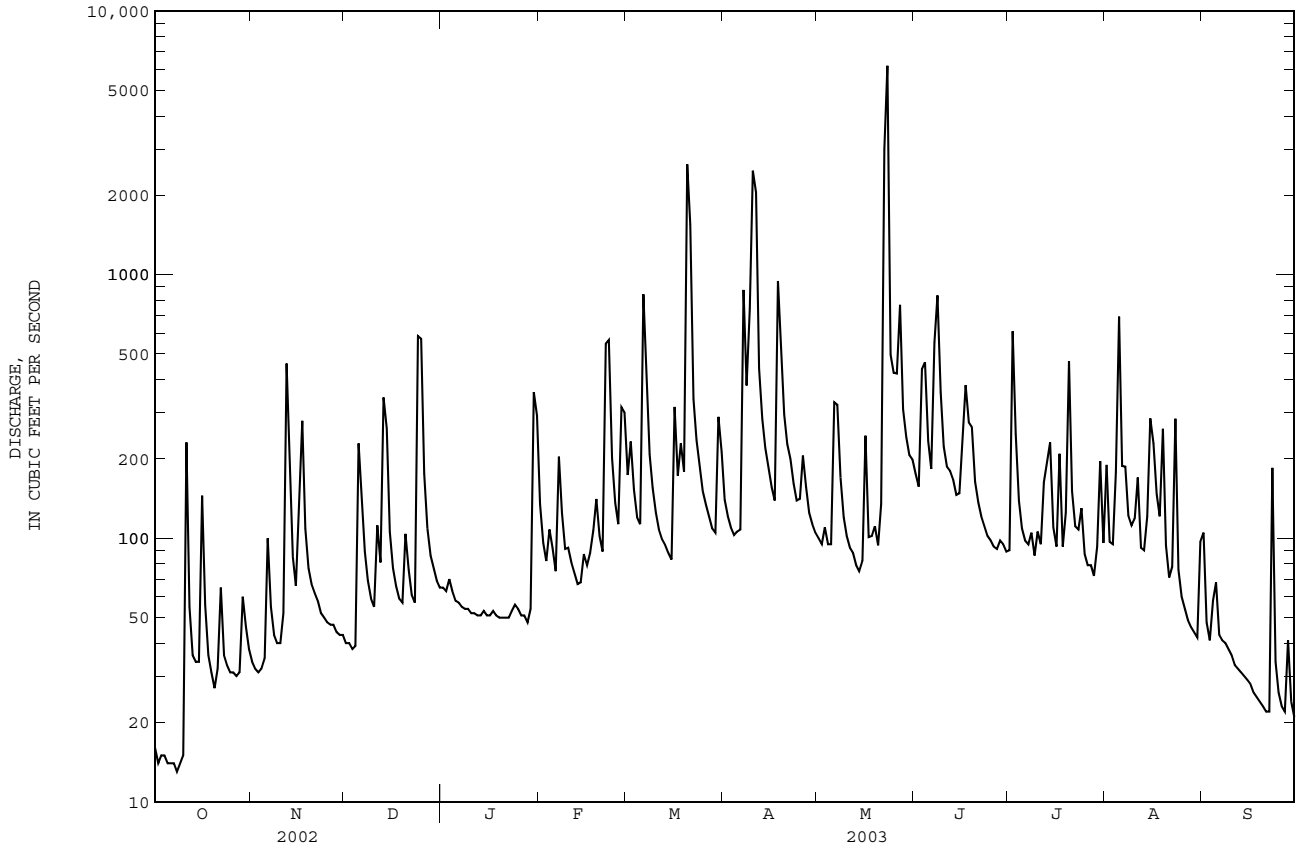
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	19.40	14.89	16.97	19.78	15.33	17.44	19.44	15.15	17.25	19.41	15.01	17.24
2	19.76	15.54	17.52	19.38	15.45	17.56	19.40	15.20	17.31	19.53	15.05	17.27
3	19.61	15.93	17.78	19.21	15.08	16.99	19.31	15.15	17.27	19.54	15.06	17.34
4	19.60	15.66	17.44	19.09	14.91	16.99	19.19	14.99	17.11	19.63	15.24	17.50
5	19.28	15.40	17.16	19.17	15.03	17.00	19.22	14.81	17.05	19.90	15.30	17.64
6	19.28	15.67	17.60	18.93	14.81	16.92	19.45	14.78	17.15	20.44	15.91	18.45
7	19.65	15.54	17.51	18.87	14.68	16.86	19.52	14.83	17.24	20.45	16.40	18.53
8	19.17	15.36	17.33	19.07	14.60	16.87	19.72	14.99	17.35	20.50	16.16	18.49
9	19.41	15.14	17.37	19.49	14.75	17.20	19.64	14.90	17.28	20.41	16.27	18.49
10	19.79	15.32	17.70	19.59	14.78	17.30	19.65	14.74	17.07	20.34	16.28	18.43
11	20.00	15.27	17.70	19.65	14.78	17.19	19.61	14.79	17.12	20.46	16.52	18.64
12	20.06	15.14	17.62	19.74	14.69	17.12	19.64	15.07	17.29	20.31	16.41	18.54
13	19.95	14.99	17.45	19.86	14.98	17.28	19.68	15.24	17.39	19.69	16.03	17.97
14	19.98	14.96	17.37	---	---	---	19.46	15.40	17.46	19.80	15.97	18.01
15	19.89	15.00	17.33	19.76	15.19	17.41	19.22	15.32	17.32	19.68	16.02	17.97
16	20.09	15.23	17.38	19.49	15.31	17.34	19.14	15.26	17.27	19.71	15.95	18.06
17	20.06	15.71	17.77	19.42	15.19	17.15	19.08	15.21	17.15	19.97	16.71	18.38
18	20.06	15.98	17.90	19.27	15.25	17.26	19.05	15.09	17.20	19.28	16.02	17.59
19	20.05	15.95	17.84	19.07	15.12	17.14	19.32	15.61	17.48	19.07	15.63	17.39
20	19.53	15.88	17.78	18.97	15.24	17.27	19.25	15.72	17.60	19.43	15.77	17.67
21	19.85	16.21	18.15	19.10	15.38	17.35	19.22	15.71	17.49	19.80	16.11	18.02
22	19.73	16.25	18.13	18.75	15.13	16.99	19.08	15.54	17.28	20.05	16.40	18.30
23	19.56	16.04	17.95	18.65	14.75	16.68	---	---	---	19.98	15.71	18.03
24	19.50	15.79	17.72	18.71	14.83	16.70	19.67	15.36	17.45	20.46	16.12	18.34
25	19.50	15.62	17.65	---	---	---	19.82	15.52	17.73	20.49	16.23	18.50
26	19.54	15.60	17.57	19.25	15.15	17.14	19.74	15.37	17.61	20.41	16.21	18.46
27	19.55	15.41	17.46	19.37	15.15	17.16	19.71	15.16	17.48	20.62	16.25	18.55
28	19.69	15.51	17.53	19.20	14.88	16.98	19.61	15.11	17.36	20.64	16.23	18.45
29	19.68	15.44	17.51	19.50	14.98	17.06	19.70	15.18	17.44	20.54	15.97	18.26
30	19.63	15.34	17.42	19.46	15.04	17.17	19.59	15.30	17.49	20.44	16.04	18.29
31	---	---	---	19.45	15.12	17.19	19.43	15.15	17.31	---	---	---
MONTH	20.09	14.89	17.59	---	---	---	---	---	---	20.64	15.01	18.09

02145642 CROWDERS CREEK NEAR CLOVER, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1991 - 2003	
ANNUAL TOTAL	16146.0		68302		83.1	
ANNUAL MEAN	44.2		187		187	
HIGHEST ANNUAL MEAN					28.3	
LOWEST ANNUAL MEAN					2002	
HIGHEST DAILY MEAN	585	Dec 24	e 6200	May 23	e 6200	May 23 2003
LOWEST DAILY MEAN	4.2	Jul 10	13	Oct 8	4.2	Jul 10 2002
ANNUAL SEVEN-DAY MINIMUM	4.7	Jul 7	14	Oct 2	4.7	Jul 7 2002
MAXIMUM PEAK FLOW			Unknown		Unknown	
MAXIMUM PEAK STAGE			19.05 a		19.05 a	
INSTANTANEOUS LOW FLOW			13		3.6	
ANNUAL RUNOFF (CFSM)	0.50		2.10		0.93	
ANNUAL RUNOFF (INCHES)	6.75		28.55		12.69	
10 PERCENT EXCEEDS	75		324		148	
50 PERCENT EXCEEDS	32		95		38	
90 PERCENT EXCEEDS	6.6		33		15	

a From floodmarks.

e Estimated



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.--Records poor. Flow regulated by Lake Wylie (usable capacity, 2,520,500,000 ft³).

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	756	640	1370	1780	606	8970	7990	8110	5500	5820	3840	1390
2	809	651	1640	5900	1070	8100	8090	8600	6480	5250	4440	2130
3	817	656	1540	6870	1330	7130	9500	6390	7860	4540	3680	6410
4	757	658	2150	5260	2260	5320	12700	7240	10300	6960	5610	4540
5	728	630	1300	4800	2250	5930	3950	6230	13200	4580	7550	4980
6	731	382	1580	6570	2670	3230	4210	7350	12400	3910	6060	1150
7	735	409	3530	5780	1280	3390	5470	4120	7860	7780	5440	1860
8	717	654	2310	4010	1310	8530	8180	12400	9520	9060	7950	2790
9	740	651	2700	4230	1540	8780	4700	8300	14800	9430	5660	3510
10	726	615	2710	2130	1810	8630	32000	9110	14000	7730	7590	4060
11	695	581	2630	1390	2500	8370	28500	9540	13700	5630	6980	3940
12	e416	569	4780	1830	5330	8040	22600	7920	11700	5050	8710	4190
13	659	e2080	4570	1830	2390	7680	20300	7980	11900	4910	10600	4990
14	e266	6990	2700	1790	4060	5570	17700	3430	10200	7470	10400	3940
15	661	4970	9280	2780	1860	4000	14300	8470	10700	9580	9890	2970
16	473	565	4700	1870	837	4560	13400	8040	10100	10200	11600	2780
17	368	841	6220	2280	2080	7870	13600	6330	9820	9290	11100	3000
18	543	1350	6760	2430	2490	4830	10800	6110	10900	8540	9190	3260
19	678	1040	5740	821	1470	8090	18400	5400	11600	7510	10000	2340
20	677	2150	5080	1720	3810	13000	21900	4200	11000	5990	9770	2400
21	667	1780	5350	2020	3210	35700	16400	4820	10500	6780	10200	2100
22	673	1830	4710	1030	1200	22900	15200	20100	8690	8050	10300	1870
23	605	1420	6410	1730	2690	13800	14900	33700	8910	4650	7650	2980
24	685	1850	1730	2200	8180	13700	14900	17000	9130	2970	5670	3160
25	716	3010	5370	842	5790	13700	5150	13200	8000	3820	4480	6710
26	659	1930	6570	760	5980	10500	7210	16300	4690	6420	5870	2990
27	655	2980	11100	2510	8450	9480	9400	14900	4290	4810	6550	2100
28	771	1970	7580	1380	6840	10200	8990	14300	2640	3740	6360	2320
29	744	1850	8360	1410	---	8870	8750	12300	3430	3940	4410	2280
30	550	860	9640	1580	---	e8350	7940	9520	7800	3680	2730	2680
31	e525	---	7090	1990	---	8880	---	13600	---	5040	2130	---
TOTAL	20202	46562	147200	83523	85293	296100	387130	315010	281620	193130	222410	95820
MEAN	652	1552	4748	2694	3046	9552	12900	10160	9387	6230	7175	3194
MAX	817	6990	11100	6870	8450	35700	32000	33700	14800	10200	11600	6710
MIN	266	382	1300	760	606	3230	3950	3430	2640	2970	2130	1150
CFSM	0.21	0.51	1.56	0.88	1.00	3.13	4.23	3.33	3.08	2.04	2.35	1.05
IN.	0.25	0.57	1.80	1.02	1.04	3.61	4.72	3.84	3.43	2.36	2.71	1.17

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1896 - 2003, BY WATER YEAR (WY)

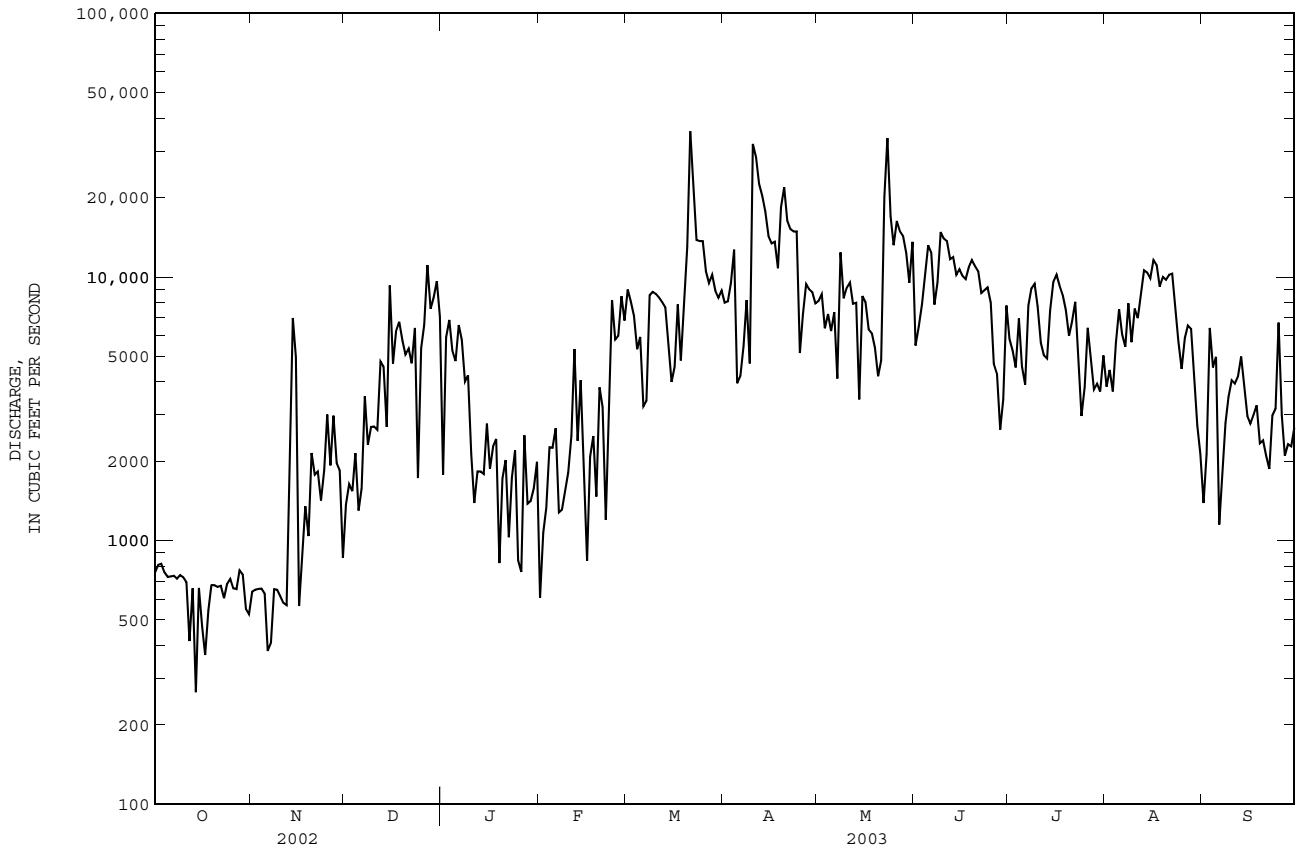
	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	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
MEAN	3337	3448	4097	5174	5823	6172	5564	4296	3892	3246	3431	2965																																																																																																
MAX	10680	12400	14270	10630	14950	19510	15970	15360	10120	10340	22230	9768																																																																																																
(WY)	1899	1978	1902	1946	1899	1899	1901	1901	1901	1896	1901	1945																																																																																																
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 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1896 - 2003	
ANNUAL TOTAL	493430		2174000		4280	
ANNUAL MEAN	1352		5956		9635	
HIGHEST ANNUAL MEAN					1901	
LOWEST ANNUAL MEAN					2002	
HIGHEST DAILY MEAN	11100	Dec 27	35700	Mar 21	127000	May 23 1901
LOWEST DAILY MEAN	e 132	Jan 7	266	Oct 14	e 132	Jan 7 2002
ANNUAL SEVEN-DAY MINIMUM	474	Jan 18	484	Oct 12	474	Jan 18 2002
MAXIMUM PEAK FLOW			50300	Apr 10	a 151000	May 23 1901
MAXIMUM PEAK STAGE			15.17	Apr 10	a 24.15	May 23 1901
ANNUAL RUNOFF (CFSM)	0.44		1.95		1.40	
ANNUAL RUNOFF (INCHES)	6.02		26.52		19.07	
10 PERCENT EXCEEDS	2110		12100		8610	
50 PERCENT EXCEEDS	989		4830		3410	
90 PERCENT EXCEEDS	606		730		880	

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 and discharges Feb. 12 to May 6, 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 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	960	883	1460	5650	2010	10100	9740	8510	9570	7180	4970	2790
2	932	865	2010	5170	1950	12700	9560	10600	6120	11500	5760	1750
3	1060	844	1890	7740	2820	8950	10100	7600	9190	7560	4820	6100
4	965	830	2280	8210	2150	8700	14400	8870	11500	7990	7570	5270
5	933	861	4010	5660	5170	7300	6290	8360	14600	6400	9460	6190
6	945	2630	2850	5960	3050	10600	5850	12300	12800	5400	8800	2010
7	951	1310	4770	7750	5910	9420	e10400	11600	13900	6960	7340	2330
8	940	881	3360	5840	2820	9460	13400	12700	17100	9680	9030	2370
9	923	934	3540	5510	3340	11500	13900	10700	19800	9470	6560	3860
10	913	895	2930	3380	3540	10800	e39500	9760	15300	10000	8850	4770
11	3130	1140	4480	2730	3610	9410	e49800	11500	14700	6560	9030	3270
12	2580	3280	4520	1850	5670	10500	26600	9530	13100	7640	9230	5340
13	2200	3470	9020	3100	6080	9260	22000	9500	13200	7560	10800	4940
14	2200	8020	8370	2940	4860	6920	19200	5530	11200	9990	11700	4830
15	1320	5650	9620	2610	3320	6860	15600	8870	11300	9880	13300	3860
16	3690	2970	4700	3510	2510	8350	14600	11700	11000	10900	13000	3510
17	1970	4690	7680	2970	3750	11300	14600	7010	11700	11400	12100	2740
18	935	3350	8280	4010	4090	9120	14000	6980	14900	8520	10000	4450
19	994	1550	6730	1700	4650	7830	20700	7700	17400	8080	11100	2660
20	943	2770	7810	2070	3600	20400	23200	5590	13300	9420	10100	2040
21	893	2410	5720	2110	6030	e42400	18100	5570	11800	7180	10400	2280
22	1010	2140	5980	3040	4490	26700	16100	18600	9770	9120	10700	2820
23	982	1900	7540	2510	8660	15900	15700	e44200	9340	6300	9320	3860
24	918	2640	4760	3410	9460	15100	15500	21100	10200	4090	6400	3370
25	877	2350	11600	2220	8270	15100	e10400	16700	9490	4190	4970	7280
26	861	3150	7840	1030	8630	13000	6880	20000	6380	5960	6050	3370
27	890	3560	12300	2890	9730	10400	11900	17800	4240	7390	6810	2970
28	898	e1200	9240	2940	12200	12400	10900	16400	4560	5180	6940	2130
29	1720	3330	9180	2550	---	10100	9780	13300	4080	3830	6230	2620
30	1420	1490	10500	4070	---	9780	9550	11700	7450	6040	3330	2090
31	647	---	8150	6460	---	12500	---	13600	---	6970	3430	---
TOTAL	40600	71993	193120	121590	142370	382860	478250	383880	338990	238340	258100	107870
MEAN	1310	2400	6230	3922	5085	12350	15940	12380	11300	7688	8326	3596
MAX	3690	8020	12300	8210	12200	42400	49800	44200	19800	11500	13300	7280
MIN	647	830	1460	1030	1950	6860	5850	5530	4080	3830	3330	1750
CFSM	0.37	0.68	1.76	1.11	1.44	3.49	4.50	3.50	3.19	2.17	2.35	1.02
IN.	0.43	0.76	2.03	1.28	1.50	4.02	5.03	4.03	3.56	2.50	2.71	1.13

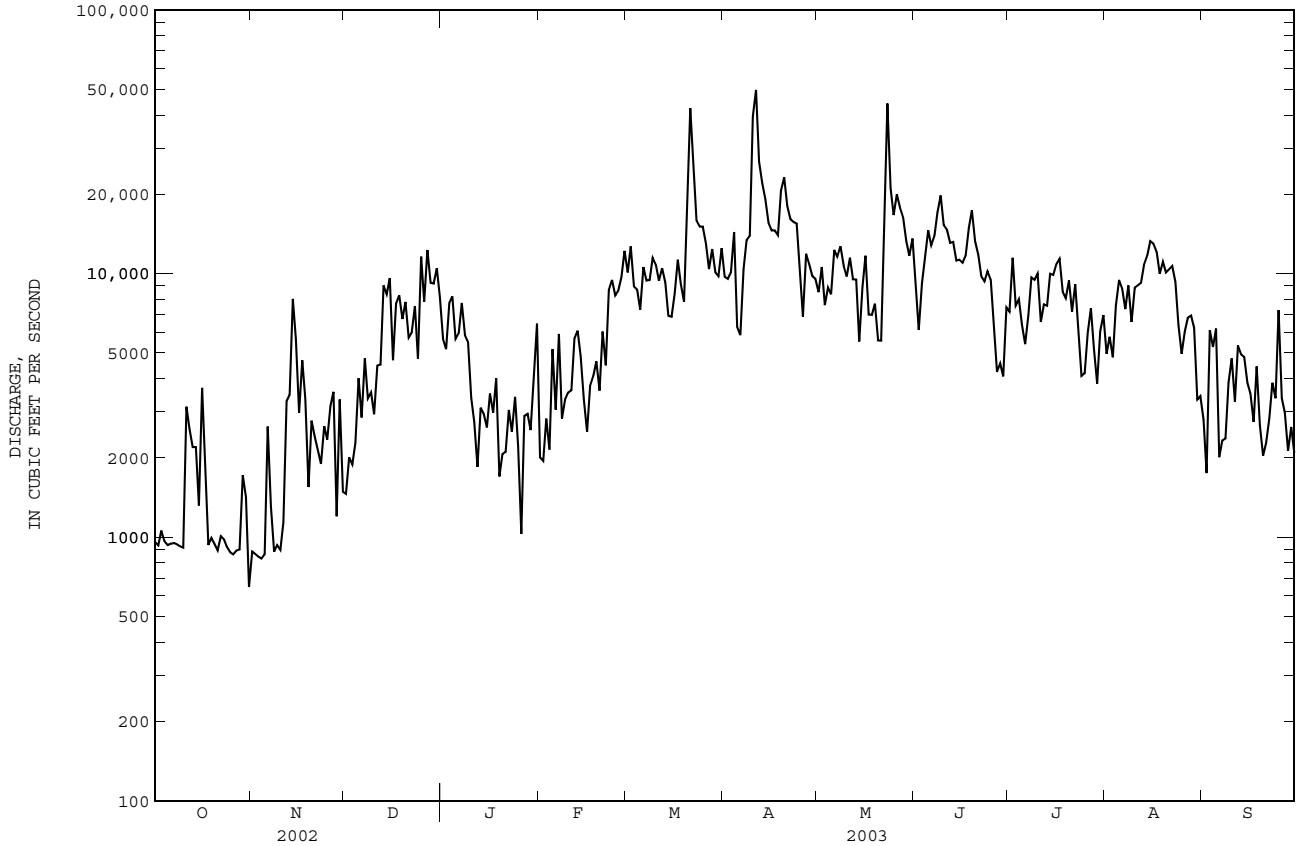
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1992 - 2003, BY WATER YEAR (WY)

	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
MEAN	2703	3077	4150	5999	6581	7028	5942	4192	4120	2939	3531	2225
MAX	7722	7780	8630	11270	12570	14200	15940	12380	11300	7688	8733	3883
(WY)	1996	1993	1993	1993	1998	1993	2003	2003	2003	2003	1994	1995
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 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1992 - 2003	
ANNUAL TOTAL	742509		2757963			
ANNUAL MEAN	2034		7556			
HIGHEST ANNUAL MEAN					7556	2003
LOWEST ANNUAL MEAN					1477	2002
HIGHEST DAILY MEAN	12300	Dec 27	e 49800	Apr 11	e 49800	Apr 11 2003
LOWEST DAILY MEAN	647	Oct 31	647	Oct 31	560	Oct 12 1993
ANNUAL SEVEN-DAY MINIMUM	907	Oct 30	907	Oct 30	807	Oct 9 1993
MAXIMUM PEAK FLOW			Unknown	Apr 11	Unknown	Apr 11 2003
MAXIMUM PEAK STAGE			22.69	Apr 11	22.69	Apr 11 2003
ANNUAL RUNOFF (CFSM)	0.57		2.13		1.23	
ANNUAL RUNOFF (INCHES)	7.80		28.98		16.65	
10 PERCENT EXCEEDS	3600		13900		9510	
50 PERCENT EXCEEDS	1420		6460		2820	
90 PERCENT EXCEEDS	945		1440		1070	

e Estimated



SANTEE RIVER BASIN

02147403 FISHING CREEK BELOW FORT LAWN, SC

LOCATION.--Lat 34°38'12'', long 80°55'39'', Chester County, Hydrologic Unit 03050103, on downstream side of bridge at State Road 77, approximately 3.5 mi north of Great Falls.

DRAINAGE AREA.--134 mi².

PERIOD OF RECORD.--February 2001 to September 2003 (discontinued).

GAGE.--Data collection platform. Elevation of gage is 370 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 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	19	101	61	156	643	1390	413	165	158	120	129	148
2	15	73	61	162	371	952	283	154	140	1770	155	91
3	14	56	55	151	259	722	227	151	132	2050	189	74
4	12	48	53	152	220	430	195	287	190	560	177	59
5	10	47	112	137	361	343	179	287	198	303	198	58
6	9.4	323	673	122	222	2300	177	786	149	207	316	58
7	8.5	456	372	108	772	4260	1140	2990	795	164	402	51
8	18	189	220	100	773	1680	3130	2860	1990	143	389	47
9	11	127	166	99	360	610	2970	618	868	128	986	45
10	9.0	97	142	97	293	400	3990	376	432	112	365	42
11	280	215	223	88	383	297	4960	278	253	182	360	41
12	505	1060	506	82	254	243	4040	235	201	139	302	38
13	281	1640	891	77	189	219	1010	220	209	535	706	37
14	708	498	2540	75	158	244	646	188	217	1230	259	35
15	206	251	836	76	149	216	423	155	162	608	192	33
16	981	238	393	73	212	2070	335	147	139	243	158	32
17	807	1550	268	80	790	2430	278	158	363	163	135	29
18	218	961	201	84	488	1460	766	164	480	140	139	27
19	132	389	167	76	387	1890	2890	152	736	127	109	26
20	94	240	197	70	295	3160	1290	146	366	112	92	24
21	77	180	434	72	228	e5490	581	135	240	101	83	23
22	66	151	232	78	604	e4250	499	449	169	95	76	24
23	60	128	171	89	2510	944	390	2660	138	112	73	55
24	58	108	536	92	811	640	290	3100	120	108	66	78
25	52	95	2570	85	404	458	261	859	101	97	62	58
26	48	87	2150	90	289	316	312	1020	90	84	60	42
27	44	81	544	96	1180	258	507	550	82	76	57	36
28	44	74	345	108	3100	229	317	352	81	71	54	34
29	57	66	249	95	---	207	227	260	100	67	50	30
30	186	63	198	447	---	344	189	214	103	83	48	28
31	149	---	165	1930	---	898	---	181	---	87	76	---
TOTAL	5178.9	9592	15731	5247	16705	39350	32915	20297	9402	10017	6463	1403
MEAN	167	320	507	169	597	1269	1097	655	313	323	208	46.8
MAX	981	1640	2570	1930	3100	5490	4960	3100	1990	2050	986	148
MIN	8.5	47	53	70	149	207	177	135	81	67	48	23
CFSM	1.25	2.39	3.79	1.26	4.45	9.47	8.19	4.89	2.34	2.41	1.56	0.35
IN.	1.44	2.66	4.37	1.46	4.64	10.92	9.14	5.63	2.61	2.78	1.79	0.39

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2001 - 2003, BY WATER YEAR (WY)

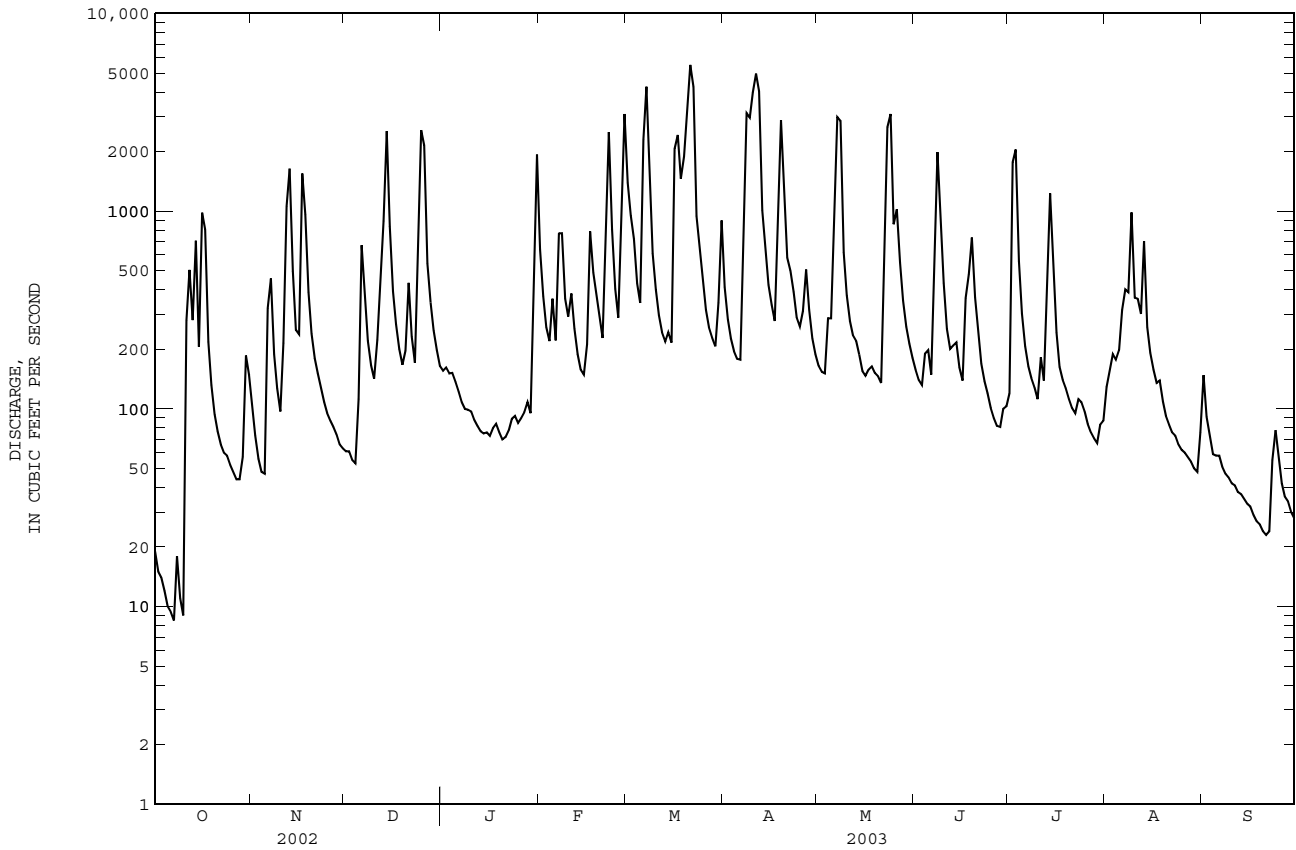
	2001	2002	2003	2001	2002	2003	2001	2002	2003	2001	2002	2003
MEAN	89.2	166	267	201	370	632	448	241	123	118	73.2	44.6
MAX	167	320	507	232	597	1269	1097	655	313	323	208	63.0
(WY)	2003	2003	2003	2002	2003	2003	2003	2003	2003	2003	2003	2002
MIN	11.3	12.8	26.5	169	144	203	117	33.3	7.10	4.82	5.12	24.0
(WY)	2002	2002	2002	2003	2002	2002	2001	2001	2002	2002	2001	2001

02147403 FISHING CREEK BELOW FORT LAWN, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 2001 - 2003	
ANNUAL TOTAL	55357.4		172300.9			
ANNUAL MEAN	152		472		272	
HIGHEST ANNUAL MEAN					472 2003	
LOWEST ANNUAL MEAN					72.4 2002	
HIGHEST DAILY MEAN	2570	Dec 25	e 5490	Mar 21	e 5490	Mar 21 2003
LOWEST DAILY MEAN	e 3.6	a Jul 20	8.5	Oct 7	e 3.0	Aug 30 2001
ANNUAL SEVEN-DAY MINIMUM	3.7	Aug 5	11	Oct 4	3.4	Sep 15 2001
MAXIMUM PEAK FLOW			Unknown		Unknown	
MAXIMUM PEAK STAGE			25.97		25.97	
ANNUAL RUNOFF (CFSM)	1.13		3.52		2.03	
ANNUAL RUNOFF (INCHES)	15.37		47.83		27.60	
10 PERCENT EXCEEDS	391		1090		643	
50 PERCENT EXCEEDS	48		189		81	
90 PERCENT EXCEEDS	4.1		49		5.8	

a Also occurred Jul. 21, 22, 30, 31, Aug. 8, 9, 11.

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.--No estimated daily discharges. Records fair.

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	11	38	37	131	444	956	239	90	68	51	37	64
2	8.8	28	34	135	291	1030	179	86	58	1920	32	29
3	7.9	23	34	122	218	578	149	123	56	837	36	27
4	6.9	20	33	113	184	351	128	206	70	209	79	22
5	6.2	21	124	105	195	290	125	142	66	115	130	27
6	5.8	159	338	93	153	3110	139	264	55	83	167	22
7	5.3	149	158	85	533	3820	1050	782	305	67	89	20
8	7.6	68	105	83	495	718	1480	370	875	58	81	20
9	7.6	48	83	80	298	478	3750	211	265	50	804	19
10	8.2	39	70	77	329	334	4310	145	141	44	281	17
11	318	317	190	70	356	238	3190	119	98	95	264	16
12	231	893	275	65	254	190	941	104	90	58	91	15
13	73	845	818	63	202	206	530	87	80	217	475	15
14	69	287	1430	63	170	226	375	82	71	655	150	15
15	37	158	412	62	162	215	264	82	63	567	97	14
16	311	194	248	59	255	2720	195	83	56	188	71	13
17	220	929	195	70	712	987	162	76	90	114	64	12
18	81	548	153	64	529	1770	886	73	145	84	54	11
19	49	248	120	59	401	964	1890	75	113	70	45	11
20	35	158	213	59	329	6510	606	75	109	61	40	10
21	38	122	208	59	283	5650	386	68	64	49	37	10
22	30	99	140	69	570	783	337	214	53	44	33	22
23	24	78	114	74	1390	514	237	981	46	51	30	60
24	21	65	658	61	508	403	181	353	43	58	28	38
25	20	60	1700	65	336	336	186	204	40	42	26	20
26	21	54	669	74	249	277	197	254	37	36	25	16
27	20	50	330	79	1200	197	160	164	34	34	23	15
28	18	45	230	75	3340	154	126	144	43	32	21	15
29	39	42	184	73	---	134	108	118	52	28	19	13
30	95	40	151	706	---	306	99	97	38	30	22	12
31	58	---	130	1210	---	445	---	81	---	37	51	---
TOTAL	1883.3	5825	9584	4203	14386	34890	22605	5953	3324	5984	3402	620
MEAN	60.8	194	309	136	514	1125	754	192	111	193	110	20.7
MAX	318	929	1700	1210	3340	6510	4310	981	875	1920	804	64
MIN	5.3	20	33	59	153	134	99	68	34	28	19	10
CFSM	0.31	1.00	1.59	0.70	2.65	5.80	3.88	0.99	0.57	1.00	0.57	0.11
IN.	0.36	1.12	1.84	0.81	2.76	6.69	4.33	1.14	0.64	1.15	0.65	0.12

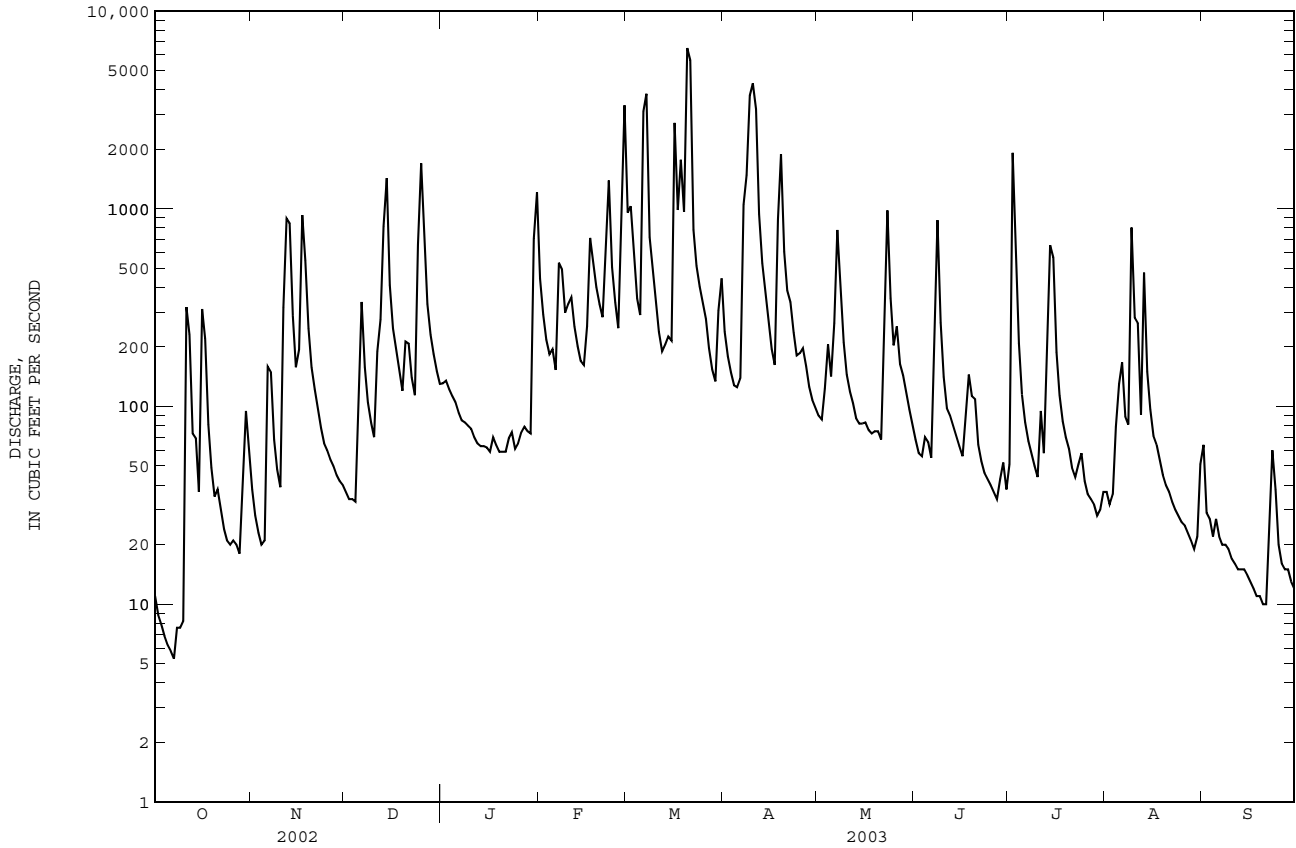
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1951 - 2003, BY WATER YEAR (WY)

MEAN	138	105	156	324	353	403	257	109	87.3	90.8	104	95.0
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	48.6	51.4	49.6	50.7	18.9	7.69	7.00	4.46	0.86
(WY)	1955	1955	2002	2001	2001	1955	1995	2001	2002	2002	1957	1954

02147500 ROCKY CREEK AT GREAT FALLS, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1951 - 2003	
ANNUAL TOTAL	34640.37		112659.3		185	
ANNUAL MEAN	94.9		309		315	
HIGHEST ANNUAL MEAN					1973	
LOWEST ANNUAL MEAN					52.0	
HIGHEST DAILY MEAN	1700	Dec 25	6510	Mar 20	21100	Aug 24 1967
LOWEST DAILY MEAN	0.00	a Aug 15	5.3	Oct 7	0.00	a Aug 15 2002
ANNUAL SEVEN-DAY MINIMUM	0.03	Aug 11	6.8	Oct 3	0.03	Aug 11 2002
MAXIMUM PEAK FLOW			11700	b Mar 20	31300	Aug 23 1967
MAXIMUM PEAK STAGE			10.83	Mar 21	18.82	Aug 23 1967
INSTANTANEOUS LOW FLOW			5.2	Oct 7	0.00	c Aug 14 2002
ANNUAL RUNOFF (CFSM)	0.49		1.59		0.96	
ANNUAL RUNOFF (INCHES)	6.64		21.60		12.98	
10 PERCENT EXCEEDS	224		714		349	
50 PERCENT EXCEEDS	34		97		64	
90 PERCENT EXCEEDS	4.2		21		16	

a Also occurred Aug. 16, 2002.
 b Also occurred Mar. 21.
 c Also occurred Aug. 15-17, 2002.



SANTÉE RIVER BASIN

02148000 WATEREE RIVER NEAR CAMDEN, SC

LOCATION.--Lat 34°14'40'', long 80°39'15'', Kershaw County, Hydrologic Unit 03050104, in 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 118.36 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.

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 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1000	2130	1830	8810	7500	14600	14400	8740	16900	13100	6040	1550
2	1040	1580	2110	10300	3590	15100	14200	11300	16900	14700	6170	2860
3	1150	1430	2490	9410	3720	16600	14200	10100	11500	16000	5660	5380
4	1080	1280	2540	9000	2620	16200	13800	10000	13400	14000	6840	5440
5	897	754	2660	5550	3670	14000	11500	9320	9660	10700	9050	4790
6	909	800	3870	8530	3780	16900	6820	9930	13500	8210	12100	2290
7	907	784	3740	8690	5760	19900	10800	14700	15500	8980	9270	1780
8	900	533	3510	6020	6250	19800	16400	16700	15600	12400	9990	3860
9	900	601	3290	3920	4550	19000	18000	16300	16600	10200	8630	5320
10	900	e1050	4820	3100	3950	18200	20700	12200	16600	9690	9180	4260
11	1130	1610	5320	1590	5360	15600	47300	11600	16900	9090	11300	3080
12	1130	6940	5610	2000	7560	13900	52800	10600	15500	7930	9840	4900
13	1140	10700	10800	2020	10400	13000	35700	9230	9440	7250	11700	4790
14	1120	10400	11500	2000	10700	14200	27900	9270	13500	10200	12200	4090
15	3330	9300	13000	2540	5000	9750	23600	8720	14600	12500	13600	5210
16	1990	4620	12500	e3200	1790	14900	20600	8970	14100	14200	13800	3740
17	1090	5240	9680	e4000	5270	17700	18400	9400	14000	13500	12000	4290
18	1880	6540	8580	e4630	7340	18300	17500	7060	14400	11100	10800	3630
19	1580	6440	10800	1090	6100	18100	17900	7020	17400	10100	12800	2870
20	e1100	5650	8760	e1430	6490	19500	21700	7210	18000	9110	11900	e935
21	1600	5240	10800	2080	8080	34700	23400	5950	16900	9820	13800	e1000
22	1380	5060	8320	2290	6010	52300	21700	13700	13500	12500	11000	2210
23	1640	2270	9250	1860	9950	34100	19800	17600	13500	7040	12200	3130
24	e1000	1870	9890	3750	11800	24200	18100	27100	9310	5760	9490	3850
25	e1100	3130	12200	1890	11500	20000	17700	24200	9910	5500	6870	6030
26	1790	2200	11800	2060	15400	18400	16100	21800	9710	8640	7670	5170
27	e800	4120	13200	2890	11700	18100	15000	21000	6340	4040	7470	4790
28	2090	2260	13100	2150	14600	17500	14000	19900	5410	4580	7720	2300
29	1340	2570	9320	1460	---	17100	11400	18300	4470	4770	5860	2530
30	1710	1290	12900	3840	---	12900	10900	17000	8030	4230	4960	2920
31	1560	---	12200	9090	---	14000	---	16800	---	5400	2390	---
TOTAL	41183	108392	250390	131190	200440	588550	592320	411720	391080	295240	292300	108995
MEAN	1328	3613	8077	4232	7159	18990	19740	13280	13040	9524	9429	3633
MAX	3330	10700	13200	10300	15400	52300	52800	27100	18000	16000	13800	6030
MIN	800	533	1830	1090	1790	9750	6820	5950	4470	4040	2390	935
CFSM	0.26	0.71	1.59	0.83	1.41	3.74	3.89	2.62	2.57	1.88	1.86	0.72
IN.	0.30	0.80	1.84	0.96	1.47	4.32	4.35	3.02	2.87	2.17	2.14	0.80

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 2003, BY WATER YEAR (WY)

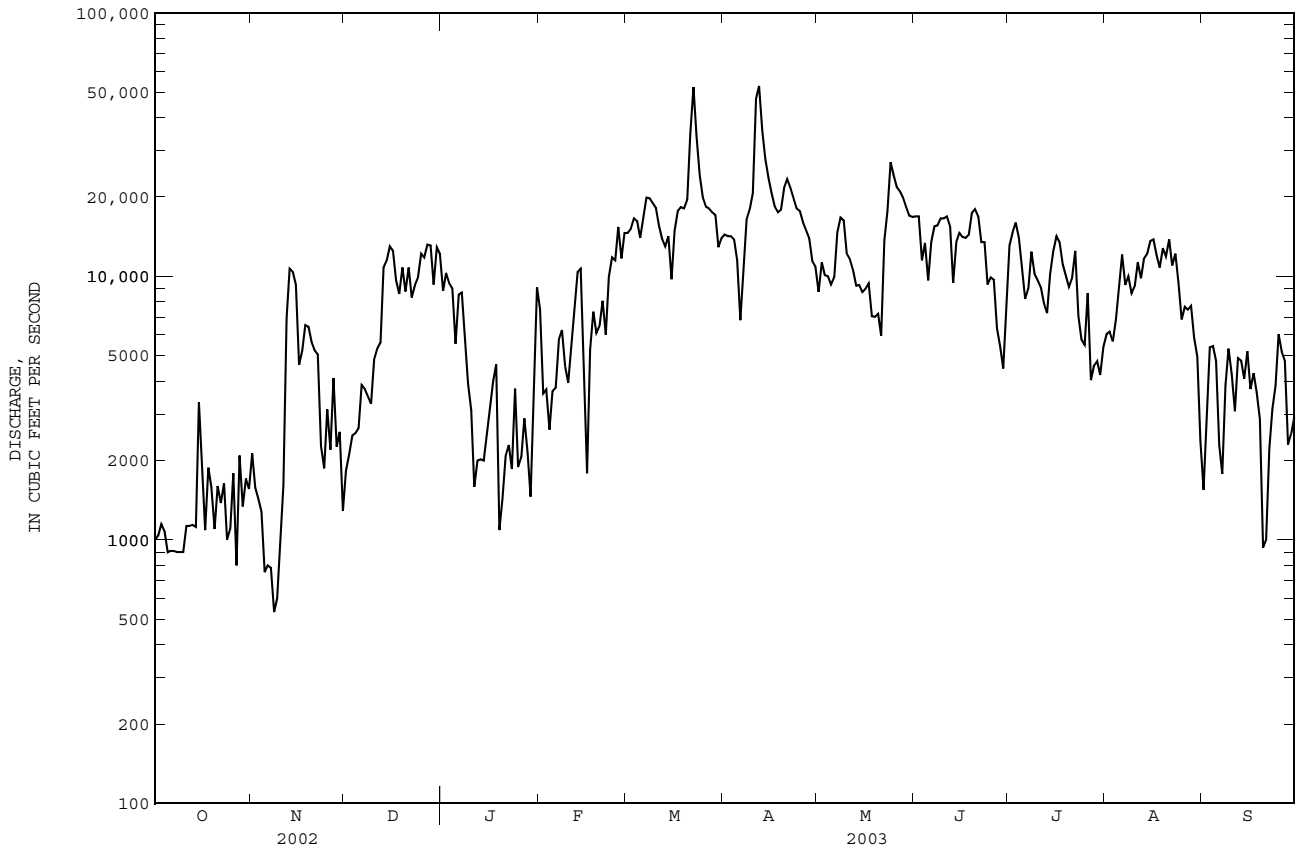
	MEAN	MAX	MIN	(WY)
MEAN	4705	4827	5736	8406
MAX	19080	15370	14000	18530
MIN	1965	1978	1984	1937
(WY)	1095	992	1056	1803
MEAN	4705	4827	5736	8406
MAX	19080	15370	14000	18530
MIN	1965	1978	1984	1937
(WY)	1095	992	1056	1803
MEAN	4705	4827	5736	8406
MAX	19080	15370	14000	18530
MIN	1965	1978	1984	1937
(WY)	1095	992	1056	1803
MEAN	4705	4827	5736	8406
MAX	19080	15370	14000	18530
MIN	1965	1978	1984	1937
(WY)	1095	992	1056	1803

02148000 WATEREE RIVER NEAR CAMDEN, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1930 - 2003	
ANNUAL TOTAL	938570		3411800		6108	
ANNUAL MEAN	2571		9347		9964	
HIGHEST ANNUAL MEAN					1852	
LOWEST ANNUAL MEAN					149000	
HIGHEST DAILY MEAN	13200	Dec 27	52800	Apr 12	149000	Oct 3 1929
LOWEST DAILY MEAN	533	Nov 8	533	Nov 8	143	Sep 28 1980
ANNUAL SEVEN-DAY MINIMUM	829	Nov 4	829	Nov 4	279	Jul 1 1959
MAXIMUM PEAK FLOW			58400		a 366000	
MAXIMUM PEAK STAGE			29.90		a 39.70	
ANNUAL RUNOFF (CFSM)	0.51		1.84		1.20	
ANNUAL RUNOFF (INCHES)	6.89		25.03		16.37	
10 PERCENT EXCEEDS	5080		17800		13000	
50 PERCENT EXCEEDS	1530		8740		4800	
90 PERCENT EXCEEDS	1190		1560		1130	

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



WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1992 to September 2003.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: November 1991 to September 2003 (discontinued).

pH: November 1991 to September 2003 (discontinued).

WATER TEMPERATURE: March 1988 to September 1989, November 1991 to September 2003 (discontinued).

DISSOLVED OXYGEN: November 1991 to September 2003 (discontinued).

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

REMARKS.--Specific conductance records rated excellent except for Nov. 5-15, July 20-24, Aug. 26-29, and Sep. 7, 8, which are good. pH records rated good except for Oct. 11 to Nov. 4, Dec. 3-18, Feb. 13 to Mar. 19, Apr. 15 to Sep. 8, which are excellent. Temperature records rated excellent. Dissolved oxygen records rated fair except for Nov. 15 to Dec. 10, which are excellent, May 21 to June 15, which are good, and Jan. 5 to Apr. 15 and Aug. 11-29, which are poor.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 290 microsiemens, Oct. 8, 2001; minimum, 29 microsiemens, July 2, 2003.

pH: Maximum, 8.9 units, Dec. 20, 2001, Apr. 7, 2002, May 2, 2002; minimum, 5.7 units, Feb. 20, 2001.

WATER TEMPERATURE: Maximum, 33.0°C, Aug 15, 1988, July 30, 2002; minimum, 3.5°C, Dec. 31, 2000, Jan. 10, 11, 2001.

DISSOLVED OXYGEN: Maximum, 13.9 mg/L, Nov. 24, 2000; minimum, 1.7 mg/L, Aug. 3, 1993.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 273 microsiemens, Oct. 1; minimum, 29 microsiemens, July 2.

pH: Maximum, 8.7 units, Nov. 7, 9; minimum, 6.1 units, July 2.

WATER TEMPERATURE: Maximum, 30.2°C, Aug. 31, Sep. 1, 2; minimum, 4.5°C, Jan. 25.

DISSOLVED OXYGEN: Maximum, 12.8 mg/L, Jan. 20, Feb. 9; minimum, 3.1 mg/L, Aug. 30, 31.

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	273	264	269	253	239	248	228	214	224	150	128	145
2	271	262	268	252	234	247	---	---	---	146	138	144
3	271	265	269	252	240	247	---	---	---	142	134	140
4	272	265	269	252	241	247	---	---	---	141	131	139
5	272	264	269	247	239	244	---	---	---	140	134	138
6	270	263	267	247	236	243	---	---	---	139	123	138
7	271	263	267	245	226	238	---	---	---	138	123	136
8	269	263	267	238	224	232	---	---	---	137	129	136
9	267	260	264	243	230	237	---	---	---	138	134	137
10	266	257	263	246	229	238	---	---	---	138	135	137
11	265	255	262	245	228	242	---	---	---	138	133	137
12	266	250	260	244	226	238	---	---	---	138	132	137
13	265	235	257	241	226	237	---	---	---	138	132	137
14	263	249	258	240	210	232	190	170	186	138	134	137
15	264	255	261	244	216	234	195	177	189	138	131	137
16	264	242	256	242	225	233	198	190	196	138	134	138
17	261	245	253	239	210	233	202	191	198	---	---	---
18	261	241	251	239	217	229	206	195	201	---	---	---
19	261	240	252	239	219	232	203	200	201	144	138	141
20	259	245	251	238	213	229	200	181	193	142	135	139
21	257	248	254	237	211	230	194	183	190	141	125	138
22	257	248	252	235	218	230	185	179	183	141	128	139
23	255	245	252	233	221	230	179	172	178	141	125	139
24	256	234	244	235	212	228	176	158	171	141	134	140
25	255	242	248	236	227	233	163	134	158	142	137	141
26	255	244	252	232	222	228	163	134	158	143	131	140
27	255	230	243	231	220	229	161	144	160	143	139	142
28	255	245	252	231	211	225	160	142	158	144	139	143
29	253	237	247	230	221	227	161	149	158	144	137	143
30	252	241	249	229	213	224	160	145	158	143	135	140
31	252	234	246	---	---	---	157	150	154	143	109	138
MONTH	273	230	257	253	210	235	---	---	---	---	---	---

SANTEE RIVER BASIN

02148000 WATEREE RIVER NEAR CAMDEN, SC--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	144	116	135	143	139	141	82	79	81	83	79	82
2	145	93	135	140	136	139	84	81	83	84	82	84
3	145	102	138	139	128	137	86	83	84	85	81	84
4	146	84	122	138	130	135	87	85	86	86	84	85
5	---	---	---	131	123	128	88	85	87	88	85	87
6	---	---	---	127	96	107	90	86	89	88	80	84
7	146	127	144	104	90	98	91	87	90	88	83	86
8	148	140	145	109	86	99	90	88	89	93	85	90
9	150	140	146	112	101	109	89	82	85	96	90	94
10	150	112	143	113	105	109	87	73	80	98	89	96
11	149	128	143	110	102	107	92	81	89	98	95	97
12	153	140	149	107	98	105	83	68	76	98	90	96
13	155	142	152	106	97	103	69	60	66	97	92	96
14	155	138	153	100	91	97	66	62	64	97	92	95
15	155	145	152	100	90	96	68	64	66	97	93	95
16	155	127	148	98	81	91	71	68	69	96	93	95
17	149	103	135	102	78	94	74	70	72	96	92	95
18	152	121	143	107	92	102	75	73	74	98	91	95
19	152	133	148	111	104	107	76	74	75	97	93	96
20	152	146	150	107	84	95	78	76	77	97	92	96
21	152	131	147	105	91	100	80	78	79	98	92	95
22	150	136	142	102	81	91	79	77	78	96	95	96
23	145	131	139	81	72	74	78	77	78	96	89	93
24	146	135	143	75	70	73	78	76	78	98	94	97
25	147	131	143	74	66	73	78	77	78	100	93	97
26	146	132	142	75	69	72	78	76	77	97	92	95
27	142	131	139	74	73	73	80	77	79	92	86	88
28	142	136	139	76	74	75	81	78	80	88	83	85
29	---	---	---	78	76	77	82	78	81	85	82	84
30	---	---	---	80	76	78	83	79	82	86	84	85
31	---	---	---	81	78	79	---	---	---	86	85	86
MONTH	---	---	---	143	66	99	92	60	79	100	79	91

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	87	86	86	83	82	83	97	89	94	98	88	92
2	86	80	85	83	29	61	97	90	95	96	93	95
3	86	80	84	69	64	67	96	87	92	96	92	95
4	84	82	83	80	69	74	96	60	89	95	90	93
5	88	76	83	84	77	81	94	79	91	94	89	93
6	88	87	88	87	76	82	109	89	98	92	84	88
7	88	85	87	93	78	87	96	90	93	93	81	88
8	90	87	88	96	86	94	99	90	96	---	---	---
9	91	89	90	98	89	95	100	88	94	---	---	---
10	93	90	92	99	92	96	103	94	99	---	---	---
11	93	92	93	98	92	96	106	94	102	---	---	---
12	92	84	91	100	89	96	107	101	105	---	---	---
13	93	85	90	102	95	100	107	101	104	---	---	---
14	92	89	90	102	98	101	104	100	102	---	---	---
15	90	88	89	104	97	102	104	99	102	---	---	---
16	88	87	88	106	102	105	103	100	102	---	---	---
17	88	85	87	104	102	103	103	97	101	---	---	---
18	88	83	87	105	100	103	104	97	102	---	---	---
19	86	81	85	103	98	101	103	94	101	---	---	---
20	85	81	83	100	93	97	103	97	100	---	---	---
21	87	84	86	98	90	96	100	96	99	---	---	---
22	89	84	87	97	88	94	98	92	95	---	---	---
23	89	85	88	94	80	90	95	92	94	---	---	---
24	89	85	87	---	---	---	95	90	93	---	---	---
25	90	83	87	95	87	92	93	88	92	---	---	---
26	88	79	86	95	90	93	94	89	92	---	---	---
27	86	81	83	95	89	92	94	87	91	---	---	---
28	84	81	83	95	90	93	94	86	92	---	---	---
29	85	77	81	96	88	93	95	88	93	---	---	---
30	85	80	83	96	87	92	96	92	94	---	---	---
31	---	---	---	97	88	93	96	89	93	---	---	---
MONTH	93	76	87	---	---	---	109	60	96	---	---	---

SANTEE RIVER BASIN

02148000 WATEREE RIVER NEAR CAMDEN, SC--Continued

pH, water, unfiltered, field, standard units
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	8.5	7.2	7.5	7.0	7.4	7.0	7.2	7.1	7.4	7.2	7.2	7.1
2	8.3	7.2	7.7	7.0	7.2	7.0	7.1	7.1	7.4	7.3	7.2	7.1
3	7.9	7.2	7.6	7.1	7.4	7.0	7.1	7.1	7.5	7.3	7.2	7.1
4	8.2	7.2	7.5	7.1	7.1	7.0	7.1	7.0	7.6	7.3	7.2	7.2
5	8.4	7.2	7.6	7.2	7.3	7.1	7.1	7.0	---	---	7.2	7.2
6	8.6	7.2	8.3	7.2	7.4	7.0	7.0	6.9	7.5	7.3	7.2	7.0
7	8.5	7.1	8.7	7.3	7.2	7.0	7.0	7.0	7.4	7.3	7.0	6.9
8	8.2	7.2	8.6	7.3	7.2	7.0	7.1	7.0	7.8	7.3	7.0	6.9
9	8.1	7.2	8.7	7.2	7.1	7.0	7.3	7.0	7.9	7.2	7.1	7.0
10	8.3	7.2	8.2	7.1	7.1	7.0	7.2	7.0	7.3	7.2	7.1	7.1
11	7.8	7.2	7.4	7.0	7.1	7.0	7.4	7.0	7.6	7.2	7.1	7.0
12	8.0	7.1	7.1	7.0	7.1	7.0	7.4	7.1	7.4	7.2	7.1	7.0
13	7.8	7.1	7.3	7.1	7.0	6.8	7.4	7.1	7.3	7.2	7.0	7.0
14	8.0	7.1	7.4	7.1	6.9	6.8	7.4	7.1	7.3	7.2	7.0	6.9
15	7.8	7.0	7.3	7.0	7.0	6.9	7.4	7.1	7.6	7.2	7.0	6.9
16	7.3	7.0	7.1	7.0	7.0	7.0	---	---	7.4	7.2	7.0	6.9
17	7.6	7.0	7.2	7.0	7.1	7.0	---	---	7.2	7.0	7.0	6.7
18	7.7	7.1	7.2	7.0	7.2	7.0	---	---	7.3	7.1	7.0	6.9
19	7.6	7.2	7.2	7.0	7.2	7.2	7.3	7.1	7.4	7.1	7.1	7.0
20	7.8	7.0	7.0	6.9	7.2	7.1	7.6	7.1	7.3	7.2	7.1	6.9
21	7.7	7.0	7.0	7.0	7.2	7.2	7.5	7.1	7.2	7.1	7.2	7.0
22	7.4	7.0	7.1	7.0	7.2	7.1	8.0	7.2	7.2	7.1	7.2	7.0
23	8.1	7.0	7.3	7.0	7.2	7.1	7.6	7.2	7.2	7.1	7.0	6.9
24	8.0	7.0	7.3	7.1	7.2	7.1	7.6	7.3	7.2	7.1	7.0	6.9
25	7.5	7.0	7.2	7.0	7.1	7.0	7.6	7.3	7.2	7.1	7.0	6.8
26	7.5	7.1	7.2	7.0	7.2	7.0	7.6	7.2	7.2	7.2	6.9	6.9
27	7.5	7.1	7.2	7.1	7.2	7.1	7.7	7.2	7.2	7.1	7.0	6.9
28	7.8	7.0	7.5	7.0	7.2	7.1	7.8	7.2	7.2	7.2	7.0	6.9
29	7.2	7.0	7.4	7.0	7.2	7.1	7.7	7.2	---	---	7.0	6.9
30	7.5	7.0	7.6	7.0	7.2	7.2	7.2	7.1	---	---	7.1	6.9
31	7.5	7.0	---	---	7.2	7.1	7.2	7.0	---	---	7.1	7.0
MONTH	8.6	7.0	8.7	6.9	7.4	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	7.0	7.0	7.0	6.9	7.2	7.0	6.9	6.9	6.8	6.7	6.8	6.6
2	7.1	7.0	7.1	6.9	7.1	6.9	6.9	6.1	6.8	6.6	6.8	6.6
3	7.1	7.0	7.2	7.0	7.0	6.8	6.8	6.6	6.8	6.6	6.8	6.7
4	7.1	7.0	7.0	7.0	6.9	6.9	6.8	6.7	6.8	6.5	6.8	6.6
5	7.1	7.0	7.0	6.9	7.1	6.8	6.9	6.7	6.9	6.7	6.9	6.7
6	7.1	7.0	7.0	7.0	7.1	7.0	6.9	6.7	6.9	6.8	6.9	6.6
7	7.1	7.0	7.0	7.0	7.0	6.9	6.9	6.7	6.9	6.7	6.8	6.8
8	7.1	7.0	7.1	7.0	7.0	6.9	6.9	6.8	6.9	6.8	---	---
9	7.1	7.0	7.2	7.1	7.2	7.0	6.9	6.7	6.9	6.7	---	---
10	7.2	6.9	7.2	7.1	7.1	7.0	6.9	6.8	6.8	6.7	---	---
11	7.2	7.1	7.2	7.1	7.1	7.0	6.9	6.8	6.9	6.8	---	---
12	7.2	7.0	7.4	7.2	7.1	6.9	6.9	6.7	6.9	6.8	---	---
13	7.0	6.9	7.4	7.1	7.0	6.8	6.8	6.7	6.9	6.7	---	---
14	7.0	6.9	7.2	7.1	7.1	7.0	6.8	6.8	6.9	6.8	---	---
15	7.0	6.9	7.1	7.1	7.1	7.0	6.9	6.8	7.0	6.8	---	---
16	6.9	6.9	7.2	7.0	7.1	7.0	6.9	6.8	6.9	6.8	---	---
17	7.0	6.9	7.1	7.0	7.0	6.9	6.9	6.8	6.9	6.7	---	---
18	7.0	6.9	7.1	7.0	7.0	6.9	6.9	6.8	6.9	6.7	---	---
19	7.0	6.9	7.1	7.0	7.1	6.9	6.9	6.8	6.8	6.7	---	---
20	7.1	7.0	7.2	7.0	7.0	6.9	6.8	6.7	6.8	6.7	---	---
21	7.0	7.0	7.1	6.9	7.1	6.9	6.8	6.7	6.8	6.7	---	---
22	7.1	7.0	7.0	7.0	7.1	6.9	6.8	6.7	6.8	6.6	---	---
23	7.1	7.0	7.2	7.0	7.1	7.0	6.8	6.6	6.8	6.7	---	---
24	7.1	7.0	7.2	7.0	7.1	6.9	---	---	6.8	6.6	---	---
25	7.0	7.0	7.1	7.0	7.0	6.9	6.8	6.7	6.8	6.5	---	---
26	7.1	7.0	7.2	7.0	7.0	6.8	6.8	6.7	6.9	6.6	---	---
27	7.1	7.1	7.2	7.0	6.9	6.8	6.8	6.7	6.8	6.6	---	---
28	7.1	7.0	7.2	7.1	6.9	6.8	6.9	6.7	6.7	6.6	---	---
29	7.1	7.0	7.1	7.0	6.9	6.8	6.9	6.7	6.7	6.6	---	---
30	7.1	6.9	7.2	7.1	7.0	6.8	6.9	6.7	6.7	6.6	---	---
31	---	---	7.1	7.0	---	---	6.8	6.6	6.7	6.6	---	---
MONTH	7.2	6.9	7.4	6.9	7.2	6.8	---	---	7.0	6.5	---	---

SANTEE RIVER BASIN

02148000 WATEREE RIVER NEAR CAMDEN, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	27.7	24.1	25.8	20.4	17.1	19.3	13.1	9.9	12.1	9.2	8.3	8.7
2	28.0	24.2	26.1	19.9	15.4	18.8	12.8	10.6	12.1	8.7	8.4	8.6
3	27.6	24.2	26.1	19.1	16.9	18.3	12.6	11.3	12.1	8.8	8.5	8.6
4	28.0	24.5	26.2	18.8	17.6	18.4	11.8	10.4	11.3	8.7	8.2	8.5
5	28.6	24.9	26.4	18.6	17.1	17.9	11.4	10.2	11.1	8.7	6.4	8.2
6	28.3	25.1	26.4	18.9	17.2	18.3	11.5	9.8	10.7	8.6	7.8	8.2
7	28.1	24.9	26.3	18.3	15.7	16.8	11.3	8.3	10.5	8.3	7.4	7.9
8	27.1	23.3	24.6	18.1	15.0	16.4	11.0	8.6	10.3	8.8	7.1	8.0
9	25.1	23.2	24.0	18.8	14.9	16.8	10.5	9.5	10.1	10.3	7.8	8.3
10	26.3	23.7	24.7	18.8	16.5	17.5	10.2	8.9	9.9	8.9	8.2	8.5
11	25.5	24.2	24.8	18.1	17.3	17.6	10.0	9.6	9.9	9.0	6.9	8.2
12	26.6	23.5	24.9	17.5	17.3	17.4	9.8	9.0	9.6	8.8	6.0	7.7
13	25.9	23.6	24.6	17.7	17.2	17.4	9.6	9.1	9.3	8.2	6.8	7.8
14	25.0	23.1	23.7	17.5	16.3	17.0	9.3	8.8	9.0	8.8	6.6	7.9
15	23.9	21.8	22.9	17.2	15.8	16.6	8.9	8.3	8.6	8.5	6.5	7.6
16	23.7	21.8	22.9	16.8	16.1	16.4	8.6	8.0	8.3	---	---	---
17	24.7	20.8	22.5	16.5	15.5	16.3	8.6	8.0	8.2	---	---	---
18	23.7	20.5	22.3	16.2	14.3	15.8	8.3	7.8	8.1	---	---	---
19	23.3	20.0	21.8	16.1	14.8	15.5	8.4	8.2	8.3	7.6	4.9	6.8
20	22.9	20.3	21.5	15.7	13.3	15.1	8.8	8.2	8.5	9.3	5.0	7.3
21	23.1	21.0	22.2	15.4	14.2	15.0	8.8	8.2	8.4	9.8	7.2	7.8
22	22.0	20.0	21.5	15.3	14.3	14.8	9.0	7.8	8.4	8.5	7.1	7.5
23	22.0	20.8	21.5	15.2	11.5	14.2	8.8	8.0	8.5	7.2	5.5	6.5
24	21.4	20.5	20.9	15.2	12.0	14.0	8.6	8.4	8.5	7.4	5.5	6.3
25	21.3	20.0	20.7	14.8	12.1	14.0	8.9	8.5	8.7	7.2	4.5	6.1
26	21.7	20.4	21.0	14.4	12.1	13.8	8.8	8.1	8.5	7.2	5.0	6.1
27	21.6	20.2	20.8	14.0	12.0	13.5	8.8	8.2	8.5	6.6	5.2	6.1
28	22.2	20.6	21.0	13.3	11.2	12.6	8.8	7.8	8.4	7.2	5.0	6.1
29	20.8	19.5	20.1	13.7	11.2	12.6	8.9	7.7	8.4	8.2	5.3	6.4
30	20.1	18.1	19.7	13.5	11.6	12.8	8.8	8.2	8.5	6.7	6.4	6.5
31	20.4	17.5	19.6	---	---	---	8.8	8.2	8.5	6.5	6.2	6.3
MONTH	28.6	17.5	23.1	20.4	11.2	16.0	13.1	7.7	9.4	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	7.6	6.2	6.6	9.1	8.8	9.0	15.7	14.9	15.3	18.0	16.7	17.3
2	7.7	5.8	6.7	9.5	9.1	9.3	16.1	15.1	15.5	19.4	16.9	17.9
3	8.2	6.2	6.8	9.7	9.1	9.4	16.4	15.4	15.8	20.0	18.8	19.3
4	8.0	6.7	7.3	9.6	9.0	9.2	16.6	15.8	16.1	19.1	18.7	19.0
5	8.0	6.0	7.2	9.1	8.8	9.0	16.6	16.0	16.3	18.7	18.3	18.5
6	7.4	7.1	7.3	10.3	8.9	9.9	16.8	15.9	16.3	19.4	18.4	19.1
7	7.5	7.2	7.3	10.3	9.9	10.1	16.2	15.6	16.0	20.4	19.2	19.8
8	8.0	6.8	7.3	10.0	9.5	9.7	16.1	15.6	15.9	21.2	20.1	20.6
9	8.8	6.9	7.4	10.5	9.7	10.1	15.7	14.9	15.2	21.8	20.8	21.2
10	8.2	7.2	7.4	11.3	10.4	10.9	15.0	13.9	14.4	22.0	21.2	21.6
11	9.0	6.4	7.5	11.5	10.6	11.1	14.9	13.3	14.5	22.4	21.6	21.9
12	8.0	6.8	7.5	11.7	10.9	11.3	13.3	12.6	12.9	23.1	22.0	22.5
13	8.1	6.9	7.7	11.6	11.0	11.4	13.3	12.5	12.9	23.2	21.5	22.4
14	7.9	7.3	7.7	12.5	11.4	12.1	13.4	12.8	13.0	22.5	21.3	22.0
15	9.9	7.7	8.2	12.2	11.6	12.0	13.9	12.9	13.3	21.9	21.2	21.6
16	8.2	7.4	7.9	12.7	12.0	12.4	14.6	13.4	13.9	22.6	21.5	21.9
17	7.7	5.8	7.2	12.8	12.5	12.7	14.6	13.8	14.1	21.9	21.6	21.8
18	7.9	7.0	7.6	13.1	12.8	12.9	14.6	13.7	14.1	21.8	21.4	21.6
19	8.5	7.2	7.8	13.2	13.0	13.0	15.6	14.6	15.2	21.6	21.1	21.4
20	8.5	7.6	7.9	13.2	13.0	13.1	16.0	15.6	15.7	22.6	20.9	21.5
21	8.4	7.8	8.1	13.4	13.1	13.2	16.0	15.8	15.8	22.6	21.1	21.6
22	8.8	8.1	8.5	13.7	13.3	13.5	16.7	15.7	16.2	21.5	21.3	21.4
23	9.5	8.6	8.9	13.6	13.3	13.5	16.7	16.2	16.4	21.5	21.0	21.2
24	9.3	8.6	8.9	14.1	13.3	13.6	16.4	15.8	16.1	21.5	20.8	21.3
25	9.4	8.8	9.1	14.1	13.4	13.7	16.0	15.8	15.9	21.1	20.6	20.8
26	9.3	9.1	9.2	14.1	13.3	13.7	16.9	15.9	16.3	21.4	20.6	20.9
27	9.2	8.8	8.9	15.1	13.9	14.6	17.4	16.8	17.0	21.6	20.6	21.0
28	9.0	8.7	8.8	15.0	14.2	14.6	18.0	16.6	17.2	22.1	21.0	21.5
29	---	---	---	15.7	14.7	15.2	18.2	16.6	17.2	21.7	21.0	21.4
30	---	---	---	16.3	15.4	15.9	18.0	16.8	17.3	22.2	21.5	21.8
31	---	---	---	15.8	15.2	15.5	---	---	---	21.8	21.5	21.6
MONTH	9.9	5.8	7.8	16.3	8.8	12.1	18.2	12.5	15.4	23.2	16.7	20.9

SANTEE RIVER BASIN

02148000 WATEREE RIVER NEAR CAMDEN, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	22.9	21.8	22.4	26.7	26.3	26.5	28.3	26.8	27.5	30.2	27.0	29.2
2	22.6	21.6	22.1	26.3	22.1	24.5	28.3	27.1	27.6	30.2	27.6	28.7
3	21.9	21.4	21.6	26.0	25.0	25.6	28.6	26.9	27.6	29.4	27.9	28.6
4	22.1	21.5	21.7	26.8	25.4	26.1	28.3	25.7	27.4	29.5	27.9	28.6
5	23.8	21.7	22.5	27.2	25.8	26.5	28.3	27.4	27.8	29.9	27.7	28.7
6	23.2	22.3	22.7	27.7	26.3	26.9	28.8	27.6	28.2	28.5	27.1	27.7
7	22.6	22.2	22.4	27.4	25.7	26.7	28.8	27.7	28.2	27.7	26.3	26.9
8	23.3	22.4	22.9	27.9	26.8	27.3	28.8	27.6	28.3	---	---	---
9	24.5	23.0	23.7	27.8	26.5	27.2	29.0	27.7	28.2	---	---	---
10	24.4	24.0	24.2	27.7	26.6	27.3	28.7	27.6	28.2	---	---	---
11	24.5	24.2	24.3	28.0	26.6	27.4	28.8	27.8	28.3	---	---	---
12	24.5	23.9	24.3	28.3	26.9	27.5	28.6	27.7	28.1	---	---	---
13	25.0	24.0	24.4	27.7	26.9	27.3	28.9	27.8	28.2	---	---	---
14	25.2	24.3	24.8	28.2	27.2	27.6	28.8	27.9	28.3	---	---	---
15	25.7	25.0	25.3	28.5	27.3	27.9	28.8	28.1	28.4	---	---	---
16	25.8	25.3	25.5	28.6	27.7	28.1	28.8	28.2	28.5	---	---	---
17	25.6	25.0	25.2	29.0	28.0	28.5	28.9	28.1	28.5	---	---	---
18	25.6	25.0	25.3	28.7	27.7	28.1	29.3	28.2	28.8	---	---	---
19	26.2	25.2	25.6	28.8	27.6	27.9	28.9	28.1	28.5	---	---	---
20	26.4	25.7	26.1	28.1	27.2	27.6	28.8	28.0	28.4	---	---	---
21	26.6	26.0	26.3	28.1	26.9	27.5	28.9	28.0	28.4	---	---	---
22	26.9	25.4	26.3	28.1	27.4	27.7	28.9	27.7	28.3	---	---	---
23	26.9	26.0	26.4	27.8	26.4	27.3	29.0	28.4	28.6	---	---	---
24	27.0	25.5	26.3	---	---	---	28.6	28.1	28.4	---	---	---
25	27.1	25.8	26.4	28.8	26.7	27.7	29.3	27.3	28.4	---	---	---
26	26.9	25.4	26.2	28.2	27.3	27.7	29.4	27.9	28.7	---	---	---
27	27.0	25.8	26.3	29.1	27.0	27.7	30.0	28.2	28.9	---	---	---
28	26.5	25.6	26.1	29.1	26.7	27.8	29.3	28.2	28.8	---	---	---
29	27.6	25.0	26.0	29.8	27.1	28.0	29.7	27.9	28.6	---	---	---
30	26.9	25.3	26.2	28.7	26.9	27.6	29.6	27.8	28.6	---	---	---
31	---	---	---	28.2	26.7	27.5	30.2	28.0	29.1	---	---	---
MONTH	27.6	21.4	24.6	---	---	---	30.2	25.7	28.3	---	---	---

SANTEE RIVER BASIN

02148000 WATEREE RIVER NEAR CAMDEN, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	8.5	5.2	6.5	7.9	4.8	5.8	9.8	7.4	8.1	10.6	10.0	10.3
2	8.2	5.4	6.5	8.8	5.1	6.1	8.4	7.4	8.0	10.3	10.1	10.2
3	8.0	5.0	6.1	9.1	5.3	6.1	8.7	7.2	7.6	10.3	10.0	10.1
4	8.5	5.0	6.3	8.3	5.2	6.1	8.4	7.3	7.7	10.3	10.0	10.1
5	8.2	5.0	6.3	8.3	5.4	6.7	8.5	7.1	7.7	10.9	10.0	10.3
6	8.3	5.3	6.5	9.7	6.4	7.5	8.6	7.6	8.1	10.4	10.0	10.2
7	8.6	5.1	6.5	10.5	7.0	8.3	9.0	7.2	7.8	10.5	10.2	10.4
8	7.5	5.2	6.1	10.5	7.7	8.7	8.6	7.3	7.8	10.8	10.3	10.5
9	8.1	5.6	6.5	10.6	7.8	8.9	8.2	7.0	7.5	11.1	10.2	10.4
10	8.1	5.6	6.5	9.7	6.8	8.3	---	---	---	10.7	10.2	10.3
11	7.8	5.5	6.4	9.1	6.7	7.2	---	---	---	11.5	10.4	10.7
12	8.3	5.4	6.5	7.4	6.3	6.7	---	---	---	11.5	10.4	10.7
13	7.9	5.4	6.5	7.9	6.9	7.4	---	---	---	11.5	10.4	10.7
14	8.4	5.5	6.8	8.0	7.0	7.5	8.9	8.5	8.8	11.5	10.6	10.8
15	7.7	4.6	5.7	7.8	7.4	7.5	9.4	8.8	9.1	11.5	10.6	10.8
16	6.8	4.5	5.3	8.0	7.1	7.6	9.7	9.3	9.6	---	---	---
17	7.7	4.6	5.8	8.1	7.3	7.7	10.4	9.6	9.9	---	---	---
18	7.7	5.3	6.2	8.6	7.5	8.0	10.2	9.6	10.0	---	---	---
19	7.1	5.4	6.0	8.3	7.8	8.0	10.4	10.1	10.3	12.2	11.0	11.3
20	8.8	4.6	5.6	8.7	7.4	7.7	10.7	9.8	10.2	12.8	10.9	11.7
21	8.0	4.2	5.6	8.0	7.2	7.6	10.7	10.3	10.4	11.2	10.4	10.9
22	7.0	4.9	5.6	8.0	6.7	7.6	10.9	10.4	10.5	11.6	10.2	10.4
23	8.2	5.0	5.7	9.7	7.2	7.8	10.8	10.1	10.5	11.5	10.1	10.4
24	8.6	4.9	5.4	9.3	7.3	7.9	10.6	10.0	10.4	11.2	10.0	10.2
25	7.1	4.7	5.2	8.8	7.3	7.9	10.4	10.0	10.3	10.8	10.0	10.3
26	7.3	4.6	5.5	8.9	7.1	7.6	10.5	9.9	10.3	11.6	10.0	10.4
27	8.0	5.1	5.7	8.5	7.2	7.6	10.6	10.2	10.4	---	---	---
28	8.0	4.4	5.4	9.1	7.4	7.8	10.7	10.1	10.5	---	---	---
29	6.8	4.8	5.5	9.4	7.4	8.0	10.8	10.4	10.5	---	---	---
30	8.3	4.7	5.6	9.6	7.1	7.8	10.6	10.4	10.4	---	---	---
31	7.5	4.9	6.2	---	---	---	10.5	10.2	10.3	---	---	---
MONTH	8.8	4.2	6.0	10.6	4.8	7.5	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	11.9	11.1	11.3	10.9	10.5	10.7	9.4	9.2	9.3	8.2	7.9	8.0
2	11.7	11.3	11.5	10.5	10.1	10.3	9.2	9.0	9.1	9.0	7.8	8.4
3	---	---	---	10.2	10.1	10.1	9.0	8.9	9.0	8.9	8.2	8.7
4	---	---	---	10.8	10.1	10.4	8.9	8.7	8.8	8.6	8.0	8.3
5	11.3	10.9	11.2	11.0	10.8	10.9	8.8	8.6	8.7	8.2	7.4	8.0
6	11.7	11.1	11.3	10.9	10.4	10.6	8.9	8.5	8.7	8.3	7.4	7.9
7	11.9	11.2	11.5	10.5	10.3	10.4	8.7	8.5	8.6	8.4	8.1	8.2
8	12.4	11.3	11.5	10.7	10.2	10.5	8.7	8.5	8.6	8.4	8.0	8.2
9	12.8	11.3	11.5	10.5	10.3	10.4	8.9	8.7	8.8	8.7	8.2	8.4
10	12.3	11.3	11.4	10.3	10.1	10.2	9.5	8.8	9.0	8.7	7.8	8.4
11	12.7	11.2	11.5	10.2	10.0	10.2	10.6	9.5	10.2	8.5	8.3	8.4
12	11.5	11.0	11.2	10.1	9.9	10.0	11.0	10.2	10.7	9.0	8.3	8.6
13	11.3	11.0	11.1	9.9	9.5	9.8	10.7	10.1	10.6	9.1	8.1	8.6
14	11.2	10.9	11.1	9.6	9.4	9.5	10.7	10.2	10.6	8.5	8.1	8.3
15	12.0	10.9	11.1	9.7	9.2	9.4	10.5	10.1	10.3	8.3	7.7	8.0
16	11.6	10.8	11.1	9.7	9.2	9.5	10.1	10.0	10.1	8.2	7.7	8.0
17	11.7	11.2	11.3	9.3	9.0	9.1	10.1	9.9	10.0	8.1	7.5	7.7
18	11.4	10.9	11.1	9.1	9.0	9.0	9.9	9.8	9.8	8.0	7.5	7.7
19	11.9	10.9	11.2	9.3	9.0	9.1	9.8	9.7	9.8	8.2	7.5	7.8
20	11.6	10.8	11.1	9.5	9.0	9.2	9.8	9.7	9.8	8.2	6.9	7.7
21	11.0	10.7	10.8	10.4	9.2	10.0	9.8	9.2	9.4	7.7	6.8	7.1
22	11.1	10.4	10.7	10.5	10.1	10.4	9.5	9.2	9.3	7.1	6.8	6.9
23	11.2	10.4	10.7	10.4	10.1	10.2	9.6	9.3	9.5	7.7	7.0	7.2
24	11.0	10.7	10.9	10.3	10.0	10.2	9.7	9.5	9.6	8.2	7.7	8.0
25	11.1	10.8	10.9	10.2	9.5	10.1	9.6	9.3	9.5	7.8	7.6	7.7
26	11.0	10.8	10.9	10.1	9.6	9.9	9.5	9.2	9.3	8.2	7.7	8.0
27	11.2	10.9	11.1	9.8	9.6	9.8	9.5	9.2	9.4	8.5	7.9	8.2
28	11.1	10.9	11.0	9.6	9.4	9.5	9.2	8.8	9.1	8.8	8.1	8.4
29	---	---	---	9.4	9.1	9.3	8.8	8.7	8.7	8.4	8.0	8.1
30	---	---	---	9.6	9.0	9.3	8.7	7.9	8.3	8.5	8.1	8.3
31	---	---	---	9.5	9.3	9.4	---	---	---	8.2	7.7	7.9
MONTH	---	---	---	11.0	9.0	9.9	11.0	7.9	9.4	9.1	6.8	8.0

SANTEE RIVER BASIN

02148000 WATEREE RIVER NEAR CAMDEN, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	8.6	7.9	8.3	4.9	4.2	4.5	5.6	4.3	5.1	5.0	3.4	4.2
2	8.2	7.6	8.0	---	---	---	6.3	4.0	5.1	5.6	3.9	4.6
3	7.6	7.2	7.4	---	---	---	5.6	4.2	4.7	4.9	3.6	4.2
4	7.4	7.2	7.3	---	---	---	5.8	3.8	5.0	4.7	3.6	4.1
5	7.3	6.6	7.0	---	---	---	6.5	4.8	5.8	5.9	3.8	5.0
6	7.4	6.7	7.1	---	---	---	6.4	5.2	5.8	6.3	4.2	4.8
7	6.7	6.3	6.5	---	---	---	6.4	4.7	5.5	6.5	5.2	5.6
8	6.6	6.3	6.5	6.0	5.6	5.8	6.0	4.9	5.5	---	---	---
9	7.4	6.5	6.8	5.6	5.2	5.4	6.1	4.6	5.1	---	---	---
10	7.2	6.8	7.0	6.0	5.2	5.5	5.1	4.2	4.7	---	---	---
11	7.2	6.7	6.9	6.8	5.5	5.8	6.3	4.9	5.4	---	---	---
12	7.0	6.5	6.7	5.9	5.1	5.5	6.2	4.7	5.3	---	---	---
13	6.7	6.1	6.5	5.5	4.6	5.0	5.8	4.8	5.2	---	---	---
14	7.0	6.6	6.8	5.5	4.7	5.0	5.5	4.9	5.3	---	---	---
15	6.9	6.5	6.8	5.8	5.2	5.6	5.7	5.0	5.4	---	---	---
16	6.9	6.5	6.7	5.9	5.4	5.7	5.4	4.7	5.2	---	---	---
17	6.5	6.1	6.3	6.2	5.7	6.0	5.4	4.6	5.0	---	---	---
18	6.3	6.0	6.2	5.9	5.5	5.7	5.5	4.6	5.1	---	---	---
19	6.8	6.0	6.2	6.1	5.6	5.8	5.0	4.4	4.8	---	---	---
20	6.7	6.1	6.4	5.8	5.2	5.6	5.0	4.4	4.7	---	---	---
21	6.8	6.1	6.4	5.5	5.0	5.2	5.2	4.7	5.0	---	---	---
22	6.9	6.0	6.5	5.6	5.0	5.3	5.6	4.4	5.2	---	---	---
23	6.8	6.1	6.5	5.8	5.1	5.4	5.7	5.3	5.6	---	---	---
24	6.6	5.7	6.2	---	---	---	5.4	4.6	5.0	---	---	---
25	6.2	5.6	6.0	6.2	5.0	5.7	5.2	4.2	4.7	---	---	---
26	5.7	5.2	5.5	5.8	4.8	5.3	5.4	4.3	4.9	---	---	---
27	5.6	5.0	5.2	5.9	4.5	5.0	5.2	4.3	4.7	---	---	---
28	5.6	4.9	5.2	6.1	4.3	5.2	4.8	3.8	4.4	---	---	---
29	5.5	4.4	5.0	6.5	4.9	5.6	4.5	3.4	3.9	---	---	---
30	5.1	4.3	4.7	6.5	4.8	5.5	4.6	3.1	3.8	---	---	---
31	---	---	---	5.8	4.2	4.8	4.4	3.1	3.9	---	---	---
MONTH	8.6	4.3	6.5	---	---	---	6.5	3.1	5.0	---	---	---

SANTEE RIVER BASIN

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

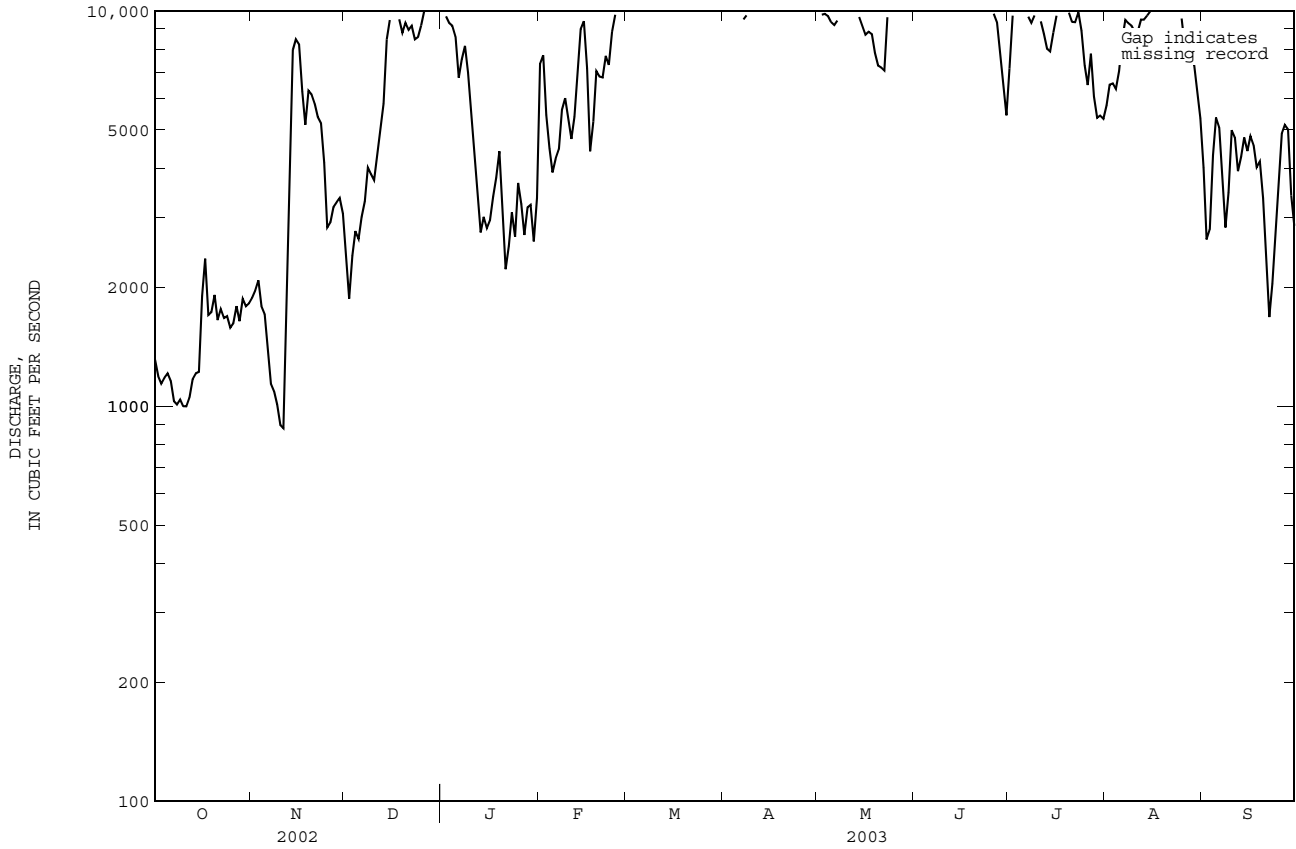
SUMMARY STATISTICS

FOR 2003 WATER YEAR

WATER YEARS 1968 - 2003

LOWEST DAILY MEAN	879	Nov 11	549	Oct 22 1986
MAXIMUM PEAK FLOW	Unknown	Mar 24	Unknown	Oct 6 1989
MAXIMUM PEAK STAGE	15.31	Mar 24	17.98	Oct 6 1989

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. 14 to Dec. 20, and Jan. 7, which are good, and Dec. 21 to Jan. 6, and Aug. 30 to Sep. 25, which are poor. pH records rated excellent except for Oct. 1-10, Jan. 6, 7, and Jan. 17 to Feb. 11, which are good, Oct. 10 to Nov. 13, which are fair, and Nov. 13 to Dec. 20, which are poor. Temperature records rated excellent. Dissolved oxygen records rated excellent except for Aug. 15-29, and Sep. 11-25, which are good, May 23 to June 5, June 24 to July 9, July 25 to Aug. 15, and Sep. 26-30, which are fair, and Oct. 1 to Nov. 1, Dec. 21 to Jan. 17, and Apr. 15 to May 23, which are poor.

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, 341 microsiemens, Oct. 7, 10; minimum, 58 microsiemens, July 3.

pH: Maximum, 7.6 units, Oct. 5, Nov. 1, 2, Dec. 17; minimum, 6.5 units, May 4-8, July 3, 4, 7.

WATER TEMPERATURE: Maximum, 29.8, Aug. 28, 30, 31, Sep. 1; minimum, 4.2°C, Jan. 25.

DISSOLVED OXYGEN: Maximum, 11.9 mg/L, Jan. 16, 31, Feb. 1; minimum, 3.4 mg/L, Apr. 23.

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	318	310	314	293	290	291	260	249	254	165	151	160
2	---	---	---	---	---	---	266	252	262	151	140	145
3	---	---	---	---	---	---	252	247	251	---	---	---
4	---	---	---	299	293	297	248	245	246	---	---	---
5	---	---	---	300	294	297	249	239	245	---	---	---
6	338	332	334	310	300	305	240	234	237	---	---	---
7	---	---	---	313	306	311	239	226	234	148	142	144
8	---	---	---	316	310	313	230	225	227	148	139	144
9	---	---	---	322	314	318	226	223	225	150	147	148
10	---	---	---	325	317	322	226	221	223	160	150	154
11	330	327	328	318	283	311	221	211	215	163	159	161
12	330	320	326	288	276	281	215	195	210	175	163	167
13	333	324	329	278	244	256	212	199	206	179	172	176
14	327	320	324	246	243	244	201	190	197	173	166	169
15	321	314	318	245	241	243	190	182	185	173	168	171
16	319	270	299	245	242	243	191	188	189	---	---	---
17	293	271	284	244	241	242	198	191	195	---	---	---
18	308	293	302	242	222	237	199	193	195	168	166	167
19	308	289	298	240	234	238	209	194	202	166	163	165
20	298	292	296	246	234	239	210	207	208	164	144	156
21	309	295	302	247	228	234	208	202	204	144	139	140
22	297	285	293	241	221	230	202	197	200	170	139	141
23	---	---	---	243	228	236	197	190	193	171	159	169
24	296	292	294	250	228	243	191	184	188	168	140	146
25	304	292	298	258	249	253	185	179	181	169	165	167
26	314	289	296	256	243	249	180	165	171	165	152	163
27	298	289	293	251	243	248	168	163	166	159	141	146
28	---	---	---	253	240	246	167	166	166	166	159	164
29	---	---	---	248	242	245	166	162	165	167	147	160
30	---	---	---	250	244	247	166	156	160	147	141	142
31	300	290	294	---	---	---	168	165	167	162	141	149
MONTH	---	---	---	---	---	---	266	156	205	---	---	---

SANTEE RIVER BASIN

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	162	156	158	151	150	150	100	99	100	---	---	---
2	156	154	155	151	149	150	100	99	99	98	97	97
3	155	152	153	151	150	150	100	99	100	98	97	98
4	156	152	154	151	150	150	100	99	100	99	97	98
5	154	151	153	151	150	150	100	99	100	99	97	98
6	156	154	155	151	150	151	101	100	100	99	97	98
7	157	155	156	151	148	150	100	99	100	112	97	99
8	157	156	157	148	136	143	100	99	99	112	92	99
9	158	155	157	136	121	130	100	99	99	98	92	94
10	156	156	156	132	130	130	100	99	99	99	96	97
11	157	155	156	132	130	131	99	99	99	99	97	98
12	159	152	156	135	132	133	99	98	99	101	98	100
13	153	152	152	136	135	135	99	98	99	101	100	101
14	153	152	152	137	135	136	100	99	99	103	100	102
15	153	152	152	138	136	137	100	99	100	103	102	102
16	153	152	152	138	137	138	100	99	100	104	103	103
17	152	151	152	139	138	139	101	99	100	103	102	102
18	154	147	151	139	139	139	100	100	100	103	102	102
19	148	147	148	139	139	139	100	99	100	106	103	104
20	149	148	148	140	139	140	100	99	99	107	105	106
21	150	149	149	140	139	140	100	99	100	108	105	106
22	151	150	150	140	139	139	100	99	100	109	99	105
23	151	150	150	139	138	139	100	100	100	---	---	---
24	151	150	150	138	113	130	100	99	100	106	102	104
25	151	150	150	128	107	118	100	100	100	106	102	104
26	151	150	150	115	99	110	100	99	99	106	105	105
27	151	150	150	109	93	103	100	99	99	105	98	103
28	151	150	151	106	86	100	100	99	99	103	100	102
29	---	---	---	102	96	100	100	99	99	100	97	99
30	---	---	---	101	99	100	---	---	---	97	95	96
31	---	---	---	100	99	99	---	---	---	96	95	96
MONTH	162	147	153	151	86	132	---	---	---	---	---	---

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	96	95	96	108	95	102	116	108	112	114	104	108
2	96	95	96	95	90	92	112	108	109	129	114	123
3	96	95	96	91	58	83	109	108	109	129	114	124
4	95	95	95	81	60	76	114	109	111	114	90	100
5	95	91	93	84	81	82	114	101	109	90	80	84
6	91	90	91	85	78	81	107	102	105	81	79	80
7	91	89	91	90	78	84	106	103	105	80	73	77
8	90	89	90	92	83	88	106	103	104	93	77	81
9	91	89	90	---	---	---	107	103	105	---	---	---
10	93	91	92	---	---	---	108	106	107	---	---	---
11	95	92	93	---	---	---	111	105	108	---	---	---
12	95	94	95	---	---	---	113	110	112	114	110	112
13	95	94	94	---	---	---	113	111	112	115	94	108
14	95	93	94	---	---	---	116	113	114	112	95	106
15	95	94	95	109	97	103	114	111	112	116	95	111
16	94	92	93	109	108	108	111	108	109	96	61	86
17	93	91	91	111	109	110	109	106	107	71	66	69
18	91	90	91	112	109	110	109	106	108	79	69	71
19	91	90	90	109	108	109	109	105	107	76	66	70
20	91	90	90	109	107	108	110	109	110	73	67	70
21	90	88	89	108	105	106	109	107	108	84	73	78
22	90	89	90	106	104	105	109	107	108	114	84	100
23	95	90	92	106	103	105	107	103	105	---	---	---
24	96	95	96	103	99	101	104	103	103	---	---	---
25	98	89	95	111	101	106	104	102	103	---	---	---
26	98	97	98	113	108	111	104	91	97	128	123	125
27	98	97	98	108	105	106	108	92	98	127	122	124
28	103	98	100	117	107	112	109	104	108	128	123	126
29	107	103	104	118	115	116	106	104	105	136	128	134
30	110	106	108	117	94	111	109	104	106	144	136	140
31	---	---	---	116	111	113	106	101	103	---	---	---
MONTH	110	88	94	---	---	---	116	91	107	---	---	---

SANTEE RIVER BASIN

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

pH, water, unfiltered, field, standard units
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	7.3	7.2	7.6	7.3	7.3	7.3	7.1	7.0	7.3	7.3	7.1	7.1
2	7.3	7.2	7.6	7.4	7.3	7.3	7.0	6.8	7.3	7.3	7.1	7.1
3	7.4	7.2	7.5	7.3	7.4	7.3	7.0	6.9	7.3	7.2	7.1	7.1
4	7.4	7.2	7.5	7.4	7.4	7.3	7.1	7.0	7.3	7.2	7.1	7.1
5	7.6	7.3	7.5	7.3	7.4	7.4	7.1	6.9	7.3	7.2	7.2	7.1
6	7.4	7.3	7.4	7.3	7.4	7.4	7.2	6.9	7.2	7.2	7.2	7.1
7	7.4	7.3	7.3	7.2	7.4	7.4	7.2	7.2	7.3	7.2	7.2	7.1
8	7.3	7.3	7.3	7.2	7.4	7.3	7.2	7.1	7.3	7.2	7.1	7.1
9	7.3	7.3	7.2	7.2	7.4	7.3	7.1	7.1	7.3	7.2	7.1	7.0
10	7.4	7.3	7.2	7.2	7.4	7.4	7.1	7.1	7.2	7.2	7.0	6.9
11	7.4	7.3	7.2	7.2	7.4	7.4	7.1	7.1	7.2	7.1	6.9	6.8
12	7.4	7.3	7.2	7.1	7.4	7.4	7.1	7.1	7.3	7.2	6.9	6.8
13	7.4	7.3	7.1	7.0	7.4	7.3	7.1	7.1	7.2	7.2	6.8	6.8
14	7.4	7.3	7.2	7.0	7.4	7.2	7.2	7.1	7.2	7.1	6.8	6.8
15	7.4	7.4	7.2	7.1	7.4	7.3	7.2	7.1	7.1	7.1	6.8	6.8
16	7.4	7.3	7.2	7.1	7.5	7.3	---	---	7.1	7.1	6.8	6.8
17	7.4	7.2	7.1	7.1	7.6	7.4	---	---	7.1	7.1	6.8	6.6
18	7.4	7.3	7.2	7.1	7.4	7.1	7.3	7.3	7.1	7.1	6.7	6.7
19	7.4	7.3	7.2	7.2	7.2	7.0	7.3	7.3	7.1	7.1	6.7	6.6
20	7.4	7.3	7.3	7.2	7.1	7.0	7.3	7.3	7.1	7.0	6.7	6.6
21	7.4	7.4	---	---	7.1	7.0	7.3	7.2	7.0	7.0	6.7	6.6
22	7.4	7.4	---	---	7.1	7.1	7.3	7.2	7.0	7.0	6.7	6.7
23	---	---	---	---	7.1	7.0	7.3	7.2	7.1	7.0	6.7	6.7
24	7.4	7.3	---	---	7.1	7.0	7.3	7.2	7.1	7.0	6.7	6.7
25	7.4	7.3	---	---	7.1	7.0	7.3	7.2	7.0	7.0	6.7	6.7
26	7.4	7.3	---	---	7.0	7.0	7.3	7.2	7.0	7.0	6.7	6.7
27	7.4	7.3	7.2	7.1	7.0	7.0	7.2	7.2	7.1	7.0	6.7	6.7
28	7.4	7.3	7.2	7.1	7.0	7.0	7.2	7.2	7.1	7.1	6.7	6.7
29	7.4	7.3	7.2	7.2	7.0	6.9	7.3	7.2	---	---	6.7	6.6
30	7.3	7.2	7.3	7.2	7.0	6.8	7.3	7.2	---	---	6.6	6.6
31	7.4	7.3	---	---	7.1	7.0	7.3	7.2	---	---	6.6	6.6
MONTH	---	---	---	---	7.6	6.8	---	---	7.3	7.0	7.2	6.6

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	6.6	6.6	---	---	6.9	6.9	6.8	6.8	6.8	6.7	6.8	6.7
2	6.6	6.6	6.6	6.6	7.0	6.9	6.9	6.8	6.8	6.7	6.8	6.7
3	6.6	6.6	6.6	6.6	7.0	6.9	6.9	6.5	6.8	6.8	6.8	6.7
4	6.6	6.6	6.6	6.5	6.9	6.8	6.7	6.5	6.8	6.8	6.8	6.8
5	6.6	6.6	6.5	6.5	6.9	6.8	6.7	6.7	6.8	6.7	6.9	6.8
6	6.6	6.6	6.5	6.5	6.8	6.7	6.7	6.6	6.8	6.8	6.8	6.8
7	6.6	6.6	6.8	6.5	6.9	6.7	6.6	6.5	6.8	6.8	6.8	6.8
8	6.7	6.6	7.0	6.5	6.9	6.8	6.7	6.6	6.8	6.7	6.8	6.8
9	6.6	6.6	7.0	6.6	6.9	6.8	---	---	6.8	6.7	6.8	6.7
10	6.6	6.6	7.0	6.6	6.9	6.8	---	---	6.8	6.7	6.8	6.8
11	6.6	6.6	7.0	6.9	6.9	6.8	---	---	6.8	6.8	6.9	6.8
12	6.7	6.6	6.9	6.9	6.8	6.8	---	---	6.8	6.8	6.9	6.8
13	6.7	6.6	7.0	6.9	6.8	6.7	---	---	6.8	6.8	6.9	6.8
14	6.7	6.6	7.0	6.8	6.7	6.6	---	---	6.8	6.8	6.9	6.8
15	6.7	6.7	7.0	6.9	6.8	6.7	6.8	6.8	6.9	6.8	6.9	6.9
16	6.7	6.7	7.0	6.8	6.9	6.8	6.9	6.8	6.8	6.8	6.9	6.9
17	6.7	6.6	7.0	7.0	6.9	6.8	6.9	6.8	6.8	6.8	7.0	6.9
18	6.6	6.6	7.0	7.0	6.8	6.8	6.9	6.8	6.8	6.7	6.9	6.9
19	6.6	6.6	7.0	6.9	6.8	6.8	6.9	6.8	6.8	6.7	7.0	6.9
20	6.6	6.6	7.0	6.9	6.8	6.8	6.8	6.8	6.8	6.8	6.9	6.9
21	6.6	6.6	7.2	6.9	6.8	6.8	6.8	6.7	6.8	6.7	6.9	6.9
22	6.6	6.6	7.2	6.8	6.8	6.7	6.8	6.7	6.8	6.8	6.9	6.9
23	6.6	6.6	7.0	7.0	6.8	6.7	6.8	6.8	6.8	6.7	6.9	6.9
24	6.6	6.6	7.0	7.0	6.8	6.7	6.8	6.6	6.8	6.8	7.0	6.9
25	6.6	6.6	7.0	7.0	6.7	6.7	6.6	6.6	6.8	6.6	7.1	6.9
26	6.6	6.6	7.0	6.8	6.8	6.7	6.7	6.6	6.7	6.6	7.1	7.1
27	6.6	6.6	6.8	6.8	6.8	6.7	6.8	6.7	6.8	6.7	7.1	7.0
28	6.7	6.6	6.8	6.8	6.8	6.7	6.8	6.7	6.8	6.8	7.0	7.0
29	6.7	6.6	6.9	6.8	6.7	6.7	6.8	6.7	6.8	6.7	7.0	7.0
30	---	---	6.9	6.9	6.8	6.7	6.8	6.7	6.7	6.7	7.1	7.0
31	---	---	6.9	6.9	---	---	6.8	6.7	6.8	6.7	---	---
MONTH	---	---	---	---	7.0	6.6	---	---	6.9	6.6	7.1	6.7

SANTEE RIVER BASIN

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	26.9	25.1	26.0	18.3	17.6	18.0	11.6	10.9	11.2	9.2	8.7	8.9
2	27.3	25.5	26.4	17.9	17.1	17.5	10.9	10.1	10.6	9.2	9.0	9.1
3	27.6	25.8	26.7	17.3	16.8	17.1	10.9	9.9	10.4	9.0	8.6	8.8
4	27.9	26.4	27.2	17.2	16.4	16.6	10.9	10.1	10.4	8.6	8.3	8.4
5	28.3	26.7	27.6	16.7	16.2	16.4	10.2	9.4	9.7	8.3	8.0	8.1
6	28.2	26.7	27.5	17.5	16.5	17.1	9.8	9.1	9.5	8.5	7.9	8.1
7	28.3	26.9	27.6	16.7	15.7	16.2	10.0	9.0	9.6	8.2	7.9	8.0
8	27.5	24.5	26.0	15.8	14.6	15.3	9.9	9.5	9.7	7.9	7.6	7.7
9	24.5	22.6	23.3	15.9	14.7	15.4	9.9	9.2	9.6	8.4	7.9	8.1
10	23.2	21.9	22.6	17.5	15.7	16.5	9.6	9.2	9.4	9.5	8.4	9.0
11	23.5	22.7	23.1	18.3	17.5	18.0	9.6	9.1	9.4	9.3	8.7	9.0
12	24.5	22.9	23.6	18.9	18.3	18.5	9.5	9.3	9.4	9.0	7.8	8.1
13	24.4	23.7	24.1	18.4	17.0	17.6	9.4	9.2	9.3	7.8	7.3	7.5
14	24.2	22.2	23.2	17.0	16.6	16.7	9.5	9.2	9.4	7.4	6.6	7.1
15	22.2	20.3	21.2	16.7	16.2	16.4	9.2	8.8	8.9	7.5	6.8	7.2
16	---	---	---	16.8	16.4	16.6	8.9	8.4	8.6	---	---	---
17	---	---	---	16.8	15.8	16.4	8.7	8.2	8.4	---	---	---
18	21.9	20.5	21.2	15.8	15.0	15.2	8.5	8.2	8.3	7.4	6.4	6.9
19	20.5	19.3	20.0	15.1	14.7	14.9	8.4	8.2	8.3	6.8	6.1	6.4
20	21.2	19.6	20.5	14.9	14.7	14.8	9.2	8.4	8.8	7.0	6.0	6.4
21	21.3	20.9	21.1	15.1	14.7	15.0	9.0	8.5	8.8	8.5	7.0	7.6
22	21.3	20.9	21.1	15.0	14.4	14.8	8.5	8.1	8.3	8.6	8.4	8.5
23	---	---	---	14.4	13.5	14.0	8.6	8.3	8.5	8.6	6.8	8.0
24	20.5	19.9	20.1	13.7	13.2	13.4	8.7	8.4	8.6	6.8	5.4	5.8
25	19.9	19.6	19.8	13.3	12.4	12.9	8.6	8.4	8.5	5.4	4.2	4.8
26	19.9	19.3	19.6	13.7	12.4	13.1	8.4	8.1	8.3	6.3	4.9	5.6
27	20.7	19.8	20.2	13.7	12.8	13.2	8.2	7.8	8.0	6.3	5.9	6.1
28	21.7	20.7	21.2	13.0	11.9	12.3	8.2	7.8	8.0	6.4	5.6	6.2
29	21.6	20.6	21.1	11.9	11.4	11.7	8.3	7.9	8.1	7.1	5.7	6.4
30	20.6	19.3	19.9	11.7	10.7	11.3	8.6	7.9	8.2	7.7	7.1	7.3
31	19.3	18.3	18.7	---	---	---	8.8	8.4	8.6	7.8	7.4	7.6
MONTH	---	---	---	18.9	10.7	15.4	11.6	7.8	9.1	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	7.4	6.5	6.8	8.8	8.6	8.7	15.5	15.0	15.2	---	---	---
2	7.3	6.6	6.9	9.4	8.8	9.0	16.0	15.2	15.6	19.1	18.8	18.9
3	8.2	7.2	7.6	9.8	9.3	9.5	16.6	15.8	16.1	19.0	18.6	18.8
4	9.4	8.0	8.6	10.0	9.5	9.7	16.8	16.2	16.5	19.5	18.7	19.1
5	9.3	8.3	8.8	10.2	9.8	10.0	16.9	16.5	16.8	19.4	19.0	19.2
6	9.1	7.7	8.5	10.2	10.0	10.1	16.9	16.6	16.7	19.0	18.8	18.9
7	7.8	7.2	7.5	10.0	9.6	9.8	16.7	16.1	16.5	19.9	18.8	19.2
8	7.6	7.1	7.3	10.2	9.6	9.9	16.1	15.4	15.7	21.0	19.9	20.3
9	7.9	7.4	7.6	10.7	10.2	10.4	15.6	15.3	15.5	21.7	20.8	21.2
10	8.3	7.8	8.0	11.2	10.5	10.8	15.3	14.6	14.9	22.4	21.5	21.9
11	8.3	7.6	8.0	11.9	11.0	11.4	14.6	14.1	14.3	22.8	22.0	22.4
12	8.2	7.6	7.9	12.3	11.6	11.9	14.6	14.0	14.2	22.6	22.0	22.4
13	8.0	7.8	7.9	12.6	12.2	12.4	15.2	14.1	14.6	22.5	21.8	22.2
14	7.9	7.5	7.6	12.6	12.2	12.4	15.2	14.7	15.0	22.4	22.2	22.3
15	8.3	7.7	7.9	12.2	11.7	11.8	15.6	14.9	15.2	22.4	21.6	22.0
16	8.4	8.2	8.4	12.1	12.0	12.0	15.7	15.2	15.5	21.9	21.6	21.7
17	8.2	7.5	7.9	12.7	11.9	12.3	16.0	15.4	15.7	22.1	21.9	22.0
18	7.5	6.9	7.2	13.1	12.7	12.9	16.0	15.7	15.8	22.1	21.5	21.9
19	7.8	7.1	7.5	13.5	13.1	13.3	15.7	14.8	15.1	21.5	20.7	21.2
20	8.3	7.8	8.0	13.8	13.5	13.6	15.9	14.8	15.3	21.3	20.5	20.9
21	8.8	8.3	8.6	14.4	13.7	13.9	16.2	15.8	16.0	22.1	21.2	21.7
22	9.2	8.7	8.9	14.8	14.2	14.5	16.9	16.2	16.5	22.6	21.8	22.3
23	10.0	9.2	9.6	15.5	14.8	15.1	16.9	16.4	16.7	21.9	21.4	21.6
24	9.9	9.0	9.4	15.4	14.7	15.1	17.1	16.6	16.8	21.6	21.2	21.4
25	9.7	9.2	9.5	15.5	14.7	15.1	17.0	16.6	16.7	22.2	21.5	21.8
26	9.7	9.4	9.5	15.7	15.2	15.4	16.9	16.4	16.6	22.0	21.7	21.8
27	9.4	8.8	8.9	15.7	15.4	15.6	17.3	16.7	17.0	21.7	21.4	21.6
28	8.8	8.6	8.7	16.0	15.3	15.7	18.0	17.2	17.5	21.7	21.3	21.5
29	---	---	---	16.4	15.7	16.0	18.2	17.7	18.0	21.9	21.5	21.7
30	---	---	---	16.4	15.5	16.0	---	---	---	21.9	21.6	21.8
31	---	---	---	15.5	14.9	15.1	---	---	---	22.4	21.6	21.9
MONTH	10.0	6.5	8.2	16.4	8.6	12.6	---	---	---	---	---	---

SANTEE RIVER BASIN

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

Temperature, water, degrees Celsius
 WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	22.4	22.0	22.2	26.8	25.8	26.4	28.3	27.1	27.7	29.8	28.7	29.2
2	22.6	21.6	22.2	26.4	26.0	26.2	28.4	27.9	28.2	29.2	28.4	28.7
3	22.6	22.3	22.4	26.6	24.4	26.0	28.5	27.8	28.1	28.7	27.8	28.3
4	22.3	21.9	22.1	26.6	24.5	25.8	28.5	27.9	28.2	29.1	28.0	28.5
5	22.8	22.1	22.4	26.9	26.4	26.6	28.2	27.8	28.0	28.8	28.4	28.6
6	22.7	22.4	22.6	27.1	26.6	26.9	28.0	27.8	27.9	28.4	27.5	28.0
7	23.3	22.6	23.1	27.7	26.9	27.3	28.4	27.8	28.1	27.5	26.7	27.1
8	23.3	22.6	22.9	27.9	27.4	27.6	28.4	28.1	28.3	26.7	24.9	25.7
9	23.9	22.9	23.3	---	---	---	28.9	28.1	28.5	25.5	24.3	24.9
10	24.4	23.5	23.9	---	---	---	28.8	28.3	28.5	26.6	25.5	26.2
11	24.9	24.4	24.6	---	---	---	28.4	28.1	28.3	26.5	25.9	26.2
12	25.1	24.4	24.8	---	---	---	28.5	28.2	28.4	25.9	25.2	25.4
13	25.0	24.6	24.8	---	---	---	28.5	28.3	28.4	26.1	24.7	25.4
14	25.3	24.6	24.9	---	---	---	28.9	28.4	28.7	26.9	25.6	26.3
15	25.6	24.8	25.2	27.9	27.0	27.4	29.0	28.6	28.8	27.4	26.1	26.7
16	25.9	25.5	25.7	28.6	27.8	28.1	29.0	28.4	28.6	27.2	26.4	26.8
17	25.9	25.4	25.6	28.6	28.1	28.4	28.7	28.2	28.4	26.5	25.7	26.2
18	25.6	25.4	25.5	28.5	28.1	28.3	28.5	28.0	28.4	25.7	24.7	25.1
19	25.8	25.2	25.5	28.4	27.8	28.1	29.0	28.0	28.5	25.5	24.2	24.9
20	26.0	25.4	25.7	27.8	27.6	27.8	29.0	28.5	28.7	25.3	24.2	24.9
21	26.1	25.8	25.9	28.1	27.5	27.8	28.8	28.3	28.5	25.5	24.6	25.1
22	25.8	25.4	25.6	28.2	27.8	28.0	29.0	28.4	28.7	25.6	25.0	25.3
23	26.1	25.4	25.7	28.1	27.2	27.6	28.8	28.3	28.5	25.9	24.8	25.3
24	26.5	26.0	26.2	27.2	26.8	27.0	28.6	28.3	28.4	25.7	24.9	25.4
25	27.0	25.9	26.4	27.7	26.8	27.3	28.5	28.0	28.2	25.8	24.6	25.2
26	27.3	26.6	26.9	28.1	27.3	27.6	29.0	28.0	28.5	25.4	24.4	24.9
27	27.4	26.9	27.1	28.2	27.8	28.0	29.5	28.8	29.2	25.3	24.7	25.0
28	27.0	26.6	26.9	28.6	27.6	28.1	29.8	29.2	29.5	25.3	24.9	25.1
29	26.8	26.4	26.6	29.0	27.8	28.4	29.7	29.4	29.6	24.9	24.0	24.5
30	26.6	26.1	26.4	29.1	28.1	28.5	29.8	29.2	29.4	24.0	22.8	23.2
31	---	---	---	28.3	27.5	27.9	29.8	29.0	29.3	---	---	---
MONTH	27.4	21.6	24.8	---	---	---	29.8	27.1	28.5	29.8	22.8	26.1

SANTEE RIVER BASIN

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	6.5	6.1	6.3	8.1	7.9	8.0	8.8	8.6	8.7	8.6	8.4	8.5
2	6.6	6.1	6.3	8.2	8.0	8.1	8.9	8.6	8.7	8.4	7.9	8.1
3	6.7	5.9	6.1	8.3	8.1	8.1	9.2	8.9	9.1	---	---	---
4	6.4	5.6	6.0	8.2	8.1	8.1	9.1	8.9	9.0	---	---	---
5	6.7	5.7	6.1	8.3	8.1	8.2	9.2	8.9	9.1	---	---	---
6	6.4	5.6	6.0	8.1	7.9	8.0	9.3	9.2	9.2	---	---	---
7	6.3	5.5	5.9	8.2	8.0	8.1	9.3	9.1	9.2	---	---	---
8	6.4	6.0	6.2	8.5	8.2	8.3	9.3	9.0	9.1	---	---	---
9	6.9	6.4	6.6	8.5	8.3	8.4	9.3	9.1	9.2	10.9	10.6	10.7
10	6.9	6.5	6.7	8.3	7.9	8.1	9.3	9.1	9.2	10.6	10.5	10.6
11	6.8	6.4	6.6	7.9	7.7	7.8	9.3	9.1	9.2	10.6	10.5	10.5
12	6.7	6.3	6.5	7.9	7.6	7.8	9.1	8.9	9.0	10.9	10.6	10.8
13	6.4	6.3	6.3	8.0	6.9	7.5	9.2	8.9	9.0	11.2	10.8	10.9
14	6.7	6.3	6.5	7.3	6.9	7.2	8.9	8.6	8.8	11.7	11.2	11.5
15	6.9	6.6	6.8	7.5	7.3	7.4	9.0	8.9	9.0	11.6	11.4	11.5
16	7.3	6.9	7.1	7.5	7.3	7.4	9.2	8.9	9.1	---	---	---
17	7.1	6.1	6.4	7.3	7.1	7.2	9.3	9.1	9.2	---	---	---
18	6.9	6.5	6.7	7.8	7.1	7.5	9.3	8.9	9.1	11.1	10.9	11.0
19	7.3	6.9	7.2	7.9	7.7	7.8	9.5	9.0	9.3	11.1	10.9	11.0
20	7.4	7.0	7.2	8.4	7.9	8.1	9.4	9.1	9.3	11.2	11.0	11.1
21	7.2	7.0	7.2	8.0	7.9	8.0	9.2	9.1	9.1	11.1	10.9	11.0
22	7.2	7.0	7.1	8.0	7.8	7.9	9.3	9.2	9.3	10.9	10.5	10.7
23	---	---	---	8.2	7.9	8.1	9.4	9.2	9.2	10.9	10.6	10.7
24	7.6	7.3	7.5	8.2	8.0	8.2	9.4	9.3	9.3	10.8	10.3	10.6
25	7.6	7.4	7.5	8.2	8.0	8.1	9.3	9.2	9.3	11.8	10.8	11.1
26	7.7	7.4	7.6	8.4	8.1	8.3	9.2	9.1	9.1	11.7	10.6	11.5
27	7.8	7.2	7.5	8.4	8.1	8.3	9.1	9.0	9.1	10.9	10.3	10.6
28	7.5	7.1	7.3	8.5	8.2	8.3	9.1	9.0	9.1	11.4	10.8	11.1
29	7.6	7.2	7.3	8.6	8.4	8.5	9.0	8.6	8.9	11.6	10.9	11.2
30	7.6	7.2	7.3	8.9	8.5	8.7	8.8	8.5	8.6	11.6	10.1	10.5
31	8.0	7.5	7.8	---	---	---	8.8	8.6	8.7	11.9	10.0	11.0
MONTH	---	---	---	8.9	6.9	8.0	9.5	8.5	9.1	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	11.9	11.7	11.8	9.9	9.7	9.8	5.1	4.8	5.0	---	---	---
2	11.8	11.4	11.6	10.1	9.9	10.0	5.0	4.8	4.9	---	---	---
3	11.5	11.1	11.3	10.2	10.1	10.2	5.0	4.7	4.8	---	---	---
4	11.2	10.8	11.0	10.2	10.2	10.2	4.8	4.5	4.6	---	---	---
5	10.9	10.5	10.7	10.3	10.2	10.3	4.6	4.3	4.4	---	---	---
6	10.6	10.2	10.4	10.2	10.2	10.2	4.3	4.1	4.2	---	---	---
7	11.0	9.9	10.4	10.2	10.2	10.2	4.9	3.9	4.2	---	---	---
8	11.1	10.5	10.8	10.2	10.1	10.2	5.1	4.8	5.0	---	---	---
9	10.9	10.4	10.7	10.1	9.5	9.7	4.9	4.6	4.8	---	---	---
10	10.4	9.9	10.1	9.5	8.2	8.8	4.8	4.7	4.7	7.6	5.7	7.1
11	10.3	9.9	10.0	8.2	7.5	7.9	4.7	4.5	4.6	7.4	6.6	7.0
12	10.7	10.2	10.4	7.7	7.3	7.5	4.9	4.4	4.5	7.1	6.8	7.0
13	10.6	10.2	10.4	7.4	6.6	7.1	4.9	4.6	4.7	7.3	7.0	7.2
14	10.2	9.8	9.9	6.8	6.4	6.6	4.8	4.2	4.6	7.5	6.8	7.2
15	9.8	9.4	9.6	6.5	6.0	6.2	4.5	4.3	4.4	7.5	7.1	7.4
16	9.4	9.2	9.3	6.1	5.8	5.9	4.4	4.3	4.3	7.5	6.8	7.1
17	9.5	9.3	9.4	5.8	4.9	5.4	4.4	4.2	4.3	7.4	7.0	7.2
18	10.4	9.5	9.9	4.9	4.8	4.8	4.3	4.0	4.2	7.2	7.0	7.2
19	10.2	9.9	10.1	4.8	4.4	4.6	4.4	3.9	4.2	7.2	6.8	7.0
20	9.9	9.7	9.8	4.7	4.2	4.4	4.3	4.1	4.2	7.4	6.8	7.1
21	9.7	9.6	9.6	5.2	4.3	4.7	4.2	4.0	4.1	---	---	---
22	9.7	9.5	9.6	5.2	4.9	5.0	4.0	3.7	3.8	---	---	---
23	9.7	9.4	9.6	5.1	4.8	4.9	3.7	3.4	3.6	---	---	---
24	9.7	9.6	9.7	7.0	4.8	5.5	4.3	3.5	4.1	6.7	6.5	6.6
25	9.6	9.4	9.6	7.2	5.7	6.3	4.3	3.9	4.1	7.0	6.6	6.9
26	9.5	9.4	9.4	6.7	6.2	6.4	4.3	4.0	4.2	6.9	6.1	6.5
27	9.6	9.4	9.5	7.1	6.1	6.5	4.4	4.0	4.2	6.3	6.1	6.2
28	9.7	9.6	9.6	7.4	6.0	6.3	4.3	4.0	4.2	6.6	6.2	6.4
29	---	---	---	6.2	5.6	5.9	4.2	3.8	4.0	6.8	6.3	6.6
30	---	---	---	5.7	5.4	5.5	---	---	---	6.8	6.7	6.7
31	---	---	---	5.6	5.1	5.4	---	---	---	6.9	6.7	6.8
MONTH	11.9	9.2	10.2	10.3	4.2	7.2	---	---	---	---	---	---

SANTEE RIVER BASIN

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	6.9	6.7	6.8	5.8	5.6	5.7	6.0	5.7	5.9	5.4	5.3	5.4
2	7.1	6.8	6.9	6.0	5.8	6.0	5.8	5.6	5.7	5.4	5.2	5.3
3	7.0	6.5	6.8	6.0	5.8	5.9	6.0	5.8	5.9	5.9	5.4	5.7
4	6.5	5.9	6.1	5.8	5.6	5.7	6.0	5.8	5.9	6.0	5.8	5.9
5	6.4	6.1	6.2	5.6	5.5	5.6	6.0	5.5	5.8	5.8	5.6	5.7
6	6.4	5.6	5.9	5.5	4.6	5.1	6.0	5.8	5.9	5.9	5.6	5.8
7	6.7	5.7	6.3	4.9	4.5	4.7	6.1	5.8	6.0	6.2	5.8	6.1
8	6.7	6.3	6.5	5.2	4.8	5.0	6.0	5.4	5.8	6.3	6.2	6.2
9	6.3	6.2	6.3	---	---	---	5.9	5.4	5.8	6.6	6.2	6.4
10	6.3	6.2	6.2	---	---	---	5.8	5.3	5.6	6.5	6.3	6.4
11	6.3	6.1	6.3	---	---	---	5.5	5.3	5.4	6.4	5.8	6.1
12	6.2	6.1	6.2	---	---	---	5.4	5.3	5.4	6.0	5.8	5.9
13	6.1	5.6	5.9	---	---	---	5.6	5.3	5.4	6.2	6.0	6.1
14	5.6	5.1	5.3	---	---	---	5.4	5.2	5.3	6.2	6.0	6.1
15	6.1	5.5	5.9	5.7	5.3	5.4	5.4	5.1	5.3	6.2	5.8	6.1
16	6.2	6.0	6.1	5.5	5.3	5.4	5.3	5.1	5.1	6.1	5.9	6.0
17	6.0	5.9	6.0	5.5	5.4	5.5	5.2	5.2	5.2	6.2	5.9	6.1
18	6.0	5.8	5.9	5.7	5.5	5.6	5.2	4.8	5.0	6.6	6.1	6.4
19	5.8	5.7	5.7	5.6	5.3	5.5	5.2	4.8	5.0	6.7	6.4	6.6
20	5.9	5.7	5.8	5.5	5.3	5.4	5.2	4.9	5.1	6.8	6.3	6.6
21	5.8	5.6	5.8	5.5	5.2	5.3	5.2	4.9	5.0	6.6	6.0	6.3
22	5.7	5.5	5.6	5.4	5.2	5.3	5.3	5.2	5.3	6.5	6.0	6.3
23	5.5	5.2	5.4	5.4	5.2	5.3	5.4	5.1	5.2	6.6	6.4	6.5
24	5.7	5.2	5.6	5.2	4.8	4.9	5.8	5.4	5.6	6.8	6.5	6.7
25	5.2	4.8	5.0	5.2	4.8	5.0	5.7	4.9	5.3	7.2	6.6	6.8
26	5.5	5.0	5.3	5.6	5.2	5.3	5.2	4.8	5.0	6.8	6.6	6.7
27	5.5	5.3	5.4	5.6	5.4	5.5	5.5	5.1	5.3	6.6	6.4	6.5
28	5.3	4.9	5.1	5.5	5.3	5.4	5.7	5.4	5.5	6.6	6.3	6.4
29	5.3	5.0	5.2	5.8	5.3	5.5	5.6	5.2	5.4	6.7	6.4	6.5
30	5.6	5.3	5.5	6.0	5.6	5.7	5.3	5.1	5.2	7.0	6.7	6.9
31	---	---	---	6.0	5.8	5.9	5.4	5.1	5.3	---	---	---
MONTH	7.1	4.8	5.9	---	---	---	6.1	4.8	5.4	7.2	5.2	6.2

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, 103.17 ft Mar. 20, 2003; minimum elevation since normal reservoir levels were first reached, 90.42 ft, Oct. 18, 1999.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 103.17 ft, Mar. 20; minimum elevation, 91.03 ft, Sep. 10.

Gage height, feet												
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003												
DAILY OBSERVATION AT 2400 HOURS												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	98.75	100.00	99.31	98.74	99.73	97.96	95.79	95.60	95.67	95.84	96.48	95.44
2	99.67	99.34	99.42	98.31	99.21	97.68	95.44	95.89	95.57	99.82	95.89	95.71
3	97.56	99.49	99.19	97.90	99.43	97.56	95.45	96.22	96.43	96.53	95.92	95.69
4	98.46	98.45	99.29	97.94	99.65	97.46	95.80	95.94	96.28	96.42	97.13	95.81
5	98.98	99.25	100.38	97.36	99.47	97.65	95.67	95.90	95.92	96.05	97.49	95.58
6	98.29	99.82	99.82	97.33	99.57	99.21	95.42	98.88	95.67	96.08	96.14	95.35
7	96.21	98.97	99.35	97.99	99.17	98.15	97.73	98.92	98.27	96.17	97.80	95.23
8	95.94	99.92	99.55	97.74	99.98	97.53	96.97	97.36	98.68	96.13	96.62	95.20
9	97.50	99.95	97.74	97.97	99.56	97.71	97.17	96.76	97.46	95.91	96.23	95.62
10	99.83	99.11	97.55	97.96	99.95	97.54	101.58	96.41	96.66	95.94	96.17	95.53
11	99.85	99.45	100.08	97.54	99.93	97.67	99.39	96.17	96.21	95.96	96.31	95.49
12	99.17	100.25	99.97	97.28	99.75	97.52	97.19	95.91	95.90	95.85	96.76	95.28
13	98.05	100.13	100.77	97.37	99.65	97.17	96.74	95.93	95.91	98.70	95.96	95.21
14	97.98	99.04	100.46	97.92	99.15	97.47	96.43	96.08	95.77	96.31	95.89	95.10
15	99.58	99.01	99.83	99.41	99.69	97.74	96.17	96.16	95.70	95.97	95.87	95.24
16	100.10	100.32	98.75	98.00	99.92	97.96	96.17	96.22	96.27	96.27	97.29	95.82
17	98.38	100.51	98.39	99.57	99.31	97.63	96.14	96.21	96.51	95.87	96.24	94.69
18	97.97	99.80	98.44	99.81	99.68	99.28	100.87	96.21	95.93	95.95	95.77	95.86
19	97.02	98.59	98.45	99.19	99.19	98.99	97.45	96.21	96.39	96.17	95.72	95.57
20	96.62	98.07	100.23	99.17	99.16	102.19	96.62	95.94	95.97	95.89	95.79	95.38
21	97.01	100.14	100.00	99.11	99.25	97.74	96.35	95.95	95.66	95.59	95.84	95.28
22	97.63	99.48	99.52	99.71	101.52	96.49	96.56	101.84	95.75	95.67	95.85	95.57
23	97.46	98.80	98.78	98.84	99.96	96.35	96.23	97.73	95.45	96.01	95.83	96.54
24	99.56	99.90	101.38	100.06	98.68	96.14	96.19	97.78	94.34	95.75	95.62	96.18
25	99.52	99.77	100.18	100.08	98.47	96.08	96.21	96.49	95.37	95.52	95.71	96.10
26	99.56	100.20	98.70	100.12	97.96	96.10	96.37	96.48	95.21	95.55	95.54	96.72
27	99.12	99.34	99.10	99.78	98.10	96.02	96.13	96.05	95.91	95.15	95.46	96.58
28	99.37	99.30	98.49	99.08	98.22	95.96	96.07	95.98	95.66	95.37	95.71	96.79
29	99.66	99.50	98.40	99.83	---	95.76	95.95	95.92	95.50	95.38	95.69	96.17
30	99.17	99.54	97.87	99.55	---	96.10	95.92	95.81	95.58	95.98	95.68	97.66
31	99.72	---	98.05	99.17	---	96.06	---	95.74	---	99.25	95.46	---
MEAN	98.51	99.51	99.27	98.70	99.40	97.45	96.74	96.60	96.05	96.23	96.12	95.75
MAX	100.10	100.51	101.38	100.12	101.52	102.19	101.58	101.84	98.68	99.82	97.80	97.66
MIN	95.94	98.07	97.55	97.28	97.96	95.76	95.42	95.60	94.34	95.15	95.46	94.69

SANTEE RIVER BASIN

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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 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1060	1010	909	2520	1740	2820	2870	2810	2810	2760	9210	2140
2	791	1110	727	2480	1530	2530	2580	2820	2710	9700	4430	2270
3	842	637	844	2180	1290	2320	2410	3180	3730	9640	3980	2400
4	466	762	1080	2180	1540	2360	2440	3140	4490	4800	5260	2550
5	531	623	2180	1710	1650	2280	2590	2890	3990	3730	8250	2490
6	515	1230	2920	1580	1640	3800	2320	5540	3200	3290	5330	2170
7	624	1120	2320	1850	1810	4090	6420	11200	5100	3060	7610	1820
8	e400	933	1800	2060	1690	3290	5630	8910	14500	3030	6420	1710
9	158	1040	1710	1930	1600	2720	5920	5430	9750	2920	4770	2000
10	220	891	1460	2060	1340	2310	e12700	4240	5860	2840	4030	2160
11	707	867	2220	2000	1420	2310	e20400	3690	4330	2960	4780	2140
12	666	2780	3170	1400	1720	2130	9060	3340	3800	2860	5030	2100
13	607	2890	3380	1330	1810	2040	5660	3180	3450	6410	4400	1720
14	515	2310	5260	1650	1850	2070	4280	3010	3270	7160	3450	1610
15	630	1830	3410	1600	1840	2190	3840	2890	3080	3660	4000	1520
16	3310	2200	2590	1820	1650	3090	3440	2970	3510	3080	4120	1900
17	3230	3930	2200	1480	1810	3090	3230	3200	4010	2930	4210	2170
18	1880	3300	1910	1670	1880	3990	14400	3060	3880	2710	3960	1890
19	1520	2410	1940	1640	2150	4090	14600	3000	4580	2890	3420	1670
20	899	1890	2620	1370	2090	e30300	6430	3050	3940	2790	2960	1520
21	702	1490	3180	1310	2010	e21500	4890	2930	3240	2520	2800	1380
22	846	1580	2400	1510	5150	7210	4150	e10000	2900	2520	2660	1450
23	951	1550	2090	1800	9390	4810	3640	e18000	2780	2610	2910	3130
24	644	939	4790	1420	4610	3900	3350	8710	2780	2910	2690	2740
25	752	962	8960	1440	3370	3430	3240	8700	2480	2480	2480	2040
26	973	1190	4560	1260	3040	3170	3480	5510	2230	2430	2300	1860
27	806	1420	3410	1270	3010	3040	3300	4690	2540	2190	2070	1900
28	667	1190	3040	1610	2950	2880	3000	3870	2760	1830	2170	1690
29	1240	882	2500	1550	---	2730	2900	3350	2570	1920	2310	1740
30	1390	1080	2360	2050	---	2870	3000	3270	2390	2560	2380	1640
31	1010	---	2450	1950	---	3130	---	3070	---	9300	2140	---
TOTAL	29552	46046	84390	53680	67580	142490	166170	153650	120660	116490	126530	59520
MEAN	953	1535	2722	1732	2414	4596	5539	4956	4022	3758	4082	1984
MAX	3310	3930	8960	2520	9390	30300	20400	18000	14500	9700	9210	3130
MIN	158	623	727	1260	1290	2040	2320	2810	2230	1830	2070	1380
CFSM	0.74	1.19	2.11	1.34	1.87	3.56	4.29	3.84	3.12	2.91	3.16	1.54
IN.	0.85	1.33	2.43	1.55	1.95	4.11	4.79	4.43	3.48	3.36	3.65	1.72

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2003, BY WATER YEAR (WY)

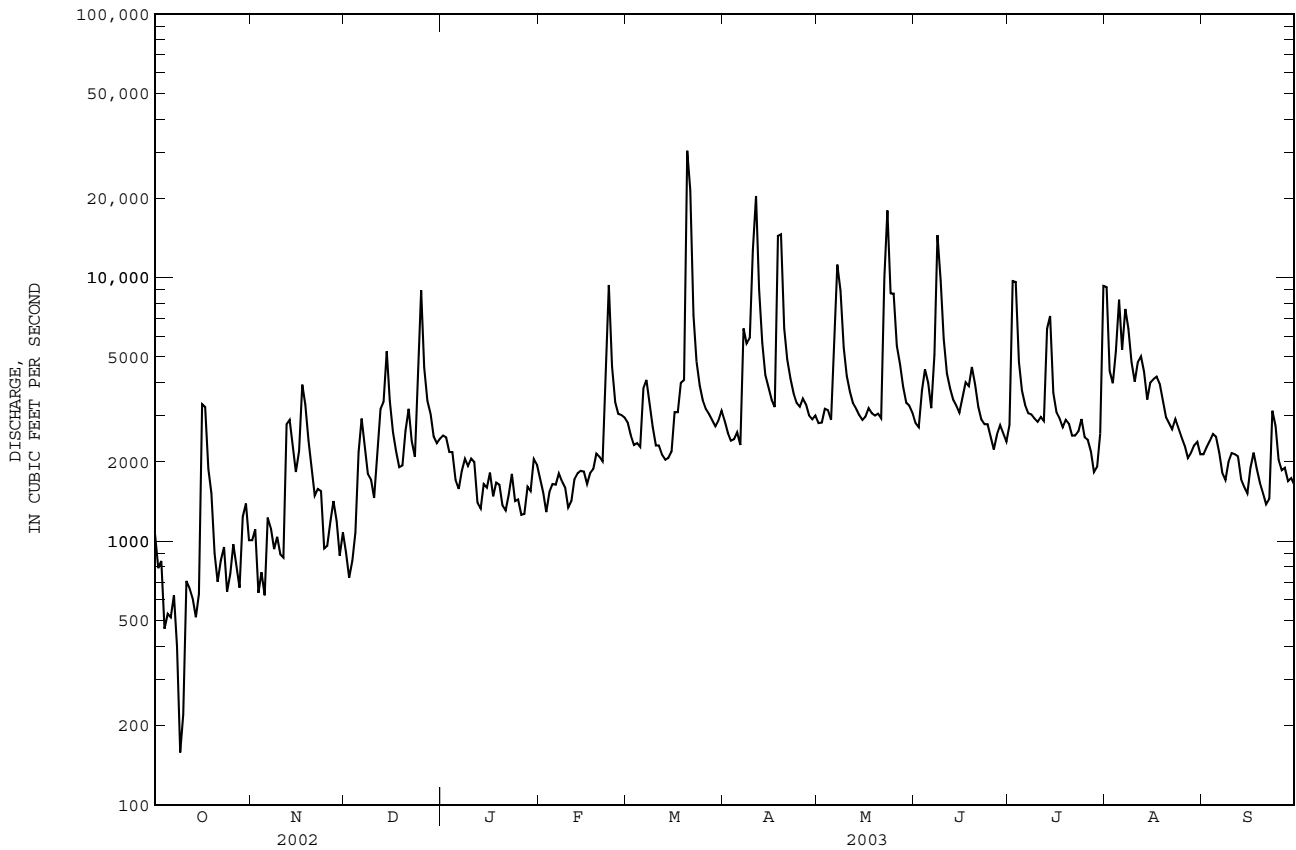
	1998	1999	2000	2001	2002	2003
MEAN	954	1088	1491	1955	2171	2510
MAX	1439	1535	2722	4250	4675	4596
(WY)	1998	2003	2003	1998	2003	2003
MIN	531	567	816	930	973	960
(WY)	2002	2002	2002	2001	2001	2001

SANTEE RIVER BASIN

02153200 BROAD RIVER NEAR BLACKSBURG, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1998 - 2003	
ANNUAL TOTAL	372789		1166758		1635	
ANNUAL MEAN	1021		3197		3197	
HIGHEST ANNUAL MEAN					2003	
LOWEST ANNUAL MEAN					2002	
HIGHEST DAILY MEAN	8960	Dec 25	e 30300	Mar 20	e 30300	Mar 20 2003
LOWEST DAILY MEAN	41	Aug 12	158	Oct 9	41	Aug 12 2002
ANNUAL SEVEN-DAY MINIMUM	90	Aug 9	416	Oct 4	90	Aug 9 2002
MAXIMUM PEAK FLOW			Unknown	Mar 20	Unknown	Mar 20 2003
MAXIMUM PEAK STAGE			21.06	Mar 20	21.06	Mar 20 2003
ANNUAL RUNOFF (CFSM)	0.79		2.48		1.27	
ANNUAL RUNOFF (INCHES)	10.75		33.65		17.22	
10 PERCENT EXCEEDS	2180		5370		3100	
50 PERCENT EXCEEDS	847		2540		1190	
90 PERCENT EXCEEDS	203		1010		429	

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, 106.45 ft Mar. 20, 2000; minimum elevation, 96.91 ft, May 14, 2001.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 106.45 ft, Mar. 20; minimum elevation, 97.34 ft, Sep. 8.

Gage height, feet												
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003												
DAILY OBSERVATION AT 2400 HOURS												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	99.91	99.80	99.57	100.14	98.98	99.44	98.78	99.54	99.72	99.75	101.06	99.62
2	98.42	99.33	98.58	99.56	99.23	99.56	99.04	99.65	99.75	102.46	100.31	98.76
3	99.01	98.55	99.15	99.10	99.83	99.61	99.57	100.19	100.69	100.96	100.24	98.76
4	98.52	99.28	100.18	99.70	99.68	99.71	99.49	99.82	100.40	100.29	101.30	99.41
5	99.19	99.23	100.44	99.99	99.76	99.67	99.24	99.69	99.96	99.89	101.27	99.59
6	98.38	99.83	99.97	99.44	99.14	101.06	99.19	101.66	99.56	99.50	100.44	98.88
7	99.44	98.55	99.54	100.05	99.71	100.47	101.61	101.89	101.49	99.78	101.78	98.52
8	98.72	98.34	99.33	98.53	99.49	100.17	100.75	101.12	102.73	99.56	100.90	98.55
9	98.41	99.79	99.24	99.75	99.35	99.52	101.01	100.63	101.47	99.72	100.44	99.39
10	98.70	99.67	99.94	99.18	98.57	99.45	103.97	100.15	100.59	99.48	100.54	99.63
11	99.52	99.10	100.28	99.37	98.37	99.89	102.92	100.05	100.29	99.63	100.42	99.54
12	99.67	100.63	100.27	98.84	99.59	99.54	101.09	99.52	99.95	99.42	100.77	99.47
13	99.34	99.93	101.03	99.50	99.31	99.55	100.31	99.48	99.88	102.46	100.57	99.70
14	99.12	99.42	100.96	99.79	99.60	99.62	100.14	99.54	99.71	100.41	100.16	98.46
15	99.21	98.67	100.32	99.20	99.04	99.62	99.92	99.76	99.67	99.68	100.51	99.54
16	100.86	100.41	99.67	98.55	98.86	100.23	99.56	99.99	100.28	99.58	101.12	99.24
17	99.83	100.89	98.61	99.26	99.74	100.00	99.43	99.67	100.37	99.15	101.20	99.75
18	99.90	100.16	99.77	99.37	99.71	100.71	103.56	99.42	99.87	99.34	100.36	99.60
19	99.55	99.17	99.52	99.81	99.58	100.56	101.56	99.86	100.54	99.50	100.25	98.88
20	99.35	100.00	100.43	99.20	99.75	106.16	100.73	99.60	100.05	99.39	99.82	99.04
21	98.46	98.58	100.18	99.83	99.45	102.43	100.36	99.72	99.51	98.89	99.48	99.63
22	99.38	99.93	99.73	99.67	102.38	100.86	100.07	105.40	99.49	99.54	99.71	99.01
23	99.29	99.55	98.50	100.10	101.45	100.41	99.82	102.29	99.34	99.72	99.59	100.74
24	99.64	98.61	102.23	99.51	100.57	99.80	99.86	101.62	99.22	99.34	99.07	100.31
25	99.84	99.38	101.36	99.15	99.84	99.79	99.99	101.11	98.50	99.34	99.06	99.42
26	99.79	99.36	100.56	99.88	100.07	99.89	100.27	100.63	99.50	99.59	98.81	99.84
27	99.32	99.70	100.30	99.60	100.07	99.72	100.01	100.30	99.92	99.03	99.18	99.55
28	99.34	99.65	99.92	99.88	99.94	99.63	99.82	100.03	99.54	98.94	99.52	99.48
29	100.04	99.42	99.79	99.99	---	99.61	99.52	100.00	99.27	98.94	99.69	98.95
30	98.71	99.38	99.36	99.88	---	99.60	99.91	99.79	99.14	99.36	99.71	99.06
31	100.18	---	99.49	99.26	---	99.76	---	99.74	---	102.88	99.74	---
MEAN	99.32	99.48	99.94	99.52	99.68	100.19	100.38	100.38	100.01	99.86	100.23	99.34
MAX	100.86	100.89	102.23	100.14	102.38	106.16	103.97	105.40	102.73	102.88	101.78	100.74
MIN	98.38	98.34	98.50	98.53	98.37	99.44	98.78	99.42	98.50	98.89	98.81	98.46

SANTEE 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 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	802	936	912	2020	e1620	3090	3770	2880	e4230	e3610	e12000	1720
2	785	1050	946	2250	1370	2660	2460	2580	e3680	e12000	e7680	2040
3	647	737	696	1970	1020	2230	1920	3160	e5060	e16000	e6380	2190
4	589	526	915	1760	1260	2080	1980	3510	e6840	e8030	e7670	2260
5	283	622	2200	1440	1310	2020	2200	3130	e6220	e5290	e9500	2140
6	592	959	3490	1420	1470	e6500	2030	e5000	e4930	e4620	e8000	1890
7	397	1240	2720	1380	1490	e10000	e7000	e15000	e5500	e3950	e9300	1650
8	499	815	2070	1820	1490	4970	e11000	e12500	e18500	e3880	e7500	1550
9	243	715	1800	1380	1470	3070	e9100	e10000	e13000	e4270	e7000	1630
10	197	864	1340	1810	1290	2280	e14000	e8500	e10400	e4140	e6000	1940
11	447	e821	e2250	1580	1250	1950	e31000	5700	e6720	e4070	e6300	1950
12	590	e3260	3520	1290	1190	1910	e19000	4440	e5470	e3890	e6500	1970
13	591	2970	3830	1130	1490	1770	e12000	3420	e4780	e8000	e5400	1650
14	540	2710	e6500	1180	1420	1710	e10000	3020	e4600	e10000	2810	1640
15	467	1980	e6200	1610	1610	1840	e8160	2720	e4910	e5680	3670	1280
16	2810	2240	3190	1520	e1540	3900	6070	2790	e5040	e4090	e3500	1750
17	3640	4260	2620	1000	e1430	3880	4050	3530	e5720	e3750	e5000	1880
18	1830	3830	1780	1200	e1620	e5800	e14500	3220	e5510	e3440	e7900	1830
19	1450	2970	1890	1310	1770	e9800	e29000	3060	e6390	e3570	e6200	1680
20	873	1780	2750	1300	1810	e25000	e17000	2940	e5590	e3930	3160	1410
21	713	1980	4630	991	1800	e50000	e10000	2920	e4380	e3360	2600	1230
22	681	1210	2810	1150	e4500	e20000	e9000	e13800	e3930	e3160	2270	1370
23	831	1550	2350	1220	e14300	e10000	e7960	e42400	e3540	e3180	2860	3270
24	546	1150	e3500	e1370	e11000	e7900	6170	e18200	e3540	e3500	2610	2640
25	653	913	e12500	e1320	e6250	4720	e3980	e16400	e3180	e3060	2290	2070
26	798	1100	e10500	971	3340	3380	5100	e9070	e2850	e2940	2020	1600
27	831	1410	5040	1050	e3570	3020	4460	e6980	e3110	e3040	1630	1830
28	581	1120	3160	1170	e3230	2550	3130	e5430	e3670	e2440	1700	1680
29	772	1040	2340	1240	---	2380	2990	e4870	e3680	e2470	1740	1840
30	e1420	996	2140	e1940	---	3200	3100	e4870	e3270	e3210	1770	1570
31	e703	---	2090	e1890	---	3650	---	e4390	---	e10000	1700	---
TOTAL	26801	47754	102679	44682	76910	207260	262130	230430	168240	156570	154660	55150
MEAN	865	1592	3312	1441	2747	6686	8738	7433	5608	5051	4989	1838
MAX	3640	4260	12500	2250	14300	50000	31000	42400	18500	16000	12000	3270
MIN	197	526	696	971	1020	1710	1920	2580	2850	2440	1630	1230
CFSM	0.56	1.03	2.14	0.93	1.77	4.31	5.64	4.80	3.62	3.26	3.22	1.19
IN.	0.64	1.15	2.46	1.07	1.85	4.97	6.29	5.53	4.04	3.76	3.71	1.32

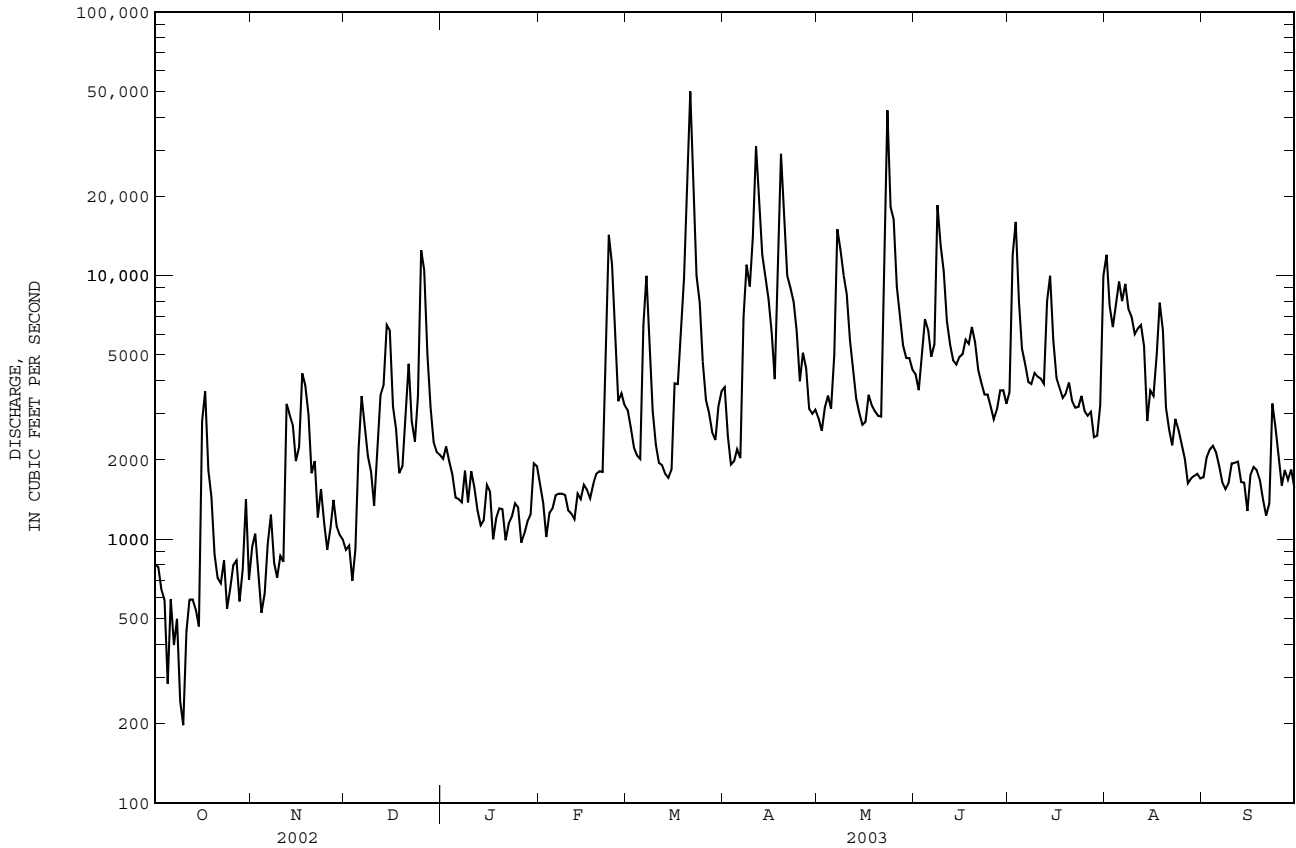
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2003, BY WATER YEAR (WY)

	1999	2000	2001	2002	2003
MEAN	758	1117	1527	1456	1758
MAX	925	1592	3312	2021	2747
(WY)	2000	2003	2003	1999	2003
MIN	574	630	843	865	985
(WY)	2002	2002	2002	2001	2001

02153551 BROAD RIVER BELOW CHEROKEE FALLS, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1999 - 2003	
ANNUAL TOTAL	406334		1533266		1798	
ANNUAL MEAN	1113		4201		4201	
HIGHEST ANNUAL MEAN					2003	
LOWEST ANNUAL MEAN					800	
HIGHEST DAILY MEAN	e 12500	Dec 25	e 50000	Mar 21	e 50000	Mar 21 2003
LOWEST DAILY MEAN	138	Sep 14	197	Oct 10	138	Sep 14 2002
ANNUAL SEVEN-DAY MINIMUM	168	Sep 10	380	Oct 5	168	Sep 10 2002
MAXIMUM PEAK FLOW			Unknown	Mar 20	Unknown	Mar 20 2003
MAXIMUM PEAK STAGE			38.22	Mar 20	38.22	Mar 20 2003
ANNUAL RUNOFF (CFSM)	0.72		2.71		1.16	
ANNUAL RUNOFF (INCHES)	9.75		36.80		15.76	
10 PERCENT EXCEEDS	2240		9380		3500	
50 PERCENT EXCEEDS	821		2720		1010	
90 PERCENT EXCEEDS	250		914		433	

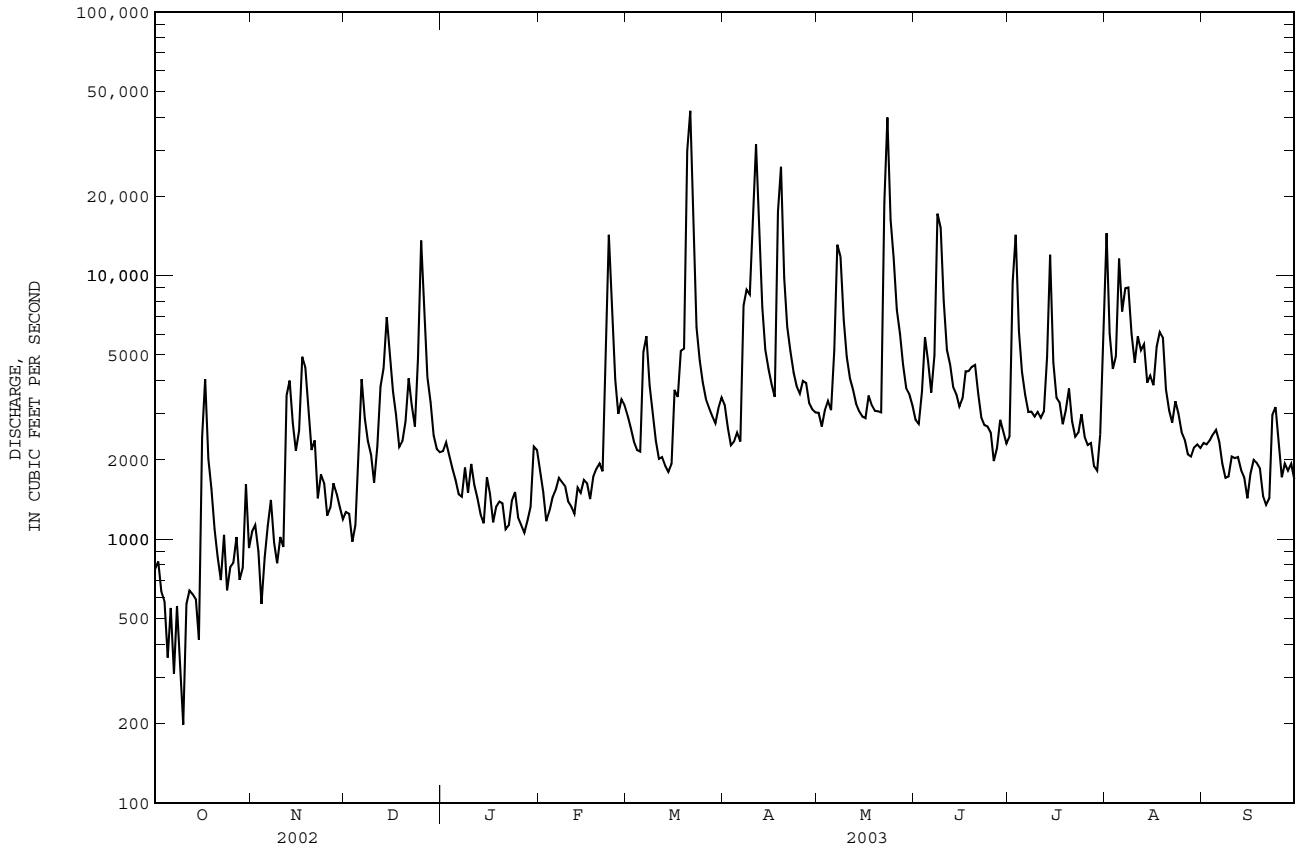
e Estimated



02153680 BROAD RIVER NEAR HICKORY GROVE, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 2001 - 2003	
ANNUAL TOTAL	415261		1401282		2308	
ANNUAL MEAN	1138		3839		3839	
HIGHEST ANNUAL MEAN					2003	
LOWEST ANNUAL MEAN					778	
HIGHEST DAILY MEAN	13600	Dec 25	42200	Mar 21	42200	Mar 21 2003
LOWEST DAILY MEAN	145	Sep 14	198	Oct 10	145	Sep 14 2002
ANNUAL SEVEN-DAY MINIMUM	175	Sep 9	406	Oct 5	175	Sep 9 2002
MAXIMUM PEAK FLOW			48900	Mar 21	48900	Mar 21 2003
MAXIMUM PEAK STAGE			31.05	Mar 21	31.05	Mar 21 2003
ANNUAL RUNOFF (CFSM)	0.69		2.33		1.40	
ANNUAL RUNOFF (INCHES)	9.36		31.59		19.01	
10 PERCENT EXCEEDS	2300		6890		4590	
50 PERCENT EXCEEDS	857		2640		1290	
90 PERCENT EXCEEDS	258		1090		362	

e Estimated



02153800 BULLOCK CREEK NEAR SHARON, SC--Continued

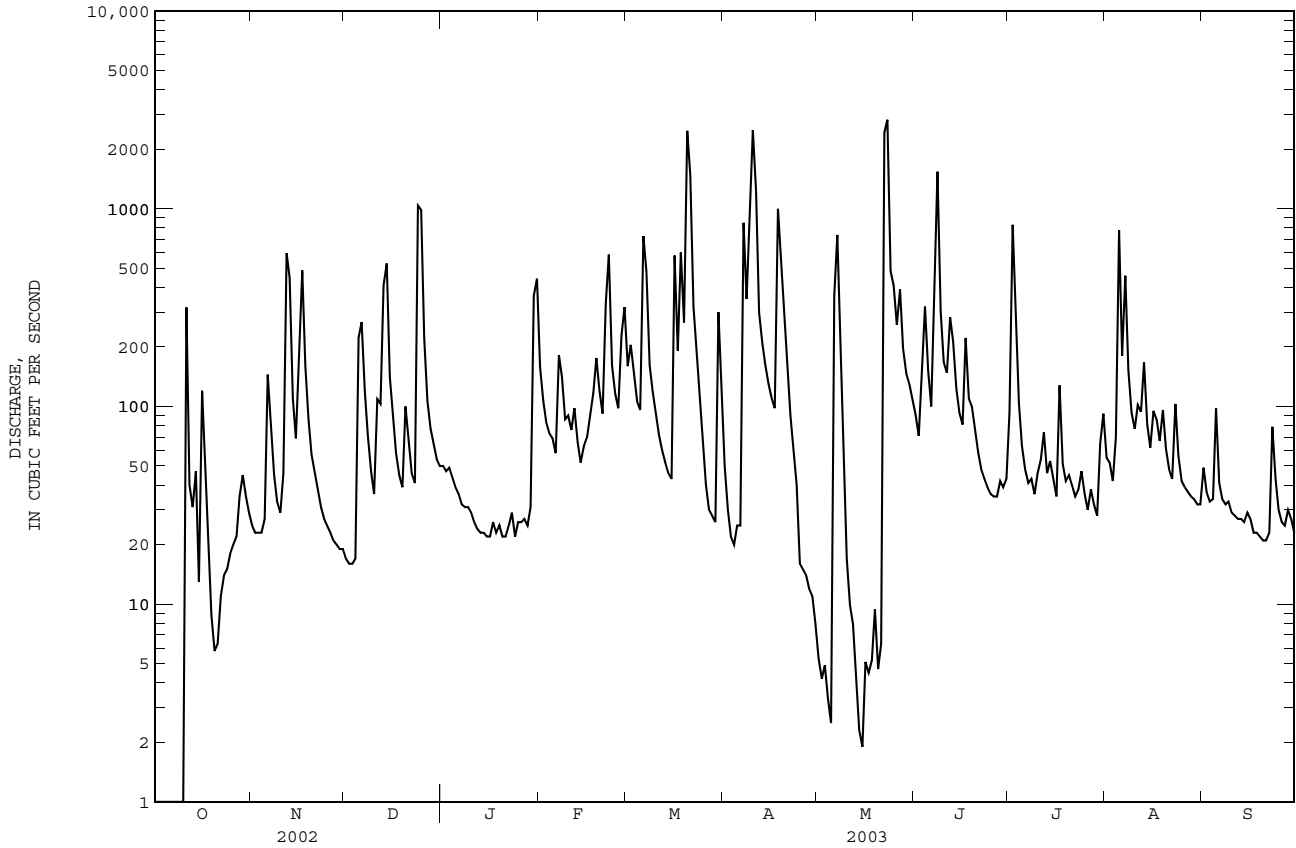
SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 2001 - 2003	
ANNUAL MEAN	42.8		148		87.8	
HIGHEST ANNUAL MEAN					148	2003
LOWEST ANNUAL MEAN					27.6	2002
HIGHEST DAILY MEAN	1040	Dec 24	2820	May 23	2820	May 23 2003
LOWEST DAILY MEAN	e 0.00	a Jul 10	e 0.00	b Oct 1	e 0.00	c Aug 24 2001
ANNUAL SEVEN-DAY MINIMUM	0.00	Jul 10	0.00	Oct 1	0.00	Aug 24 2001
MAXIMUM PEAK FLOW			7160	May 23	9840	Oct 12 1990
MAXIMUM PEAK STAGE			16.61	May 23	17.36	Oct 12 1990
ANNUAL RUNOFF (AC-FT)	30960		107200		63640	
ANNUAL RUNOFF (CFSM)	0.51		1.76		1.04	
10 PERCENT EXCEEDS	92		326		161	
50 PERCENT EXCEEDS	18		48		34	
90 PERCENT EXCEEDS	0.00		15		0.00	

a Also occurred on many days during July to October.

b Also occurred several days in October.

c Also occurred on many days in 2001-02.

e Estimated



SANTEE RIVER BASIN

02154500 NORTH PACOLET RIVER AT FINGERVILLE, SC

LOCATION.--Lat 35 07'15'', long 81 59'10'', Spartanburg County, Hydrologic Unit 03050105, on right bank at McMillin Mill, about 400 ft downstream from Obed Creek, 1.4 mi south of Fingerville, and at mile 48.5.

DRAINAGE AREA.--116 mi².

PERIOD OF RECORD.--April 1930 to current year. Monthly discharge only for some periods, published in WSP-1303.

GAGE.--Data collection platform. Datum of gage is 715.56 ft above NGVD of 1929. From November 26, 1929 to November 24, 1933, recording gage at site about 400 ft downstream at datum 5.60 ft higher.

REMARKS.--Records good except for estimated daily discharges, which are poor. Some diurnal fluctuation at low and medium flow caused by mill above station.

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	77	97	99	215	133	205	237	237	273	264	502	262
2	70	88	95	214	128	205	228	238	263	1300	371	206
3	65	84	92	210	125	188	225	267	311	1570	297	192
4	60	83	94	194	132	178	220	421	449	482	297	185
5	57	88	447	185	133	174	228	295	339	371	580	188
6	55	182	348	178	123	335	234	1010	287	322	345	181
7	53	136	212	168	159	305	762	1310	651	298	328	176
8	52	111	172	161	151	239	548	785	1080	296	294	174
9	51	102	150	161	137	215	499	463	533	267	305	166
10	54	100	140	158	135	195	846	378	393	265	264	166
11	59	199	398	152	132	185	1140	333	343	295	415	159
12	57	284	301	147	126	178	548	312	316	445	953	155
13	60	241	420	144	125	171	409	283	300	323	680	152
14	61	179	517	142	126	166	350	265	282	279	364	150
15	251	149	310	140	138	163	327	263	274	299	328	151
16	e650	249	243	139	142	365	298	261	263	286	287	152
17	e250	383	210	139	194	286	275	274	263	250	278	141
18	176	243	189	137	183	369	647	312	269	230	273	139
19	133	187	175	136	171	422	482	305	407	230	253	135
20	112	161	525	133	160	3120	375	276	306	240	232	132
21	102	146	362	133	154	2200	341	268	261	221	226	131
22	100	e135	257	133	555	520	322	1410	243	214	235	144
23	96	e127	219	134	816	388	285	1750	230	215	298	344
24	89	e120	599	122	354	332	270	689	224	208	225	192
25	86	e116	812	127	269	297	266	523	217	206	212	158
26	91	109	363	125	234	274	334	422	209	195	203	148
27	85	105	281	123	247	262	281	381	209	195	195	143
28	88	102	248	119	227	247	252	338	253	194	189	157
29	117	100	225	122	---	238	243	322	230	188	190	140
30	130	99	207	151	---	295	233	308	230	194	185	135
31	111	---	193	146	---	272	---	293	---	749	192	---
TOTAL	3498	4505	8903	4688	5709	12989	11705	14992	9908	11091	9996	5054
MEAN	113	150	287	151	204	419	390	484	330	358	322	168
MAX	650	383	812	215	816	3120	1140	1750	1080	1570	953	344
MIN	51	83	92	119	123	163	220	237	209	188	185	131
CFSM	0.97	1.29	2.48	1.30	1.76	3.61	3.36	4.17	2.85	3.08	2.78	1.45
IN.	1.12	1.44	2.86	1.50	1.83	4.17	3.75	4.81	3.18	3.56	3.21	1.62

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 2003, BY WATER YEAR (WY)

MEAN	171	163	200	250	266	292	261	207	176	153	165	141
MAX	795	429	459	791	621	752	763	484	439	358	490	405
(WY)	1965	1993	1962	1937	1960	1952	1936	2003	1961	2003	1940	1975
MIN	35.1	56.8	65.7	66.6	93.9	100	91.5	82.8	58.0	36.1	29.7	34.1
(WY)	1955	1932	1956	1956	2001	1955	1986	1988	2002	2002	2002	1954

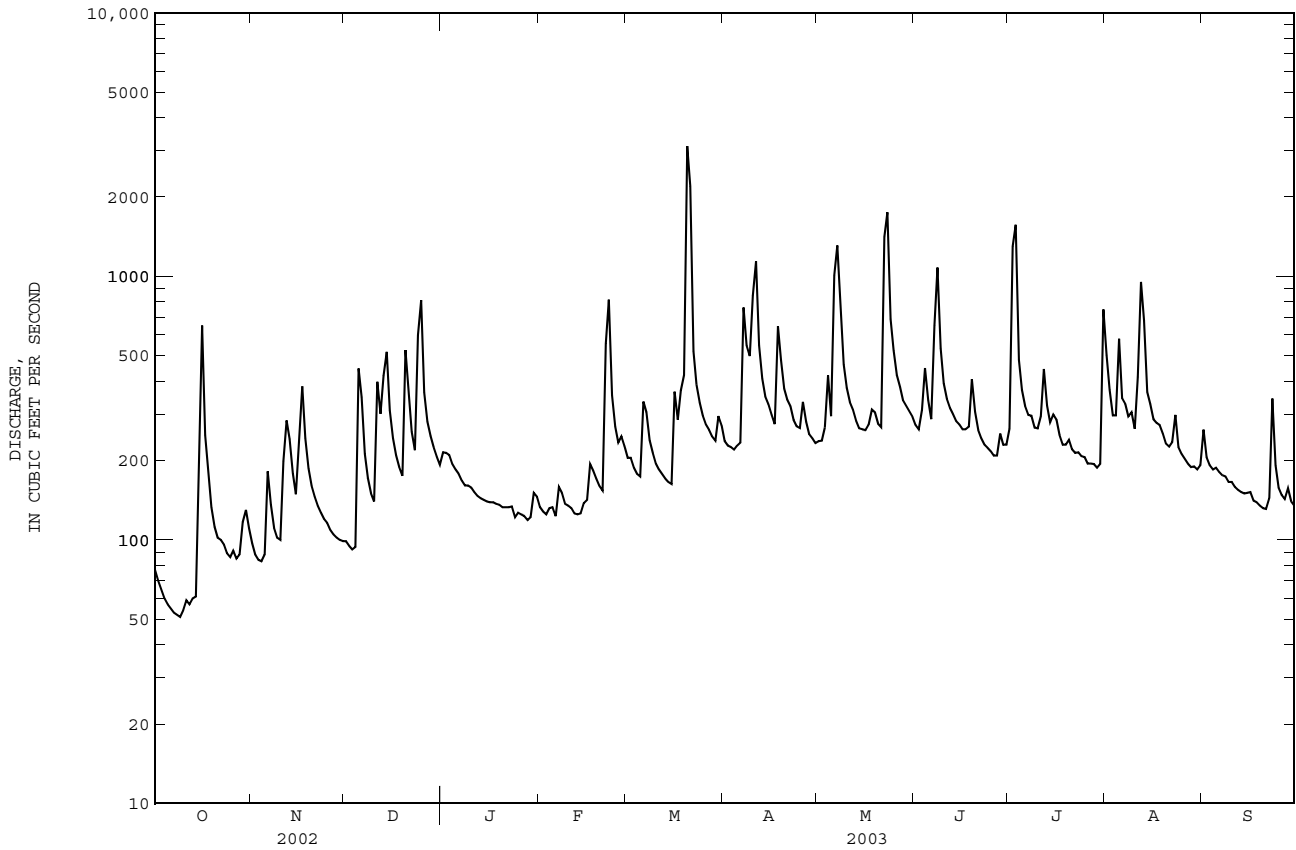
02154500 NORTH PACOLET RIVER AT FINGERVILLE, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1930 - 2003	
ANNUAL TOTAL	41067		103038			
ANNUAL MEAN	113		282		204	
HIGHEST ANNUAL MEAN					340	1937
LOWEST ANNUAL MEAN					87.0	2002
HIGHEST DAILY MEAN	812	Dec 25	3120	Mar 20	8110	Oct 5 1964
LOWEST DAILY MEAN	14	Aug 14	51	Oct 9	14	Aug 14 2002
ANNUAL SEVEN-DAY MINIMUM	17	Aug 8	54	Oct 5	17	Aug 8 2002
MAXIMUM PEAK FLOW			3890	Mar 20	b 12500	Aug 14 1940
MAXIMUM PEAK STAGE			13.82	Mar 20	27.13	Aug 14 1940
INSTANTANEOUS LOW FLOW			50	a Oct 8	9.0	Oct 6 1954
ANNUAL RUNOFF (CFSM)	0.97		2.43		1.76	
ANNUAL RUNOFF (INCHES)	13.17		33.04		23.90	
10 PERCENT EXCEEDS	208		471		335	
50 PERCENT EXCEEDS	95		225		155	
90 PERCENT EXCEEDS	32		104		79	

a Also occurred Oct. 9.

b From rating curve extended above 4,300 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 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	41	52	49	e115	70	106	111	110	106	109	193	86
2	37	48	49	e100	66	104	105	130	99	1060	242	84
3	35	45	48	109	65	95	100	142	146	387	148	83
4	33	44	51	95	75	88	96	179	256	207	136	87
5	32	52	474	90	68	86	108	142	151	160	241	88
6	31	126	231	86	65	249	103	832	127	141	142	e82
7	30	75	128	82	94	156	502	958	415	131	150	e80
8	29	62	99	81	79	120	282	390	640	124	142	e78
9	28	56	84	79	72	107	270	235	265	132	121	e76
10	30	59	76	76	71	96	533	177	188	127	112	e74
11	32	116	238	73	67	90	528	155	157	181	111	e72
12	30	144	124	71	65	86	267	139	143	212	265	e71
13	46	114	318	70	62	83	194	123	137	223	141	e69
14	41	87	306	69	64	80	161	114	127	159	118	e67
15	263	76	146	67	72	80	143	115	125	598	114	e66
16	813	158	113	66	78	222	132	114	120	205	128	e64
17	195	192	97	69	105	129	127	132	117	157	140	e62
18	108	116	88	65	98	178	370	140	127	135	140	e60
19	78	93	84	64	87	227	211	127	167	137	142	58
20	64	81	e410	66	80	2370	167	114	131	142	112	57
21	57	76	e180	67	77	774	156	124	108	119	105	57
22	54	70	e140	67	547	340	146	1300	99	113	132	77
23	49	64	e120	68	395	238	127	872	94	118	138	205
24	46	62	e590	62	171	182	118	358	89	113	106	81
25	45	59	e310	63	131	156	119	249	86	99	100	67
26	47	58	e210	64	120	141	169	192	83	96	95	63
27	43	56	e160	62	134	131	122	159	85	97	90	61
28	51	54	e130	60	118	122	109	139	96	102	87	62
29	68	53	e115	65	---	118	102	129	89	92	91	56
30	73	52	e105	90	---	153	98	121	85	91	87	55
31	60	---	e100	78	---	125	---	115	---	228	85	---
TOTAL	2589	2400	5373	2339	3196	7232	5776	8326	4658	5995	4154	2248
MEAN	83.5	80.0	173	75.5	114	233	193	269	155	193	134	74.9
MAX	813	192	590	115	547	2370	533	1300	640	1060	265	205
MIN	28	44	48	60	62	80	96	110	83	91	85	55
CFSM	1.51	1.44	3.13	1.36	2.06	4.21	3.48	4.85	2.80	3.49	2.42	1.35
IN.	1.74	1.61	3.61	1.57	2.15	4.86	3.88	5.59	3.13	4.03	2.79	1.51

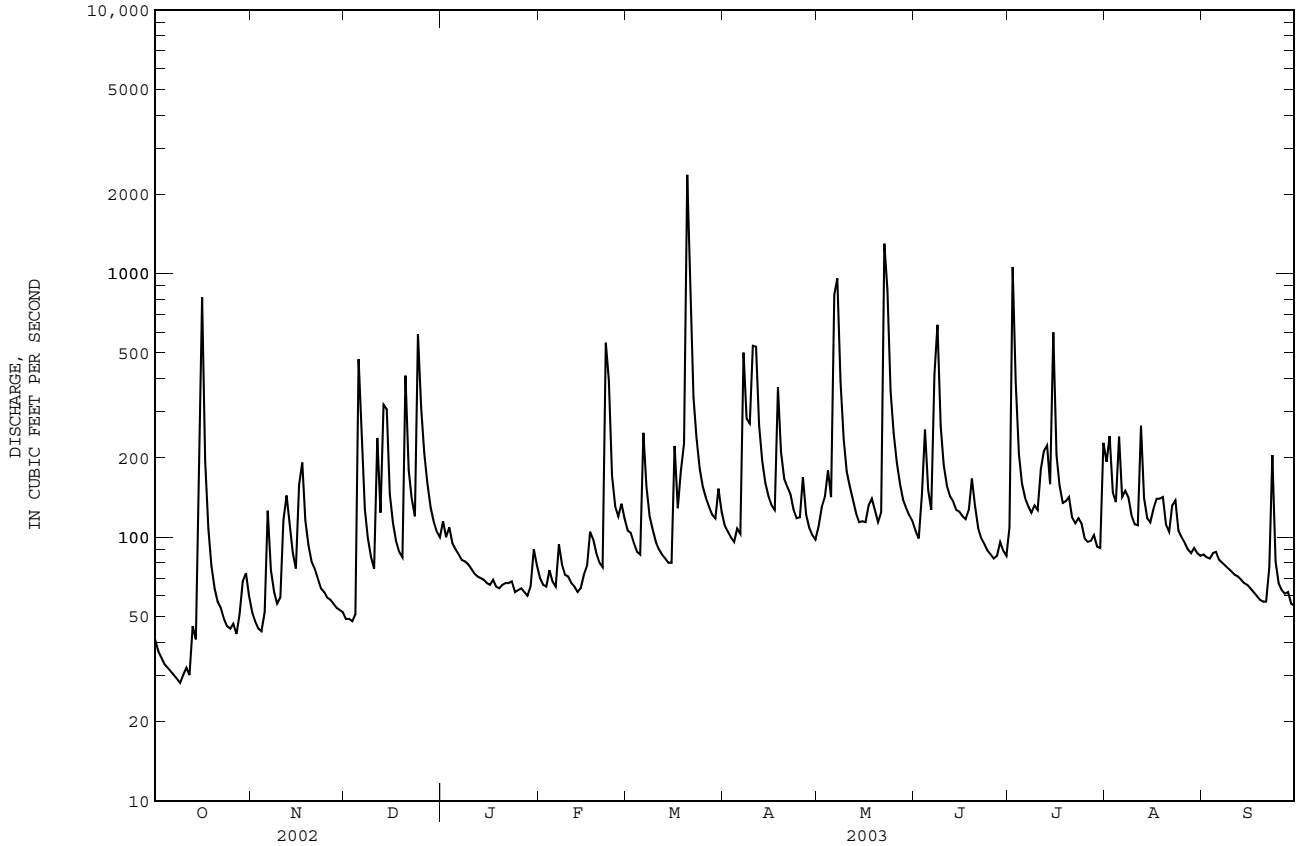
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 2003, BY WATER YEAR (WY)

	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
MEAN	81.1	80.6	92.5	127	126	145	112	99.1	73.7	71.6	76.1	56.2			
MAX	153	253	184	268	248	308	193	269	155	193	219	98.8			
(WY)	1996	1993	1993	1993	1990	1993	2003	2003	2003	2003	1995	1995			
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 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1989 - 2003	
ANNUAL TOTAL	22731.7		54286		96.4	
ANNUAL MEAN	62.3		149		157	
HIGHEST ANNUAL MEAN					44.0	
LOWEST ANNUAL MEAN					1993	
HIGHEST DAILY MEAN	813	Oct 16	2370	Mar 20	3500	Aug 27 1995
LOWEST DAILY MEAN	7.8	Aug 13	28	Oct 9	7.8	Aug 13 2002
ANNUAL SEVEN-DAY MINIMUM	8.4	Aug 8	30	Oct 6	8.4	Aug 8 2002
MAXIMUM PEAK FLOW			3290	Mar 20	5170	Aug 27 1995
MAXIMUM PEAK STAGE			10.15	Mar 20	11.33	Aug 27 1995
ANNUAL RUNOFF (CFSM)	1.12		2.68		1.74	
ANNUAL RUNOFF (INCHES)	15.26		36.45		23.65	
10 PERCENT EXCEEDS	113		245		159	
50 PERCENT EXCEEDS	47		106		69	
90 PERCENT EXCEEDS	15		56		32	

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, 816.93 ft, Mar. 20; minimum elevation, 813.22 ft, Oct. 10.

Elevation above NGVD 1929, feet
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY OBSERVATION AT 2400 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	813.40	815.11	815.08	815.20	815.14	815.21	815.20	815.23	815.21	815.32	815.30	815.17
2	813.40	815.09	815.09	815.21	815.14	815.19	815.20	815.25	815.21	815.69	815.30	815.17
3	813.39	815.09	815.09	815.19	815.13	815.18	815.20	815.30	815.28	815.45	815.30	815.17
4	813.37	815.09	815.18	815.17	815.15	815.17	815.20	815.29	815.30	815.31	815.33	815.18
5	813.35	815.20	815.43	815.16	815.13	815.18	815.22	815.31	815.27	815.28	815.31	815.17
6	813.33	815.19	815.30	815.14	815.17	815.29	815.27	815.74	815.30	815.25	815.29	815.16
7	813.31	815.15	815.23	815.14	815.17	815.27	815.47	815.65	815.44	815.25	815.30	815.15
8	813.26	815.13	815.18	815.15	815.15	815.23	815.31	815.36	815.52	815.24	815.27	815.16
9	813.24	815.12	815.16	815.15	815.15	815.20	815.29	815.31	815.33	815.27	815.24	815.15
10	813.23	815.14	815.24	815.14	815.14	815.19	815.55	815.29	815.30	815.25	815.23	815.15
11	813.24	815.20	815.30	815.13	815.13	815.18	815.40	815.27	815.27	815.30	815.22	815.14
12	813.24	815.25	815.25	815.13	815.12	815.17	815.29	815.25	815.28	815.33	815.29	815.14
13	813.29	815.20	815.35	815.13	815.12	815.17	815.29	815.22	815.25	815.31	815.25	815.15
14	813.30	815.16	815.31	815.15	815.14	815.17	815.27	815.22	815.25	815.34	815.23	815.15
15	814.13	815.16	815.27	815.11	815.13	815.22	815.25	815.22	815.24	815.51	815.22	815.15
16	815.24	815.27	815.22	815.14	815.19	815.29	815.24	815.23	815.24	815.32	815.23	815.14
17	815.23	815.25	815.19	815.13	815.18	815.28	815.28	815.25	815.23	815.29	815.23	815.13
18	815.17	815.20	815.17	815.12	815.18	815.29	815.37	815.25	815.25	815.25	815.23	815.13
19	815.13	815.16	815.20	815.12	815.17	815.63	815.30	815.24	815.26	815.24	815.23	815.12
20	815.12	815.15	815.38	815.13	815.16	816.65	815.25	815.23	815.24	815.25	815.21	815.13
21	815.10	815.15	815.29	815.14	815.16	816.64	815.27	815.26	815.22	815.23	815.20	815.13
22	815.09	815.11	815.24	815.14	815.55	815.46	815.24	816.42	815.21	815.22	815.23	815.31
23	815.09	815.11	815.20	815.09	815.38	815.40	815.23	815.71	815.21	815.24	815.23	815.27
24	815.08	815.12	815.59	815.08	815.28	815.34	815.19	815.46	815.21	815.23	815.21	815.21
25	815.09	815.12	815.39	815.09	815.23	815.25	815.18	815.32	815.20	815.21	815.20	815.18
26	815.10	815.12	815.30	815.09	815.23	815.24	815.24	815.30	815.20	815.21	815.19	815.17
27	815.10	815.10	815.25	815.10	815.23	815.23	815.23	815.28	815.20	815.21	815.19	815.17
28	815.14	815.10	815.22	815.12	815.21	815.22	815.22	815.25	815.20	815.21	815.19	815.15
29	815.15	815.10	815.20	815.13	--	815.21	815.22	815.24	815.20	815.20	815.18	815.13
30	815.14	815.09	815.18	815.18	--	815.25	815.22	815.24	815.19	815.25	815.17	815.13
31	815.12	--	815.19	815.16	--	815.22	--	815.21	--	815.31	815.17	--
MAX	815.24	815.27	815.59	815.21	815.55	816.65	815.55	816.42	815.52	815.69	815.33	815.31
MIN	813.23	815.09	815.08	815.08	815.12	815.17	815.18	815.21	815.19	815.20	815.17	815.12
(+)	7.36	7.34	7.40	7.38	7.40	7.41	7.41	7.40	7.40	7.46	7.38	7.36
(*)	+41.4	-1.03	+2.99	-1.00	+1.11	+0.50	0.00	-0.50	0.00	+2.99	-3.99	-1.03

CAL YR 2002 * +0.25 MAX 815.59 MIN 811.06

WTR YR 2003 * +3.52 MAX 816.65 MIN 813.23

(+) CONTENTS, IN BILLIONS OF GALLONS, AT END OF MONTH.

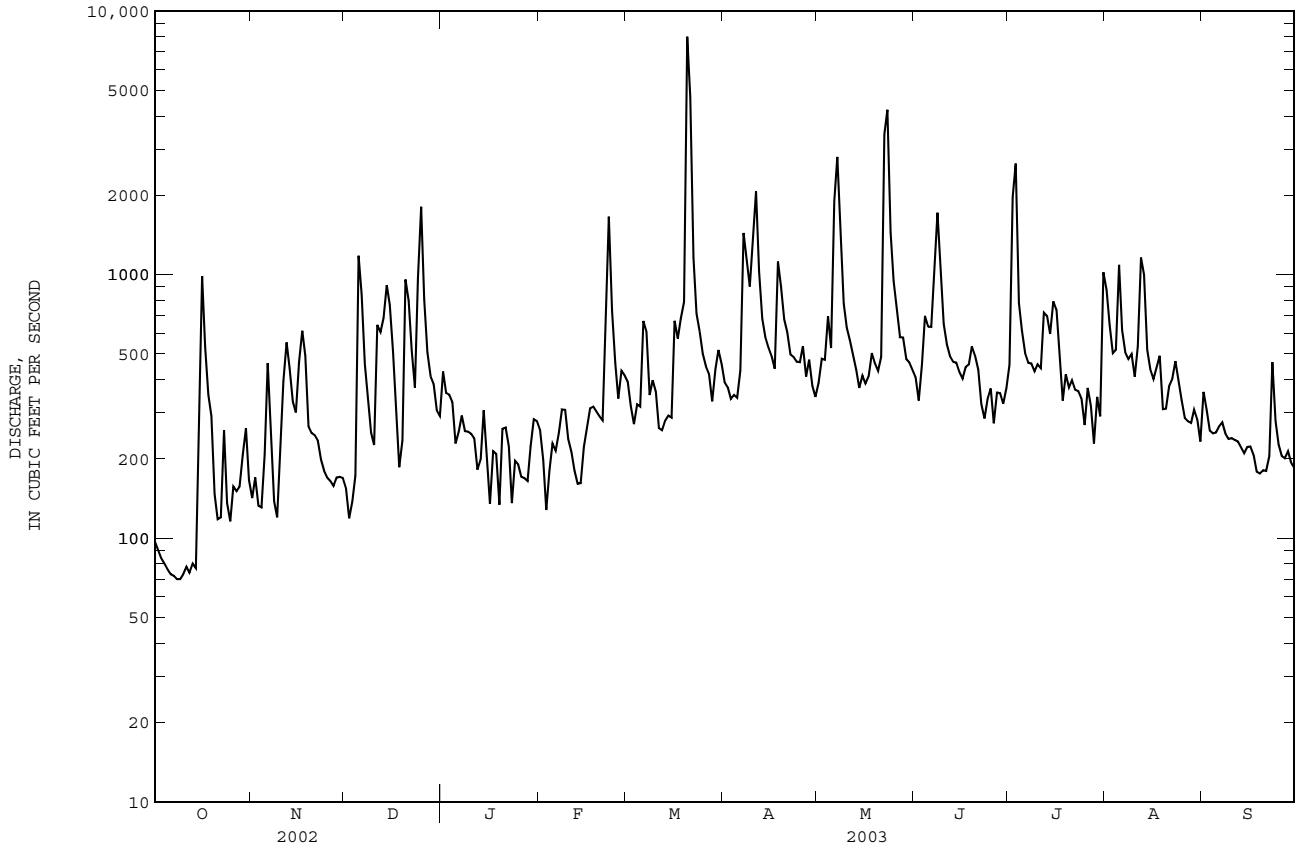
(*) CHANGE IN CONTENT, EQUIVALENT IN CUBIC FEET PER SECOND.

SANTEE RIVER BASIN

02155500 PACOLET RIVER NEAR FINGERVILLE, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1930 - 2003	
ANNUAL TOTAL	65557		180023			
ANNUAL MEAN	180		493		331	
HIGHEST ANNUAL MEAN					535	1937
LOWEST ANNUAL MEAN					121	2002
HIGHEST DAILY MEAN	1810	Dec 25	8000	Mar 20	13500	Aug 14 1940
LOWEST DAILY MEAN	e 26	Aug 10	70	a Oct 8	e 26	Aug 10 2002
ANNUAL SEVEN-DAY MINIMUM	27	Aug 7	73	Oct 6	27	Aug 7 2002
MAXIMUM PEAK FLOW			9390	Mar 20	b 22800	Aug 14 1940
MAXIMUM PEAK STAGE			11.84	Mar 20	22.43	Aug 14 1940
ANNUAL RUNOFF (CFSM)	0.85		2.33		1.56	
ANNUAL RUNOFF (INCHES)	11.50		31.59		21.22	
10 PERCENT EXCEEDS	369		853		566	
50 PERCENT EXCEEDS	128		359		245	
90 PERCENT EXCEEDS	44		162		107	

a Also occurred Oct. 9.
 b From rating curve extended above 9,600 ft³/s by velocity-area studies.
 e Estimated



SANTEE RIVER BASIN

197

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.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 704.38 ft, Mar. 20, 2003; minimum elevation, 693.69 ft, Aug. 15, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 704.38 ft, Mar. 20; minimum elevation, 698.92 ft, Oct. 1.

Elevation above NGVD 1929, feet
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY OBSERVATION AT 2400 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	699.00	699.90	699.93	700.25	700.10	700.25	700.37	700.33	700.29	700.44	700.27	700.18
2	699.06	699.93	699.89	700.20	700.03	700.14	700.34	700.34	700.23	701.58	700.41	700.15
3	699.10	699.89	699.91	700.17	699.97	700.14	700.30	700.39	700.48	701.20	700.36	700.10
4	699.12	699.88	699.99	700.15	700.05	700.17	700.32	700.44	700.55	700.45	701.04	700.10
5	699.13	699.99	700.88	700.05	700.07	700.17	700.33	700.44	700.46	700.39	700.62	700.09
6	699.12	700.19	700.53	700.12	700.11	700.65	700.48	701.70	700.66	700.30	700.43	700.10
7	699.13	700.04	700.25	700.10	700.13	700.42	700.80	701.67	701.43	700.28	700.39	700.11
8	699.13	699.93	700.16	700.09	700.17	700.22	700.17	700.93	701.23	700.26	700.32	700.07
9	699.14	699.89	700.08	700.09	700.16	700.28	700.47	700.50	700.71	700.34	700.31	700.07
10	699.17	699.99	700.10	700.08	700.08	700.18	701.46	700.47	700.42	700.28	700.26	700.06
11	699.22	700.18	700.52	700.06	700.07	700.13	700.69	700.40	700.43	700.31	700.30	700.06
12	699.26	700.36	700.34	699.99	700.02	700.12	700.28	700.37	700.35	700.46	701.01	700.05
13	699.42	700.22	700.74	700.06	700.00	700.16	700.50	700.30	700.33	700.48	700.53	700.04
14	699.48	700.13	700.58	700.12	700.02	700.17	700.42	700.28	700.32	700.39	700.39	700.04
15	700.12	700.12	700.45	699.99	700.11	700.24	700.39	700.31	700.28	700.70	700.28	700.05
16	700.65	700.33	700.29	699.96	700.13	700.60	700.31	700.32	700.26	700.48	700.26	700.04
17	700.31	700.38	700.11	700.06	700.17	700.49	---	700.33	700.30	700.25	700.42	700.02
18	700.13	700.28	700.04	700.00	700.18	700.72	700.58	700.37	700.31	700.20	700.32	699.98
19	700.07	700.09	700.11	699.95	700.16	701.49	700.49	700.34	700.36	700.25	700.18	699.99
20	699.94	700.06	700.75	700.08	700.15	703.25	700.50	700.33	700.32	700.21	700.19	699.99
21	699.88	700.06	700.45	700.10	700.14	701.52	700.41	700.42	700.27	700.23	700.23	699.99
22	699.87	700.02	700.28	700.02	701.28	700.76	700.33	703.15	700.17	700.21	700.25	700.26
23	700.01	700.01	700.16	699.96	700.91	700.54	700.32	701.83	700.15	700.22	700.33	700.30
24	699.91	699.98	701.32	700.03	700.47	700.53	700.26	700.92	700.21	700.17	700.24	700.13
25	699.88	699.96	701.01	700.02	700.30	700.43	700.26	700.68	700.20	700.13	700.17	700.10
26	699.92	699.96	700.49	700.03	700.18	700.41	700.38	700.54	700.14	700.20	700.14	700.07
27	699.92	699.94	700.29	700.00	700.26	700.38	700.26	700.46	700.26	700.17	700.14	700.10
28	699.94	699.94	700.23	700.00	700.25	700.30	700.35	700.45	700.20	700.07	700.14	700.10
29	699.98	699.97	700.20	700.10	---	700.42	700.25	700.37	700.19	700.25	700.14	700.07
30	700.03	699.97	700.11	700.17	---	700.52	700.24	700.36	700.24	700.25	700.12	700.05
31	699.95	---	700.15	700.13	---	700.39	---	700.33	---	700.98	700.10	---
MEAN	699.64	700.05	700.33	700.07	700.20	700.52	---	700.65	700.39	700.39	700.33	700.08
MAX	700.65	700.38	701.32	700.25	701.28	703.25	---	703.15	701.43	701.58	701.04	700.30
MIN	699.00	699.88	699.89	699.95	699.97	700.12	---	700.28	700.14	700.07	700.10	699.98

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 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	83	176	180	468	330	483	490	483	544	472	e1400	401
2	83	169	161	449	295	453	474	600	497	e1600	e758	407
3	83	164	140	425	210	343	441	571	608	e3200	731	358
4	84	150	172	393	224	381	420	794	852	1230	753	335
5	85	167	920	340	275	387	439	683	816	738	1910	334
6	84	415	1330	280	279	831	490	e2880	738	e638	920	324
7	77	353	697	349	329	840	e2100	e7460	1530	e601	745	337
8	69	213	418	318	349	535	1740	e3350	e3130	e614	674	330
9	e69	161	342	310	370	449	1080	1180	e1810	e618	665	306
10	e69	169	276	307	338	477	e1860	803	907	615	599	e306
11	e69	294	639	292	280	353	e3450	751	619	558	665	e298
12	69	543	772	265	262	332	1490	655	611	797	989	e288
13	72	598	848	221	227	330	767	594	551	875	1420	e287
14	71	394	1200	326	227	351	755	508	533	783	752	e273
15	130	333	929	294	253	357	668	e527	506	784	643	276
16	1280	425	665	204	336	802	648	542	463	981	568	e276
17	721	699	446	218	350	755	526	556	478	702	701	e266
18	465	608	283	287	383	1060	e1390	630	508	481	744	e238
19	318	411	274	203	371	1060	e1340	615	568	516	518	e273
20	247	283	870	254	358	e10000	855	573	551	511	416	e233
21	162	275	1010	311	343	e6000	776	597	491	503	477	e232
22	139	266	653	304	918	1740	670	e5000	411	505	503	252
23	172	236	492	231	2180	982	619	e11800	338	493	583	e604
24	214	217	1090	216	1050	739	611	e7000	343	468	553	e397
25	148	201	2260	251	624	667	597	e2000	414	390	465	e328
26	144	193	1130	234	456	561	630	996	329	454	402	e297
27	174	186	670	224	515	540	585	774	339	458	380	e270
28	175	177	503	220	503	465	541	727	427	383	365	e319
29	202	190	455	252	---	479	544	646	361	425	390	e287
30	249	191	410	370	---	e620	461	604	384	468	382	e272
31	236	---	339	360	---	605	---	582	---	1300	332	---
TOTAL	6243	8857	20574	9176	12635	33977	27457	55481	20657	23161	21403	9358
MEAN	201	295	664	296	451	1096	915	1790	689	747	690	312
MAX	1280	699	2260	468	2180	10000	3450	11800	3130	3200	1910	604
MIN	69	150	140	203	210	330	420	483	329	383	332	227
CFSM	0.74	1.08	2.43	1.08	1.65	4.01	3.35	6.56	2.52	2.74	2.53	1.14
IN.	0.85	1.21	2.80	1.25	1.72	4.63	3.74	7.56	2.81	3.16	2.92	1.28

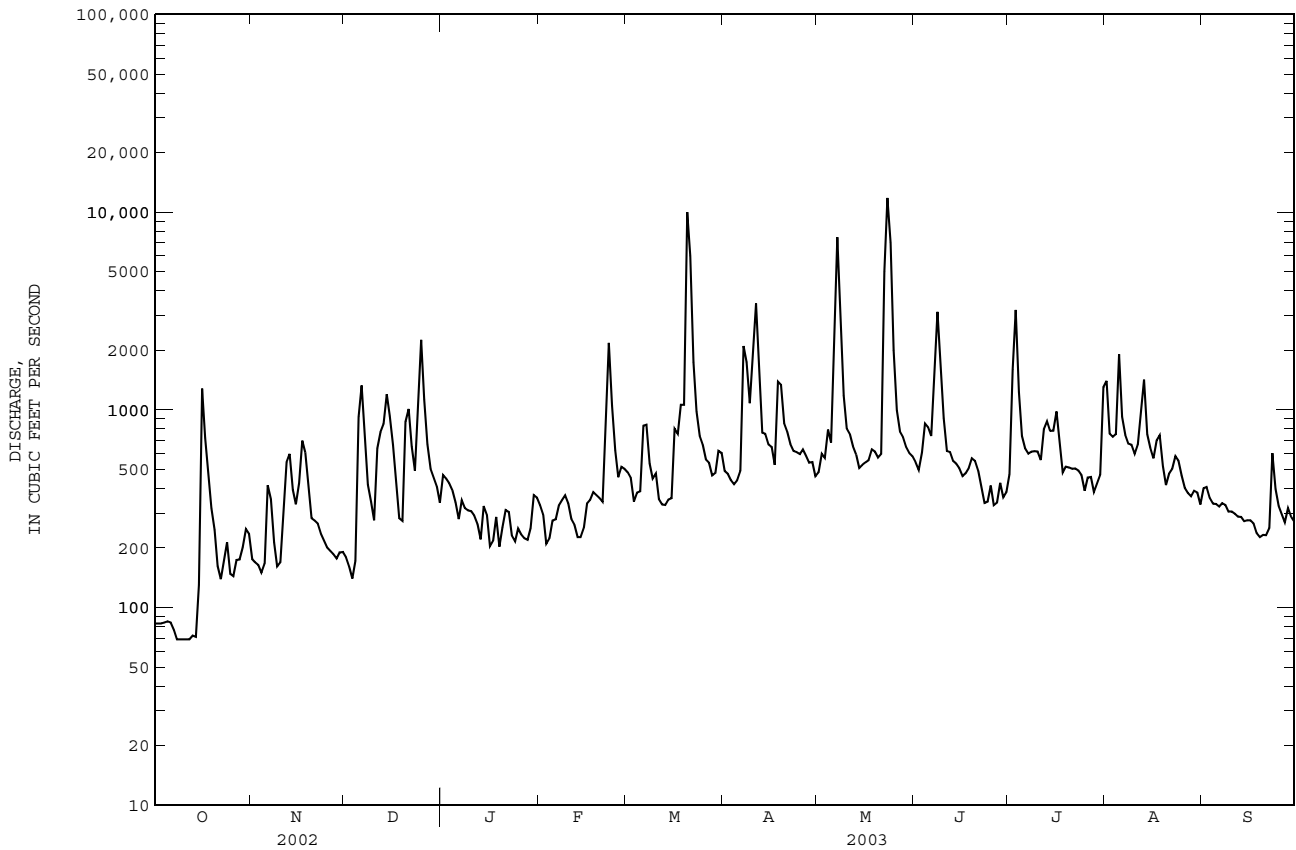
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1994 - 2003, BY WATER YEAR (WY)

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003		
MEAN	249	241	342	447	477	533	415	408	255	239	349	195
MAX	652	617	664	982	975	1096	915	1790	689	747	991	393
(WY)	1996	1996	2003	1995	1998	2003	2003	2003	2003	2003	1995	1995
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 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1994 - 2003	
ANNUAL TOTAL	76837		248979			
ANNUAL MEAN	211		682		344	
HIGHEST ANNUAL MEAN					682 2003	
LOWEST ANNUAL MEAN					143 2002	
HIGHEST DAILY MEAN	2260	Dec 25	e 11800	May 23	e 11800	May 23 2003
LOWEST DAILY MEAN	44	Sep 11	69	a Oct 8	44	Sep 11 2002
ANNUAL SEVEN-DAY MINIMUM	51	Sep 7	70	Oct 8	51	Sep 7 2002
MAXIMUM PEAK FLOW			Unknown	May 23	c 12000	Aug 28 1995
MAXIMUM PEAK STAGE			b 17.10	May 23	17.10	d Aug 28 1995
ANNUAL RUNOFF (CFSM)	0.77		2.50		1.26	
ANNUAL RUNOFF (INCHES)	10.47		33.93		17.14	
10 PERCENT EXCEEDS	413		1070		597	
50 PERCENT EXCEEDS	152		461		231	
90 PERCENT EXCEEDS	65		191		82	

- a Also occurred Oct. 9-12.
- b From crest stage gage.
- c On basis of computation of peak flow over Lake Blalock Dam, at site and datum then in use.
- d Also occurred May 23, 2003.
- e Estimated

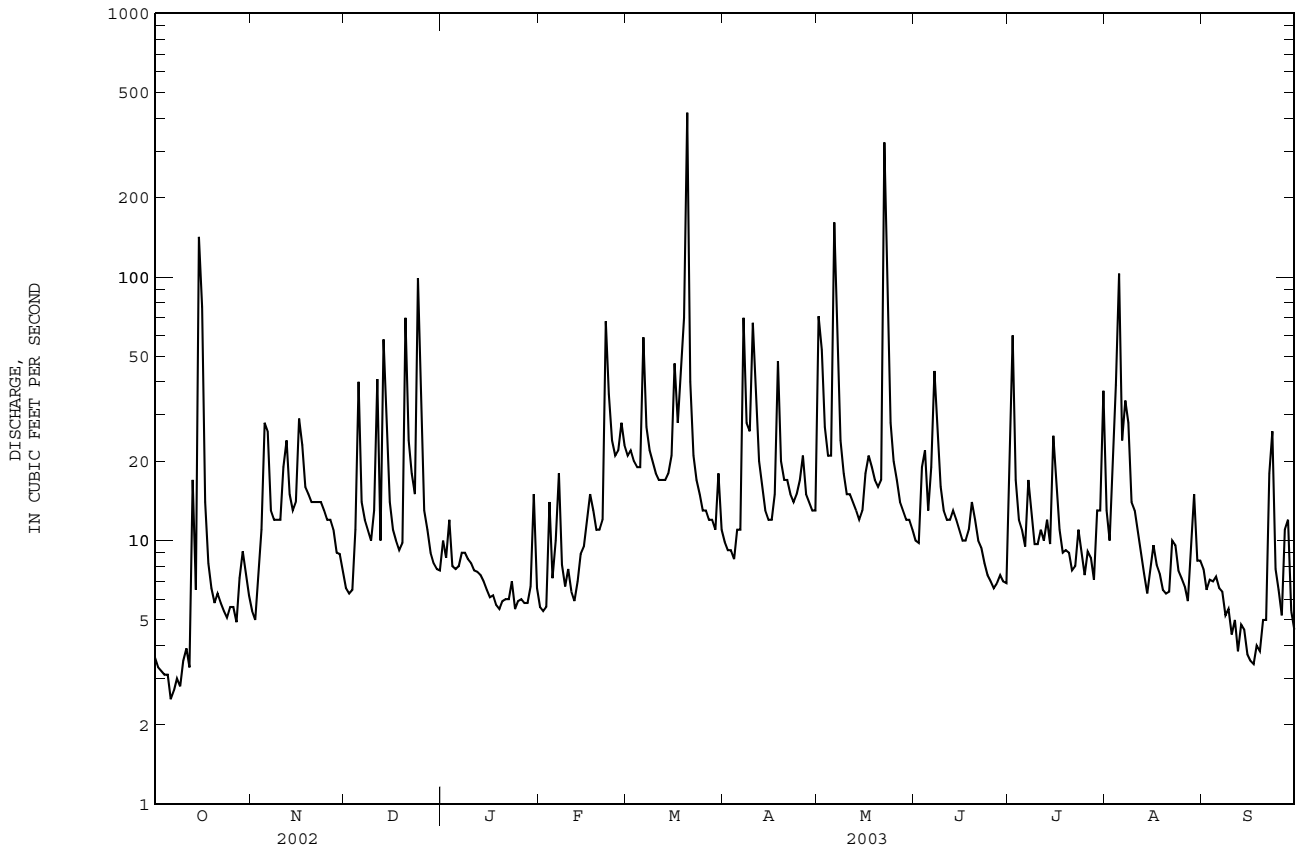


02156050 LAWSONS FORK CREEK AT DEWEY PLANT NEAR INMAN, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1980 - 2003	
ANNUAL TOTAL	2789.63		6535.8		9.27	
ANNUAL MEAN	7.64		17.9		17.9	
HIGHEST ANNUAL MEAN					2003	
LOWEST ANNUAL MEAN					4.66	
HIGHEST DAILY MEAN	142	Oct 15	420	Mar 20	420	Mar 20 2003
LOWEST DAILY MEAN	0.37	a Aug 7	2.5	Oct 6	0.37	a Aug 7 2002
ANNUAL SEVEN-DAY MINIMUM	0.45	Aug 7	2.9	Oct 3	0.45	Aug 7 2002
MAXIMUM PEAK FLOW			Unknown		Unknown	
MAXIMUM PEAK STAGE			8.63		8.63	
ANNUAL RUNOFF (CFSM)	1.18		2.77		1.44	
ANNUAL RUNOFF (INCHES)	16.06		37.64		19.51	
10 PERCENT EXCEEDS	14		28		14	
50 PERCENT EXCEEDS	4.5		11		6.8	
90 PERCENT EXCEEDS	0.87		5.5		3.2	

a Also occurred Aug. 14, 2002.

e Estimated



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.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height 339.40 ft, Mar. 21, 2003; minimum gage height, unknown, Jul. 7-14, 1997.

EXTREMES FOR CURRENT YEAR.--Maximum gage height 339.40 ft, Mar. 21; minimum gage height, 329.31, Jun. 24.

DAY	Gage height, feet											
	WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003											
	DAILY OBSERVATION AT 2400 HOURS											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	332.96	332.61	332.50	333.07	332.38	332.79	332.66	332.09	332.21	333.42	334.17	332.68
2	333.02	333.85	332.76	333.58	332.85	332.64	331.74	333.51	332.40	334.92	332.60	332.96
3	333.01	332.48	333.45	333.04	333.13	331.43	331.11	334.13	332.17	334.50	332.48	332.42
4	333.28	333.09	333.36	333.17	333.79	333.40	330.81	334.28	333.47	333.13	332.64	333.25
5	332.76	332.28	334.14	332.92	333.16	333.37	331.80	334.11	333.03	332.28	334.46	332.46
6	333.32	332.82	334.36	333.65	333.24	334.73	332.43	334.84	332.49	332.18	334.05	333.01
7	333.72	332.78	333.92	333.30	333.66	333.77	334.83	335.24	334.05	331.07	334.04	332.97
8	333.34	333.45	331.95	332.27	332.50	333.03	334.30	334.72	335.91	332.05	333.66	332.61
9	332.66	332.28	333.65	333.50	333.24	332.23	334.53	333.44	335.23	331.78	332.89	332.76
10	332.54	333.41	331.71	332.85	332.63	331.56	335.82	332.72	334.14	332.73	332.29	333.09
11	332.77	332.23	332.84	333.57	333.00	334.06	337.42	332.33	333.42	331.92	333.18	332.79
12	333.13	334.73	334.11	332.17	332.53	332.62	335.62	332.00	333.56	331.88	332.69	332.72
13	333.44	334.27	334.76	333.87	332.74	332.53	333.90	331.95	333.52	332.88	333.17	332.63
14	333.09	333.27	334.70	332.57	332.41	333.66	333.32	333.08	332.63	333.98	332.30	333.30
15	331.84	333.00	333.69	333.89	333.16	332.59	333.30	333.43	332.11	332.44	332.76	333.11
16	334.47	334.54	332.60	333.92	332.78	334.58	333.00	333.72	331.83	332.10	332.31	332.96
17	334.25	334.44	333.18	333.09	332.90	334.17	332.69	334.07	333.01	332.09	332.60	332.92
18	332.28	333.89	332.80	332.31	333.95	334.60	336.88	333.95	332.97	331.29	333.36	332.35
19	332.46	332.48	332.90	332.94	333.05	333.98	337.20	333.95	333.42	331.60	333.36	332.96
20	331.79	332.28	333.87	333.12	332.53	337.79	334.62	334.04	333.06	332.27	331.91	332.21
21	332.63	333.98	334.28	332.84	332.38	339.13	334.22	334.03	332.35	331.31	331.47	332.61
22	332.52	332.62	333.31	332.56	334.74	335.72	333.84	336.28	330.93	330.92	331.45	332.37
23	333.63	333.44	333.45	333.80	335.03	334.22	333.46	339.04	331.15	332.71	332.02	334.36
24	332.85	331.95	334.76	332.45	333.52	333.77	333.19	336.47	331.99	334.01	331.76	333.86
25	333.33	333.27	335.37	333.96	332.54	333.40	333.12	335.22	333.14	332.59	330.80	332.87
26	333.61	333.00	333.26	333.06	331.98	333.05	333.41	334.30	332.05	333.30	332.70	332.36
27	332.49	333.66	332.79	333.34	333.60	332.88	333.24	334.04	334.02	332.94	332.26	332.99
28	332.80	332.10	332.33	334.15	333.26	332.61	332.87	333.66	333.41	333.11	332.82	332.46
29	332.45	332.19	331.64	332.22	---	331.92	332.71	333.33	333.23	332.12	333.19	333.19
30	333.16	332.66	333.04	333.77	---	333.24	331.89	333.16	332.51	333.88	333.18	332.78
31	332.48	---	332.40	333.47	---	333.00	---	332.92	---	334.74	333.24	---
MAX	334.47	334.73	335.37	334.15	335.03	339.13	337.42	339.04	335.91	334.92	334.46	334.36
MIN	331.79	331.95	331.64	332.17	331.98	331.43	330.81	331.95	330.93	330.92	330.80	332.21
(+)	142.2	146.0	140.5	163.3	158.8	153.3	129.6	151.6	142.8	Unknown	158.4	148.6
(*)	+1.27	+1.47	-2.05	+8.51	-1.86	-2.05	-9.14	+8.21	-3.40	Unknown	Unknown	-3.78
CAL YR 2002	*	-0.06	MAX 335.37	MIN 327.98								
WTR YR 2003	*	+0.31	MAX 338.93	MIN 330.72								

(+) CONTENTS, IN MILLIONS OF CUBIC FEET, AT END OF MONTH.

(*) CHANGE IN CONTENT, EQUIVALENT IN CUBIC FEET PER SECOND.

SANTEE RIVER BASIN

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 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	831	1640	1790	3670	4590	6290	5720	4260	4930	3320	14900	3220
2	1040	1360	1640	3970	3160	5710	4880	4080	4270	8110	10400	3170
3	862	1780	1420	4030	2770	5340	4220	4420	4120	18600	6440	3510
4	725	953	1620	3450	2430	3940	4060	4820	7170	12600	5760	3080
5	734	1440	2450	3380	3040	4150	3940	4910	7200	7350	10700	3790
6	549	2100	6530	2500	2760	9580	4040	5990	5800	5470	13100	3200
7	375	2900	5870	2880	3720	14300	8060	16900	6160	4740	10600	3000
8	774	1970	4580	3060	4230	8110	17500	19900	15000	4060	11700	2520
9	743	1910	3160	2920	3230	6100	15400	13700	22400	4330	9380	2430
10	512	1440	3230	3290	3220	4880	20200	8140	13400	4100	6730	2500
11	1120	1940	2880	2610	3020	3650	36300	6380	8100	4420	6540	2870
12	1190	3950	e4500	3180	2800	4080	35700	5610	6500	4420	6840	2770
13	783	8220	e7000	1890	2850	3600	15300	5130	6360	4320	7820	2800
14	1070	5440	e8800	2530	2940	3230	9600	4460	5510	12200	6870	2080
15	1300	3890	e7400	2370	2870	3710	7530	4060	5000	7850	5330	2180
16	1920	3370	e4800	2680	3320	6140	6430	4100	4620	5370	5730	2240
17	6580	7970	e3700	2670	3330	8320	5640	4540	5560	4920	6280	2610
18	4390	e6000	e3600	2330	3360	10900	15000	4810	5850	4380	7390	2760
19	2560	e5000	3410	2450	4010	11900	39300	4630	5500	3930	8050	2320
20	2100	e4500	3500	2490	3980	26400	25300	4370	6700	4470	6500	2230
21	1130	2850	5540	2470	3560	62200	10500	4330	5530	4380	4530	1900
22	1060	3040	5720	2110	4480	51600	8920	7980	4750	3530	4040	1910
23	1020	2390	4190	2320	16800	15800	7570	46600	3900	3220	4310	2480
24	1300	2920	5620	3010	14300	8810	6470	50400	3530	3640	4610	4960
25	1020	1670	17800	1910	7540	7010	5800	23000	3340	3910	3920	3790
26	1060	1870	15700	2450	5700	6050	5610	13700	3350	2970	3160	2810
27	1660	2070	7670	1910	6790	5460	6110	9480	2510	3340	3130	2400
28	1140	2720	5930	1740	9120	5060	5330	8020	3950	2900	2890	2710
29	1350	1800	4960	e2200	---	4780	4710	6730	3930	2700	2900	2240
30	1730	1780	3890	e4500	---	4880	4560	5900	3490	2800	3140	2670
31	2010	---	3900	6450	---	6700	---	5420	---	4930	3340	---
TOTAL	44638	90883	162800	89420	133920	328680	349700	316770	188430	167280	207030	83150
MEAN	1440	3029	5252	2885	4783	10600	11660	10220	6281	5396	6678	2772
MAX	6580	8220	17800	6450	16800	62200	39300	50400	22400	18600	14900	4960
MIN	375	953	1420	1740	2430	3230	3940	4060	2510	2700	2890	1900
CFSM	0.52	1.09	1.88	1.03	1.71	3.80	4.18	3.66	2.25	1.93	2.39	0.99
IN.	0.60	1.21	2.17	1.19	1.79	4.38	4.66	4.22	2.51	2.23	2.76	1.11

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 2003, BY WATER YEAR (WY)

	3036	3004	3724	4816	5633	6218	5173	3880	3171	2742	2922	2407
MEAN	14720	8651	7549	10610	13040	14920	11660	10220	6763	8092	9495	9885
MAX (WY)	1965	1958	1946	1978	1960	1952	2003	2003	1973	1941	1949	1945
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

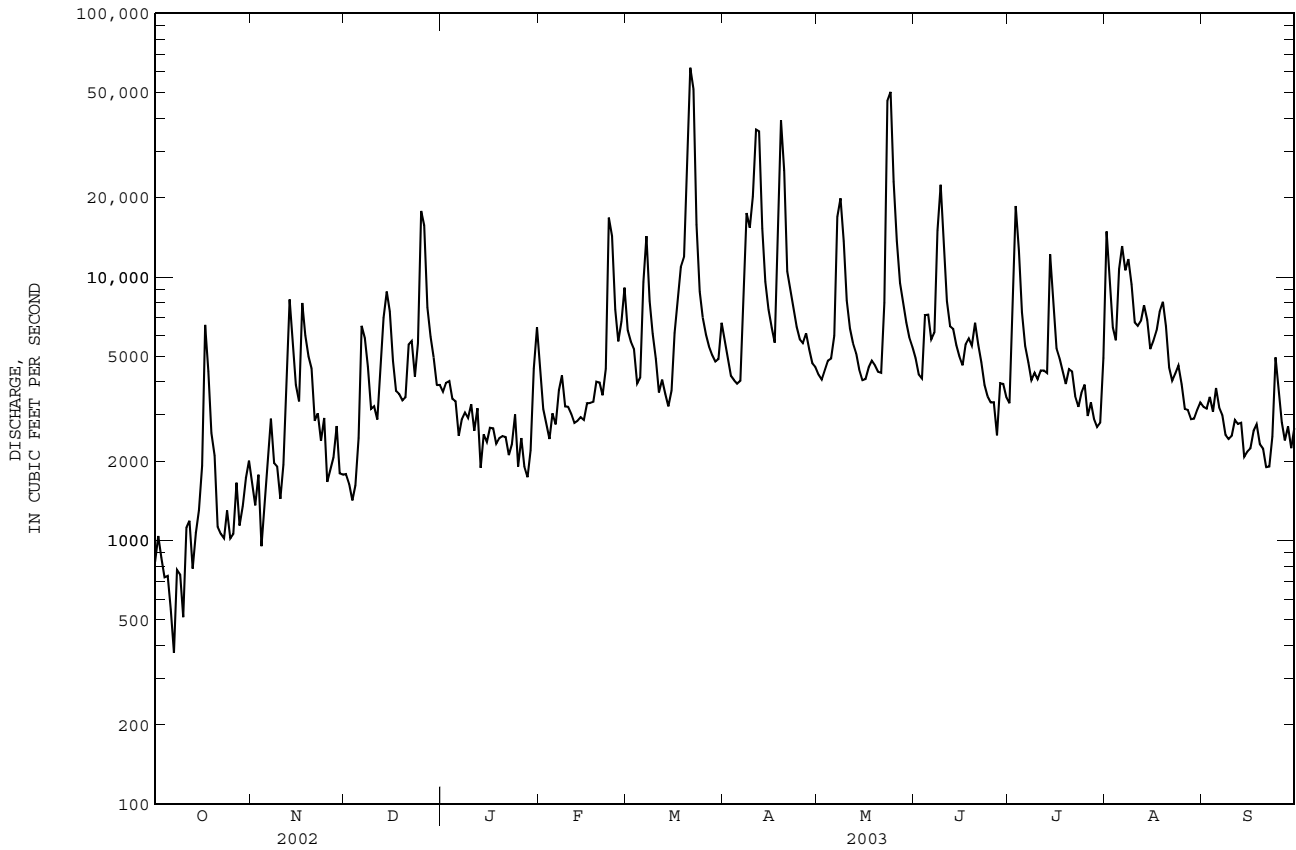
SANTEE RIVER BASIN

02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1939 - 2003	
ANNUAL TOTAL	673392		2162701		3886	
ANNUAL MEAN	1845		5925		5977	
HIGHEST ANNUAL MEAN					1965	
LOWEST ANNUAL MEAN					1255	
HIGHEST DAILY MEAN	17800	Dec 25	62200	Mar 21	114000	Oct 10 1976
LOWEST DAILY MEAN	180	Sep 11	375	Oct 7	44	Sep 2 1956
ANNUAL SEVEN-DAY MINIMUM	220	Aug 9	630	Oct 4	220	Aug 9 2002
MAXIMUM PEAK FLOW			69400	Mar 21	a 123000	Oct 10 1976
MAXIMUM PEAK STAGE			24.96	Mar 21	31.51	Oct 10 1976
ANNUAL RUNOFF (CFSM)	0.66		2.12		1.39	
ANNUAL RUNOFF (INCHES)	8.98		28.84		18.92	
10 PERCENT EXCEEDS	3890		10800		6720	
50 PERCENT EXCEEDS	1370		4080		2830	
90 PERCENT EXCEEDS	391		1780		1280	

a From rating curve extended above 66,000 ft³/s on basis of computation of peak flow over Neal Shoals Dam.

e Estimated



SANTEE RIVER BASIN

02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	107	92	96	---	---	---	79	77	78	80	73	75
2	113	96	105	---	---	---	79	77	78	78	74	76
3	104	96	100	---	---	---	83	77	80	78	71	75
4	102	98	100	95	73	84	86	82	84	78	73	75
5	109	96	99	91	88	89	89	86	88	75	69	71
6	119	105	110	---	---	---	---	---	---	70	64	67
7	116	103	108	---	---	---	---	---	---	64	53	58
8	111	98	104	---	---	---	---	---	---	53	51	52
9	114	101	109	---	---	---	---	---	---	55	52	53
10	115	105	109	---	---	---	---	---	---	59	53	57
11	115	104	111	89	79	82	---	---	---	63	58	61
12	113	99	104	86	81	84	---	---	---	66	62	64
13	112	98	103	97	85	93	---	---	---	66	64	66
14	124	105	116	101	89	97	---	---	---	71	66	68
15	119	111	114	102	96	99	---	---	---	74	70	71
16	116	99	109	---	---	---	---	---	---	76	74	74
17	106	98	102	---	---	---	---	---	---	78	75	76
18	102	92	96	---	---	---	---	---	---	77	73	75
19	101	96	98	---	---	---	---	---	---	75	71	73
20	114	101	108	---	---	---	---	---	---	75	72	74
21	115	102	111	---	---	---	---	---	---	78	71	73
22	108	79	96	---	---	---	---	---	---	74	55	70
23	92	65	77	---	---	---	---	---	---	55	42	46
24	66	59	62	---	---	---	68	63	65	49	44	46
25	65	61	63	---	---	---	71	68	69	52	49	51
26	73	65	69	74	62	67	73	69	71	56	52	54
27	77	51	65	78	68	74	72	70	71	59	56	57
28	67	54	63	79	75	76	72	69	70	60	57	58
29	---	---	---	80	77	79	74	70	71	63	58	62
30	---	---	---	83	78	80	74	70	72	68	62	65
31	---	---	---	79	76	78	---	---	---	71	67	68
MONTH	124	51	97	---	---	---	---	---	---	80	42	65

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	71	68	70	84	77	80	85	44	56	88	79	85
2	75	68	70	81	60	68	56	48	53	89	80	85
3	79	71	74	63	47	55	58	54	56	88	83	86
4	74	66	72	51	48	50	60	58	59	87	78	83
5	68	65	67	56	51	54	63	53	58	84	79	81
6	70	64	67	58	55	57	56	53	54	84	80	82
7	68	63	65	59	56	57	59	53	56	83	80	82
8	68	54	62	60	58	59	59	53	57	88	82	85
9	54	45	49	65	59	63	60	50	56	93	84	88
10	54	51	53	67	65	66	63	59	61	99	89	94
11	58	53	56	71	66	69	66	63	64	101	94	96
12	63	58	61	72	69	71	66	63	64	99	90	94
13	64	61	63	78	71	76	64	60	62	94	89	91
14	69	64	66	77	48	61	63	59	61	92	90	91
15	70	68	69	57	48	52	71	63	67	95	89	92
16	72	67	69	65	55	60	73	68	71	99	81	92
17	70	65	68	70	65	67	73	67	70	97	80	89
18	67	64	65	76	70	73	68	62	65	95	82	87
19	65	63	64	80	76	78	65	61	63	89	77	82
20	68	64	67	81	78	79	71	62	67	100	78	88
21	68	64	66	83	79	81	79	71	75	109	98	104
22	69	66	67	80	77	78	84	76	78	113	86	100
23	72	69	71	81	77	79	82	78	79	119	87	95
24	75	72	73	81	78	79	84	79	81	---	---	---
25	79	72	75	83	80	81	81	79	80	82	74	77
26	80	73	76	87	80	83	83	75	79	78	73	75
27	85	76	81	83	80	82	82	76	80	97	74	78
28	85	80	82	89	82	85	87	81	84	98	87	92
29	86	79	83	86	82	84	95	86	89	309	88	145
30	82	78	80	88	82	84	94	87	91	300	84	114
31	---	---	---	88	83	86	93	86	89	---	---	---
MONTH	86	45	68	89	47	71	95	44	69	---	---	---

SANTEE RIVER BASIN

02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

pH, water, unfiltered, field, standard units
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	7.1	6.5	7.4	7.0	7.4	6.7	7.0	6.8	7.0	6.8	6.5	6.3
2	7.0	6.7	7.3	6.8	7.2	6.5	7.0	6.8	7.1	6.5	6.6	6.1
3	7.0	6.5	7.1	6.9	6.9	6.2	7.0	6.8	7.0	6.6	6.5	5.9
4	6.8	6.5	7.3	6.9	7.4	6.7	7.0	6.8	7.3	6.5	6.4	6.0
5	7.0	6.5	7.4	7.1	7.5	6.8	6.9	6.7	7.4	6.9	6.7	6.1
6	7.2	6.4	7.5	7.0	7.3	7.1	6.9	6.6	7.1	6.8	6.7	5.9
7	7.3	6.6	7.3	7.0	7.2	7.0	6.8	6.4	7.0	6.8	6.5	6.2
8	6.8	6.1	7.2	6.8	7.2	7.0	6.8	6.4	7.0	6.7	6.7	6.3
9	6.7	6.1	7.2	7.0	7.5	7.1	6.6	6.3	7.1	6.7	6.8	6.2
10	7.4	6.4	7.3	7.0	7.7	7.1	6.4	5.7	7.2	6.8	6.9	6.5
11	7.3	6.7	7.3	7.1	7.8	7.1	6.0	5.5	7.3	6.6	6.7	5.9
12	7.2	7.1	7.3	6.9	---	---	5.7	5.4	7.3	6.6	6.3	6.0
13	7.2	7.0	7.1	6.7	---	---	6.6	5.3	7.5	6.3	7.2	5.9
14	7.1	6.8	6.9	6.7	---	---	6.6	6.0	7.1	6.0	7.4	7.1
15	7.3	6.8	6.8	6.6	---	---	6.9	6.1	7.2	6.3	7.5	7.2
16	7.3	7.0	7.1	6.6	---	---	6.7	5.7	7.1	6.5	7.7	7.3
17	7.1	6.8	7.1	6.9	---	---	7.4	6.7	7.0	6.8	7.7	7.3
18	6.8	6.6	---	---	---	---	7.3	6.9	7.0	6.8	7.6	7.1
19	6.8	6.6	---	---	7.2	7.1	7.2	6.6	7.1	6.8	7.7	7.1
20	6.8	6.5	---	---	7.5	7.2	7.3	6.9	7.0	6.6	7.6	7.3
21	7.0	6.8	7.1	6.9	7.4	7.0	7.3	6.4	7.0	6.6	7.4	7.1
22	7.1	6.8	7.1	6.6	7.1	6.9	7.6	7.2	6.8	6.4	7.5	7.1
23	7.4	7.0	6.8	6.3	7.0	6.7	7.6	7.2	6.6	6.0	7.4	7.0
24	7.2	6.8	7.4	6.1	7.1	6.7	7.5	7.1	6.3	5.9	---	---
25	7.2	7.1	7.3	6.6	6.9	6.6	7.4	6.8	6.4	5.9	---	---
26	7.3	7.0	7.0	6.7	6.7	6.5	7.5	6.6	6.6	6.1	---	---
27	7.2	7.0	7.3	6.9	6.8	6.3	7.6	7.1	6.7	6.0	---	---
28	7.2	7.0	7.2	6.7	---	---	7.6	6.5	6.4	6.0	7.1	6.8
29	7.3	7.1	7.3	6.4	6.8	6.6	---	---	---	---	6.9	6.7
30	7.3	7.2	7.6	6.5	6.7	6.6	---	---	---	---	6.9	6.8
31	7.4	7.1	---	---	6.8	6.6	6.9	6.8	---	---	6.9	6.7
MONTH	7.4	6.1	---	---	---	---	---	---	7.5	5.9	---	---

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	6.9	6.7	7.0	6.9	7.2	7.0	---	---	7.0	6.5	7.1	7.0
2	6.9	6.8	7.1	7.0	7.2	7.0	---	---	6.8	6.6	7.2	7.0
3	6.9	6.8	7.1	6.9	7.4	7.0	7.0	6.8	6.8	6.7	7.2	7.0
4	6.9	6.8	7.0	7.0	7.4	7.2	6.9	6.8	6.9	6.8	7.1	7.0
5	7.0	6.9	7.0	7.0	---	---	6.9	6.9	6.9	6.8	7.2	7.0
6	7.0	6.9	7.0	6.9	---	---	6.9	6.9	6.8	6.7	7.1	7.0
7	6.9	6.7	6.9	6.8	---	---	7.0	6.9	6.8	6.7	7.2	7.0
8	6.8	6.7	6.8	6.8	---	---	7.1	7.0	6.8	6.7	7.2	7.1
9	6.7	6.6	6.8	6.8	---	---	7.1	7.0	6.8	6.6	7.3	7.1
10	6.7	6.6	6.9	6.8	---	---	7.2	7.1	6.9	6.8	7.5	7.1
11	6.6	6.4	7.0	6.9	---	---	7.2	7.1	7.0	6.9	7.4	7.2
12	6.5	6.4	7.0	6.9	---	---	7.1	7.0	7.0	6.9	7.3	7.2
13	6.6	6.5	7.1	7.0	---	---	7.1	7.0	6.9	6.8	7.4	7.1
14	6.7	6.6	7.1	7.0	---	---	7.1	6.8	6.9	6.8	7.4	7.1
15	6.7	6.6	7.1	7.0	---	---	6.8	6.7	6.9	6.8	7.5	7.1
16	6.8	6.7	7.1	7.0	---	---	6.9	6.8	7.0	6.9	7.7	7.1
17	6.8	6.7	7.1	7.0	---	---	7.0	6.9	7.0	6.9	7.6	7.2
18	6.9	6.4	7.0	6.9	---	---	7.0	7.0	6.9	6.8	7.4	7.2
19	6.5	6.4	7.1	7.0	---	---	7.0	6.9	6.8	6.8	7.4	7.1
20	6.6	6.4	7.1	7.0	---	---	7.0	7.0	6.8	6.8	7.5	7.1
21	6.7	6.6	7.3	7.0	---	---	7.0	7.0	6.9	6.8	7.5	7.1
22	6.8	6.7	7.2	7.0	---	---	7.1	7.0	7.0	6.8	---	---
23	6.8	6.8	7.0	6.7	---	---	7.1	6.8	7.0	6.9	---	---
24	6.9	6.8	6.9	6.8	---	---	7.1	7.0	7.0	6.9	---	---
25	6.9	6.8	6.9	6.7	---	---	7.1	7.0	7.0	6.9	---	---
26	6.9	6.9	7.0	6.9	---	---	7.2	6.6	7.0	6.7	---	---
27	7.0	6.9	7.1	7.0	---	---	7.1	7.0	7.1	6.9	---	---
28	7.0	6.9	7.2	6.9	---	---	7.3	6.7	7.1	7.0	---	---
29	7.0	6.9	7.1	7.0	---	---	7.3	6.6	7.2	7.0	---	---
30	7.1	6.9	7.2	7.0	---	---	7.3	6.6	7.2	7.0	---	---
31	---	---	7.2	7.0	---	---	7.1	7.0	7.1	7.0	---	---
MONTH	7.1	6.4	7.3	6.7	---	---	---	---	7.2	6.5	---	---

SANTEE RIVER BASIN

02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	25.1	22.9	24.0	16.5	15.0	15.6	8.2	6.6	7.4	8.3	7.0	7.7
2	24.9	23.1	24.1	15.7	14.1	14.9	7.9	6.1	7.1	9.0	8.3	8.7
3	25.8	23.6	24.8	14.8	14.0	14.4	8.4	6.4	7.5	9.6	9.0	9.3
4	25.9	23.9	25.0	14.3	13.8	14.0	7.7	6.1	6.7	9.2	8.5	8.8
5	26.6	24.3	25.7	13.9	13.4	13.6	6.2	5.9	6.0	8.5	7.7	8.1
6	26.8	24.7	25.7	14.1	13.3	13.5	6.1	5.5	5.7	8.3	6.8	7.5
7	26.6	24.4	25.4	13.3	12.5	12.9	6.1	5.5	5.8	6.8	5.8	6.4
8	25.6	23.2	24.3	13.2	11.8	12.5	6.0	5.4	5.8	6.6	5.9	6.1
9	23.2	22.4	22.7	13.4	11.5	12.4	6.2	5.6	5.9	7.4	6.1	6.7
10	23.7	21.7	22.6	14.4	12.7	13.5	6.3	5.8	6.1	8.5	7.4	8.0
11	22.4	20.3	21.6	15.5	14.1	14.9	6.7	6.2	6.4	8.4	7.5	7.9
12	23.4	21.5	22.5	16.0	15.3	15.6	---	---	---	7.8	6.6	7.0
13	22.6	21.7	22.0	15.5	14.8	15.3	---	---	---	7.0	5.7	6.5
14	21.8	20.6	21.2	14.8	13.5	14.2	---	---	---	6.5	5.4	5.8
15	20.6	18.7	19.6	13.5	12.6	13.0	---	---	---	6.3	4.7	5.4
16	19.3	16.4	18.3	13.1	12.6	12.7	---	---	---	5.0	4.6	4.8
17	18.8	16.8	17.4	12.7	12.4	12.6	---	---	---	5.5	4.3	5.0
18	17.0	16.2	16.7	---	---	---	---	---	---	5.1	3.5	4.2
19	16.8	15.8	16.4	---	---	---	7.8	7.1	7.4	4.8	3.4	4.0
20	16.5	16.0	16.2	---	---	---	9.3	7.8	8.7	4.9	3.4	4.0
21	17.5	16.4	17.0	11.3	10.5	11.0	9.0	8.4	8.7	6.1	4.1	5.3
22	17.0	16.4	16.6	11.4	10.5	10.9	8.5	7.9	8.2	7.2	5.7	6.3
23	17.4	16.4	16.8	11.0	9.8	10.3	8.1	7.5	7.9	6.1	4.3	5.4
24	17.8	16.8	17.2	11.4	9.5	10.0	8.0	7.5	7.8	4.4	3.4	3.8
25	17.1	16.7	16.9	10.8	9.0	9.9	7.8	7.6	7.7	4.1	2.8	3.3
26	17.3	16.4	16.8	10.4	8.5	9.5	7.6	6.8	7.3	4.5	2.8	3.6
27	17.7	16.6	17.2	9.9	8.9	9.4	6.8	6.2	6.5	4.8	3.4	3.9
28	17.7	17.1	17.4	9.2	8.0	8.6	6.4	5.7	6.1	4.8	3.0	4.0
29	17.5	16.6	17.0	8.7	6.9	7.8	6.2	5.2	5.8	---	---	---
30	16.6	16.0	16.4	9.3	7.4	8.1	6.5	5.5	6.0	---	---	---
31	16.4	15.3	15.8	---	---	---	7.0	5.8	6.3	6.0	5.9	6.0
MONTH	26.8	15.3	20.0	---	---	---	---	---	---	---	---	---

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	6.8	5.8	6.3	8.4	7.6	8.0	13.9	12.6	13.4	21.5	20.0	20.8
2	7.7	6.2	7.0	9.4	8.4	8.8	15.2	13.0	14.2	22.2	20.4	21.4
3	8.6	7.3	8.0	10.3	8.9	9.6	16.9	14.3	15.6	21.5	20.8	21.2
4	10.8	8.5	9.8	11.1	9.5	10.3	17.9	15.9	17.0	21.1	20.2	20.5
5	10.6	9.4	9.8	11.7	10.7	11.2	18.0	17.1	17.6	20.3	18.6	19.3
6	9.6	8.5	9.1	12.2	11.6	11.8	18.0	17.2	17.7	18.6	17.7	18.2
7	8.5	7.9	8.1	12.2	11.6	11.9	17.8	14.6	16.2	18.1	17.6	17.8
8	8.0	7.1	7.6	11.6	10.9	11.2	14.6	13.1	13.9	19.1	17.7	18.4
9	7.5	6.8	7.2	12.3	10.8	11.5	13.1	11.9	12.5	20.8	18.7	19.8
10	7.7	7.1	7.4	13.3	11.7	12.5	11.9	10.9	11.3	22.2	20.1	21.2
11	7.7	6.8	7.4	13.3	12.1	12.6	10.9	10.5	10.7	22.6	21.8	22.1
12	8.2	7.1	7.5	13.5	12.0	12.9	12.4	10.8	11.6	22.2	21.2	21.7
13	8.3	6.9	7.5	14.6	12.8	13.6	14.4	12.4	13.5	21.5	20.1	20.9
14	7.7	7.1	7.5	14.7	14.2	14.5	15.8	13.8	14.9	20.8	19.8	20.4
15	8.4	7.6	8.0	14.4	13.5	14.0	17.2	15.4	16.3	20.4	19.7	20.1
16	8.3	6.7	7.6	13.5	12.4	13.0	18.2	16.4	17.3	21.0	19.8	20.3
17	6.7	5.9	6.3	13.2	12.3	12.7	18.4	17.0	17.8	20.9	20.0	20.4
18	6.1	5.5	5.8	13.6	13.0	13.3	17.9	15.1	16.5	20.0	18.8	19.5
19	7.3	5.8	6.4	14.3	13.5	13.9	15.1	13.9	14.3	18.8	17.5	18.1
20	8.8	7.1	8.0	13.9	11.8	12.8	14.4	13.8	14.1	18.2	17.1	17.7
21	9.4	8.6	9.0	12.1	11.4	11.7	15.0	14.3	14.6	18.6	17.8	18.3
22	10.4	9.1	9.7	13.3	12.1	12.7	16.4	14.9	15.6	18.8	17.6	18.4
23	10.2	9.4	9.8	14.0	13.2	13.6	17.0	15.4	16.2	17.6	17.1	17.2
24	9.7	9.1	9.4	14.7	13.4	14.1	17.1	15.8	16.5	17.8	17.2	17.5
25	9.8	8.9	9.4	15.4	13.9	14.7	16.7	16.0	16.2	18.6	17.6	18.1
26	9.6	9.0	9.5	16.4	14.7	15.5	17.1	15.7	16.4	19.6	18.2	18.9
27	9.0	6.8	8.0	17.1	15.7	16.4	17.6	16.1	16.8	20.4	19.2	19.8
28	7.6	7.2	7.4	17.3	16.2	16.9	18.9	17.1	18.1	20.5	19.2	19.9
29	---	---	---	18.3	16.7	17.5	20.1	18.1	19.2	20.8	19.5	20.2
30	---	---	---	17.9	15.7	16.7	21.1	19.2	20.3	20.8	19.5	20.3
31	---	---	---	15.7	13.8	14.6	---	---	---	21.2	19.8	20.5
MONTH	10.8	5.5	8.0	18.3	7.6	13.0	21.1	10.5	15.5	22.6	17.1	19.6

SANTEE RIVER BASIN

02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

Temperature, water, degrees Celsius
 WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	21.6	20.1	20.9	25.2	24.2	24.7	27.2	24.2	25.1	28.0	26.6	27.3
2	22.2	20.3	21.3	24.2	22.0	23.0	24.9	24.0	24.4	27.6	26.4	27.1
3	21.8	20.9	21.2	22.1	21.6	21.9	25.3	24.4	24.8	27.6	26.6	27.2
4	20.9	20.3	20.6	23.9	21.9	22.9	26.0	24.6	25.2	27.5	26.9	27.2
5	21.8	19.9	20.9	24.8	23.2	23.9	25.4	23.5	24.4	27.0	26.2	26.7
6	22.2	20.9	21.6	25.4	24.2	24.8	24.0	23.2	23.6	26.6	25.0	25.5
7	21.9	21.6	21.8	26.0	24.4	25.3	24.5	23.5	24.0	25.0	24.1	24.4
8	21.7	21.0	21.4	27.0	24.9	26.0	24.8	23.7	24.3	24.1	23.5	23.8
9	21.8	20.9	21.4	27.5	25.5	26.6	24.9	23.6	24.3	24.3	23.2	23.7
10	22.8	21.3	22.0	27.2	26.0	26.8	24.6	24.1	24.3	24.1	23.3	23.8
11	23.4	22.0	22.7	26.9	25.6	26.4	24.5	23.8	24.1	24.0	23.2	23.7
12	23.8	22.9	23.4	27.3	25.6	26.6	24.8	23.9	24.3	23.8	22.9	23.4
13	23.9	22.8	23.3	27.2	25.8	26.5	24.8	23.9	24.4	23.7	22.5	23.3
14	24.9	23.4	24.1	26.1	23.4	24.5	25.4	24.2	24.8	24.4	23.0	23.7
15	25.9	24.1	25.0	24.7	23.0	23.8	26.6	24.6	25.6	24.9	23.6	24.2
16	26.3	24.9	25.5	26.5	24.4	25.4	26.1	25.4	25.8	25.0	24.0	24.3
17	25.7	24.8	25.3	27.3	25.5	26.4	26.0	24.8	25.4	24.4	23.6	23.9
18	24.8	23.3	24.0	27.2	25.9	26.6	25.8	24.8	25.3	23.7	22.8	23.2
19	23.9	22.9	23.4	26.9	26.1	26.6	25.5	24.8	25.1	23.8	22.4	23.1
20	24.0	23.0	23.5	27.8	26.2	27.0	25.9	24.6	25.3	23.8	22.4	23.1
21	24.3	22.9	23.7	27.4	26.1	26.8	26.8	25.1	25.9	24.4	22.8	23.4
22	24.7	22.9	23.8	27.8	26.3	27.1	27.2	25.6	26.4	24.5	23.0	23.7
23	25.2	23.1	24.2	27.3	26.1	26.5	27.3	25.6	26.5	25.3	23.3	24.0
24	25.8	23.4	24.7	26.3	25.4	25.9	26.8	25.9	26.2	---	---	---
25	26.1	24.1	25.3	26.9	25.3	26.2	27.0	25.6	26.3	23.1	21.8	22.6
26	26.7	25.0	26.1	27.2	26.0	26.7	27.5	25.6	26.5	23.1	22.0	22.6
27	27.2	25.7	26.5	27.7	26.5	27.1	27.6	26.1	27.0	23.3	22.3	22.9
28	26.4	25.3	25.8	28.6	26.8	27.6	28.3	27.1	27.8	23.4	22.8	23.1
29	25.9	24.5	25.3	28.7	27.4	28.2	28.6	27.4	28.1	22.8	21.5	22.1
30	25.7	24.9	25.2	28.6	27.6	28.3	28.7	27.6	28.2	21.5	20.2	20.8
31	---	---	---	28.6	27.2	27.8	28.3	27.3	27.7	---	---	---
MONTH	27.2	19.9	23.5	28.7	21.6	25.9	28.7	23.2	25.5	---	---	---

SANTEE RIVER BASIN

02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.3	6.8	7.0	9.2	8.5	8.8	11.0	10.2	10.6	11.7	11.1	11.4
2	---	---	---	9.4	8.8	9.1	10.6	9.6	10.2	11.2	10.5	10.9
3	---	---	---	9.3	9.0	9.1	10.7	9.7	10.3	10.9	10.6	10.7
4	7.0	6.5	6.7	9.5	9.0	9.2	10.9	10.0	10.5	10.8	10.6	10.7
5	7.2	6.4	6.8	9.5	9.1	9.3	12.3	9.8	11.0	11.1	10.8	11.0
6	7.5	6.3	6.8	9.2	9.0	9.1	11.9	11.6	11.8	11.3	10.3	10.7
7	7.8	6.5	7.0	9.1	8.9	9.0	11.7	11.5	11.6	11.5	10.5	11.2
8	6.9	6.4	6.6	9.4	9.0	9.2	11.6	10.9	11.4	11.7	10.6	11.2
9	7.1	6.5	6.8	9.4	9.1	9.3	11.5	10.7	11.1	11.8	10.2	11.1
10	7.7	6.8	7.2	9.5	9.0	9.3	11.6	10.6	11.3	11.3	10.1	10.8
11	7.4	6.7	7.0	9.0	8.6	8.8	11.6	10.0	10.9	10.9	10.1	10.4
12	7.2	6.7	6.9	8.6	8.2	8.4	---	---	---	11.3	10.5	11.0
13	7.1	6.8	6.9	8.6	8.3	8.4	---	---	---	10.9	9.7	10.6
14	7.5	6.7	7.0	8.7	8.5	8.6	---	---	---	11.3	10.3	11.0
15	7.2	6.6	7.0	9.1	8.7	9.0	---	---	---	11.9	10.9	11.3
16	7.8	7.2	7.5	9.3	9.1	9.2	---	---	---	12.0	11.0	11.7
17	8.1	7.2	7.8	9.5	9.2	9.3	---	---	---	12.1	10.6	11.5
18	8.2	7.9	8.1	---	---	---	---	---	---	12.2	10.9	11.5
19	8.3	8.1	8.2	---	---	---	12.1	11.6	11.9	11.9	11.2	11.5
20	8.4	8.2	8.3	---	---	---	11.6	11.2	11.4	12.2	11.3	11.7
21	8.4	8.2	8.3	10.1	9.8	10.0	11.4	11.1	11.3	11.7	11.1	11.4
22	8.5	8.3	8.4	10.0	9.8	9.9	11.8	11.3	11.6	11.8	10.6	11.1
23	8.6	8.3	8.4	10.1	9.9	10.0	12.0	11.8	11.9	11.4	10.1	11.0
24	8.5	8.2	8.4	10.7	9.5	10.0	12.0	11.4	11.7	12.4	10.7	11.7
25	8.6	8.3	8.5	9.9	9.3	9.5	12.5	11.5	12.1	12.0	11.3	11.7
26	8.8	8.4	8.6	10.1	9.1	9.6	12.5	11.8	12.2	12.5	11.2	11.8
27	8.6	8.3	8.4	10.5	9.3	10.0	11.9	11.7	11.7	12.7	11.2	12.0
28	8.6	8.2	8.4	11.0	9.6	10.4	---	---	---	12.5	10.8	11.7
29	8.4	8.3	8.3	11.1	10.0	10.5	12.1	11.9	12.0	---	---	---
30	8.4	8.2	8.3	10.9	10.1	10.6	12.0	11.8	11.9	---	---	---
31	8.8	8.3	8.5	---	---	---	11.9	11.7	11.8	10.5	10.2	10.3
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	10.4	10.2	10.3	10.8	10.5	10.7	10.1	9.6	9.9	8.5	8.1	8.3
2	10.5	9.8	10.2	10.6	10.3	10.4	10.1	9.7	10.0	8.4	8.0	8.2
3	10.3	9.5	10.0	10.4	10.2	10.3	9.7	9.1	9.5	8.4	7.9	8.1
4	10.0	8.9	9.5	10.4	9.5	10.1	9.3	8.9	9.1	8.4	8.0	8.2
5	10.5	9.1	9.6	10.3	9.7	10.0	8.9	8.6	8.8	8.6	8.3	8.5
6	10.2	8.9	9.5	9.7	9.3	9.5	9.2	8.7	8.9	9.1	8.4	8.7
7	10.2	9.6	10.0	9.9	9.7	9.8	9.7	8.9	9.2	10.2	8.8	9.8
8	10.3	10.0	10.2	9.7	9.6	9.7	10.5	9.7	10.4	10.2	9.7	10.0
9	10.5	10.0	10.3	9.7	9.4	9.6	10.8	10.2	10.4	9.7	8.6	9.1
10	10.5	10.1	10.3	9.4	9.3	9.4	11.7	10.7	11.1	8.6	8.4	8.5
11	11.3	9.8	10.3	9.4	8.6	9.2	12.6	11.7	12.2	8.4	8.3	8.4
12	11.2	9.5	10.1	9.4	9.2	9.3	12.5	11.1	12.0	8.7	8.4	8.6
13	11.2	9.4	10.2	9.4	9.0	9.2	11.1	10.0	10.4	8.9	8.6	8.8
14	10.7	9.9	10.3	9.2	8.7	9.0	10.0	9.6	9.8	8.9	8.8	8.8
15	10.5	9.5	10.1	9.0	8.8	8.9	9.6	9.4	9.6	9.0	8.8	8.9
16	10.5	10.0	10.3	9.4	9.0	9.1	9.5	9.2	9.4	9.0	8.8	8.9
17	10.6	10.1	10.4	9.4	9.1	9.3	9.2	9.1	9.2	8.9	8.8	8.8
18	11.2	10.2	10.7	9.4	9.1	9.2	11.3	8.7	9.8	8.9	8.6	8.8
19	11.1	10.4	10.9	9.4	9.2	9.3	12.2	11.3	11.9	9.3	8.9	9.1
20	10.8	10.4	10.6	10.5	9.2	9.9	12.1	10.3	11.1	9.6	9.2	9.4
21	10.4	9.5	10.1	10.5	10.3	10.4	10.3	9.9	10.1	9.5	9.1	9.4
22	10.2	9.1	9.7	10.6	10.0	10.4	10.0	9.6	9.8	10.7	9.0	9.4
23	10.9	9.6	10.4	10.0	9.1	9.5	9.7	9.3	9.5	12.0	10.0	10.7
24	11.0	10.4	10.8	9.4	8.9	9.1	9.4	9.2	9.3	12.2	11.7	12.0
25	10.5	10.1	10.3	9.0	8.8	9.0	9.3	9.1	9.2	11.8	10.5	11.1
26	10.2	9.9	10.0	---	---	---	9.2	9.1	9.1	10.5	9.6	10.1
27	11.2	10.0	10.4	---	---	---	9.3	9.0	9.1	9.6	9.4	9.5
28	12.0	10.5	11.3	9.0	8.8	8.9	9.1	8.8	9.0	9.5	9.0	9.3
29	---	---	---	9.0	8.7	8.9	8.9	8.6	8.8	9.3	8.9	9.1
30	---	---	---	8.9	8.7	8.7	8.7	8.4	8.6	9.2	9.0	9.1
31	---	---	---	9.6	8.8	9.3	---	---	---	9.2	8.9	9.1
MONTH	12.0	8.9	10.2	---	---	---	12.6	8.4	9.8	12.2	7.9	9.2

02157470 MIDDLE TYGER RIVER NEAR GRAMLING, SC--Continued

SUMMARY STATISTICS

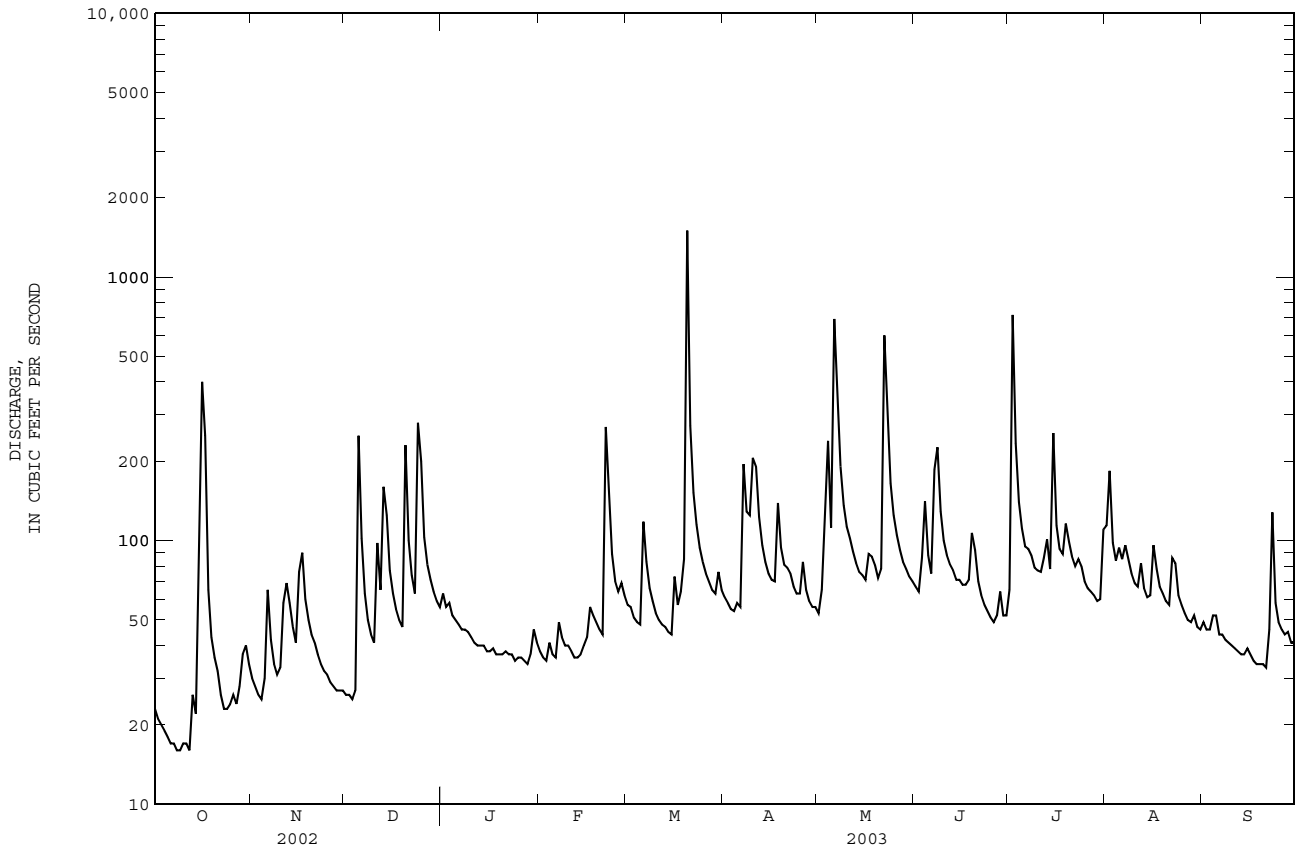
FOR 2003 WATER YEAR

WATER YEARS 2002 - 2003

ANNUAL TOTAL	29491			
ANNUAL MEAN	80.8		80.8	
HIGHEST ANNUAL MEAN			80.8	2003
LOWEST ANNUAL MEAN			80.8	2003
HIGHEST DAILY MEAN	e 1500	Mar 20	e 1500	Mar 20 2003
LOWEST DAILY MEAN	16	a Oct 8	2.3	Aug 13 2002
ANNUAL SEVEN-DAY MINIMUM	17	Oct 6	2.5	Aug 8 2002
MAXIMUM PEAK FLOW	Unknown	Mar 20	Unknown	Mar 20 2003
MAXIMUM PEAK STAGE	10.49	Mar 20	10.49	Mar 20 2003
ANNUAL RUNOFF (CFSM)	2.33		2.33	
ANNUAL RUNOFF (INCHES)	31.62		31.64	
10 PERCENT EXCEEDS	126		126	
50 PERCENT EXCEEDS	59		59	
90 PERCENT EXCEEDS	31		31	

a Also occurred Oct. 9, 12.

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.--No estimated daily discharges. Records fair.

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	10	16	12	29	20	31	27	23	21	24	54	20
2	9.3	12	12	26	18	30	25	28	21	280	92	18
3	8.5	11	12	28	19	26	25	35	32	248	52	18
4	8.0	10	13	24	25	23	24	24	55	75	45	18
5	7.7	13	101	22	23	23	28	24	34	50	67	19
6	7.6	44	145	21	19	64	31	126	28	44	227	16
7	7.3	28	42	19	32	68	140	299	72	49	128	16
8	6.8	17	26	19	26	36	117	69	78	81	169	16
9	6.7	14	21	19	21	30	77	38	47	46	55	15
10	7.5	13	19	19	21	27	81	28	35	40	35	15
11	8.0	18	57	18	20	24	141	26	28	40	28	14
12	7.8	32	45	17	18	23	58	23	25	40	36	14
13	19	32	49	17	18	22	43	21	25	49	26	14
14	19	20	95	17	18	24	37	20	22	42	21	14
15	52	17	42	17	21	22	32	21	21	39	20	14
16	238	28	29	17	23	48	30	22	21	36	21	14
17	114	46	24	18	35	36	31	32	24	32	40	14
18	27	26	21	17	30	39	78	31	22	31	25	13
19	19	21	19	17	25	49	51	30	27	56	41	13
20	16	20	94	17	22	656	37	27	59	45	24	13
21	15	17	78	17	21	352	35	23	26	57	23	13
22	14	16	33	18	67	77	38	228	20	51	26	19
23	13	14	26	18	176	50	28	291	18	35	25	91
24	12	15	73	16	47	41	25	82	17	60	21	29
25	12	14	208	16	34	36	26	41	15	31	19	20
26	16	13	52	17	31	32	35	31	15	26	19	19
27	12	13	34	16	41	30	30	27	15	25	18	19
28	13	12	29	15	39	29	24	25	16	24	18	21
29	19	12	25	17	---	27	23	25	17	23	21	17
30	20	12	23	29	---	40	23	23	16	31	18	16
31	16	---	22	25	---	35	---	22	---	169	21	---
TOTAL	761.2	576	1481	602	910	2050	1400	1765	872	1879	1435	572
MEAN	24.6	19.2	47.8	19.4	32.5	66.1	46.7	56.9	29.1	60.6	46.3	19.1
MAX	238	46	208	29	176	656	141	299	78	280	227	91
MIN	6.7	10	12	15	18	22	23	20	15	23	18	13
CFSM	1.54	1.21	3.00	1.22	2.04	4.16	2.94	3.58	1.83	3.81	2.91	1.20
IN.	1.78	1.35	3.46	1.41	2.13	4.80	3.28	4.13	2.04	4.40	3.36	1.34

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2002 - 2003, BY WATER YEAR (WY)

	2002	2003	2003	2003	2003	2003	2003	2003	2003	2003	2003	2003
MEAN	24.6	19.2	47.8	19.4	32.5	66.1	28.1	33.8	16.5	32.0	24.6	19.2
MAX	24.6	19.2	47.8	19.4	32.5	66.1	46.7	56.9	29.1	60.6	46.3	19.4
(WY)	2003	2003	2003	2003	2003	2003	2003	2003	2003	2003	2003	2002
MIN	24.6	19.2	47.8	19.4	32.5	66.1	9.52	10.6	3.85	3.38	2.93	19.1
(WY)	2003	2003	2003	2003	2003	2003	2002	2002	2002	2002	2002	2003

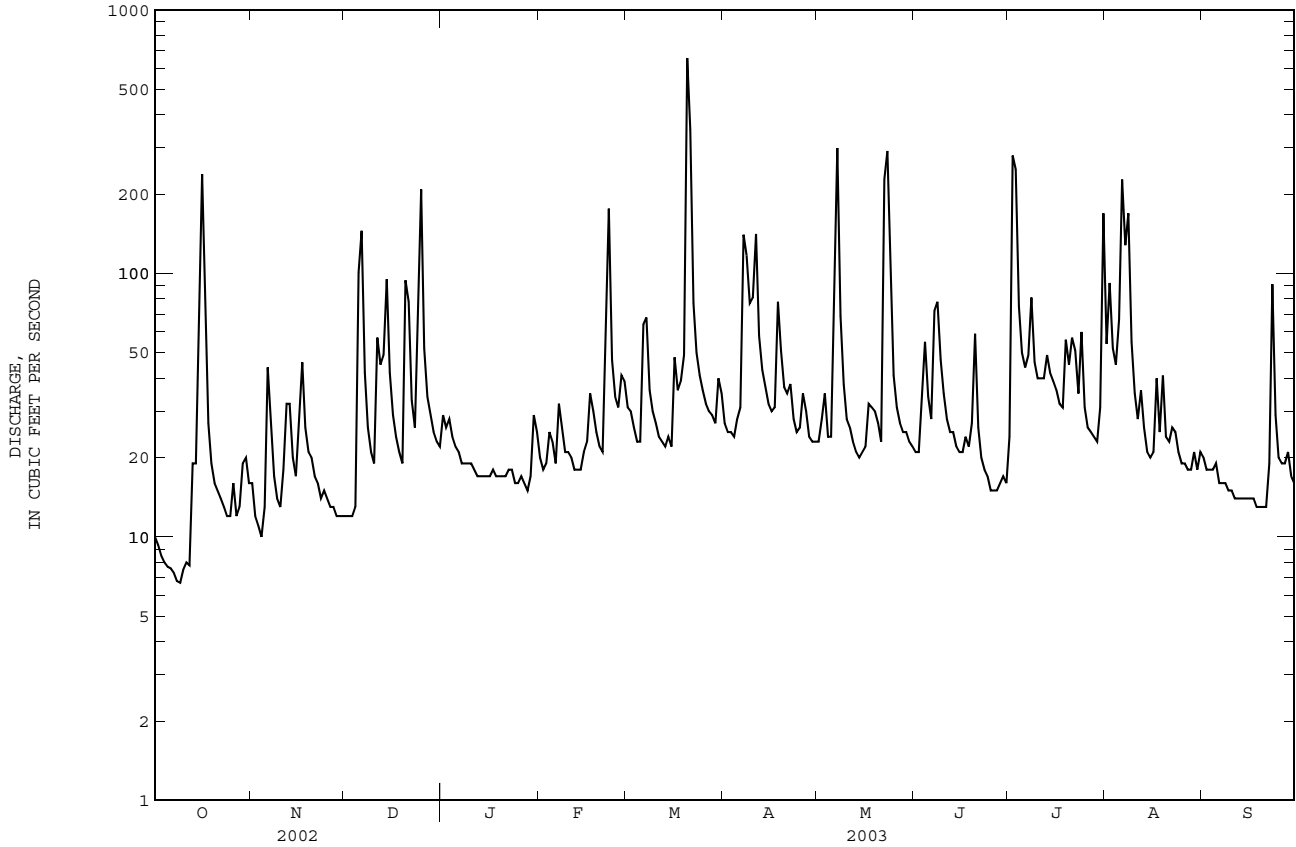
02157490 BEAVERDAM CREEK ABOVE GREER, SC--Continued

SUMMARY STATISTICS

FOR 2003 WATER YEAR

WATER YEARS 2002 - 2003

ANNUAL TOTAL	14303.2		
ANNUAL MEAN	39.2		
HIGHEST ANNUAL MEAN			39.2 2003
LOWEST ANNUAL MEAN			39.2 2003
HIGHEST DAILY MEAN	656	Mar 20	656 Mar 20 2003
LOWEST DAILY MEAN	6.7	Oct 9	0.14 Aug 14 2002
ANNUAL SEVEN-DAY MINIMUM	7.4	Oct 4	0.17 Aug 8 2002
MAXIMUM PEAK FLOW	954	Mar 20	954 Mar 20 2003
MAXIMUM PEAK STAGE	10.45	Mar 20	10.45 Mar 20 2003
ANNUAL RUNOFF (CFSM)	2.46		2.46
ANNUAL RUNOFF (INCHES)	33.46		33.49
10 PERCENT EXCEEDS	70		70
50 PERCENT EXCEEDS	24		24
90 PERCENT EXCEEDS	14		14



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 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	37	58	49	117	82	123	111	101	121	138	216	91
2	34	48	44	114	76	116	104	134	104	787	224	90
3	30	47	46	116	73	107	98	160	136	1000	223	86
4	27	42	49	104	83	95	95	237	208	266	192	85
5	26	52	217	97	84	92	103	234	189	192	288	94
6	28	118	408	91	73	195	117	565	177	160	517	84
7	21	108	182	83	103	248	343	1280	324	149	349	78
8	20	78	124	81	100	154	431	545	371	204	290	80
9	19	64	96	80	87	125	309	274	231	142	210	79
10	22	63	86	79	84	112	351	190	153	122	161	73
11	26	79	164	77	78	99	542	174	150	119	148	70
12	25	128	179	70	72	93	319	153	144	138	142	68
13	46	132	196	72	67	89	212	134	147	144	136	67
14	67	98	342	70	67	89	170	122	129	144	118	67
15	225	82	204	68	75	92	148	118	121	187	110	67
16	753	113	142	65	85	140	134	122	118	211	110	65
17	567	177	110	71	110	145	128	148	123	145	168	61
18	141	135	96	67	107	143	289	154	119	120	135	58
19	97	104	88	65	96	193	258	142	145	160	139	56
20	79	92	256	64	90	e1900	182	130	217	160	115	56
21	73	80	320	68	84	e1950	162	128	155	146	105	57
22	59	74	171	71	202	435	159	e875	121	151	112	73
23	51	63	131	73	564	257	132	e1870	108	127	138	226
24	47	62	287	64	244	187	120	542	104	159	125	156
25	46	60	713	62	154	145	121	225	95	120	107	97
26	51	59	289	63	126	135	144	204	88	113	96	82
27	50	58	172	62	141	124	152	187	88	109	91	79
28	49	53	141	60	141	116	123	154	99	100	90	83
29	64	53	123	64	---	114	112	133	105	94	99	70
30	72	51	109	98	---	141	103	127	94	123	89	64
31	65	---	103	98	---	140	---	120	---	417	88	---
TOTAL	2917	2431	5637	2434	3348	8094	5772	9682	4484	6347	5131	2462
MEAN	94.1	81.0	182	78.5	120	261	192	312	149	205	166	82.1
MAX	753	177	713	117	564	1950	542	1870	371	1000	517	226
MIN	19	42	44	60	67	89	95	101	88	94	88	56
CFSM	1.36	1.17	2.64	1.14	1.73	3.78	2.79	4.53	2.17	2.97	2.40	1.19
IN.	1.57	1.31	3.04	1.31	1.81	4.36	3.11	5.22	2.42	3.42	2.77	1.33

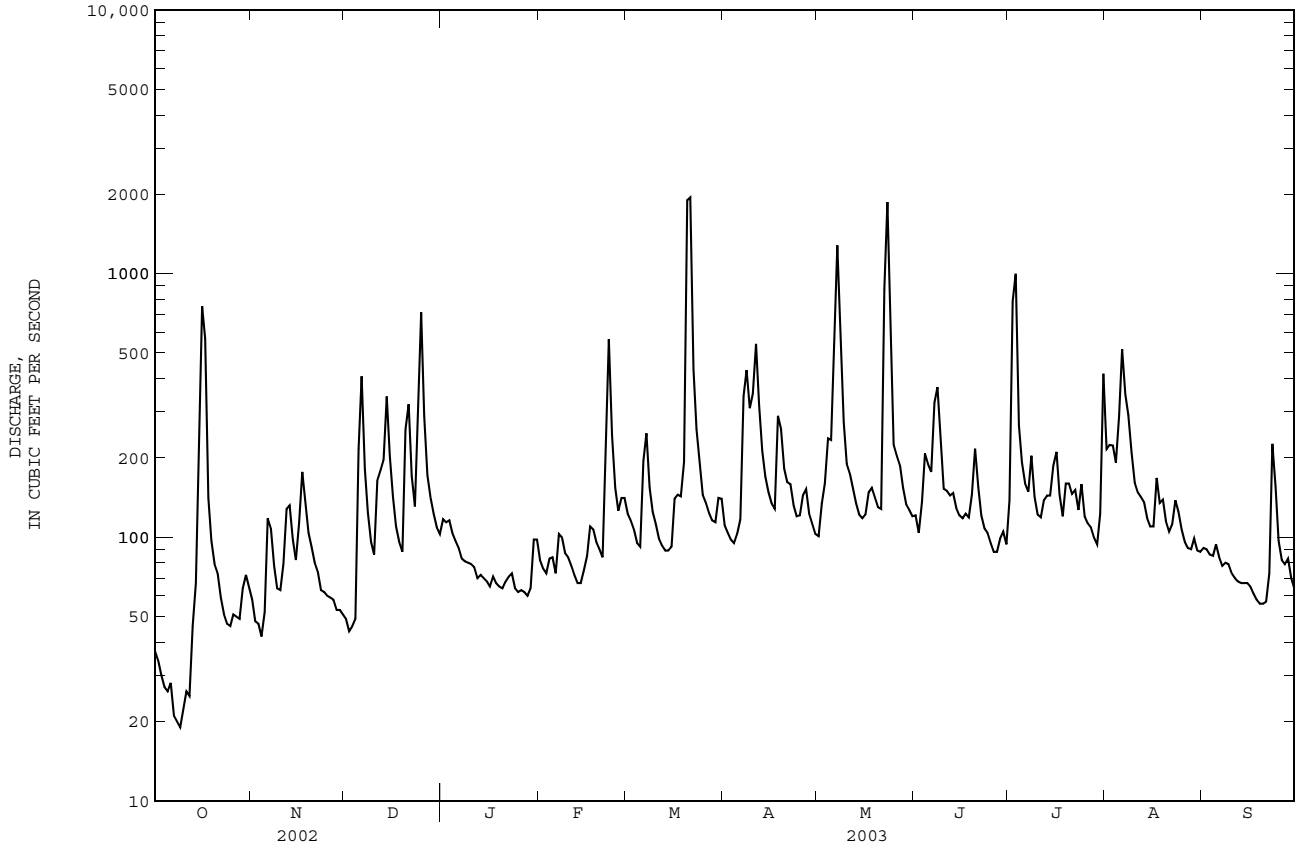
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2000 - 2003, BY WATER YEAR (WY)

	2000	2001	2002	2003	2000	2001	2002	2003	2000	2001	2002	2003
MEAN	40.8	44.0	87.8	69.1	89.8	130	106	109	55.3	65.4	51.1	41.4
MAX	94.1	81.0	182	79.5	120	261	192	312	149	205	166	82.1
(WY)	2003	2003	2003	2002	2003	2003	2003	2003	2003	2003	2003	2003
MIN	7.96	24.5	39.9	49.4	55.4	56.0	44.1	30.9	10.8	7.24	7.01	11.2
(WY)	2001	2002	2002	2001	2002	2001	2002	2001	2002	2002	2002	2000

02157510 MIDDLE TYGER RIVER NEAR LYMAN, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 2000 - 2003	
ANNUAL TOTAL	21701.26		58739		78.6	
ANNUAL MEAN	59.5		161		161	
HIGHEST ANNUAL MEAN					2003	
LOWEST ANNUAL MEAN					36.5	
HIGHEST DAILY MEAN	753	Oct 16	e 1950	Mar 21	e 1950	Mar 21 2003
LOWEST DAILY MEAN	0.66	Aug 29	19	Oct 9	0.66	Aug 29 2002
ANNUAL SEVEN-DAY MINIMUM	1.1	Aug 23	23	Oct 6	1.1	Aug 23 2002
MAXIMUM PEAK FLOW			Unknown	Mar 20	Unknown	Mar 20 2003
MAXIMUM PEAK STAGE			6.56	Mar 20	6.56	Mar 20 2003
ANNUAL RUNOFF (CFSM)	0.86		2.33		1.14	
ANNUAL RUNOFF (INCHES)	11.70		31.67		15.47	
10 PERCENT EXCEEDS	123		261		153	
50 PERCENT EXCEEDS	43		114		44	
90 PERCENT EXCEEDS	4.6		59		8.7	

e Estimated



SANTEE RIVER BASIN

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 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	73	93	75	183	123	186	194	166	183	217	354	159
2	65	83	71	168	113	181	182	201	172	1070	842	166
3	59	75	71	188	108	161	173	197	248	1040	607	162
4	54	71	77	167	152	147	168	183	320	653	446	158
5	49	110	420	150	131	143	193	196	277	425	688	153
6	46	212	399	144	118	398	194	765	255	322	611	142
7	42	159	256	138	184	289	719	974	515	289	1280	134
8	39	125	192	132	147	226	514	628	540	385	1170	130
9	36	109	156	129	130	193	464	433	456	327	632	126
10	37	103	137	124	133	170	636	322	334	260	423	122
11	37	157	311	119	122	153	559	262	266	237	321	118
12	36	224	242	115	114	142	402	230	236	252	282	115
13	82	194	409	112	107	137	312	203	264	228	239	113
14	69	153	395	111	105	136	263	183	210	221	219	111
15	389	131	282	109	113	134	233	179	199	269	205	113
16	966	225	220	106	135	233	212	183	200	444	211	115
17	612	255	183	111	180	190	218	307	209	319	215	112
18	304	205	159	107	165	217	483	271	202	254	212	107
19	196	167	144	102	148	323	293	247	233	244	248	103
20	147	145	435	100	138	e2400	249	224	293	217	193	100
21	128	129	343	100	130	e1500	250	213	280	254	186	99
22	111	119	251	108	434	742	247	e1550	230	286	196	149
23	96	107	201	113	516	480	221	e1500	201	241	182	391
24	87	95	620	109	334	363	201	747	180	244	175	231
25	82	92	660	96	247	297	199	484	165	199	167	179
26	86	88	407	93	208	258	233	366	155	187	158	145
27	78	87	284	92	250	231	218	298	151	189	149	138
28	89	82	228	88	214	211	196	258	156	172	152	140
29	110	80	196	96	---	199	183	230	168	167	178	114
30	114	79	175	176	---	255	175	210	165	233	140	104
31	104	---	162	144	---	221	---	196	---	638	139	---
TOTAL	4423	3954	8161	3830	4999	10916	8784	12406	7463	10483	11220	4249
MEAN	143	132	263	124	179	352	293	400	249	338	362	142
MAX	966	255	660	188	516	2400	719	1550	540	1070	1280	391
MIN	36	71	71	88	105	134	168	166	151	167	139	99
CFSM	1.51	1.40	2.79	1.31	1.89	3.73	3.10	4.24	2.64	3.58	3.83	1.50
IN.	1.74	1.56	3.22	1.51	1.97	4.30	3.46	4.89	2.94	4.13	4.42	1.67

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2001 - 2003, BY WATER YEAR (WY)

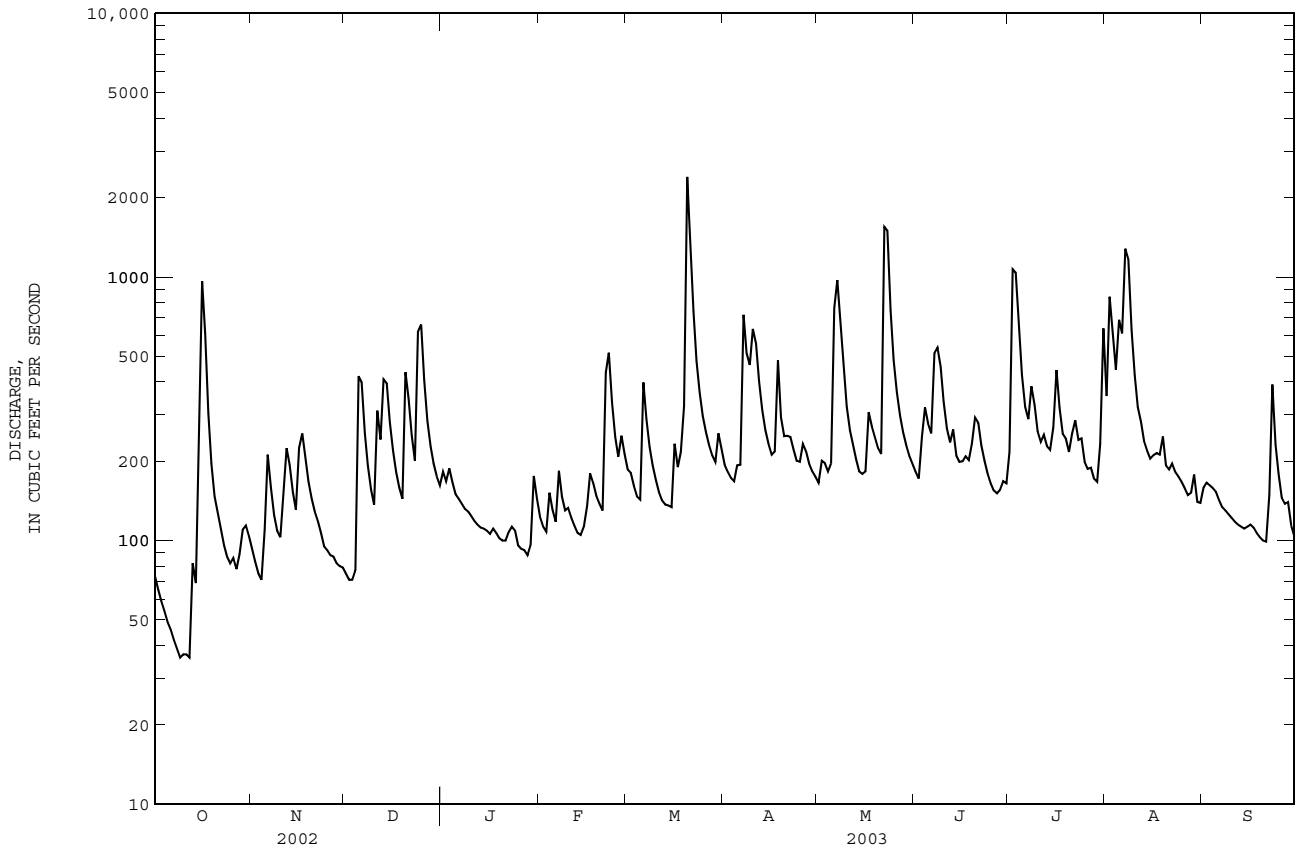
	2001	2002	2003	2001	2002	2003	2001	2002	2003	2001	2002	2003
MEAN	93.0	88.0	166	127	136	204	151	177	107	140	137	101
MAX	143	132	263	131	179	352	293	400	249	338	362	142
(WY)	2003	2003	2003	2002	2003	2003	2003	2003	2003	2003	2003	2003
MIN	43.4	44.2	68.9	124	92.9	106	68.6	47.5	26.7	28.4	22.8	55.9
(WY)	2002	2002	2002	2003	2002	2002	2002	2001	2002	2002	2001	2001

02158408 SOUTH TYGER RIVER BELOW DUNCAN, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 2001 - 2003	
ANNUAL TOTAL	36858.0		90888			
ANNUAL MEAN	101		249		159	
HIGHEST ANNUAL MEAN					249	2003
LOWEST ANNUAL MEAN					68.8	2002
HIGHEST DAILY MEAN	966	Oct 16	e 2400	Mar 20	e 2400	Mar 20 2003
LOWEST DAILY MEAN	9.5	Aug 11	36	a Oct 9	9.5	Aug 11 2002
ANNUAL SEVEN-DAY MINIMUM	10	Aug 8	39	Oct 6	10	Aug 8 2002
MAXIMUM PEAK FLOW			Unknown	Mar 20	Unknown	Mar 20 2003
MAXIMUM PEAK STAGE			13.37	Mar 20	13.37	Mar 20 2003
ANNUAL RUNOFF (CFM)	1.07		2.64		1.68	
ANNUAL RUNOFF (INCHES)	14.52		35.82		22.87	
10 PERCENT EXCEEDS	203		450		312	
50 PERCENT EXCEEDS	75		187		108	
90 PERCENT EXCEEDS	18		94		25	

a Also occurred Oct. 12.

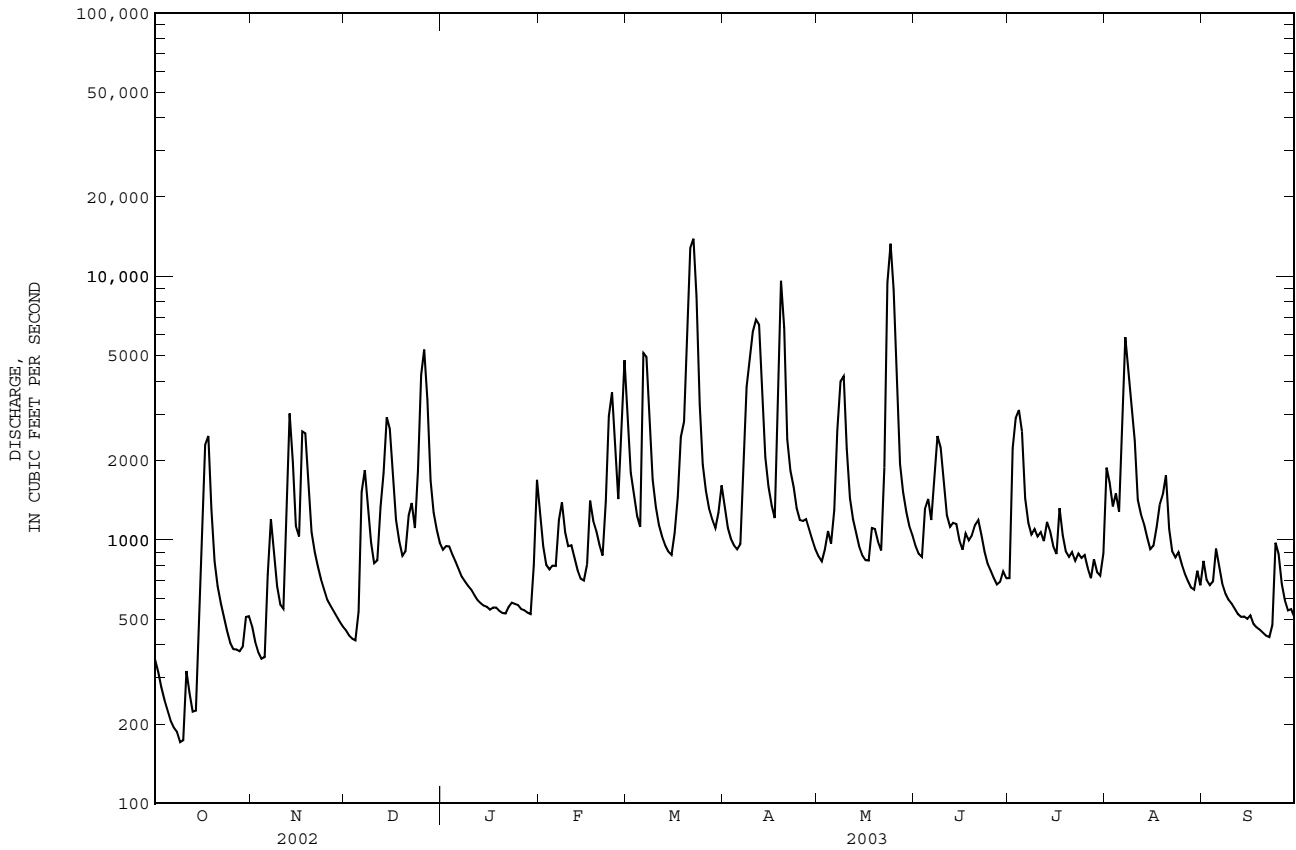
e Estimated



02160105 TYGER RIVER NEAR DELTA, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1974 - 2003	
ANNUAL TOTAL	221811		538095		991	
ANNUAL MEAN	608		1474		1474	
HIGHEST ANNUAL MEAN					2003	
LOWEST ANNUAL MEAN					420	
HIGHEST DAILY MEAN	5270	Dec 26	13900	Mar 22	26000	Oct 10 1976
LOWEST DAILY MEAN	28	Aug 14	171	Oct 9	28	Aug 14 2002
ANNUAL SEVEN-DAY MINIMUM	32	Aug 10	201	Oct 4	32	Aug 10 2002
MAXIMUM PEAK FLOW			14700		37500	
MAXIMUM PEAK STAGE			19.14		a 26.31	
INSTANTANEOUS LOW FLOW			165		26 b	
ANNUAL RUNOFF (CFSM)	0.80		1.94		1.31	
ANNUAL RUNOFF (INCHES)	10.87		26.37		17.74	
10 PERCENT EXCEEDS	1340		2880		1770	
50 PERCENT EXCEEDS	422		956		692	
90 PERCENT EXCEEDS	76		478		268	

a From floodmarks.
 b Also occurred Aug. 15, 2002.
 e Estimated



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 good except for Aug. 15-17, which are fair, and Aug. 18-27, which are poor. pH records rated excellent. Temperature records rated excellent. Dissolved oxygen records rated good except for Nov. 15-24, and July 4-14, 24-27, which are fair, and Oct. 26-31, Nov. 25 to Dec. 18, July 28 to Aug. 5, and Aug. 21-28, 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, 161 microsiemens, July 25; minimum, 27 microsiemens, Mar. 6.

pH: Maximum 7.6 units, Oct. 8-11; minimum, 6.1 units, Feb. 27, Mar. 6.

WATER TEMPERATURE: Maximum, 28.3°C, July 29; minimum, 1.4°C, Jan. 25.

DISSOLVED OXYGEN: Maximum, 13.3 mg/L, Jan. 19, 25; minimum 6.3 mg/L, July 5.

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	106	100	103	100	93	96	72	67	69
2	---	---	---	107	101	104	95	91	93	70	66	68
3	121	112	117	110	103	106	97	91	93	69	62	66
4	125	116	121	109	104	106	98	93	95	69	63	66
5	130	121	125	113	105	109	100	97	98	73	66	69
6	134	123	129	110	90	104	99	72	83	73	67	70
7	134	128	132	90	63	78	72	61	67	77	70	74
8	142	133	137	83	77	80	65	60	63	78	72	75
9	146	139	143	85	79	82	71	65	69	82	73	77
10	149	141	146	90	80	86	75	71	74	84	76	79
11	141	108	121	92	86	90	77	73	75	83	76	79
12	135	126	130	98	73	88	76	53	68	89	76	81
13	142	129	136	73	60	63	65	53	58	88	78	82
14	150	136	140	72	62	68	65	59	62	90	78	85
15	153	108	123	78	71	75	65	59	62	90	79	85
16	112	77	102	80	71	78	68	62	65	89	82	85
17	77	62	67	71	64	67	73	66	70	93	84	87
18	63	61	62	74	64	69	75	71	73	92	84	88
19	---	---	---	77	69	73	79	74	77	94	84	89
20	---	---	---	85	76	79	83	78	80	95	86	89
21	81	65	73	87	79	84	81	73	78	93	86	90
22	90	80	86	96	85	89	73	64	67	99	87	92
23	95	90	93	95	86	91	71	65	68	92	86	89
24	99	94	97	101	91	95	73	50	62	92	82	87
25	104	98	102	98	90	94	54	46	50	93	83	87
26	110	102	106	100	93	97	51	45	48	93	85	88
27	109	105	107	100	95	98	57	49	53	95	87	90
28	111	106	109	101	94	98	61	53	58	97	87	91
29	111	107	109	99	93	96	67	59	63	98	86	92
30	109	103	107	101	94	97	69	64	66	93	75	86
31	106	100	103	---	---	---	70	66	68	78	70	73
MONTH	---	---	---	113	60	88	100	45	71	99	62	82

SANTEE RIVER BASIN

02160105 TYGER RIVER NEAR DELTA, SC--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	88	75	79	53	42	48	73	66	70	---	---	---
2	84	74	79	62	51	55	79	65	72	---	---	---
3	89	76	81	68	54	60	82	65	73	81	74	78
4	86	78	82	70	56	62	82	68	74	76	68	74
5	86	79	83	70	59	63	82	70	75	---	---	---
6	86	78	82	65	27	37	84	70	75	75	67	72
7	80	68	75	50	37	44	73	55	64	69	58	64
8	75	67	71	55	50	53	55	48	52	59	52	56
9	77	70	73	62	55	59	51	47	49	57	52	55
10	81	72	75	67	59	63	49	42	46	64	57	60
11	85	71	77	70	61	66	56	43	47	68	63	66
12	87	73	78	73	65	69	55	46	50	72	67	70
13	87	74	80	81	67	73	64	49	56	74	70	73
14	86	76	80	78	71	74	75	55	63	77	73	75
15	89	76	81	79	72	75	75	60	66	80	74	77
16	82	65	75	83	72	76	78	63	69	82	77	80
17	73	60	66	83	64	72	79	65	71	83	78	81
18	85	63	71	67	54	59	72	33	49	82	77	79
19	82	66	73	67	52	59	47	37	40	78	75	77
20	88	74	79	60	37	44	---	---	---	80	76	78
21	80	73	77	44	35	39	---	---	---	78	73	76
22	78	44	63	45	36	40	---	---	---	76	50	67
23	63	45	54	51	38	44	---	---	---	54	42	47
24	57	46	50	60	48	54	72	64	69	47	43	44
25	56	46	51	66	55	60	74	68	72	56	45	51
26	55	50	53	70	59	64	76	73	75	66	56	61
27	56	29	43	73	62	67	76	70	75	71	66	69
28	47	33	42	76	66	70	75	68	72	74	69	72
29	---	---	---	77	68	72	78	73	76	76	72	75
30	---	---	---	75	68	71	80	74	77	79	74	78
31	---	---	---	78	66	71	---	---	---	83	75	80
MONTH	89	29	70	83	27	60	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	84	78	82	96	91	94	110	79	92	---	---	---
2	85	79	83	91	48	61	87	81	83	---	---	---
3	88	82	86	58	51	55	87	79	84	---	---	---
4	88	76	81	54	48	51	85	78	81	84	82	83
5	81	73	77	50	47	49	83	67	78	86	76	81
6	77	73	76	56	49	54	67	51	59	88	78	84
7	77	69	74	60	55	58	53	49	51	87	84	85
8	74	69	71	63	58	61	54	42	51	87	83	86
9	71	66	69	72	57	66	55	41	47	90	86	88
10	70	66	69	76	71	74	64	49	59	90	85	88
11	76	69	73	82	75	79	75	63	70	89	85	87
12	82	73	79	82	80	81	75	68	72	91	87	89
13	86	78	83	85	65	79	96	72	80	92	86	90
14	87	82	85	85	68	79	107	86	96	98	91	96
15	90	86	89	86	79	84	---	---	---	98	93	96
16	93	88	91	88	83	87	118	97	106	95	90	93
17	97	91	94	84	76	80	---	---	---	97	91	95
18	95	91	93	84	77	82	96	70	83	96	92	94
19	96	93	95	106	83	98	75	63	72	99	93	96
20	99	92	95	118	86	101	---	---	---	102	96	98
21	94	89	92	133	90	108	78	67	73	101	97	99
22	91	87	89	123	90	102	85	70	75	101	96	99
23	92	90	91	117	92	107	---	---	---	99	93	97
24	95	90	93	122	108	114	99	85	90	93	73	82
25	95	91	94	161	98	122	89	80	84	73	68	71
26	96	93	95	134	116	122	---	---	---	78	69	74
27	97	94	96	135	118	126	---	---	---	83	76	81
28	96	93	95	134	120	126	---	---	---	86	83	85
29	99	95	97	136	123	128	---	---	---	87	84	86
30	95	92	93	134	118	127	---	---	---	86	83	84
31	---	---	---	138	110	128	---	---	---	---	---	---
MONTH	99	66	86	161	47	90	---	---	---	---	---	---

SANTEE RIVER BASIN

02160105 TYGER RIVER NEAR DELTA, SC--Continued

pH, water, unfiltered, field, standard units
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	---	---	7.3	7.2	7.1	7.0	6.8	6.8	6.9	6.7	6.6	6.5
2	---	---	7.3	7.0	7.2	7.1	6.9	6.8	6.9	6.8	6.8	6.6
3	7.4	7.4	7.3	6.9	7.1	7.1	6.9	6.9	7.0	6.8	6.8	6.6
4	7.5	7.4	7.3	7.2	7.1	7.1	6.9	6.8	7.0	6.9	6.8	6.7
5	7.5	7.4	7.2	7.1	7.1	7.0	6.9	6.7	7.0	6.9	6.8	6.7
6	7.5	7.4	7.2	7.0	7.0	6.8	6.9	6.7	6.9	6.9	6.8	6.1
7	7.5	7.4	7.0	6.9	6.8	6.8	7.0	6.8	6.9	6.8	6.5	6.3
8	7.6	7.5	7.0	6.9	6.9	6.8	7.0	6.6	6.9	6.8	6.6	6.5
9	7.6	7.6	7.0	6.8	6.9	6.9	7.0	6.6	6.9	6.8	6.7	6.6
10	7.6	7.5	7.0	6.9	7.0	6.9	7.1	7.0	6.9	6.8	6.8	6.7
11	7.6	7.3	7.0	6.9	7.0	6.9	7.1	7.0	7.0	6.8	6.8	6.7
12	7.5	7.4	7.0	6.7	7.0	6.9	7.1	7.0	7.0	6.8	6.9	6.8
13	7.5	7.4	6.7	6.5	6.9	6.5	7.1	6.9	7.0	6.9	6.9	6.8
14	7.5	7.5	6.7	6.6	6.7	6.6	7.1	6.9	7.0	6.9	6.9	6.8
15	7.5	7.3	6.8	6.7	6.7	6.7	7.1	7.0	7.0	6.9	6.9	6.8
16	7.3	7.1	6.9	6.7	6.8	6.7	7.1	7.0	6.9	6.8	6.9	6.8
17	7.1	6.8	6.7	6.6	6.9	6.8	7.1	7.0	6.8	6.8	6.9	6.8
18	6.9	6.8	6.8	6.6	6.9	6.8	7.1	7.0	7.0	6.8	6.8	6.4
19	7.0	6.9	6.8	6.7	6.9	6.9	7.1	6.9	7.0	6.8	6.8	6.6
20	7.0	6.9	6.9	6.8	7.0	6.9	7.1	7.0	6.9	6.8	6.7	6.3
21	7.1	7.0	6.9	6.8	7.0	6.9	7.1	7.0	6.9	6.8	6.5	6.3
22	7.1	7.1	7.0	6.9	6.9	6.8	7.1	7.0	6.9	6.3	6.4	6.2
23	7.2	7.1	7.1	7.0	6.9	6.8	7.1	7.0	6.7	6.4	6.5	6.3
24	7.2	7.2	7.1	7.0	6.9	6.3	7.1	7.0	6.7	6.5	6.6	6.4
25	7.2	7.2	7.1	7.0	6.5	6.5	7.1	7.0	6.7	6.6	6.7	6.5
26	7.3	7.2	7.1	7.0	6.6	6.5	7.1	7.0	6.7	6.7	6.7	6.6
27	7.2	7.2	7.1	6.9	6.6	6.6	7.1	7.0	6.7	6.1	6.8	6.7
28	7.3	7.2	7.1	7.0	6.7	6.6	7.1	7.0	6.6	6.3	6.8	6.7
29	7.3	7.2	7.1	7.0	6.8	6.7	7.1	6.9	---	---	6.9	6.8
30	7.2	7.2	7.1	6.9	6.8	6.8	6.9	6.7	---	---	6.8	6.7
31	7.3	7.1	---	---	6.8	6.8	6.8	6.7	---	---	6.9	6.7
MONTH	---	---	7.3	6.5	7.2	6.3	7.1	6.6	7.0	6.1	6.9	6.1

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	6.9	6.7	---	---	7.1	7.0	7.1	7.0	7.2	6.9	7.0	6.9
2	7.0	6.8	---	---	7.1	7.0	7.1	6.6	7.0	6.9	7.0	7.0
3	7.0	6.8	6.9	6.9	7.2	7.1	6.8	6.8	7.0	7.0	7.1	7.0
4	6.9	6.8	---	---	7.2	7.0	6.8	6.8	7.0	7.0	7.0	7.0
5	6.9	6.8	---	---	7.2	7.0	6.9	6.8	7.1	7.0	7.0	6.9
6	6.9	6.8	6.9	6.8	7.2	7.0	7.0	6.8	7.1	6.6	7.1	6.9
7	6.9	6.6	6.8	6.6	7.1	7.0	7.0	6.9	6.7	6.6	7.1	7.0
8	6.6	6.5	6.6	6.5	7.0	6.9	7.1	7.0	6.8	6.7	7.0	7.0
9	6.6	6.5	6.6	6.5	7.0	6.8	7.1	7.0	6.9	6.7	7.1	7.0
10	6.5	6.4	6.7	6.6	7.1	6.9	7.2	7.0	6.9	6.7	7.1	7.0
11	6.6	6.4	6.8	6.7	7.1	7.0	7.2	7.0	6.9	6.8	7.2	7.0
12	6.6	6.5	6.8	6.8	7.1	7.0	7.2	7.1	6.9	6.9	7.1	7.0
13	6.6	6.5	7.0	6.8	7.1	7.1	7.2	6.8	7.0	6.9	7.1	7.0
14	6.8	6.6	7.0	6.9	7.1	7.1	7.1	6.8	7.0	6.9	7.0	7.0
15	6.8	6.6	7.0	6.9	7.2	7.1	7.2	7.0	7.1	7.0	7.1	7.0
16	6.9	6.7	7.0	6.9	7.1	7.1	7.2	7.1	7.0	7.0	7.1	7.0
17	7.0	6.7	7.0	7.0	7.2	7.1	7.1	7.0	7.0	6.9	7.1	7.0
18	6.8	6.2	7.0	7.0	7.2	7.1	7.2	7.0	7.0	6.8	7.2	7.0
19	6.4	6.3	7.0	7.0	7.2	7.1	7.2	7.1	7.0	6.8	7.1	7.0
20	---	---	7.0	7.0	7.2	7.1	7.2	7.1	6.9	6.8	7.1	7.0
21	---	---	7.0	7.0	7.2	7.1	7.2	7.1	7.0	6.9	7.1	7.0
22	---	---	7.0	6.5	7.2	7.1	7.2	7.1	7.1	7.0	7.1	7.0
23	---	---	6.8	6.5	7.2	7.0	7.2	7.1	7.1	7.0	7.1	7.0
24	6.8	6.7	6.6	6.4	7.0	6.9	7.3	7.2	7.1	7.0	7.0	6.8
25	6.8	6.7	6.7	6.4	7.1	7.0	7.2	7.1	7.1	7.0	6.9	6.8
26	6.8	6.8	6.8	6.5	7.0	6.9	7.2	7.1	7.1	7.0	7.0	6.9
27	6.9	6.8	6.9	6.7	7.0	6.9	7.2	7.2	7.1	7.0	7.0	6.9
28	6.8	6.8	6.9	6.8	7.0	6.8	7.3	7.1	7.1	7.0	7.0	7.0
29	6.9	6.8	7.0	6.9	7.0	6.9	7.2	7.0	7.1	7.0	7.1	7.0
30	6.9	6.8	7.0	6.9	7.1	6.9	7.3	7.2	7.0	7.0	7.0	7.0
31	---	---	7.0	7.0	---	---	7.2	7.1	7.0	6.8	---	---
MONTH	---	---	---	---	7.2	6.8	7.3	6.6	7.2	6.6	7.2	6.8

SANTEE RIVER BASIN

02160105 TYGER RIVER NEAR DELTA, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	---	---	---	14.9	13.7	14.3	8.0	6.4	7.2	9.9	7.9	9.0
2	---	---	---	13.8	12.2	12.9	6.5	5.0	5.9	10.1	9.4	9.7
3	24.9	22.2	23.5	13.0	11.8	12.4	7.5	5.5	6.5	10.5	9.7	10.1
4	25.0	22.5	23.7	13.3	12.6	12.9	7.2	5.7	6.5	9.7	7.7	8.6
5	25.5	22.9	24.2	13.0	12.8	12.8	5.8	5.3	5.6	8.0	6.7	7.3
6	25.3	22.6	23.9	13.7	12.7	13.1	6.3	5.7	6.0	7.2	6.2	6.7
7	24.7	22.2	23.4	12.8	11.6	12.1	6.4	5.6	6.0	6.3	5.3	5.8
8	23.3	20.0	21.8	11.9	10.7	11.3	6.2	5.5	5.8	6.7	5.1	5.9
9	20.0	19.0	19.4	12.3	10.6	11.5	6.4	5.7	6.1	8.7	6.4	7.5
10	21.2	18.8	20.0	15.0	12.3	13.6	6.9	6.2	6.5	10.3	8.7	9.4
11	21.0	19.7	20.3	16.4	14.9	15.9	7.4	6.8	7.1	9.1	7.0	7.9
12	22.6	19.8	21.1	16.5	16.1	16.3	7.4	6.9	7.2	7.0	5.4	6.0
13	22.0	20.8	21.3	16.1	14.4	15.4	8.3	7.4	7.9	5.8	4.7	5.3
14	21.1	19.1	20.0	14.4	12.3	13.1	8.2	7.7	8.0	5.7	4.0	4.9
15	19.1	16.6	17.8	12.3	11.1	11.7	7.7	6.8	7.1	5.4	4.0	4.7
16	16.9	16.0	16.4	13.2	12.0	12.5	7.0	6.2	6.7	5.0	3.5	4.3
17	16.6	15.9	16.3	13.3	12.7	13.2	7.4	6.6	7.0	5.8	4.4	5.0
18	16.4	15.7	16.0	12.7	10.7	11.7	7.5	7.0	7.3	4.4	2.7	3.4
19	15.8	15.1	15.4	10.7	9.7	10.1	8.7	7.5	8.0	3.5	1.8	2.6
20	15.8	14.9	15.4	11.0	9.6	10.2	10.7	8.7	9.7	4.8	2.2	3.5
21	17.2	15.7	16.4	12.1	10.8	11.4	9.6	8.2	8.8	7.3	4.8	6.1
22	17.0	16.4	16.7	12.1	10.6	11.6	8.2	7.3	7.8	8.0	6.7	7.3
23	16.7	15.9	16.3	10.6	9.2	9.8	8.2	7.3	7.8	7.1	4.0	5.7
24	17.1	15.9	16.6	9.9	8.2	9.0	8.3	7.8	8.1	4.0	2.1	2.8
25	16.8	16.0	16.4	9.8	8.2	9.0	8.4	7.7	8.1	3.1	1.4	2.3
26	16.8	15.7	16.2	9.5	8.0	8.8	7.7	6.6	7.0	4.6	2.5	3.5
27	17.8	16.4	17.1	9.5	8.5	9.0	6.6	5.5	5.9	4.6	3.1	3.8
28	17.8	17.2	17.5	8.8	7.0	8.0	5.9	5.2	5.6	4.9	2.9	4.0
29	17.5	15.7	16.6	7.1	5.7	6.5	6.6	5.3	5.9	6.7	4.7	5.7
30	15.7	14.8	15.3	8.8	6.8	7.7	6.9	5.8	6.4	7.1	6.6	6.9
31	15.1	14.0	14.6	---	---	---	7.9	6.3	7.0	6.6	6.4	6.5
MONTH	---	---	---	16.5	5.7	11.6	10.7	5.0	7.0	10.5	1.4	5.9

Temperature, water, degrees Celsius												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	7.7	6.0	6.8	8.8	7.6	8.2	14.1	11.4	12.9	---	---	---
2	8.3	6.1	7.2	10.5	8.7	9.5	16.6	13.1	14.9	---	---	---
3	9.5	7.0	8.4	11.0	9.0	10.1	18.0	14.7	16.4	21.0	19.6	20.4
4	11.8	9.3	10.5	11.6	9.4	10.5	18.4	15.8	17.2	---	---	---
5	10.6	8.8	9.5	12.2	10.9	11.6	18.1	16.6	17.2	---	---	---
6	9.0	7.6	8.2	12.2	11.6	11.9	17.3	16.2	16.8	18.4	18.0	18.3
7	7.6	6.8	7.2	12.1	11.4	11.9	16.8	13.7	15.1	19.0	18.0	18.5
8	7.4	6.3	6.9	11.4	10.3	10.8	13.7	12.4	13.0	20.2	18.9	19.5
9	7.6	6.1	6.8	13.0	10.8	11.8	12.4	11.1	11.8	21.5	20.1	20.7
10	8.5	7.0	7.7	13.9	12.0	12.9	11.1	10.4	10.7	22.6	21.3	21.9
11	8.4	6.4	7.4	13.6	11.8	12.7	11.2	10.2	10.7	23.0	21.9	22.6
12	9.1	6.5	7.7	14.1	11.3	12.8	13.4	10.7	11.9	22.2	20.9	21.6
13	8.5	6.1	7.4	15.3	12.5	13.9	15.4	12.8	14.1	21.3	19.7	20.5
14	7.5	6.3	6.9	15.2	14.4	14.8	17.0	14.4	15.6	20.2	19.0	19.6
15	9.2	7.1	8.1	14.5	12.8	13.5	18.0	15.7	16.8	20.2	18.8	19.5
16	9.1	5.9	7.8	13.2	12.4	12.9	18.4	16.2	17.3	21.5	19.5	20.4
17	5.9	5.2	5.4	14.1	12.9	13.6	18.3	16.6	17.5	21.2	20.5	20.9
18	7.2	5.1	6.1	14.3	13.5	13.9	17.4	14.8	15.8	20.5	18.8	19.6
19	8.5	6.4	7.4	15.0	14.0	14.5	14.8	14.0	14.3	18.8	17.4	18.0
20	10.5	7.9	9.1	14.5	12.3	12.7	---	---	---	18.7	17.0	17.8
21	10.0	9.2	9.6	13.2	12.0	12.6	---	---	---	19.3	18.1	18.7
22	11.5	9.6	10.5	14.4	12.9	13.6	---	---	---	18.9	18.0	18.6
23	11.4	10.4	10.9	15.1	13.9	14.4	---	---	---	18.0	17.8	17.9
24	10.8	9.4	10.2	16.0	13.9	15.0	16.2	14.9	15.6	18.2	17.7	17.9
25	10.7	9.8	10.3	16.4	14.3	15.4	15.8	15.3	15.6	19.4	18.1	18.7
26	10.5	9.0	9.8	17.6	15.2	16.4	17.2	15.4	16.2	20.2	19.4	19.7
27	9.0	6.3	7.5	18.1	16.5	17.3	18.0	16.3	17.1	20.8	19.9	20.3
28	7.9	6.5	7.1	17.8	16.7	17.3	19.0	16.6	17.8	21.0	19.6	20.3
29	---	---	---	19.5	17.2	18.3	20.0	17.6	18.8	21.3	19.8	20.5
30	---	---	---	18.8	14.5	16.7	21.4	18.8	20.0	21.3	19.4	20.4
31	---	---	---	14.5	12.8	13.7	---	---	---	21.6	19.6	20.6
MONTH	11.8	5.1	8.2	19.5	7.6	13.4	---	---	---	---	---	---

SANTEE RIVER BASIN

02160105 TYGER RIVER NEAR DELTA, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	22.1	20.0	21.0	24.8	23.1	24.2	26.1	25.2	25.4	26.1	24.9	25.5
2	22.1	19.5	20.9	23.1	21.4	22.2	25.4	24.8	25.1	26.7	24.9	25.7
3	21.2	20.2	20.6	23.3	22.1	22.6	25.7	24.9	25.2	26.8	25.2	26.1
4	21.8	20.0	20.8	24.4	23.1	23.7	25.9	24.9	25.4	26.5	25.5	26.0
5	22.6	20.9	21.8	25.1	24.2	24.6	25.7	24.9	25.4	25.9	24.9	25.4
6	22.6	21.3	22.0	26.0	24.9	25.3	24.9	23.8	24.1	25.0	23.7	24.4
7	22.0	21.6	21.8	26.7	25.1	25.7	24.1	23.7	23.9	23.7	22.6	22.9
8	23.0	21.6	22.3	27.1	24.9	25.9	24.7	24.0	24.3	22.8	22.2	22.5
9	24.0	22.8	23.3	27.7	25.7	26.6	24.8	24.1	24.5	23.5	22.0	22.8
10	24.1	23.1	23.6	27.4	26.0	26.6	24.8	24.2	24.5	23.4	22.0	22.7
11	24.9	23.2	24.0	26.9	25.3	26.0	24.8	24.0	24.4	23.3	21.5	22.5
12	24.6	23.5	24.1	27.4	25.4	26.3	25.2	24.3	24.7	22.6	20.8	21.7
13	24.7	23.0	23.9	26.4	24.0	25.6	25.6	24.0	24.8	23.2	20.6	21.9
14	25.0	23.6	24.2	25.0	24.0	24.6	26.4	24.7	25.5	23.7	21.4	22.5
15	26.2	24.0	25.0	26.0	24.0	25.0	27.1	25.0	25.9	23.7	21.6	22.7
16	26.6	24.8	25.5	27.2	24.8	26.0	26.6	25.6	26.0	24.2	22.6	23.3
17	25.2	24.4	24.8	26.6	25.6	26.1	25.6	24.7	25.2	23.3	21.3	22.3
18	24.4	23.8	24.2	27.6	25.9	26.7	26.0	24.7	25.2	22.7	20.6	21.7
19	24.8	23.2	24.0	27.1	25.7	26.4	25.8	24.9	25.3	23.3	20.7	22.0
20	25.0	23.4	24.1	27.6	25.4	26.4	25.7	24.4	25.1	23.2	20.4	21.8
21	24.4	23.0	23.7	27.7	26.1	26.8	26.6	25.0	25.8	23.1	20.8	22.0
22	24.4	22.5	23.4	27.1	25.9	26.5	27.1	25.3	26.1	22.9	21.8	22.4
23	24.8	22.2	23.6	26.0	24.9	25.5	27.1	24.9	26.0	23.9	21.9	22.9
24	25.6	22.8	24.2	25.8	24.1	24.8	26.3	25.5	26.0	22.5	21.3	21.8
25	26.2	23.4	24.8	26.3	24.0	25.1	26.6	25.0	25.7	22.3	20.7	21.5
26	26.7	24.0	25.3	26.8	24.5	25.6	27.2	25.0	26.1	22.5	20.5	21.5
27	26.9	24.5	25.7	27.0	25.0	25.9	27.7	25.5	26.7	22.7	20.7	21.8
28	25.8	24.2	24.7	27.7	25.5	26.6	27.6	26.0	26.9	22.8	21.2	21.9
29	25.9	23.5	24.7	28.3	26.0	27.1	28.2	26.1	27.2	21.2	18.8	19.9
30	25.4	24.4	24.9	27.5	26.0	26.7	27.7	26.4	27.0	18.9	17.0	18.1
31	---	---	---	26.8	25.6	26.1	26.9	25.7	26.5	---	---	---
MONTH	26.9	19.5	23.6	28.3	21.4	25.6	28.2	23.7	25.5	26.8	17.0	22.7

SANTEE RIVER BASIN

02160105 TYGER RIVER NEAR DELTA, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	---	---	---	10.9	10.3	10.6	11.4	10.4	10.9
2	---	---	---	---	---	---	11.4	10.9	11.1	10.8	10.4	10.6
3	7.6	7.3	7.4	---	---	---	11.3	10.9	11.0	10.6	10.5	10.5
4	7.6	7.2	7.4	---	---	---	11.2	10.8	11.0	11.2	10.5	10.9
5	7.5	7.1	7.3	---	---	---	11.4	10.7	11.1	11.6	11.2	11.4
6	7.7	7.2	7.4	---	---	---	11.2	10.7	11.0	11.7	11.3	11.5
7	7.6	7.2	7.4	9.4	8.9	9.2	11.1	11.0	11.0	12.2	11.6	11.9
8	7.9	7.3	7.6	9.8	9.3	9.6	11.5	11.0	11.3	12.2	11.5	12.0
9	8.3	7.8	8.2	9.8	9.3	9.6	11.4	11.3	11.4	11.7	11.0	11.4
10	8.4	8.0	8.2	9.3	8.6	9.0	11.3	11.0	11.2	11.0	10.6	10.8
11	8.4	7.5	7.8	8.6	8.2	8.4	11.0	10.8	10.9	11.4	10.7	11.1
12	7.9	7.5	7.7	8.3	7.6	7.9	11.1	10.8	10.9	12.2	11.3	11.8
13	7.8	7.6	7.7	7.7	7.2	7.4	11.0	10.1	10.6	12.4	12.0	12.2
14	8.2	7.7	8.0	8.9	7.7	8.5	10.6	10.3	10.4	12.6	12.0	12.3
15	8.3	7.8	8.0	9.5	8.9	9.3	11.1	10.6	10.9	12.6	12.1	12.3
16	8.5	8.2	8.4	9.3	8.4	9.0	11.5	11.0	11.3	12.7	12.1	12.4
17	8.2	8.1	8.2	8.5	8.2	8.4	11.5	11.2	11.3	12.3	11.9	12.1
18	8.3	8.0	8.2	9.5	8.4	9.0	11.5	11.3	11.4	12.8	12.1	12.6
19	8.7	8.2	8.5	10.0	9.5	9.8	11.4	10.9	11.2	13.3	12.7	13.0
20	8.7	8.5	8.6	10.1	9.8	10.0	10.9	10.4	10.6	13.2	12.2	12.8
21	8.6	8.2	8.4	9.8	9.2	9.5	11.0	10.4	10.8	12.2	11.2	11.8
22	8.5	8.3	8.4	9.6	9.2	9.3	11.5	11.0	11.3	11.4	11.1	11.2
23	8.6	8.4	8.5	10.2	9.5	9.9	11.5	11.3	11.3	11.9	11.1	11.5
24	8.6	8.4	8.5	10.7	10.1	10.3	11.7	10.2	10.9	13.0	11.9	12.7
25	8.6	8.4	8.5	10.5	10.1	10.3	10.6	10.3	10.5	13.3	12.7	13.1
26	8.6	8.0	8.4	10.5	10.1	10.3	11.3	10.6	11.0	12.8	12.2	12.6
27	8.0	7.4	7.6	10.3	10.1	10.2	11.7	11.2	11.5	12.6	12.2	12.4
28	8.2	7.4	7.7	10.8	10.2	10.5	12.2	11.6	12.0	12.6	12.0	12.4
29	8.0	7.5	7.7	11.3	10.7	11.0	12.3	11.8	12.1	12.2	11.4	11.8
30	8.1	7.6	7.8	10.8	10.3	10.6	12.0	11.7	11.9	11.4	10.9	11.1
31	---	---	---	---	---	---	11.8	11.3	11.7	11.2	11.0	11.1
MONTH	---	---	---	---	---	---	12.3	10.1	11.1	13.3	10.4	11.8

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	11.3	10.8	11.0	10.9	10.6	10.7	10.4	9.8	10.0	---	---	---
2	11.3	10.7	11.0	10.7	10.4	10.6	9.9	9.1	9.6	---	---	---
3	11.0	10.3	10.7	10.8	10.4	10.6	9.4	8.3	8.9	---	---	---
4	10.3	9.8	10.1	10.8	10.2	10.5	8.6	7.9	8.3	---	---	---
5	10.5	9.8	10.3	10.3	9.9	10.1	8.2	7.9	8.0	---	---	---
6	10.8	10.5	10.7	9.9	9.2	9.6	8.4	7.9	8.2	---	---	---
7	11.1	10.7	10.9	9.8	9.1	9.4	8.4	8.0	8.2	8.6	8.2	8.4
8	11.3	11.0	11.2	10.3	9.8	10.1	8.7	8.3	8.5	8.2	7.9	8.1
9	11.5	11.0	11.3	10.2	9.7	10.1	9.2	8.6	8.9	7.9	7.6	7.8
10	11.1	10.7	10.9	9.9	9.6	9.8	9.2	9.1	9.2	7.7	7.5	7.6
11	11.4	10.8	11.1	10.1	9.7	9.8	9.5	9.1	9.2	7.6	7.5	7.5
12	11.3	10.7	11.0	10.2	9.6	9.9	9.3	8.7	9.1	8.0	7.6	7.9
13	11.4	10.7	11.1	9.9	9.2	9.6	8.8	8.3	8.6	8.4	7.9	8.2
14	11.3	10.9	11.1	9.4	9.2	9.3	8.8	8.2	8.5	8.4	8.1	8.3
15	11.1	10.5	10.8	9.8	9.3	9.5	8.5	8.0	8.3	8.4	8.1	8.3
16	11.2	10.5	10.8	9.9	9.6	9.8	8.3	7.9	8.1	8.1	7.9	8.0
17	11.7	11.2	11.5	9.7	9.2	9.5	8.5	7.8	8.0	8.1	7.9	7.9
18	12.0	11.3	11.6	9.3	9.1	9.2	8.3	7.6	7.9	8.5	8.1	8.3
19	11.5	10.9	11.2	9.3	9.1	9.2	8.6	7.9	8.2	8.9	8.5	8.7
20	11.1	10.4	10.7	9.9	9.1	9.5	---	---	---	8.9	8.6	8.8
21	10.5	10.2	10.4	9.4	9.0	9.2	---	---	---	8.6	8.4	8.5
22	10.2	9.4	9.8	9.2	8.8	9.1	---	---	---	8.9	8.2	8.5
23	10.0	9.5	9.7	9.1	8.7	8.9	---	---	---	8.8	8.2	8.5
24	10.4	9.7	10.1	9.2	8.6	8.9	---	---	---	9.1	8.6	8.7
25	10.4	10.0	10.2	9.3	8.8	9.1	---	---	---	8.7	8.2	8.5
26	10.6	10.2	10.4	9.1	8.7	8.9	---	---	---	8.3	7.8	8.0
27	11.3	10.5	10.9	8.9	8.6	8.7	---	---	---	8.3	7.9	8.1
28	11.4	10.9	11.0	8.8	8.6	8.7	---	---	---	8.3	8.1	8.2
29	---	---	---	8.8	8.4	8.6	---	---	---	8.2	8.0	8.2
30	---	---	---	9.2	8.3	8.7	---	---	---	8.3	8.0	8.2
31	---	---	---	10.0	9.2	9.7	---	---	---	8.2	7.7	8.0
MONTH	12.0	9.4	10.8	10.9	8.3	9.5	---	---	---	---	---	---

SANTEE RIVER BASIN

02160105 TYGER RIVER NEAR DELTA, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	8.0	7.7	7.9	7.6	7.2	7.5	7.4	6.7	7.2	---	---	---
2	8.1	7.7	7.9	8.5	7.6	8.1	7.3	6.8	7.0	---	---	---
3	8.0	7.8	7.9	8.3	7.2	7.5	7.4	6.9	7.3	---	---	---
4	7.9	7.5	7.8	7.5	6.7	7.2	9.1	7.2	8.1	8.5	7.4	7.7
5	7.7	7.5	7.6	7.2	6.3	6.8	7.4	7.1	7.3	8.8	7.4	8.1
6	7.8	7.6	7.7	6.8	6.5	6.7	7.4	6.7	6.9	8.4	7.5	7.8
7	7.7	7.4	7.5	7.5	6.5	7.2	6.8	6.7	6.7	8.5	8.0	8.3
8	7.6	7.3	7.4	7.6	6.5	7.0	7.8	6.6	6.9	8.6	8.2	8.4
9	7.7	7.3	7.6	7.2	6.5	6.8	7.4	7.0	7.2	8.6	8.0	8.3
10	7.9	7.6	7.8	6.8	6.6	6.7	7.3	7.2	7.2	8.4	8.0	8.2
11	8.2	7.8	8.0	7.5	6.6	6.8	7.5	7.3	7.4	---	---	---
12	8.2	7.8	8.0	7.7	6.5	6.8	7.8	7.4	7.6	---	---	---
13	8.1	7.8	8.0	7.4	6.6	7.0	8.0	7.6	7.8	---	---	---
14	8.2	7.9	8.1	8.0	7.2	7.5	9.1	7.6	8.1	---	---	---
15	8.3	7.8	8.0	8.0	7.4	7.6	10.2	7.4	8.3	---	---	---
16	8.0	7.6	7.8	7.6	7.3	7.4	8.0	7.3	7.4	---	---	---
17	8.1	7.8	8.0	7.5	7.1	7.3	7.7	7.5	7.6	8.2	7.6	7.8
18	8.2	7.9	8.1	7.8	7.2	7.3	8.2	7.4	7.7	8.0	7.6	7.8
19	8.3	7.8	8.1	7.4	7.2	7.3	7.8	7.5	7.6	8.1	7.6	7.8
20	8.4	7.9	8.1	7.4	7.1	7.3	7.8	7.4	7.6	8.1	7.7	7.9
21	8.2	8.0	8.1	7.6	7.0	7.2	7.6	7.3	7.5	8.0	7.7	7.9
22	8.4	8.0	8.2	7.6	7.0	7.1	8.1	7.3	7.7	8.1	7.6	7.9
23	8.3	7.8	8.0	7.4	7.1	7.3	7.6	7.2	7.4	8.0	7.5	7.8
24	8.0	7.6	7.8	7.9	7.3	7.5	7.4	7.1	7.3	8.3	7.8	8.0
25	7.9	7.5	7.7	7.6	7.3	7.4	7.5	7.2	7.4	8.3	7.9	8.2
26	7.6	7.2	7.4	7.6	7.4	7.5	7.4	6.9	7.2	8.4	8.0	8.2
27	7.4	7.1	7.3	8.1	7.4	7.7	8.1	6.8	7.2	9.6	7.9	8.3
28	7.5	7.1	7.3	7.9	7.3	7.5	---	---	---	9.5	8.0	8.5
29	7.5	7.1	7.3	7.6	7.2	7.3	---	---	---	9.1	8.2	8.6
30	7.6	7.2	7.4	7.7	7.2	7.5	---	---	---	9.4	9.1	9.3
31	---	---	---	7.7	7.3	7.5	---	---	---	---	---	---
MONTH	8.4	7.1	7.8	8.5	6.3	7.3	---	---	---	---	---	---

SANTEE RIVER BASIN

229

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 poor.

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	37	71	47	109	72	112	121	106	110	146	376	119
2	35	59	48	95	68	110	115	112	106	924	744	88
3	32	57	47	113	65	99	111	106	171	308	228	84
4	30	54	51	93	107	93	108	98	246	166	219	81
5	32	81	520	86	78	93	143	108	140	132	241	92
6	33	214	229	84	72	294	131	653	140	116	e145	72
7	34	101	131	81	119	172	643	585	432	132	e390	70
8	36	77	98	80	86	127	324	238	316	143	172	69
9	38	67	81	79	76	112	294	174	185	106	126	66
10	43	65	75	76	77	102	391	146	150	98	116	64
11	44	101	272	73	71	96	309	131	134	95	111	63
12	45	138	133	72	67	92	206	122	130	107	100	62
13	85	113	283	71	65	90	168	112	140	99	e94	61
14	45	86	248	70	65	89	149	109	121	99	e89	60
15	428	76	139	69	70	91	138	108	116	246	89	61
16	1060	155	106	68	93	164	134	112	126	118	87	60
17	253	167	89	70	124	113	133	125	142	94	95	59
18	132	101	80	67	103	124	221	133	123	86	150	58
19	93	80	76	66	88	183	148	113	171	99	100	58
20	75	72	412	66	83	e2000	135	102	142	82	87	57
21	69	68	167	66	74	e660	148	110	114	295	88	57
22	68	64	117	68	462	e240	147	e1220	104	138	88	140
23	59	59	99	67	277	e200	124	e859	99	116	81	307
24	56	58	518	64	154	e170	117	285	95	108	77	77
25	55	55	322	64	122	e152	120	202	92	89	75	60
26	61	53	160	64	112	143	173	168	89	78	72	56
27	55	52	125	62	149	132	127	147	86	81	69	54
28	67	51	108	62	129	126	114	134	90	74	67	53
29	93	50	98	66	---	123	108	125	90	72	67	48
30	92	51	91	115	---	177	105	118	87	185	65	48
31	72	---	87	83	---	134	---	114	---	349	112	---
TOTAL	3357	2496	5057	2369	3128	6613	5405	6975	4287	4981	4620	2304
MEAN	108	83.2	163	76.4	112	213	180	225	143	161	149	76.8
MAX	1060	214	520	115	462	2000	643	1220	432	924	744	307
MIN	30	50	47	62	65	89	105	98	86	72	65	48
CFSM	2.18	1.67	3.28	1.54	2.25	4.29	3.63	4.53	2.88	3.23	3.00	1.55
IN.	2.51	1.87	3.79	1.77	2.34	4.95	4.05	5.22	3.21	3.73	3.46	1.72

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2003, BY WATER YEAR (WY)

	1998	1999	2000	2001	2002	2003	1998	1999	2000	2001	2002	2003
MEAN	52.1	47.2	73.6	68.5	71.3	114	103	91.4	59.0	52.2	45.7	38.8
MAX	108	83.2	163	76.4	112	213	180	225	143	161	149	76.8
(WY)	2003	2003	2003	2003	2003	2003	2003	2003	2003	2003	2003	2003
MIN	14.5	26.9	39.2	54.0	44.1	56.6	38.1	27.4	17.5	17.5	12.3	19.5
(WY)	2001	2002	2002	2001	2001	1999	2002	2001	2002	2002	2001	1999

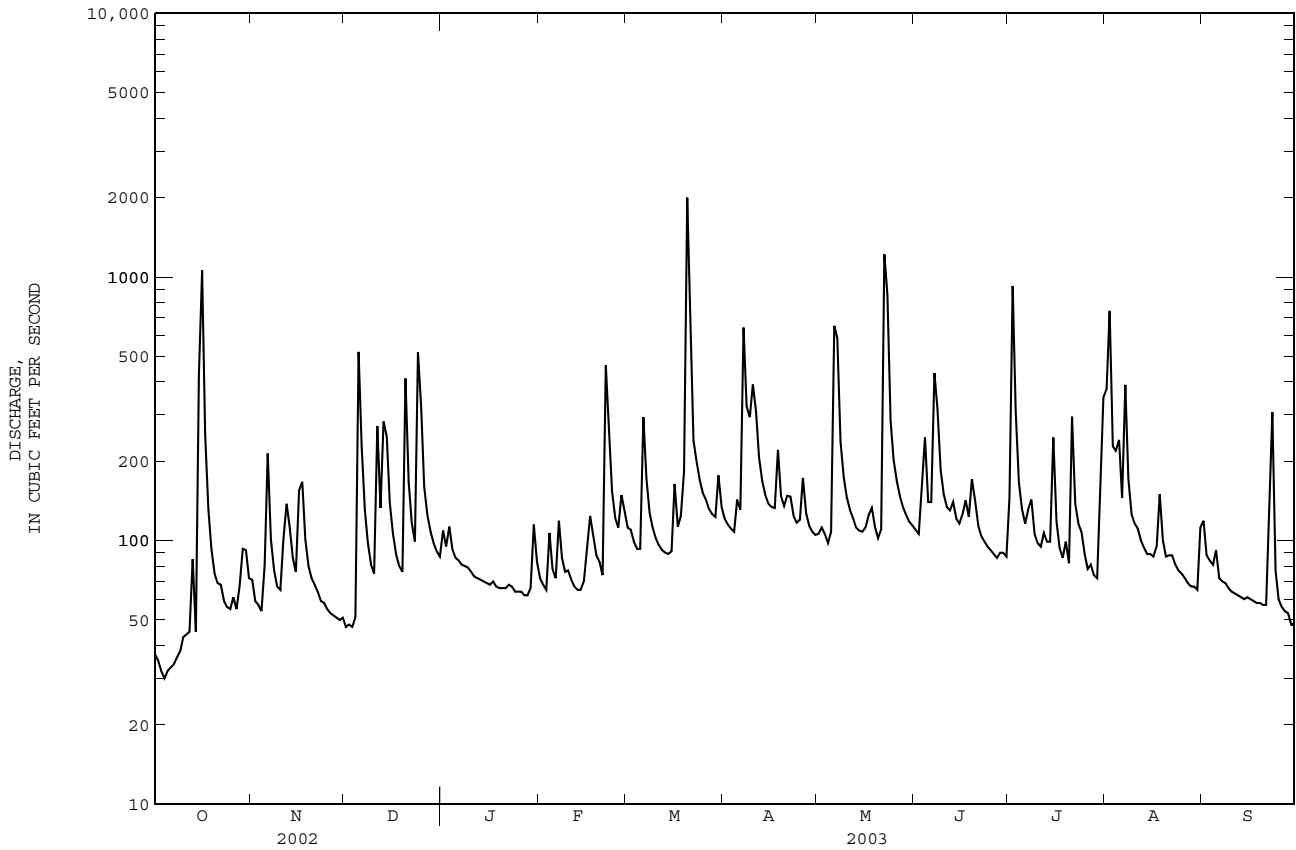
SANTEE RIVER BASIN

02160200 ENOREE RIVER AT TAYLORS, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1998 - 2003	
ANNUAL TOTAL	21800.9		51592		65.2	
ANNUAL MEAN	59.7		141		141	
HIGHEST ANNUAL MEAN					2003	
LOWEST ANNUAL MEAN					36.9	
HIGHEST DAILY MEAN	1060	Oct 16	e 2000	Mar 20	e 2000	Mar 20 2003
LOWEST DAILY MEAN	2.3	Aug 14	30	Oct 4	2.3	Aug 14 2002
ANNUAL SEVEN-DAY MINIMUM	3.1	Aug 9	33	Oct 2	3.1	Aug 9 2002
MAXIMUM PEAK FLOW			5600		5600	
MAXIMUM PEAK STAGE			a 13.77		a 13.77	
ANNUAL RUNOFF (CFSM)	1.20		2.84		1.31	
ANNUAL RUNOFF (INCHES)	16.32		38.62		17.84	
10 PERCENT EXCEEDS	109		246		123	
50 PERCENT EXCEEDS	40		100		44	
90 PERCENT EXCEEDS	10		58		14	

a From floodmarks.

e Estimated



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 good except for estimated daily discharges, which are poor.

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	80	102	90	214	151	190	176	164	169	295	382	195
2	72	92	90	177	141	189	171	206	164	1450	1180	132
3	69	86	95	219	134	166	167	178	328	592	413	139
4	65	84	e95	171	209	156	161	157	436	267	307	131
5	61	186	e700	157	168	156	224	180	229	203	614	147
6	59	344	e550	151	155	551	212	841	247	193	435	115
7	58	e170	e300	146	279	341	810	1020	702	189	1160	110
8	57	e125	e200	146	181	222	558	381	509	237	551	109
9	56	111	e175	144	158	187	474	250	276	183	252	106
10	60	104	e160	142	170	168	639	206	210	173	216	102
11	60	243	e400	136	149	170	580	185	200	174	193	99
12	57	329	e300	136	141	170	328	173	202	207	168	99
13	129	207	452	134	135	163	260	156	373	173	155	97
14	98	e148	e400	136	138	146	224	155	210	183	148	96
15	584	e130	e275	135	148	156	209	155	193	283	147	99
16	1370	324	196	132	198	289	216	164	238	209	148	98
17	602	e330	166	140	266	192	245	208	238	172	150	93
18	200	e180	153	132	206	244	492	187	202	171	216	91
19	142	e150	147	129	178	374	252	178	397	169	231	89
20	116	e140	587	130	170	3340	213	152	251	151	149	87
21	109	127	348	132	157	1900	273	156	186	308	176	85
22	102	e120	214	135	537	439	247	1970	170	250	149	162
23	98	e115	183	136	624	292	196	1960	161	207	134	502
24	95	109	676	127	261	242	e182	503	157	197	127	153
25	97	e107	732	125	198	213	e186	305	153	159	125	117
26	102	e105	297	126	188	199	275	231	150	139	121	107
27	95	100	224	124	305	189	199	209	148	151	116	103
28	121	94	195	123	239	182	176	196	151	151	111	111
29	163	93	178	136	---	180	167	192	154	148	111	93
30	149	95	165	296	---	288	163	183	149	301	107	90
31	114	---	161	185	---	204	---	180	---	928	114	---
TOTAL	5240	4650	8904	4652	5984	11898	8675	11381	7353	8613	8606	3757
MEAN	169	155	287	150	214	384	289	367	245	278	278	125
MAX	1370	344	732	296	624	3340	810	1970	702	1450	1180	502
MIN	56	84	90	123	134	146	161	152	148	139	107	85
CFSM	2.01	1.84	3.41	1.78	2.54	4.56	3.43	4.36	2.91	3.30	3.30	1.49
IN.	2.32	2.05	3.93	2.06	2.64	5.26	3.83	5.03	3.25	3.81	3.80	1.66

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 2003, BY WATER YEAR (WY)

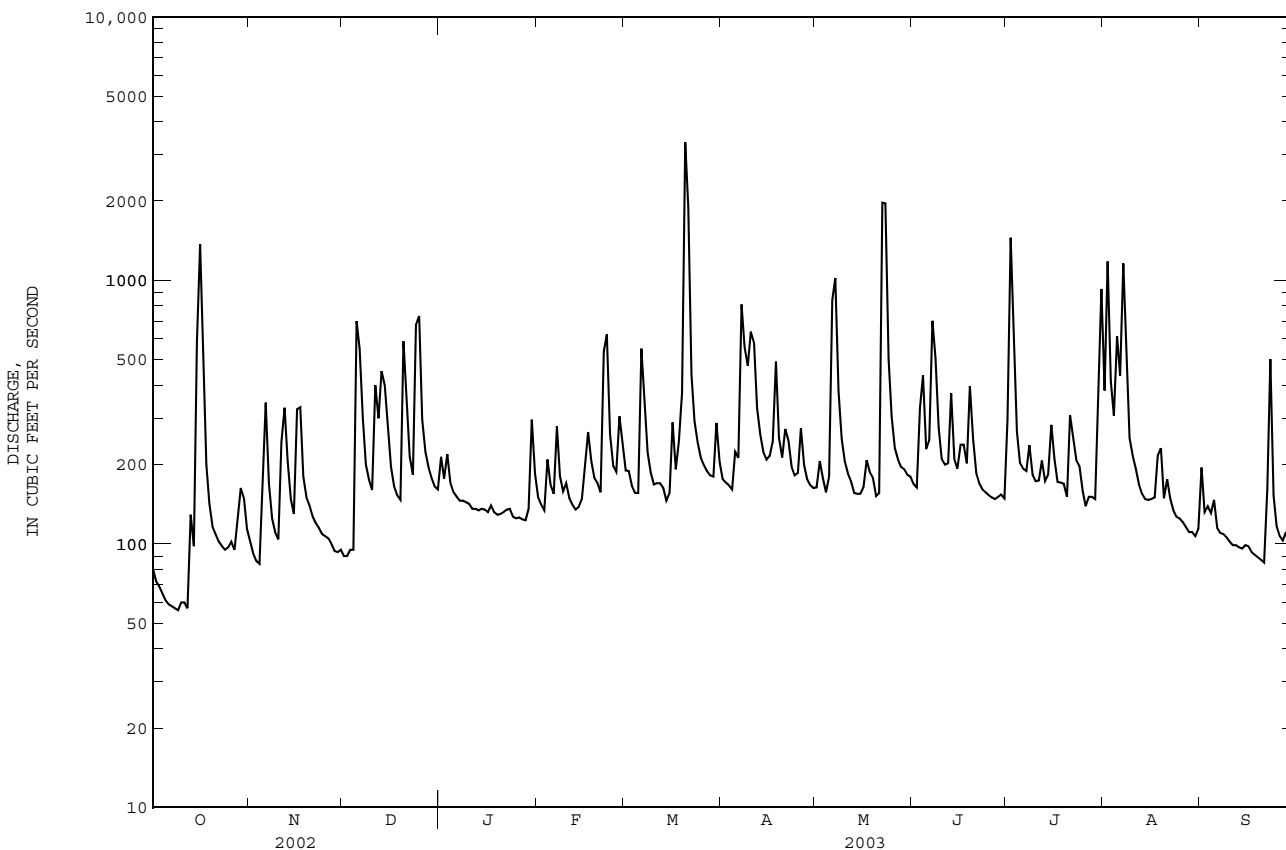
MEAN	119	119	150	201	209	224	188	159	124	113	153	96.2
MAX	226	252	287	367	387	384	323	367	245	278	529	162
(WY)	1996	1996	2003	1998	1998	2003	1998	2003	2003	2003	1995	2002
MIN	33.6	62.5	82.4	105	95.7	113	86.6	62.9	44.7	54.3	37.9	46.7
(WY)	2001	2002	2002	2001	2001	1999	2002	2001	2002	2000	1999	1999

SANTEE RIVER BASIN

02160326 ENOREE RIVER AT PELHAM, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1993 - 2003	
ANNUAL TOTAL	45366		89713		155	
ANNUAL MEAN	124		246		246	
HIGHEST ANNUAL MEAN					2003	
LOWEST ANNUAL MEAN					85.5	
HIGHEST DAILY MEAN	1370	Sep 15	3340	Mar 20	8500	Aug 27 1995
LOWEST DAILY MEAN	20	Aug 12	56	Oct 9	16	a Sep 18 1999
ANNUAL SEVEN-DAY MINIMUM	22	Aug 8	58	Oct 6	19	Sep 14 1999
MAXIMUM PEAK FLOW			4230	Mar 20	b 11300	Aug 27 1995
MAXIMUM PEAK STAGE			14.50	Mar 20	c 22.98	Aug 27 1995
ANNUAL RUNOFF (CFSM)	1.48		2.92		1.84	
ANNUAL RUNOFF (INCHES)	20.04		39.64		24.94	
10 PERCENT EXCEEDS	237		437		259	
50 PERCENT EXCEEDS	86		171		107	
90 PERCENT EXCEEDS	33		98		47	

- a Also occurred Sep. 19, 1999.
- b From rating curve extended above 3000 ft³/s on basis of contracted-opening and flow-over-road measurement of peak flow.
- c From floodmarks.
- e Estimated



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 2002 TO SEPTEMBER 2003												
DAILY MEAN VALUES												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.4	7.4	9.0	24	15	29	21	18	17	33	39	9.0
2	5.9	7.2	9.0	18	14	26	20	23	16	93	25	9.0
3	5.5	6.7	9.2	17	13	21	19	20	24	26	16	8.9
4	5.5	6.8	12	15	17	19	19	18	21	20	14	8.7
5	5.4	18	42	14	13	19	22	22	17	17	20	8.6
6	5.2	35	22	14	14	80	21	69	37	16	27	8.1
7	4.7	14	16	13	29	33	79	45	64	15	22	8.1
8	4.8	11	14	13	17	25	42	30	32	14	16	8.0
9	4.5	10	13	13	15	22	46	25	23	13	14	7.7
10	5.0	10	13	12	21	20	93	22	20	14	15	6.7
11	7.9	25	41	12	16	18	56	22	22	14	13	6.2
12	5.5	115	20	11	14	17	36	e20	29	13	23	5.9
13	5.5	33	66	11	14	17	30	18	23	13	14	6.5
14	5.2	21	37	11	15	16	26	18	20	13	13	6.8
15	28	17	23	11	14	18	24	e18	18	13	12	e7.1
16	37	62	20	11	24	21	23	e18	18	12	12	e6.8
17	13	44	18	11	20	18	28	e25	17	11	16	6.1
18	9.7	24	16	11	17	41	106	e22	17	10	13	5.3
19	8.1	19	14	11	15	56	41	e21	19	12	11	4.7
20	7.7	16	25	11	15	424	32	18	18	12	11	5.0
21	8.1	14	16	11	14	59	30	19	15	11	11	5.4
22	7.2	13	14	13	81	40	27	e240	15	17	11	12
23	7.0	12	13	12	36	33	24	e80	13	17	11	19
24	6.9	11	120	11	24	28	23	40	13	14	10	8.9
25	7.2	11	50	11	21	25	24	30	14	12	9.5	8.0
26	7.7	10	29	11	21	25	24	26	13	16	8.5	7.7
27	6.8	9.7	22	10	95	24	21	23	12	17	8.2	7.5
28	8.4	9.7	20	10	42	22	20	21	14	11	8.3	7.4
29	13	9.2	18	11	---	21	20	20	13	14	8.6	7.0
30	9.5	9.2	19	31	---	28	19	19	13	13	8.4	7.2
31	7.8	---	15	19	---	22	---	18	---	33	7.9	---
TOTAL	270.1	610.9	775.2	414	666	1267	1016	1028	607	559	448.4	233.3
MEAN	8.71	20.4	25.0	13.4	23.8	40.9	33.9	33.2	20.2	18.0	14.5	7.78
MAX	37	115	120	31	95	424	106	240	64	93	39	19
MIN	4.5	6.7	9.0	10	13	16	19	18	12	10	7.9	4.7
CFSM	0.62	1.45	1.79	0.95	1.70	2.92	2.42	2.37	1.45	1.29	1.03	0.56
IN.	0.72	1.62	2.06	1.10	1.77	3.37	2.70	2.73	1.61	1.49	1.19	0.62

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1994 - 2003, BY WATER YEAR (WY)

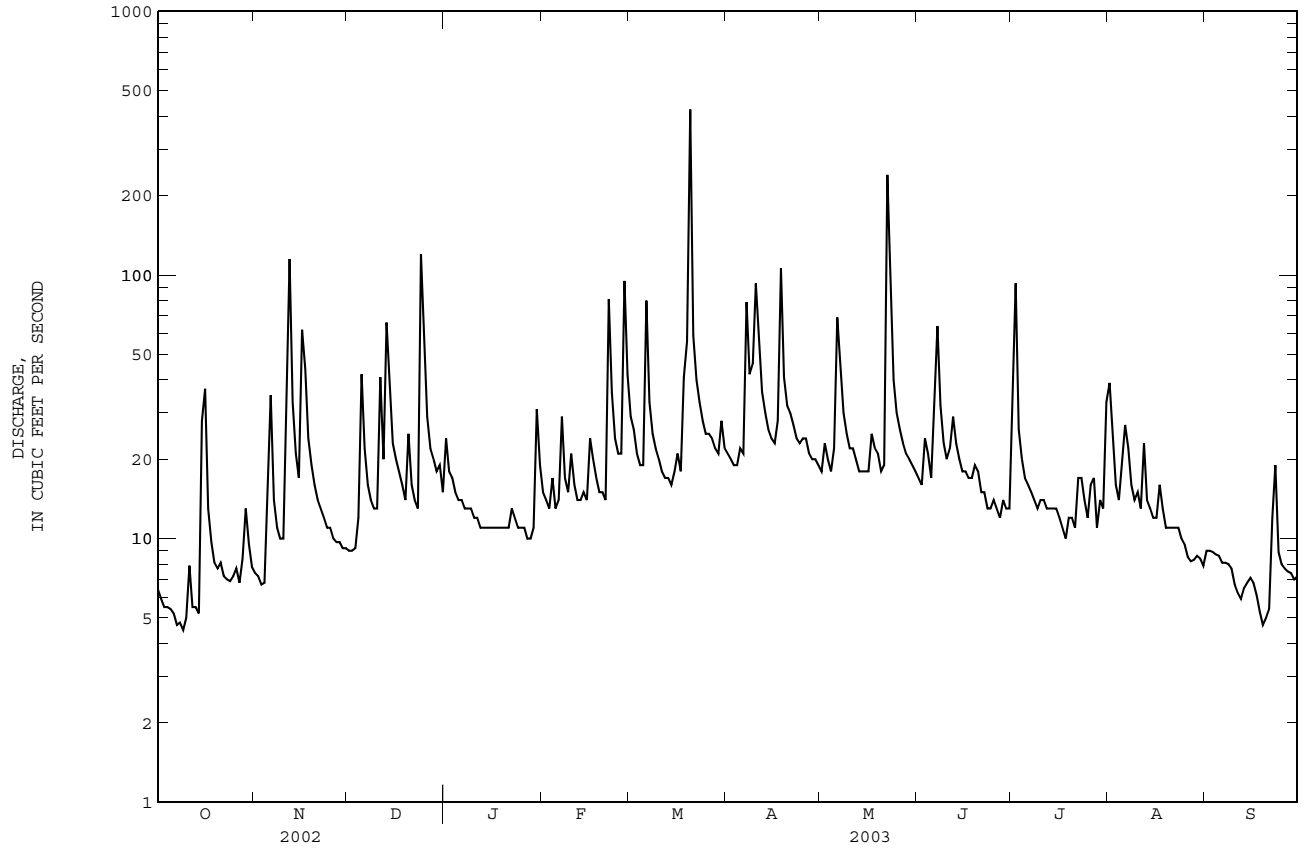
MEAN	11.7	13.1	15.5	23.0	26.4	27.9	21.3	14.3	10.6	8.85	14.4	9.99
MAX	24.8	23.5	25.0	47.3	51.4	40.9	57.2	33.2	20.2	18.0	61.5	16.3
(WY)	2000	1996	2003	1995	1998	2003	1998	2003	2003	2003	1995	2001
MIN	4.07	6.52	7.55	9.50	8.16	14.1	10.8	5.91	3.48	2.31	0.72	3.63
(WY)	2001	2002	2002	2001	2001	1999	2002	2001	2000	2002	2002	1999

SANTEE RIVER BASIN

02160381 DURBIN CREEK ABOVE FOUNTAIN INN, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1994 - 2003	
ANNUAL TOTAL	4327.63		7894.9		16.3	
ANNUAL MEAN	11.9		21.6		26.2	
HIGHEST ANNUAL MEAN					8.90	
LOWEST ANNUAL MEAN					2002	
HIGHEST DAILY MEAN	213	Sep 15	424	Mar 20	800	Aug 27 1995
LOWEST DAILY MEAN	0.15	Aug 13	4.5	Oct 9	0.15	Aug 13 2002
ANNUAL SEVEN-DAY MINIMUM	0.27	Aug 9	5.0	Oct 4	0.27	Aug 9 2002
MAXIMUM PEAK FLOW			976		Unknown	
MAXIMUM PEAK STAGE			8.54		a 14.58	
ANNUAL RUNOFF (CFSM)	0.85		1.54		1.16	
ANNUAL RUNOFF (INCHES)	11.50		20.98		15.80	
10 PERCENT EXCEEDS	22		36		27	
50 PERCENT EXCEEDS	8.4		16		10	
90 PERCENT EXCEEDS	1.1		7.4		4.3	

a From floodmarks.
e Estimated



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 2002 TO SEPTEMBER 2003
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.25	0.01	0.13	0.00	0.00	0.00	2.31	0.50	0.00
2	0.00	0.00	0.00	0.04	0.00	0.02	0.00	0.28	0.00	0.25	0.01	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.66	0.00	0.04	0.00
4	0.00	0.03	0.05	0.00	0.21	0.02	0.00	0.00	0.02	0.00	0.05	0.12
5	0.00	1.19	0.11	0.00	0.00	0.30	0.23	0.39	0.00	0.00	1.42	0.00
6	0.00	0.03	0.00	0.00	0.47	0.85	0.57	0.72	1.11	0.00	0.04	0.00
7	0.00	0.00	0.00	0.00	0.08	0.00	0.67	---	0.82	0.00	0.04	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.41	---	0.16	0.00	0.00	0.00
9	0.01	0.00	0.00	0.00	0.00	0.00	0.23	---	0.00	0.00	0.00	0.00
10	0.02	0.02	0.61	0.00	0.26	0.00	0.83	---	0.00	0.07	0.00	0.00
11	0.35	0.74	0.10	0.00	0.00	0.00	0.04	---	0.42	0.05	0.00	0.00
12	0.00	1.61	0.00	0.00	0.00	0.00	0.00	---	0.46	0.01	0.61	0.00
13	0.05	0.01	0.81	0.00	0.00	0.01	0.00	---	0.08	0.03	0.00	0.00
14	0.02	0.00	0.00	0.00	0.09	0.05	0.00	---	0.00	0.00	0.01	0.00
15	1.28	0.01	0.00	0.00	0.02	0.34	0.00	---	0.00	0.00	0.00	---
16	0.17	1.24	0.00	0.03	0.40	0.03	0.00	---	0.42	0.00	0.12	---
17	0.00	0.07	0.00	0.08	0.11	0.27	0.50	---	0.00	0.00	0.09	0.00
18	0.00	0.00	0.00	0.00	0.00	0.49	1.06	---	0.06	0.00	0.00	0.00
19	0.00	0.00	0.14	0.00	0.01	1.11	0.01	---	0.19	0.00	0.00	0.00
20	0.04	0.00	0.36	0.00	0.02	1.25	0.01	0.00	0.00	0.00	0.01	0.00
21	0.06	0.00	0.00	0.19	0.05	0.00	0.07	0.27	0.00	0.06	0.00	0.00
22	0.01	0.00	0.00	0.01	1.07	0.00	0.01	---	0.00	0.24	0.00	0.63
23	0.00	0.00	0.00	0.00	0.01	0.00	0.00	---	0.00	0.27	0.00	0.02
24	0.00	0.00	1.42	0.07	0.00	0.00	0.00	0.02	0.01	0.01	0.00	0.00
25	0.17	0.00	0.07	0.11	0.00	0.00	0.18	0.00	0.00	0.00	0.01	0.00
26	0.00	0.00	0.00	0.01	0.30	0.00	0.05	0.06	0.00	0.50	0.00	0.00
27	0.00	0.00	0.00	0.00	0.93	0.01	0.00	0.00	0.23	0.10	0.00	0.02
28	0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.01
29	0.31	0.00	0.00	0.24	---	0.00	0.00	0.00	0.00	0.16	0.00	0.00
30	0.11	0.00	0.00	0.74	---	0.56	0.00	0.00	0.07	0.20	0.00	0.00
31	0.00	---	0.12	0.00	---	0.00	---	0.00	---	0.45	0.03	---
TOTAL	2.89	4.95	3.79	1.77	4.04	5.44	4.87	---	4.75	4.71	2.98	---

SANTEE RIVER BASIN

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 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	155	e209	213	465	373	659	531	429	477	375	728	e336
2	145	e208	203	481	325	599	500	435	450	2600	1400	e334
3	134	e207	201	453	299	512	476	530	614	1950	987	e335
4	130	e207	204	419	319	458	459	428	912	813	627	e318
5	e128	e207	1040	365	396	440	469	418	628	591	953	e339
6	e127	770	1140	345	305	1560	605	1190	504	505	1440	e312
7	e127	402	577	331	595	1160	2050	2340	1740	485	1720	e288
8	e127	263	420	321	468	678	1770	1210	1230	483	1330	e278
9	e126	226	357	313	365	555	1440	717	796	438	742	274
10	e126	220	323	304	379	487	1840	578	589	406	549	265
11	e126	415	866	290	376	449	2220	508	517	447	524	257
12	e126	1530	680	278	322	418	1080	480	583	439	535	252
13	e126	886	1060	271	302	402	804	431	740	392	454	249
14	e176	489	1370	268	291	396	675	404	546	390	413	244
15	525	385	714	265	312	393	608	396	473	382	389	244
16	1720	856	522	259	353	590	567	391	537	517	375	242
17	1240	1250	437	269	573	526	540	573	587	382	407	232
18	452	624	382	262	461	694	2110	531	483	346	e471	225
19	303	449	358	247	387	870	1110	468	553	381	e583	219
20	241	389	768	246	353	5710	756	414	771	352	e419	216
21	e219	351	824	250	334	7260	662	389	480	341	e372	213
22	e214	320	490	281	1140	2190	908	2750	411	512	e446	216
23	e211	288	403	263	1780	1020	627	6700	380	458	e364	788
24	e209	271	1550	260	771	825	555	2590	364	432	e342	471
25	e209	259	2460	239	551	715	538	1070	353	358	e329	287
26	e209	250	941	242	478	654	659	823	348	327	e322	255
27	e208	238	627	238	1330	612	594	696	346	353	e316	239
28	e207	229	523	230	1220	565	498	616	340	346	e307	238
29	e280	218	463	233	---	542	465	567	347	311	e362	223
30	271	216	424	564	---	661	445	528	338	368	e311	210
31	e220	---	394	593	---	659	---	502	---	1210	e304	---
TOTAL	8817	12832	20934	9845	15158	33259	26561	30102	17437	17690	18821	8599
MEAN	284	428	675	318	541	1073	885	971	581	571	607	287
MAX	1720	1530	2460	593	1780	7260	2220	6700	1740	2600	1720	788
MIN	126	207	201	230	291	393	445	389	338	311	304	210
CFSM	1.14	1.72	2.71	1.28	2.17	4.31	3.56	3.90	2.33	2.29	2.44	1.15
IN.	1.32	1.92	3.13	1.47	2.26	4.97	3.97	4.50	2.61	2.64	2.81	1.28

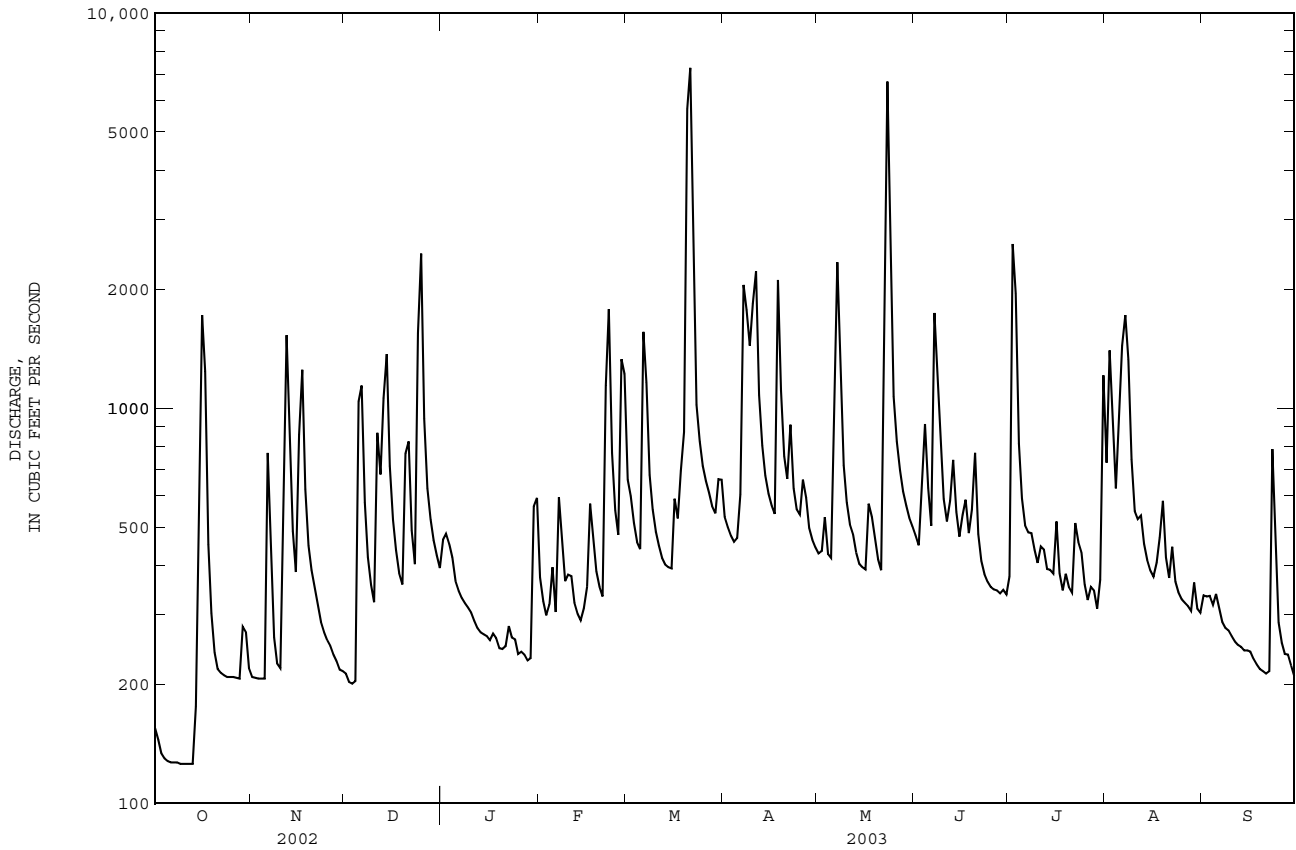
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 2003, BY WATER YEAR (WY)

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	
MEAN	266	297	376	474	528	660	488	378	279	244	324	242
MAX	494	728	675	862	1041	1228	1040	971	581	571	1161	418
(WY)	1996	1996	2003	1998	1998	1993	1998	2003	2003	2003	1995	2002
MIN	78.9	153	181	236	210	285	219	151	104	119	81.8	98.2
(WY)	2001	2002	2002	2001	2001	1999	2002	2001	2002	2002	1999	1999

02160390 ENOREE RIVER NEAR WOODRUFF, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1993 - 2003	
ANNUAL TOTAL	105960		220055			
ANNUAL MEAN	290		603		376	
HIGHEST ANNUAL MEAN					603 2003	
LOWEST ANNUAL MEAN					213 2002	
HIGHEST DAILY MEAN	5400	Sep 16	7260	Mar 21	20000	Aug 27 1995
LOWEST DAILY MEAN	34	Aug 13	e 126	a Oct 9	34	Aug 13 2002
ANNUAL SEVEN-DAY MINIMUM	36	Aug 9	126	Oct 7	36	Aug 9 2002
MAXIMUM PEAK FLOW			8920 Mar 21		b 52200 Aug 27 1995	
MAXIMUM PEAK STAGE			17.72 Mar 21		c 29.90 Aug 27 1995	
ANNUAL RUNOFF (CFSM)	1.17		2.42		1.51	
ANNUAL RUNOFF (INCHES)	15.83		32.88		20.50	
10 PERCENT EXCEEDS	524		1150		623	
50 PERCENT EXCEEDS	204		428		262	
90 PERCENT EXCEEDS	70		219		114	

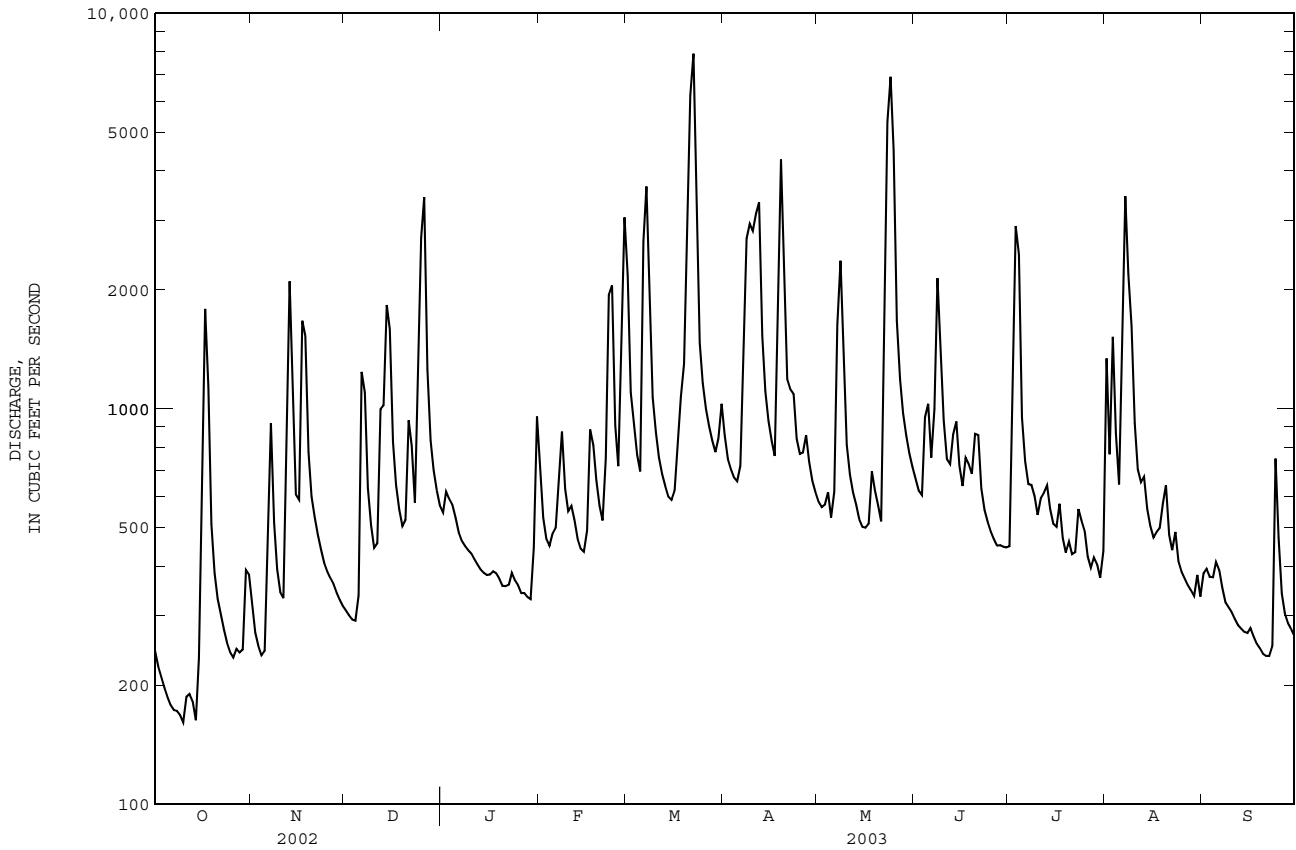
a Also occurred Oct. 10-13 and are estimates.
 b From rating curve extended above 5,690 ft³/s and on basis of contracted-opening measurement of peak flow.
 c From floodmarks.
 e Estimated



02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1974 - 2003	
ANNUAL TOTAL	140283		308761			
ANNUAL MEAN	384		846		558	
HIGHEST ANNUAL MEAN					859 1984	
LOWEST ANNUAL MEAN					267 1988	
HIGHEST DAILY MEAN	3430	Dec 26	7910	Mar 22	22700	Aug 29 1995
LOWEST DAILY MEAN	30	a Aug 14	161	Oct 10	30	a Aug 14 2002
ANNUAL SEVEN-DAY MINIMUM	32	Aug 10	175	Oct 8	32	Aug 10 2002
MAXIMUM PEAK FLOW			8570 Mar 22		31200 Aug 28 1995	
MAXIMUM PEAK STAGE			28.37 Mar 22		37.32 Aug 28 1995	
INSTANTANEOUS LOW FLOW			158 b Oct 10		26 Aug 15 2002	
ANNUAL RUNOFF (CFSM)	0.87		1.91		1.26	
ANNUAL RUNOFF (INCHES)	11.75		25.87		17.09	
10 PERCENT EXCEEDS	828		1650		1000	
50 PERCENT EXCEEDS	272		572		382	
90 PERCENT EXCEEDS	76		277		162	

a Also occurred Aug. 15, 2002.
 b Also occurred Oct. 14, 15.



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 Oct. 17 to Nov. 23, July 4-14, Aug. 20-26, and Sep. 1-3, which are good. pH records rated good except for June 24-27, which are fair, and Mar. 6-11, which are poor. Temperature records rated excellent. Dissolved oxygen records rated good except for Nov. 29 to Dec. 18, which are fair, and Oct. 15 to Nov. 6, Jan. 5-29, Feb. 12 to Mar. 5, Mar. 22 to Apr. 3, Apr. 9-23, and Apr. 28 to May 26, 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, 139 microsiemens, Oct. 13; minimum, 31 microsiemens, Mar. 22.

pH: Maximum, 7.7 units, June 17; minimum, 6.0 units, Mar. 21, 22.

WATER TEMPERATURE: Maximum, 28.3°C, Aug. 29; minimum, 2.0°C, Jan. 25.

DISSOLVED OXYGEN: Maximum, 13.0 mg/L, Jan. 25; minimum, 5.9 mg/L, July 17.

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	95	87	91	92	88	90	104	97	100	82	76	78
2	98	94	96	100	90	95	106	98	100	79	75	77
3	103	97	100	107	96	100	106	96	99	86	74	77
4	107	100	104	108	101	104	103	97	100	87	71	77
5	111	104	108	111	102	108	101	93	96	90	74	80
6	113	107	111	104	96	99	93	62	83	93	80	83
7	118	111	115	99	68	84	68	61	64	93	85	87
8	119	115	117	81	68	74	71	61	67	93	85	88
9	128	119	121	88	75	81	77	70	74	90	79	84
10	135	120	125	92	84	87	80	76	77	99	79	84
11	130	108	119	96	88	93	81	78	80	94	85	87
12	128	118	122	97	70	88	86	59	73	93	84	88
13	139	122	128	70	58	63	63	56	60	94	85	88
14	131	124	127	73	60	67	67	52	58	96	86	90
15	125	118	122	80	71	76	75	52	59	96	85	89
16	119	57	98	81	75	79	82	57	66	94	85	88
17	60	52	56	78	59	71	78	65	70	90	86	88
18	59	52	56	78	61	66	77	70	73	93	88	90
19	69	59	65	77	64	70	80	73	76	93	86	91
20	78	68	75	83	70	75	93	77	81	101	89	92
21	86	78	81	87	77	81	94	62	81	95	89	92
22	93	84	89	91	83	86	72	58	63	94	87	90
23	100	92	95	95	86	89	76	61	68	90	85	88
24	101	94	97	98	90	93	72	51	62	94	86	89
25	100	97	99	101	94	96	54	42	48	93	88	90
26	107	98	102	101	93	96	50	42	45	97	90	93
27	108	104	106	100	93	96	67	49	57	97	91	94
28	111	107	110	113	93	98	75	56	64	100	93	96
29	111	104	107	105	96	98	81	66	70	96	90	93
30	107	102	105	107	96	99	79	67	73	90	76	84
31	102	88	94	---	---	---	77	72	75	81	75	79
MONTH	139	52	101	113	58	87	106	42	73	101	71	87

SANTEE RIVER BASIN

02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	84	70	76	57	50	53	73	67	70	82	71	74
2	82	72	75	76	57	62	74	68	71	86	75	80
3	84	75	80	75	60	67	76	71	72	92	84	87
4	85	79	82	81	66	74	77	71	74	92	80	84
5	91	79	83	77	71	74	77	74	75	80	74	78
6	83	79	81	74	40	48	79	75	77	81	75	79
7	79	70	74	50	41	45	77	54	66	77	48	65
8	89	69	75	63	45	53	56	44	50	54	45	49
9	78	67	72	64	56	59	54	45	48	66	48	58
10	80	73	75	72	59	65	57	48	51	71	61	66
11	87	75	78	73	64	68	57	46	51	76	67	72
12	91	74	79	77	67	72	58	46	52	80	71	76
13	84	75	79	79	70	74	65	52	58	85	71	75
14	84	79	82	80	73	75	65	60	62	76	71	74
15	90	83	85	81	75	78	73	58	64	77	72	76
16	87	80	84	83	77	79	73	60	65	83	77	80
17	80	67	73	84	73	79	73	64	67	88	83	85
18	85	68	74	73	59	64	68	37	51	88	77	83
19	83	70	75	71	57	61	48	40	43	77	70	72
20	91	77	82	60	40	46	59	44	51	81	70	75
21	84	77	80	47	32	38	67	55	60	77	72	74
22	79	60	70	37	31	34	76	60	65	74	39	63
23	70	50	61	49	35	43	69	57	62	39	32	35
24	59	50	54	58	49	54	65	58	62	40	32	35
25	63	55	59	63	55	60	70	64	67	52	34	44
26	68	61	64	65	59	63	82	69	73	60	48	55
27	69	45	58	68	63	65	80	71	75	63	55	59
28	57	46	50	73	66	69	75	68	71	67	57	62
29	---	---	---	75	69	72	78	68	72	71	62	66
30	---	---	---	74	70	72	80	69	73	72	64	68
31	---	---	---	74	68	71	---	---	---	76	67	71
MONTH	91	45	74	84	31	62	82	37	63	92	32	68

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	84	72	76	97	82	90	99	52	67	97	87	92
2	81	70	76	84	49	63	68	54	62	94	88	91
3	79	76	77	51	36	42	75	45	57	92	83	87
4	79	64	74	52	38	45	60	46	54	88	79	83
5	69	62	65	61	48	54	69	59	65	90	84	87
6	65	58	62	68	55	61	72	33	53	93	84	88
7	66	61	64	71	60	67	50	33	42	100	88	92
8	---	---	---	80	67	73	57	42	47	99	87	91
9	---	---	---	86	75	80	58	46	53	93	87	90
10	63	58	60	93	70	81	73	52	63	91	86	89
11	69	61	66	77	68	72	77	68	73	92	86	89
12	74	68	71	83	70	78	83	74	79	92	88	89
13	76	66	71	88	46	79	84	75	81	94	89	92
14	76	69	72	80	53	74	92	80	85	95	90	93
15	73	64	69	82	79	80	95	81	86	95	88	93
16	84	71	78	84	81	83	99	85	92	97	90	95
17	86	71	79	83	77	81	104	91	96	97	92	95
18	76	64	71	79	72	75	102	95	98	96	93	94
19	81	72	76	87	79	83	104	90	99	96	92	94
20	83	73	78	90	86	88	96	75	86	101	95	97
21	76	62	69	90	85	88	91	76	82	103	96	99
22	78	62	71	89	86	87	101	82	92	99	94	97
23	85	73	79	89	76	84	112	92	101	115	94	105
24	88	81	84	78	70	74	106	84	95	103	60	85
25	87	82	85	85	76	80	106	88	95	68	60	63
26	92	84	87	91	80	84	105	91	95	75	63	69
27	94	84	89	95	85	89	97	92	95	83	74	80
28	92	88	90	95	89	91	97	93	95	92	81	88
29	93	88	91	99	93	96	110	95	103	97	89	93
30	90	86	89	99	95	96	112	103	107	101	93	96
31	---	---	---	100	95	97	109	93	102	---	---	---
MONTH	---	---	---	100	36	78	112	33	81	115	60	90

SANTEE RIVER BASIN

02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	23.5	21.8	22.6	14.9	13.9	14.3	8.0	6.2	7.1	9.8	7.5	8.8
2	24.1	22.0	22.9	13.9	12.3	13.0	6.6	5.0	5.8	10.0	9.5	9.7
3	24.1	22.3	23.2	13.1	11.9	12.5	7.4	5.4	6.4	11.2	9.8	10.3
4	24.4	22.6	23.5	13.2	12.5	12.8	7.0	5.8	6.5	10.1	7.9	9.1
5	24.8	23.0	23.8	13.0	12.6	12.8	5.8	5.2	5.5	8.5	7.3	7.7
6	24.7	22.9	23.7	13.8	12.6	13.0	6.6	5.6	5.8	7.9	6.6	7.1
7	24.2	22.4	23.3	13.1	11.7	12.4	6.2	5.5	5.8	6.9	5.6	6.2
8	23.3	20.5	22.1	12.2	11.2	11.5	5.9	5.4	5.7	6.8	5.4	6.1
9	20.5	19.4	19.7	12.3	10.8	11.5	6.4	5.5	5.9	8.7	6.4	7.5
10	20.7	19.1	19.8	14.6	12.0	13.3	6.7	6.1	6.4	10.7	8.2	9.2
11	21.3	19.9	20.5	16.1	14.6	15.6	7.2	6.7	6.9	9.0	7.1	8.0
12	22.2	20.1	21.0	16.3	16.0	16.2	7.4	6.9	7.2	7.1	5.6	6.3
13	21.9	20.9	21.4	16.3	14.8	15.7	8.1	7.4	7.8	6.1	5.1	5.5
14	21.3	19.1	20.3	14.8	12.5	13.5	8.5	7.9	8.1	5.8	4.3	5.0
15	19.1	16.8	17.9	12.5	11.7	12.0	8.0	7.0	7.4	5.9	4.2	4.9
16	17.0	15.7	16.4	13.0	11.8	12.4	7.7	6.5	6.9	4.9	3.7	4.4
17	15.8	15.3	15.6	13.2	12.8	13.0	7.8	6.9	7.2	5.8	4.6	5.0
18	15.8	15.2	15.4	12.9	11.0	11.9	7.8	7.1	7.4	4.6	2.8	3.7
19	15.4	14.8	15.0	11.0	9.9	10.4	8.6	7.5	8.0	3.5	2.1	2.7
20	15.5	14.4	15.0	10.8	9.7	10.2	10.8	8.6	9.6	4.8	2.4	3.5
21	16.6	15.4	16.0	11.9	10.6	11.2	9.6	8.7	9.1	6.8	4.4	5.7
22	16.6	16.0	16.4	11.9	10.5	11.3	8.7	7.8	8.3	7.9	6.6	7.1
23	16.3	15.7	16.0	10.5	8.8	9.7	8.7	7.8	8.1	7.0	4.3	5.9
24	17.2	15.9	16.4	9.7	8.2	8.9	8.4	8.0	8.2	4.3	2.5	3.2
25	16.7	16.0	16.4	9.8	8.2	8.9	8.5	7.7	8.1	3.7	2.0	2.7
26	16.6	15.7	16.1	9.4	8.0	8.7	7.7	6.6	6.9	4.8	2.7	3.6
27	17.5	16.4	16.9	9.5	8.4	8.9	6.7	5.8	6.2	4.6	3.3	3.9
28	17.7	17.2	17.4	9.0	7.1	8.0	6.3	5.3	5.7	5.1	3.0	4.0
29	17.5	15.8	16.7	7.4	5.9	6.6	6.7	5.4	5.9	6.5	4.7	5.7
30	15.8	15.0	15.4	8.8	6.7	7.7	7.1	5.9	6.5	7.0	6.5	6.8
31	15.3	14.3	14.7	---	---	---	7.6	6.4	7.0	6.8	6.4	6.7
MONTH	24.8	14.3	18.8	16.3	5.9	11.6	10.8	5.0	7.0	11.2	2.0	6.0

Temperature, water, degrees Celsius												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	7.8	6.5	7.1	8.5	7.5	8.0	13.5	12.2	12.9	21.7	20.2	20.8
2	8.1	6.6	7.3	10.0	8.5	9.2	15.6	13.2	14.3	22.2	20.4	21.0
3	9.4	7.4	8.3	10.6	9.5	10.0	17.4	14.9	16.1	21.3	20.3	20.7
4	11.6	9.0	10.4	11.0	9.9	10.5	18.4	16.4	17.4	20.8	19.8	20.3
5	10.4	8.9	9.7	12.0	10.9	11.6	18.2	17.3	17.6	19.8	18.6	19.2
6	8.9	8.0	8.6	12.0	11.6	11.8	17.7	16.9	17.3	18.6	18.1	18.4
7	8.0	7.2	7.4	12.2	11.5	12.0	17.0	14.7	15.9	18.7	17.9	18.2
8	7.7	6.7	7.0	11.5	10.5	10.8	14.7	13.1	13.8	20.3	18.6	19.3
9	7.4	6.6	6.9	12.6	10.8	11.7	13.1	11.7	12.3	21.7	20.3	21.0
10	8.4	7.0	7.6	13.4	12.5	12.9	11.7	11.0	11.3	23.0	21.7	22.4
11	8.3	6.8	7.4	13.4	12.6	12.8	11.3	10.7	11.0	23.7	22.6	23.1
12	9.3	7.0	7.8	13.8	12.2	12.9	13.5	11.0	11.9	22.8	21.4	22.2
13	8.4	6.8	7.5	14.7	13.0	13.8	15.1	13.5	14.2	21.6	20.2	20.9
14	7.5	6.7	7.2	15.4	14.2	14.7	16.4	15.0	15.7	20.7	19.4	20.0
15	9.0	7.2	8.1	14.2	13.1	13.7	17.7	16.2	17.0	20.3	19.2	19.7
16	9.0	6.5	8.0	13.4	12.8	13.1	18.3	17.2	17.7	21.3	19.7	20.4
17	6.5	5.4	5.8	13.8	13.3	13.6	18.6	17.6	18.0	21.2	20.5	20.9
18	7.0	5.4	6.2	14.0	13.6	13.8	18.2	14.9	16.5	20.5	18.9	19.7
19	8.0	6.7	7.2	14.8	13.8	14.2	14.9	14.5	14.7	18.9	17.3	18.1
20	10.0	7.7	8.9	14.3	12.0	12.7	15.4	14.5	14.9	18.2	16.9	17.5
21	10.0	9.3	9.6	12.9	11.8	12.4	15.6	15.3	15.4	18.9	17.8	18.4
22	11.2	9.8	10.5	13.6	12.3	12.9	16.7	15.5	16.1	18.9	18.0	18.5
23	11.2	10.7	11.0	14.4	13.4	13.8	16.8	15.9	16.4	18.0	17.8	17.9
24	10.7	9.6	10.1	15.0	13.9	14.5	16.5	16.0	16.2	18.3	17.8	18.0
25	10.7	10.1	10.4	15.5	14.4	15.0	16.4	15.9	16.1	19.6	17.9	18.6
26	10.5	9.4	10.1	16.6	15.1	15.9	17.2	15.8	16.5	20.4	19.4	19.9
27	9.4	6.8	7.9	17.5	16.5	16.9	17.9	16.8	17.4	20.8	20.2	20.5
28	7.5	6.7	7.0	17.4	16.7	17.0	18.9	17.3	18.0	20.8	20.1	20.4
29	---	---	---	18.9	16.9	17.9	19.8	17.9	18.8	21.4	20.2	20.7
30	---	---	---	18.6	15.0	16.9	21.1	19.2	20.2	21.2	20.0	20.5
31	---	---	---	15.0	13.1	13.8	---	---	---	21.6	19.8	20.6
MONTH	11.6	5.4	8.2	18.9	7.5	13.3	21.1	10.7	15.7	23.7	16.9	19.9

SANTEE RIVER BASIN

02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	22.4	20.5	21.2	24.4	22.9	23.9	25.8	24.4	24.9	26.6	25.4	25.9
2	21.8	20.1	20.9	22.9	21.6	22.0	24.8	24.1	24.4	26.6	25.0	25.7
3	20.8	20.2	20.5	22.2	21.6	21.9	24.5	23.6	24.0	26.8	25.4	26.0
4	21.3	20.1	20.6	23.5	22.2	22.7	24.7	23.4	24.0	26.6	25.5	26.0
5	21.8	20.7	21.2	24.7	23.5	24.1	25.0	24.4	24.7	26.1	25.1	25.5
6	22.2	21.2	21.6	25.4	24.2	24.8	24.6	22.9	23.8	25.3	23.6	24.6
7	21.9	21.4	21.7	26.1	24.6	25.2	23.9	22.9	23.4	23.6	22.5	22.8
8	---	---	---	26.3	24.6	25.4	24.0	23.4	23.7	22.5	22.0	22.2
9	---	---	---	27.2	25.4	26.2	24.2	23.8	24.0	23.0	21.9	22.5
10	23.6	22.7	23.1	27.2	25.8	26.3	24.2	23.9	24.0	23.1	21.8	22.4
11	24.1	23.0	23.5	26.2	25.1	25.6	24.5	23.7	24.0	23.4	21.5	22.2
12	24.2	23.0	23.6	26.6	25.1	25.8	24.8	23.9	24.3	22.3	20.7	21.5
13	23.7	22.9	23.2	26.4	24.0	25.5	24.9	23.8	24.4	23.0	20.4	21.6
14	23.6	23.1	23.4	24.9	24.3	24.6	25.8	24.4	25.0	23.6	21.4	22.4
15	25.0	23.3	24.1	25.4	23.9	24.6	26.6	24.9	25.7	23.5	21.5	22.7
16	25.9	24.6	25.1	26.5	24.6	25.5	26.9	25.6	26.1	24.3	22.6	23.3
17	24.9	23.9	24.5	26.5	25.4	25.9	26.0	25.1	25.4	23.4	21.4	22.2
18	23.9	23.2	23.6	27.1	25.4	26.1	26.7	25.0	25.8	22.5	20.7	21.6
19	24.0	23.0	23.4	26.7	25.5	26.1	26.4	25.3	25.8	23.1	20.3	21.7
20	23.9	23.1	23.5	27.0	25.5	26.1	25.8	24.8	25.4	23.1	20.2	21.6
21	23.7	22.8	23.2	27.3	25.9	26.5	26.7	24.9	25.7	22.9	20.6	21.8
22	23.9	22.4	23.1	27.0	25.9	26.3	27.1	25.5	26.2	22.7	21.6	22.2
23	24.4	22.2	23.2	25.9	24.3	25.1	27.0	25.4	26.1	24.1	22.0	22.8
24	24.9	22.8	23.8	25.0	23.7	24.2	26.7	25.7	26.1	22.3	21.4	21.7
25	25.4	23.3	24.3	25.2	23.8	24.5	26.7	25.1	25.8	22.1	20.7	21.3
26	26.1	23.8	24.9	25.9	24.4	25.1	26.8	25.0	26.0	22.0	20.2	21.1
27	26.1	24.4	25.2	26.2	24.9	25.5	27.5	25.5	26.4	22.3	20.4	21.4
28	25.1	24.0	24.6	27.4	25.3	26.3	27.9	26.0	26.9	22.7	20.8	21.6
29	25.4	23.6	24.4	27.9	26.0	26.8	28.3	26.4	27.2	20.8	18.3	19.5
30	25.0	24.4	24.7	27.3	26.2	26.6	28.0	26.7	27.3	18.9	16.7	17.7
31	---	---	---	26.6	25.8	26.1	27.3	26.2	26.8	---	---	---
MONTH	---	---	---	27.9	21.6	25.2	28.3	22.9	25.3	26.8	16.7	22.5

SANTEE RIVER BASIN

02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.4	7.0	7.2	9.4	9.1	9.2	10.6	10.1	10.4	10.6	9.9	10.3
2	7.1	6.9	7.0	9.8	9.2	9.5	11.1	10.6	10.8	10.0	9.9	9.9
3	7.1	6.9	7.0	9.9	9.6	9.7	11.0	10.4	10.7	10.0	9.7	9.8
4	7.1	6.8	6.9	9.7	9.5	9.6	10.8	10.4	10.5	10.6	9.7	10.1
5	7.0	6.7	6.8	9.7	9.3	9.5	11.0	10.7	10.8	10.9	10.4	10.6
6	7.1	6.8	7.0	9.5	9.1	9.3	11.2	10.7	10.9	11.1	10.6	10.7
7	7.2	6.9	7.0	9.6	9.0	9.3	11.2	11.0	11.1	11.4	10.9	11.1
8	7.5	6.9	7.1	9.8	9.5	9.6	11.2	10.9	11.1	11.3	10.9	11.2
9	7.8	7.5	7.7	9.8	9.4	9.6	11.2	11.1	11.1	11.1	10.5	10.8
10	7.9	7.5	7.7	9.5	8.7	9.2	11.1	10.7	10.9	10.6	10.0	10.3
11	7.8	7.4	7.5	8.7	8.2	8.4	10.8	10.6	10.7	10.8	10.2	10.6
12	7.7	7.4	7.5	8.2	8.0	8.1	10.8	10.6	10.7	11.5	10.8	11.2
13	7.5	7.3	7.3	8.3	7.8	8.0	10.6	10.1	10.4	11.7	11.4	11.5
14	7.8	7.3	7.6	9.2	7.8	8.7	10.7	10.1	10.4	11.9	11.4	11.7
15	8.1	7.7	7.9	9.5	9.2	9.4	11.3	10.5	10.8	12.0	11.6	11.8
16	8.5	8.1	8.3	9.4	8.9	9.2	11.4	10.8	11.0	12.2	11.7	11.9
17	8.7	8.5	8.6	9.0	8.7	8.8	11.1	10.6	10.9	11.9	11.6	11.7
18	8.7	8.4	8.6	9.7	8.7	9.2	11.1	10.8	11.0	12.4	11.7	12.0
19	9.1	8.7	8.9	10.1	9.6	9.9	10.8	10.1	10.5	12.7	12.3	12.5
20	9.0	8.8	8.9	10.1	9.8	10.0	10.2	9.6	9.9	12.8	12.0	12.4
21	8.8	8.6	8.7	9.8	9.4	9.7	10.2	9.6	9.9	12.0	11.1	11.6
22	8.7	8.5	8.6	9.6	9.4	9.5	10.5	10.0	10.2	11.4	11.1	11.2
23	8.9	8.7	8.8	10.2	9.6	10.0	10.5	10.2	10.3	11.8	11.0	11.3
24	8.9	8.6	8.8	10.5	10.1	10.3	10.3	9.9	10.2	12.7	11.8	12.4
25	8.7	8.6	8.6	10.4	10.1	10.3	10.2	9.9	10.0	13.0	12.5	12.7
26	8.9	8.7	8.7	10.4	10.1	10.2	10.5	10.0	10.3	12.6	12.1	12.5
27	8.7	8.5	8.6	10.3	10.1	10.2	11.1	10.3	10.8	12.5	12.1	12.2
28	8.5	8.2	8.4	10.7	10.1	10.4	11.4	10.9	11.1	12.6	12.1	12.3
29	8.6	8.2	8.4	10.9	10.5	10.7	11.3	10.9	11.1	12.2	11.2	11.8
30	9.0	8.6	8.8	10.6	10.1	10.4	11.0	10.8	10.9	11.2	10.9	11.0
31	9.3	9.0	9.1	---	---	---	10.9	10.6	10.8	11.0	10.8	10.9
MONTH	9.3	6.7	8.0	10.9	7.8	9.5	11.4	9.6	10.7	13.0	9.7	11.4

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	11.1	10.7	10.8	10.8	10.4	10.5	10.1	9.8	9.9	8.5	8.2	8.3
2	11.0	10.6	10.8	10.6	10.1	10.3	9.8	9.3	9.6	8.5	8.2	8.3
3	10.7	10.2	10.5	10.4	10.0	10.2	9.3	8.6	9.1	8.6	8.2	8.4
4	10.2	9.7	9.9	10.4	10.0	10.2	8.6	8.3	8.5	8.6	8.3	8.4
5	10.4	9.6	10.1	10.0	9.6	9.8	8.3	8.1	8.2	8.7	8.4	8.6
6	10.5	10.3	10.4	9.8	9.1	9.5	8.5	8.1	8.3	8.9	8.7	8.8
7	10.9	10.5	10.7	9.2	9.1	9.2	8.7	8.2	8.4	9.2	8.7	8.9
8	11.4	10.7	11.0	9.8	9.1	9.5	9.1	8.7	8.9	8.8	8.4	8.7
9	11.2	10.9	11.0	9.8	9.4	9.7	9.7	9.0	9.3	8.5	8.2	8.4
10	10.9	10.6	10.8	9.6	9.3	9.4	9.9	9.6	9.7	8.6	8.2	8.4
11	11.2	10.6	10.8	9.6	9.4	9.5	10.1	9.7	9.9	8.3	8.1	8.2
12	11.1	10.6	10.8	9.8	9.5	9.7	9.8	9.3	9.6	8.5	8.1	8.3
13	11.2	10.6	10.8	9.6	9.2	9.4	9.3	9.0	9.2	8.8	8.2	8.5
14	11.0	10.8	10.9	9.2	9.0	9.1	9.2	8.9	9.0	8.9	8.4	8.6
15	11.0	10.3	10.7	9.5	9.1	9.4	9.0	8.7	8.8	9.0	8.6	8.8
16	10.7	10.2	10.4	9.6	9.4	9.5	8.8	8.5	8.7	9.0	8.7	8.8
17	11.2	10.7	11.0	9.6	9.3	9.4	8.7	8.4	8.6	8.9	8.7	8.8
18	11.6	11.0	11.3	9.3	9.1	9.2	9.0	8.4	8.7	8.8	8.5	8.6
19	11.2	10.6	10.9	9.5	9.1	9.2	8.9	8.7	8.8	8.6	8.4	8.5
20	10.7	10.1	10.4	9.9	9.1	9.5	9.2	8.7	9.0	8.9	8.5	8.7
21	10.1	9.9	10.0	9.6	9.1	9.3	9.1	9.0	9.1	8.7	8.5	8.6
22	9.9	9.4	9.7	9.4	8.9	9.2	9.3	9.0	9.1	9.2	8.6	8.8
23	9.7	9.3	9.5	8.9	8.5	8.7	9.2	8.5	8.9	9.6	9.1	9.3
24	10.1	9.6	9.8	9.2	8.7	9.0	8.8	8.4	8.6	9.9	9.4	9.7
25	10.2	9.9	10.0	9.1	8.9	9.0	8.7	8.5	8.6	9.9	9.3	9.7
26	10.1	9.9	10.0	9.0	8.7	8.9	8.8	8.6	8.7	---	---	---
27	11.1	10.1	10.6	8.7	8.5	8.6	8.9	8.6	8.7	---	---	---
28	11.3	10.8	11.0	8.8	8.6	8.7	8.8	8.5	8.6	---	---	---
29	---	---	---	8.7	8.4	8.6	8.7	8.4	8.5	---	---	---
30	---	---	---	9.0	8.4	8.6	8.6	8.3	8.4	---	---	---
31	---	---	---	9.8	9.0	9.5	---	---	---	---	---	---
MONTH	11.6	9.3	10.5	10.8	8.4	9.4	10.1	8.1	8.9	---	---	---

SANTEE RIVER BASIN

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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. Records prior to 1985 Water Year are in the files of the U. S. Geological Survey.

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.

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, 266.32 ft, Feb. 19; minimum elevation, 256.03 ft, Jul. 26.

Elevation above NGVD 1929, feet
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY OBSERVATION AT 2400 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	263.83	262.25	263.25	259.84	264.96	263.21	263.16	263.80	262.28	263.16	262.14	263.72
2	263.40	259.69	262.95	262.71	262.90	262.34	264.02	263.80	262.77	262.19	261.77	263.53
3	263.31	261.21	261.17	265.32	263.71	263.34	264.08	263.79	262.03	263.54	263.94	264.28
4	263.96	264.33	263.77	264.61	261.99	265.63	263.47	262.78	263.92	261.74	263.52	263.90
5	263.50	264.24	261.06	262.30	258.91	264.31	263.28	263.97	263.00	263.40	262.68	263.84
6	260.98	264.67	263.47	262.15	263.85	262.22	261.97	261.92	261.94	263.40	261.94	262.01
7	262.86	265.60	263.16	262.78	265.36	262.94	260.22	260.75	260.92	263.78	261.49	261.34
8	259.49	265.49	261.87	260.68	264.11	260.68	261.34	261.42	261.38	264.72	263.00	262.27
9	262.22	261.24	264.18	259.94	261.57	259.95	261.29	264.50	262.44	264.43	263.42	263.95
10	264.55	258.57	264.81	261.32	264.41	263.53	260.71	263.13	262.22	264.06	262.74	264.01
11	264.43	264.57	265.49	259.20	265.28	264.16	261.15	260.70	262.77	264.44	263.59	264.13
12	264.40	265.55	265.07	261.19	263.24	264.29	260.88	261.50	264.17	263.83	263.37	262.38
13	263.10	265.02	264.44	261.34	264.93	264.26	259.28	264.76	262.04	265.15	264.69	262.65
14	262.44	265.36	265.04	261.46	264.72	265.39	262.58	262.65	262.65	262.18	263.73	260.51
15	263.90	264.48	264.81	264.03	261.74	265.55	262.47	262.72	264.46	263.85	264.79	263.73
16	263.36	261.61	265.47	262.32	262.88	262.82	261.97	263.18	263.54	264.95	263.76	262.99
17	264.13	262.44	263.85	263.01	265.04	263.55	263.02	264.10	262.33	264.07	263.69	261.34
18	262.99	264.68	264.21	262.74	265.87	263.52	263.40	262.28	263.39	263.33	263.80	262.69
19	261.24	264.18	263.96	261.28	265.78	263.05	261.38	260.93	264.75	263.51	263.98	263.75
20	258.72	263.35	262.57	261.17	265.44	264.13	260.19	261.87	263.91	263.95	264.54	263.10
21	262.17	262.89	262.91	262.35	262.90	262.84	260.06	261.01	262.29	264.49	264.47	263.04
22	263.61	265.69	261.77	259.80	264.15	262.31	263.50	260.62	260.46	263.97	264.69	264.35
23	261.98	263.11	262.75	264.12	262.21	260.30	262.86	261.44	261.69	264.13	265.19	263.60
24	262.65	262.57	262.58	262.01	262.73	262.32	262.62	262.18	264.42	263.78	263.08	264.24
25	262.37	263.98	261.74	262.54	261.91	263.89	262.84	261.92	264.53	263.91	263.79	263.81
26	259.41	265.38	261.69	258.19	263.95	264.42	263.02	260.43	265.32	263.32	264.62	264.11
27	259.47	264.50	262.24	261.34	264.66	263.67	261.82	260.75	265.36	262.25	264.51	264.76
28	264.33	261.82	260.83	263.12	264.12	265.12	263.57	261.40	264.71	265.08	264.32	263.69
29	264.19	262.98	261.28	263.09	---	263.93	263.44	261.50	263.18	264.24	264.54	262.00
30	263.79	259.31	263.38	264.98	---	261.53	263.34	263.02	264.42	263.45	264.30	262.31
31	261.20	---	261.67	264.06	---	263.48	---	263.91	---	263.47	264.28	---
MAX	264.55	265.69	265.49	265.32	265.87	265.63	264.08	264.76	265.36	265.15	265.19	264.76
MIN	258.72	258.57	260.83	258.19	258.91	259.95	259.28	260.43	260.46	261.74	261.49	260.51
(+)	4.50	2.68	4.97	7.78	7.86	7.08	6.91	7.59	8.25	7.06	8.06	5.67
(*)	-170	-93.9	+114	+140	+4.42	-38.9	-8.77	+33.9	+34.0	-59.4	+49.9	-123
CAL YR 2002	*	+11.7	MAX 265.75	MIN 257.95								
WTR YR 2003	*	-9.45	MAX 265.10	MIN 258.49								

(+) CONTENTS, IN BILLIONS OF GALLONS, AT END OF MONTH.
(*) CHANGE IN CONTENT, EQUIVALENT IN CUBIC FEET PER SECOND.

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, 240.22 ft, Mar. 22; minimum elevation, 219.47 ft, Aug. 14.

Elevation above NGVD 1929, feet
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	222.10	220.56	221.24	222.44	222.02	222.19	222.33	221.03	221.46	222.86	221.93	222.37
2	220.79	219.95	220.23	222.14	221.19	221.95	223.64	220.80	221.32	223.75	220.35	222.52
3	221.29	220.00	220.32	221.19	220.58	220.62	221.44	221.02	221.30	225.53	222.32	223.04
4	221.42	220.04	221.14	220.74	220.55	220.64	221.94	220.26	221.53	224.91	221.96	222.69
5	221.39	221.22	221.32	222.55	220.59	220.94	221.82	219.95	221.65	222.53	222.23	222.45
6	221.38	220.54	220.80	223.04	221.32	222.03	227.43	221.61	222.63	222.96	222.29	222.54
7	220.92	220.06	220.47	223.13	222.09	222.66	226.22	221.71	223.25	224.04	222.12	222.62
8	220.89	219.92	220.28	223.05	222.29	222.76	226.09	221.74	223.99	223.08	221.91	222.61
9	221.13	219.95	220.57	222.85	222.44	222.67	224.98	222.07	223.12	222.48	221.89	222.11
10	222.85	219.97	220.75	222.86	221.16	222.06	223.18	222.08	222.27	222.61	222.24	222.44
11	221.93	220.87	221.04	222.50	219.62	221.64	222.39	222.09	222.24	222.50	222.29	222.39
12	221.49	220.80	221.15	223.56	221.68	222.35	224.83	222.10	222.82	222.55	222.13	222.44
13	221.46	220.78	221.08	228.64	222.81	224.74	226.88	222.11	224.51	223.12	222.05	222.62
14	221.92	221.19	221.63	226.86	222.90	224.10	230.07	222.61	226.07	222.12	221.57	221.78
15	221.44	220.67	221.29	223.37	222.70	222.99	229.12	222.67	225.73	222.31	220.80	221.94
16	222.51	221.18	221.94	223.03	222.68	222.78	227.06	222.27	224.08	222.57	221.60	222.17
17	224.94	222.29	223.22	227.99	222.66	223.98	225.00	222.09	222.65	223.16	222.41	222.65
18	223.79	222.56	222.89	227.18	222.94	224.59	223.87	222.08	222.77	222.60	221.69	222.39
19	222.78	222.77	222.77	223.91	222.89	223.18	223.23	222.07	222.50	222.14	221.95	222.07
20	223.30	222.53	222.86	223.24	222.76	222.98	224.31	222.13	222.92	222.31	221.65	221.95
21	223.23	219.84	222.10	223.12	222.49	222.92	224.59	222.83	223.70	221.93	220.64	221.47
22	222.64	221.18	221.45	223.51	219.62	222.88	224.38	222.98	223.29	221.91	221.59	221.75
23	221.36	221.17	221.26	223.48	222.40	222.75	225.04	220.31	223.55	222.29	221.61	221.98
24	221.40	221.14	221.26	222.51	222.38	222.46	224.26	222.45	223.18	222.35	222.11	222.24
25	221.52	221.16	221.28	222.69	221.21	222.10	229.15	223.63	226.78	222.62	222.14	222.41
26	221.24	221.13	221.19	222.32	221.21	221.39	231.22	227.68	228.97	222.57	222.34	222.46
27	221.21	221.14	221.17	222.55	221.60	221.95	228.95	223.68	226.22	222.41	220.42	221.45
28	---	---	---	222.53	221.98	222.31	226.33	222.89	223.78	223.31	221.39	221.82
29	---	---	---	222.12	221.21	221.61	223.63	222.70	223.12	222.25	221.63	221.86
30	---	---	---	222.46	221.15	221.79	223.37	221.31	222.65	222.88	222.12	222.57
31	222.43	221.76	222.05	---	---	---	224.70	222.46	223.38	227.32	222.49	224.77
MONTH	---	---	---	228.64	219.62	222.47	231.22	219.95	223.47	227.32	220.35	222.34

SANTEE RIVER BASIN

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

Elevation above NGVD 1929, feet
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	224.72	222.43	222.95	227.31	222.50	224.57	226.86	222.30	223.40	222.97	222.20	222.65
2	224.14	222.47	223.12	227.60	222.75	224.60	224.10	222.39	222.76	224.24	222.46	223.12
3	224.27	222.49	223.00	228.08	222.43	225.15	225.51	222.15	223.27	223.32	222.36	222.64
4	223.20	222.39	222.66	223.37	222.09	222.60	224.13	222.14	222.87	226.52	222.48	224.26
5	223.19	222.36	222.70	224.87	222.52	223.07	223.22	222.39	222.62	224.48	222.38	223.29
6	222.86	222.37	222.61	230.10	222.43	227.09	225.52	222.46	223.30	226.04	222.47	223.58
7	223.21	222.40	222.74	229.85	224.07	227.61	228.45	222.40	224.77	230.19	222.44	226.25
8	223.86	222.50	222.98	228.33	225.51	227.09	230.33	222.13	227.15	230.21	222.38	226.84
9	223.84	222.28	222.99	226.40	223.80	224.93	230.49	222.39	227.64	231.16	223.04	227.03
10	225.92	222.37	224.23	227.06	221.88	223.84	231.98	223.40	228.63	229.01	222.39	224.53
11	225.63	222.19	222.78	224.53	222.24	222.88	233.32	231.10	232.14	224.86	222.11	223.12
12	223.06	222.18	222.47	224.28	222.23	222.99	233.75	232.29	233.30	226.65	222.30	223.87
13	223.10	221.66	222.44	225.61	222.28	223.57	232.35	226.37	229.16	225.17	221.16	222.68
14	224.60	222.18	222.64	223.54	222.29	222.64	229.07	222.65	226.32	225.47	222.08	223.43
15	222.61	222.39	222.52	225.16	222.39	222.70	226.14	222.11	223.27	223.75	221.96	222.76
16	226.55	222.38	223.57	224.49	222.31	223.14	225.90	222.44	223.54	225.42	222.19	223.28
17	225.31	222.53	222.91	227.73	222.63	225.19	228.18	221.75	224.07	224.28	222.40	223.03
18	224.00	222.50	222.88	228.23	222.41	225.28	230.16	221.32	225.34	225.00	222.45	223.24
19	224.12	222.51	222.96	229.66	222.53	226.20	234.04	225.27	230.99	224.03	222.45	223.17
20	224.84	222.45	222.89	234.25	222.19	229.02	234.48	229.85	233.12	225.14	222.54	223.67
21	228.29	222.47	223.78	239.44	233.40	237.02	229.85	223.61	227.61	224.52	223.04	223.43
22	225.85	222.43	222.91	240.22	237.77	239.57	229.64	221.72	225.04	226.35	222.92	224.39
23	231.00	222.52	226.52	237.77	228.97	233.06	225.47	222.41	223.67	234.37	226.34	230.66
24	229.13	223.21	227.17	229.94	223.87	227.46	225.34	222.38	223.64	238.02	233.09	236.23
25	227.69	222.47	224.96	228.48	221.56	224.41	227.21	222.35	223.50	237.30	229.76	233.62
26	227.32	221.27	224.08	226.40	221.17	223.65	225.11	222.33	223.12	230.63	226.90	228.68
27	226.17	222.31	223.63	225.65	222.33	223.64	226.53	222.33	223.28	226.90	223.07	225.25
28	229.41	222.63	226.68	224.93	222.09	223.25	227.63	222.37	224.11	228.91	223.40	224.94
29	---	---	---	224.29	222.39	222.85	224.41	221.93	222.90	226.81	221.16	223.40
30	---	---	---	226.58	221.90	223.65	227.17	222.43	223.54	224.80	221.63	222.96
31	---	---	---	227.63	222.04	224.03	---	---	---	227.44	222.32	223.87
MONTH	231.00	221.27	223.49	240.22	221.17	225.70	234.48	221.32	225.60	238.02	221.16	224.96

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	223.64	220.49	221.75	222.97	222.35	222.64	229.31	222.66	225.73	223.06	222.38	222.76
2	230.47	219.67	223.54	229.68	222.68	225.08	228.92	222.69	225.61	223.13	222.61	222.92
3	225.38	219.52	222.65	229.58	222.68	226.19	225.15	221.12	222.91	223.10	220.84	222.45
4	226.80	220.52	222.88	229.84	224.41	227.37	229.42	220.69	223.46	223.01	221.71	222.71
5	228.19	222.44	224.57	228.53	222.56	224.75	229.39	222.40	224.74	226.28	221.59	222.81
6	229.44	222.21	223.70	227.00	222.63	224.06	229.36	222.68	225.70	222.83	222.22	222.60
7	226.82	222.57	224.38	224.28	220.64	222.72	229.98	222.63	225.77	222.82	222.62	222.73
8	228.09	222.45	224.70	225.47	222.37	223.53	229.68	222.12	226.08	222.94	222.20	222.70
9	231.50	225.14	228.28	223.10	221.13	222.74	229.84	222.03	225.95	222.75	221.17	221.80
10	229.91	222.92	226.73	224.17	220.84	222.91	229.16	220.58	224.04	223.02	221.63	222.32
11	228.09	221.75	224.00	227.77	221.97	223.97	229.77	220.60	223.18	222.84	220.58	222.02
12	226.39	220.69	223.02	223.81	221.19	222.20	227.50	222.45	224.05	222.99	221.69	222.37
13	227.09	222.35	224.05	222.62	219.72	222.41	227.68	222.59	224.16	222.83	221.90	222.28
14	226.53	220.73	223.30	228.78	222.15	224.86	226.93	219.47	223.36	222.11	221.84	221.99
15	226.75	220.82	222.89	228.78	222.78	225.06	226.85	222.33	223.23	223.04	221.27	222.16
16	224.39	222.42	223.01	225.07	222.17	223.01	226.79	222.60	223.67	222.15	221.21	221.64
17	227.41	222.38	223.78	226.15	222.19	223.30	228.17	222.57	223.98	223.16	221.23	222.48
18	224.08	222.32	222.85	225.81	222.33	223.20	227.21	222.59	223.96	222.29	221.93	222.12
19	228.27	221.56	223.88	224.04	222.34	223.05	227.90	222.58	224.00	222.55	220.54	222.02
20	227.05	222.63	224.02	224.86	222.35	223.04	227.88	222.62	224.00	222.52	221.06	222.16
21	223.87	222.37	222.75	227.67	222.41	223.47	223.40	220.64	222.67	222.42	221.50	221.82
22	225.34	222.58	223.70	223.99	222.37	222.68	224.29	222.63	223.01	221.85	221.22	221.53
23	223.15	222.61	222.80	224.99	222.30	222.80	224.85	222.58	223.07	222.84	221.17	221.94
24	223.10	222.20	222.83	225.44	222.23	222.90	224.29	222.35	222.94	223.17	219.82	222.48
25	223.06	222.39	222.83	223.48	222.10	222.74	225.45	222.57	223.56	226.68	222.75	223.49
26	224.48	221.78	222.94	223.10	220.54	222.42	223.70	220.68	222.08	223.03	222.53	222.83
27	223.07	220.65	222.58	222.92	221.61	222.36	223.75	220.73	222.42	222.57	221.51	221.83
28	222.87	222.63	222.76	222.71	222.19	222.46	223.15	222.63	222.89	222.58	220.87	221.98
29	225.96	222.53	223.50	222.81	222.28	222.57	223.06	220.78	222.67	222.81	221.72	222.57
30	223.01	221.65	222.68	223.03	222.35	222.73	223.11	220.90	222.58	223.28	222.06	222.66
31	---	---	---	225.42	220.70	222.85	223.09	220.44	222.50	---	---	---
MONTH	231.50	219.52	223.58	229.84	219.72	223.42	229.98	219.47	223.81	226.68	219.82	222.34

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 good except for Mar. 27-29, May 27-29, June 28 to July 14, and Aug. 23-28, which are fair, Mar. 30 to Apr. 3, May 30 to June 2, and July 11-14, which are poor. pH records rated excellent except for Aug. 17-25, which are good, and Aug. 26-28, which are fair. Temperature records rated excellent except for Mar. 31 to Apr. 3, which are good, Jan. 12-29, July 9-14, July 30 to Aug. 5, which are fair. Dissolved oxygen records rated good except for Dec. 1-18 and June 22 to July 1, which are fair, and Oct. 1, Apr. 23-27, July 2-14, and Aug. 2-5, 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, 143 microsiemens, Oct. 17; minimum, 48 microsiemens, Apr. 20.

pH: Maximum, 7.6 units, June 25; minimum 6.0 units, Apr. 11, 12.

WATER TEMPERATURE: Maximum, 29.1°C, July 9; minimum, 4.1°C, Jan. 27.

DISSOLVED OXYGEN: Maximum, 12.9 mg/L, Jan. 27; minimum, 0.6 mg/L, May 25.

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	142	135	138	136	131	133	127	119	122	83	80	81			
2	139	134	136	137	132	134	128	115	121	104	82	91			
3	137	130	135	134	131	133	125	120	123	106	91	100			
4	135	131	133	133	130	132	125	117	123	109	97	103			
5	134	127	132	132	129	130	125	117	121	105	91	97			
6	134	126	132	131	128	129	124	117	120	100	89	97			
7	133	127	130	132	129	130	123	111	118	105	92	98			
8	133	130	132	132	128	130	122	96	110	105	96	101			
9	132	129	131	131	123	128	121	93	108	104	97	100			
10	133	130	132	123	116	120	122	109	117	102	98	100			
11	133	130	131	129	119	124	120	112	116	107	100	104			
12	132	129	131	130	125	127	120	108	114	106	95	101			
13	131	129	130	130	109	122	117	105	113	107	96	102			
14	134	128	131	123	96	109	114	87	103	107	93	101			
15	133	130	132	117	99	110	113	77	90	108	97	105			
16	137	132	134	117	95	106	109	83	97	107	88	101			
17	143	133	137	122	93	104	111	88	99	108	102	105			
18	137	113	130	122	86	101	104	92	96	107	85	96			
19	117	91	102	114	91	103	110	95	103	108	90	99			
20	107	91	98	100	87	93	111	94	104	111	100	106			
21	128	91	110	93	87	90	110	94	102	111	106	108			
22	128	123	125	109	87	98	107	97	101	115	106	109			
23	128	124	126	120	107	115	109	91	98	115	87	108			
24	124	120	122	113	101	106	113	84	99	98	77	89			
25	128	124	125	119	103	108	88	67	75	104	79	94			
26	128	124	126	121	114	117	82	59	69	114	94	104			
27	125	115	120	119	114	117	92	49	73	115	102	110			
28	128	117	122	121	114	118	93	64	80	111	95	104			
29	128	124	126	122	108	116	81	74	78	113	106	109			
30	129	125	127	121	118	120	91	72	78	115	109	112			
31	132	128	129	---	---	---	92	79	86	113	102	108			
MONTH	143	91	127	137	86	117	128	49	102	115	77	101			

SANTEE RIVER BASIN

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	110	99	105	123	94	105	91	87	89	76	75	76
2	107	99	104	---	---	---	88	85	86	78	75	76
3	107	100	105	---	---	---	87	82	85	79	75	77
4	107	99	103	---	---	---	86	82	85	82	77	78
5	108	102	105	---	---	---	86	84	85	81	77	79
6	109	99	105	90	64	83	90	84	86	79	76	78
7	109	101	106	80	56	64	90	84	86	80	71	77
8	109	101	106	72	64	67	88	72	80	78	64	69
9	107	100	103	87	65	71	80	64	69	79	61	70
10	108	99	104	91	75	85	68	58	62	77	65	73
11	109	99	105	92	80	86	60	57	58	75	70	73
12	108	103	105	91	84	88	59	56	58	77	71	73
13	107	97	104	93	88	90	61	58	59	79	74	77
14	108	101	105	93	87	90	83	61	74	80	77	78
15	108	102	105	93	89	90	83	65	76	80	78	79
16	109	103	106	97	89	92	79	66	74	81	77	79
17	107	97	102	97	89	92	80	71	77	83	78	80
18	109	97	104	91	75	86	79	67	77	84	79	81
19	109	99	105	89	71	82	67	49	54	86	79	83
20	108	98	103	88	58	73	54	48	51	85	80	83
21	107	103	105	67	59	63	76	54	63	84	79	82
22	105	102	103	76	62	69	79	62	71	83	80	82
23	106	85	98	67	61	64	79	66	75	82	66	73
24	99	75	86	91	67	77	78	71	75	87	67	75
25	97	72	84	92	83	89	78	70	75	91	69	82
26	---	---	---	93	88	91	77	71	75	72	68	70
27	---	---	---	94	90	92	75	72	74	80	72	75
28	119	75	96	93	88	91	76	74	75	84	75	78
29	---	---	---	91	87	89	76	74	75	84	75	79
30	---	---	---	89	86	87	78	74	75	80	77	78
31	---	---	---	90	86	88	---	---	---	80	76	78
MONTH	---	---	---	---	---	---	91	48	73	91	61	77

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	78	73	75	78	70	73	87	73	78	86	72	75
2	76	72	74	76	68	72	76	58	71	85	73	76
3	77	73	75	74	62	68	76	66	72	84	73	76
4	80	74	76	69	56	62	76	69	74	83	74	76
5	80	73	76	70	57	62	75	66	71	83	74	76
6	76	73	74	70	62	66	71	61	67	82	73	76
7	74	71	72	72	67	70	71	58	65	82	73	77
8	73	68	71	73	68	71	70	59	65	84	75	79
9	71	56	65	74	68	72	70	61	64	83	76	78
10	71	55	61	74	70	72	69	62	65	82	76	78
11	71	61	66	74	71	73	68	64	67	85	76	78
12	73	67	70	76	72	74	68	65	67	87	76	79
13	74	67	70	77	71	74	68	66	67	87	78	80
14	72	68	70	76	71	74	68	66	67	85	77	79
15	74	69	71	74	59	67	68	66	67	87	77	80
16	72	69	70	71	63	68	71	67	68	85	77	80
17	73	69	70	70	67	69	73	67	69	89	77	81
18	74	69	71	71	68	69	74	67	69	91	80	84
19	72	69	70	71	68	70	70	67	69	88	79	83
20	71	69	70	74	68	70	69	67	68	88	80	82
21	75	68	71	80	69	72	71	68	70	87	80	82
22	74	69	71	82	71	73	76	70	72	85	80	82
23	72	68	71	81	72	75	77	71	72	87	79	81
24	74	69	71	82	73	75	79	71	74	92	80	83
25	75	68	71	81	72	75	81	71	74	92	80	83
26	75	68	71	83	72	76	79	72	74	85	81	83
27	77	69	71	83	75	76	76	72	73	85	80	82
28	75	69	71	84	74	77	79	71	73	84	81	82
29	77	68	70	84	74	77	81	70	73	86	81	83
30	81	69	73	83	75	77	84	71	74	89	82	84
31	---	---	---	81	75	77	85	72	75	---	---	---
MONTH	81	55	71	84	56	72	87	58	70	92	72	80

SANTEE RIVER BASIN

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	26.5	25.6	26.1	19.2	17.8	18.6	10.1	9.4	9.7	8.3	7.0	7.7
2	26.8	26.1	26.4	18.1	16.4	17.4	12.5	9.4	11.3	10.3	7.9	8.9
3	27.0	26.1	26.4	17.3	16.0	16.5	12.4	11.5	12.0	10.2	9.2	9.8
4	26.8	26.0	26.4	18.0	16.5	17.0	12.1	9.8	11.0	10.2	9.5	9.8
5	27.2	26.3	26.7	18.4	17.5	18.0	11.7	9.6	10.9	10.4	9.3	9.8
6	27.0	26.3	26.7	18.6	17.6	18.1	12.2	9.8	10.5	9.9	8.3	9.4
7	27.3	26.5	26.9	18.5	17.9	18.1	12.6	5.8	9.8	10.2	7.7	9.0
8	27.1	25.0	26.0	18.1	17.1	17.7	12.3	6.2	9.4	10.2	7.6	9.0
9	25.0	23.0	23.6	18.1	16.2	17.5	12.6	6.1	9.8	10.1	8.1	8.9
10	25.0	23.3	23.9	16.2	14.0	15.1	12.7	9.3	11.2	10.2	8.7	9.2
11	25.0	24.4	24.6	19.0	14.6	16.7	11.7	10.3	11.1	9.9	8.7	9.2
12	25.3	24.5	24.7	19.1	17.9	18.6	11.4	9.1	10.4	10.0	7.8	8.7
13	25.3	24.4	25.0	19.0	15.8	17.7	11.7	7.8	10.3	10.2	7.5	9.0
14	24.6	22.8	23.6	18.5	15.0	16.6	10.9	8.0	9.3	9.5	7.5	8.6
15	23.5	21.5	22.3	17.5	15.4	16.5	10.9	7.5	8.8	9.5	7.5	8.6
16	22.9	21.5	22.0	17.3	13.6	15.5	10.7	7.6	9.4	9.4	8.2	8.9
17	22.9	19.8	21.6	17.3	12.7	14.4	10.5	8.1	9.3	9.2	6.5	8.4
18	22.5	18.8	21.2	17.2	11.9	14.1	10.0	8.5	9.0	8.8	6.6	7.8
19	19.2	16.4	17.6	15.8	12.1	14.2	10.4	8.6	9.7	8.4	5.7	7.5
20	18.5	16.4	17.6	12.8	11.0	11.9	11.4	9.0	10.4	8.4	4.8	6.7
21	22.8	16.6	19.9	11.8	10.7	11.2	10.4	8.8	9.6	9.2	7.1	8.2
22	22.6	20.8	21.5	13.9	10.7	12.4	9.9	8.5	9.1	9.1	7.2	8.5
23	21.2	20.5	20.9	15.4	13.5	14.5	10.8	8.2	9.1	8.0	6.3	7.3
24	20.8	19.9	20.3	13.7	11.8	12.6	10.6	8.0	9.5	8.0	6.9	7.5
25	20.8	19.9	20.4	14.9	11.1	12.5	8.4	7.4	7.9	7.8	5.3	6.8
26	20.3	19.7	20.1	14.9	13.5	14.2	9.0	7.2	7.7	8.0	5.5	6.9
27	20.2	18.5	19.2	14.7	13.1	14.0	9.7	6.4	7.6	6.7	4.1	5.2
28	21.4	18.6	19.7	14.1	12.0	13.2	8.8	5.7	7.3	8.5	5.6	7.2
29	21.5	20.0	20.7	12.0	10.3	11.0	6.7	5.9	6.2	8.6	7.8	8.3
30	20.1	19.7	19.9	12.3	8.9	11.0	8.4	5.9	6.6	9.1	6.9	8.3
31	19.8	19.2	19.6	---	---	---	8.6	6.6	7.4	9.0	7.3	8.5
MONTH	27.3	16.4	22.6	19.2	8.9	15.2	12.7	5.7	9.4	10.4	4.1	8.3

Temperature, water, degrees Celsius												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	9.0	7.5	8.3	9.6	7.8	8.5	15.8	14.3	15.1	22.0	17.9	19.8
2	9.5	7.9	8.8	10.2	8.4	8.9	16.4	14.5	15.3	23.0	19.3	20.5
3	9.6	8.3	9.1	10.8	9.5	10.3	17.2	14.6	15.5	22.9	19.3	20.7
4	10.8	9.3	10.0	11.0	10.0	10.5	17.9	14.8	16.1	22.1	19.3	20.4
5	10.0	8.7	9.6	11.6	10.6	11.1	18.0	15.4	16.4	20.8	19.4	20.0
6	10.2	9.6	10.0	12.4	10.6	11.3	17.9	15.6	16.4	20.5	19.3	19.7
7	10.1	9.3	9.7	12.6	11.4	12.2	17.3	16.0	16.5	20.1	19.1	19.6
8	10.0	9.4	9.7	12.6	11.8	12.1	16.4	14.5	15.5	20.4	18.8	19.5
9	9.6	8.4	9.0	12.8	11.5	12.1	15.0	13.1	13.8	20.6	19.6	20.0
10	9.8	8.4	9.2	13.4	11.5	12.4	13.1	11.5	11.9	22.5	19.6	20.9
11	10.0	8.8	9.3	13.4	12.4	12.8	11.8	11.1	11.4	23.8	20.6	21.8
12	9.9	8.9	9.5	14.7	12.1	13.0	12.6	10.8	11.7	23.3	20.2	21.9
13	9.7	8.7	9.3	13.2	11.9	12.4	14.7	12.2	13.4	23.2	20.2	21.3
14	9.7	8.8	9.3	13.7	11.6	12.5	16.4	14.0	15.3	22.2	20.6	21.2
15	10.4	9.4	9.7	13.4	12.8	13.0	17.2	15.4	16.1	21.8	20.7	21.1
16	9.9	9.1	9.4	14.1	12.5	13.1	18.5	15.8	17.0	21.8	20.6	21.3
17	9.8	7.9	9.0	14.1	13.0	13.4	18.7	16.0	16.7	21.9	21.4	21.6
18	9.3	7.6	8.9	14.0	13.2	13.6	18.3	16.1	16.9	21.8	21.1	21.6
19	9.8	8.0	9.1	14.7	13.2	13.8	16.9	14.8	15.6	21.7	19.5	20.5
20	9.6	8.3	9.1	14.2	12.9	13.7	15.0	14.5	14.7	21.5	19.0	19.9
21	10.5	9.0	9.7	13.0	12.4	12.7	16.4	14.8	15.4	21.5	19.8	20.4
22	10.7	9.6	10.1	13.7	12.4	13.1	17.2	15.4	16.3	20.4	19.6	20.0
23	11.7	9.6	10.5	14.7	13.4	14.0	17.8	16.2	16.9	20.4	18.0	18.7
24	10.9	10.2	10.5	15.7	13.9	14.6	17.8	16.9	17.3	18.7	17.7	18.2
25	11.1	10.2	10.7	15.1	13.7	14.3	17.5	16.5	16.9	19.7	18.3	18.9
26	11.1	10.6	10.9	16.4	13.6	14.6	18.7	16.5	17.3	20.5	19.2	19.7
27	11.1	9.5	10.4	16.2	13.4	14.6	19.4	17.2	17.9	21.7	20.1	20.8
28	10.0	8.0	9.0	17.2	15.5	16.1	18.8	17.6	18.2	22.4	20.7	21.4
29	---	---	---	18.6	15.4	16.7	20.6	17.4	18.7	22.2	21.1	21.7
30	---	---	---	17.6	15.3	16.6	21.3	17.9	18.7	23.5	20.9	21.8
31	---	---	---	15.7	14.6	15.3	---	---	---	23.1	20.9	21.9
MONTH	11.7	7.5	9.6	18.6	7.8	13.0	21.3	10.8	15.8	23.8	17.7	20.5

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	6.3	5.3	5.8	8.2	7.4	7.7	10.2	9.7	10.0	11.5	10.8	11.2
2	6.3	5.5	6.0	8.3	7.6	7.9	10.1	9.1	9.4	11.1	10.2	10.7
3	6.0	5.6	5.8	8.5	7.9	8.2	9.2	8.9	9.0	10.5	10.2	10.3
4	6.4	5.6	5.9	8.1	7.8	7.9	10.0	9.1	9.4	10.3	10.1	10.2
5	6.4	5.7	6.0	8.6	7.2	7.6	10.0	9.3	9.6	10.5	10.1	10.3
6	6.2	5.2	5.7	8.3	7.5	7.8	10.3	9.2	9.7	10.7	10.1	10.4
7	6.3	5.6	6.0	8.0	7.5	7.7	11.4	9.0	10.1	11.0	10.3	10.6
8	6.3	5.7	6.0	8.0	7.5	7.7	11.0	9.2	10.0	11.2	10.4	10.7
9	6.9	6.1	6.5	8.4	7.5	7.8	11.0	9.2	10.0	11.6	10.4	11.0
10	7.1	6.4	6.6	8.8	8.1	8.5	10.3	9.1	9.6	11.4	10.6	11.1
11	6.7	6.1	6.4	8.7	7.4	8.2	10.0	9.4	9.7	11.2	10.4	10.8
12	6.4	5.8	6.1	8.1	7.4	7.6	10.2	9.4	9.8	11.2	10.6	10.9
13	6.4	5.5	6.0	8.1	7.6	7.9	10.8	9.5	9.9	11.4	10.5	10.8
14	6.6	5.6	6.1	7.9	7.7	7.8	10.7	9.7	10.2	11.3	10.6	10.9
15	7.0	6.3	6.6	7.9	7.5	7.7	10.7	9.7	10.2	11.4	10.6	10.9
16	7.1	6.4	6.8	8.5	7.4	7.9	10.4	9.7	10.0	11.2	10.5	10.8
17	7.4	6.2	6.7	8.8	7.8	8.3	10.4	9.5	9.9	11.9	10.7	11.1
18	7.5	6.2	6.7	8.9	7.9	8.5	10.5	10.0	10.2	11.9	10.7	11.1
19	7.9	7.0	7.5	8.9	8.0	8.4	10.5	9.8	10.2	12.2	10.7	11.2
20	8.0	6.9	7.5	9.4	8.6	9.0	11.0	9.9	10.3	12.4	11.2	11.7
21	8.1	6.4	7.2	9.5	9.1	9.3	10.8	10.0	10.4	11.8	11.2	11.4
22	7.2	6.4	6.8	9.5	8.6	9.1	10.9	10.1	10.6	12.1	10.9	11.3
23	7.1	6.7	6.9	8.9	8.0	8.4	10.9	9.4	10.5	12.2	11.2	11.7
24	7.5	6.7	7.1	9.3	8.5	8.9	10.9	9.9	10.4	11.5	11.1	11.3
25	7.5	7.0	7.3	9.4	8.4	9.0	11.6	10.6	10.9	11.9	11.0	11.5
26	7.5	7.1	7.3	8.6	8.4	8.4	11.1	10.5	10.9	12.5	11.1	11.7
27	8.0	7.1	7.6	8.7	8.1	8.4	11.2	10.3	10.9	12.9	11.5	12.4
28	7.9	6.8	7.5	9.3	8.4	8.7	11.4	10.6	10.9	12.4	11.2	11.6
29	7.4	6.8	7.1	9.7	9.1	9.4	11.6	11.2	11.5	11.6	11.1	11.3
30	7.4	7.0	7.2	10.6	9.2	9.7	11.7	10.8	11.5	12.1	10.9	11.2
31	7.7	7.1	7.4	---	---	---	11.6	10.8	11.2	11.3	10.8	11.0
MONTH	8.1	5.2	6.6	10.6	7.2	8.3	11.7	8.9	10.2	12.9	10.1	11.1

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	11.1	10.8	10.9	11.0	10.4	10.7	8.9	8.4	8.7	8.1	7.6	7.9
2	11.0	10.7	10.8	10.7	10.4	10.5	---	---	---	8.1	7.6	7.9
3	10.9	10.6	10.8	10.4	10.2	10.3	---	---	---	8.0	7.6	7.8
4	10.8	10.6	10.8	10.3	10.1	10.2	8.9	8.1	8.6	8.1	7.6	7.8
5	10.8	10.4	10.6	10.4	9.9	10.1	8.5	7.9	8.3	8.0	7.2	7.7
6	10.7	10.4	10.6	10.1	9.4	9.8	8.8	7.8	8.3	7.8	7.4	7.6
7	10.8	10.5	10.6	9.7	8.8	9.2	9.4	8.3	8.9	8.1	7.3	7.6
8	10.8	10.4	10.6	9.4	9.1	9.3	10.2	8.5	9.4	8.6	7.7	8.2
9	10.9	10.4	10.7	9.6	9.2	9.4	10.6	9.1	9.8	8.4	7.4	7.9
10	10.9	10.5	10.7	9.7	9.1	9.5	10.7	9.7	10.4	7.8	7.5	7.6
11	10.8	10.5	10.7	9.7	9.1	9.4	11.0	9.7	10.2	7.6	7.3	7.4
12	11.0	10.4	10.7	9.5	9.0	9.3	10.7	7.7	9.8	7.9	7.2	7.4
13	10.9	10.5	10.7	9.5	9.1	9.3	11.4	9.6	10.9	7.9	7.2	7.5
14	11.0	10.5	10.7	9.4	9.0	9.3	11.7	10.2	10.9	7.5	7.3	7.4
15	11.0	10.4	10.6	9.4	9.0	9.2	11.2	10.2	10.8	7.7	7.1	7.4
16	11.0	10.5	10.8	9.4	8.8	9.2	---	---	---	7.8	7.0	7.5
17	11.0	10.5	10.7	9.4	8.8	9.1	---	---	---	7.6	7.1	7.4
18	11.1	10.4	10.7	9.4	8.7	9.1	---	---	---	8.3	7.1	7.7
19	11.1	10.5	10.8	9.4	8.7	9.1	---	---	---	8.0	7.5	7.8
20	11.2	10.6	10.8	9.3	8.9	9.1	---	---	---	8.3	7.6	8.0
21	10.9	10.6	10.7	10.6	9.0	9.7	---	---	---	8.3	7.6	8.1
22	10.9	10.4	10.6	10.8	9.2	10.2	---	---	---	8.3	7.8	8.2
23	10.7	9.9	10.3	9.4	7.8	8.5	---	---	---	8.8	7.8	8.5
24	10.7	10.0	10.4	8.6	7.5	8.1	---	---	---	8.6	5.9	7.4
25	10.5	9.9	10.3	9.1	8.1	8.6	---	---	---	6.3	0.6	3.4
26	10.4	9.6	10.2	8.8	8.2	8.5	---	---	---	7.7	6.2	7.3
27	10.4	10.2	10.3	8.8	8.0	8.5	10.0	8.7	9.3	7.4	6.5	7.0
28	10.9	10.3	10.6	8.8	8.0	8.4	9.6	8.4	8.9	7.3	6.5	7.0
29	---	---	---	8.8	7.2	8.0	8.5	7.7	8.2	7.1	6.2	6.6
30	---	---	---	7.8	7.0	7.3	8.2	7.6	8.0	7.0	6.0	6.5
31	---	---	---	8.8	7.2	7.9	---	---	---	6.8	5.7	6.3
MONTH	11.2	9.6	10.6	11.0	7.0	9.2	---	---	---	8.8	0.6	7.4

SANTEE RIVER BASIN

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.1	5.2	6.4	7.3	6.1	6.6	6.5	4.9	5.4	5.7	4.4	5.0
2	7.7	6.2	7.0	7.5	5.5	6.7	6.8	5.3	6.1	6.0	4.8	5.1
3	7.3	6.2	6.6	7.9	6.5	7.2	6.5	5.2	5.7	6.1	4.5	5.0
4	7.4	6.1	6.6	8.0	6.4	7.4	6.6	5.0	5.5	6.0	4.6	5.0
5	7.5	6.2	6.9	7.5	5.2	6.8	6.9	5.5	6.0	6.0	4.3	5.2
6	7.2	6.7	7.0	7.0	5.3	6.4	7.5	6.1	6.7	6.4	5.2	5.7
7	7.2	6.5	7.0	7.3	4.9	6.5	7.2	6.0	6.7	6.7	5.7	6.1
8	7.3	6.5	7.0	7.4	6.0	6.6	7.1	6.0	6.6	7.0	5.6	6.1
9	7.8	6.9	7.4	7.4	5.5	6.5	7.1	6.0	6.5	6.8	5.8	5.9
10	7.8	6.9	7.3	7.2	5.8	6.4	6.9	5.8	6.2	6.9	5.7	6.0
11	7.3	6.7	7.0	7.2	5.0	5.8	7.0	5.4	6.1	7.1	5.6	6.1
12	7.0	6.2	6.7	6.9	4.7	5.8	7.1	5.6	6.0	7.4	5.8	6.2
13	7.1	6.3	6.6	6.9	5.8	6.4	7.0	5.4	6.0	7.3	5.8	6.2
14	7.0	6.1	6.7	6.8	5.5	6.1	6.6	4.9	6.1	7.1	5.7	6.1
15	7.1	6.0	6.7	6.7	5.6	6.2	7.0	5.7	6.3	7.4	5.6	6.3
16	7.2	6.2	6.7	6.3	5.4	5.8	6.7	5.6	6.0	7.2	5.9	6.4
17	7.0	6.5	6.8	5.9	5.2	5.6	6.6	5.4	5.7	7.7	6.5	7.0
18	7.0	6.3	6.7	6.1	5.4	5.7	6.7	5.1	5.8	8.0	6.9	7.3
19	7.0	6.4	6.6	5.9	5.2	5.5	6.7	5.3	5.8	7.5	6.6	6.9
20	7.4	6.4	6.9	6.2	5.2	5.5	6.8	5.4	5.9	7.2	6.2	6.5
21	7.7	6.8	7.3	6.0	5.1	5.4	6.2	5.1	5.7	7.3	6.2	6.6
22	7.5	7.2	7.4	6.0	4.8	5.3	6.2	5.0	5.5	7.3	6.3	6.7
23	8.0	6.8	7.4	6.3	4.9	5.4	6.3	4.9	5.3	7.1	6.3	6.7
24	8.2	6.8	7.3	6.2	5.0	5.5	5.9	4.7	5.1	7.3	6.2	6.7
25	7.7	6.5	7.1	6.3	5.3	5.8	5.8	4.6	5.1	7.3	6.3	6.7
26	7.6	6.4	7.0	6.7	5.1	5.9	---	---	---	7.2	6.2	6.7
27	7.3	6.2	6.6	6.4	5.4	5.8	---	---	---	7.2	6.3	6.8
28	7.0	6.1	6.5	6.6	5.4	5.9	---	---	---	7.2	6.1	6.7
29	6.9	6.3	6.5	6.4	5.4	5.8	6.0	4.5	5.0	7.6	6.6	7.1
30	7.2	6.0	6.6	6.3	5.0	5.7	5.8	4.2	5.0	7.7	6.6	7.1
31	---	---	---	6.0	4.8	5.6	5.8	4.3	5.0	---	---	---
MONTH	8.2	5.2	6.9	8.0	4.7	6.1	---	---	---	8.0	4.3	6.3

SANTEE RIVER BASIN

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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 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1760	3140	2080	3780	5740	13500	9130	4110	2980	4150	17600	4480
2	654	2820	1820	5210	6010	12600	4970	5780	9210	15400	18400	4850
3	704	959	1670	6080	5350	15800	7520	4270	5740	20000	7040	3910
4	1440	945	2030	5280	4270	4340	5540	11700	6630	25200	8450	4510
5	1700	1280	2280	3650	4240	5960	4400	6810	12700	13800	13400	5520
6	1180	2870	5400	3850	4000	24200	6780	8330	9250	11400	17900	4150
7	840	4200	8710	4090	4390	27600	14400	20400	12600	5240	18800	4420
8	666	4490	10400	4060	5210	25300	24800	24200	13700	7260	20500	4320
9	866	4210	7430	3000	5680	16500	27900	25100	29900	4590	20000	2590
10	1330	3230	3570	3610	10600	11300	31700	14000	23800	5210	12300	3430
11	1430	2280	3250	3510	5520	5170	45700	7190	11300	10100	8000	3140
12	1530	3810	5190	3620	3710	5480	51000	10600	7240	3590	10600	3620
13	1460	14400	12600	4120	3620	8210	34100	5270	10900	3650	10900	3410
14	2240	12900	18800	2490	4220	4460	22700	7500	7820	15000	8960	2900
15	1680	6930	17900	2750	3770	4610	8160	4640	6920	16400	7210	3290
16	2760	4560	12100	3110	8020	6960	8590	6630	5670	5910	8440	2220
17	6490	10600	5600	4130	5770	17100	11800	5650	10000	6960	9820	3920
18	10100	15400	5840	3590	5090	17300	16000	6490	5520	6310	9330	3100
19	7470	7630	4720	2930	5720	21100	40700	6100	10500	5920	10900	2930
20	4910	5880	5500	2760	5150	33200	50600	8250	10900	5900	10800	3230
21	3460	4910	8760	2010	9150	71700	27800	7550	4890	8090	5020	2690
22	2190	5390	7220	2400	5710	91600	16400	11300	9800	4400	5330	2150
23	1640	5230	8170	2720	22500	52000	9370	38400	4660	5980	5830	2850
24	1640	3740	6850	3180	25900	27100	10200	66400	4610	5410	5250	3930
25	1680	3220	22900	3520	17200	12300	9170	53600	4620	5530	7720	7380
26	1570	1790	32900	3670	12500	8960	7530	31500	5090	4960	3690	4650
27	1550	2770	22300	2000	9480	8270	7650	18000	4040	4260	4130	2690
28	1650	3480	10600	2580	22300	6460	12300	16100	4460	3750	4800	2820
29	1760	2260	7100	2560	---	5260	5560	8400	7470	3970	4310	3970
30	2000	2460	5030	3980	---	e9760	8610	6060	4340	4320	4150	4230
31	2820	---	9080	14000	---	11600	---	9480	---	5520	4080	---
TOTAL	73170	147784	277800	118240	230820	585700	541080	459810	267260	248180	303660	111300
MEAN	2360	4926	8961	3814	8244	18890	18040	14830	8909	8006	9795	3710
MAX	10100	15400	32900	14000	25900	91600	51000	66400	29900	25200	20500	7380
MIN	654	945	1670	2000	3620	4340	4400	4110	2980	3590	3690	2150
CFSM	0.49	1.03	1.87	0.80	1.72	3.94	3.77	3.10	1.86	1.67	2.04	0.77
IN.	0.57	1.15	2.16	0.92	1.79	4.55	4.20	3.57	2.08	1.93	2.36	0.86

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1897 - 2003, BY WATER YEAR (WY)

	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
MEAN	4155	4436	6661	8009	10250	10860	8385	5661	5347	3857	5565	3693																																																																																															
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																																																																																															

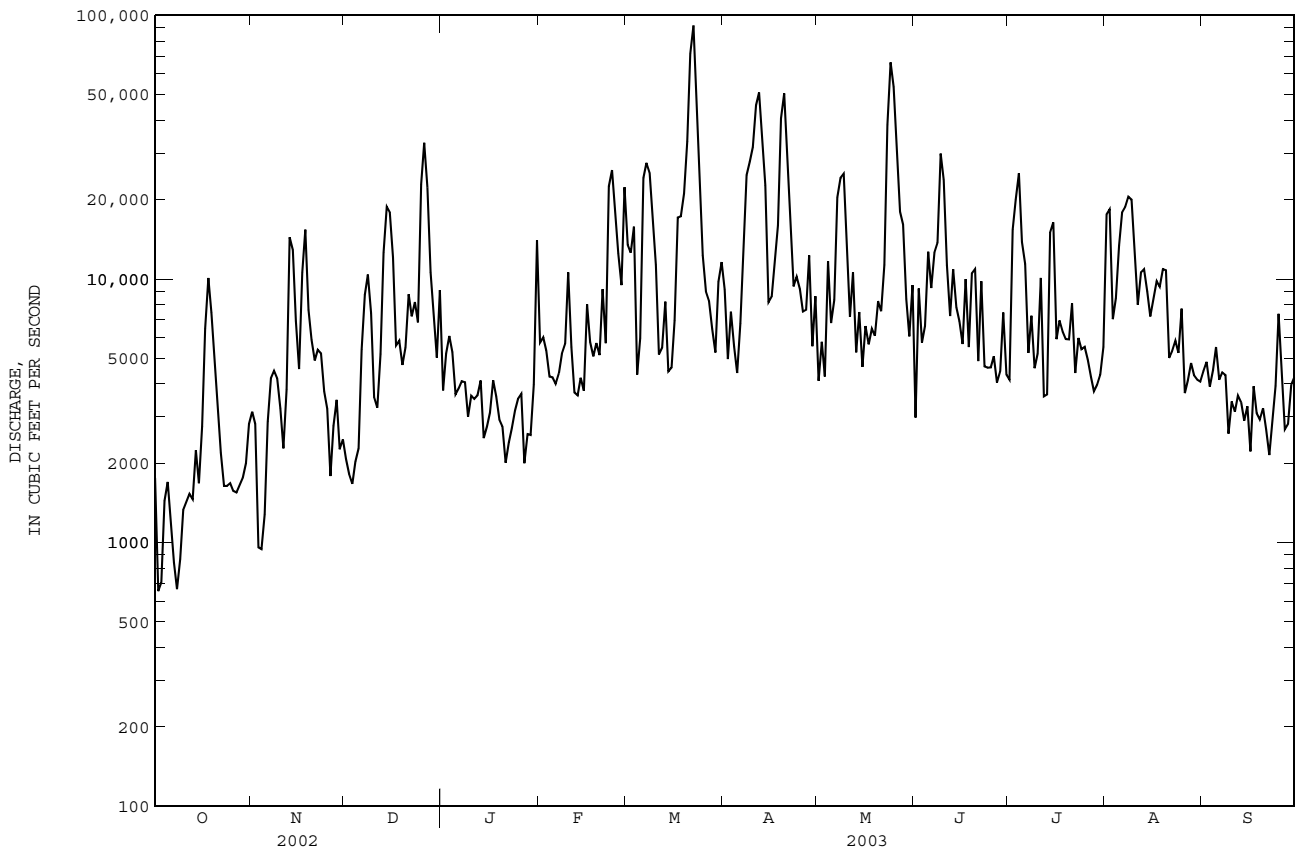
SANTEE RIVER BASIN

02161000 BROAD RIVER AT ALSTON, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1897 - 2003	
ANNUAL TOTAL	1154801		3364804		6366	
ANNUAL MEAN	3164		9219		11750	
HIGHEST ANNUAL MEAN					2002	
LOWEST ANNUAL MEAN					1903	
HIGHEST DAILY MEAN	32900	Dec 26	91600	Mar 22	130000	Jun 7 1903
LOWEST DAILY MEAN	48	Sep 12	654	Oct 2	48	Sep 12 2002
ANNUAL SEVEN-DAY MINIMUM	200	Aug 11	1030	Oct 2	200	Aug 11 2002
MAXIMUM PEAK FLOW			96600	Mar 22	a 140000	Jun 7 1903
MAXIMUM PEAK STAGE			24.67	Mar 22	a 29.02	Jun 7 1903
ANNUAL RUNOFF (CFSM)	0.66		1.92		1.33	
ANNUAL RUNOFF (INCHES)	8.97		26.13		18.06	
10 PERCENT EXCEEDS	6640		20200		12300	
50 PERCENT EXCEEDS	2180		5600		4210	
90 PERCENT EXCEEDS	467		2250		1600	

a At datum then in use.

e Estimated



02162093 SMITH BRANCH AT NORTH MAIN STREET AT COLUMBIA, SC

LOCATION.--Lat 34°01'38'', long 81°02'31'', Richland County, Hydrologic Unit 03050106, on left bank, 15 ft upstream from culvert opening at North Main Street in Columbia.

DRAINAGE AREA.--5.67 mi².

PERIOD OF RECORD.--October 1976 to current year.

GAGE.--Water-stage recorder. Datum of gage is 199.10 ft above NGVD of 1929.

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

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	2.1	2.1	4.8	4.2	4.3	23	5.0	3.8	3.5	9.2	3.8	2.0
2	2.1	1.9	5.0	3.8	3.9	24	4.9	5.5	3.5	59	12	6.6
3	1.8	1.9	4.5	3.7	3.8	6.5	4.7	4.9	19	4.1	5.2	3.2
4	1.7	3.1	6.6	3.4	7.8	5.5	4.5	3.6	3.8	4.1	3.0	32
5	1.7	5.2	18	3.4	3.6	6.1	7.0	3.7	3.0	3.0	3.0	3.9
6	1.6	8.7	2.8	3.3	15	125	8.0	77	39	2.8	21	4.1
7	1.7	3.0	2.6	3.2	14	55	35	10	10	2.6	4.5	70
8	18	2.6	2.6	3.3	4.0	13	29	6.2	5.9	2.4	27	53
9	7.3	2.5	2.8	3.2	3.7	9.9	100	5.4	3.8	2.3	3.4	5.3
10	29	2.4	2.6	3.2	23	8.8	81	4.6	3.2	25	2.9	3.1
11	19	40	19	3.0	4.4	6.7	21	4.1	11	11	3.0	2.5
12	2.7	51	2.9	3.0	3.8	6.0	11	4.0	18	2.4	2.7	2.5
13	2.2	5.6	89	3.0	3.5	34	7.9	3.8	4.0	11	2.6	3.2
14	2.5	3.7	7.8	3.2	3.4	7.6	6.8	3.8	4.9	7.5	21	3.5
15	12	3.2	5.4	3.1	3.3	106	6.2	5.0	2.9	2.3	8.6	3.3
16	47	36	4.6	5.8	98	24	5.7	66	6.5	2.1	2.6	3.1
17	3.3	19	4.2	4.0	26	60	5.4	7.6	47	2.1	2.5	1.9
18	2.5	5.9	4.0	2.7	7.5	25	21	5.4	81	40	2.8	1.9
19	2.2	4.3	4.4	2.7	5.7	16	8.2	5.7	12	24	2.2	1.9
20	2.1	3.8	29	2.7	5.0	174	5.6	4.2	5.4	3.7	2.1	1.8
21	2.2	4.1	4.4	5.0	4.6	19	22	3.9	4.0	2.6	2.1	1.9
22	2.0	3.7	3.9	4.9	29	12	11	49	3.4	46	2.1	6.3
23	1.9	3.8	3.7	5.3	6.3	9.0	5.3	41	3.0	34	2.0	13
24	2.3	4.6	112	2.8	4.6	7.7	4.7	7.1	2.8	6.0	2.0	2.3
25	4.8	4.0	11	3.7	4.2	6.9	42	5.6	2.8	3.8	2.0	2.0
26	2.8	3.6	6.2	4.2	8.2	6.4	7.0	79	2.5	3.3	2.0	2.3
27	2.0	3.4	5.2	3.0	28	6.0	5.2	11	2.5	13	2.0	2.2
28	11	3.5	4.6	2.8	6.1	5.7	4.6	6.6	8.5	3.4	2.1	2.2
29	24	4.0	4.2	4.6	---	5.6	4.3	5.2	2.4	3.0	1.9	2.2
30	3.1	4.7	4.0	48	---	16	4.0	4.4	3.0	2.8	1.8	2.3
31	2.3	---	3.9	6.0	---	6.9	---	3.9	---	19	1.9	---
TOTAL	220.9	245.3	385.7	158.2	334.7	837.3	488.0	451.0	322.3	357.5	157.8	245.5
MEAN	7.13	8.18	12.4	5.10	12.0	27.0	16.3	14.5	10.7	11.5	5.09	8.18
MAX	47	51	112	48	98	174	100	79	81	59	27	70
MIN	1.6	1.9	2.6	2.7	3.3	5.5	4.0	3.6	2.4	2.1	1.8	1.8
CFSM	1.26	1.44	2.19	0.90	2.11	4.76	2.87	2.57	1.89	2.03	0.90	1.44
IN.	1.45	1.61	2.53	1.04	2.20	5.49	3.20	2.96	2.11	2.35	1.04	1.61

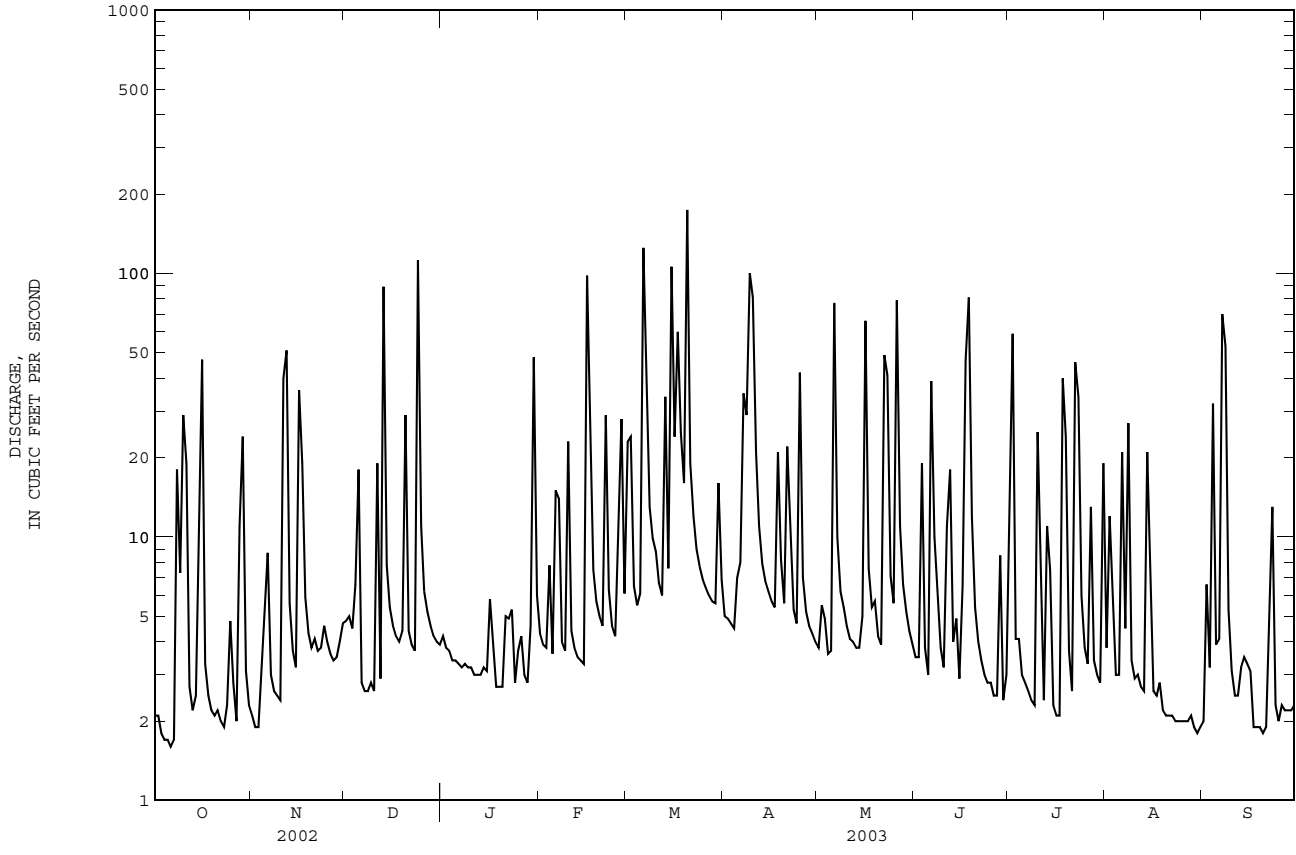
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1977 - 2003, BY WATER YEAR (WY)

	6.90	6.86	8.33	12.3	11.5	13.8	9.38	7.33	9.13	9.86	8.94	8.26
MEAN	6.90	6.86	8.33	12.3	11.5	13.8	9.38	7.33	9.13	9.86	8.94	8.26
MAX	25.7	16.0	25.5	27.6	24.4	29.9	28.0	21.0	34.3	31.3	24.5	19.7
(WY)	1991	1987	1977	1987	1998	1980	1998	1991	1995	1991	1986	2000
MIN	1.45	2.09	2.62	2.79	3.64	3.58	1.94	3.26	2.11	3.17	1.46	1.31
(WY)	2002	2002	1989	1986	1986	1985	1986	1977	1990	1993	1983	1985

SANTEE RIVER BASIN

02162093 SMITH BRANCH AT NORTH MAIN STREET AT COLUMBIA, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1977 - 2003	
ANNUAL TOTAL	2619.5		4204.2			
ANNUAL MEAN	7.18		11.5		9.38	
HIGHEST ANNUAL MEAN					14.8	1991
LOWEST ANNUAL MEAN					5.42	2002
HIGHEST DAILY MEAN	179	May 11	174	Mar 20	335	Jun 11 1995
LOWEST DAILY MEAN	1.0	Jul 29	1.6	Oct 6	0.74	Oct 15 2001
ANNUAL SEVEN-DAY MINIMUM	1.3	Jul 6	1.8	Oct 1	0.83	Oct 15 2001
MAXIMUM PEAK FLOW			1040	May 26	2120	Jun 11 1995
MAXIMUM PEAK STAGE			6.92	May 26	11.69	Jun 11 1995
ANNUAL RUNOFF (CFSM)	1.27		2.03		1.65	
ANNUAL RUNOFF (INCHES)	17.19		27.58		22.47	
10 PERCENT EXCEEDS	18		29		19	
50 PERCENT EXCEEDS	2.1		4.3		3.7	
90 PERCENT EXCEEDS	1.3		2.2		1.7	



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, 60.72 ft, May 25; minimum gage height, 50.62 ft, Oct. 3.

Gage height, feet
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	52.63	52.70	52.82	53.95	54.69	---	54.89	53.78	53.88	53.78	55.16	54.12
2	51.85	52.48	51.66	53.87	54.31	55.31	53.83	53.67	54.19	55.44	55.73	54.13
3	51.18	51.86	52.36	53.68	54.06	55.79	54.03	53.98	52.85	55.95	54.44	53.84
4	52.09	51.34	51.86	54.18	54.04	54.25	---	54.53	53.77	56.49	54.65	54.02
5	52.24	51.62	52.92	53.43	53.88	53.74	53.79	54.32	55.10	55.25	54.61	53.97
6	51.94	53.09	52.57	53.77	53.76	56.80	53.89	54.72	54.76	55.08	55.62	54.00
7	51.77	53.72	54.77	53.81	53.98	57.86	---	55.72	54.52	54.26	55.79	54.07
8	51.41	53.91	53.87	53.85	54.09	57.51	---	56.47	54.92	54.16	55.95	54.00
9	51.67	53.84	54.57	53.67	54.25	56.13	57.46	56.69	56.94	54.22	56.19	53.57
10	51.71	53.81	53.94	53.40	54.68	55.63	58.18	55.44	56.77	53.90	55.08	53.67
11	51.86	52.24	53.72	53.48	54.56	54.03	58.99	54.31	55.15	54.68	55.01	53.59
12	52.48	53.75	53.57	53.46	53.79	54.00	59.38	54.78	54.89	53.78	54.75	53.79
13	51.81	54.98	54.98	53.91	53.67	54.37	58.20	53.66	55.03	53.59	54.85	53.67
14	52.41	55.93	55.78	53.46	53.70	54.21	56.84	54.23	54.30	54.74	54.80	53.74
15	52.25	54.67	---	53.07	53.72	53.92	54.74	54.15	54.43	55.71	54.41	53.69
16	52.27	54.12	---	53.29	54.02	54.69	54.53	54.22	54.61	54.37	54.52	53.39
17	53.67	54.32	---	53.82	54.84	55.85	54.78	53.86	54.87	54.59	54.60	53.79
18	54.60	56.13	53.95	53.67	54.21	56.07	55.22	54.07	54.63	54.32	54.82	53.77
19	54.66	54.72	54.25	53.15	54.17	---	58.09	54.21	55.28	54.08	54.87	53.46
20	53.97	54.44	54.06	53.39	54.03	---	59.38	54.32	54.91	54.11	54.96	53.61
21	53.59	54.10	54.70	52.26	54.41	---	57.44	54.64	54.74	54.76	54.16	53.57
22	52.03	54.00	54.64	52.77	54.09	---	---	54.67	54.70	53.94	54.11	53.42
23	51.80	54.21	54.44	52.74	---	---	---	57.59	54.65	54.04	54.08	53.69
24	52.12	53.68	54.79	53.70	---	---	---	59.81	54.26	54.23	54.03	53.81
25	52.00	53.79	---	53.69	---	---	55.21	59.94	54.21	53.99	54.27	54.50
26	51.45	51.85	---	53.92	---	54.58	54.70	57.77	54.03	53.94	54.12	54.16
27	52.19	52.26	---	53.55	---	54.43	54.74	56.17	53.55	53.86	53.30	53.71
28	51.67	53.51	---	53.22	---	54.06	---	55.61	53.71	53.87	54.24	53.10
29	52.30	53.22	54.61	53.46	---	54.10	---	54.50	54.06	54.10	54.05	53.82
30	52.28	51.68	54.20	53.78	---	54.26	54.59	53.96	53.95	53.80	53.96	53.99
31	52.90	---	54.37	54.99	---	54.79	---	54.22	---	53.77	53.93	---
MEAN	52.35	53.53	---	53.56	---	---	---	55.16	54.59	54.41	54.68	53.79
MAX	54.66	56.13	---	54.99	---	---	---	59.94	56.94	56.49	56.19	54.50
MIN	51.18	51.34	---	52.26	---	---	---	53.66	52.85	53.59	53.30	53.10

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, 54.54 ft, Jul. 29; minimum gage height, 49.34 ft, Aug. 21.

Gage height, feet
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	52.00	51.44	51.90	51.48	52.53	52.36	53.36	51.90	52.45	51.85	---	52.25
2	51.63	51.28	51.30	---	51.80	51.73	51.93	51.86	51.97	53.12	---	51.86
3	51.14	51.29	51.99	---	51.72	52.02	52.29	52.42	51.46	53.21	---	51.74
4	51.97	51.20	51.47	51.46	51.74	51.28	52.33	52.69	52.11	53.55	---	51.61
5	51.87	51.48	52.28	50.77	51.86	51.46	51.94	---	52.84	52.98	52.18	51.75
6	51.59	52.67	51.79	51.83	51.69	53.04	52.28	---	52.43	52.82	52.71	51.57
7	51.67	52.77	---	51.95	51.96	53.30	53.08	53.12	52.12	52.35	52.86	51.74
8	51.34	52.94	---	52.07	52.07	53.19	53.09	53.00	52.48	52.10	52.75	51.40
9	51.58	52.86	---	52.16	51.88	51.49	52.82	53.11	53.48	52.22	52.91	51.69
10	51.61	52.83	---	51.08	52.10	52.14	53.34	52.45	---	51.93	52.48	51.98
11	51.45	51.65	---	51.17	52.00	51.61	53.50	51.43	---	52.42	---	51.41
12	52.21	52.90	52.36	51.13	51.58	52.06	53.61	51.74	52.01	51.87	---	51.73
13	51.39	53.35	53.36	---	51.54	52.39	53.14	51.64	51.39	51.38	---	51.47
14	51.94	52.60	---	---	51.47	52.10	51.59	52.39	51.22	52.36	---	51.71
15	51.75	52.66	---	---	51.53	51.90	51.79	52.73	51.72	53.16	---	52.02
16	51.68	53.12	53.16	51.65	51.64	52.79	51.85	52.77	51.61	52.51	51.94	52.04
17	52.26	52.80	---	51.96	52.30	52.68	52.55	51.84	51.51	53.43	51.94	51.85
18	53.20	---	---	51.66	51.75	52.22	---	52.28	51.57	52.58	51.90	51.73
19	53.23	---	---	51.12	51.75	52.26	---	52.27	51.70	52.16	51.91	51.75
20	52.59	---	---	51.68	51.47	52.98	53.53	52.44	51.61	52.19	52.00	51.47
21	52.08	---	---	51.12	51.67	53.86	---	52.83	51.79	---	51.32	51.56
22	51.43	53.00	---	51.42	51.32	53.77	---	51.88	51.66	51.88	51.38	52.25
23	51.26	53.16	52.68	51.41	52.55	53.73	---	52.20	51.93	51.81	51.27	52.54
24	51.88	52.60	52.60	52.30	51.61	53.58	---	52.79	51.34	51.92	51.09	51.80
25	51.53	52.92	52.60	52.21	51.30	52.39	---	53.79	50.68	52.00	51.60	51.96
26	51.03	51.19	53.18	52.56	51.62	52.49	51.39	52.94	51.35	51.62	51.63	51.82
27	51.88	51.63	52.15	52.55	51.85	52.69	51.54	51.73	51.32	51.65	51.84	51.84
28	51.31	52.59	---	---	52.71	52.31	51.54	52.03	51.38	51.69	52.16	51.57
29	51.90	52.39	---	---	---	52.62	51.23	52.46	51.86	---	52.07	51.39
30	51.87	51.07	52.23	51.85	---	52.66	52.26	52.09	51.76	---	52.18	52.02
31	52.07	---	52.23	52.74	---	53.01	---	52.09	---	---	52.05	---
MAX	53.23	---	---	---	52.71	53.86	---	---	---	---	---	52.54
MIN	51.03	---	---	---	51.30	51.28	---	---	---	---	---	51.39

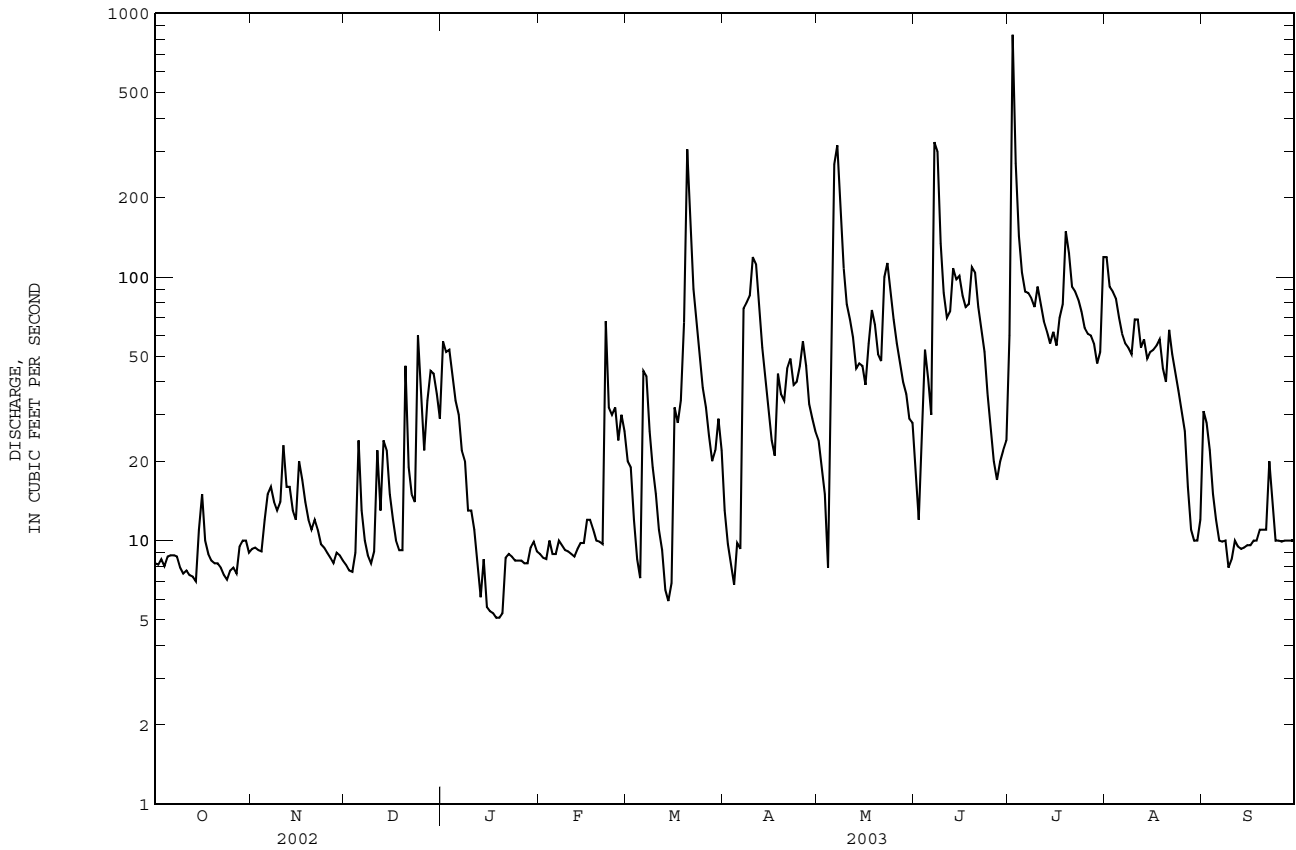
SANTEE RIVER BASIN

02162290 SOUTH SALUDA RIVER NEAR CLEVELAND, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 2000 - 2003	
ANNUAL TOTAL	3418.3		14721.5		17.5	
ANNUAL MEAN	9.37		40.3		40.3	
HIGHEST ANNUAL MEAN					4.79	2001
LOWEST ANNUAL MEAN					e 830	Jul 2 2003
HIGHEST DAILY MEAN	60	Dec 24	e 830	Jul 2	e 830	Jul 2 2003
LOWEST DAILY MEAN	2.2	Aug 23	5.1 a	Jan 18	1.3	Oct 8 2000
ANNUAL SEVEN-DAY MINIMUM	3.3	Aug 18	5.8	Jan 14	1.5	Jul 12 2001
MAXIMUM PEAK FLOW			Unknown	Jul 2	Unknown	Jul 2 2003
MAXIMUM PEAK STAGE			6.25	Jul 2	6.25	Jul 2 2003
ANNUAL RUNOFF (CFSM)	0.53		2.26		0.98	
ANNUAL RUNOFF (INCHES)	7.14		30.73		13.32	
10 PERCENT EXCEEDS	15		86		46	
50 PERCENT EXCEEDS	7.5		21		6.8	
90 PERCENT EXCEEDS	5.1		8.2		3.1	

a Also occurred Jan. 19.

e Estimated



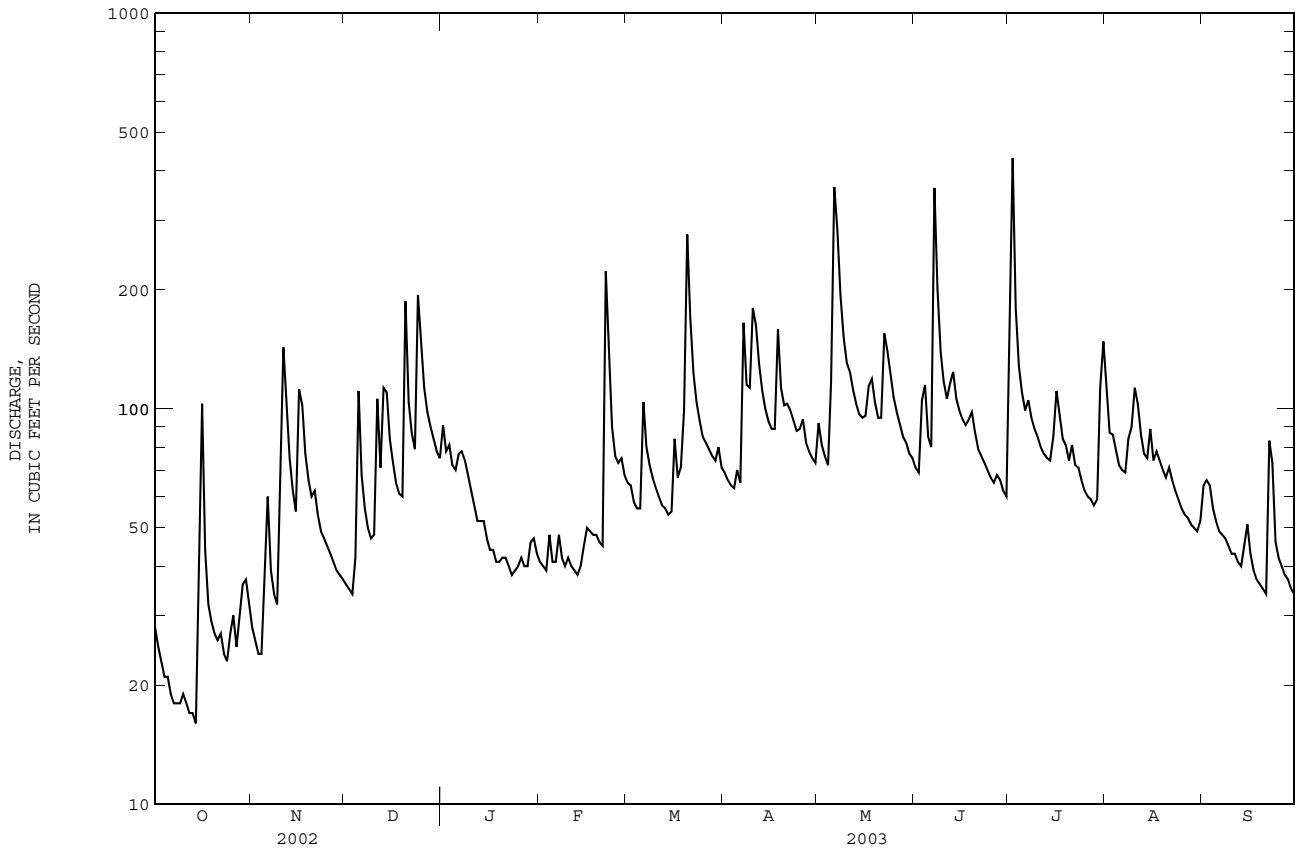
SANTEE RIVER BASIN

021622350 MIDDLE SALUDA RIVER NEAR CLEVELAND, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR	FOR 2003 WATER YEAR	WATER YEARS 1981 - 2003	
ANNUAL TOTAL	15296.5	27714		
ANNUAL MEAN	41.9	75.9	57.2	
HIGHEST ANNUAL MEAN			90.7	1993
LOWEST ANNUAL MEAN			28.3	1981
HIGHEST DAILY MEAN	196 Sep 27	431 Jul 2	1160 Aug 17	1994
LOWEST DAILY MEAN	6.6 a Sep 12	16 Oct 14	6.6 a Sep 12	2002
ANNUAL SEVEN-DAY MINIMUM	7.7 Sep 7	18 Oct 8	7.5 Sep 11	1999
MAXIMUM PEAK FLOW		917 Jul 2	b 5190 Jun 11	1986
MAXIMUM PEAK STAGE		5.55 Jul 2	11.21 Jun 11	1986
INSTANTANEOUS LOW FLOW		15 Oct 14	6.2 a Sep 12	2002
ANNUAL RUNOFF (CFSM)	2.00	3.62	2.72	
ANNUAL RUNOFF (INCHES)	27.10	49.09	36.99	
10 PERCENT EXCEEDS	77	115	104	
50 PERCENT EXCEEDS	37	70	44	
90 PERCENT EXCEEDS	13	35	18	

a Also occurred Sep. 13, 2002.

b From rating curve extended above 1,110 ft³/s and on basis of contracted-opening measurement of peak flow.



SANTEE RIVER BASIN

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02162500 SALUDA RIVER NEAR GREENVILLE, SC

LOCATION.--Lat 34°50'32'', long 82°28'51'', Pickens County, Hydrologic Unit 03050109, on right bank 700 ft upstream from bridge on State Road 124, 1.6 mi downstream Saluda Lake Dam, 2.4 mi upstream from Georges Creek, 4.6 mi west of city hall in Greenville, and at mile 132.0.

DRAINAGE AREA.--295 mi².

PERIOD OF RECORD.--January 1942 to September 1978, October 1978 to January 1990 (crest-stage partial record), February 1990 to current year.

GAGE.--Data collection platform. Datum of gage is 797.48 ft above NGVD of 1929.

REMARKS.--Records good except for estimated daily discharges, which are poor. Some regulation at low and medium flow by powerplant at Saluda Lake. Capacity of reservoir insufficient to affect monthly figures of runoff. Water is diverted above station for city of Greenville water supply during year. City of Greenville began diverting water from Saluda River (Table Rock Reservoir) in 1930, supplemented by North Saluda Reservoir in 1961. Sewage effluent discharged into the Reedy River about 500 ft below station 02164000.

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	263	320	317	561	476	578	653	e630	771	876	1240	745
2	246	301	290	590	385	577	621	e700	807	2670	1610	569
3	224	285	273	585	281	561	638	899	759	3520	1090	588
4	207	234	272	580	447	510	601	717	1300	2050	977	633
5	205	271	1100	576	390	479	638	896	1090	1410	930	570
6	110	639	1000	520	401	752	798	2010	927	1170	906	522
7	170	498	764	507	472	926	1080	3140	1270	1110	903	494
8	210	427	508	519	476	820	1380	2480	2410	1320	903	487
9	201	361	452	375	352	640	1240	1780	1780	1030	911	475
10	113	285	408	452	470	498	1290	1420	1340	992	1070	371
11	163	486	814	491	405	536	1650	1250	1140	963	1770	455
12	205	968	915	453	297	500	1290	1170	1040	930	1250	391
13	197	742	861	375	300	530	1070	1050	1100	919	1050	436
14	217	573	1160	400	483	453	955	988	1080	738	941	472
15	519	396	894	439	400	525	925	970	1090	1270	903	373
16	1490	720	701	355	305	523	769	959	1040	1150	899	484
17	921	1010	595	396	698	779	721	959	1030	1040	892	520
18	427	876	509	452	521	729	963	973	994	1180	1080	365
19	314	635	506	366	457	671	981	1030	1010	1350	1030	320
20	285	684	1060	317	481	3780	937	978	1290	1350	914	322
21	278	661	1100	318	401	2890	943	957	1060	1440	799	464
22	301	570	843	401	906	1660	970	2130	983	1230	859	425
23	268	357	655	340	1770	1250	949	2350	778	1020	692	1150
24	231	253	1050	399	1020	1060	936	1680	685	1100	785	702
25	231	224	1780	345	850	950	742	1370	748	933	711	511
26	231	224	1070	283	692	909	826	1200	685	737	614	483
27	231	266	845	395	748	859	924	1090	665	861	613	388
28	288	315	787	331	691	681	760	1000	666	736	520	295
29	321	316	625	257	---	702	780	973	673	748	374	436
30	321	313	686	479	---	826	e780	781	674	688	592	373
31	321	---	703	394	---	665	---	881	---	921	556	---
TOTAL	9709	14210	23543	13251	15575	27819	27810	39411	30885	37452	28384	14819
MEAN	313	474	759	427	556	897	927	1271	1030	1208	916	494
MAX	1490	1010	1780	590	1770	3780	1650	3140	2410	3520	1770	1150
MIN	110	224	272	257	281	453	601	630	665	688	374	295
CFSM	1.06	1.61	2.57	1.45	1.89	3.04	3.14	4.31	3.49	4.10	3.10	1.67
IN.	1.22	1.79	2.97	1.67	1.96	3.51	3.51	4.97	3.89	4.72	3.58	1.87

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1942 - 2003, BY WATER YEAR (WY)

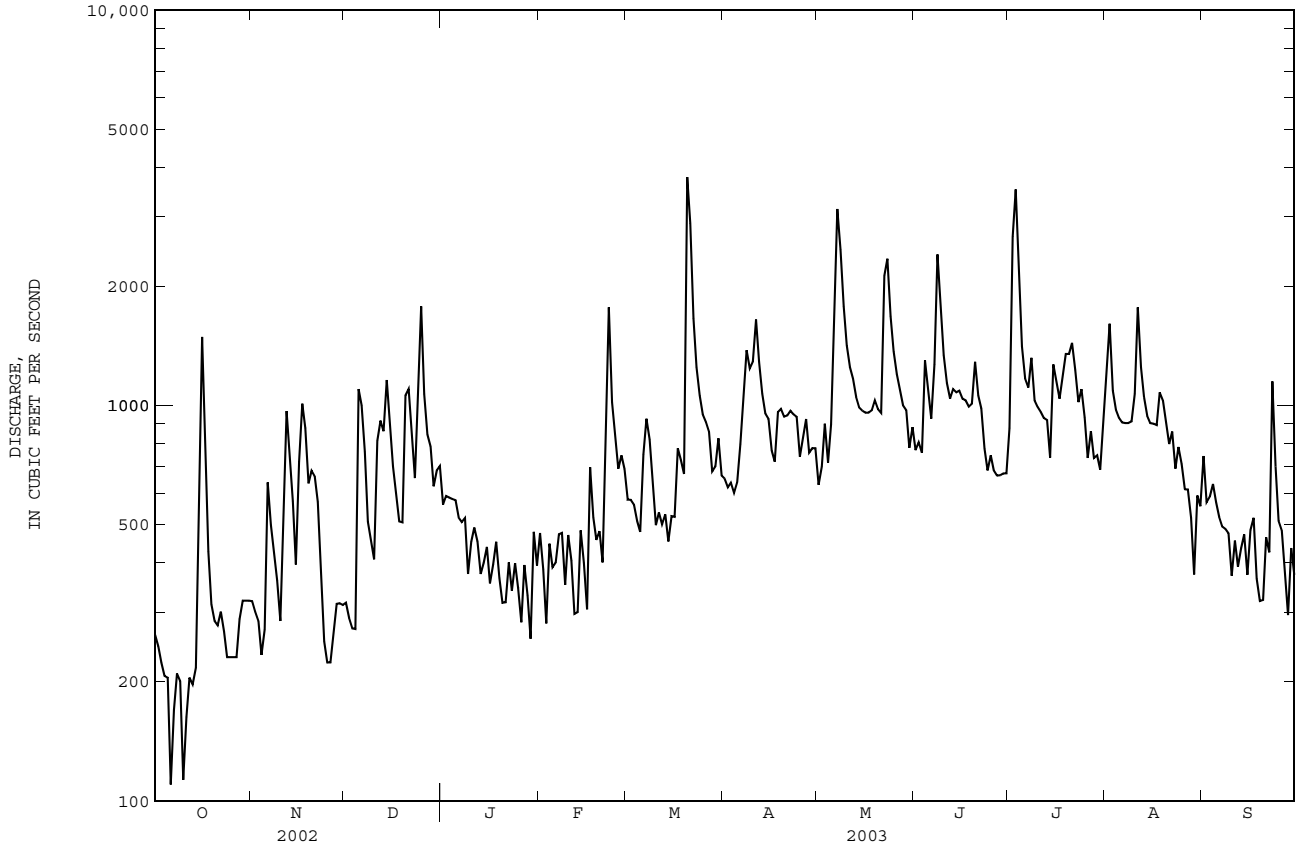
MEAN	451	484	617	755	818	931	869	704	582	479	458	405
MAX	1631	1246	1445	1875	1478	1807	1562	1506	1208	1435	1272	1241
(WY)	1965	1993	1962	1946	1946	1990	1962	1973	1961	1949	1994	1949
MIN	89.8	148	189	158	280	386	319	233	182	147	84.3	110
(WY)	1955	2002	1956	1956	2001	2002	2001	2001	2002	2000	2002	1999

SANTEE RIVER BASIN

02162500 SALUDA RIVER NEAR GREENVILLE, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1942 - 2003	
ANNUAL TOTAL	120344		282868			
ANNUAL MEAN	330		775		628	
HIGHEST ANNUAL MEAN					965 1949	
LOWEST ANNUAL MEAN					236 2001	
HIGHEST DAILY MEAN	1780	Dec 25	3780	Mar 20	8580	Oct 7 1949
LOWEST DAILY MEAN	43	Sep 12	110	Oct 6	36	Oct 29 1998
ANNUAL SEVEN-DAY MINIMUM	55	Aug 12	167	Oct 5	53	Oct 22 2000
MAXIMUM PEAK FLOW			5130		11000	
MAXIMUM PEAK STAGE			9.43		19.38	
ANNUAL RUNOFF (CFSM)	1.12		2.63		2.13	
ANNUAL RUNOFF (INCHES)	15.18		35.67		28.95	
10 PERCENT EXCEEDS	659		1260		1110	
50 PERCENT EXCEEDS	277		692		507	
90 PERCENT EXCEEDS	95		293		231	

e Estimated



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 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	337	397	404	790	457	854	687	673	899	e1370	1350	727
2	214	358	388	782	667	811	761	722	768	e2560	2750	869
3	265	345	340	819	429	779	663	902	863	e4110	1560	461
4	244	341	344	763	476	708	731	907	1380	3180	1200	800
5	221	313	1270	705	654	633	677	784	1240	1660	1120	632
6	242	771	1800	702	444	1290	827	1880	1000	1310	974	645
7	179	872	998	619	689	1390	1650	4390	1290	1190	955	557
8	204	432	939	643	636	1100	1790	3430	2490	1340	963	530
9	229	498	484	609	596	952	1580	2130	2220	1130	943	556
10	227	414	e614	505	454	677	1670	1550	1440	988	1100	504
11	113	484	e778	647	684	666	2060	1280	1210	994	1590	458
12	e287	1350	e1290	589	454	688	1610	1160	e1200	974	1490	558
13	e285	1060	e1210	579	460	628	1280	1050	e1130	1030	1110	419
14	e290	758	1660	440	459	647	1040	983	e1190	1050	1010	609
15	e688	661	1280	568	680	643	1030	987	e1040	1070	925	510
16	2560	746	1040	539	647	764	937	977	e1090	1320	973	390
17	1480	1330	799	445	638	774	780	1130	e1050	1050	1000	623
18	813	1080	720	579	812	1060	1020	1090	e1200	e1140	1070	514
19	401	910	697	553	536	939	1080	1030	2350	e1410	1440	373
20	416	672	1240	429	653	e8600	1010	1050	1810	e1370	978	391
21	318	837	1670	420	619	e6660	1040	954	1320	e1360	882	419
22	352	673	1090	481	1010	2740	1150	e3770	1110	e1420	948	571
23	371	537	1020	541	2520	1730	1000	e5270	949	1170	890	1180
24	287	420	1560	443	1480	1380	984	2330	674	1040	744	1040
25	277	331	2900	528	1040	1190	926	1750	e772	1020	872	671
26	308	328	1650	403	982	1050	819	1420	e821	861	797	527
27	317	348	1220	410	1410	935	957	1210	e745	761	557	648
28	303	404	1040	553	1510	882	914	1060	e790	893	649	435
29	448	416	931	375	---	693	707	1020	e722	668	472	e414
30	406	418	746	588	---	e938	872	949	e794	789	549	e535
31	367	---	1030	741	---	866	---	804	---	1640	669	---
TOTAL	13449	18504	33152	17788	22096	43667	32252	48642	35557	41868	32530	17566
MEAN	434	617	1069	574	789	1409	1075	1569	1185	1351	1049	586
MAX	2560	1350	2900	819	2520	8600	2060	5270	2490	4110	2750	1180
MIN	113	313	340	375	429	628	663	673	674	668	472	373
CFSM	1.05	1.49	2.58	1.39	1.91	3.40	2.60	3.79	2.86	3.26	2.53	1.41
IN.	1.21	1.66	2.98	1.60	1.99	3.92	2.90	4.37	3.19	3.76	2.92	1.58

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1995 - 2003, BY WATER YEAR (WY)

	1995	1996	1997	1998	1999	2000	2001	2002	2003
MEAN	507	519	618	836	886	1032	882	755	564
MAX	1156	1324	1069	1833	1916	1729	1772	1569	1185
(WY)	1996	1996	2003	1998	1998	1998	1998	2003	2003
MIN	165	215	329	392	375	504	411	287	242
(WY)	2001	2002	2002	2001	2001	2002	2001	2001	2000

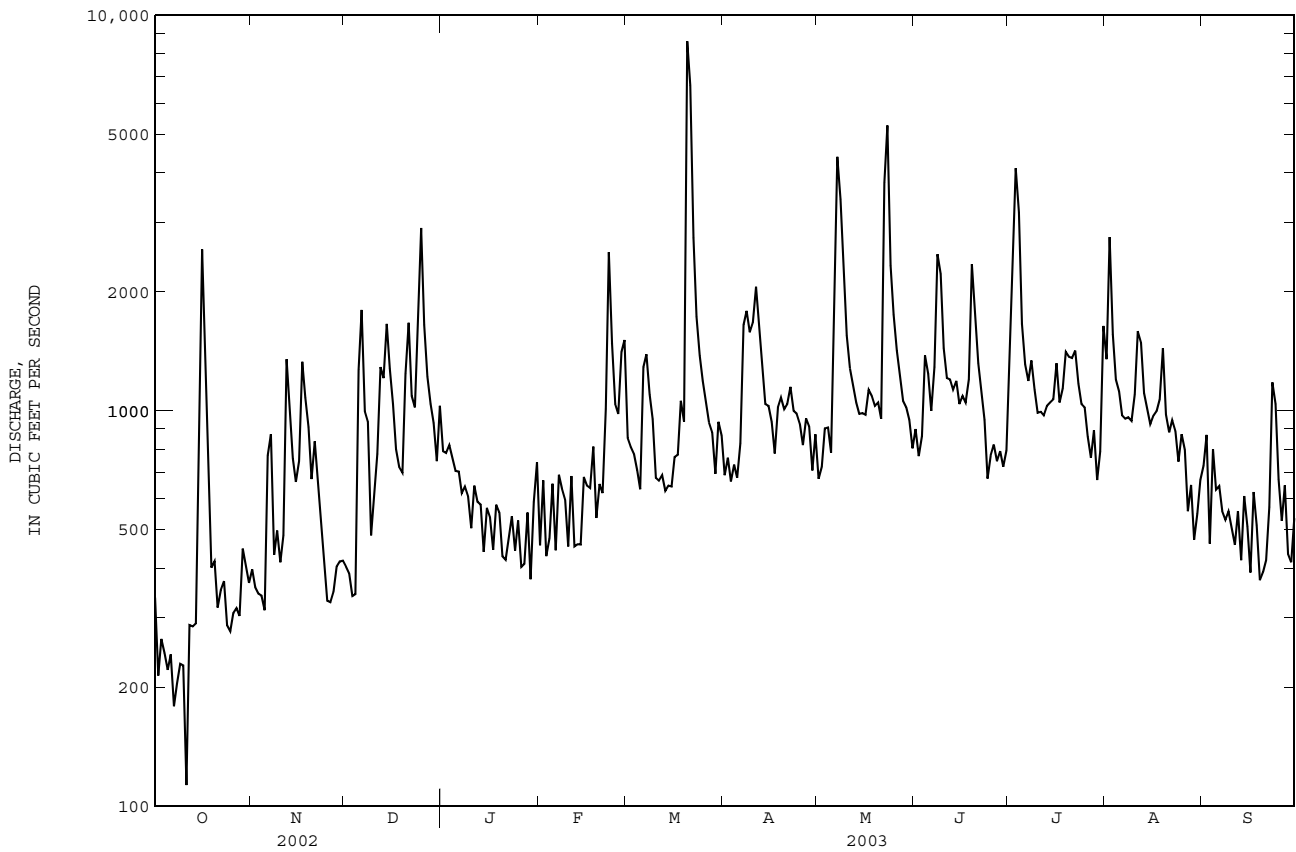
SANTEE RIVER BASIN

02163001 SALUDA RIVER NEAR WILLIAMSTON, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1995 - 2003	
ANNUAL TOTAL	164617		357071			
ANNUAL MEAN	451		978		645	
HIGHEST ANNUAL MEAN					1026	1998
LOWEST ANNUAL MEAN					328	2001
HIGHEST DAILY MEAN	2900	Dec 25	e 8600	Mar 20	12000	Aug 28 1995
LOWEST DAILY MEAN	33	Aug 6	113	Oct 11	e 6.3	Jul 21 2000
ANNUAL SEVEN-DAY MINIMUM	62	Aug 5	202	Oct 5	20	Jul 18 2000
MAXIMUM PEAK FLOW			Unknown	Mar 20	Unknown	Aug 27 1995
MAXIMUM PEAK STAGE			13.79	Mar 20	a 21.40	Aug 27 1995
ANNUAL RUNOFF (CFSM)	1.09		2.36		1.56	
ANNUAL RUNOFF (INCHES)	14.79		32.08		21.15	
10 PERCENT EXCEEDS	873		1570		1270	
50 PERCENT EXCEEDS	365		819		440	
90 PERCENT EXCEEDS	121		391		178	

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 except for July 3 to Aug. 1, which are poor. 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, 27.2°C, Oct. 11; minimum 1.9°C, Jan. 26.

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	22.8	21.3	22.0	15.3	14.4	14.8	7.7	6.9	7.3	8.1	6.8	7.4
2	23.8	20.9	22.4	14.7	13.4	14.2	7.6	6.8	7.2	8.6	8.1	8.4
3	26.5	22.0	22.9	14.2	13.6	13.7	7.5	6.7	7.1	8.7	8.3	8.5
4	23.5	22.5	22.9	13.6	13.1	13.4	7.2	4.8	6.6	8.5	8.1	8.3
5	24.4	23.0	23.4	13.2	12.9	13.1	6.4	5.7	6.2	8.2	7.7	7.9
6	24.3	22.7	23.4	13.4	12.8	13.1	6.5	5.6	6.2	8.1	7.7	7.9
7	24.6	23.0	23.7	13.0	12.0	12.5	6.2	5.7	5.9	7.8	6.7	7.3
8	23.8	21.8	22.8	12.5	11.3	12.0	5.9	5.2	5.6	6.9	6.5	6.6
9	21.8	20.9	21.4	12.7	11.4	12.1	6.2	4.5	5.9	7.6	6.6	7.2
10	21.1	20.4	20.7	13.4	12.1	12.8	---	---	---	8.6	7.6	8.0
11	27.2	18.4	21.2	16.3	13.3	14.2	---	---	---	7.9	6.9	7.5
12	---	---	---	14.9	14.0	14.6	---	---	---	6.9	5.3	6.1
13	---	---	---	14.1	13.4	13.8	---	---	---	5.7	5.3	5.5
14	---	---	---	13.4	12.7	13.0	7.9	7.4	7.6	6.3	5.1	5.7
15	---	---	---	12.8	12.2	12.5	7.8	7.1	7.4	6.2	5.2	5.6
16	17.1	15.4	16.4	12.9	12.6	12.8	7.8	6.8	7.4	5.6	4.8	5.2
17	17.0	15.8	16.5	13.0	11.8	12.6	7.7	7.3	7.5	5.3	4.6	4.9
18	15.8	14.9	15.5	11.8	10.6	11.1	7.7	7.3	7.4	4.8	3.9	4.2
19	18.5	15.0	15.5	10.7	9.9	10.4	7.8	7.3	7.5	4.0	3.2	3.7
20	15.7	14.8	15.3	11.2	10.5	10.7	8.6	7.8	8.3	4.4	3.0	3.7
21	16.4	15.4	15.9	11.5	11.1	11.3	8.5	7.6	7.9	6.0	4.2	4.9
22	16.9	15.8	16.3	11.1	10.1	10.6	8.5	7.4	8.0	6.7	5.4	6.0
23	16.6	16.0	16.3	10.1	9.0	9.6	8.5	7.7	8.2	6.5	5.0	6.0
24	16.4	15.9	16.2	9.7	8.6	9.1	8.4	7.6	8.0	5.1	3.6	4.4
25	15.9	15.5	15.7	9.4	8.6	9.0	7.8	7.3	7.6	3.7	2.9	3.2
26	15.9	15.5	15.7	9.7	8.8	9.2	7.3	6.5	6.8	4.2	1.9	3.5
27	16.5	15.8	16.1	9.5	8.8	9.2	6.8	6.0	6.5	4.6	3.7	4.2
28	16.4	16.1	16.3	9.1	8.2	8.7	6.6	5.9	6.3	5.1	4.0	4.6
29	16.3	15.9	16.1	8.4	7.5	8.0	6.6	5.8	6.3	5.2	4.6	4.9
30	15.9	15.2	15.6	8.0	7.3	7.7	6.5	6.0	6.3	5.7	5.2	5.3
31	15.6	14.9	15.2	---	---	---	6.9	6.1	6.4	6.0	5.7	5.8
MONTH	---	---	---	16.3	7.3	11.7	---	---	---	8.7	1.9	5.9

SANTEE RIVER BASIN

02163001 SALUDA RIVER NEAR WILLIAMSTON, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	6.3	2.1	5.6	8.8	8.2	8.5	---	---	---	19.8	18.8	19.4
2	6.7	5.6	6.1	9.6	8.6	9.1	---	---	---	20.3	19.4	19.8
3	7.8	6.5	7.1	9.8	9.0	9.5	---	---	---	20.2	19.3	19.9
4	8.8	7.4	8.2	10.0	9.2	9.5	---	---	---	20.3	19.1	19.8
5	9.2	8.2	8.6	10.8	10.0	10.4	---	---	---	20.1	18.7	19.1
6	8.4	7.0	7.9	11.9	10.8	11.5	---	---	---	18.8	17.8	18.1
7	7.2	6.7	6.9	11.7	10.8	11.3	---	---	---	17.9	17.3	17.5
8	7.4	6.6	6.9	11.4	10.4	10.9	---	---	---	18.6	17.0	17.8
9	7.5	6.9	7.1	12.9	11.0	11.9	---	---	---	20.0	18.4	19.1
10	8.5	7.0	7.4	12.7	11.8	12.4	---	---	---	21.1	19.7	20.4
11	7.8	6.7	7.2	12.6	12.1	12.4	---	---	---	21.4	20.4	21.0
12	---	---	---	12.8	12.0	12.4	---	---	---	20.7	20.1	20.4
13	7.9	6.3	7.0	13.7	12.7	13.3	---	---	---	21.0	19.3	20.2
14	7.4	6.9	7.2	14.3	13.3	13.8	---	---	---	20.0	19.0	19.6
15	7.8	6.9	7.4	13.5	12.5	13.1	---	---	---	19.9	18.9	19.4
16	7.6	6.7	7.3	13.2	12.5	12.8	---	---	---	20.6	19.1	19.8
17	6.7	5.8	6.3	13.8	13.2	13.4	---	---	---	20.2	19.0	19.8
18	7.3	5.4	6.3	13.8	13.4	13.6	---	---	---	19.0	18.1	18.6
19	7.9	6.8	7.3	13.8	13.4	13.6	---	---	---	18.1	17.3	17.6
20	8.7	7.6	8.2	---	---	---	---	---	---	18.4	17.0	17.7
21	8.4	8.1	8.3	---	---	---	---	---	---	18.3	17.8	18.1
22	9.7	8.0	8.8	---	---	---	---	---	---	18.0	17.2	17.5
23	9.8	8.9	9.3	---	---	---	16.9	15.4	16.2	17.5	17.0	17.2
24	9.6	8.7	9.2	---	---	---	16.4	15.2	15.9	18.5	17.3	17.8
25	10.0	9.1	9.6	---	---	---	16.1	15.2	15.7	19.3	18.1	18.7
26	9.7	9.0	9.3	---	---	---	16.7	15.4	16.1	20.3	19.1	19.7
27	9.0	7.3	8.1	---	---	---	17.4	16.0	16.7	20.6	19.3	20.0
28	8.2	7.3	7.7	---	---	---	18.0	16.1	17.1	21.0	19.1	20.1
29	---	---	---	---	---	---	18.8	16.7	17.8	21.0	19.4	20.3
30	---	---	---	---	---	---	19.7	18.0	18.9	20.7	19.1	20.0
31	---	---	---	---	---	---	---	---	---	21.3	19.8	20.4
MONTH	---	---	---	---	---	---	---	---	---	21.4	17.0	19.2

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	21.2	19.3	20.4	---	---	---	24.5	23.2	23.7	25.4	24.2	25.0
2	21.0	19.7	20.3	---	---	---	23.8	22.9	23.3	25.4	24.2	24.8
3	20.8	19.4	20.0	---	---	---	23.6	23.1	23.3	25.3	23.2	24.4
4	21.0	19.4	20.3	22.3	20.5	21.3	24.4	23.0	23.7	24.8	23.1	24.0
5	21.0	19.8	20.4	21.7	20.3	21.0	24.9	23.5	24.1	---	---	---
6	21.5	19.8	20.6	22.4	21.1	21.6	24.9	23.4	24.1	24.5	23.2	24.0
7	21.4	20.5	20.9	22.5	21.2	21.8	24.8	23.5	24.2	23.5	22.8	23.1
8	21.6	20.5	21.0	22.6	21.3	22.0	24.8	23.4	24.1	23.7	22.7	23.0
9	21.6	20.2	20.9	23.5	21.9	22.7	24.7	23.5	24.1	23.2	22.1	22.6
10	22.1	20.7	21.4	22.8	21.9	22.4	24.5	23.4	23.9	23.3	21.9	22.4
11	23.1	21.3	22.0	23.0	21.5	22.2	23.8	22.8	23.3	22.8	21.3	22.1
12	---	---	---	23.0	21.5	22.4	23.4	22.8	23.0	22.1	20.6	21.3
13	---	---	---	22.9	21.7	22.2	23.8	22.6	23.1	22.4	20.5	21.4
14	---	---	---	22.5	21.3	21.9	24.6	22.7	23.6	22.1	20.8	21.5
15	---	---	---	22.9	21.7	22.3	24.9	23.4	24.2	22.6	21.4	21.9
16	---	---	---	23.1	21.8	22.5	24.8	23.9	24.4	22.9	21.4	22.1
17	---	---	---	23.4	21.9	22.7	25.0	23.4	24.2	21.9	20.6	21.3
18	---	---	---	---	---	---	25.3	23.9	24.6	21.8	20.2	20.9
19	22.8	21.8	22.3	---	---	---	24.8	24.1	24.4	22.2	20.3	21.1
20	22.9	21.9	22.3	---	---	---	25.0	23.7	24.3	21.9	20.5	21.2
21	22.8	21.4	22.1	---	---	---	25.3	24.0	24.6	21.8	20.7	21.3
22	23.0	21.2	22.1	---	---	---	25.2	23.9	24.6	21.3	20.5	20.8
23	23.4	21.3	22.4	23.4	22.6	23.0	25.5	24.0	24.8	21.2	20.4	20.7
24	23.4	22.1	22.8	---	---	---	25.3	24.3	24.7	20.6	19.7	20.1
25	---	---	---	---	---	---	25.0	23.9	24.5	20.2	19.3	19.9
26	---	---	---	---	---	---	26.1	24.3	25.2	20.5	19.8	20.1
27	---	---	---	---	---	---	26.1	25.1	25.6	20.7	20.0	20.4
28	---	---	---	24.4	22.8	23.7	26.5	25.5	25.8	21.4	19.5	20.5
29	---	---	---	24.5	23.5	24.1	26.3	25.4	25.8	20.3	18.7	19.4
30	---	---	---	25.0	23.6	24.2	26.7	25.6	26.1	---	---	---
31	---	---	---	24.4	23.7	24.0	25.9	25.2	25.5	---	---	---
MONTH	---	---	---	---	---	---	26.7	22.6	24.3	---	---	---

SANTEE RIVER BASIN

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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 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.1	8.5	10	34	21	46	33	25	21	60	104	12
2	7.6	7.7	10	25	19	36	32	38	21	500	168	11
3	7.1	7.3	10	28	17	28	31	34	56	57	59	11
4	6.9	7.5	12	21	23	25	31	27	43	29	31	11
5	6.6	28	163	20	18	24	38	39	25	24	23	11
6	6.4	76	47	20	17	154	36	159	32	22	19	10
7	6.2	19	26	19	47	51	291	119	102	37	18	10
8	6.1	14	21	18	24	35	90	52	69	21	18	10
9	6.1	11	18	18	20	29	74	38	33	19	16	9.7
10	6.4	11	18	17	27	26	121	33	26	19	16	9.1
11	6.3	73	94	16	21	24	80	32	33	20	17	8.7
12	6.0	163	31	16	18	23	49	30	36	28	16	8.4
13	9.5	46	133	16	18	23	40	27	55	24	16	8.3
14	6.6	24	58	16	18	22	35	26	27	22	15	8.7
15	42	18	30	15	19	25	33	26	24	17	18	9.0
16	107	104	25	15	41	37	33	25	22	16	22	8.2
17	19	71	21	16	36	27	34	77	21	15	22	7.9
18	12	30	19	15	25	92	65	36	21	14	26	7.7
19	9.6	24	18	14	22	136	38	34	99	19	78	7.5
20	8.4	19	75	15	21	e700	34	28	56	17	22	7.5
21	9.0	17	28	15	20	137	42	29	28	14	21	7.3
22	8.0	15	22	18	124	63	39	387	23	27	20	15
23	7.4	13	19	16	63	50	31	180	21	22	16	41
24	7.1	12	238	14	33	45	30	49	19	16	14	12
25	7.6	12	95	15	27	41	32	37	18	14	14	10
26	8.5	12	36	15	27	38	36	32	17	18	13	10
27	7.2	11	26	15	234	36	29	29	16	18	12	11
28	14	11	23	14	104	35	28	26	17	14	11	12
29	20	11	20	15	---	33	27	24	17	14	11	10
30	14	11	19	55	---	49	25	22	17	15	10	9.6
31	9.9	---	19	28	---	35	---	22	---	57	11	---
TOTAL	406.6	887.0	1384	594	1104	2125	1537	1742	1015	1209	877	324.6
MEAN	13.1	29.6	44.6	19.2	39.4	68.5	51.2	56.2	33.8	39.0	28.3	10.8
MAX	107	163	238	55	234	700	291	387	102	500	168	41
MIN	6.0	7.3	10	14	17	22	25	22	16	14	10	7.3
CFSM	0.69	1.55	2.33	1.00	2.06	3.59	2.68	2.94	1.77	2.04	1.48	0.57
IN.	0.79	1.73	2.69	1.16	2.15	4.13	2.99	3.39	1.97	2.35	1.71	0.63

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1994 - 2003, BY WATER YEAR (WY)

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003		
MEAN	17.3	20.0	23.8	35.9	36.8	41.4	30.7	23.1	16.2	17.1	18.9	14.0
MAX	39.3	34.7	44.6	61.6	64.7	68.5	77.5	56.2	33.8	39.0	72.8	26.5
(WY)	2000	1996	2003	1998	1998	2003	1998	2003	2003	2003	1995	2002
MIN	4.52	9.01	11.5	17.1	12.7	17.0	12.9	8.51	5.02	4.36	3.37	7.23
(WY)	2001	2002	2002	2001	2001	1999	2002	2001	2002	2002	2002	1999

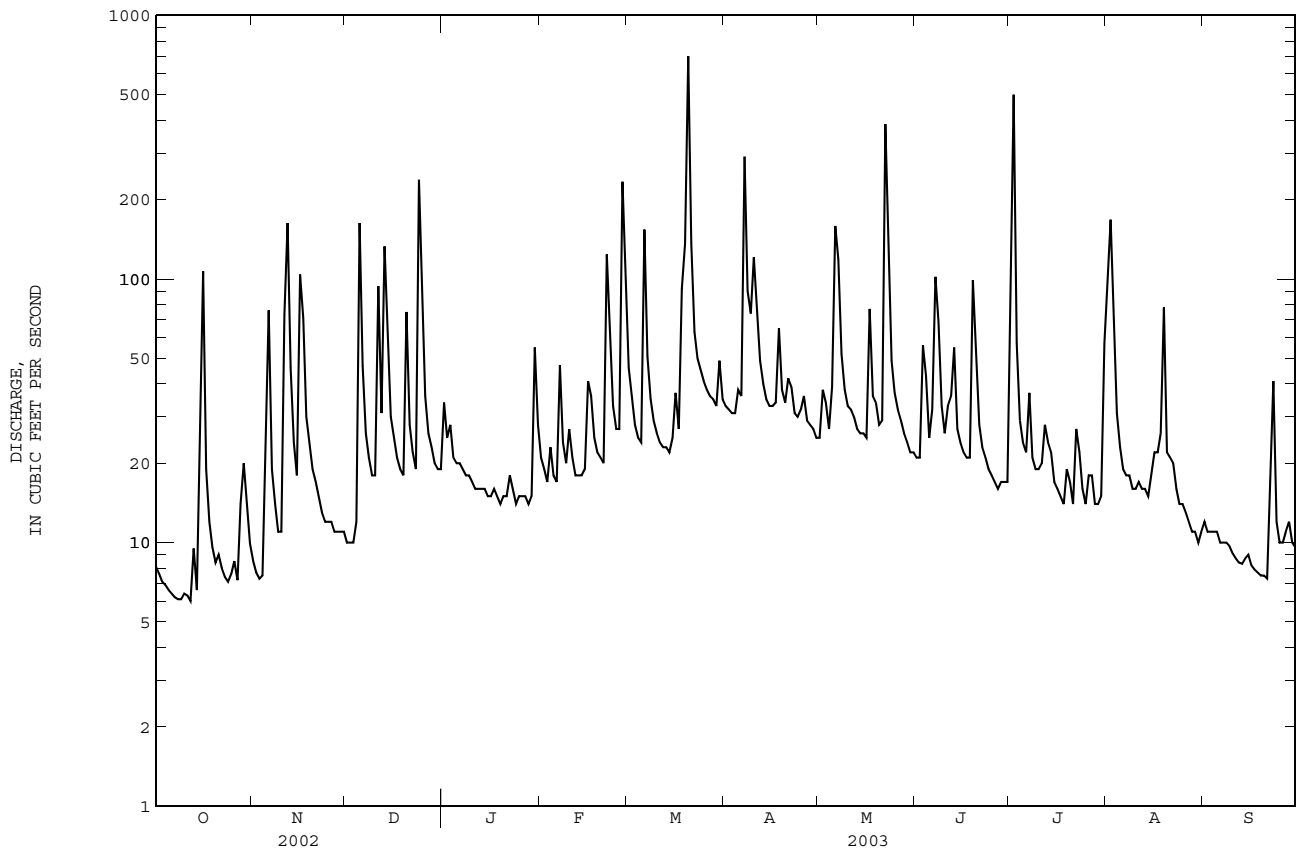
SANTEE RIVER BASIN

021630967 GROVE CREEK NEAR PIEDMONT, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1994 - 2003	
ANNUAL TOTAL	6832.07		13205.2		24.4	
ANNUAL MEAN	18.7		36.2		36.7	
HIGHEST ANNUAL MEAN					1998	
LOWEST ANNUAL MEAN					13.7	
HIGHEST DAILY MEAN	300	Sep 16	e 700	Mar 20	e 1000	Aug 27 1995
LOWEST DAILY MEAN	0.74	Aug 14	6.0	Oct 12	0.74	Aug 14 2002
ANNUAL SEVEN-DAY MINIMUM	0.83	Aug 8	6.2	Oct 6	0.83	Aug 8 2002
MAXIMUM PEAK FLOW			Unknown	Mar 20	Unknown	Aug 27 1995
MAXIMUM PEAK STAGE			11.11	Mar 20	a 15.17	Aug 27 1995
ANNUAL RUNOFF (CFSM)	0.98		1.89		1.28	
ANNUAL RUNOFF (INCHES)	13.29		25.69		17.34	
10 PERCENT EXCEEDS	34		70		39	
50 PERCENT EXCEEDS	11		22		14	
90 PERCENT EXCEEDS	2.2		9.1		5.8	

a From floodmarks

e Estimated



SANTEE RIVER BASIN

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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.--Records good except for estimated daily discharges, 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 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	533	366	520	1330	922	1840	1250	1060	1210	1170	1650	1030
2	378	552	557	1090	676	1390	1010	952	1130	4680	3070	993
3	168	406	482	824	861	1320	1050	1180	1100	5560	2500	963
4	160	439	486	1070	714	1010	1030	1160	1600	4580	1760	925
5	286	485	731	1080	723	1180	1090	1170	1790	2540	1530	962
6	317	772	2500	919	765	3700	1010	e2120	1540	1930	1390	742
7	280	1120	1450	904	857	2800	1910	e4040	2050	1800	1350	767
8	160	1050	1240	793	1120	1990	2740	e5780	2300	1570	1340	754
9	284	454	911	896	754	1640	2350	e4860	3170	1590	1310	675
10	159	469	671	739	886	1540	e2300	e2930	2200	1500	1280	616
11	342	661	990	758	746	1020	e3000	e2450	1730	1450	1430	626
12	252	1900	1680	784	946	1120	e2570	e2400	1800	1300	2050	671
13	246	2050	1850	765	613	1080	e2240	1560	1600	1280	1550	568
14	402	1230	2470	743	594	1010	e2150	1460	1520	1820	1350	535
15	432	979	1860	680	800	978	e1690	1310	1440	1360	1250	825
16	2300	1270	1480	750	839	1170	e1530	1270	1310	1540	1320	536
17	2380	2000	1230	695	1300	1200	e1350	1400	1420	1650	1670	610
18	1290	1700	968	646	1110	1460	1650	e1540	1310	1350	1750	697
19	763	1430	757	677	1080	1660	1600	1440	1940	1430	1700	597
20	378	1110	1070	699	763	8430	1570	1350	2620	1650	1620	532
21	487	823	1990	714	868	10500	1480	1360	1950	1670	995	409
22	339	962	1490	535	1090	4570	1530	3200	1580	1730	1000	514
23	525	750	1210	686	3060	2790	1550	7370	1360	1780	1270	997
24	468	615	2280	651	2330	2270	1400	3670	1050	1400	1020	1510
25	322	599	4120	697	1630	1870	1350	2610	850	1240	1100	959
26	303	325	2780	689	1380	1640	1370	2130	1080	1250	1310	688
27	458	502	1880	600	2520	1550	1340	1800	1080	1090	853	679
28	415	508	1500	671	3410	1410	1260	1680	1010	1110	700	701
29	497	460	1360	659	---	1220	1130	1320	881	1090	939	537
30	655	471	1280	729	---	1210	1250	1280	892	899	659	594
31	487	---	1090	936	---	1420	---	1190	---	1730	726	---
TOTAL	16466	26458	44883	24409	33357	67988	48750	69042	46513	56739	43442	22212
MEAN	531	882	1448	787	1191	2193	1625	2227	1550	1830	1401	740
MAX	2380	2050	4120	1330	3410	10500	3000	7370	3170	5560	3070	1510
MIN	159	325	482	535	594	978	1010	952	850	899	659	409
CFSM	0.92	1.52	2.50	1.36	2.05	3.78	2.80	3.84	2.67	3.16	2.42	1.28
IN.	1.06	1.70	2.88	1.57	2.14	4.36	3.13	4.43	2.98	3.64	2.79	1.42

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 2003, BY WATER YEAR (WY)

MEAN	656	744	961	1210	1343	1546	1368	1068	853	731	728	596
MAX	2623	2041	2603	2929	2430	3864	3005	2227	1775	1906	1995	1861
(WY)	1965	1949	1962	1946	1990	1952	1964	2003	1979	1949	1995	1949
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

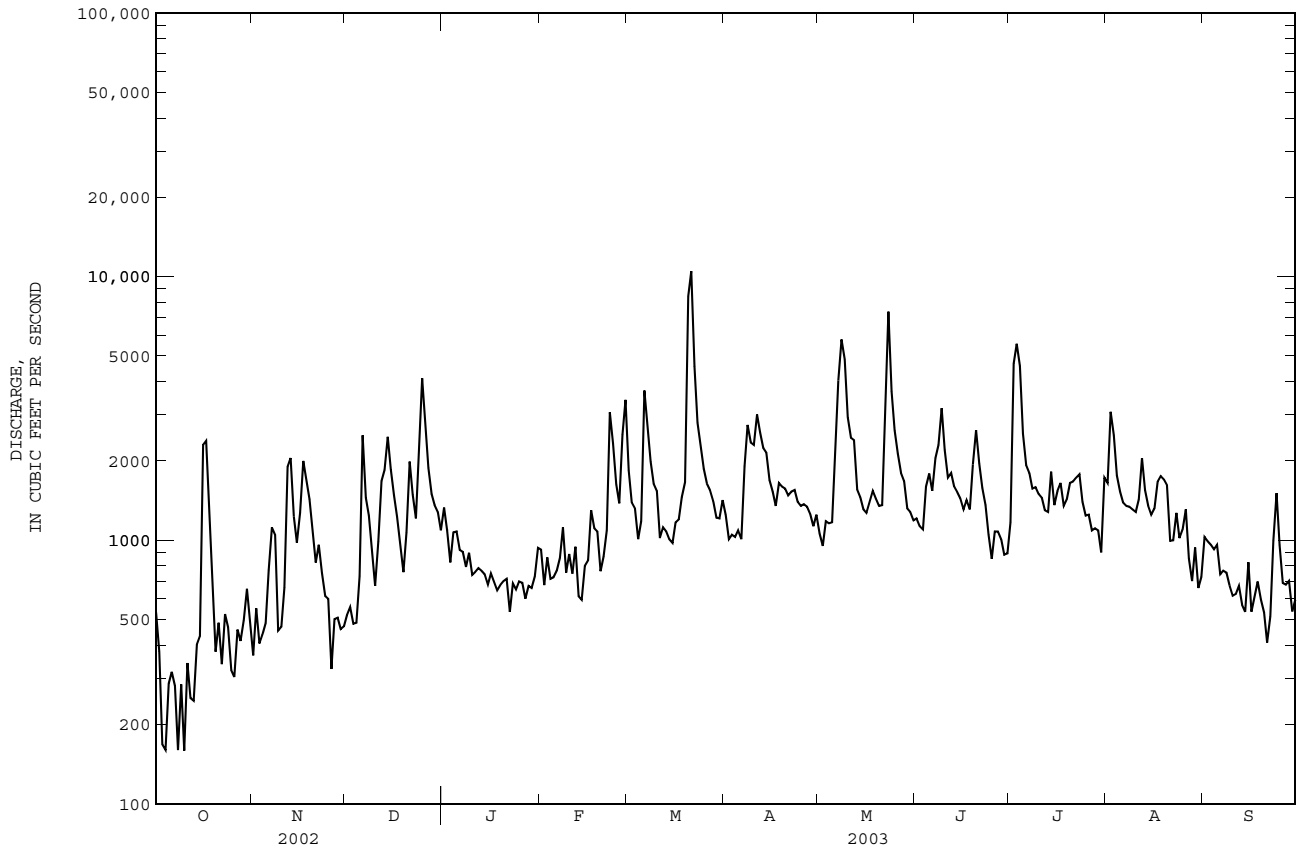
02163500 SALUDA RIVER NEAR WARE SHOALS, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1939 - 2003	
ANNUAL TOTAL	219265		500259		982	
ANNUAL MEAN	601		1371		1569	
HIGHEST ANNUAL MEAN					435	
LOWEST ANNUAL MEAN					16100	
HIGHEST DAILY MEAN	4120	Dec 25	10500	Mar 21	16100	Aug 27 1995
LOWEST DAILY MEAN	49	a Aug 14	159	Oct 10	11	b Oct 12 1941
ANNUAL SEVEN-DAY MINIMUM	51	Aug 11	235	Oct 4	51	Aug 11 2002
MAXIMUM PEAK FLOW			13100	Mar 21	20900	Aug 27 1995
MAXIMUM PEAK STAGE			18.07	Mar 21	22.95	Aug 27 1995
ANNUAL RUNOFF (CFSM)	1.04		2.36		1.69	
ANNUAL RUNOFF (INCHES)	14.06		32.09		23.01	
10 PERCENT EXCEEDS	1230		2340		1790	
50 PERCENT EXCEEDS	485		1170		735	
90 PERCENT EXCEEDS	131		500		313	

a Also occurred Aug. 15, 16.

b Also occurred Oct. 19, 1941.

e Estimated



SANTEE RIVER BASIN

277

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.--No estimated daily discharges. Records good. 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 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	36	40	37	122	62	97	84	80	67	290	358	115
2	34	37	36	80	56	93	81	102	65	823	463	59
3	32	37	36	119	53	80	76	80	205	180	165	52
4	30	37	67	76	121	74	73	72	231	101	135	63
5	29	153	516	68	70	75	146	118	93	83	183	77
6	29	204	186	64	79	403	131	599	155	79	88	49
7	27	77	91	60	153	141	573	380	415	83	83	46
8	26	56	72	59	78	100	259	144	191	80	80	45
9	27	47	61	56	67	89	206	106	109	68	104	44
10	28	49	77	54	84	82	338	91	88	74	88	42
11	28	178	279	53	62	75	225	87	80	74	72	40
12	26	220	103	53	57	72	135	81	117	90	64	38
13	148	101	315	52	53	71	112	72	145	70	61	38
14	53	69	184	51	58	71	99	69	79	67	81	38
15	537	59	102	50	65	91	92	68	76	98	67	39
16	859	237	82	50	165	158	88	70	72	74	80	35
17	215	145	70	55	155	101	116	156	79	62	101	33
18	82	86	63	49	93	128	201	107	98	55	261	33
19	58	70	62	49	79	343	100	101	230	128	331	33
20	48	61	420	50	72	2470	90	78	94	70	78	32
21	49	58	131	55	67	683	194	87	73	140	79	33
22	45	54	91	55	470	176	122	1770	66	123	67	278
23	38	49	78	56	227	130	92	801	63	88	59	290
24	35	46	553	48	109	111	84	174	61	85	55	71
25	40	44	269	47	88	100	95	123	59	61	52	53
26	41	43	115	48	99	94	162	108	57	59	50	48
27	35	41	92	46	218	88	94	96	57	76	48	47
28	76	40	81	45	122	85	82	85	64	58	46	49
29	97	39	75	68	---	83	77	79	60	59	47	41
30	75	39	69	175	---	177	74	75	61	448	45	41
31	49	---	71	76	---	96	---	72	---	672	81	---
TOTAL	2932	2416	4484	1989	3082	6637	4301	6131	3310	4518	3572	1902
MEAN	94.6	80.5	145	64.2	110	214	143	198	110	146	115	63.4
MAX	859	237	553	175	470	2470	573	1770	415	823	463	290
MIN	26	37	36	45	53	71	73	68	57	55	45	32
CFSM	1.95	1.66	2.98	1.32	2.26	4.41	2.95	4.07	2.27	3.00	2.37	1.30
IN.	2.24	1.85	3.43	1.52	2.36	5.08	3.29	4.69	2.53	3.46	2.73	1.46

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1942 - 2003, BY WATER YEAR (WY)

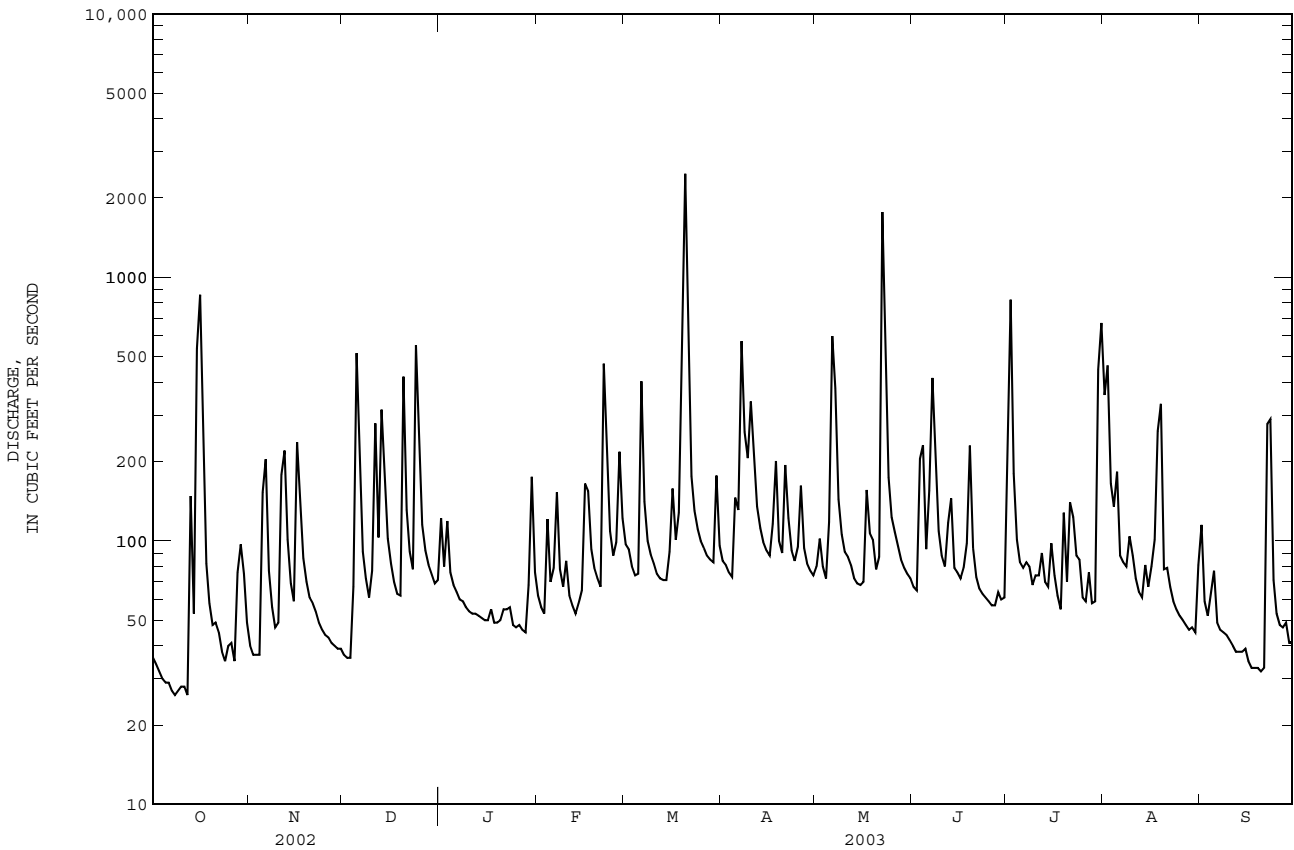
	MEAN	MAX	MIN	(WY)
MEAN	61.2	62.4	78.2	97.9
MAX	255	204	233	216
(WY)	1950	1949	1962	1946
MIN	13.4	23.9	29.2	28.0
(WY)	1955	1955	1956	1956
				2001
				1999
				2002
				2001
				1988
				1954
				2001
				1954
				2001
				1954

SANTEE RIVER BASIN

02164000 REEDY RIVER NEAR GREENVILLE, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1942 - 2003	
ANNUAL TOTAL	23614.0		45274		81.0	
ANNUAL MEAN	64.7		124		124	
HIGHEST ANNUAL MEAN					43.1 1988	
LOWEST ANNUAL MEAN					7.0 Aug 5 2002	
HIGHEST DAILY MEAN	967	Sep 15	2470	Mar 20	4120	Aug 27 1995
LOWEST DAILY MEAN	6.8	Aug 11	26	a Oct 8	5.3	Aug 19 1999
ANNUAL SEVEN-DAY MINIMUM	7.0	Aug 5	27	Oct 6	7.0	Aug 5 2002
MAXIMUM PEAK FLOW			3160	Jul 30	5400	Aug 27 1995
MAXIMUM PEAK STAGE			8.76	Jul 30	11.88	Aug 27 1995
INSTANTANEOUS LOW FLOW			21	Oct 2	3.3	Aug 5 1999
ANNUAL RUNOFF (CFSM)	1.33		2.55		1.67	
ANNUAL RUNOFF (INCHES)	18.07		34.65		22.66	
10 PERCENT EXCEEDS	138		222		139	
50 PERCENT EXCEEDS	37		77		52	
90 PERCENT EXCEEDS	11		40		24	

a Also occurred Oct. 12.



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 2002 TO SEPTEMBER 2003
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.18	0.00	0.10	0.00	0.02	0.00	3.61	0.91	---
2	0.00	0.00	0.00	0.24	0.00	0.00	0.00	0.34	0.00	0.12	0.02	---
3	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	1.55	0.00	0.29	---
4	0.01	0.02	0.05	0.00	0.29	0.00	0.00	0.00	0.01	0.00	0.00	---
5	0.00	1.40	0.10	0.00	0.00	0.07	0.54	0.90	0.00	0.00	0.00	0.00
6	0.00	0.01	0.00	0.00	0.54	---	0.98	1.03	0.99	0.46	0.00	0.00
7	0.00	0.00	0.00	0.00	0.09	0.00	0.92	0.20	0.43	0.06	0.02	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.47	0.04	0.22	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.05	0.01
10	0.03	0.04	0.82	0.00	0.28	0.00	0.85	0.00	0.00	0.22	0.06	0.00
11	0.01	1.19	0.13	0.00	0.00	0.00	0.02	0.07	0.14	0.10	0.00	0.00
12	0.00	0.98	0.00	0.00	0.00	0.00	0.00	0.00	0.69	0.00	0.07	0.00
13	0.23	0.00	0.98	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.01	0.00
14	0.01	0.00	0.00	0.00	0.13	0.05	0.00	0.00	0.00	0.00	0.42	0.00
15	2.17	0.06	0.00	0.00	0.03	0.54	0.00	0.02	0.04	0.00	0.02	0.00
16	0.24	1.43	0.00	0.00	0.42	0.02	0.00	0.00	0.08	0.00	0.31	0.00
17	0.00	0.04	0.00	0.01	0.29	0.22	0.53	0.79	0.01	0.00	---	0.00
18	0.00	0.00	0.00	0.00	0.02	0.51	0.42	0.28	0.28	0.00	---	0.00
19	0.00	0.00	0.49	0.00	0.00	1.70	0.00	0.00	0.61	0.30	---	0.00
20	0.11	0.00	0.43	0.00	0.00	---	0.00	0.00	0.00	0.00	---	0.00
21	0.02	0.00	0.00	0.22	0.09	0.00	0.65	0.26	0.00	0.34	---	0.00
22	0.00	0.00	0.00	0.01	---	0.00	0.01	3.13	0.00	0.22	---	1.43
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.03	---	0.01
24	0.00	0.00	1.58	0.01	0.00	0.00	0.00	0.00	0.01	0.00	---	0.00
25	0.18	0.00	0.06	0.00	0.00	0.00	0.19	0.00	0.00	0.00	---	0.00
26	0.00	0.00	0.00	0.00	0.35	0.02	0.23	0.03	0.00	0.21	---	0.00
27	0.00	0.00	0.00	0.00	0.91	0.00	0.00	0.03	0.00	0.29	---	0.08
28	0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.00	---	0.01
29	0.39	0.00	0.00	0.33	---	0.00	0.00	0.00	0.00	0.03	---	0.00
30	0.03	0.00	0.00	0.72	---	0.72	0.00	0.00	0.05	0.50	---	0.00
31	0.00	---	0.33	0.00	---	0.00	---	0.00	---	0.09	---	---
TOTAL	4.03	5.17	4.97	1.75	---	---	5.87	7.18	5.31	6.78	---	---

SANTEE 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.--No estimated daily discharges. Records good except for discharges Feb. 8 to Apr. 12, which is fair. Diversion into basin by City of Greenville from the Saluda River above station 02162500.

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	103	118	130	304	186	292	255	200	218	252	390	213
2	99	116	128	224	171	276	247	237	201	2550	1160	157
3	94	108	132	268	164	230	241	274	475	583	412	143
4	91	108	142	203	240	211	239	196	539	305	264	149
5	93	184	1150	185	203	216	320	236	265	241	379	169
6	86	653	507	172	171	1050	304	1100	245	222	224	136
7	86	207	256	167	391	460	1620	1130	1050	247	199	127
8	86	157	204	165	217	302	680	420	507	223	194	128
9	82	139	181	163	186	261	658	294	304	195	196	128
10	86	144	179	171	221	237	892	251	241	202	189	125
11	93	487	637	156	185	218	721	238	230	205	182	120
12	88	799	277	153	169	208	394	229	254	224	187	119
13	207	363	736	151	162	213	315	216	452	183	164	117
14	147	230	512	153	163	203	283	207	226	189	155	114
15	830	188	279	151	186	205	265	214	200	188	195	114
16	1710	576	228	153	283	361	252	203	196	195	163	116
17	573	513	201	171	393	246	264	430	213	173	305	113
18	231	262	181	153	248	412	719	273	197	159	255	112
19	170	210	172	148	206	560	313	269	528	190	979	110
20	144	186	710	148	188	4260	256	218	314	255	236	107
21	143	173	332	154	177	2630	347	212	204	178	196	106
22	129	165	226	188	1010	633	452	2300	182	296	192	126
23	124	156	198	158	666	435	258	2690	173	237	162	766
24	117	149	1240	149	296	368	238	609	171	195	152	192
25	115	147	889	142	253	330	257	385	166	159	150	141
26	138	147	353	144	245	293	339	331	169	155	146	127
27	120	142	267	142	795	281	243	282	169	184	141	121
28	136	134	237	141	493	282	212	263	166	157	142	127
29	256	133	212	157	---	261	209	245	161	161	142	113
30	188	133	205	462	---	437	209	230	165	167	135	112
31	135	---	204	241	---	299	---	232	---	1540	133	---
TOTAL	6700	7227	11305	5637	8268	16670	12002	14614	8584	10410	8119	4548
MEAN	216	241	365	182	295	538	400	471	286	336	262	152
MAX	1710	799	1240	462	1010	4260	1620	2690	1050	2550	1160	766
MIN	82	108	128	141	162	203	209	196	161	155	133	106
CFSM	2.08	2.32	3.51	1.75	2.84	5.17	3.85	4.53	2.75	3.23	2.52	1.46
IN.	2.40	2.59	4.04	2.02	2.96	5.96	4.29	5.23	3.07	3.72	2.90	1.63

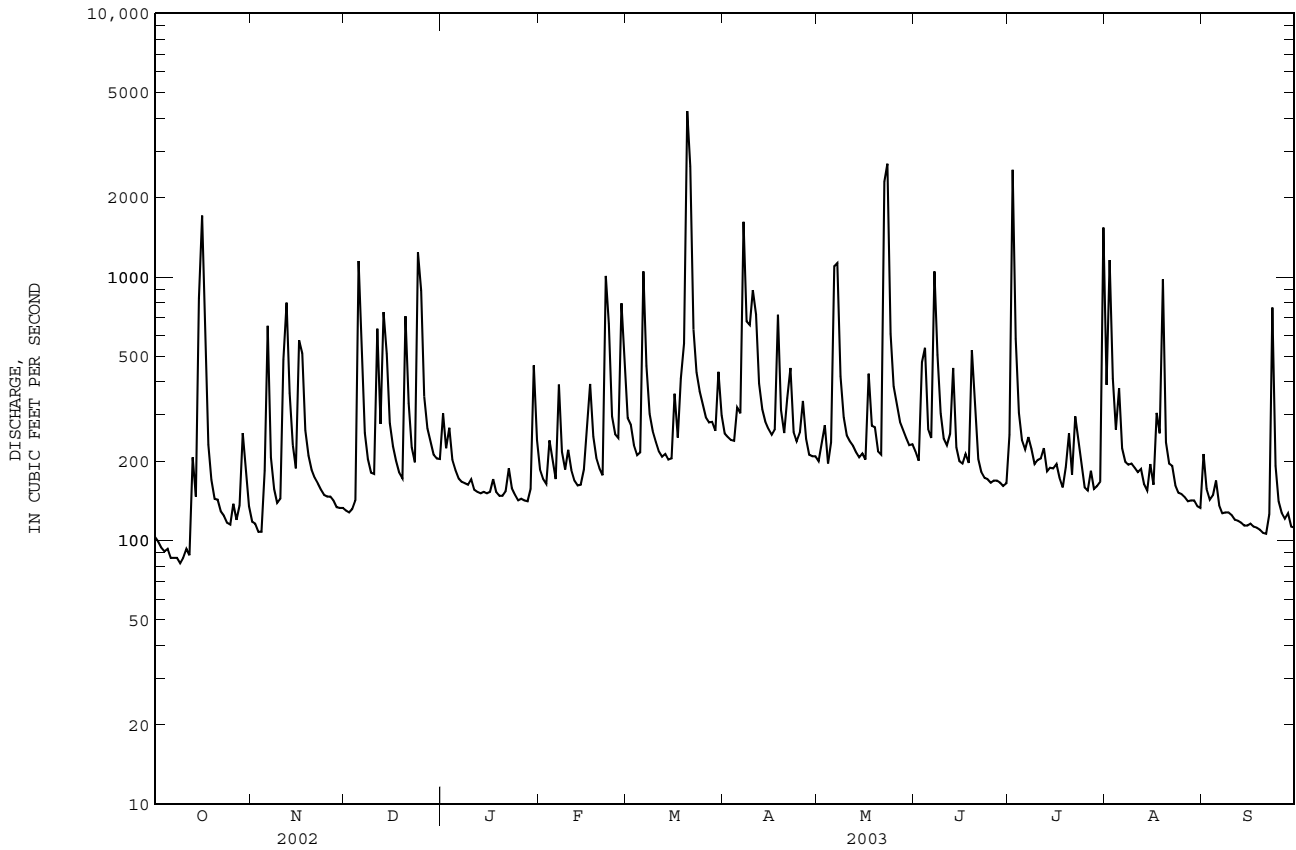
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1994 - 2003, BY WATER YEAR (WY)

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003		
MEAN	175	166	195	258	275	307	244	199	180	169	192	159
MAX	331	311	365	464	530	538	546	471	286	336	501	271
(WY)	2000	1996	2003	1998	1998	2003	1998	2003	2003	2003	1995	2002
MIN	67.0	94.3	112	150	132	172	127	101	77.2	100	74.3	121
(WY)	2001	2002	2002	2001	2002	1999	2002	2001	2002	2002	2002	1997

02164110 REEDY RIVER ABOVE FORK SHOALS, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1994 - 2003	
ANNUAL TOTAL	64791		114084			
ANNUAL MEAN	178		313		210	
HIGHEST ANNUAL MEAN					313	2003
LOWEST ANNUAL MEAN					133	2002
HIGHEST DAILY MEAN	2570	Sep 16	4260	Mar 20	6260	Aug 27 1995
LOWEST DAILY MEAN	39	Aug 11	82	Oct 9	39	Aug 11 2002
ANNUAL SEVEN-DAY MINIMUM	41	Aug 9	87	Oct 6	41	Aug 9 2002
MAXIMUM PEAK FLOW			6070	Mar 20	8200	Aug 27 1995
MAXIMUM PEAK STAGE			19.01	Mar 20	21.77	Aug 27 1995
INSTANTANEOUS LOW FLOW			80	a Oct 12	38	b Aug 11 2002
ANNUAL RUNOFF (CFSM)	1.71		3.01		2.02	
ANNUAL RUNOFF (INCHES)	23.18		40.81		27.39	
10 PERCENT EXCEEDS	308		574		335	
50 PERCENT EXCEEDS	117		205		145	
90 PERCENT EXCEEDS	56		127		82	

a Also occurred Oct. 13.
 b Also occurred Aug. 12, 2002.



SANTÉE RIVER BASIN

02165000 REEDY RIVER NEAR WARE SHOALS, SC

LOCATION.--Lat 34°25'02'', long 82°09'06'', Laurens County, Hydrologic Unit 03050109, about 800 ft downstream of State Road S-30-36 bridge, 5.5 mi northeast of Ware Shoals, 6.0 mi downstream from Boyd Mill Dam, and at mile 11.0.

DRAINAGE AREA.--236 mi².

PERIOD OF RECORD.--April 1939 to current year.

REVISED RECORDS.--WSP 892: 1939. WSP 922: Drainage area. WSP 1723: 1940, 1943, 1948-49, 1952(M). WSP 1904: 1940, 1943, 1946, 1949, 1952. WDR-SC-77-1: Drainage area. WDR-SC-78-1: Drainage area. WDR-SC-02-1: 2001.

GAGE.--Data collection platform. Datum of gage is 451.14 ft above NGVD of 1929. From October 1, 1977 to August 2, 2002, at site 800 ft upstream at datum 2.72 ft higher. From April 1939 to September 30, 1977, at site 4.1 mi upstream at datum 29.48 ft higher.

REMARKS.--Records good 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. City of Greenville began diverting water from 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 ft below station 02164000.

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	57	312	180	267	421	937	550	366	455	381	1270	242
2	61	150	171	390	327	705	406	358	358	1630	859	291
3	106	146	165	391	322	604	303	427	328	2280	1140	286
4	99	106	170	328	302	473	312	386	661	1000	682	276
5	108	107	277	294	268	422	385	338	737	716	597	240
6	109	339	1130	227	299	1730	530	603	526	613	558	223
7	112	641	639	231	333	1660	830	1340	1060	469	504	223
8	123	414	468	208	571	840	1670	1180	1320	353	372	221
9	62	234	361	252	395	607	1210	636	830	477	317	220
10	110	189	277	311	340	545	1150	490	628	402	317	218
11	108	254	342	258	311	474	1510	422	422	323	318	216
12	107	755	688	198	277	351	1050	396	464	349	317	214
13	103	1210	629	209	259	409	731	358	592	374	318	e208
14	124	613	1250	215	258	362	649	334	648	531	284	e252
15	294	419	748	209	245	403	541	326	548	447	264	229
16	859	483	547	208	319	372	518	327	396	345	286	e209
17	1400	1170	406	217	643	493	510	321	337	347	294	e209
18	591	767	300	225	540	628	914	607	374	260	458	211
19	356	532	298	198	479	760	1040	447	490	285	552	e208
20	237	375	302	187	431	2270	662	413	749	310	843	e203
21	187	395	798	197	301	e6220	592	415	625	412	527	192
22	168	274	501	212	443	e5540	674	1250	427	398	330	e180
23	169	185	361	253	1310	e2340	549	2470	327	447	267	e464
24	161	222	709	233	888	e1090	475	2390	282	440	272	e875
25	103	239	1750	197	562	e772	458	946	272	286	250	e258
26	133	198	1230	204	488	e631	504	685	278	312	252	e195
27	177	186	628	196	865	535	570	584	250	322	259	194
28	185	189	520	195	1710	337	425	535	276	280	216	e192
29	183	171	492	190	---	437	388	429	299	312	203	e190
30	198	175	486	307	---	489	373	347	235	276	204	e220
31	335	---	373	617	---	627	---	378	---	514	204	---
TOTAL	7125	11450	17196	7824	13907	34063	20479	20504	15194	15891	13534	7559
MEAN	230	382	555	252	497	1099	683	661	506	513	437	252
MAX	1400	1210	1750	617	1710	6220	1670	2470	1320	2280	1270	875
MIN	57	106	165	187	245	337	303	321	235	260	203	180
CFSM	0.97	1.62	2.35	1.07	2.10	4.66	2.89	2.80	2.15	2.17	1.85	1.07
IN.	1.12	1.80	2.71	1.23	2.19	5.37	3.23	3.23	2.39	2.50	2.13	1.19

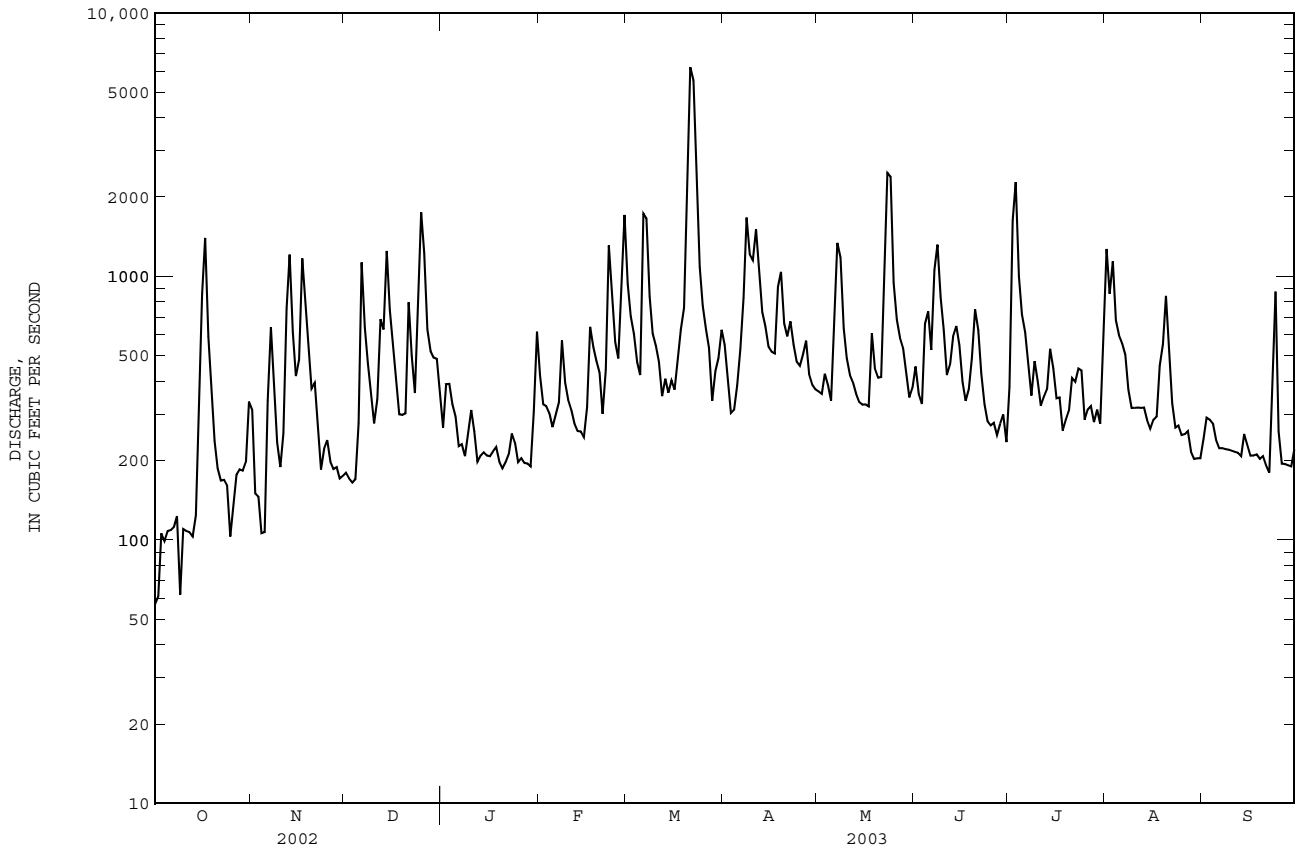
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 2003, BY WATER YEAR (WY)

MEAN	248	278	340	458	518	602	476	347	276	243	252	212
MAX	837	746	851	1002	983	1324	1249	825	728	652	824	692
(WY)	1965	1949	1962	1943	1998	1952	1964	1979	1972	1968	1995	1975
MIN	40.7	83.4	109	118	144	217	183	100	64.6	71.7	61.2	45.6
(WY)	1955	1942	1956	1956	1941	1955	1986	1941	2002	1986	1954	1954

02165000 REEDY RIVER NEAR WARE SHOALS, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1939 - 2003	
ANNUAL TOTAL	96138		184726		354	
ANNUAL MEAN	263		506		570	
HIGHEST ANNUAL MEAN					1998	
LOWEST ANNUAL MEAN					c 171 1941	
HIGHEST DAILY MEAN	2050	Sep 17	6220	Mar 21	c 8800	Mar 7 1963
LOWEST DAILY MEAN	45	a Jun 14	57	Oct 1	c 4.8	Sep 9 1973
ANNUAL SEVEN-DAY MINIMUM	49	Jun 14	93	Oct 1	c 20	Oct 15 1951
MAXIMUM PEAK FLOW			Unknown Mar 21		c 11000 Sep 14 1973	
MAXIMUM PEAK STAGE			b 17.91 Mar 21		18.71 Aug 28 1995	
ANNUAL RUNOFF (CFSM)	1.12		2.14		1.50	
ANNUAL RUNOFF (INCHES)	15.15		29.12		20.38	
10 PERCENT EXCEEDS	596		923		634	
50 PERCENT EXCEEDS	185		361		262	
90 PERCENT EXCEEDS	55		187		93	

- a Also occurred Jun. 19.
- b From floodmarks.
- c At site and datum then in use.
- e Estimated



SANTÉE 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.--No estimated daily discharges. Records good.

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	6.7	12	15	33	39	110	42	35	28	38	67	33
2	6.3	11	15	37	31	70	39	34	26	292	58	24
3	6.0	9.9	15	34	27	54	37	36	40	148	44	21
4	5.7	9.5	15	30	28	44	36	37	51	73	36	25
5	5.4	11	32	27	28	41	38	35	37	51	40	27
6	5.4	31	57	25	27	312	41	53	39	42	34	21
7	5.3	36	40	24	50	192	114	106	185	38	32	19
8	5.6	23	29	23	50	92	120	74	131	36	30	18
9	5.5	18	24	23	37	63	115	50	74	33	27	17
10	5.4	16	22	22	36	51	157	40	49	32	25	16
11	7.9	20	40	22	36	44	195	37	40	33	24	16
12	9.1	145	51	21	31	40	113	35	73	34	24	15
13	7.9	159	91	20	28	38	76	33	97	45	25	15
14	7.2	62	129	20	27	36	60	30	63	45	24	15
15	9.8	37	67	20	26	37	53	30	46	35	23	15
16	41	74	43	20	40	39	48	30	48	31	25	14
17	38	157	34	20	57	41	46	30	52	29	23	13
18	21	80	29	19	46	92	161	32	43	27	22	13
19	15	46	27	19	37	134	158	32	40	26	22	12
20	12	34	32	19	33	569	89	31	100	25	22	12
21	12	28	35	19	31	313	68	46	59	25	21	12
22	11	25	29	20	74	256	61	279	40	26	20	13
23	9.8	22	26	20	142	117	52	292	34	28	20	17
24	9.0	20	161	19	68	69	46	151	30	30	19	20
25	8.6	19	232	18	46	55	46	75	28	28	19	17
26	9.3	18	102	19	39	49	48	53	26	25	18	15
27	9.5	17	58	19	173	45	44	44	25	29	17	14
28	9.4	16	43	18	246	42	40	38	26	32	17	14
29	13	16	37	19	---	41	38	35	26	27	16	13
30	14	16	33	41	---	49	36	33	25	27	15	12
31	13	---	30	55	---	48	---	31	---	38	19	---
TOTAL	344.8	1188.4	1593	745	1533	3183	2217	1897	1581	1428	828	508
MEAN	11.1	39.6	51.4	24.0	54.8	103	73.9	61.2	52.7	46.1	26.7	16.9
MAX	41	159	232	55	246	569	195	292	185	292	67	33
MIN	5.3	9.5	15	18	26	36	36	30	25	25	15	12
CFSM	0.38	1.34	1.74	0.81	1.86	3.48	2.51	2.07	1.79	1.56	0.91	0.57
IN.	0.43	1.50	2.01	0.94	1.93	4.01	2.80	2.39	1.99	1.80	1.04	0.64

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1967 - 2003, BY WATER YEAR (WY)

	24.0	30.0	37.2	55.5	52.3	65.8	49.4	37.5	28.9	22.5	21.9	20.3
MEAN	24.0	30.0	37.2	55.5	52.3	65.8	49.4	37.5	28.9	22.5	21.9	20.3
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	28.4	21.3	11.4	5.14	4.70	3.80	5.55
(WY)	2001	2002	2002	2001	2001	1999	2001	2001	2002	2000	2002	1999

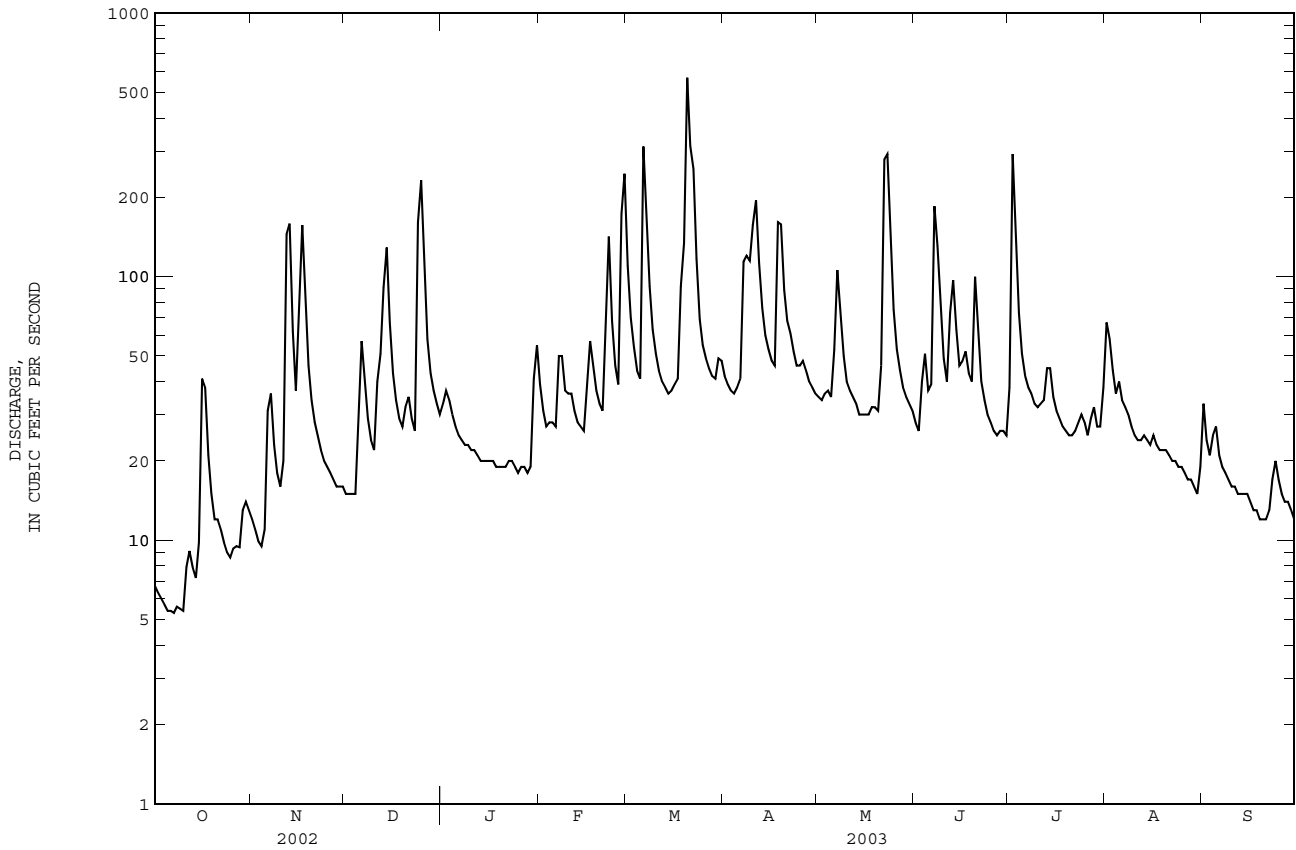
02165200 SOUTH RABON CREEK NEAR GRAY COURT, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1967 - 2003	
ANNUAL TOTAL	7885.12		17046.2		37.2	
ANNUAL MEAN	21.6		46.7		62.2	
HIGHEST ANNUAL MEAN					15.5	
LOWEST ANNUAL MEAN					2002	
HIGHEST DAILY MEAN	253	Jan 25	569	Mar 20	b 2520	Sep 14 1973
LOWEST DAILY MEAN	e 0.40	a Aug 13	5.3	Oct 7	e 0.40	a Aug 13 2002
ANNUAL SEVEN-DAY MINIMUM	0.50	Aug 9	5.5	Oct 4	0.50	Aug 9 2002
MAXIMUM PEAK FLOW			786	Mar 20	b 4100	Sep 14 1973
MAXIMUM PEAK STAGE			4.22	Mar 20	b 9.86	Sep 14 1973
ANNUAL RUNOFF (CFSM)	0.73		1.58		1.26	
ANNUAL RUNOFF (INCHES)	9.94		21.50		17.15	
10 PERCENT EXCEEDS	42		94		60	
50 PERCENT EXCEEDS	14		32		26	
90 PERCENT EXCEEDS	3.1		13		11	

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.

DAY	Precipitation, total, inches											
	WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	0.00	0.24	0.00	0.00	0.00	0.00	0.01	0.03
2	---	---	---	---	0.00	0.00	0.00	0.00	0.00	---	0.00	0.01
3	---	---	---	---	0.00	0.00	0.00	0.00	0.82	---	0.03	0.00
4	---	---	---	---	0.24	0.07	0.00	0.00	0.20	---	0.47	0.21
5	---	---	---	---	0.00	0.83	0.36	0.29	0.00	---	0.42	0.00
6	---	---	---	---	0.69	1.84	0.74	0.98	1.46	---	0.21	0.00
7	---	---	---	---	0.18	0.00	0.82	0.35	1.04	---	0.35	0.01
8	---	---	---	---	0.00	0.00	0.52	0.00	0.01	---	0.01	0.00
9	---	---	---	---	0.00	0.00	0.35	0.00	0.00	---	0.00	0.00
10	---	---	---	---	0.34	0.00	0.63	0.00	0.00	---	0.00	0.00
11	---	---	---	---	0.00	0.00	0.05	0.30	0.04	---	0.00	0.00
12	---	---	---	---	0.00	0.00	0.00	0.00	0.12	---	0.17	0.00
13	---	---	---	---	0.00	0.01	0.00	0.00	0.17	---	0.00	0.00
14	---	---	---	---	0.07	0.05	0.00	0.00	0.00	---	0.02	0.00
15	---	---	---	---	0.00	0.46	0.00	0.02	0.00	---	0.00	0.00
16	---	---	---	---	1.14	0.03	0.00	0.00	0.68	---	0.41	0.00
17	---	---	---	---	0.20	0.27	0.74	0.24	---	---	0.02	0.00
18	---	---	---	---	0.00	0.00	1.23	0.05	0.19	---	0.00	0.00
19	---	---	---	---	0.00	0.85	0.03	0.01	0.17	---	0.00	0.00
20	---	---	---	---	0.00	0.61	0.01	0.00	0.00	---	0.00	0.00
21	---	---	---	---	0.03	0.00	0.25	1.27	0.00	---	0.00	0.00
22	---	---	---	---	1.39	0.00	0.01	3.02	0.00	0.04	0.00	0.36
23	---	---	---	---	0.04	0.00	0.00	0.03	0.00	0.12	0.00	0.01
24	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	---	---	---	---	0.00	0.00	0.32	0.00	0.00	0.00	0.00	0.00
26	---	---	---	---	0.36	0.00	0.02	0.05	0.00	0.00	0.00	0.00
27	---	---	---	---	1.58	0.00	0.00	0.00	0.00	0.36	0.00	0.02
28	---	---	---	0.00	0.00	0.00	0.00	0.00	---	0.00	0.00	0.01
29	---	---	---	0.42	---	0.00	0.00	0.00	---	0.00	0.00	0.00
30	---	---	---	0.91	---	---	0.00	0.00	---	0.97	0.00	0.00
31	---	---	---	0.00	---	0.00	---	0.00	---	0.66	0.00	---
TOTAL	---	---	---	---	6.26	---	6.08	6.61	---	---	2.12	0.66

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, 440.16 ft, Apr. 18; minimum elevation, 434.49 ft, Feb. 3.

Elevation above NGVD 1929, feet
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY OBSERVATION AT 2400 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	437.04	437.03	436.96	438.33	434.54	438.10	439.29	439.01	439.12	439.09	439.29	439.12
2	437.01	436.98	436.99	438.07	434.50	438.16	439.12	438.98	439.16	439.83	439.47	438.95
3	436.96	436.98	437.02	437.80	434.59	438.08	438.91	439.08	439.10	440.00	439.60	438.83
4	436.90	437.01	437.04	437.54	434.78	437.94	438.72	439.13	439.09	439.69	439.34	438.71
5	436.87	437.07	437.05	437.27	434.89	437.80	438.56	439.13	439.11	439.56	439.11	438.59
6	436.86	437.02	437.31	436.95	434.95	440.01	438.38	439.12	439.10	439.34	438.96	438.46
7	436.82	437.13	437.26	436.64	435.07	439.87	438.73	439.74	439.30	439.13	438.90	438.31
8	436.76	437.05	437.14	436.50	435.20	439.80	439.31	439.94	439.49	438.97	438.90	438.25
9	436.71	436.86	437.01	436.32	435.19	439.80	439.81	439.86	439.60	439.07	438.98	438.21
10	436.66	436.84	437.01	436.12	435.29	439.76	439.81	439.88	439.49	439.15	439.08	438.17
11	436.69	436.95	437.04	436.09	435.28	439.59	439.90	439.88	439.28	439.03	439.14	438.12
12	436.66	437.18	437.09	436.02	435.27	439.40	439.82	439.80	439.20	438.96	439.26	438.07
13	436.63	437.37	437.35	435.81	435.22	439.21	439.78	439.70	439.22	438.90	439.19	438.03
14	436.63	437.24	437.63	435.84	435.16	439.01	439.75	439.58	439.21	438.90	439.09	437.99
15	436.77	437.10	437.67	435.75	435.16	438.86	439.70	439.46	439.12	438.82	439.08	438.01
16	437.09	437.16	437.57	435.73	435.38	438.69	439.61	439.34	439.09	439.00	439.33	437.84
17	437.42	437.37	437.38	435.50	435.65	438.60	439.52	439.24	439.05	439.04	439.26	437.76
18	437.32	437.40	437.12	435.23	435.82	438.66	439.78	439.21	439.00	438.90	439.28	437.76
19	437.12	437.29	436.93	435.16	435.98	438.93	439.73	439.12	439.02	438.83	439.26	437.75
20	436.96	437.09	437.05	435.20	435.93	440.07	439.80	439.00	439.12	438.76	439.16	437.73
21	436.97	436.99	437.18	435.22	435.67	439.94	439.90	439.10	439.08	438.96	438.95	437.63
22	436.97	436.99	437.08	435.11	435.97	439.91	439.94	440.10	439.03	439.07	438.89	437.62
23	437.01	437.04	437.04	435.09	436.48	439.91	439.90	439.81	439.01	439.08	438.97	437.63
24	437.05	437.06	437.80	434.98	436.77	439.81	439.81	439.81	439.03	438.97	438.99	437.82
25	437.06	436.98	438.71	434.90	436.79	439.78	439.75	439.85	439.00	438.95	439.01	437.69
26	437.03	436.94	439.14	434.84	436.74	439.77	439.66	439.87	439.04	438.98	439.08	437.41
27	437.07	437.00	439.18	434.72	437.04	439.74	439.56	439.81	439.09	439.01	439.07	437.11
28	437.12	437.04	439.07	434.64	437.82	439.62	439.42	439.56	439.10	439.01	438.97	436.99
29	437.08	437.06	438.92	434.61	---	439.52	439.25	439.25	439.04	439.03	439.06	436.92
30	437.04	437.00	438.74	434.65	---	439.50	439.12	439.02	438.95	438.94	439.13	436.91
31	437.11	---	438.52	434.55	---	439.42	---	439.06	---	439.13	439.22	---
MAX	437.42	437.40	439.18	438.33	437.82	440.07	439.94	440.10	439.60	440.00	439.60	439.12
MIN	436.63	436.84	436.93	434.55	434.50	437.80	438.38	438.98	438.95	438.76	438.89	436.91
(+)	6.32	6.27	6.96	5.18	6.64	7.37	7.24	7.21	7.16	7.24	7.28	6.32
(*)	+3.73	-19.3	+258	-665	+604	+273	-50.2	-11.2	-19.3	+29.9	+14.9	-405
CAL YR 2002	*	+21.9	MAX 439.32	MIN 434.61								
WTR YR 2003	*	-2.54	MAX 440.10	MIN 434.50								

(+) 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 CHAPPELLS, 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 ft above NGVD of 1929.

REMARKS.--Records good except for October 1 to December 25, which are poor.

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	797	1000	864	3040	1890	2790	2620	2330	1190	1820	2260	1850
2	569	971	595	3060	1520	2790	2600	1620	1190	6950	2810	2300
3	566	534	561	3040	969	2740	2590	1250	1920	9060	3350	1970
4	546	514	866	3030	699	2710	2590	1250	2580	8310	3810	2060
5	546	801	1210	3020	713	2700	2590	2020	2560	4440	3870	1810
6	551	1220	2000	3000	1230	4550	2600	2410	2840	3860	3300	1760
7	553	1230	2390	3000	1570	10200	2860	2540	4230	3710	2640	1760
8	560	1800	2380	1960	1560	6010	3070	4690	4660	2840	1860	1240
9	556	1650	1910	2120	1520	2880	3320	4360	4130	1530	1300	1010
10	518	781	1200	2210	1600	2750	6880	2770	3760	2380	1310	1060
11	515	1150	1200	1280	1590	2720	6760	2370	3630	3270	1320	1010
12	510	2000	2000	1280	1530	2700	5220	2380	3150	2730	2050	1020
13	514	2720	2740	2070	1400	2690	3780	2380	2630	2710	2480	995
14	526	2740	3070	1050	1350	2680	2810	2370	2760	3040	2100	922
15	523	2350	2870	1300	1330	2720	2660	2380	2740	2670	1660	1110
16	988	2240	2790	1300	1390	2780	2650	2380	2270	1110	1630	1670
17	2060	2850	2760	2000	1610	2710	2640	2380	2170	1660	2530	1160
18	2310	2810	2750	2290	1470	2820	7600	2400	2500	2390	2470	840
19	2160	2750	1900	1180	1300	2830	6990	2420	2570	2390	2460	842
20	1490	2720	1450	689	1780	10100	2990	2430	3140	2390	3060	919
21	751	1880	2010	1240	2610	17000	2740	1650	2840	1170	2780	1070
22	555	1420	2610	1280	2930	12400	3810	3890	2480	1540	1560	1110
23	513	800	1870	1290	3660	5790	2880	14500	2000	2630	1160	1300
24	529	876	2630	1300	3010	4200	2670	10800	1410	2650	1160	1380
25	539	1230	4210	1290	2700	3160	2650	4880	1410	1720	1160	2200
26	508	861	3570	1290	2650	2580	2650	2980	1330	1440	1160	2550
27	510	544	3000	1280	2680	2570	2630	3060	1310	1430	1160	2530
28	515	572	2920	1290	2780	2580	2610	3720	1370	1660	1410	1660
29	1360	584	2940	1280	---	2420	2600	3570	1700	1370	670	920
30	1020	953	3030	1990	---	2560	2430	2970	1800	1750	676	640
31	582	---	3040	2740	---	2640	---	1650	---	1330	681	---
TOTAL	24740	44551	69336	58189	51041	132770	103490	102800	74270	87950	61847	42668
MEAN	798	1485	2237	1877	1823	4283	3450	3316	2476	2837	1995	1422
MAX	2310	2850	4210	3060	3660	17000	7600	14500	4660	9060	3870	2550
MIN	508	514	561	689	699	2420	2430	1250	1190	1110	670	640
CFSM	0.68	1.27	1.91	1.60	1.56	3.66	2.95	2.83	2.12	2.42	1.71	1.22
IN.	0.79	1.42	2.20	1.85	1.62	4.22	3.29	3.27	2.36	2.80	1.97	1.36

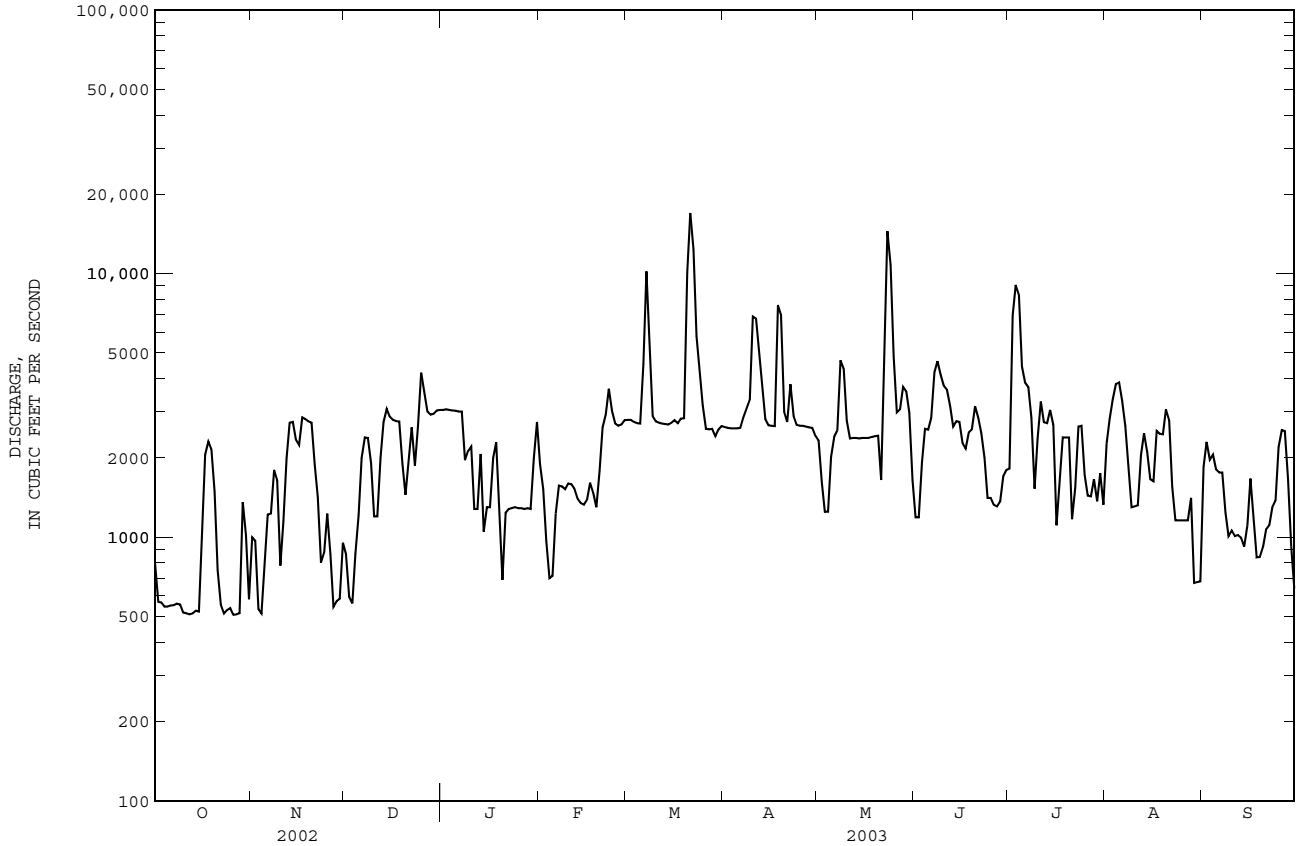
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1997 - 2003, BY WATER YEAR (WY)

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
MEAN	814	884	1351	2101	1976	2348	2084	1644	1084	1001	735	879
MAX	1175	1544	2237	3948	5071	4283	4972	3316	2476	2837	1995	1422
(WY)	1998	1998	2003	1998	1998	2003	1998	2003	2003	2003	2003	2003
MIN	350	339	527	1146	527	892	889	660	378	257	264	314
(WY)	2001	2002	2002	2001	2001	1999	2002	2001	2002	2002	2002	

02166501 LAKE GREENWOOD TAILRACE NEAR CHAPPELLE, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1997 - 2003	
ANNUAL TOTAL	350712		853652		1406	
ANNUAL MEAN	961		2339		2468	
HIGHEST ANNUAL MEAN					688	
LOWEST ANNUAL MEAN					17000	
HIGHEST DAILY MEAN	4210	Dec 25	17000	Mar 21	17000	Mar 21 2003
LOWEST DAILY MEAN	240	Sep 10	508	Oct 26	216	Dec 4 2001
ANNUAL SEVEN-DAY MINIMUM	248	Sep 8	523	Oct 9	248	Sep 8 2002
MAXIMUM PEAK FLOW			17900	a Mar 20	Unknown	Aug 28 1995
MAXIMUM PEAK STAGE			27.92	a Mar 20	32.89	Aug 28 1995
ANNUAL RUNOFF (CFSM)	0.82		2.00		1.20	
ANNUAL RUNOFF (INCHES)	11.15		27.14		16.33	
10 PERCENT EXCEEDS	2490		3640		3170	
50 PERCENT EXCEEDS	579		2200		834	
90 PERCENT EXCEEDS	259		736		354	

a Also occurred Mar. 21.



SANTEE RIVER BASIN

02166501 LAKE GREENWOOD TAILRACE NEAR CHAPPELLE, SC--Continued

PRECIPITATION RECORDS

PERIOD OF RECORD.--October 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.

DAY	Precipitation, total, inches											
	WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.01	0.06	0.00	0.23	0.00	0.03	0.00	1.64	0.01	---
2	0.00	0.00	0.00	0.03	0.00	0.01	0.00	0.00	0.00	0.71	0.10	---
3	0.00	0.01	0.00	0.01	0.00	0.02	0.00	0.00	0.30	0.00	0.37	---
4	0.00	0.05	0.02	0.00	0.17	0.01	0.01	0.00	0.10	0.00	0.00	---
5	0.00	0.66	0.08	0.00	0.00	0.08	0.32	0.15	0.00	0.00	1.38	---
6	0.00	0.16	0.00	0.00	0.46	3.02	0.11	0.77	0.94	0.00	0.32	---
7	0.00	0.00	0.00	0.00	0.17	0.55	1.14	0.11	1.14	0.03	0.22	---
8	0.00	0.00	0.01	0.00	0.00	0.00	0.77	0.00	0.00	0.00	0.01	---
9	0.05	0.00	0.00	0.00	0.00	0.00	0.70	0.00	0.00	0.00	0.00	---
10	0.06	0.02	0.21	0.00	0.65	0.02	0.63	0.00	0.00	2.32	0.16	---
11	0.30	0.78	0.17	0.00	0.00	0.00	0.08	0.05	0.00	0.17	0.00	---
12	0.00	0.95	0.00	0.00	0.00	0.00	0.01	0.00	0.14	0.00	0.81	---
13	0.02	0.01	1.06	0.00	0.00	0.09	0.00	0.00	0.00	0.71	0.00	---
14	0.01	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.06	0.00	0.01	---
15	0.88	0.00	0.00	0.00	0.00	0.63	0.00	0.16	0.00	0.00	---	---
16	0.10	0.85	0.00	0.10	0.85	0.00	0.00	0.09	0.39	0.00	---	---
17	0.00	0.24	0.00	0.00	0.13	0.43	0.46	0.01	0.00	0.00	---	0.00
18	0.00	0.00	0.00	0.00	0.00	0.24	1.73	0.07	0.38	0.06	---	0.00
19	0.00	0.00	0.03	0.00	0.00	1.00	0.00	0.00	0.00	0.02	---	0.00
20	0.23	0.00	0.35	0.00	0.00	2.05	0.00	0.00	0.00	0.00	---	0.00
21	0.00	0.00	0.00	0.26	0.00	0.01	0.84	0.85	0.00	0.22	---	0.00
22	0.00	0.00	0.00	0.00	1.23	0.00	0.00	3.58	0.00	0.10	---	0.71
23	0.00	0.00	0.00	0.09	0.02	0.00	0.00	0.02	0.00	1.05	---	0.08
24	0.02	0.00	1.76	0.00	0.00	0.00	0.00	0.01	0.00	0.00	---	0.00
25	0.08	0.00	0.39	0.00	0.00	0.00	0.27	0.00	0.00	0.00	---	0.00
26	0.00	0.00	0.00	0.00	0.25	0.09	0.14	0.00	0.00	0.00	---	0.00
27	0.00	0.00	0.00	0.00	0.33	0.00	0.00	0.09	0.05	0.98	---	0.00
28	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.21	0.01	---	0.00
29	0.38	0.00	0.00	0.31	---	0.00	0.00	0.00	0.00	0.00	---	0.00
30	0.00	0.00	0.00	1.02	---	0.70	0.00	0.00	0.00	0.01	---	0.00
31	0.01	---	0.20	0.00	---	0.00	---	0.00	---	0.19	---	---
TOTAL	2.23	3.73	4.29	1.88	4.27	9.19	7.21	6.00	3.71	8.22	---	---

02167000 SALUDA RIVER AT CHAPPELLETS, 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 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	740	917	1010	3070	2200	3050	2820	2510	1380	1740	2160	1650
2	567	1120	634	3110	1680	3080	2770	1950	1370	5450	2810	2240
3	559	562	589	3090	1290	2960	2750	1430	1810	9500	3220	1940
4	541	522	791	3070	928	2880	2750	1420	2630	8820	3880	2120
5	535	708	1270	3050	948	2850	2740	2000	2590	5170	4010	1880
6	539	1290	1920	3030	1280	6080	2770	2680	2700	3980	3600	e1840
7	538	1320	2490	3030	1800	10100	3240	2970	4550	3830	2710	e1830
8	550	1720	2460	2300	1790	7720	3580	4490	5160	3280	2190	e1300
9	553	1880	2150	2030	1690	3500	4130	5030	4490	1680	1480	1180
10	516	937	1250	2510	1910	3020	7080	3050	3930	2350	1490	1220
11	511	1020	1260	1460	1880	2930	7870	2490	3720	3730	1560	1180
12	506	2070	1910	1450	1710	2890	5980	2500	3340	2980	2090	1180
13	507	2950	2960	2030	1600	2870	4260	2490	2660	2930	3000	1170
14	515	2870	3450	1410	1530	2870	3140	2480	2800	3540	2280	1010
15	525	2600	3040	1420	1520	3020	2860	2490	2770	2900	1780	1080
16	889	2120	2860	1430	1640	3130	2820	2490	2480	1590	1640	1660
17	1910	3110	2800	1940	2090	2980	2810	2490	2060	1580	2680	1280
18	2360	3020	2780	2470	1820	3280	6020	2510	2530	2550	2500	919
19	2290	2890	2090	1530	1560	3220	9010	2550	2670	2580	2480	918
20	1500	2830	1420	844	1810	9020	3880	2570	3030	2590	2910	969
21	825	2110	1860	1370	2740	20500	3080	1960	3040	1590	2950	1100
22	577	1410	2700	1450	3310	15300	4760	3660	2500	1450	1840	1150
23	521	976	2060	1470	4320	7450	3430	14000	2170	2740	1340	1270
24	523	809	2930	1480	3500	4680	2930	12500	1430	2960	1340	1360
25	564	1240	5050	1470	2920	3690	2870	6420	1430	1960	1340	1940
26	518	1020	4180	1460	2810	2800	2880	3510	1360	1570	1340	2450
27	511	574	3270	1460	2890	2760	2840	3040	1310	1550	1330	2390
28	527	594	3080	1460	3060	2740	2790	3870	1360	1820	1610	1780
29	1260	615	3040	1450	---	2590	2760	3690	1590	1520	823	1050
30	1190	883	3070	2030	---	2740	2560	3210	1710	1850	831	724
31	619	---	3070	3110	---	2870	---	1970	---	1480	834	---
TOTAL	24786	46687	73444	62484	58226	149570	114180	110420	76570	93260	66048	43780
MEAN	800	1556	2369	2016	2080	4825	3806	3562	2552	3008	2131	1459
MAX	2360	3110	5050	3110	4320	20500	9010	14000	5160	9500	4010	2450
MIN	506	522	589	844	928	2590	2560	1420	1310	1450	823	724
CFSM	0.59	1.14	1.74	1.48	1.53	3.55	2.80	2.62	1.88	2.21	1.57	1.07
IN.	0.68	1.28	2.01	1.71	1.59	4.09	3.12	3.02	2.09	2.55	1.81	1.20

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1927 - 2003, BY WATER YEAR (WY)

MEAN	1445	1395	1861	2566	2619	2942	2538	1789	1462	1241	1377	1284
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

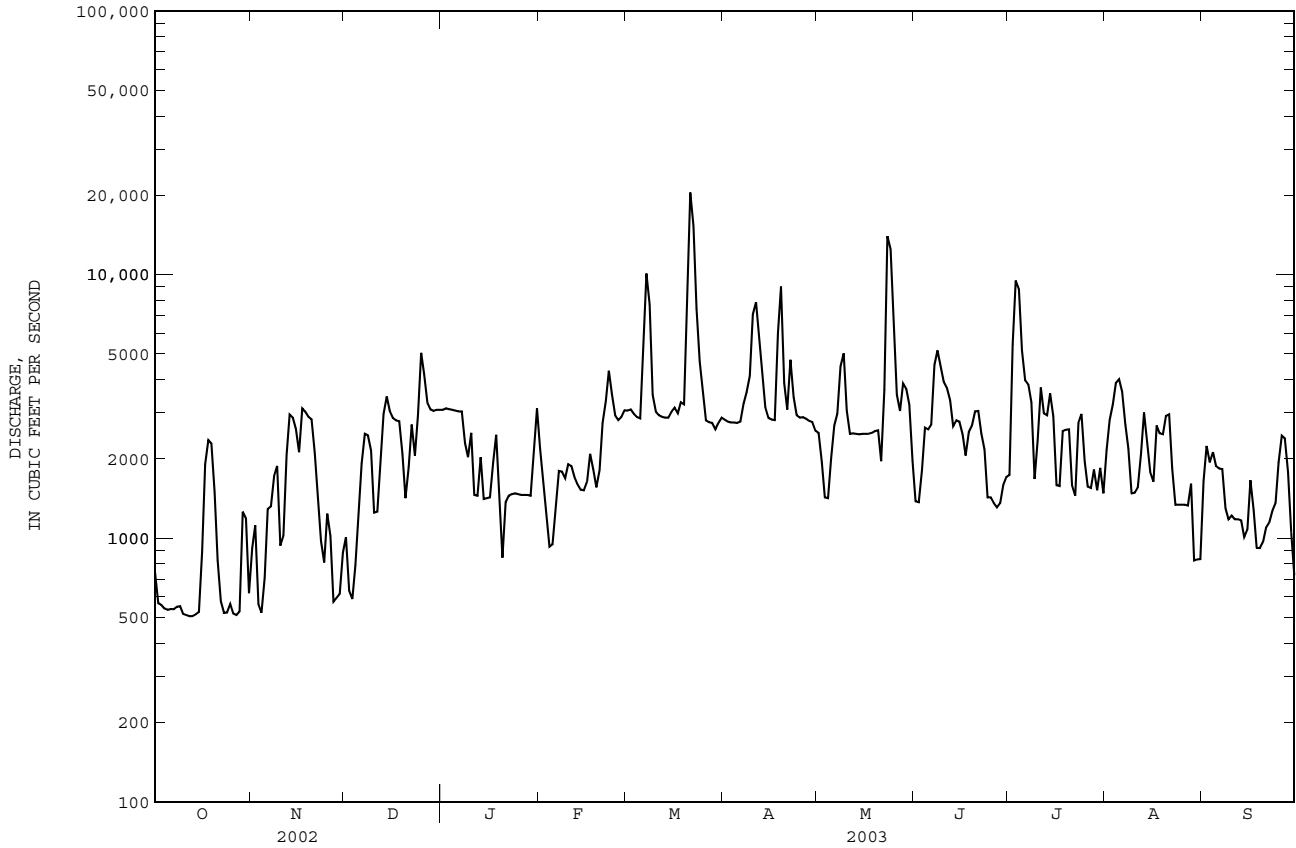
02167000 SALUDA RIVER AT CHAPPELLE, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1927 - 2003	
ANNUAL TOTAL	375984		919455		1873	
ANNUAL MEAN	1030		2519		3110	
HIGHEST ANNUAL MEAN					732	
LOWEST ANNUAL MEAN					1929	
HIGHEST DAILY MEAN	5050	Dec 25	20500	Mar 21	56700	Oct 3 1929
LOWEST DAILY MEAN	276	Jul 6	506	Oct 12	8.0	Oct 29 1939
ANNUAL SEVEN-DAY MINIMUM	278	Jul 5	519	Oct 9	23	Jun 29 1940
MAXIMUM PEAK FLOW			21700	Mar 21	a 63700	Oct 2 1929
MAXIMUM PEAK STAGE			22.96	Mar 21	b 32.50	Oct 2 1929
ANNUAL RUNOFF (CFSM)	0.76		1.85		1.38	
ANNUAL RUNOFF (INCHES)	10.28		25.15		18.72	
10 PERCENT EXCEEDS	2640		3870		3780	
50 PERCENT EXCEEDS	634		2240		1370	
90 PERCENT EXCEEDS	286		829		488	

a From rating curve extended logarithmically above 29,000 ft³/s.

b Adjusted to present datum.

e Estimated



SANTEE RIVER BASIN

293

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 good except for estimated daily discharges, which are poor.

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	23	41	48	107	373	1050	251	148	139	107	108	64
2	21	32	46	119	180	528	199	140	127	659	132	64
3	20	28	44	106	117	367	178	132	122	1380	100	60
4	17	26	44	90	98	270	164	124	173	786	114	58
5	16	27	64	75	134	231	155	121	167	258	103	68
6	15	71	189	67	101	1810	162	159	134	174	176	74
7	14	137	155	60	277	4470	399	245	434	139	604	59
8	13	74	102	57	504	2680	862	275	855	130	428	57
9	14	51	84	56	245	648	1100	179	370	125	296	57
10	16	41	74	53	330	378	2030	144	221	108	181	54
11	22	86	84	49	339	295	2320	127	173	192	142	52
12	25	348	117	44	192	247	1270	123	152	190	122	49
13	31	391	362	43	134	213	497	116	213	156	139	47
14	22	213	748	44	108	196	330	105	175	363	139	47
15	22	115	479	46	101	211	263	105	161	283	107	45
16	43	116	221	46	201	273	224	108	149	153	98	45
17	92	378	150	48	824	252	200	110	249	130	133	43
18	56	378	117	50	569	526	748	162	290	127	131	41
19	35	181	102	46	299	665	e5300	137	530	109	100	40
20	28	119	112	46	210	2780	2590	133	273	113	89	38
21	27	99	153	48	178	4710	643	117	210	105	83	37
22	29	86	119	71	478	2710	687	595	152	93	78	39
23	27	75	101	73	1450	773	399	3550	131	101	73	51
24	25	67	481	64	851	373	289	e1430	118	129	70	57
25	23	63	1530	59	339	285	260	e496	110	104	69	47
26	23	60	1640	60	253	238	266	e263	102	88	68	43
27	24	57	622	66	321	211	238	e236	98	84	65	42
28	23	53	289	59	769	192	195	231	96	92	62	42
29	34	51	212	58	---	178	175	195	108	94	60	39
30	64	50	148	379	---	209	160	170	101	78	59	37
31	60	---	114	896	---	360	---	152	---	82	66	---
TOTAL	904	3514	8751	3085	9975	28329	22554	10328	6333	6732	4195	1496
MEAN	29.2	117	282	99.5	356	914	752	333	211	217	135	49.9
MAX	92	391	1640	896	1450	4710	5300	3550	855	1380	604	74
MIN	13	26	44	43	98	178	155	105	96	78	59	37
CFSM	0.13	0.51	1.23	0.43	1.55	3.97	3.27	1.45	0.92	0.94	0.59	0.22
IN.	0.15	0.57	1.42	0.50	1.61	4.58	3.65	1.67	1.02	1.09	0.68	0.24

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 2003, BY WATER YEAR (WY)

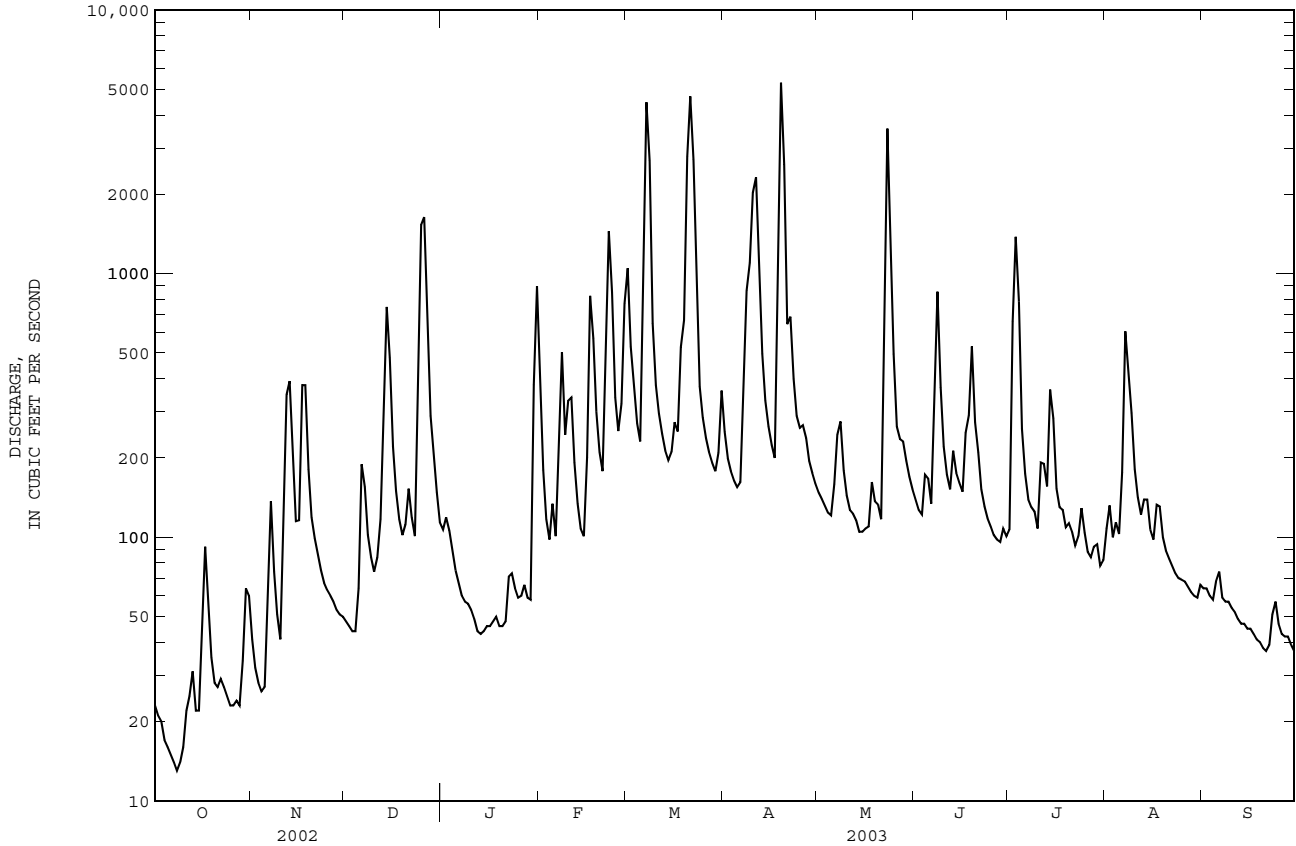
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
MEAN	106	156	191	289	382	446	255	152	128	75.0	95.3	63.0		
MAX	369	572	592	658	714	914	752	333	619	217	359	172		
(WY)	1991	1993	1995	1993	1995	2003	2003	2003	1994	2003	1994	2000		
MIN	14.1	29.4	39.0	67.9	72.3	131	103	40.3	22.2	13.0	5.54	19.4		
(WY)	2002	2002	2002	2001	2001	1999	2000	2001	2002	2002	2002	1999		

SANTEE RIVER BASIN

02167450 LITTLE RIVER NEAR SILVERSTREET, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1990 - 2003	
ANNUAL TOTAL	39003.24		106196		196	
ANNUAL MEAN	107		291		304	
HIGHEST ANNUAL MEAN					77.7	
LOWEST ANNUAL MEAN					1993	
HIGHEST DAILY MEAN	1640	Dec 26	e 5300	Apr 19	5600	Feb 3 1996
LOWEST DAILY MEAN	0.71	Aug 14	13	Oct 8	0.71	Aug 14 2002
ANNUAL SEVEN-DAY MINIMUM	1.2	Aug 9	15	Oct 4	1.2	Aug 9 2002
MAXIMUM PEAK FLOW			Unknown		Unknown	
MAXIMUM PEAK STAGE			15.73		15.73	
ANNUAL RUNOFF (CFSM)	0.46		1.26		0.85	
ANNUAL RUNOFF (INCHES)	6.31		17.18		11.59	
10 PERCENT EXCEEDS	217		599		347	
50 PERCENT EXCEEDS	53		122		94	
90 PERCENT EXCEEDS	6.9		41		29	

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.--Records fair except for estimated daily discharges, which are poor.

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	2.6	8.6	4.5	6.3	20	34	14	4.3	1.1	5.8	21	1.2
2	2.0	5.9	4.7	6.8	10	34	9.5	3.9	0.79	318	15	1.1
3	1.7	5.4	4.7	5.2	4.9	25	5.6	4.2	1.0	51	11	1.1
4	1.5	5.7	6.5	4.0	16	18	4.1	4.6	9.3	28	10	1.9
5	1.3	11	36	3.3	17	21	5.7	4.1	3.1	22	12	3.5
6	1.3	48	34	2.6	8.0	588	11	25	6.5	15	28	6.3
7	1.1	22	16	2.2	53	96	105	40	110	10	26	3.6
8	0.81	9.7	8.2	2.1	26	36	50	23	58	7.9	46	2.3
9	0.86	6.7	5.0	2.3	15	25	134	9.7	15	6.4	23	2.0
10	0.97	5.6	3.7	2.5	23	19	242	5.5	3.9	5.2	13	1.8
11	1.6	e76	18	2.5	20	12	109	6.8	2.4	13	10	1.6
12	0.95	e165	18	2.0	9.7	8.2	39	6.8	4.0	20	7.1	1.3
13	1.6	e49	100	2.6	4.9	6.1	21	3.8	35	17	13	1.2
14	2.2	e12	67	2.4	3.7	4.5	10	2.8	6.7	38	11	1.2
15	9.5	e12	24	2.5	4.1	12	5.4	2.8	3.4	22	6.7	1.2
16	38	e37	14	1.6	42	26	3.4	2.9	3.0	19	5.2	1.2
17	19	e58	11	2.3	55	22	4.3	3.0	5.8	13	7.0	1.2
18	3.7	e20	6.1	3.0	26	118	e730	5.1	15	9.7	6.0	1.2
19	1.3	e8.6	4.6	2.8	17	53	134	7.1	26	7.1	4.2	1.1
20	0.99	e7.1	29	2.5	9.9	617	43	6.6	26	5.0	3.1	1.1
21	1.0	5.2	23	2.7	6.8	106	31	5.3	6.9	4.1	2.6	1.1
22	1.0	4.2	12	3.7	152	37	31	e420	2.2	3.3	2.2	2.3
23	1.2	3.1	7.2	4.7	104	24	22	294	1.3	3.5	2.0	3.3
24	1.6	2.9	211	4.0	30	16	14	55	0.86	5.5	e2.0	2.8
25	2.5	2.7	175	4.2	21	10	17	e31	0.67	5.3	e1.8	3.0
26	2.6	2.5	38	4.4	14	7.6	24	e13	0.47	3.6	e1.6	2.5
27	3.1	2.4	23	5.4	100	6.3	16	e12	0.39	2.9	1.5	1.8
28	3.9	2.3	14	4.0	106	4.8	9.1	6.2	0.56	2.6	1.3	1.4
29	9.1	2.5	8.6	3.8	---	4.5	7.1	2.9	0.95	3.2	1.3	1.2
30	21	3.7	5.6	57	---	41	5.5	1.6	0.96	3.0	3.9	1.1
31	15	---	4.3	41	---	31	---	1.5	---	2.6	1.3	---
TOTAL	154.98	604.8	936.7	196.4	919.0	2063.0	1856.7	1014.5	351.25	672.7	299.8	57.6
MEAN	5.00	20.2	30.2	6.34	32.8	66.5	61.9	32.7	11.7	21.7	9.67	1.92
MAX	38	165	211	57	152	617	730	420	110	318	46	6.3
MIN	0.81	2.3	3.7	1.6	3.7	4.5	3.4	1.5	0.39	2.6	1.3	1.1
CFSM	0.45	1.82	2.72	0.57	2.96	6.00	5.58	2.95	1.05	1.95	0.87	0.17
IN.	0.52	2.03	3.14	0.66	3.08	6.91	6.22	3.40	1.18	2.25	1.00	0.19

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1995 - 2003, BY WATER YEAR (WY)

	1995	1996	1997	1998	1999	2000	2001	2002	2003
MEAN	8.07	11.7	12.2	18.5	24.9	31.9	27.1	11.8	6.00
MAX	22.8	31.2	30.2	43.0	50.1	66.5	61.9	32.7	11.7
(WY)	1997	1996	2003	1998	1998	2003	2003	2003	2003
MIN	0.30	1.13	1.51	4.61	4.79	10.1	3.58	2.90	0.063
(WY)	2002	2002	2002	2001	2001	1999	2001	2001	2002

SANTEE RIVER BASIN

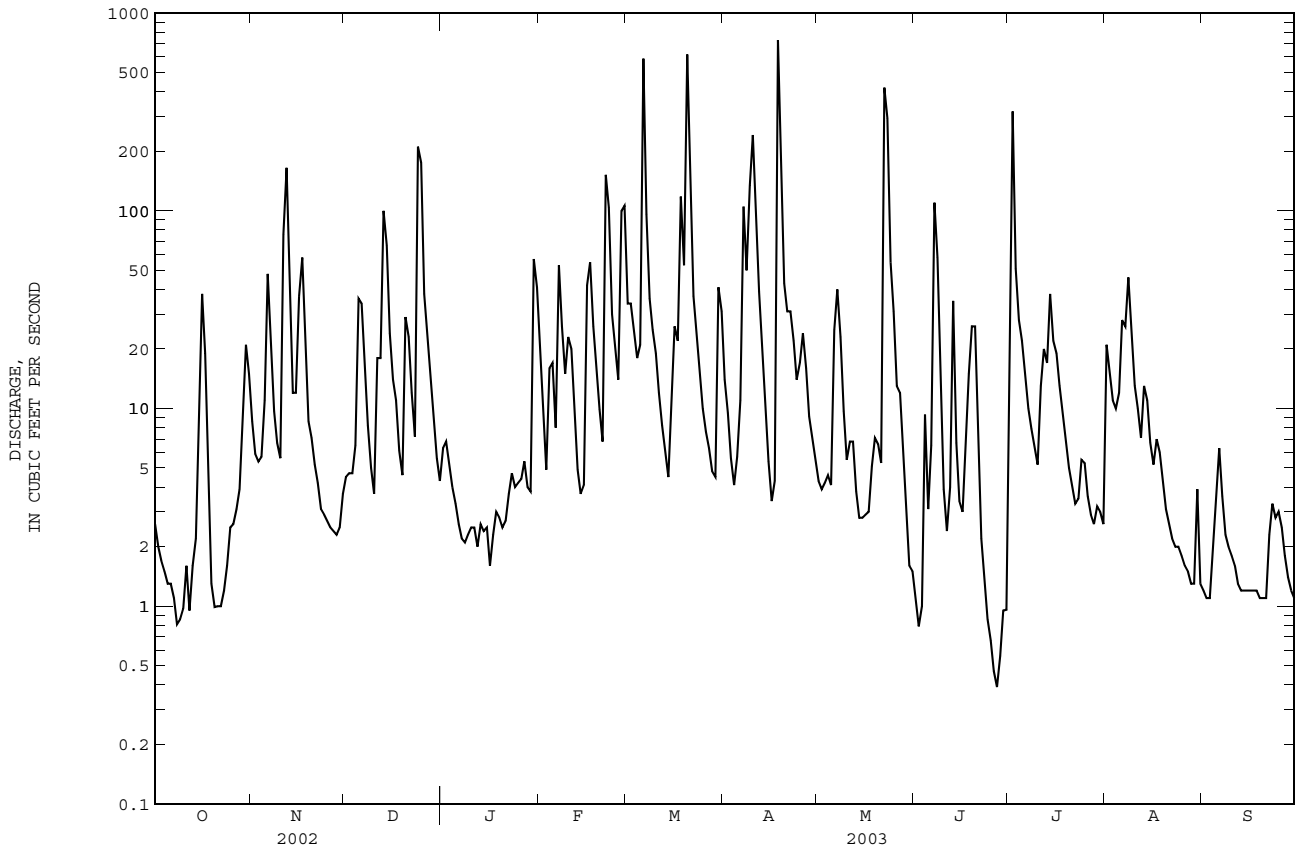
02167557 BUSH RIVER AT JOANNA, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1995 - 2003	
ANNUAL TOTAL	3586.02		9127.43		14.2	
ANNUAL MEAN	9.82		25.0		25.0	
HIGHEST ANNUAL MEAN					2003	
LOWEST ANNUAL MEAN					5.42	
HIGHEST DAILY MEAN	211	Dec 24	730	Apr 18	730	Apr 18 2003
LOWEST DAILY MEAN	0.00	a Jun 18	0.39	Jun 27	0.00	b Aug 28 2001
ANNUAL SEVEN-DAY MINIMUM	0.00	Jul 25	0.69	Jun 24	0.00	Aug 28 2001
MAXIMUM PEAK FLOW			Unknown		Unknown	
MAXIMUM PEAK STAGE			Apr 18		Apr 18 2003	
ANNUAL RUNOFF (CFSM)	0.89		9.49		9.49	
ANNUAL RUNOFF (INCHES)	12.02		30.59		17.37	
10 PERCENT EXCEEDS	24		47		25	
50 PERCENT EXCEEDS	2.4		6.1		5.0	
90 PERCENT EXCEEDS	0.01		1.3		0.77	

a Also occurred many days in June, July, and August.

b Also occurred many days in 2001 and 2002.

e Estimated



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.

DAY	Precipitation, total, inches											
	WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.11	0.00	0.21	0.00	0.01	0.00	1.36	0.00	0.00
2	0.00	0.00	0.00	0.05	0.00	0.02	0.00	0.04	0.04	1.10	0.05	0.00
3	0.00	0.03	0.00	0.01	0.00	0.01	0.00	0.00	0.19	0.01	0.31	0.00
4	0.00	0.05	0.12	0.00	0.23	0.05	0.00	0.00	0.05	0.00	0.00	0.51
5	0.00	0.26	0.08	0.00	0.00	0.34	0.18	0.16	0.00	0.00	0.17	0.00
6	0.00	0.10	0.00	0.00	0.47	2.00	0.39	0.57	---	0.00	0.08	0.00
7	0.08	0.00	0.00	0.00	0.21	0.05	1.09	0.06	---	0.03	0.45	0.03
8	0.01	0.00	0.00	0.00	0.00	0.00	0.72	0.02	---	0.00	0.00	0.08
9	0.06	0.00	0.00	0.00	0.00	0.03	0.61	0.00	---	0.00	0.01	0.00
10	0.01	---	0.16	0.00	0.29	0.00	0.80	0.01	---	0.35	0.00	0.02
11	0.37	---	0.17	0.00	0.00	0.00	0.10	0.01	---	0.56	0.00	0.00
12	0.01	---	0.00	0.00	0.00	0.00	0.00	0.01	---	0.01	0.00	0.00
13	0.03	---	1.13	0.00	0.00	0.00	0.00	0.00	---	0.91	0.01	0.00
14	0.00	---	0.01	0.00	---	0.03	0.00	0.02	---	0.01	0.00	0.00
15	0.51	---	0.00	0.00	---	0.53	0.00	0.07	---	0.00	0.00	0.00
16	0.11	---	0.00	0.11	---	0.02	0.00	0.05	---	0.00	0.03	0.00
17	0.01	---	0.00	0.00	---	0.60	0.51	0.00	0.00	0.00	---	0.00
18	0.00	---	0.00	0.00	---	0.28	2.48	0.00	0.76	0.00	0.00	0.00
19	0.00	---	0.04	0.00	---	0.88	0.00	0.00	0.73	0.00	---	0.00
20	0.07	---	0.45	0.00	---	1.53	0.00	0.00	0.01	0.00	---	0.01
21	0.02	0.00	0.00	0.15	0.00	0.00	0.20	0.00	0.00	0.00	---	0.02
22	0.01	0.00	0.00	0.01	1.28	0.01	0.01	---	0.00	0.05	---	0.57
23	0.00	0.00	0.00	0.03	0.05	0.00	0.00	---	0.00	0.36	---	0.08
24	0.04	0.00	0.66	0.04	0.00	0.00	0.00	---	0.00	0.01	---	0.00
25	0.10	0.00	0.16	0.10	0.00	0.00	0.39	---	0.00	0.00	---	0.00
26	0.00	0.00	0.00	0.00	0.29	0.05	0.01	---	0.00	0.00	---	0.00
27	0.00	0.00	0.01	0.00	0.53	0.00	0.00	---	0.00	0.11	---	0.00
28	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.39	---	---	0.00
29	0.08	0.00	0.00	0.36	---	0.00	0.00	0.02	0.00	0.00	0.00	0.00
30	0.05	0.00	0.00	0.61	---	---	0.00	0.02	0.22	0.06	0.69	0.00
31	0.02	---	0.07	0.00	---	0.00	---	0.00	---	0.24	0.00	---
TOTAL	1.78	---	3.06	1.58	---	---	7.49	---	---	---	---	1.32

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 good except for estimated daily discharges, which are poor.

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	15	27	10	46	138	233	98	35	26	32	72	17
2	13	21	9.3	44	76	163	69	32	23	379	35	15
3	11	16	8.9	40	55	106	59	29	22	379	38	12
4	10	13	8.8	36	54	80	54	27	31	253	34	11
5	8.7	21	73	32	52	73	52	27	33	75	44	12
6	7.3	84	93	30	52	e1340	54	59	34	50	108	14
7	6.7	62	74	27	141	1130	214	93	249	40	128	13
8	6.2	54	45	26	116	631	247	89	349	35	82	14
9	5.7	32	31	26	85	176	537	59	145	31	70	14
10	7.9	23	24	24	165	120	973	40	68	32	52	13
11	116	148	55	22	103	93	755	31	46	80	41	12
12	34	402	44	21	75	78	429	28	38	42	34	11
13	19	334	286	20	55	71	155	27	45	52	34	9.9
14	14	116	364	20	49	65	100	24	62	109	29	9.3
15	21	60	189	20	44	104	78	25	48	73	29	9.0
16	89	109	81	20	100	145	67	25	39	50	29	12
17	60	262	52	22	204	132	60	24	82	37	40	11
18	48	147	41	20	163	418	685	25	68	34	30	9.1
19	28	84	36	19	91	227	1110	28	242	31	26	8.7
20	19	53	57	19	69	e1880	628	28	90	34	23	8.6
21	19	40	50	20	56	e1500	171	27	75	28	21	8.5
22	15	32	57	28	308	524	168	284	49	25	19	8.5
23	12	25	42	26	606	151	98	765	36	34	18	18
24	11	21	408	24	325	103	72	685	29	45	16	22
25	10	18	768	22	116	82	74	189	25	32	14	15
26	14	16	471	24	75	71	72	98	23	26	13	12
27	11	14	177	22	178	64	61	81	20	25	13	12
28	11	13	82	21	211	61	53	66	20	23	12	11
29	76	12	60	21	---	57	44	50	23	21	11	9.6
30	62	11	48	206	---	101	38	37	23	19	10	8.5
31	31	---	42	241	---	112	---	31	---	24	10	---
TOTAL	811.5	2270	3787.0	1189	3762	10091	7275	3068	2063	2150	1135	360.7
MEAN	26.2	75.7	122	38.4	134	326	242	99.0	68.8	69.4	36.6	12.0
MAX	116	402	768	241	606	1880	1110	765	349	379	128	22
MIN	5.7	11	8.8	19	44	57	38	24	20	19	10	8.5
CFSM	0.42	1.22	1.96	0.62	2.16	5.23	3.90	1.59	1.11	1.12	0.59	0.19
IN.	0.49	1.36	2.26	0.71	2.25	6.04	4.35	1.83	1.23	1.29	0.68	0.22

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2003, BY WATER YEAR (WY)

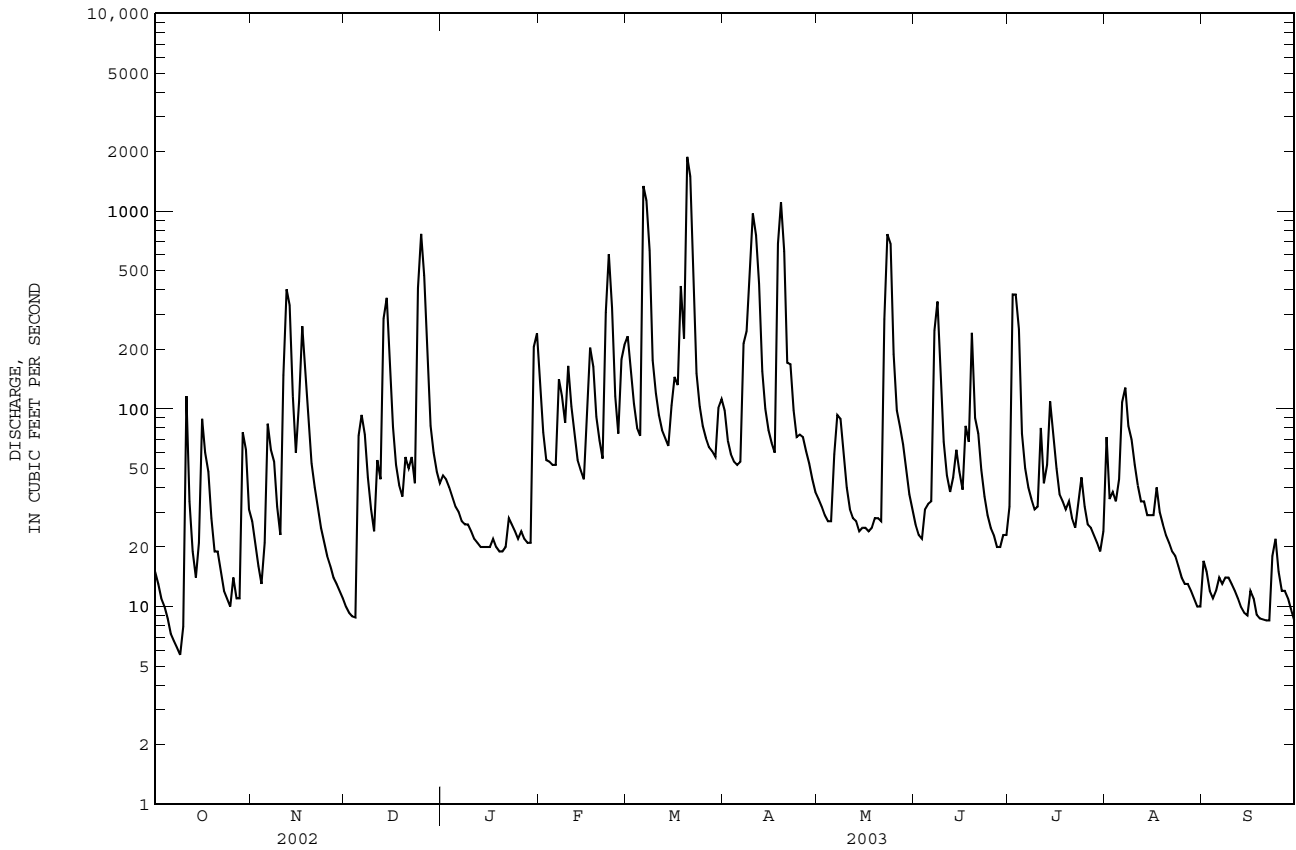
	1999	2000	2001	2002	2003
MEAN	13.3	31.5	42.8	51.1	75.9
MAX	26.2	75.7	122	91.2	134
(WY)	2003	2003	2003	2000	2003
MIN	4.09	9.53	13.1	23.8	29.1
(WY)	2002	2002	2002	2001	2001

02167563 BUSH RIVER AT NEWBERRY, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1999 - 2003	
ANNUAL TOTAL	16277.87		37962.2			
ANNUAL MEAN	44.6		104		49.2	
HIGHEST ANNUAL MEAN					104	2003
LOWEST ANNUAL MEAN					28.0	2002
HIGHEST DAILY MEAN	768	Dec 25	e 1880	Mar 20	e 1880	Mar 20 2003
LOWEST DAILY MEAN	0.00	a Aug 12	5.7	Oct 9	0.00	a Aug 12 2002
ANNUAL SEVEN-DAY MINIMUM	0.01	Aug 8	7.5	Oct 4	0.01	Aug 8 2002
MAXIMUM PEAK FLOW			Unknown	Mar 20	Unknown	Mar 20 2003
MAXIMUM PEAK STAGE			16.90	Mar 20	16.90	Mar 20 2003
ANNUAL RUNOFF (CFSM)	0.72		1.67		0.79	
ANNUAL RUNOFF (INCHES)	9.74		22.70		10.76	
10 PERCENT EXCEEDS	105		236		92	
50 PERCENT EXCEEDS	19		40		19	
90 PERCENT EXCEEDS	2.4		12		3.8	

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 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 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	23	40	26	85	198	310	e147	e58	47	51	158	24
2	21	34	25	80	115	292	e105	e54	41	571	66	26
3	19	28	25	74	88	168	e90	e49	40	474	69	34
4	17	25	24	64	84	126	e83	e45	48	367	57	22
5	16	40	89	56	81	114	e80	e43	52	100	72	24
6	14	138	136	51	76	2480	e78	e93	53	69	457	22
7	13	87	99	48	213	2180	e314	146	378	55	697	21
8	13	78	70	47	159	1020	390	132	484	48	192	21
9	13	46	50	47	124	323	1070	e100	204	44	107	22
10	19	35	42	45	330	205	1740	e64	e95	53	84	21
11	300	154	116	42	184	153	1240	e49	e78	140	63	20
12	75	599	85	39	119	127	611	e44	e51	66	49	18
13	36	479	573	38	91	121	239	e46	e60	59	45	18
14	27	174	531	38	79	111	144	e43	e86	155	57	16
15	38	102	253	37	74	202	111	e44	e61	94	107	15
16	146	177	137	37	191	264	97	e44	e55	71	617	16
17	89	423	88	42	357	216	88	e42	e105	52	493	19
18	67	217	68	37	252	726	989	e43	153	47	107	e16
19	40	133	58	35	147	357	1560	e45	331	46	66	e16
20	30	90	105	34	110	3240	1020	e52	127	46	48	e16
21	32	e74	88	36	93	2510	280	49	101	40	41	e15
22	28	e59	84	68	527	862	359	468	73	40	35	e13
23	24	e50	65	49	785	285	169	1140	56	78	31	30
24	22	e38	827	44	428	187	127	820	46	99	29	27
25	22	36	1110	41	183	e140	146	321	43	66	28	23
26	29	33	585	42	118	e116	136	143	38	52	26	19
27	22	32	295	40	263	e101	e113	111	34	50	25	18
28	20	29	137	37	327	e95	e82	95	41	50	24	18
29	164	27	102	38	---	e88	e72	76	40	43	23	16
30	105	27	85	358	---	e145	e63	64	37	68	22	15
31	51	---	76	387	---	e156	---	55	---	71	21	---
TOTAL	1535	3504	6054	2116	5796	17420	11743	4578	3058	3265	3916	601
MEAN	49.5	117	195	68.3	207	562	391	148	102	105	126	20.0
MAX	300	599	1110	387	785	3240	1740	1140	484	571	697	34
MIN	13	25	24	34	74	88	63	42	34	40	21	13
CFSM	0.43	1.02	1.70	0.59	1.80	4.89	3.40	1.28	0.89	0.92	1.10	0.17
IN.	0.50	1.13	1.96	0.68	1.87	5.63	3.80	1.48	0.99	1.06	1.27	0.19

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 2003, BY WATER YEAR (WY)

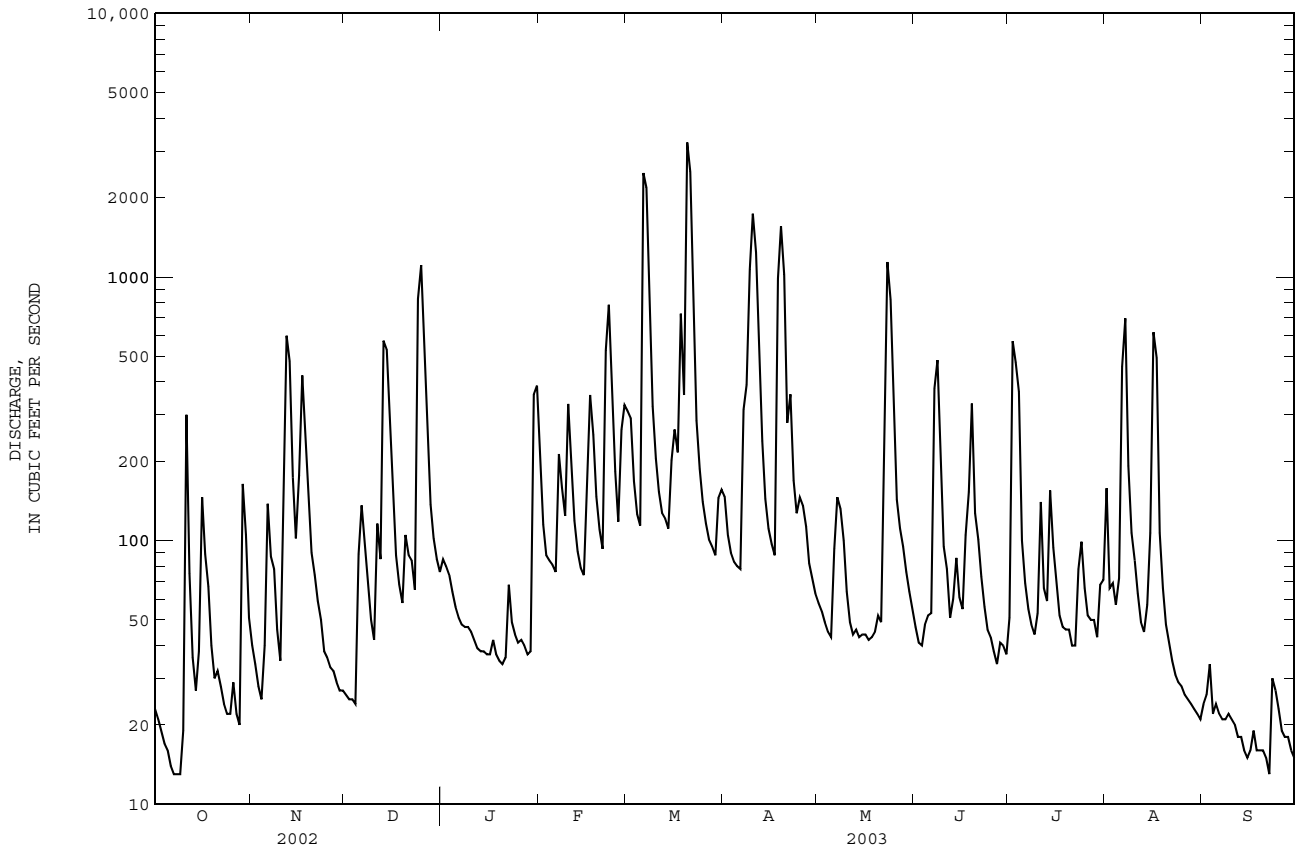
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
MEAN	80.3	86.1	98.2	182	210	237	123	68.4	69.4	40.7	57.0	46.0		
MAX	294	338	300	407	405	562	391	148	284	105	190	114		
(WY)	1991	1993	1995	1995	1998	2003	2003	2003	1994	2003	1994	1998		
MIN	8.38	14.3	18.5	36.5	44.0	75.6	48.5	19.5	8.59	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 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1990 - 2003	
ANNUAL TOTAL	25739.6		63586		110	
ANNUAL MEAN	70.5		174		178	
HIGHEST ANNUAL MEAN					43.6	
LOWEST ANNUAL MEAN					178	
HIGHEST DAILY MEAN	1110	Dec 25	3240	Mar 20	4330	Jan 15 1995
LOWEST DAILY MEAN	3.2	Aug 12	13	a Oct 7	3.2	Aug 12 2002
ANNUAL SEVEN-DAY MINIMUM	3.9	Aug 7	15	Oct 3	3.9	Aug 7 2002
MAXIMUM PEAK FLOW			4620		5570	
MAXIMUM PEAK STAGE			15.41		16.06	
ANNUAL RUNOFF (CFSM)	0.61		1.51		0.95	
ANNUAL RUNOFF (INCHES)	8.33		20.57		12.96	
10 PERCENT EXCEEDS	153		388		208	
50 PERCENT EXCEEDS	30		69		46	
90 PERCENT EXCEEDS	6.0		22		16	

a Also occurred Oct. 8, 9 and Sep. 22.

e Estimated



SANTÉE 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.--USGS mini-monitor and data collection platform.

REMARKS.--Temperature records rated excellent except for May 6-20 and Aug. 7-10, which are good, July 15 to Aug. 6, which are fair, and Mar. 10 to Apr. 2, which are poor. Dissolved oxygen records rated good except for Feb. 15-17, and Sep. 1-5, 24-30, which are fair, and Feb. 18 to Mar. 4, Apr. 5-13, and Apr. 21 to May 20, 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, 29.9 C, Aug. 30, Sep. 1; minimum, 5.6°C, Jan. 25.

DISSOLVED OXYGEN: Maximum, 11.5 mg/L, Dec. 5; minimum, 2.5 mg/L, May 4.

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	25.6	24.6	25.1	17.9	17.6	17.8	---	---	---	9.3	8.2	8.7
2	26.7	25.0	26.1	18.4	17.0	17.7	---	---	---	9.3	8.9	9.1
3	27.9	26.6	27.0	17.0	16.2	16.6	---	---	---	9.7	9.0	9.2
4	27.7	26.4	27.1	16.3	15.9	16.2	---	---	---	9.7	8.8	9.2
5	27.8	27.1	27.5	16.0	15.4	15.8	---	---	---	9.2	8.0	8.6
6	28.3	27.3	27.6	15.7	14.1	15.0	---	---	---	8.9	8.2	8.6
7	28.6	27.6	28.1	16.5	15.7	16.0	10.7	9.8	10.3	8.8	8.2	8.6
8	28.2	27.3	27.6	16.5	14.7	15.5	---	---	---	8.6	7.3	7.8
9	27.3	25.5	26.3	15.4	14.8	15.2	10.4	9.3	10.0	8.5	7.5	7.9
10	26.0	24.3	25.2	16.1	15.3	15.6	10.4	9.5	9.9	9.6	8.5	9.0
11	25.3	24.3	24.8	17.2	16.1	16.7	9.8	9.3	9.6	9.7	8.7	9.2
12	25.7	23.7	24.3	17.6	17.0	17.4	9.8	9.3	9.6	9.1	8.0	8.6
13	25.7	24.1	25.4	17.0	16.3	16.6	10.6	9.4	9.9	8.2	7.4	7.9
14	25.4	24.5	24.9	16.9	15.4	16.2	9.8	9.3	9.5	8.6	7.5	8.1
15	24.6	22.8	23.8	16.2	14.8	15.5	9.8	9.1	9.6	8.8	7.9	8.3
16	---	---	---	15.6	15.2	15.4	9.7	8.5	9.2	8.3	6.9	7.7
17	---	---	---	15.6	15.3	15.5	---	---	---	8.4	7.6	8.0
18	19.6	18.7	19.0	15.6	14.5	15.1	10.0	9.5	9.8	8.7	7.8	8.2
19	19.6	18.9	19.3	15.2	13.8	14.4	10.1	9.7	9.9	8.0	6.9	7.3
20	19.6	18.4	19.2	14.6	14.1	14.3	---	---	---	7.3	5.8	6.5
21	19.8	19.3	19.5	14.7	14.3	14.6	---	---	---	8.4	6.3	7.0
22	20.2	19.7	19.9	14.9	14.4	14.7	---	---	---	9.2	8.4	8.8
23	19.7	18.9	19.3	15.0	13.5	14.3	---	---	---	8.8	7.6	8.4
24	19.0	18.5	18.8	15.0	13.4	13.7	---	---	---	7.6	6.2	6.8
25	18.7	18.4	18.6	13.4	12.3	12.8	---	---	---	7.1	5.6	6.4
26	18.7	17.8	18.3	13.8	12.5	12.9	---	---	---	7.0	6.3	6.6
27	18.7	17.9	18.3	13.3	12.6	12.9	---	---	---	7.6	7.0	7.3
28	18.9	18.3	18.6	13.3	12.4	13.0	---	---	---	7.5	5.8	6.7
29	19.2	18.8	19.0	12.7	11.1	11.9	---	---	---	7.3	6.1	6.6
30	18.8	18.1	18.4	11.1	9.9	10.5	---	---	---	8.1	7.3	7.7
31	18.4	17.7	18.0	---	---	---	8.8	7.7	8.3	8.0	7.5	7.6
MONTH	---	---	---	18.4	9.9	15.0	---	---	---	9.7	5.6	7.9

02167600 SALUDA RIVER NEAR PROSPERITY, SC--Continued

Temperature, water, degrees Celsius
 WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	8.1	7.2	7.5	9.0	8.6	8.8	16.7	15.3	16.0	19.8	18.8	19.4
2	8.1	6.6	7.4	9.6	8.7	9.0	17.0	15.9	16.3	19.7	18.5	19.2
3	8.4	7.1	7.8	10.5	9.6	10.0	17.4	16.2	16.7	19.7	18.8	19.3
4	10.3	8.3	9.2	10.4	9.8	10.2	17.6	16.7	17.2	20.5	19.6	20.0
5	11.0	9.9	10.3	10.3	10.0	10.2	17.5	16.6	17.1	20.4	19.2	19.8
6	9.9	9.2	9.6	11.7	10.1	10.9	17.2	16.7	17.0	19.2	18.1	18.6
7	9.2	8.0	8.4	12.4	11.7	12.0	17.1	15.8	16.6	19.8	18.1	18.8
8	8.7	8.0	8.2	11.8	10.7	11.4	15.8	15.2	15.6	21.1	19.4	20.2
9	8.7	7.8	8.2	11.2	10.3	10.7	15.2	14.0	14.6	21.6	20.3	20.9
10	8.9	8.2	8.6	12.5	11.2	11.7	14.0	13.2	13.6	23.1	21.1	22.0
11	8.9	8.0	8.6	12.6	11.9	12.2	13.8	13.5	13.6	23.0	22.2	22.6
12	8.9	7.6	8.2	12.8	11.4	12.1	14.7	13.6	14.0	23.0	21.5	22.0
13	9.1	7.5	8.5	12.9	11.9	12.4	16.2	14.7	15.5	22.8	22.0	22.3
14	9.1	7.7	8.4	13.2	12.5	12.8	17.4	15.8	16.4	23.0	22.0	22.5
15	8.9	7.6	8.0	13.2	12.0	12.7	18.2	16.9	17.4	22.4	21.6	21.9
16	10.3	8.9	9.8	12.4	11.7	11.9	17.8	16.6	17.3	22.3	21.0	21.5
17	9.2	7.6	8.2	12.9	12.4	12.6	17.6	16.1	16.8	22.3	21.4	21.7
18	8.3	7.3	7.5	12.9	12.8	12.8	17.1	15.9	16.4	21.6	20.4	20.9
19	8.7	7.6	8.1	13.7	12.8	13.2	15.9	15.0	15.3	20.4	19.7	19.9
20	9.8	8.1	8.7	13.6	12.5	13.0	15.5	15.0	15.2	20.9	19.7	20.2
21	10.0	8.9	9.3	13.0	12.5	12.6	16.3	15.5	15.8	21.1	20.4	20.8
22	10.2	8.4	9.1	14.0	13.0	13.6	17.3	16.2	16.7	21.1	19.5	20.5
23	11.3	10.2	10.7	14.6	14.0	14.4	18.3	17.1	17.5	19.5	18.5	18.8
24	11.0	9.9	10.4	15.4	14.4	14.9	18.3	17.5	18.0	19.2	18.6	18.9
25	10.2	9.6	9.9	15.6	14.6	15.2	18.1	17.3	17.6	19.8	19.0	19.4
26	10.2	9.9	10.1	16.2	15.1	15.5	17.9	16.9	17.3	21.1	19.8	20.5
27	10.0	9.3	9.6	16.3	15.8	16.0	18.8	17.0	17.7	21.8	21.0	21.2
28	9.3	9.0	9.1	16.4	15.8	16.1	19.4	18.3	18.8	22.4	21.3	21.9
29	---	---	---	17.1	15.6	16.3	19.4	18.3	18.9	22.6	21.6	22.1
30	---	---	---	17.3	16.4	16.8	19.7	18.6	19.1	23.3	21.8	22.5
31	---	---	---	16.8	16.1	16.4	---	---	---	23.2	22.0	22.5
MONTH	11.3	6.6	8.8	17.3	8.6	12.9	19.7	13.2	16.5	23.3	18.1	20.7

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
Temperature, water, degrees Celsius												
JUNE			JULY			AUGUST			SEPTEMBER			
1	23.2	22.7	23.0	25.4	24.4	25.0	28.3	27.0	27.8	29.9	28.9	29.3
2	23.3	22.7	23.0	24.4	22.9	23.7	27.5	26.6	27.0	29.0	27.1	27.9
3	23.3	22.4	22.9	24.5	22.8	23.6	27.6	26.8	27.2	28.1	27.3	27.7
4	22.4	21.6	22.0	25.2	23.7	24.5	27.5	26.8	27.1	28.0	27.4	27.8
5	23.0	22.0	22.5	25.6	24.9	25.3	27.6	27.0	27.3	28.3	26.9	27.5
6	23.1	22.2	22.7	26.4	25.4	25.9	27.8	26.9	27.3	27.7	26.4	27.1
7	22.9	21.4	22.2	26.9	25.7	26.3	27.4	25.6	26.6	26.6	25.2	25.7
8	22.2	21.0	21.5	27.3	25.9	26.6	27.9	26.5	27.1	25.4	25.0	25.2
9	23.2	21.7	22.3	28.0	26.6	27.2	27.9	26.4	27.1	26.3	24.7	25.1
10	24.4	23.0	23.6	28.1	27.3	27.7	27.5	26.6	27.1	25.6	24.8	25.2
11	24.7	23.6	24.2	27.4	26.0	26.8	26.6	25.5	26.1	26.1	24.8	25.1
12	24.5	23.8	24.2	27.3	26.2	26.7	26.9	26.0	26.4	25.4	24.3	24.9
13	24.5	23.4	23.9	27.9	26.8	27.3	27.1	26.3	26.7	24.5	23.6	24.1
14	24.6	23.8	24.2	27.5	25.8	26.4	27.4	26.1	26.5	26.4	23.9	25.3
15	24.9	23.6	24.1	26.2	25.4	25.7	27.7	26.2	26.9	26.1	25.1	25.7
16	25.4	24.6	25.0	26.8	26.0	26.2	27.8	26.4	27.4	26.2	24.9	25.4
17	25.5	24.4	24.9	28.1	26.1	27.0	26.5	24.9	25.5	25.8	24.6	25.1
18	25.5	23.9	24.4	28.2	27.2	27.8	27.5	26.4	26.8	25.1	24.1	24.5
19	24.9	23.5	24.0	28.2	26.9	27.4	28.3	27.2	27.6	24.6	23.1	24.0
20	25.4	24.0	24.6	27.5	26.7	27.1	28.1	27.3	27.7	26.0	23.8	24.7
21	25.7	24.8	25.2	27.6	26.6	27.1	28.6	27.4	27.8	25.7	24.4	25.0
22	25.8	24.8	25.4	28.0	27.5	27.7	28.0	27.2	27.6	25.1	24.4	24.7
23	25.9	24.9	25.3	27.7	25.8	26.6	28.3	27.0	27.6	26.1	24.4	24.9
24	25.7	24.5	25.1	26.7	26.0	26.3	28.0	27.3	27.8	25.5	24.1	24.9
25	26.0	24.4	25.2	27.0	25.8	26.4	27.7	26.3	27.1	25.8	23.9	24.6
26	26.0	24.7	25.3	27.1	26.4	26.8	27.7	26.4	27.1	26.1	23.9	24.7
27	26.9	25.2	25.8	27.3	26.5	26.9	27.9	26.8	27.3	25.9	24.3	24.9
28	26.2	25.6	26.0	28.3	26.7	27.4	28.8	27.2	27.9	25.6	24.4	24.9
29	25.6	24.6	25.1	28.6	27.2	27.7	29.0	27.8	28.4	25.3	23.4	24.3
30	26.0	25.1	25.5	28.4	27.8	28.1	29.9	28.6	29.0	24.6	22.7	23.5
31	---	---	---	28.4	27.1	27.8	29.6	28.4	29.0	---	---	---
MONTH	26.9	21.0	24.1	28.6	22.8	26.5	29.9	24.9	27.3	29.9	22.7	25.5

SANTEE RIVER BASIN

02167600 SALUDA RIVER NEAR PROSPERITY, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	7.3	5.9	6.6	---	---	---	10.8	10.2	10.5
2	---	---	---	8.1	6.5	7.1	---	---	---	10.6	10.0	10.2
3	---	---	---	7.1	6.1	6.7	---	---	---	10.5	10.1	10.3
4	---	---	---	7.3	6.0	6.5	---	---	---	10.5	10.0	10.2
5	---	---	---	7.2	6.1	6.8	11.5	9.3	10.1	10.6	10.2	10.4
6	---	---	---	8.5	6.5	8.0	11.0	8.1	10.0	10.8	10.3	10.4
7	---	---	---	8.4	7.6	8.1	9.2	8.1	8.8	10.9	10.3	10.6
8	---	---	---	7.8	7.3	7.6	9.3	7.4	8.5	10.8	10.4	10.6
9	---	---	---	7.8	7.1	7.6	---	---	---	10.8	10.1	10.5
10	---	---	---	7.4	6.9	7.1	---	---	---	10.6	10.1	10.3
11	---	---	---	7.7	7.1	7.4	9.7	9.1	9.4	10.5	9.7	10.1
12	---	---	---	---	---	---	9.7	8.9	9.3	10.4	9.7	10.1
13	---	---	---	---	---	---	10.3	9.0	9.7	10.9	10.1	10.3
14	---	---	---	---	---	---	---	---	---	10.7	10.0	10.4
15	---	---	---	---	---	---	---	---	---	10.7	9.5	10.3
16	---	---	---	7.7	7.2	7.5	---	---	---	10.9	9.9	10.4
17	---	---	---	7.8	7.4	7.6	---	---	---	10.9	10.1	10.6
18	8.0	6.8	7.3	7.7	7.5	7.6	10.1	9.6	9.8	10.9	10.2	10.5
19	7.6	7.0	7.2	8.0	7.6	7.8	9.9	9.6	9.7	11.1	10.3	10.7
20	7.5	6.7	7.1	8.1	7.9	8.0	---	---	---	11.2	10.1	10.8
21	8.1	6.8	7.3	8.0	7.9	7.9	---	---	---	11.1	10.2	10.6
22	7.4	6.7	7.0	---	---	---	---	---	---	10.7	9.8	10.2
23	7.8	6.4	7.0	---	---	---	---	---	---	11.3	10.0	10.6
24	7.9	6.7	7.2	---	---	---	---	---	---	11.3	10.4	10.7
25	7.6	6.7	7.3	---	---	---	---	---	---	11.2	10.4	10.7
26	9.0	6.7	7.6	---	---	---	---	---	---	11.2	10.5	10.8
27	10.3	7.5	8.4	---	---	---	---	---	---	10.9	10.2	10.6
28	10.8	8.2	9.3	---	---	---	---	---	---	11.0	10.4	10.8
29	9.8	7.1	8.1	9.7	8.4	9.1	---	---	---	11.1	10.5	10.8
30	7.3	6.3	6.6	---	---	---	---	---	---	10.7	10.1	10.5
31	7.4	6.2	6.7	---	---	---	11.0	10.3	10.6	10.4	10.0	10.2
MONTH	---	---	---	---	---	---	---	---	---	11.3	9.5	10.5

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	10.4	10.0	10.2	10.8	10.5	10.6	8.9	8.0	8.4	6.2	3.5	5.0
2	10.4	10.0	10.2	10.7	10.3	10.5	8.8	8.0	8.4	6.9	4.3	5.4
3	10.6	10.0	10.2	10.8	10.4	10.5	8.7	8.1	8.4	5.9	3.7	5.1
4	10.6	9.8	10.3	10.7	10.3	10.5	8.5	7.8	8.1	5.5	2.5	3.3
5	10.2	9.3	9.8	10.6	10.0	10.2	8.0	7.4	7.7	5.3	2.8	4.2
6	10.0	9.3	9.6	10.2	7.9	9.1	8.9	7.2	8.0	6.6	3.5	5.6
7	10.6	9.7	10.2	8.6	8.0	8.2	8.9	8.5	8.8	7.4	4.8	6.3
8	10.8	9.8	10.4	9.0	8.5	8.7	8.8	7.4	8.0	7.3	5.2	6.3
9	10.7	10.0	10.4	9.1	8.7	8.9	7.6	7.2	7.4	8.3	6.0	7.6
10	10.8	10.0	10.5	9.6	8.6	9.1	7.9	7.5	7.7	8.1	5.8	7.2
11	10.3	9.7	10.0	9.8	8.8	9.4	7.7	7.4	7.6	8.2	5.9	6.9
12	11.0	9.5	10.3	9.9	9.0	9.5	7.6	7.3	7.5	7.9	5.2	6.7
13	10.6	9.9	10.3	9.8	9.0	9.4	---	---	---	7.5	5.7	6.5
14	10.6	10.0	10.2	9.4	8.8	9.1	---	---	---	8.6	4.9	6.6
15	10.6	10.1	10.4	9.4	8.7	9.0	---	---	---	8.5	6.8	7.6
16	10.7	10.2	10.4	9.3	8.8	9.0	8.3	7.7	8.0	8.8	6.1	7.7
17	10.7	10.2	10.4	9.1	8.6	8.8	8.4	7.8	8.1	8.4	6.6	7.5
18	11.0	10.4	10.7	8.9	8.4	8.6	8.5	7.7	8.2	7.5	6.1	6.9
19	10.9	10.3	10.6	8.7	8.3	8.5	9.5	7.8	8.6	8.0	6.7	7.3
20	11.0	10.4	10.6	---	---	---	7.8	6.9	7.4	9.0	7.2	8.2
21	10.9	10.5	10.6	---	---	---	7.7	6.1	7.2	8.7	7.8	8.3
22	10.9	9.8	10.5	---	---	---	8.0	6.1	7.4	8.3	7.6	7.9
23	10.0	9.0	9.5	8.7	8.5	8.6	7.8	6.3	7.1	8.1	7.0	7.5
24	9.8	8.9	9.4	8.7	8.5	8.6	7.8	6.0	6.9	7.4	7.1	7.2
25	10.5	9.5	10.1	9.0	8.6	8.8	7.3	5.5	6.5	7.4	7.2	7.3
26	10.5	10.2	10.4	8.7	8.0	8.4	7.3	4.8	6.2	7.6	6.9	7.3
27	10.7	10.3	10.5	8.3	7.8	8.0	7.0	3.0	5.3	8.0	7.2	7.5
28	10.8	10.5	10.6	8.3	7.7	8.0	6.1	4.1	5.3	8.1	7.0	7.5
29	---	---	---	8.4	7.8	8.1	5.6	3.2	4.6	7.8	7.0	7.5
30	---	---	---	8.3	7.8	8.0	6.0	4.6	5.5	8.4	6.9	7.6
31	---	---	---	8.6	8.0	8.2	---	---	---	8.2	6.9	7.6
MONTH	11.0	8.9	10.3	---	---	---	---	---	---	9.0	2.5	6.8

SANTEE RIVER BASIN

305

02167600 SALUDA RIVER NEAR PROSPERITY, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	8.8	6.1	7.3	7.3	6.2	6.7	6.1	4.5	5.2	9.6	5.5	7.3
2	8.8	6.2	7.5	7.0	5.5	6.6	6.2	4.9	5.3	7.0	4.8	5.9
3	8.3	6.7	7.4	7.1	5.2	6.7	6.4	5.1	5.7	6.3	4.8	5.5
4	7.5	6.7	7.2	6.8	6.1	6.5	6.2	5.0	5.5	6.1	4.4	5.3
5	7.8	6.4	7.1	6.8	6.4	6.5	6.1	4.7	5.4	6.4	4.5	5.5
6	7.8	6.5	7.3	7.2	5.6	6.4	7.0	5.3	6.1	6.2	5.2	5.6
7	7.3	6.5	7.0	7.2	5.6	6.3	6.7	5.6	6.1	6.1	5.6	5.8
8	6.7	6.3	6.5	7.7	5.9	6.6	7.1	5.9	6.4	6.0	5.5	5.8
9	7.5	6.4	6.9	8.9	5.3	6.6	6.8	5.8	6.2	6.9	5.4	5.8
10	8.3	6.8	7.4	8.3	4.8	6.6	6.6	5.6	6.0	6.2	5.5	5.9
11	8.4	6.8	7.5	6.8	5.8	6.2	6.5	5.4	5.7	6.7	5.8	6.1
12	7.9	6.8	7.3	6.6	5.4	5.9	6.6	5.4	5.9	6.6	6.0	6.2
13	7.8	6.6	7.2	6.5	5.4	5.9	6.7	5.6	6.1	6.2	5.8	6.1
14	7.7	6.5	7.0	6.1	5.5	5.8	6.3	5.1	5.5	6.3	4.6	5.7
15	7.8	6.5	7.0	6.1	5.3	5.6	7.2	5.6	6.1	7.2	4.6	5.9
16	7.5	6.5	7.0	6.5	5.5	5.9	7.3	5.1	5.9	7.4	5.8	6.3
17	7.4	6.0	6.8	8.2	4.5	5.8	6.0	5.0	5.3	7.0	5.6	6.3
18	7.0	6.1	6.4	6.6	5.3	6.0	6.6	4.8	5.6	7.1	6.0	6.6
19	6.5	5.6	6.1	6.0	3.7	5.3	7.3	5.2	6.1	6.5	3.5	5.9
20	6.8	5.3	6.1	6.5	3.7	5.6	7.4	5.6	6.3	7.5	3.1	5.4
21	7.2	6.0	6.5	6.3	4.8	5.5	7.0	5.5	6.2	7.4	4.2	5.9
22	7.6	5.6	6.5	6.2	4.4	5.4	6.5	5.4	5.9	6.6	4.5	6.1
23	8.0	5.6	6.5	5.9	4.7	5.4	6.7	5.2	5.8	6.7	4.1	6.0
24	7.3	4.6	5.9	6.0	5.2	5.6	6.2	4.9	5.7	6.4	4.5	5.5
25	7.4	5.2	6.0	6.3	4.6	5.4	5.8	4.9	5.4	7.0	4.8	6.0
26	7.8	5.5	6.2	6.8	4.6	5.6	6.1	4.4	5.2	6.7	5.2	6.2
27	7.8	5.6	6.5	6.7	3.1	4.4	6.4	4.7	5.3	6.6	5.6	6.1
28	7.0	5.2	6.0	6.1	4.3	4.9	7.0	4.7	5.5	6.6	2.6	5.0
29	8.4	5.8	6.6	6.3	4.1	5.2	8.2	4.9	5.9	6.9	2.9	5.2
30	8.2	6.0	6.9	6.0	4.1	5.0	9.8	5.8	6.6	7.5	4.2	6.3
31	---	---	---	6.2	4.3	5.0	8.2	4.2	6.4	---	---	---
MONTH	8.8	4.6	6.8	8.9	3.1	5.8	9.8	4.2	5.8	9.6	2.6	5.9

SANTEE RIVER BASIN

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.--USGS mini-monitor and data collection platform.

REMARKS.--Temperature records rated excellent except for Apr. 6-11, Apr. 25 to May 4, June 1-13, which are good, Apr. 12-15, May 5-14, and June 14-26, which are fair, and May 15-20 and June 27 to July 3, which are poor. Dissolved oxygen records rated good except for Jan. 21-25 and Apr. 19-20, which are fair, and Oct. 11-15, Jan. 26 to Feb. 3, Mar. 16-22, Apr. 21 to May 1, June 12-23, Aug. 8-12, and Sep. 20-25, which are poor.

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, 35.1°C, Aug. 25; minimum, 5.1°C, Jan. 24, 25.

DISSOLVED OXYGEN (Top): Maximum, 12.2 mg/L, May 28; minimum, 0.1 mg/L, July 15.

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	26.5	25.3	25.5	19.4	18.4	18.7	11.5	10.4	10.9	8.9	7.6	8.2
2	27.0	25.6	26.3	18.9	17.9	18.2	10.9	10.2	10.5	8.7	8.3	8.5
3	28.3	26.4	27.3	18.0	17.5	17.7	10.7	9.8	10.2	8.7	8.4	8.6
4	28.1	26.7	27.3	17.5	17.2	17.3	10.6	9.0	9.5	9.1	7.9	8.4
5	28.1	26.6	27.3	17.2	16.7	16.9	9.0	8.5	8.7	8.8	8.0	8.3
6	28.1	26.7	27.4	16.8	16.4	16.7	9.2	8.4	8.6	8.5	8.1	8.3
7	29.4	27.2	27.9	16.7	16.1	16.3	9.3	8.2	8.6	8.6	7.7	8.1
8	27.6	25.4	26.3	16.9	15.6	16.2	9.1	8.3	8.5	8.0	7.3	7.6
9	25.4	24.4	24.8	16.7	15.6	16.1	8.5	8.1	8.3	8.7	7.5	8.0
10	25.5	24.1	24.6	17.4	16.1	16.8	8.1	7.9	8.0	9.6	8.3	8.7
11	24.6	24.2	24.4	17.7	17.0	17.2	8.1	7.9	8.0	9.9	8.3	8.9
12	25.7	24.0	24.6	17.2	17.1	17.2	8.6	7.7	8.1	8.8	7.9	8.2
13	25.5	24.7	25.1	17.4	16.9	17.1	8.2	7.6	7.9	8.5	7.7	7.9
14	24.7	23.2	23.8	17.3	16.4	16.7	7.8	7.4	7.6	8.9	7.5	7.9
15	23.2	21.7	22.4	16.6	16.0	16.3	8.0	6.9	7.5	8.4	7.4	7.8
16	22.0	21.3	21.6	16.3	15.9	16.1	8.3	7.0	7.5	7.7	7.3	7.5
17	22.1	21.0	21.4	15.9	15.1	15.6	8.1	7.3	7.6	7.5	7.1	7.3
18	21.2	20.5	20.8	15.2	14.6	14.7	8.0	7.5	7.7	7.4	6.6	6.9
19	21.2	20.1	20.6	14.6	14.0	14.3	8.8	7.7	8.1	6.6	5.7	6.1
20	21.3	20.1	20.6	14.6	13.8	14.1	9.2	8.2	8.8	6.3	5.3	5.8
21	21.2	20.3	20.6	14.3	13.8	14.1	9.0	8.3	8.7	7.7	6.2	6.7
22	21.1	19.9	20.3	14.2	13.3	13.7	9.3	8.2	8.7	7.8	6.8	7.1
23	19.9	19.6	19.7	13.6	12.8	13.2	10.1	8.6	9.0	7.0	6.1	6.7
24	20.0	19.4	19.7	14.0	12.6	12.8	9.3	7.9	8.8	6.1	5.1	5.6
25	19.5	19.1	19.3	13.6	12.4	12.9	7.9	7.6	7.8	6.2	5.3	5.7
26	19.7	18.9	19.1	13.9	12.3	12.7	8.3	7.2	7.6	6.2	5.4	5.7
27	20.1	19.1	19.5	13.2	12.3	12.6	8.1	6.9	7.5	5.8	5.1	5.6
28	20.3	19.2	19.9	12.3	11.6	11.9	7.9	6.9	7.3	6.2	5.3	5.7
29	20.3	19.4	19.8	11.7	11.1	11.3	8.4	6.8	7.4	6.6	5.7	6.0
30	19.5	19.1	19.3	11.2	10.6	10.9	8.4	7.1	7.7	6.4	5.6	6.4
31	19.2	18.7	18.9	---	---	---	8.3	7.3	7.6	7.0	6.3	6.5
MONTH	29.4	18.7	22.8	19.4	10.6	15.2	11.5	6.8	8.3	9.9	5.1	7.2

SANTEE RIVER BASIN

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 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, 351.81 ft, Oct. 1; minimum gage height, 345.09 ft, Jan. 1.

Gage height, feet
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY OBSERVATION AT 2400 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	351.72	349.18	347.01	346.71	345.56	345.54	345.80	346.38	346.50	346.01	346.20	345.74
2	351.66	349.09	346.78	346.63	345.48	345.61	345.89	346.36	346.49	346.40	346.34	345.76
3	351.50	349.02	346.54	346.61	345.39	345.49	345.96	346.39	346.58	346.47	346.38	345.79
4	351.36	348.90	346.29	346.52	345.36	345.45	345.91	346.39	346.61	346.94	346.36	345.82
5	351.22	348.78	346.14	346.46	345.30	345.48	345.70	346.37	346.48	347.11	346.41	345.83
6	351.09	348.72	346.00	346.40	345.38	346.32	345.78	346.75	346.07	346.96	346.63	345.77
7	350.93	348.60	345.99	346.39	345.44	346.86	345.84	346.61	346.17	347.11	346.35	345.86
8	350.87	348.49	345.93	346.31	345.52	346.95	345.59	346.29	346.51	347.01	346.41	345.93
9	350.83	348.53	345.92	346.19	345.53	346.52	345.97	346.31	346.44	346.69	346.41	345.88
10	350.76	348.54	345.92	346.17	345.85	346.12	346.40	346.19	346.39	346.83	346.48	345.81
11	350.72	348.48	345.99	346.02	345.87	345.88	346.55	346.23	346.27	346.77	346.44	345.79
12	350.62	348.61	345.97	345.85	345.66	345.58	346.53	346.19	346.35	346.72	346.42	345.74
13	350.56	348.65	346.37	345.71	345.39	345.55	346.38	346.19	346.46	346.70	346.52	345.65
14	350.44	348.69	346.49	345.57	345.26	345.32	346.31	346.25	346.56	346.81	346.54	345.67
15	350.38	348.67	346.48	345.42	345.27	345.53	346.14	346.37	346.63	346.79	346.61	345.64
16	350.27	348.75	346.43	345.36	345.37	345.70	346.12	346.44	346.68	346.67	346.84	345.60
17	350.22	348.85	346.36	345.28	345.38	345.79	346.09	346.47	346.75	346.60	347.07	345.61
18	350.21	348.80	346.33	345.27	345.35	345.76	346.31	346.57	346.75	346.61	346.93	345.54
19	350.25	348.77	346.26	345.19	345.26	345.64	346.66	346.52	346.49	346.61	346.78	345.61
20	350.25	348.73	346.22	345.12	345.25	346.72	346.93	346.41	346.43	346.56	346.54	345.59
21	350.21	348.68	346.10	345.13	345.26	347.38	346.63	345.87	346.47	346.52	346.40	345.51
22	350.04	348.57	346.07	345.19	345.57	347.88	346.46	346.08	346.57	346.32	346.37	345.63
23	349.98	348.40	346.01	345.31	345.63	347.84	346.23	346.71	346.65	346.38	346.25	345.60
24	349.86	348.23	346.42	345.24	345.60	347.39	346.24	347.30	346.60	346.44	346.21	345.60
25	349.76	348.08	346.70	345.25	345.42	346.93	346.10	347.28	346.52	346.43	346.14	345.60
26	349.68	347.93	346.85	345.28	345.29	346.45	346.21	346.83	346.39	346.32	346.05	345.69
27	349.60	347.73	346.89	345.29	345.25	346.09	346.35	346.45	346.36	346.27	345.98	345.74
28	349.49	347.54	346.86	345.29	345.33	345.95	346.40	346.48	346.41	346.21	345.95	345.73
29	349.43	347.33	346.83	345.29	---	345.84	346.45	346.43	346.41	346.13	345.90	345.67
30	349.36	347.14	346.80	345.46	---	345.85	346.35	346.58	346.42	346.16	345.80	345.61
31	349.29	---	346.61	345.57	---	345.71	---	346.47	---	346.11	345.74	---
MAX	351.72	349.18	347.01	346.71	345.87	347.88	346.93	347.30	346.75	347.11	347.07	345.93
MIN	349.29	347.14	345.92	345.12	345.25	345.32	345.59	345.87	346.07	346.01	345.74	345.51
(+)	45.98	42.43	41.56	39.84	39.44	40.07	41.13	41.33	41.24	40.73	40.12	39.91
(*)	-1658	-1370	-325	-642	-165	+235	+409	+74.7	-34.7	-190	-228	-81.0
CAL YR 2002	*	-197	MAX 357.41	MIN 345.92								
WTR YR 2003	*	-333	MAX 351.72	MIN 345.12								

(+) 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.--USGS mini-monitor and data collection platform.

REMARKS.--Temperature (top) records rated excellent except for June 20 to July 3, which are good. Temperature (bottom) records rated excellent except for Oct. 15 to Nov. 7 and Apr. 29 to June 5, which are poor. Dissolved oxygen (top) records rated excellent except for Apr. 10-12, June 26 to July 3, July 22 to Aug. 1, and Sep. 17-24, which are good, and Aug. 2-6 and Sep. 25-30, which are fair. Dissolved oxygen (bottom) records rated excellent, except for Mar. 1-4 and Mar. 25 to Apr. 2, which are good, Sep. 13-17, which are fair, and Nov. 16-25 and Sep. 18-30, 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, 31.8°C, Aug. 28, 30; minimum, 8.2°C, Jan. 31.

WATER TEMPERATURE (Bottom): Maximum, 26.2°C, Sep. 13; minimum, 8.3°C Jan. 31, Feb. 1, 7..

DISSOLVED OXYGEN (Top): Maximum, 12.4 mg/L, Apr. 4; minimum 0.2 mg/L, Sep. 6.

DISSOLVED OXYGEN (Bottom): Maximum, 11.8 mg/L, Mar. 30; minimum, 0.0 mg/L, many days in August and September.

Temperature, water, Top, degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	26.1	24.8	25.4	---	---	---	15.4	15.1	15.2	11.3	10.9	11.0
2	26.7	25.5	26.0	20.6	20.1	20.3	15.4	14.9	15.0	11.1	10.8	11.0
3	27.0	25.8	26.4	20.2	19.8	20.0	15.1	14.7	14.8	11.0	10.6	10.9
4	27.5	26.2	26.7	19.9	19.5	19.7	14.7	14.4	14.5	11.2	10.4	10.7
5	27.4	26.3	26.8	19.6	19.3	19.5	14.4	14.1	14.2	10.8	10.4	10.6
6	27.7	26.6	27.1	19.6	19.0	19.3	14.3	13.8	14.1	10.9	10.3	10.5
7	27.8	26.4	27.3	19.3	18.8	19.0	14.4	13.7	13.9	10.7	10.3	10.4
8	26.4	24.7	25.3	19.3	18.7	18.9	13.9	13.4	13.7	10.7	10.1	10.3
9	24.7	24.4	24.6	19.1	18.7	18.8	13.6	13.2	13.4	10.8	10.2	10.5
10	24.9	24.3	24.5	19.3	18.6	18.9	13.2	12.9	13.0	10.9	10.5	10.7
11	24.5	24.3	24.4	---	---	---	12.9	12.7	12.8	11.0	10.3	10.5
12	25.9	24.4	24.9	---	---	---	12.8	12.6	12.7	10.8	10.3	10.5
13	25.5	24.9	25.2	---	---	---	12.6	12.4	12.6	10.5	10.1	10.3
14	24.9	23.9	24.3	18.9	18.3	18.5	12.6	12.2	12.3	10.6	10.1	10.4
15	24.0	23.3	23.6	18.5	18.2	18.3	12.9	12.0	12.3	10.6	10.0	10.2
16	23.4	23.1	23.2	18.2	18.0	18.1	12.5	11.9	12.1	10.6	10.0	10.2
17	23.5	22.8	23.0	18.0	17.6	17.9	12.3	11.8	12.0	10.5	9.8	10.1
18	23.3	22.6	22.9	18.1	17.5	17.6	12.1	11.8	11.9	10.2	9.8	10.0
19	23.0	22.4	22.7	17.7	17.2	17.4	12.2	11.8	11.9	10.0	9.4	9.7
20	---	---	---	17.4	17.1	17.3	12.3	11.8	12.1	10.0	9.2	9.6
21	---	---	---	17.3	17.1	17.2	12.1	11.6	11.9	10.2	9.4	9.7
22	---	---	---	17.2	16.8	17.0	12.1	11.6	11.8	10.2	9.4	9.7
23	22.0	21.7	21.9	17.0	16.5	16.7	12.4	11.6	11.9	9.9	9.2	9.6
24	22.0	21.5	21.7	17.0	16.4	16.6	11.7	11.5	11.6	9.6	8.8	9.4
25	21.5	21.2	21.4	16.6	16.3	16.5	11.9	11.2	11.5	9.5	8.7	9.2
26	21.6	21.1	21.3	16.7	16.3	16.4	11.2	10.8	11.1	9.6	9.0	9.2
27	21.5	21.2	21.3	16.4	16.1	16.2	11.3	10.7	10.9	9.4	8.7	9.0
28	21.6	21.1	21.3	16.4	15.9	16.0	11.3	10.7	10.9	9.4	8.6	8.9
29	21.4	20.8	21.1	16.1	15.5	15.8	11.2	10.6	10.8	9.3	8.6	8.9
30	20.9	20.7	20.8	15.6	15.2	15.4	11.3	10.6	10.9	9.1	8.5	8.8
31	21.2	20.6	20.8	---	---	---	11.0	10.7	10.9	9.2	8.2	8.6
MONTH	---	---	---	---	---	---	15.4	10.6	12.5	11.3	8.2	10.0

SANTEE RIVER BASIN

02168500 LAKE MURRAY NEAR COLUMBIA, SC--Continued

Temperature, water, Top, degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	9.4	8.5	8.9	9.1	8.6	8.9	15.4	14.7	15.0	23.1	18.7	20.2
2	9.1	8.4	8.7	9.4	8.8	9.0	16.8	14.8	15.6	24.2	18.5	21.9
3	9.3	8.7	9.0	9.6	8.9	9.3	17.7	15.3	16.2	23.2	21.9	22.5
4	9.7	9.1	9.3	9.9	9.1	9.4	18.3	16.0	17.1	22.8	19.5	21.5
5	9.5	8.8	9.1	10.0	9.2	9.6	17.6	16.9	17.2	20.1	16.8	18.3
6	9.1	8.5	8.7	10.1	9.3	9.8	17.1	15.3	16.4	21.4	19.0	20.3
7	9.0	8.3	8.7	10.4	9.3	10.0	15.9	14.4	15.0	23.5	20.3	21.6
8	9.3	8.7	9.0	11.3	9.6	10.4	15.2	14.6	14.8	25.3	22.4	23.8
9	9.4	8.8	9.0	13.1	11.1	11.5	14.6	14.2	14.5	25.7	23.6	24.6
10	9.4	8.8	9.0	12.9	10.9	12.1	14.2	14.0	14.1	27.0	24.3	25.7
11	9.5	8.8	9.1	12.7	10.3	11.5	14.4	13.9	14.1	26.4	25.6	25.9
12	9.6	9.0	9.2	13.6	11.7	12.4	---	---	---	25.7	24.6	25.1
13	9.4	8.9	9.1	15.0	13.6	14.4	---	---	---	25.1	24.0	24.4
14	9.4	8.8	9.1	14.5	9.6	10.8	---	---	---	25.0	23.9	24.3
15	9.2	8.9	9.0	10.5	9.8	10.0	---	---	---	24.5	23.6	24.1
16	9.0	8.7	8.9	11.2	10.1	10.5	16.3	14.9	15.5	24.3	23.6	23.9
17	9.4	8.6	8.8	11.6	10.5	11.0	18.5	15.4	16.5	24.1	20.1	22.1
18	9.4	8.4	8.9	11.9	10.6	11.3	16.8	13.9	14.7	20.1	18.8	19.4
19	9.1	8.3	8.8	12.4	10.0	10.7	14.6	14.1	14.3	20.2	19.4	19.9
20	9.3	8.5	8.8	11.4	10.0	10.6	16.5	14.5	15.1	21.9	19.9	20.6
21	8.8	8.3	8.6	14.0	11.2	12.1	17.5	15.6	16.7	23.6	21.4	22.5
22	9.5	8.4	8.8	14.6	12.6	13.2	18.6	17.1	17.8	22.4	20.5	21.0
23	10.0	8.6	9.3	14.3	13.3	13.8	19.0	17.1	18.0	20.6	20.2	20.4
24	9.8	9.0	9.4	16.7	13.5	14.7	18.7	17.7	18.3	22.2	20.4	21.0
25	9.6	8.9	9.2	19.5	14.1	15.6	18.4	17.3	17.8	23.8	21.2	21.8
26	9.2	8.5	8.9	18.9	15.4	17.6	19.2	17.2	18.2	22.9	21.6	22.3
27	9.2	8.6	8.9	15.9	14.3	14.7	19.9	17.8	18.7	24.3	22.3	23.5
28	9.2	8.6	8.9	14.7	13.2	13.8	20.0	18.8	19.4	24.9	23.1	24.0
29	---	---	---	17.5	14.1	15.6	23.1	18.8	20.2	25.0	23.4	24.3
30	---	---	---	18.1	14.9	16.1	24.5	22.3	23.1	25.8	23.1	24.4
31	---	---	---	15.5	15.0	15.2	---	---	---	25.0	24.1	24.5
MONTH	10.0	8.3	9.0	19.5	8.6	12.1	---	---	---	27.0	16.8	22.6

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
Temperature, water, Top, degrees Celsius												
JUNE			JULY			AUGUST			SEPTEMBER			
1	24.9	23.5	24.2	28.9	27.1	28.1	29.4	28.1	28.5	30.8	29.1	29.5
2	24.5	23.2	23.7	27.5	26.5	26.9	28.8	28.2	28.5	30.8	28.8	29.6
3	23.9	23.0	23.4	28.6	26.3	27.3	29.1	27.9	28.5	30.4	29.1	29.5
4	24.4	23.2	23.7	29.5	26.9	28.1	29.5	28.2	28.7	30.9	29.0	29.6
5	25.7	23.4	24.0	28.7	27.4	28.0	29.2	28.2	28.7	29.5	28.0	28.7
6	24.1	23.3	23.6	29.7	27.7	28.6	29.4	28.1	28.7	28.1	26.7	27.4
7	24.2	23.4	23.8	30.5	28.4	29.3	29.5	28.3	28.8	26.8	26.4	26.6
8	26.0	23.6	24.5	30.9	29.0	29.8	30.4	28.5	29.1	27.0	26.1	26.3
9	27.5	25.0	26.0	31.0	29.6	30.3	30.3	28.0	28.9	26.9	25.8	26.1
10	28.1	26.1	27.0	30.4	29.5	30.0	29.7	28.2	28.8	26.9	25.6	25.9
11	29.0	27.0	27.9	29.8	29.0	29.4	29.2	28.1	28.4	26.7	25.4	25.7
12	29.1	27.2	27.9	30.4	28.8	29.4	28.8	27.9	28.3	25.9	25.3	25.5
13	28.4	27.1	27.7	30.1	28.7	29.4	29.2	27.8	28.2	27.1	25.2	26.0
14	28.0	27.1	27.5	29.7	28.2	28.6	28.7	27.6	28.1	26.8	25.9	26.3
15	29.3	27.2	28.3	30.6	28.0	28.7	30.3	27.5	28.7	27.5	25.8	26.3
16	30.1	27.7	28.8	30.7	28.8	29.8	30.1	29.0	29.4	26.1	25.1	25.5
17	28.6	26.5	27.4	29.9	29.2	29.5	29.4	28.6	28.9	26.0	24.9	25.2
18	27.9	26.0	27.3	31.0	28.8	29.6	30.3	28.4	29.2	25.6	24.8	25.0
19	28.9	27.5	28.1	30.3	29.0	29.5	29.9	28.3	29.0	26.0	24.7	25.3
20	29.0	27.8	28.3	30.9	28.8	29.7	29.2	28.0	28.3	26.5	25.1	25.7
21	28.4	27.0	27.7	30.6	29.3	30.1	30.0	28.1	28.8	25.8	25.1	25.5
22	29.2	27.0	28.0	30.0	29.0	29.4	30.1	28.8	29.5	25.4	24.8	25.1
23	30.4	28.0	29.2	29.0	28.1	28.6	30.3	29.1	29.6	26.1	24.9	25.3
24	31.0	28.8	29.6	28.9	27.8	28.2	29.8	28.5	29.2	25.4	24.7	24.9
25	31.2	29.0	30.0	28.5	27.6	27.9	30.2	28.3	29.2	26.3	24.6	25.4
26	30.9	29.6	30.2	28.4	27.4	27.7	30.5	29.4	29.9	25.8	25.0	25.4
27	31.1	29.4	30.2	28.7	27.6	27.8	31.1	29.7	30.4	26.7	24.9	25.8
28	30.0	28.6	29.4	29.6	27.7	28.5	31.8	29.6	30.6	26.3	25.2	25.8
29	29.9	28.2	29.0	30.2	28.7	29.5	31.5	29.7	30.5	25.4	24.5	24.9
30	29.7	28.9	29.2	29.6	28.5	29.0	31.8	29.8	30.6	24.9	24.2	24.4
31	---	---	---	29.3	28.2	28.6	31.1	29.2	30.0	---	---	---
MONTH	31.2	23.0	27.2	31.0	26.3	28.9	31.8	27.5	29.1	30.9	24.2	26.3

SANTEE RIVER BASIN

02168500 LAKE MURRAY NEAR COLUMBIA, SC--Continued

Temperature, water, Bottom, degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	17.5	17.2	17.4	---	---	---	15.7	15.4	15.5	11.3	10.8	11.0
2	17.7	16.4	17.2	21.8	18.1	20.7	15.5	15.2	15.4	11.2	11.0	11.1
3	17.9	16.9	17.5	20.7	20.0	20.3	15.4	15.0	15.2	11.1	10.9	11.0
4	17.9	17.2	17.4	20.2	19.8	20.0	15.1	14.7	14.9	11.0	10.7	10.8
5	18.4	17.1	17.6	20.0	19.3	19.7	14.8	14.5	14.6	11.0	10.7	10.8
6	17.6	17.1	17.3	20.6	19.6	20.3	14.6	14.2	14.4	11.0	10.6	10.7
7	---	---	---	19.7	18.8	19.1	14.4	14.0	14.2	10.7	10.5	10.6
8	17.9	16.6	17.2	19.0	18.6	18.8	14.2	13.9	14.0	10.6	10.3	10.5
9	17.0	15.6	16.2	18.9	18.4	18.6	13.9	13.4	13.7	10.6	10.3	10.4
10	16.7	15.6	15.9	---	---	---	13.5	13.4	13.4	10.7	10.4	10.5
11	16.7	16.2	16.5	---	---	---	13.4	13.2	13.3	10.6	10.3	10.4
12	---	---	---	---	---	---	13.3	13.1	13.2	10.4	10.2	10.3
13	---	---	---	---	---	---	13.1	13.0	13.1	10.3	10.1	10.2
14	---	---	---	18.6	18.2	18.4	13.1	12.8	12.9	10.4	10.1	10.2
15	18.4	17.6	18.0	18.5	18.1	18.3	12.9	12.7	12.7	10.3	10.0	10.1
16	18.7	15.6	17.4	18.2	17.9	18.1	12.9	12.6	12.7	10.2	9.9	10.0
17	18.7	16.6	18.0	18.0	17.8	18.0	12.7	12.5	12.6	10.1	9.8	9.9
18	19.0	17.9	18.4	17.9	17.5	17.7	12.6	12.3	12.5	10.0	9.7	9.8
19	---	---	---	17.8	17.4	17.5	12.4	11.8	12.2	9.8	9.4	9.6
20	---	---	---	17.5	17.3	17.4	12.3	11.9	12.1	9.8	9.2	9.4
21	---	---	---	17.4	17.2	17.3	12.1	11.8	11.9	9.6	9.2	9.4
22	---	---	---	17.4	17.0	17.2	12.0	11.7	11.8	9.4	9.2	9.3
23	17.3	16.8	17.0	17.1	16.8	16.9	12.0	11.7	11.8	9.2	9.1	9.2
24	17.5	16.9	17.1	16.9	16.6	16.8	11.7	11.6	11.6	9.2	8.7	8.9
25	17.7	16.9	17.3	16.8	16.6	16.7	11.8	11.3	11.5	8.8	8.6	8.7
26	20.5	17.7	19.3	16.7	16.4	16.5	11.4	11.1	11.3	8.9	8.6	8.7
27	20.2	18.1	19.1	16.6	16.3	16.5	11.3	11.1	11.2	8.8	8.5	8.7
28	19.5	18.0	18.8	16.5	16.2	16.3	11.2	10.9	11.1	8.7	8.5	8.6
29	20.2	18.0	19.2	16.2	15.9	16.1	11.2	10.8	10.9	8.8	8.5	8.6
30	20.7	19.6	20.3	16.0	15.6	15.8	11.1	10.8	10.9	8.7	8.4	8.5
31	21.3	18.8	20.0	---	---	---	11.0	10.8	10.9	8.6	8.3	8.4
MONTH	---	---	---	---	---	---	15.7	10.8	12.8	11.3	8.3	9.8

Temperature, water, Bottom, degrees Celsius												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	8.8	8.3	8.5	8.9	8.8	8.8	14.6	12.7	13.7	14.2	13.9	14.0
2	9.0	8.6	8.7	9.5	8.8	9.0	14.2	12.1	13.4	14.5	13.9	14.1
3	8.9	8.5	8.7	9.4	9.0	9.2	13.8	11.7	12.8	14.6	14.1	14.3
4	9.5	8.8	9.2	9.4	8.9	9.0	13.6	11.8	12.7	14.7	14.1	14.3
5	9.3	8.6	9.0	9.3	8.9	9.1	13.6	11.7	12.7	14.3	13.9	14.2
6	8.6	8.4	8.5	10.0	8.9	9.2	13.6	11.0	12.3	14.9	14.3	14.6
7	8.9	8.3	8.6	9.4	8.8	9.0	12.8	11.1	11.8	14.9	13.8	14.4
8	9.1	8.7	8.9	9.5	8.9	9.2	13.2	11.1	12.0	14.8	14.0	14.4
9	9.0	8.7	8.9	9.8	8.9	9.2	12.3	11.3	11.9	14.8	14.2	14.5
10	9.2	8.7	8.9	9.7	8.9	9.3	13.6	11.8	13.2	15.0	14.3	14.7
11	9.2	8.8	8.9	9.8	9.4	9.5	13.7	13.3	13.6	15.0	14.6	14.7
12	9.4	8.9	9.1	9.9	9.3	9.5	---	---	---	15.6	14.6	14.9
13	9.3	8.8	9.0	9.8	9.2	9.5	---	---	---	15.5	14.6	14.9
14	9.7	8.7	8.9	10.1	9.3	9.5	---	---	---	15.2	14.7	14.9
15	8.9	8.7	8.8	9.7	9.3	9.4	---	---	---	15.4	14.9	15.1
16	8.8	8.5	8.7	10.4	9.5	10.0	13.8	12.8	13.3	15.6	14.7	15.1
17	9.3	8.6	8.7	10.3	9.8	10.0	13.9	13.2	13.4	15.7	14.7	14.9
18	9.1	8.5	8.7	10.1	9.3	9.8	13.7	12.4	13.3	15.5	14.6	14.9
19	8.9	8.5	8.7	10.7	9.4	9.9	14.1	13.6	13.9	15.5	15.0	15.3
20	9.0	8.5	8.7	10.6	9.6	9.9	14.2	13.6	13.9	15.6	14.7	15.2
21	9.0	8.5	8.6	11.4	10.3	10.8	14.1	12.8	13.5	15.4	14.9	15.1
22	9.2	8.5	8.8	11.4	10.0	10.5	14.3	13.2	13.8	15.9	14.8	15.3
23	10.0	9.0	9.3	11.3	10.0	10.8	14.9	13.5	14.2	15.9	14.6	15.3
24	9.6	8.8	9.2	11.2	10.3	10.7	14.0	13.6	13.8	15.8	15.1	15.4
25	9.6	9.0	9.1	11.0	10.2	10.5	14.0	13.5	13.7	16.5	15.1	15.8
26	9.2	8.7	8.9	11.1	10.0	10.6	14.3	13.8	14.0	17.2	15.2	15.8
27	9.0	8.7	8.8	12.1	10.7	11.2	14.3	13.9	14.1	16.8	14.9	15.5
28	9.0	8.8	8.9	11.7	10.2	10.9	14.2	13.8	14.0	17.2	15.8	16.2
29	---	---	---	11.4	10.4	11.0	14.5	13.8	14.1	18.5	15.5	16.7
30	---	---	---	12.6	11.2	11.9	14.4	13.9	14.1	17.9	15.8	16.8
31	---	---	---	14.3	10.7	12.9	---	---	---	17.9	15.7	16.6
MONTH	10.0	8.3	8.8	14.3	8.8	10.0	---	---	---	18.5	13.8	15.1

SANTEE RIVER BASIN

02168500 LAKE MURRAY NEAR COLUMBIA, SC--Continued

Temperature, water, Bottom, degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	18.7	16.1	17.5	19.6	18.3	18.9	22.8	20.9	22.2	25.8	24.0	24.5
2	17.8	16.2	16.8	20.8	18.6	19.9	22.2	21.2	21.8	26.1	24.0	24.7
3	17.5	16.1	16.8	20.9	18.4	19.9	22.2	21.4	21.8	25.4	24.0	24.5
4	17.9	16.5	17.2	20.4	18.7	19.4	23.0	21.3	22.3	25.8	24.0	24.6
5	17.9	15.8	17.0	20.6	19.2	19.9	22.9	21.2	22.1	25.3	23.9	24.5
6	17.1	16.2	16.7	20.8	19.3	19.9	23.7	21.3	22.3	25.2	23.8	24.4
7	18.7	16.4	17.4	20.4	19.6	19.9	23.3	21.6	22.4	25.1	24.3	24.7
8	18.8	17.0	18.0	20.7	19.5	20.1	23.4	22.2	22.7	25.6	24.7	25.0
9	18.0	16.2	17.0	21.4	19.6	20.5	23.6	21.9	22.8	26.0	24.6	25.2
10	19.1	17.1	17.8	21.3	19.9	20.5	24.0	22.2	22.8	25.7	24.2	24.7
11	19.1	16.7	17.6	21.0	19.7	20.5	24.0	22.3	22.9	25.5	24.2	24.7
12	18.8	17.1	18.0	21.0	20.1	20.6	23.5	22.4	22.8	25.6	24.4	25.1
13	19.4	17.0	18.2	21.2	20.0	20.6	24.0	22.3	23.0	26.2	25.1	25.4
14	18.5	17.1	18.1	21.1	19.3	20.6	23.9	22.8	23.3	25.6	24.5	25.1
15	19.0	17.3	18.1	21.0	20.2	20.7	23.8	22.8	23.3	25.7	24.4	24.9
16	19.2	17.5	18.1	21.6	20.4	20.9	25.0	22.4	23.5	25.0	24.6	24.8
17	18.9	17.2	18.1	21.5	20.4	20.8	24.1	22.4	23.5	25.4	24.7	24.8
18	19.4	17.1	18.2	21.4	20.4	21.0	24.2	22.1	23.4	25.7	24.9	25.1
19	19.4	17.2	18.5	21.5	20.7	21.2	24.3	22.3	23.5	25.7	24.8	25.0
20	19.5	18.1	18.8	21.5	20.6	21.1	24.9	23.1	23.8	25.6	24.7	25.0
21	19.4	18.3	18.9	21.7	20.6	21.2	25.1	23.5	24.1	25.0	24.5	24.7
22	19.6	18.4	19.1	22.0	20.6	21.4	25.7	23.0	24.2	25.0	24.5	24.7
23	19.8	18.4	18.9	21.5	20.0	21.1	24.9	23.4	24.1	25.3	24.4	24.8
24	20.0	17.9	18.8	21.9	21.0	21.4	24.4	23.3	23.9	25.2	24.4	24.7
25	20.7	18.2	19.1	22.2	20.9	21.4	24.9	23.5	24.3	25.4	24.5	24.8
26	20.5	18.4	19.3	22.2	20.9	21.5	25.4	24.1	24.9	25.2	24.5	24.8
27	20.0	18.4	19.1	22.1	21.3	21.7	25.0	23.8	24.3	25.3	24.5	24.7
28	19.4	18.5	18.9	22.4	21.3	21.8	25.5	23.4	24.2	25.6	24.5	24.9
29	20.1	18.6	19.3	22.9	21.5	22.0	25.1	23.6	24.4	25.4	24.5	24.8
30	20.1	18.2	19.3	22.0	21.2	21.5	25.6	23.8	24.5	25.0	24.2	24.5
31	---	---	---	22.6	21.4	22.0	25.2	24.1	24.5	---	---	---
MONTH	20.7	15.8	18.2	22.9	18.3	20.8	25.7	20.9	23.3	26.2	23.8	24.8

02168500 LAKE MURRAY NEAR COLUMBIA, SC--Continued

Dissolved oxygen, Top, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	7.3	6.7	7.0	---	---	---	8.9	8.5	8.6	10.8	10.0	10.4
2	7.6	6.8	7.2	7.5	6.9	7.2	9.0	8.5	8.7	10.5	10.1	10.4
3	7.7	6.7	7.2	7.3	7.0	7.1	9.0	8.6	8.8	10.4	10.2	10.3
4	7.7	6.7	7.4	7.2	6.9	7.1	8.8	8.7	8.8	10.7	10.2	10.4
5	7.8	7.2	7.6	7.3	7.0	7.2	8.9	8.8	8.9	10.7	10.3	10.4
6	7.9	7.3	7.5	7.8	7.1	7.5	9.1	8.8	8.9	10.8	10.4	10.5
7	7.9	7.2	7.5	8.0	7.2	7.6	9.4	8.9	9.0	10.7	10.4	10.5
8	7.5	6.3	6.8	7.8	7.3	7.5	9.3	8.9	9.1	10.7	10.4	10.5
9	6.7	6.2	6.4	7.9	7.4	7.6	9.3	9.0	9.1	10.8	10.5	10.7
10	7.1	6.3	6.7	8.0	7.4	7.8	9.3	9.0	9.1	10.9	10.7	10.7
11	7.1	6.6	6.8	---	---	---	9.4	9.1	9.3	10.7	10.5	10.6
12	7.4	6.6	6.9	---	---	---	9.4	9.3	9.3	10.7	10.5	10.6
13	7.6	6.6	7.2	---	---	---	9.4	9.1	9.3	10.7	10.5	10.6
14	7.0	6.7	6.9	8.0	7.5	7.7	9.7	9.4	9.5	10.8	10.5	10.6
15	6.9	6.0	6.4	7.9	7.6	7.8	9.9	9.5	9.6	10.8	10.5	10.7
16	7.0	6.2	6.6	7.8	7.5	7.7	10.0	9.5	9.7	10.8	10.5	10.6
17	7.2	6.5	6.8	7.8	7.6	7.7	9.8	9.4	9.6	10.9	10.7	10.8
18	7.3	6.5	6.8	8.0	7.5	7.7	9.7	9.5	9.6	10.9	10.6	10.7
19	7.3	6.5	6.9	8.0	7.5	7.6	9.7	9.5	9.6	11.2	10.8	11.0
20	---	---	---	7.8	7.3	7.6	9.9	9.5	9.7	11.3	11.0	11.2
21	---	---	---	7.8	7.4	7.6	10.1	9.7	9.8	11.4	11.0	11.2
22	---	---	---	7.9	7.6	7.7	10.2	9.8	10.0	11.2	11.0	11.0
23	7.1	6.8	7.0	8.0	7.6	7.8	10.3	9.6	10.0	11.2	10.9	11.1
24	7.2	6.9	7.0	8.2	7.8	7.9	9.9	9.6	9.7	11.4	11.0	11.2
25	7.1	6.8	7.0	8.3	7.8	8.0	10.2	9.7	9.9	11.4	11.1	11.2
26	7.5	6.7	7.1	8.4	7.9	8.0	10.2	9.8	10.0	11.5	11.2	11.3
27	7.5	6.8	7.2	8.3	8.0	8.1	10.3	9.8	10.0	11.5	11.2	11.3
28	7.6	6.8	7.2	8.5	8.0	8.2	10.4	10.0	10.1	11.4	11.1	11.3
29	7.5	7.1	7.3	8.5	8.1	8.3	10.5	9.8	10.2	11.6	11.2	11.4
30	7.4	7.0	7.2	8.7	8.3	8.5	10.5	9.8	10.1	11.3	11.2	11.3
31	7.6	6.8	7.2	---	---	---	10.6	9.9	10.2	11.5	11.2	11.3
MONTH	---	---	---	---	---	---	10.6	8.5	9.5	11.6	10.0	10.8

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	11.6	11.2	11.4	---	---	---	---	---	---	9.3	7.6	8.1
2	11.7	11.3	11.4	---	---	---	---	---	---	9.7	7.3	8.8
3	11.6	11.3	11.4	---	---	---	11.4	9.4	10.2	10.5	8.5	9.2
4	11.8	11.4	11.6	---	---	---	12.4	9.4	10.7	9.7	6.7	7.6
5	11.5	11.3	11.4	11.4	11.2	11.3	11.0	9.0	10.1	7.7	6.2	6.8
6	11.3	11.2	11.3	11.6	11.3	11.4	9.0	7.8	8.4	8.7	6.9	7.8
7	11.5	11.3	11.4	11.6	11.2	11.4	8.5	7.8	8.2	10.0	6.9	8.2
8	11.5	11.4	11.4	11.9	11.2	11.5	8.6	7.5	8.4	10.5	7.8	9.3
9	11.5	11.4	11.4	12.0	11.3	11.6	8.6	7.9	8.4	10.2	8.2	9.3
10	11.6	11.3	11.5	12.2	11.3	11.6	8.7	8.3	8.6	9.5	7.2	8.6
11	11.7	11.5	11.6	12.2	11.3	11.8	---	---	---	8.5	7.3	8.0
12	11.8	11.5	11.6	12.3	11.4	11.8	---	---	---	7.8	7.1	7.3
13	11.9	11.5	11.7	11.7	11.2	11.4	---	---	---	7.7	6.7	7.1
14	11.6	11.4	11.5	11.2	10.7	10.9	---	---	---	7.8	4.6	6.8
15	11.6	11.4	11.5	10.7	10.6	10.6	---	---	---	7.6	5.1	6.4
16	11.4	11.3	11.3	10.9	10.6	10.7	8.9	8.1	8.5	7.5	4.8	6.3
17	11.5	11.3	11.4	11.1	10.4	10.7	10.6	7.9	8.8	7.0	5.0	5.6
18	11.6	11.3	11.4	10.8	10.4	10.6	9.0	7.5	7.8	5.5	4.5	5.1
19	11.5	11.3	11.4	---	---	---	7.9	7.4	7.7	6.3	5.2	5.6
20	11.4	11.1	11.2	---	---	---	8.5	7.3	7.9	7.7	5.5	6.5
21	11.2	10.9	11.1	---	---	---	9.7	8.2	8.9	8.8	6.1	7.4
22	---	---	---	---	---	---	10.4	9.3	9.8	7.4	5.4	6.3
23	---	---	---	---	---	---	10.4	8.6	9.4	7.1	4.8	6.1
24	---	---	---	---	---	---	10.0	8.4	9.2	8.3	4.8	7.1
25	---	---	---	---	---	---	9.4	7.5	8.3	9.0	7.0	8.1
26	---	---	---	---	---	---	9.4	7.9	8.7	9.1	6.7	8.0
27	---	---	---	---	---	---	9.3	8.0	8.6	9.4	6.9	8.6
28	---	---	---	---	---	---	9.5	8.4	9.0	9.7	5.8	8.7
29	---	---	---	---	---	---	9.9	8.0	9.2	9.3	8.3	9.0
30	---	---	---	---	---	---	10.2	8.8	9.6	9.1	8.1	8.6
31	---	---	---	---	---	---	---	---	---	8.8	7.9	8.3
MONTH	---	---	---	---	---	---	---	---	---	10.5	4.5	7.6

SANTEE RIVER BASIN

02168500 LAKE MURRAY NEAR COLUMBIA, SC--Continued

Dissolved oxygen, Top, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	8.5	6.9	7.9	7.4	4.5	6.3	8.0	6.6	7.2	7.8	6.6	7.1
2	8.3	6.8	7.4	7.1	5.1	6.4	8.1	6.7	7.4	7.9	6.0	6.9
3	8.2	6.8	7.5	8.0	6.2	7.1	8.4	6.6	7.6	7.4	6.7	7.1
4	8.2	7.6	7.9	8.6	6.2	7.8	8.8	6.9	7.9	7.7	6.7	7.2
5	8.4	7.3	7.8	8.5	7.2	7.9	8.5	7.3	8.0	6.9	4.9	5.8
6	7.5	6.5	7.1	9.1	7.0	8.1	8.0	6.2	7.3	5.4	0.2	2.3
7	7.9	6.6	7.4	8.8	7.6	8.2	7.8	4.9	6.8	3.6	2.1	2.9
8	8.2	6.9	7.7	8.8	7.6	8.1	8.1	5.0	6.8	4.2	2.8	3.5
9	8.8	7.4	8.1	8.8	7.2	8.0	8.0	4.5	6.6	3.9	2.8	3.3
10	8.7	7.1	8.0	8.3	6.8	7.6	7.6	5.7	6.5	4.3	3.0	3.6
11	8.4	7.4	8.0	8.1	7.0	7.5	7.2	5.7	6.6	4.4	3.4	3.9
12	8.4	7.3	7.8	8.0	6.7	7.4	6.7	4.3	5.5	4.8	4.1	4.3
13	8.0	7.2	7.6	8.3	6.7	7.6	7.1	3.6	5.6	5.5	4.0	4.8
14	7.7	6.6	7.4	7.6	5.3	6.5	7.2	5.3	6.1	6.5	5.2	5.8
15	7.9	6.9	7.4	8.6	5.5	6.7	7.6	4.7	6.3	6.9	5.3	6.0
16	7.5	6.6	7.1	9.1	7.4	8.3	8.2	7.2	7.5	6.0	3.6	4.6
17	7.3	6.0	6.5	8.6	7.0	7.7	7.9	6.5	7.3	4.9	3.8	4.3
18	7.2	6.3	6.8	8.4	6.6	7.5	8.2	5.8	7.2	5.2	4.3	4.7
19	7.9	6.5	7.3	8.3	6.5	7.3	7.6	5.7	6.8	6.2	5.1	5.6
20	7.9	6.6	7.1	8.2	5.9	7.4	7.2	5.6	6.4	7.6	5.6	6.5
21	7.7	5.9	6.9	8.4	6.3	7.5	7.5	6.1	6.7	7.3	5.6	6.6
22	8.3	6.6	7.4	7.7	6.7	7.3	7.9	7.2	7.5	6.7	5.0	5.7
23	8.3	7.0	7.7	6.9	6.2	6.6	7.8	6.7	7.4	7.0	5.5	6.3
24	8.4	7.1	7.8	7.2	5.4	6.3	7.0	5.9	6.6	6.5	5.5	5.9
25	8.6	7.2	7.9	6.7	3.9	5.6	7.5	5.5	6.6	7.4	5.6	6.4
26	8.4	7.7	8.0	6.9	4.6	5.7	7.8	7.0	7.4	8.2	6.4	7.3
27	8.1	7.2	7.7	7.5	5.0	6.3	8.0	7.0	7.5	8.9	5.9	7.7
28	7.6	6.3	6.9	8.3	6.0	7.4	7.8	6.8	7.4	8.7	7.8	8.4
29	7.9	6.0	7.0	8.7	6.9	7.6	7.8	7.1	7.5	7.8	2.3	6.1
30	7.9	6.7	7.3	7.7	5.8	6.9	8.1	6.8	7.4	3.9	1.6	2.8
31	---	---	---	7.7	6.0	6.9	7.8	6.7	7.2	---	---	---
MONTH	8.8	5.9	7.5	9.1	3.9	7.2	8.8	3.6	7.0	8.9	0.2	5.4

SANTEE RIVER BASIN

02168500 LAKE MURRAY NEAR COLUMBIA, SC--Continued

Dissolved oxygen, Bottom, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	1.7	1.5	1.6	6.8	2.2	3.7	---	---	---	10.2	9.8	9.9
2	1.8	1.5	1.6	7.5	5.2	6.2	---	---	---	10.0	9.9	10.0
3	2.0	1.5	1.6	7.3	5.7	6.8	---	---	---	10.1	9.9	10.0
4	2.4	1.5	1.7	7.4	5.4	6.9	---	---	---	10.2	10.0	10.1
5	1.7	1.2	1.5	7.2	3.7	5.8	---	---	---	10.3	10.0	10.2
6	1.7	1.4	1.6	8.3	5.9	7.5	---	---	---	10.3	10.1	10.2
7	1.7	1.3	1.5	8.0	7.3	7.6	---	---	---	10.3	10.1	10.2
8	1.6	1.3	1.5	7.5	7.0	7.3	---	---	---	10.4	10.2	10.2
9	1.5	1.3	1.4	7.3	6.9	7.1	---	---	---	10.4	10.2	10.3
10	1.6	1.3	1.4	8.4	6.2	7.0	---	---	---	10.4	10.3	10.4
11	1.3	1.1	1.2	---	---	---	---	---	---	10.4	10.3	10.3
12	1.3	0.9	1.2	---	---	---	---	---	---	10.4	10.3	10.3
13	1.2	1.0	1.1	---	---	---	---	---	---	10.4	10.2	10.3
14	1.4	1.0	1.3	9.1	6.3	7.2	---	---	---	10.5	10.3	10.3
15	1.4	1.0	1.1	7.1	2.2	3.9	---	---	---	10.5	10.3	10.4
16	1.0	0.8	1.0	6.5	4.3	5.1	---	---	---	10.4	10.3	10.4
17	1.1	0.9	1.0	7.0	5.9	6.5	---	---	---	10.6	10.3	10.4
18	3.7	0.8	1.1	6.8	5.6	6.1	---	---	---	10.6	10.4	10.5
19	1.0	0.8	0.9	8.0	6.5	7.4	---	---	---	10.7	10.4	10.6
20	---	---	---	8.1	2.8	6.4	9.7	9.5	9.6	10.8	10.6	10.7
21	---	---	---	4.3	2.5	3.4	9.8	9.6	9.7	10.9	10.7	10.8
22	1.3	0.5	0.8	5.4	4.3	4.8	9.9	9.6	9.7	10.8	10.7	10.7
23	0.9	0.7	0.8	6.2	4.9	5.6	10.4	9.6	9.8	10.8	10.6	10.7
24	0.8	0.7	0.8	6.0	4.8	5.6	9.7	9.6	9.7	10.9	10.7	10.8
25	0.8	0.5	0.7	---	---	---	9.9	9.6	9.8	10.9	10.7	10.8
26	7.3	0.5	3.4	---	---	---	9.9	9.8	9.8	11.0	10.7	10.8
27	6.5	0.5	2.5	---	---	---	9.9	9.8	9.8	11.0	10.8	10.9
28	3.3	0.6	1.6	---	---	---	10.0	9.8	9.8	11.0	10.8	10.9
29	4.5	0.5	2.0	---	---	---	10.1	9.9	9.9	11.0	10.9	10.9
30	6.6	4.1	5.8	---	---	---	10.1	9.9	10.0	11.0	10.9	10.9
31	7.4	5.9	6.6	---	---	---	10.0	9.8	9.9	11.1	10.9	11.0
MONTH	---	---	---	---	---	---	---	---	---	11.1	9.8	10.5

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	11.0	10.9	11.0	11.3	11.2	11.3	10.2	9.7	9.9	7.2	6.7	7.0
2	11.1	10.9	11.0	11.5	11.2	11.3	---	---	---	7.4	6.5	6.9
3	11.1	10.9	11.0	11.5	11.4	11.4	---	---	---	6.9	6.5	6.7
4	11.2	11.0	11.1	11.6	11.3	11.4	---	---	---	6.7	6.2	6.4
5	11.1	11.0	11.0	11.3	11.2	11.2	---	---	---	6.9	6.2	6.7
6	11.0	10.9	11.0	11.4	11.0	11.2	---	---	---	6.8	6.1	6.5
7	11.2	10.9	11.1	11.2	11.0	11.1	---	---	---	6.9	6.5	6.7
8	11.2	11.1	11.1	11.2	10.9	11.1	---	---	---	6.9	6.4	6.6
9	11.2	11.1	11.1	11.2	10.8	11.0	---	---	---	6.9	6.3	6.5
10	11.3	11.0	11.1	11.1	10.8	10.9	---	---	---	6.8	6.2	6.4
11	11.3	11.2	11.2	11.6	10.8	11.0	---	---	---	6.5	6.2	6.3
12	11.3	11.2	11.3	11.0	10.7	10.8	---	---	---	6.5	6.2	6.3
13	11.4	11.1	11.3	11.0	10.7	10.8	---	---	---	6.5	6.1	6.2
14	11.4	11.2	11.3	10.8	10.6	10.7	---	---	---	6.3	6.0	6.2
15	11.4	11.3	11.3	10.6	10.5	10.6	---	---	---	6.2	5.7	6.0
16	11.3	11.2	11.3	10.8	10.5	10.7	8.4	8.0	8.2	6.2	5.7	5.9
17	11.4	11.3	11.3	10.6	10.5	10.6	8.2	7.7	8.0	6.2	5.8	5.9
18	11.5	11.3	11.3	10.6	10.3	10.5	8.0	7.6	7.8	6.1	5.9	6.0
19	11.4	11.2	11.3	10.7	10.4	10.5	8.1	7.7	8.0	5.9	5.7	5.8
20	11.4	11.2	11.3	10.6	10.4	10.5	8.1	7.6	7.9	6.1	5.7	5.9
21	11.4	11.2	11.3	10.8	10.3	10.6	7.9	7.5	7.6	6.0	5.5	5.7
22	11.4	11.2	11.3	10.7	10.4	10.5	7.9	7.4	7.6	5.8	5.5	5.6
23	11.5	11.3	11.4	10.6	10.3	10.5	8.0	7.2	7.6	5.7	5.3	5.5
24	11.5	11.3	11.3	10.5	10.3	10.4	7.5	7.1	7.3	5.8	5.4	5.6
25	11.3	11.2	11.3	10.6	10.0	10.3	7.5	7.0	7.3	5.6	5.1	5.4
26	11.3	11.1	11.2	11.3	10.1	10.2	7.4	6.6	6.9	5.3	5.0	5.2
27	11.3	11.2	11.2	10.4	10.0	10.1	7.4	6.6	7.0	5.3	4.7	5.0
28	11.3	11.2	11.3	10.3	9.9	10.0	7.2	6.5	6.9	8.6	4.8	5.3
29	---	---	---	10.4	9.9	9.9	7.1	6.5	6.8	5.3	4.8	5.0
30	---	---	---	11.8	9.6	9.9	7.1	6.6	6.8	5.4	4.5	4.9
31	---	---	---	10.0	9.6	9.8	---	---	---	5.1	4.6	4.8
MONTH	11.5	10.9	11.2	11.8	9.6	10.7	---	---	---	8.6	4.5	6.0

SANTEE RIVER BASIN

02168500 LAKE MURRAY NEAR COLUMBIA, SC--Continued

Dissolved oxygen, Bottom, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	5.2	4.5	4.8	2.3	1.9	2.1	0.5	0.3	0.4	1.0	0.4	0.6
2	5.0	4.3	4.6	2.2	1.8	2.0	0.4	0.2	0.3	1.0	0.4	0.6
3	4.5	4.3	4.4	2.6	1.8	2.1	0.4	0.1	0.3	0.7	0.5	0.5
4	4.7	4.2	4.4	2.1	1.7	1.9	0.3	0.1	0.2	2.1	0.4	0.7
5	4.8	4.0	4.3	2.0	1.7	1.9	0.4	0.1	0.2	0.5	0.0	0.3
6	4.4	3.9	4.1	2.2	1.7	1.9	0.6	0.0	0.2	0.4	0.0	0.1
7	4.0	3.5	3.8	4.6	1.7	2.0	1.6	0.0	0.2	0.8	0.1	0.3
8	4.2	3.6	3.8	1.9	1.4	1.7	0.3	0.0	0.1	2.0	0.2	1.0
9	6.3	3.6	4.0	1.9	1.4	1.6	2.0	0.0	0.3	3.6	1.3	2.2
10	5.6	3.5	3.8	1.7	1.4	1.5	1.4	0.0	0.1	3.1	0.6	2.0
11	3.9	3.4	3.6	2.1	1.4	1.6	0.3	0.0	0.1	4.2	1.2	2.4
12	4.5	3.3	3.5	3.7	1.3	1.5	0.3	0.0	0.1	6.4	2.0	4.6
13	5.8	3.2	3.4	1.5	1.2	1.3	1.6	0.0	0.2	8.9	5.2	6.6
14	3.8	3.1	3.3	1.4	1.1	1.3	0.5	0.0	0.2	6.5	1.5	4.2
15	5.5	3.1	3.4	3.0	1.2	1.4	1.4	0.0	0.2	5.4	1.6	3.4
16	3.4	3.1	3.2	1.4	1.2	1.2	0.4	0.0	0.1	3.9	2.0	2.9
17	3.5	3.0	3.3	1.4	1.1	1.2	0.4	0.0	0.1	4.9	1.8	3.1
18	4.3	3.0	3.2	1.2	1.0	1.1	0.3	0.0	0.1	8.8	4.5	7.0
19	3.4	2.9	3.1	1.2	0.9	1.0	0.4	0.1	0.2	8.7	5.7	7.8
20	3.3	2.8	3.0	1.2	0.9	1.0	0.7	0.2	0.4	8.1	4.1	6.6
21	3.8	2.7	2.9	1.1	0.9	0.9	0.9	0.3	0.5	6.3	2.7	4.3
22	2.9	2.6	2.7	1.1	0.8	0.9	1.7	0.4	0.6	5.3	2.7	3.8
23	3.0	2.5	2.6	0.9	0.7	0.8	0.8	0.5	0.6	7.2	1.9	4.9
24	3.0	2.4	2.6	1.1	0.7	0.8	0.9	0.5	0.7	6.7	3.7	4.8
25	5.0	2.4	2.7	2.2	0.6	0.8	2.8	0.5	0.8	9.0	5.8	7.2
26	2.9	2.4	2.5	1.2	0.6	0.7	0.9	0.5	0.6	8.4	3.8	6.8
27	4.2	2.2	2.4	0.7	0.5	0.6	1.1	0.5	0.7	7.4	3.3	5.1
28	2.4	2.0	2.2	1.9	0.5	0.7	1.3	0.5	0.6	9.4	2.7	5.9
29	2.4	2.0	2.2	0.7	0.4	0.6	0.8	0.5	0.6	10.0	2.3	5.4
30	5.9	1.9	2.3	0.6	0.4	0.5	1.0	0.5	0.6	6.8	1.7	4.8
31	---	---	---	0.5	0.3	0.4	0.9	0.5	0.6	---	---	---
MONTH	6.3	1.9	3.3	4.6	0.3	1.3	2.8	0.0	0.4	10.0	0.0	3.7

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. Data prior to October 1986 are in files of the U.S. Geological Survey.

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, 85.92 ft, Mar. 21; minimum gage height, 72.50 ft, May 30.

Gage height, feet WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	76.10	74.05	75.14	76.76	76.61	76.70	76.94	76.86	76.89
2	74.65	74.11	74.36	76.00	74.00	75.06	80.14	76.33	76.70	76.88	76.70	76.83
3	78.17	74.29	76.47	76.00	73.97	74.30	76.96	76.29	76.51	76.85	76.79	76.82
4	77.50	74.23	75.70	77.56	74.15	75.45	84.59	76.60	78.09	76.93	76.81	76.85
5	76.76	74.62	75.49	76.49	73.91	75.29	78.06	75.37	77.19	77.11	76.76	76.93
6	76.53	74.71	75.61	76.10	74.40	75.57	78.31	75.39	76.84	76.79	76.75	76.77
7	77.92	74.67	75.79	76.33	73.95	75.82	76.06	75.35	75.75	77.12	76.76	76.95
8	75.01	73.25	74.23	76.29	74.14	75.76	76.06	76.03	76.05	76.81	76.76	76.78
9	74.17	74.09	74.13	76.04	73.87	74.01	76.04	74.07	75.25	76.80	76.77	76.79
10	84.26	74.05	75.44	73.90	73.87	73.88	74.46	74.07	74.21	76.78	74.42	75.30
11	75.92	73.96	74.41	79.27	73.87	75.86	74.45	74.42	74.44	76.78	76.75	76.77
12	76.01	73.96	74.83	76.98	74.02	75.67	75.23	74.40	74.72	76.80	76.76	76.77
13	74.14	74.10	74.12	76.50	74.28	75.79	76.59	75.20	75.76	76.83	76.56	76.74
14	76.82	74.06	75.11	76.49	74.16	75.17	76.90	76.54	76.63	77.53	76.55	76.86
15	76.35	73.95	75.25	76.48	74.01	75.80	82.66	76.55	77.16	76.60	75.34	76.05
16	76.10	74.08	75.03	76.82	74.41	75.88	77.18	76.64	76.99	75.37	75.33	75.35
17	75.90	74.03	75.09	76.79	74.12	76.01	77.15	77.08	77.10	75.36	75.33	75.34
18	76.64	73.51	74.64	76.97	76.77	76.85	77.18	77.07	77.12	75.38	75.33	75.35
19	74.37	73.97	74.10	76.94	76.50	76.71	77.16	73.48	76.96	76.98	75.35	75.43
20	74.40	74.36	74.38	76.56	76.50	76.53	76.90	73.16	76.11	75.85	73.28	74.61
21	76.60	74.19	74.99	76.55	74.32	76.39	76.44	76.38	76.40	73.38	72.95	73.21
22	83.13	74.05	76.07	76.54	76.48	76.50	76.42	76.39	76.41	73.01	72.94	72.97
23	75.23	73.95	74.06	76.55	76.51	76.54	76.42	76.38	76.40	75.35	72.98	73.06
24	76.07	74.05	75.18	76.57	76.54	76.56	77.08	76.38	76.62	75.82	73.01	73.90
25	75.89	74.09	75.21	76.60	76.54	76.56	80.07	76.30	77.68	73.22	73.15	73.18
26	74.78	74.37	74.40	76.95	76.58	76.72	79.29	76.33	76.79	73.18	73.13	73.16
27	76.18	74.12	74.55	76.97	76.63	76.92	76.78	76.70	76.74	73.36	73.13	73.25
28	---	---	---	76.98	76.61	76.84	76.77	76.26	76.47	73.80	73.07	73.55
29	---	---	---	76.80	76.75	76.77	76.28	76.22	76.26	74.78	73.05	74.16
30	---	---	---	76.79	76.75	76.77	76.61	76.22	76.42	74.78	74.76	74.77
31	74.84	74.05	74.52	---	---	---	76.95	76.31	76.72	76.15	74.76	75.67
MONTH	---	---	---	79.27	73.87	75.90	84.59	73.16	76.43	77.53	72.94	75.39

SANTEE RIVER BASIN

02168501 LAKE MURRAY TAILRACE NEAR COLUMBIA, SC--Continued

Gage height, feet
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	77.67	72.85	75.72	75.52	75.49	75.51	77.38	73.45	74.07	79.84	73.33	74.68
2	76.25	76.12	76.14	77.03	75.49	76.41	77.45	73.26	73.86	79.74	73.70	74.87
3	76.13	74.98	75.45	81.83	76.97	78.13	73.37	72.97	73.05	73.87	73.80	73.83
4	75.01	74.97	74.99	77.72	75.65	76.50	83.32	73.00	75.52	73.84	73.79	73.82
5	77.08	73.37	74.20	75.68	75.61	75.65	83.16	73.73	78.43	80.88	73.81	75.00
6	73.44	73.40	73.42	85.23	75.61	81.23	75.21	73.58	73.80	84.44	73.89	79.15
7	73.96	73.42	73.71	85.35	85.21	85.28	83.48	73.72	78.65	85.13	75.30	81.59
8	73.95	73.93	73.94	85.25	85.13	85.18	83.62	79.08	83.20	84.95	74.53	80.51
9	73.95	73.93	73.93	85.25	85.19	85.22	83.59	76.98	79.93	80.29	74.21	77.64
10	75.21	73.92	74.85	85.20	78.58	82.08	84.51	80.17	83.71	80.15	74.86	77.91
11	77.56	74.94	75.32	79.93	78.57	79.79	84.17	79.12	82.57	75.01	74.86	74.90
12	79.74	75.00	78.20	80.75	79.89	80.23	83.56	77.19	81.31	78.67	74.81	75.01
13	79.89	77.85	78.85	81.35	78.72	80.10	82.62	77.52	80.81	75.06	74.52	74.89
14	79.54	74.37	76.08	82.22	78.29	80.04	81.66	77.28	78.26	75.04	72.85	73.85
15	74.40	74.25	74.33	82.04	77.23	78.46	81.18	77.39	78.42	72.86	72.84	72.85
16	79.84	72.63	75.47	81.57	76.57	77.20	77.51	75.73	76.45	79.55	72.84	74.47
17	79.31	75.17	77.26	79.70	76.56	77.33	79.88	74.91	76.10	75.23	73.21	73.98
18	76.55	74.41	76.25	83.33	76.79	79.94	83.87	74.26	77.26	75.02	73.20	74.35
19	77.78	75.40	76.01	81.81	77.28	79.71	84.51	76.32	80.72	76.33	73.75	75.35
20	75.42	75.38	75.40	85.57	76.26	82.07	82.51	74.94	79.43	81.65	73.42	76.72
21	75.40	75.36	75.38	85.92	83.09	85.01	83.31	81.18	82.60	83.37	74.69	81.16
22	75.41	75.35	75.38	84.72	84.57	84.68	83.49	77.89	82.61	83.40	75.12	78.40
23	83.14	75.36	78.37	84.87	84.62	84.69	84.05	76.66	80.41	83.41	75.00	79.18
24	82.35	75.35	78.37	84.85	82.90	84.26	76.66	73.83	76.04	83.57	75.57	80.72
25	79.24	78.91	79.05	84.35	80.11	83.54	84.49	73.40	79.19	83.57	83.53	83.55
26	79.20	75.29	77.45	84.33	77.65	82.37	79.32	73.45	74.56	83.56	82.77	83.50
27	82.65	75.28	78.16	83.65	75.70	81.67	74.82	73.05	73.53	83.56	77.46	81.63
28	78.30	75.30	75.63	83.18	76.20	77.79	79.46	73.05	74.39	80.57	74.82	77.20
29	---	---	---	81.57	76.15	77.03	79.28	73.41	74.65	78.34	72.85	76.30
30	---	---	---	---	---	---	82.86	73.07	76.36	73.81	72.50	72.96
31	---	---	---	83.52	73.56	77.36	---	---	---	82.28	73.81	75.97
MONTH	83.14	72.63	75.98	---	---	---	84.51	72.97	78.00	85.13	72.50	76.97

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	74.38	72.90	73.28	84.80	73.36	79.87	74.72	73.93	74.17	74.12	73.81	73.85
2	75.79	72.63	73.67	84.61	75.72	78.68	73.96	73.93	73.95	74.26	73.81	73.88
3	72.63	72.60	72.62	84.55	74.83	79.26	82.77	73.94	75.05	74.65	73.82	73.99
4	78.73	72.60	74.16	77.02	74.67	75.34	81.52	74.72	76.35	74.54	73.84	74.08
5	83.08	73.08	76.56	77.23	74.53	76.05	79.69	75.16	76.19	73.92	73.84	73.86
6	83.63	73.16	79.67	77.61	76.55	76.90	78.60	75.04	75.60	73.86	73.84	73.85
7	83.53	72.96	78.33	76.90	74.96	75.68	85.20	75.56	80.65	73.88	73.85	73.86
8	74.76	72.72	72.93	79.62	74.97	77.12	78.20	75.18	76.51	75.10	73.86	73.99
9	84.42	72.70	77.87	83.56	74.51	78.80	78.85	74.85	75.74	74.89	73.96	74.32
10	82.16	73.32	76.72	80.20	74.33	75.99	75.80	75.25	75.35	78.29	73.97	74.44
11	83.53	73.55	77.39	80.44	75.36	78.24	75.29	75.23	75.27	74.04	74.02	74.03
12	77.67	73.23	74.68	81.20	75.75	77.27	78.96	73.90	75.21	74.52	74.00	74.05
13	73.34	73.27	73.29	75.79	75.74	75.76	78.59	74.21	74.73	74.41	74.00	74.14
14	73.86	73.28	73.40	76.71	73.82	75.31	78.87	74.40	75.33	74.39	74.01	74.16
15	81.36	73.30	74.38	80.90	75.24	76.72	75.66	74.39	74.46	74.26	73.37	73.94
16	79.82	73.64	75.40	79.05	74.39	75.87	74.44	74.40	74.42	73.62	73.37	73.53
17	82.56	73.63	76.19	77.25	74.32	75.79	77.31	74.37	74.78	73.69	73.61	73.62
18	81.57	73.43	77.46	76.38	74.93	75.43	81.41	74.36	77.31	73.61	73.59	73.60
19	81.54	73.57	79.63	75.43	74.74	75.29	80.62	74.12	77.54	73.60	73.59	73.60
20	80.27	73.64	76.89	75.46	75.38	75.41	83.82	74.32	77.31	73.60	73.59	73.59
21	73.71	73.59	73.61	75.44	74.66	75.24	79.42	74.85	77.60	73.60	73.59	73.59
22	73.68	73.61	73.65	79.93	75.19	75.86	78.71	75.24	76.67	74.12	73.39	73.77
23	74.76	73.66	74.10	81.50	75.23	76.88	78.71	75.07	75.50	73.39	73.29	73.36
24	80.46	73.38	74.67	75.51	73.45	75.05	75.07	74.53	74.75	73.31	73.29	73.30
25	78.58	73.72	75.16	75.19	75.14	75.17	75.13	74.46	74.71	74.15	73.29	73.55
26	80.98	73.94	75.72	80.82	75.13	75.62	77.81	74.42	75.30	74.15	74.13	74.14
27	74.24	73.37	73.77	75.19	75.12	75.15	75.21	74.11	74.55	74.13	74.12	74.13
28	73.39	73.37	73.38	75.17	74.81	75.11	77.00	74.18	74.39	74.39	74.02	74.24
29	75.39	73.37	73.85	79.78	73.99	75.21	74.50	73.81	74.15	74.50	74.20	74.35
30	82.23	73.04	74.11	73.99	73.94	73.95	78.97	73.81	74.74	74.20	74.18	74.19
31	---	---	---	76.74	73.95	75.06	76.31	73.81	74.03	---	---	---
MONTH	84.42	72.60	75.22	84.80	73.36	76.23	85.20	73.81	75.56	78.29	73.29	73.90

02168504 SALUDA RIVER BELOW LAKE MURRAY NEAR COLUMBIA, SC

LOCATION.--Lat 34°03'03'', long 81°12'35'', Lexington County, Hydrologic Unit Code 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.--Records good except for estimated daily discharges, which are poor. Flow regulated by Lake Murray (see station 02168500). Water diverted above station by City of Columbia for municipal supply.

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	2150	2910	4260	4420	3410	3060	1710	2410	998	10100	2050	1490
2	1860	2750	4550	4370	3750	3990	1570	2630	1310	7450	1820	1510
3	4230	1890	4330	4380	3080	6210	881	1470	586	8700	3180	1610
4	3450	3130	6440	4410	2660	4180	3980	1460	2110	2710	4350	1690
5	3250	2910	4860	4480	1900	3210	7250	2630	5180	3800	3960	1470
6	3450	3370	4520	4290	1190	11600	1390	8230	9590	4900	3410	1470
7	3320	3710	3330	4530	1450	18600	7740	12000	7510	3540	10100	1480
8	1740	3650	3650	4300	1660	18400	14300	9880	800	5150	4400	1610
9	1620	1550	2720	4300	1650	18500	8990	5810	6690	7510	3590	1960
10	3280	1420	1540	2920	2520	12600	15400	6300	5040	3580	2930	2190
11	e2290	3830	1750	4340	3000	8410	13300	2400	5970	6740	2800	1660
12	e2300	3460	2030	4350	6450	9260	11100	2610	2180	5180	2860	1670
13	e1700	3430	3050	4320	7090	9080	10200	2480	920	3090	2640	1760
14	e2790	2710	3910	4470	3810	9080	6390	1550	1010	2900	3260	1760
15	e2950	3390	4750	3610	1950	6660	6640	724	2090	4890	2370	1350
16	e2860	3380	4330	2950	3410	4900	3870	2220	3210	3810	2370	964
17	2850	e3620	4460	2950	4940	5080	3430	1710	4170	3710	2590	1020
18	2200	e4420	4490	2960	3800	9090	5740	2110	5910	3330	5380	998
19	1720	e4170	4310	3040	3560	8510	10200	2980	8570	3210	5530	991
20	2000	e3950	3630	2170	2970	13200	8380	4990	5110	3330	5360	987
21	2390	4020	3910	1000	2950	18200	13200	11000	1140	3210	5210	985
22	3960	4120	3910	840	2950	17700	13200	7070	1170	3930	4710	1360
23	1610	4160	3910	921	6700	17800	9260	8260	1570	5110	3410	1020
24	2920	4180	4170	1590	6660	16600	3210	10800	2330	3010	2730	952
25	2990	4190	5630	1000	7510	14800	8510	14900	2880	3160	2670	1250
26	1880	4320	4390	e913	5450	13100	2210	14800	3540	3680	3240	1730
27	2050	4550	4290	e951	6410	12000	1180	11500	1300	3150	2390	1710
28	2960	4410	3990	1310	3220	6000	2230	5270	1020	3100	2220	1880
29	3800	4320	3750	1890	---	4990	2280	4290	1420	3220	1850	1880
30	2810	4310	3910	2430	---	3880	4710	792	1900	1860	2390	1660
31	2160	---	4230	3270	---	5890	---	4170	---	2900	1680	---
TOTAL	81540	106230	123000	93675	106100	314580	202451	169446	97224	133960	107450	44067
MEAN	2630	3541	3968	3022	3789	10150	6748	5466	3241	4321	3466	1469
MAX	4230	4550	6440	4530	7510	18600	15400	14900	9590	10100	10100	2190
MIN	1610	1420	1540	840	1190	3060	881	724	586	1860	1680	952
CFSM	1.09	1.46	1.64	1.25	1.57	4.19	2.79	2.26	1.34	1.79	1.43	0.61
IN.	1.25	1.63	1.89	1.44	1.63	4.84	3.11	2.60	1.49	2.06	1.65	0.68

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 2003, BY WATER YEAR (WY)

	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
MEAN	2442	2195	2356	2925	3524	3990	2483	1872	1838	2259	2590	2667			
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	1156	421	370	396	590	518	497	470	466	595	691	675			
(WY)	2000	2000	1991	1989	2001	2001	1995	1999	1999	2000	1999	1999			

SANTEE RIVER BASIN

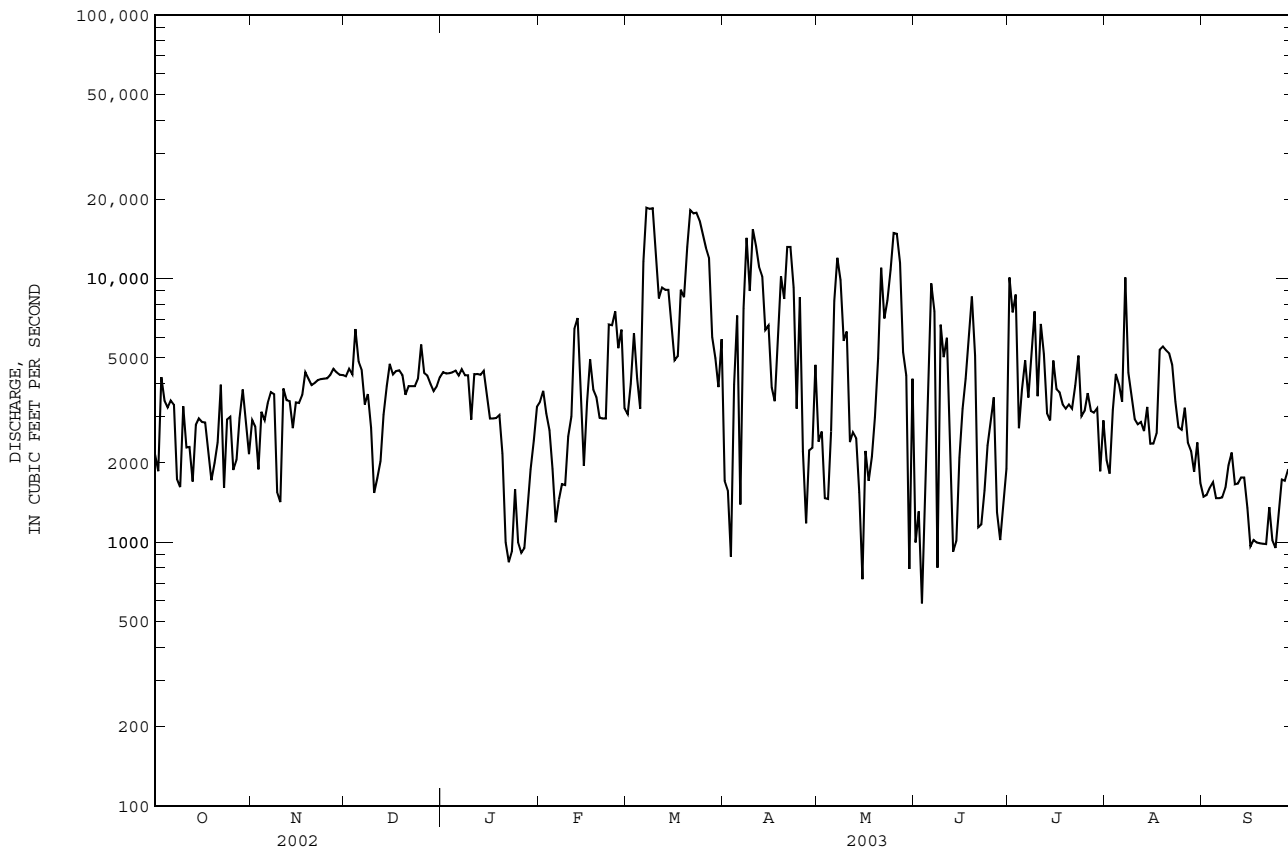
02168504 SALUDA RIVER BELOW LAKE MURRAY NEAR COLUMBIA, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1989 - 2003	
ANNUAL TOTAL	571125		1579723		2591	
ANNUAL MEAN	1565		4328		4328	
HIGHEST ANNUAL MEAN					1037	
LOWEST ANNUAL MEAN					21800	
HIGHEST DAILY MEAN	6440	Dec 4	18600	Mar 7	21800	Jan 16 1995
LOWEST DAILY MEAN	220	Mar 3	586	Jun 3	155	a Sep 24 1989
ANNUAL SEVEN-DAY MINIMUM	437	May 16	1030	Jan 21	168	Jan 12 1989
MAXIMUM PEAK FLOW			20000		22400	
MAXIMUM PEAK STAGE			15.88		b 16.01	
ANNUAL RUNOFF (CFSM)	0.65		1.79		1.07	
ANNUAL RUNOFF (INCHES)	8.78		24.28		14.55	
10 PERCENT EXCEEDS	3910		9030		6090	
50 PERCENT EXCEEDS	999		3410		1660	
90 PERCENT EXCEEDS	459		1440		441	

a Also occurred Sep. 25, 29, 1989.

b Caused by backwater from spillway floodgates.

e Estimated



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. Prior to November 26, 2002, USGS mini-monitor at same location.

REMARKS.--Temperature records rated excellent. Dissolved oxygen records rated excellent except for July 1-8, and Aug. 13-17, which are good, Oct. 16 to Nov. 7, Jan. 3 to Feb. 28, and Apr. 2-12, which are fair, and Oct. 1-8, Apr. 13-23, and Aug. 18 to Sep. 25, 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, 23.8 C, Sep. 29; minimum, 7.6°C, Feb. 2, 3.

DISSOLVED OXYGEN: Maximum, 12.3 mg/L, Apr. 2; minimum, 0.3 mg/L, Sep. 10.

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	15.0	14.4	14.6	---	---	---	15.1	14.8	15.0	10.4	10.2	10.3
2	15.2	14.4	14.7	---	---	---	14.9	14.6	14.8	10.2	10.1	10.2
3	14.8	13.6	14.6	15.6	14.8	15.1	14.7	14.4	14.6	10.5	10.1	10.2
4	14.8	13.9	14.5	15.6	15.3	15.5	14.4	14.1	14.2	10.5	10.3	10.4
5	14.9	13.6	14.4	15.6	15.3	15.5	14.1	13.9	14.0	10.4	10.1	10.3
6	14.9	13.7	14.3	15.9	15.1	15.6	13.9	13.5	13.7	10.3	10.1	10.2
7	15.0	13.8	14.5	15.9	14.7	15.6	13.5	13.1	13.4	10.3	10.1	10.2
8	---	---	---	15.9	15.5	15.8	13.1	12.8	13.0	10.2	9.9	10.1
9	15.0	14.7	14.8	16.3	15.6	15.8	12.8	12.5	12.7	10.1	9.9	10.0
10	15.6	14.8	15.1	16.4	15.6	15.9	12.5	12.4	12.4	10.4	10.0	10.2
11	---	---	---	16.4	15.4	15.6	12.5	12.3	12.4	10.1	9.8	9.9
12	---	---	---	15.9	15.1	15.6	12.5	12.2	12.3	9.9	9.8	9.8
13	---	---	---	16.1	14.7	15.5	12.2	11.9	12.1	9.8	9.6	9.8
14	---	---	---	16.3	15.6	15.9	12.4	12.1	12.2	9.7	9.5	9.6
15	---	---	---	15.7	14.9	15.4	12.2	11.9	12.1	9.7	9.4	9.5
16	---	---	---	15.6	15.4	15.5	12.1	11.9	12.0	9.6	9.3	9.4
17	15.4	14.9	15.1	---	---	---	11.9	11.6	11.8	9.5	9.2	9.4
18	15.5	14.4	15.0	---	---	---	11.6	11.5	11.6	9.4	9.0	9.2
19	---	---	---	---	---	---	11.5	11.3	11.4	9.2	8.8	9.0
20	15.6	14.9	15.1	---	---	---	11.8	11.3	11.5	9.2	8.6	8.8
21	15.2	15.0	15.1	16.5	15.9	16.2	11.8	11.5	11.6	9.8	8.9	9.3
22	15.4	14.9	15.1	16.8	16.1	16.5	11.6	11.4	11.5	9.6	8.7	9.2
23	15.4	15.0	15.1	---	---	---	11.5	11.2	11.4	9.1	8.3	8.7
24	15.4	15.0	15.2	---	---	---	11.3	11.1	11.2	8.8	8.1	8.4
25	15.2	15.1	15.2	16.3	14.6	15.6	11.4	11.0	11.2	8.9	8.0	8.3
26	15.5	15.1	15.2	---	---	---	11.0	10.8	10.9	8.7	8.0	8.2
27	15.4	15.2	15.3	---	---	---	10.9	10.7	10.8	---	---	---
28	15.4	15.2	15.3	15.7	15.4	15.6	10.9	10.6	10.7	8.3	7.7	7.9
29	15.6	15.2	15.3	15.5	15.3	15.4	10.8	10.5	10.6	8.1	7.8	7.9
30	15.4	15.2	15.3	15.5	15.1	15.3	10.7	10.4	10.6	7.9	7.7	7.8
31	15.4	14.9	15.1	---	---	---	10.5	10.3	10.4	7.9	7.7	7.8
MONTH	---	---	---	---	---	---	15.1	10.3	12.2	---	---	---

SANTEE RIVER BASIN

02168504 SALUDA RIVER BELOW LAKE MURRAY NEAR COLUMBIA, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	9.0	7.7	8.0	8.4	8.3	8.3	11.7	9.5	11.2	13.0	11.1	12.4
2	7.8	7.6	7.7	8.5	8.4	8.4	11.6	9.9	11.0	12.7	11.9	12.2
3	8.0	7.6	7.8	8.7	8.4	8.5	10.9	9.7	10.3	12.4	12.0	12.2
4	8.4	7.7	7.9	8.8	8.5	8.6	10.8	9.7	10.1	12.5	12.0	12.2
5	8.6	7.7	8.0	8.8	8.6	8.7	11.2	9.9	10.5	12.9	11.9	12.3
6	8.1	7.8	7.9	8.8	8.4	8.6	11.8	10.7	11.2	13.0	11.8	12.5
7	8.2	7.9	8.0	8.6	8.5	8.6	10.8	10.2	10.5	13.0	12.3	12.7
8	8.5	7.9	8.1	8.8	8.6	8.7	10.9	10.2	10.4	14.0	12.3	13.1
9	8.6	8.1	8.3	8.7	8.6	8.6	10.6	10.1	10.3	---	---	---
10	8.5	8.1	8.3	8.7	8.5	8.6	11.3	10.2	10.5	13.4	12.9	13.1
11	8.6	8.3	8.4	8.6	8.5	8.6	10.8	10.2	10.6	13.6	13.2	13.4
12	8.7	8.3	8.5	8.7	8.5	8.6	11.2	10.4	10.6	13.7	11.7	13.4
13	8.6	8.3	8.4	8.9	8.6	8.7	11.2	10.3	10.9	14.0	13.2	13.4
14	8.5	8.3	8.3	9.0	8.7	8.7	11.4	10.3	10.6	---	---	---
15	8.6	8.2	8.4	9.0	8.6	8.8	11.2	10.5	10.8	---	---	---
16	9.1	8.1	8.3	9.1	8.8	9.0	11.0	10.5	10.7	---	---	---
17	8.3	8.1	8.2	9.0	8.8	8.9	12.3	10.7	11.0	13.7	13.0	13.3
18	8.4	8.2	8.2	9.0	8.7	8.9	12.3	10.9	11.7	13.4	12.9	13.2
19	8.5	8.2	8.3	9.0	8.9	8.9	12.8	11.1	11.6	13.4	13.0	13.2
20	8.5	8.2	8.3	9.5	8.8	9.1	12.0	11.0	11.5	14.9	13.1	13.6
21	8.4	8.2	8.3	9.4	9.1	9.3	11.8	11.4	11.6	14.0	13.3	13.8
22	8.6	8.2	8.3	9.4	9.3	9.4	12.0	11.1	11.7	14.1	13.0	13.6
23	8.8	8.3	8.7	9.5	9.4	9.4	12.8	11.4	12.1	14.3	9.7	13.3
24	8.8	8.5	8.6	9.7	9.5	9.6	11.7	11.3	11.6	14.1	13.7	13.8
25	8.6	8.4	8.4	9.8	9.3	9.6	12.3	11.2	11.8	14.1	13.7	13.9
26	8.8	8.3	8.4	9.8	9.3	9.5	12.2	11.5	11.8	14.2	13.9	14.1
27	8.4	8.3	8.4	10.1	9.4	9.8	12.8	11.7	12.2	14.9	13.8	14.3
28	8.4	8.3	8.4	9.8	9.3	9.5	13.4	11.7	12.3	14.3	13.6	13.9
29	---	---	---	9.6	8.9	9.3	13.2	11.9	12.4	14.9	13.8	14.1
30	---	---	---	9.8	8.8	9.1	13.6	12.1	12.5	---	---	---
31	---	---	---	12.6	9.8	10.9	---	---	---	15.8	13.8	14.3
MONTH	9.1	7.6	8.2	12.6	8.3	9.0	13.6	9.5	11.2	---	---	---

DAY	MAX	MIN	MEAN	Temperature, water, degrees Celsius										
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN		
			JUNE			JULY			AUGUST			SEPTEMBER		
1	---	---	---	16.5	14.8	15.6	18.7	18.2	18.5	21.3	20.4	20.7		
2	---	---	---	17.0	15.2	15.6	18.6	18.2	18.4	21.2	20.5	20.7		
3	---	---	---	16.9	15.3	15.8	20.2	18.3	18.6	21.7	20.5	20.9		
4	15.3	13.9	14.3	16.6	15.4	15.6	21.1	18.3	19.1	21.6	20.6	21.0		
5	15.4	14.3	14.6	15.8	15.3	15.6	20.9	19.0	19.7	21.6	20.6	20.9		
6	14.7	14.2	14.5	15.9	15.6	15.8	21.2	18.8	19.6	21.1	20.7	20.8		
7	16.7	14.5	15.2	16.1	15.7	15.8	19.8	18.9	19.2	20.9	20.7	20.8		
8	16.3	14.8	15.5	17.8	15.8	16.2	19.5	19.0	19.1	21.1	20.7	20.8		
9	16.7	14.5	15.2	17.0	16.0	16.5	19.6	19.0	19.4	21.8	20.8	21.3		
10	15.3	14.3	14.7	17.2	15.6	16.3	20.1	19.1	19.8	22.4	20.8	21.1		
11	16.4	14.4	15.0	18.2	15.4	16.2	20.4	19.7	20.0	21.5	20.8	21.0		
12	15.8	14.5	15.1	17.1	16.4	16.6	20.1	19.0	19.6	21.6	20.8	21.0		
13	15.8	15.0	15.3	16.8	16.5	16.6	19.6	19.0	19.3	21.6	20.8	21.1		
14	16.0	15.1	15.4	18.6	16.5	16.9	19.7	19.1	19.3	21.7	20.9	21.2		
15	16.8	14.9	15.4	17.7	16.5	16.8	19.7	19.1	19.4	23.0	20.9	21.9		
16	15.7	14.5	14.8	17.2	16.6	16.9	19.7	19.2	19.4	22.2	21.6	21.9		
17	15.1	14.5	14.7	17.0	16.7	16.9	19.8	19.2	19.5	22.9	21.4	21.9		
18	16.5	14.5	15.2	17.2	16.8	17.0	20.8	19.5	19.8	22.5	21.3	21.8		
19	17.1	14.7	15.6	17.3	16.8	17.1	20.8	19.5	19.8	22.7	21.4	21.9		
20	15.4	14.6	14.9	17.3	17.0	17.2	21.4	19.5	19.9	22.7	21.5	22.0		
21	16.0	15.0	15.5	17.5	17.2	17.3	20.2	19.6	19.9	22.6	21.6	22.0		
22	15.8	14.9	15.3	19.0	17.1	17.6	21.6	19.7	20.2	22.0	21.4	21.7		
23	16.2	15.0	15.6	19.1	17.4	17.8	21.6	19.9	20.1	22.7	21.7	22.0		
24	16.9	14.9	15.6	18.0	17.5	17.6	20.3	19.9	20.1	22.8	21.5	22.0		
25	15.5	14.7	15.0	17.9	17.6	17.7	20.5	20.1	20.2	22.8	21.3	21.8		
26	17.6	14.7	15.4	18.2	17.7	17.8	22.7	20.1	20.5	21.9	21.2	21.5		
27	16.1	15.1	15.4	18.1	17.8	17.9	20.8	20.2	20.4	21.9	21.3	21.6		
28	15.9	15.6	15.7	18.3	17.9	18.0	22.6	20.2	20.6	23.7	21.4	22.7		
29	16.6	15.4	15.9	20.0	18.0	18.4	21.5	20.3	20.7	23.8	21.4	22.4		
30	17.5	15.3	16.0	18.4	18.0	18.1	23.3	20.4	21.1	22.0	21.3	21.6		
31	---	---	---	18.7	18.0	18.3	23.1	20.4	20.8	---	---	---		
MONTH	---	---	---	20.0	14.8	16.9	23.3	18.2	19.7	23.8	20.4	21.5		

SANTEE RIVER BASIN

02168504 SALUDA RIVER BELOW LAKE MURRAY NEAR COLUMBIA, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	9.8	4.1	8.3	8.4	6.3	7.3	8.5	8.0	8.2	10.0	9.8	9.9
2	10.0	8.5	9.0	8.5	5.4	6.6	8.3	7.7	8.0	10.0	9.9	9.9
3	8.9	2.4	4.9	9.0	6.7	8.3	---	---	---	10.0	9.8	9.9
4	8.9	3.0	7.0	8.5	1.3	4.9	---	---	---	10.1	9.9	10.0
5	9.4	5.8	7.7	8.7	1.7	4.7	---	---	---	10.1	9.8	9.9
6	9.1	6.6	7.7	7.3	6.0	6.6	---	---	---	10.0	9.9	10.0
7	8.8	1.9	6.2	8.4	5.9	6.8	---	---	---	10.2	9.9	10.1
8	---	---	---	8.3	5.6	6.7	---	---	---	10.2	10.0	10.1
9	8.8	8.4	8.6	9.1	6.3	8.3	---	---	---	10.2	10.0	10.1
10	8.9	1.4	7.3	9.0	7.9	8.3	---	---	---	10.5	9.6	10.1
11	---	---	---	8.1	5.5	6.3	---	---	---	9.9	9.8	9.8
12	---	---	---	8.1	5.1	6.3	---	---	---	10.0	9.8	9.9
13	---	---	---	7.8	2.8	4.7	9.4	9.1	9.2	10.0	9.9	9.9
14	---	---	---	5.4	2.4	3.8	9.6	9.1	9.4	10.0	9.9	9.9
15	---	---	---	4.4	2.5	3.1	10.0	9.3	9.7	10.3	9.9	10.0
16	---	---	---	4.9	2.1	3.3	9.8	9.5	9.7	10.4	10.1	10.2
17	8.9	6.6	7.5	---	---	---	9.8	9.4	9.5	10.5	10.1	10.3
18	9.0	5.2	7.7	---	---	---	9.8	9.6	9.7	10.5	10.2	10.3
19	8.9	7.9	8.3	---	---	---	9.8	9.6	9.7	10.8	10.2	10.5
20	9.2	8.3	8.6	---	---	---	9.9	9.6	9.8	11.0	10.3	10.6
21	8.5	3.3	6.2	5.8	4.3	5.0	10.0	9.8	9.9	11.1	10.2	10.5
22	8.5	1.2	6.4	7.5	5.5	6.6	9.9	9.7	9.8	11.4	10.2	10.6
23	9.6	7.3	8.6	9.8	7.1	7.8	9.9	9.6	9.7	11.4	10.2	10.6
24	8.2	6.6	7.1	8.9	7.3	8.0	9.7	9.6	9.6	11.2	10.4	10.7
25	7.6	5.7	6.6	9.2	7.9	8.3	10.0	9.4	9.7	11.6	10.6	10.9
26	8.9	6.2	8.4	---	---	---	10.0	9.6	9.9	11.5	10.6	10.9
27	8.7	4.9	7.8	---	---	---	10.1	9.9	9.9	---	---	---
28	8.4	6.1	7.1	8.9	8.4	8.7	10.2	9.8	10.0	11.4	10.7	11.0
29	8.2	1.1	6.5	8.5	8.2	8.4	10.2	10.0	10.1	11.0	10.7	10.8
30	8.4	6.1	7.2	8.6	8.2	8.5	10.2	9.9	10.1	11.0	10.8	10.9
31	8.6	7.5	8.1	---	---	---	10.1	9.9	9.9	11.0	10.8	10.9
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	11.9	10.7	11.0	---	---	---	11.8	9.4	11.1	7.5	6.3	7.1
2	10.8	9.9	10.0	---	---	---	12.3	10.2	11.2	7.8	6.4	7.3
3	11.2	9.9	10.7	---	---	---	12.2	10.5	11.2	7.8	7.3	7.5
4	11.2	11.0	11.1	12.2	11.7	11.9	11.5	9.4	10.5	7.8	7.3	7.5
5	11.8	10.8	11.3	12.1	11.9	12.0	11.8	9.2	10.1	7.9	6.5	7.3
6	11.9	11.2	11.4	11.9	11.4	11.6	11.9	11.1	11.6	8.0	6.1	6.9
7	11.8	11.3	11.5	11.5	11.4	11.5	11.4	9.1	10.1	7.2	6.3	6.5
8	11.9	11.4	11.6	11.5	11.3	11.4	9.5	9.0	9.1	7.6	6.1	6.3
9	11.8	11.3	11.5	11.4	11.3	11.3	9.5	8.9	9.2	---	---	---
10	11.9	11.2	11.3	11.4	11.2	11.3	9.2	8.7	9.0	7.7	5.7	6.4
11	11.7	11.3	11.5	11.4	11.1	11.2	9.0	8.7	8.9	7.5	6.8	7.2
12	11.7	11.3	11.4	11.2	11.1	11.2	8.8	8.6	8.7	8.3	6.0	7.5
13	11.5	11.3	11.5	11.2	11.0	11.1	9.3	8.6	8.7	8.5	6.5	7.3
14	11.9	11.4	11.7	11.2	10.9	11.0	9.3	8.4	9.1	---	---	---
15	12.0	11.6	11.8	11.2	10.9	11.1	9.0	8.3	8.7	---	---	---
16	11.7	11.3	11.6	11.2	11.0	11.1	8.6	8.1	8.5	---	---	---
17	11.7	11.3	11.5	11.1	10.7	11.0	10.4	7.8	8.6	7.0	5.7	6.3
18	11.8	11.4	11.6	10.8	10.7	10.7	11.0	7.8	9.5	6.7	5.5	6.0
19	11.8	11.3	11.6	11.1	10.6	10.7	9.4	7.6	8.0	6.3	5.4	5.6
20	11.7	11.5	11.5	11.1	10.6	10.7	9.9	7.5	8.1	6.7	4.9	5.7
21	11.7	11.4	11.6	10.6	10.5	10.6	7.9	7.5	7.6	7.8	4.9	5.2
22	11.6	11.4	11.5	10.5	10.5	10.5	7.8	7.3	7.5	8.1	4.9	6.2
23	11.6	11.2	11.4	10.5	10.4	10.4	9.1	7.3	7.6	8.9	4.8	6.4
24	11.9	11.2	11.5	10.4	10.2	10.3	8.4	7.4	7.5	7.6	4.8	5.7
25	11.5	11.3	11.4	10.4	10.1	10.2	8.7	6.7	7.4	4.9	4.7	4.8
26	12.0	11.4	11.6	10.6	10.0	10.2	8.6	6.8	8.1	4.8	4.6	4.7
27	11.7	11.2	11.4	10.9	9.5	9.9	8.7	8.0	8.3	5.5	4.6	4.9
28	---	---	---	10.0	9.5	9.7	9.1	6.7	7.9	7.8	4.7	5.8
29	---	---	---	10.3	9.8	10.0	8.0	6.6	7.3	8.0	5.0	6.7
30	---	---	---	10.4	10.0	10.2	8.1	6.4	7.0	---	---	---
31	---	---	---	12.2	9.4	10.5	---	---	---	9.2	4.7	7.3
MONTH	---	---	---	---	---	---	12.3	6.4	8.9	---	---	---

SANTEE RIVER BASIN

02168504 SALUDA RIVER BELOW LAKE MURRAY NEAR COLUMBIA, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	---	---	---	7.3	2.5	4.4	7.4	6.9	7.2	6.8	6.1	6.4
2	---	---	---	7.3	2.3	4.9	7.3	6.9	7.1	6.7	5.7	6.3
3	---	---	---	7.2	2.4	4.6	7.4	0.8	6.1	6.7	6.0	6.3
4	9.7	5.1	7.4	5.3	2.4	3.3	7.5	0.7	4.9	6.8	6.0	6.4
5	9.0	4.3	6.8	6.1	2.3	4.3	7.0	1.4	5.8	6.6	5.9	6.2
6	8.8	4.1	5.7	5.8	5.5	5.7	7.5	1.8	6.2	6.4	5.9	6.1
7	8.7	4.1	6.2	7.2	5.7	6.6	5.4	0.4	1.4	6.7	6.1	6.3
8	9.4	5.8	8.4	7.1	2.1	4.9	6.4	0.8	4.1	6.7	2.0	6.1
9	8.2	4.0	5.9	3.6	1.8	2.5	7.2	0.6	5.8	7.0	6.2	6.7
10	7.3	3.9	5.6	6.0	1.6	2.4	6.8	5.4	6.4	6.7	0.3	6.1
11	8.2	3.9	5.9	6.0	1.6	3.1	6.8	6.5	6.7	6.8	6.1	6.4
12	7.8	3.6	4.7	4.5	1.4	2.2	7.3	0.5	5.8	6.9	6.3	6.5
13	5.7	4.8	5.2	2.4	2.0	2.1	6.8	1.7	5.9	6.5	6.0	6.3
14	6.7	4.7	5.2	6.2	1.9	3.4	6.4	0.8	5.3	6.3	5.8	6.0
15	7.6	4.0	5.4	4.7	1.8	3.8	6.5	5.0	6.1	6.2	4.9	5.8
16	7.9	3.5	5.9	4.8	2.4	4.3	6.4	6.0	6.1	4.9	4.5	4.7
17	8.0	3.4	5.8	4.9	1.9	4.4	6.4	1.8	5.5	5.4	4.5	4.9
18	8.1	3.3	5.4	5.0	4.5	4.9	6.5	0.4	3.2	5.5	4.7	5.0
19	8.0	3.1	3.9	5.0	4.7	4.9	6.8	1.6	4.0	5.2	4.3	4.8
20	7.7	3.1	4.2	4.9	4.8	4.8	6.7	0.5	4.2	5.0	4.2	4.5
21	4.3	3.6	3.8	5.5	4.7	5.1	5.3	1.6	3.1	5.0	4.1	4.4
22	4.0	3.4	3.6	5.2	3.3	4.9	5.4	2.4	4.0	5.8	3.5	4.7
23	7.0	3.3	4.8	5.1	1.1	4.1	4.5	2.9	4.1	5.5	4.8	5.1
24	9.2	2.8	5.6	6.0	4.6	5.0	4.5	4.2	4.3	5.6	4.6	5.1
25	7.7	3.0	4.5	5.1	4.9	5.0	5.8	4.3	5.3	6.4	4.7	5.4
26	8.0	3.0	6.3	5.1	1.0	4.5	5.9	2.6	5.3	6.4	5.8	6.0
27	7.3	2.8	4.6	5.1	4.8	4.9	6.2	5.2	5.7	6.2	5.6	5.9
28	7.5	7.0	7.2	5.0	4.8	4.8	6.3	2.8	5.9	6.8	5.2	6.2
29	8.0	5.9	7.0	7.0	1.0	5.1	7.1	6.0	6.5	6.4	4.9	5.7
30	7.7	2.8	6.8	7.6	6.4	7.0	6.8	2.5	5.9	5.0	4.7	4.9
31	---	---	---	7.2	1.4	5.4	6.8	2.8	6.2	---	---	---
MONTH	---	---	---	7.6	1.0	4.4	7.5	0.4	5.3	7.0	0.3	5.7

02168504 SALUDA RIVER BELOW LK MURRAY DAM NR 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 2002 TO SEPTEMBER 2003											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.19	0.00	0.50	0.00	0.00	0.00	1.11	0.28	0.00
2	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.13	0.00	2.59	0.00	0.00
3	0.00	0.01	0.00	0.03	0.00	0.00	0.00	0.00	0.34	0.00	0.09	0.28
4	0.00	0.06	0.21	0.00	0.10	0.03	0.00	0.00	0.00	0.14	0.00	0.07
5	0.00	0.25	0.32	0.00	0.00	0.63	0.08	0.02	0.00	0.00	0.08	0.00
6	0.00	0.13	0.00	0.00	0.49	2.36	0.16	2.39	1.06	0.00	1.37	0.02
7	0.00	0.00	0.00	0.00	0.11	0.13	0.66	0.03	0.16	0.00	0.02	1.85
8	0.19	0.00	0.00	0.00	0.00	0.01	0.82	0.00	0.03	0.00	0.40	0.01
9	0.18	0.00	0.00	0.00	0.00	0.07	1.23	0.00	0.00	0.00	0.01	0.00
10	0.88	0.00	0.02	0.00	0.41	0.01	1.09	0.00	0.00	1.35	0.22	0.00
11	---	0.94	0.26	0.00	0.01	0.01	0.05	0.00	0.21	0.57	0.00	0.00
12	---	1.08	0.00	0.00	0.01	0.00	0.00	0.00	0.06	0.00	0.34	0.00
13	---	0.01	1.29	0.01	0.00	0.53	0.00	0.00	0.00	0.32	0.00	0.00
14	---	0.00	0.02	0.00	0.00	0.01	0.00	0.00	0.13	0.01	0.05	0.00
15	---	0.00	0.01	0.00	0.00	1.79	0.00	0.18	0.00	0.00	0.00	0.00
16	---	0.99	0.00	0.20	0.34	0.01	0.00	0.62	0.75	0.00	0.31	0.02
17	0.00	---	0.00	0.00	0.48	0.37	0.01	0.00	0.67	0.57	0.01	0.00
18	0.00	---	0.00	0.00	0.01	---	0.91	0.04	0.25	1.50	0.00	0.00
19	0.01	---	0.00	0.00	0.00	---	0.01	0.01	0.00	0.07	0.00	0.00
20	0.25	---	0.01	0.00	0.00	---	0.01	0.00	0.00	0.00	0.00	0.00
21	0.01	0.00	0.00	0.17	0.00	---	0.97	0.03	0.00	0.15	0.00	0.00
22	0.00	0.00	0.00	0.02	1.04	---	0.05	1.44	0.00	0.89	0.00	0.61
23	0.00	0.00	0.01	0.00	0.00	---	0.00	0.11	0.00	0.67	0.00	0.07
24	0.04	0.00	1.85	0.02	0.00	---	0.00	0.00	0.00	0.01	0.46	0.00
25	0.16	0.00	0.06	0.03	0.00	---	0.79	0.00	0.00	0.00	0.00	0.01
26	0.01	0.03	0.00	---	0.08	0.00	0.00	0.03	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	---	0.27	0.00	0.00	0.00	0.00	1.08	0.00	0.00
28	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.42	0.00	0.02	0.00
29	0.72	0.00	0.00	0.21	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.06	0.00	0.00	0.70	---	0.47	0.00	0.00	0.14	0.08	0.00	0.00
31	0.00	---	0.01	0.01	---	0.00	---	0.00	---	0.20	0.00	---
TOTAL	---	---	4.07	---	3.35	---	6.84	5.03	4.22	11.31	3.66	2.94

SANTEE RIVER BASIN

02169000 SALUDA RIVER NEAR COLUMBIA, SC

LOCATION.--Lat 34°00'50'', long 81°05'17'', Richland County, Hydrologic Unit 03050109, on left bank 0.4 mi upstream from site of Old Saluda Mill, 1.6 mi upstream from confluence with Broad River and 3.3 mi west of State Capital in Columbia, and at mile 1.67.

DRAINAGE AREA.--2,520 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--August 1925 to current year.

GAGE.--Data collection platform. Datum of gage is 149.46 ft above NGVD of 1929. Prior to Sept. 1, 1929, at same site at datum 150.46 ft above NGVD of 1929.

REMARKS.--Records good except for estimated daily discharges, which are poor. Flow regulated by Lake Murray (see sta 02168500).

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	2120	2920	4210	4560	3470	3290	1960	2900	1430	9520	2260	1510
2	1960	2770	4460	4500	3930	4230	1580	2820	1310	9770	1950	1500
3	4190	1930	4250	4490	3220	6390	1020	1560	746	9010	2790	1570
4	3470	2990	5840	4510	2580	4680	3230	1520	2180	3510	4890	1640
5	3220	2840	5060	4610	2070	3380	7720	2560	4990	3960	4180	1480
6	3440	3250	e4370	4410	1130	11400	1960	8900	9080	5420	3390	1470
7	3390	3650	3150	4630	1420	18900	7010	12600	9250	4040	10600	1880
8	1930	3650	3600	4430	1600	18300	15300	10900	979	5360	4960	1950
9	1730	1870	2950	4410	1570	18200	9740	6130	6550	8010	3780	1950
10	2960	1410	1430	2880	2520	13500	17200	6770	5330	3710	3190	2270
11	2490	3470	1720	4410	3040	8470	14200	2690	6030	6970	2850	1670
12	2510	3840	1840	4440	5930	9310	12300	2750	2780	5670	3020	1670
13	1830	3520	3380	4440	7330	9320	10700	2550	1190	3300	2420	1710
14	2800	2730	4020	4560	4220	9310	7090	1880	1040	3270	3350	1790
15	3140	3390	4760	3770	1860	7420	7320	751	1850	5250	2540	1420
16	3030	3460	4280	2870	3170	6330	4610	2150	3580	4190	2330	993
17	2930	3730	4450	2880	5690	5610	3950	2110	4450	3940	2630	1030
18	2450	4550	4470	2880	4200	9270	5170	2020	6590	4180	5330	1000
19	1690	4410	4490	2890	3890	9270	11600	3180	8920	3680	5600	992
20	2010	4160	3620	2390	3030	14000	8800	4800	5540	3640	5210	984
21	2440	3960	3950	1000	2990	18900	13600	11200	1400	3460	5540	984
22	3830	4050	3920	819	3210	18000	14500	8380	1170	4310	4790	1360
23	1770	4070	3900	831	6170	17900	10200	8720	1440	5540	3550	1140
24	2790	4100	4750	1550	7000	17000	4140	10800	2360	3520	2800	995
25	2920	4080	5850	942	7620	15200	8850	15500	3000	3430	2560	1160
26	2100	4170	4500	918	6000	13400	2890	15400	3640	3940	3320	1730
27	2060	4480	4430	953	6240	12200	1590	12600	1460	3480	2400	1710
28	2760	4380	4140	1210	3770	7050	2380	5950	1050	3370	2120	1800
29	3790	4260	3820	1580	---	5470	2450	5200	1420	3330	1920	1850
30	2950	4260	3930	2540	---	4420	4720	906	1620	1960	2230	1660
31	2180	---	4260	3230	---	6360	---	3950	---	3120	1720	---
TOTAL	82880	106350	123800	94533	108870	326480	217780	180147	102375	145860	110220	44868
MEAN	2674	3545	3994	3049	3888	10530	7259	5811	3412	4705	3555	1496
MAX	4190	4550	5850	4630	7620	18900	17200	15500	9250	9770	10600	2270
MIN	1690	1410	1430	819	1130	3290	1020	751	746	1960	1720	984
CFSM	1.06	1.41	1.58	1.21	1.54	4.18	2.88	2.31	1.35	1.87	1.41	0.59
IN.	1.22	1.57	1.83	1.40	1.61	4.82	3.21	2.66	1.51	2.15	1.63	0.66

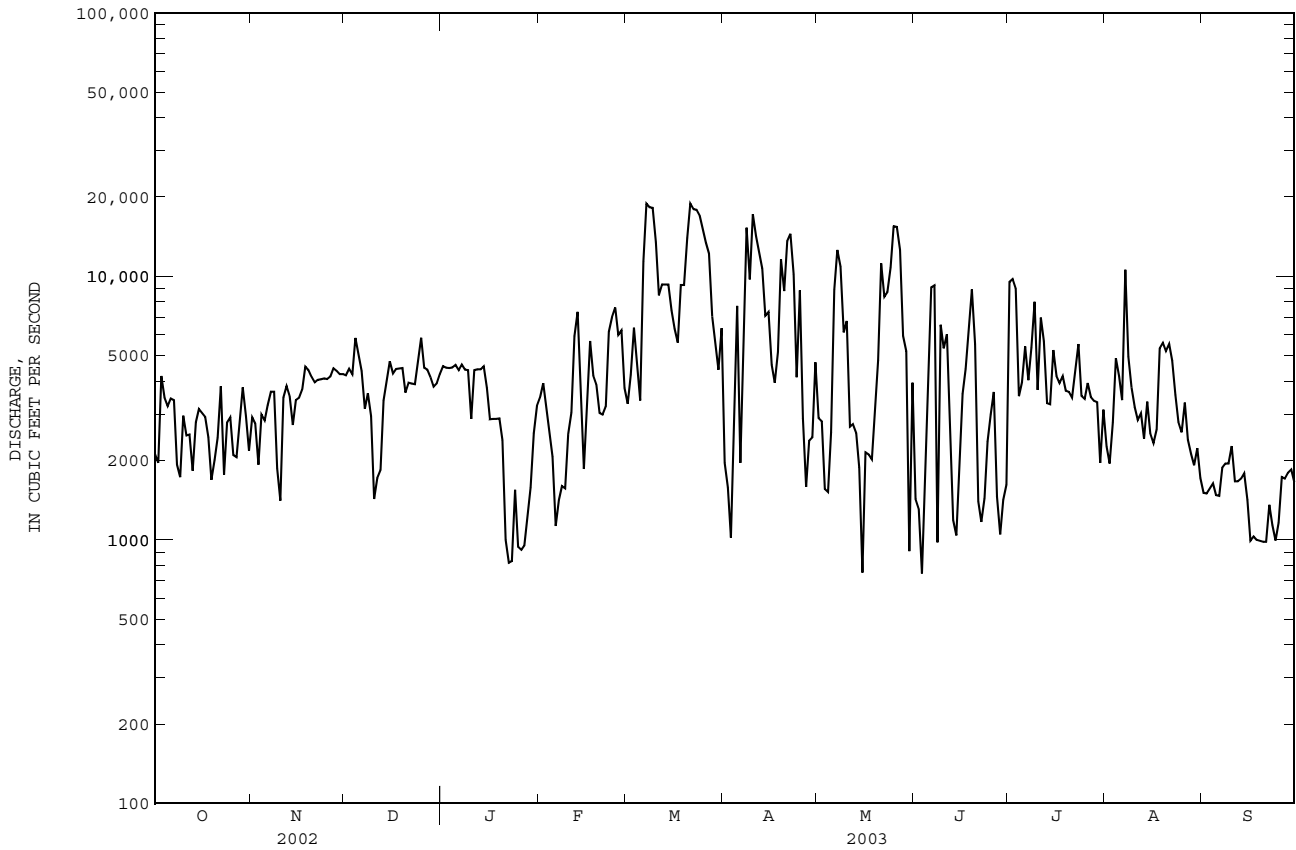
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1925 - 2003, BY WATER YEAR (WY)

MEAN	2856	2520	2523	3017	3257	3356	3037	2260	2486	2639	2971	2864
MAX	20230	6552	7006	9255	8999	18450	20450	7823	8300	5276	14400	8937
(WY)	1930	1986	1977	1982	1998	1929	1936	1929	1965	1937	1928	1928
MIN	124	94.5	350	462	248	155	196	60.3	50.2	49.8	43.3	66.4
(WY)	1931	1931	1956	1989	1940	1938	1930	1930	1930	1930	1930	1930

02169000 SALUDA RIVER NEAR COLUMBIA, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1925 - 2003	
ANNUAL TOTAL	594652		1644163		2816	
ANNUAL MEAN	1629		4505		5431	
HIGHEST ANNUAL MEAN					1936	
LOWEST ANNUAL MEAN					815	
HIGHEST DAILY MEAN	5850	Dec 25	18900	a Mar 7	62300	Oct 2 1929
LOWEST DAILY MEAN	266	Feb 17	746	Jun 3	12	Jul 13 1930
ANNUAL SEVEN-DAY MINIMUM	503	Apr 2	1000	Jan 21	21	Aug 28 1930
MAXIMUM PEAK FLOW			20800	Mar 20	b 67000	Oct 2 1929
MAXIMUM PEAK STAGE			8.39	Mar 20	15.22	Oct 2 1929
INSTANTANEOUS LOW FLOW			599	Jun 3	11	Jul 13 1930
ANNUAL RUNOFF (CFSM)	0.65		1.79		1.12	
ANNUAL RUNOFF (INCHES)	8.78		24.27		15.18	
10 PERCENT EXCEEDS	3910		9290		6260	
50 PERCENT EXCEEDS	1120		3520		1930	
90 PERCENT EXCEEDS	519		1450		417	

a Also occurred Mar. 21.
 b From rating curve extended 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 poor except for Oct. 19 to Dec. 10, June 12 to July 13, and July 31 to Aug. 25, which are good, and Dec. 20 to Jan. 20, May 16 to June 3, Aug. 26 to Sep. 4, and Sep. 12-25, which are fair.

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, 23.8°C, Sep. 28; minimum, 6.9°C, Jan. 24.

DISSOLVED OXYGEN: Maximum, 12.9 mg/L, Jan. 25, 27, Feb. 8, 9; minimum, 2.0 mg/L, Aug. 20.

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	16.7	15.3	15.9	16.1	15.2	15.6	15.2	14.5	14.9	10.6	10.1	10.4
2	16.6	15.1	15.8	16.0	14.9	15.5	15.0	14.4	14.7	10.2	10.0	10.1
3	16.1	15.5	15.7	15.7	15.2	15.4	15.0	14.3	14.6	10.1	9.9	10.0
4	16.0	15.4	15.7	15.8	15.3	15.6	14.3	13.9	14.0	10.6	9.8	10.1
5	17.0	15.5	16.0	15.7	15.5	15.6	14.1	13.6	13.8	10.5	9.7	10.0
6	16.5	15.4	15.8	16.3	15.6	16.0	13.9	13.1	13.6	10.4	9.6	10.0
7	16.5	15.4	15.9	16.3	15.2	15.7	13.5	12.7	13.1	10.3	9.6	9.8
8	16.1	15.5	15.9	16.4	15.3	15.8	13.2	12.6	12.9	10.3	9.6	9.9
9	15.7	15.2	15.5	16.4	15.4	15.9	12.8	12.3	12.6	10.5	9.7	10.0
10	16.4	15.3	15.9	17.0	15.9	16.5	12.3	11.7	11.9	11.2	10.0	10.5
11	17.0	15.8	16.6	17.1	16.3	16.7	12.1	11.8	11.9	10.5	9.8	10.1
12	16.7	15.5	16.0	16.8	16.2	16.5	12.2	11.5	11.8	10.1	9.6	9.8
13	16.2	15.4	15.7	16.4	15.8	16.2	12.1	10.7	11.5	10.1	9.6	9.8
14	16.0	15.2	15.5	16.1	15.4	15.8	12.2	11.4	11.7	10.2	9.3	9.7
15	15.3	15.2	15.2	16.4	15.4	15.9	12.2	11.4	11.7	10.1	9.3	9.6
16	16.2	15.3	15.7	16.2	16.0	16.1	12.2	11.4	11.8	9.9	9.0	9.4
17	16.1	15.3	15.6	16.1	15.8	15.9	11.9	11.4	11.7	9.9	9.2	9.5
18	16.0	14.9	15.4	16.7	15.7	16.1	11.7	11.3	11.5	9.6	8.8	9.1
19	16.0	14.6	15.5	16.6	15.8	16.2	11.7	11.4	11.5	9.4	8.6	8.9
20	16.2	15.1	15.8	16.7	16.0	16.3	11.6	11.3	11.5	9.6	8.5	9.0
21	16.2	15.6	15.8	16.8	16.3	16.5	11.7	11.1	11.3	10.4	9.1	9.7
22	16.5	15.4	15.7	16.8	16.3	16.5	11.7	10.9	11.2	10.3	9.4	9.9
23	15.9	15.4	15.7	16.8	16.1	16.3	11.6	10.9	11.2	9.4	7.5	8.6
24	16.0	15.5	15.7	16.8	16.0	16.3	11.0	10.3	10.7	8.4	6.9	7.8
25	15.7	15.5	15.6	16.6	15.8	16.1	11.1	10.4	10.8	8.3	7.1	7.7
26	16.2	15.6	15.9	16.4	15.6	16.0	10.8	10.2	10.4	8.8	8.1	8.5
27	16.2	15.6	16.0	16.1	15.5	15.8	10.8	10.1	10.4	8.5	7.8	8.2
28	16.2	15.8	15.9	15.8	15.1	15.4	10.8	10.1	10.4	8.5	7.3	8.0
29	16.9	15.8	16.1	15.6	14.9	15.2	10.8	10.1	10.4	9.0	7.8	8.4
30	15.8	15.7	15.8	15.7	15.0	15.3	10.8	10.0	10.3	8.6	8.1	8.3
31	16.1	15.5	15.8	---	---	---	10.6	10.0	10.3	8.2	7.8	8.0
MONTH	17.0	14.6	15.8	17.1	14.9	16.0	15.2	10.0	11.9	11.2	6.9	9.3

SANTEE RIVER BASIN

02169000 SALUDA RIVER NEAR COLUMBIA, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	8.9	7.8	8.2	8.9	8.4	8.6	12.8	10.4	11.7	15.2	12.8	13.7
2	8.8	7.7	8.1	9.5	8.8	9.0	13.8	12.1	12.9	15.4	13.0	13.6
3	9.0	7.8	8.3	9.5	8.5	8.9	14.5	11.7	13.0	14.3	13.3	13.8
4	9.3	8.3	8.7	9.6	8.7	9.1	14.0	11.2	13.3	14.1	13.2	13.6
5	9.0	7.8	8.4	9.6	9.0	9.2	12.2	10.5	11.4	13.9	12.7	13.5
6	---	---	---	10.6	9.1	9.6	12.8	10.5	11.7	15.4	12.7	14.0
7	---	---	---	9.1	8.7	9.0	12.6	11.0	11.6	14.7	13.6	13.9
8	8.9	7.8	8.4	9.3	8.7	8.9	11.2	11.0	11.1	14.8	13.2	14.1
9	9.2	7.9	8.5	9.3	8.9	9.0	11.5	10.7	11.1	14.9	13.8	14.5
10	9.0	8.3	8.6	9.9	8.9	9.2	11.4	10.7	11.1	14.4	13.6	14.1
11	9.3	8.1	8.7	9.7	8.9	9.2	11.8	10.8	11.4	15.6	13.6	14.7
12	9.2	8.2	8.6	9.7	8.9	9.2	12.1	10.7	11.6	15.9	13.7	14.8
13	9.2	8.3	8.7	9.8	9.0	9.3	12.5	11.2	11.9	16.0	13.7	14.7
14	8.8	8.2	8.5	9.3	9.0	9.2	12.5	11.2	11.8	15.2	13.6	14.4
15	9.6	8.6	9.1	9.6	9.0	9.3	12.6	11.4	12.0	16.0	15.2	15.7
16	9.4	7.6	8.5	10.0	9.2	9.7	13.0	11.5	12.1	16.6	14.5	15.6
17	8.2	7.8	8.0	9.9	9.4	9.6	12.5	11.4	11.9	15.6	13.9	14.5
18	9.1	8.0	8.4	9.8	9.2	9.5	13.0	11.6	12.4	15.9	14.0	15.2
19	9.4	8.1	8.6	9.9	9.3	9.6	12.9	11.8	12.3	14.1	13.7	13.8
20	9.4	8.3	8.8	10.5	9.4	9.9	13.2	11.7	12.5	15.8	13.6	14.3
21	9.0	8.4	8.7	10.4	9.8	10.1	12.5	12.3	12.4	14.6	14.0	14.4
22	9.9	8.6	9.1	10.5	9.9	10.1	13.1	12.3	12.7	15.2	13.9	14.6
23	9.6	8.6	9.1	10.5	10.0	10.2	13.7	11.7	12.8	15.3	14.4	15.0
24	9.3	8.6	8.8	10.7	10.0	10.3	13.2	11.8	12.7	15.3	14.6	14.9
25	9.2	8.5	8.8	10.8	9.9	10.3	13.1	12.1	12.5	15.1	14.6	14.8
26	8.9	8.5	8.6	10.8	10.0	10.4	15.1	12.4	13.6	15.3	14.7	15.0
27	8.5	8.3	8.4	10.9	10.3	10.6	15.5	12.6	14.0	15.7	15.0	15.3
28	9.0	8.3	8.6	11.3	9.9	10.5	15.8	12.4	14.4	16.0	14.7	15.2
29	---	---	---	11.0	10.2	10.6	15.6	12.5	13.5	16.2	14.5	15.1
30	---	---	---	10.8	10.4	10.6	15.4	12.5	13.3	18.0	15.2	16.2
31	---	---	---	12.1	10.4	11.3	---	---	---	17.9	14.7	16.2
MONTH	---	---	---	12.1	8.4	9.7	15.8	10.4	12.4	18.0	12.7	14.6

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	18.5	15.4	16.8	17.9	15.6	16.8	21.5	20.0	20.7	22.9	21.2	22.4
2	18.5	16.2	17.5	18.5	16.0	17.6	21.1	19.7	20.2	23.1	21.2	22.1
3	17.9	14.9	15.8	17.9	16.4	17.0	20.9	19.4	20.2	22.7	21.4	22.1
4	19.3	15.4	17.5	18.9	17.0	17.9	21.2	19.6	20.4	22.7	21.6	22.3
5	17.9	15.5	16.1	17.4	16.6	17.0	21.6	19.7	20.8	22.9	22.1	22.5
6	16.4	15.4	15.7	17.4	16.2	16.8	21.9	20.6	21.2	22.6	21.3	21.8
7	17.4	15.5	16.2	18.3	16.5	17.2	21.3	19.8	20.3	21.8	21.1	21.3
8	19.1	17.4	18.5	18.0	16.4	17.0	21.1	19.8	20.3	21.8	21.3	21.5
9	18.8	15.6	17.4	18.5	17.4	18.0	21.8	19.7	20.5	22.8	21.1	21.9
10	18.3	15.8	16.7	18.4	17.3	17.9	21.6	20.2	20.9	22.8	21.9	22.3
11	17.3	15.7	16.1	18.4	17.1	17.6	22.0	21.0	21.4	22.7	20.9	21.9
12	19.3	15.2	17.1	18.9	17.6	18.3	21.9	19.9	20.9	22.0	20.8	21.5
13	18.7	15.2	17.1	18.9	17.6	18.3	21.2	19.9	20.5	22.8	21.1	22.0
14	18.7	17.7	18.2	20.3	17.8	18.7	21.4	19.8	20.6	23.1	21.6	22.3
15	19.3	15.9	18.1	18.5	17.2	17.8	21.5	20.6	21.0	23.1	21.4	22.3
16	18.1	14.9	16.5	19.0	17.2	18.2	20.9	19.8	20.3	23.2	22.4	23.0
17	16.9	15.1	16.1	18.9	17.4	18.3	21.1	19.8	20.3	22.6	21.5	22.1
18	18.7	15.9	17.4	20.0	17.7	18.6	20.9	20.1	20.4	22.5	21.6	22.1
19	18.0	16.0	17.2	19.2	18.0	18.5	21.9	20.3	21.3	22.9	21.7	22.4
20	18.6	15.6	16.9	19.1	17.5	18.2	21.7	20.4	21.2	23.0	21.9	22.6
21	18.6	15.6	17.3	19.2	17.6	18.3	21.8	20.1	21.1	22.9	22.0	22.6
22	18.3	16.6	17.7	20.6	17.9	19.0	22.8	20.2	21.3	22.8	22.2	22.6
23	18.4	16.5	17.6	20.3	18.2	19.0	21.9	20.4	21.3	23.6	22.1	22.8
24	18.8	16.3	17.3	20.2	18.4	19.2	22.3	20.4	20.9	23.2	21.9	22.6
25	17.9	15.6	16.8	19.4	18.1	18.7	22.2	20.4	21.2	23.0	21.9	22.5
26	18.1	15.6	16.6	19.6	18.2	18.7	23.0	21.0	21.9	23.0	21.4	22.4
27	18.4	16.8	17.7	19.8	18.3	18.9	22.7	20.9	21.9	23.2	21.5	22.4
28	18.3	17.4	17.7	20.1	18.6	19.2	22.3	21.1	21.7	23.8	21.7	22.6
29	18.8	17.3	17.9	20.6	18.4	19.4	22.8	20.9	22.1	23.6	22.2	23.0
30	18.1	16.4	17.8	20.2	19.4	19.8	23.3	21.8	22.4	23.3	20.6	21.7
31	---	---	---	21.1	18.9	19.5	23.6	22.3	23.2	---	---	---
MONTH	19.3	14.9	17.1	21.1	15.6	18.2	23.6	19.4	21.0	23.8	20.6	22.3

SANTEE RIVER BASIN

02169000 SALUDA RIVER NEAR COLUMBIA, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	10.8	6.4	9.0	8.8	6.9	7.7	9.3	8.5	8.8	10.2	9.8	9.9
2	10.2	6.2	8.3	8.7	6.2	7.3	9.4	8.7	9.0	10.1	9.8	9.9
3	8.5	5.3	6.8	8.7	6.1	7.3	9.8	8.8	9.2	10.3	9.8	10.0
4	8.0	6.1	6.9	8.2	5.0	7.0	9.2	8.3	8.9	10.7	9.9	10.2
5	9.9	6.6	8.0	8.0	5.0	6.3	9.2	8.4	9.0	10.7	9.9	10.2
6	9.6	6.6	7.8	7.6	5.1	6.3	9.4	8.5	8.9	10.6	10.0	10.2
7	9.2	5.8	7.2	7.9	6.2	6.8	9.8	8.6	9.1	11.1	10.1	10.4
8	8.4	6.0	7.7	8.1	6.4	7.0	9.7	8.5	9.1	11.0	10.1	10.4
9	8.6	7.6	8.0	9.1	6.6	7.8	9.2	8.3	8.8	11.0	10.1	10.4
10	9.4	3.6	7.8	9.0	7.6	8.2	8.9	7.9	8.5	11.7	9.9	10.7
11	8.1	3.8	6.5	8.0	6.4	7.2	9.3	8.5	8.9	10.8	9.9	10.4
12	9.3	6.4	7.6	7.5	5.9	6.4	9.5	8.5	9.0	10.9	10.0	10.3
13	8.9	6.4	7.6	7.7	5.6	6.5	9.3	8.6	9.0	10.9	10.1	10.4
14	8.6	6.0	7.4	8.1	5.6	6.6	9.2	8.4	8.7	11.3	10.2	10.6
15	7.5	5.9	6.5	7.2	5.6	6.1	9.2	8.6	8.8	11.3	10.2	10.7
16	---	---	---	6.7	5.3	5.8	9.7	8.7	9.1	11.6	10.4	10.9
17	---	---	---	6.5	5.2	5.6	9.8	9.1	9.3	11.7	10.4	10.9
18	---	---	---	6.7	5.3	6.1	9.9	9.1	9.5	11.9	10.7	11.1
19	10.0	6.8	8.7	6.0	5.4	5.8	10.0	9.3	9.6	12.0	10.6	11.2
20	9.8	7.9	8.7	6.9	6.0	6.4	9.8	9.1	9.4	12.0	10.6	11.2
21	9.0	5.6	7.9	6.9	6.3	6.6	10.0	9.3	9.6	11.7	10.2	10.8
22	7.3	4.5	5.9	8.1	6.8	7.5	10.2	9.4	9.7	11.6	9.9	10.6
23	9.6	6.5	8.0	8.9	7.9	8.4	10.2	9.5	9.7	11.9	10.2	10.9
24	8.7	7.0	7.8	9.0	8.2	8.6	9.6	9.4	9.5	12.6	10.9	11.7
25	7.8	6.5	7.1	9.2	8.4	8.7	9.8	9.3	9.5	12.9	10.9	11.8
26	9.2	6.3	7.7	9.1	8.3	8.6	10.1	9.7	9.9	12.5	10.6	11.5
27	9.0	6.7	8.1	8.9	8.4	8.5	10.4	9.8	10.0	12.9	10.8	11.6
28	8.6	6.6	7.4	9.0	8.4	8.6	10.4	9.8	10.0	12.7	10.6	11.5
29	8.0	4.4	6.5	8.8	8.2	8.4	10.5	9.8	10.1	12.6	10.3	11.1
30	8.3	6.5	7.1	9.2	8.2	8.6	10.6	9.8	10.1	11.4	10.8	11.0
31	9.2	6.7	7.8	---	---	---	10.4	9.8	10.0	11.9	10.8	11.4
MONTH	---	---	---	9.2	5.0	7.2	10.6	7.9	9.3	12.9	9.8	10.8

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	12.2	10.9	11.5	11.4	10.9	11.2	11.2	10.3	10.9	8.4	7.1	7.5
2	12.3	10.9	11.5	11.6	10.8	11.1	11.7	10.4	11.0	8.6	6.9	7.5
3	12.3	11.1	11.5	11.7	11.1	11.3	11.5	10.0	10.8	8.0	6.7	7.3
4	12.3	10.9	11.4	12.0	11.2	11.5	11.6	10.0	10.7	7.7	6.6	7.1
5	12.5	11.0	11.7	12.1	11.2	11.5	11.3	8.7	9.7	7.9	7.0	7.3
6	---	---	---	11.3	10.5	10.8	9.0	7.6	8.1	8.0	6.8	7.3
7	---	---	---	11.2	10.5	10.8	9.3	7.9	8.4	7.3	6.9	7.1
8	12.9	10.9	11.7	11.5	10.7	11.2	8.8	8.5	8.6	7.5	6.7	7.1
9	12.9	10.8	11.7	11.4	10.6	11.0	9.0	8.4	8.6	7.8	6.8	7.2
10	11.4	10.5	11.0	11.3	10.4	10.8	8.5	8.0	8.2	8.6	6.8	7.2
11	12.5	10.7	11.5	11.4	9.9	10.6	8.4	7.6	8.0	8.2	6.8	7.7
12	11.5	10.9	11.1	11.4	10.4	10.8	---	---	---	8.5	7.4	8.2
13	11.4	10.9	11.1	11.2	10.4	10.8	---	---	---	8.6	8.0	8.4
14	11.3	10.9	11.1	11.0	10.2	10.6	---	---	---	8.8	7.6	8.4
15	11.9	10.6	11.2	11.2	10.4	10.7	---	---	---	9.1	7.0	8.5
16	11.0	10.5	10.7	11.2	10.2	10.6	---	---	---	9.2	7.4	8.2
17	11.2	10.7	10.9	10.7	9.9	10.3	---	---	---	8.1	7.7	7.9
18	11.5	10.6	11.0	10.6	9.8	10.1	---	---	---	8.3	7.6	7.9
19	11.3	10.5	11.0	10.2	9.5	9.9	---	---	---	7.8	7.4	7.6
20	11.4	10.5	10.9	10.4	9.2	9.6	---	---	---	8.2	6.7	7.4
21	11.6	10.5	11.1	10.3	9.4	9.8	---	---	---	8.1	6.5	7.0
22	11.0	10.2	10.6	10.1	9.3	9.7	---	---	---	8.2	6.4	7.0
23	11.5	10.2	10.9	10.2	9.5	9.7	8.0	7.5	7.6	8.7	6.4	7.4
24	12.3	10.3	11.1	10.1	9.4	9.7	8.1	7.6	7.9	8.5	6.2	6.9
25	11.7	11.0	11.3	10.7	9.7	10.2	8.1	6.9	7.3	6.4	6.1	6.3
26	11.9	11.3	11.6	11.1	9.5	10.1	8.0	6.8	7.3	6.2	6.0	6.1
27	11.3	10.8	11.0	10.5	9.2	9.8	8.6	7.3	8.2	6.6	6.1	6.3
28	12.0	10.7	11.3	10.5	9.6	10.1	8.6	7.1	7.5	7.8	6.4	7.2
29	---	---	---	10.9	9.9	10.3	8.4	6.9	7.4	8.1	6.4	7.3
30	---	---	---	10.7	10.3	10.5	8.4	7.0	7.6	8.3	6.5	7.3
31	---	---	---	10.8	9.8	10.3	---	---	---	8.7	5.5	7.9
MONTH	---	---	---	12.1	9.2	10.5	---	---	---	9.2	5.5	7.4

SANTEE RIVER BASIN

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02169000 SALUDA RIVER NEAR COLUMBIA, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	9.2	6.1	7.8	6.8	3.5	4.5	8.1	6.3	7.5	7.0	4.7	6.1
2	9.3	7.8	8.5	6.7	3.6	4.8	7.7	7.1	7.3	7.0	6.2	6.4
3	7.8	6.7	7.1	6.6	3.5	5.2	7.7	3.0	7.1	6.9	6.0	6.4
4	8.9	5.8	7.1	7.1	3.7	6.1	7.4	3.0	5.2	6.8	6.2	6.5
5	8.8	5.7	6.4	6.9	5.2	6.1	6.7	4.6	6.1	7.2	6.5	6.7
6	8.3	5.7	6.2	6.0	5.7	5.8	7.5	4.3	6.3	7.2	6.4	6.7
7	7.0	5.6	6.0	6.7	5.5	6.1	7.0	2.1	3.5	7.2	6.6	6.8
8	8.5	7.0	7.8	6.8	4.0	5.7	5.7	3.0	4.6	7.1	6.6	6.8
9	8.6	5.7	6.9	6.4	3.1	4.7	7.4	4.2	5.9	7.1	5.6	6.6
10	8.2	5.7	6.5	6.4	3.7	5.0	7.2	5.9	6.7	7.3	4.1	6.1
11	7.8	4.8	6.0	6.0	3.6	4.7	7.3	6.8	7.0	6.8	5.8	6.5
12	8.1	5.0	6.1	6.4	3.6	4.8	7.3	3.6	6.2	6.7	6.0	6.3
13	7.0	5.2	6.1	6.5	5.1	6.3	7.0	4.2	6.5	6.7	6.0	6.3
14	7.5	6.6	6.9	6.8	5.2	6.1	6.8	3.7	5.4	7.0	6.1	6.5
15	7.9	5.3	7.1	6.2	3.6	5.3	6.8	4.9	6.1	6.8	6.1	6.4
16	7.4	5.2	6.0	6.1	4.7	5.7	6.6	6.2	6.4	6.8	5.8	6.2
17	7.5	4.6	5.9	6.7	4.7	6.0	6.7	4.3	6.2	6.7	5.7	6.1
18	6.9	4.5	5.3	6.7	6.2	6.4	6.4	2.4	4.4	6.7	5.6	6.1
19	6.6	4.4	5.0	6.6	6.1	6.3	6.3	2.8	4.0	6.8	5.6	6.1
20	7.0	4.5	5.3	6.4	5.9	6.1	6.7	2.0	4.5	6.8	5.7	6.1
21	7.5	4.8	6.3	6.4	5.8	6.2	5.8	2.3	4.1	6.8	5.6	6.1
22	7.7	6.6	7.0	6.7	5.1	6.1	5.7	3.2	4.6	6.3	5.5	5.8
23	7.8	6.5	7.0	6.6	4.6	5.9	5.9	3.3	5.2	6.6	5.6	6.0
24	8.7	5.3	7.7	7.0	5.3	6.3	5.8	4.3	5.4	7.0	5.8	6.2
25	7.9	5.2	6.1	7.0	6.4	6.7	6.4	5.6	6.0	7.0	5.8	6.2
26	8.1	4.6	6.5	6.8	4.7	6.2	6.7	5.4	6.3	7.0	6.1	6.4
27	7.6	5.1	6.6	6.5	5.0	6.3	6.5	4.5	5.9	7.1	6.3	6.6
28	7.8	6.6	7.2	---	---	---	6.4	5.9	6.2	7.1	5.8	6.5
29	8.6	7.1	7.6	---	---	---	6.6	4.4	5.8	7.2	6.5	6.8
30	8.1	5.3	7.4	---	---	---	7.0	3.8	6.3	6.6	5.6	6.0
31	---	---	---	7.3	4.4	6.5	6.8	3.8	5.5	---	---	---
MONTH	9.3	4.4	6.6	---	---	---	8.1	2.0	5.7	7.3	4.1	6.3

SANTEE RIVER BASIN

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 fair 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 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3950	5550	6510	10100	e15600	20700	13600	8980	9040	12400	13500	6660
2	3120	5270	5400	8800	e10800	15900	7360	7260	8380	22500	19000	6940
3	4070	3550	5420	8220	e10200	21700	6850	7540	5530	26600	13400	6180
4	3750	3280	e5750	10800	e8060	13500	9830	9670	8400	29000	13800	6780
5	4440	3210	e6120	7890	6630	8140	12200	10300	15500	18900	12400	6490
6	4530	4760	6640	7880	5460	32500	7190	15900	18500	17700	18800	6890
7	3730	6800	12600	8140	6260	53900	16200	25900	18800	12000	26800	7050
8	2340	7300	9780	8070	6900	51300	36000	35100	12700	11300	25700	7110
9	2200	5730	10100	7310	7910	37600	41700	33000	30500	14300	24900	5840
10	3200	5260	6240	6200	10900	30200	55200	23700	31100	8910	16500	5510
11	3910	4920	4880	7690	11900	14000	63200	11300	18900	e15000	15200	5870
12	3560	e6550	5120	7650	9640	14200	68200	11700	12900	e12900	12100	5480
13	3250	e12500	13100	8120	10900	15900	54100	9360	11000	e6850	12500	5560
14	4140	17800	19700	7370	8330	16300	33800	8610	7550	e11500	13200	5770
15	4630	10300	25100	5990	6230	12200	18000	7330	8510	20300	10300	4680
16	4720	8050	16700	5680	7880	14900	12800	8120	10800	12800	10200	4240
17	6590	8500	12000	6790	15900	20600	12900	8300	12100	11100	11000	4770
18	9880	22200	8400	6640	10300	27000	15800	8140	14400	11100	14800	5020
19	10200	11400	9540	5960	9800	31200	46300	10100	18400	9760	15300	4220
20	6950	9920	7920	5460	8610	48300	63500	11200	14300	9920	15400	4680
21	6490	8280	11100	3300	10700	89100	47100	18400	10200	12200	12900	4580
22	5150	8050	11100	3310	9140	113000	34100	16400	8250	9880	10600	3800
23	3440	9090	9780	3280	21900	89400	22600	36100	8910	10800	9370	3920
24	3500	7280	12700	4760	33800	49200	15000	68700	7450	10500	8920	4860
25	4320	7240	22800	4280	e27500	30200	17300	81800	8210	9020	8740	7870
26	3380	5740	37700	4850	e22900	25000	9870	51500	9150	9800	10100	e7300
27	3190	5980	31000	3870	16500	20100	8880	35600	6250	8880	5860	5660
28	3740	7080	18300	3530	21900	14400	14300	21500	6110	8460	7880	4390
29	4910	e6570	10400	e4610	---	11700	8910	14700	7490	7880	6990	5860
30	4260	5680	9340	e6260	---	e11700	12100	7760	7870	6920	6590	5990
31	4410	---	10000	e12900	---	16200	---	10300	---	7880	6450	---
TOTAL	139950	233840	381240	205710	352550	970040	784890	634270	367200	397060	409200	169970
MEAN	4515	7795	12300	6636	12590	31290	26160	20460	12240	12810	13200	5666
MAX	10200	22200	37700	12900	33800	113000	68200	81800	31100	29000	26800	7870
MIN	2200	3210	4880	3280	5460	8140	6850	7260	5530	6850	5860	3800
CFSM	0.58	0.99	1.57	0.85	1.60	3.99	3.33	2.61	1.56	1.63	1.68	0.72
IN.	0.66	1.11	1.81	0.97	1.67	4.60	3.72	3.01	1.74	1.88	1.94	0.81

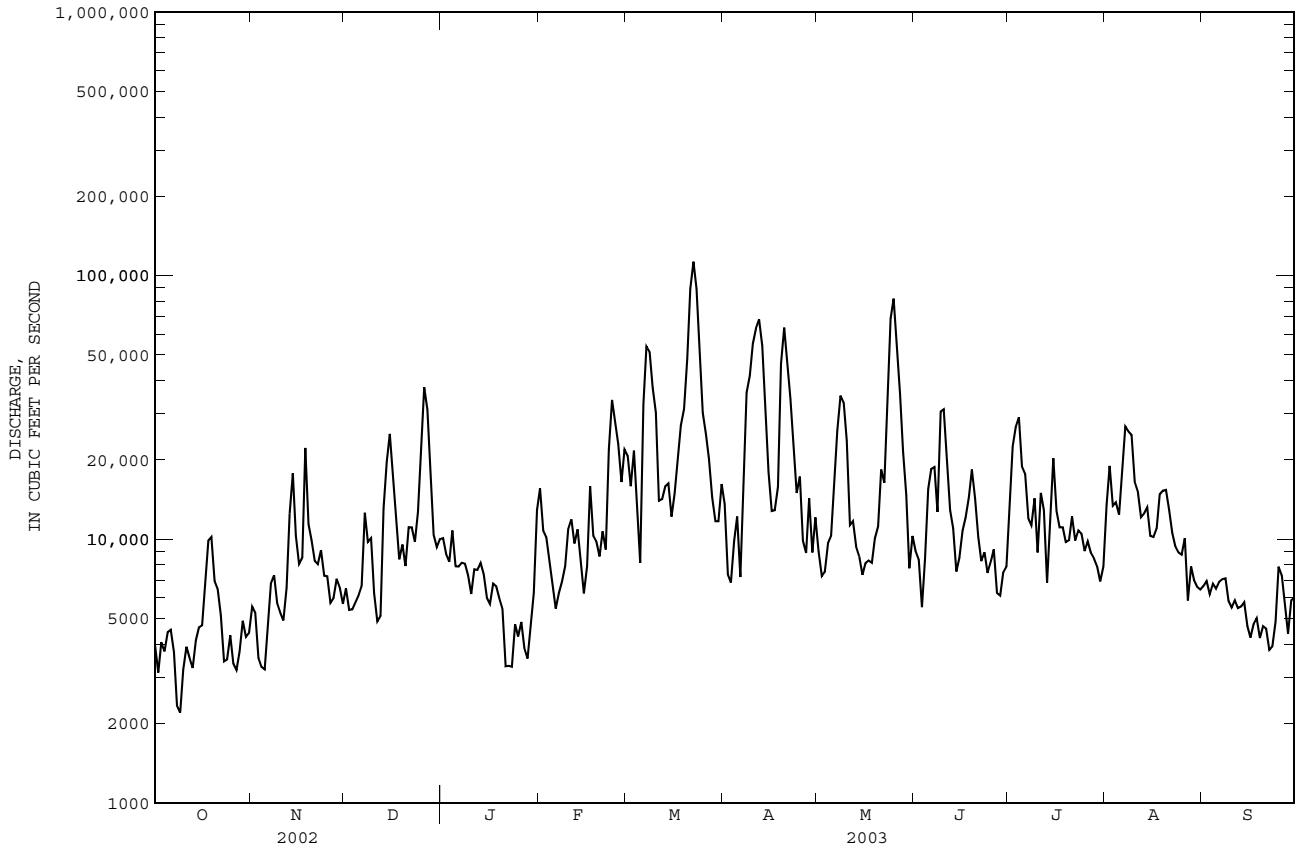
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 2003, BY WATER YEAR (WY)

MEAN	7118	7082	8691	11730	13020	14410	11570	8007	7014	6612	7079	6164
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

02169500 CONGAREE RIVER AT COLUMBIA, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1940 - 2003	
ANNUAL TOTAL	1692110		5045920		9022	
ANNUAL MEAN	4636		13820		15130	
HIGHEST ANNUAL MEAN					1965	
LOWEST ANNUAL MEAN					3245	
HIGHEST DAILY MEAN	37700	Dec 26	113000	Mar 22	150000	Oct 11 1976
LOWEST DAILY MEAN	1010	Aug 29	2200	Oct 9	662	Oct 18 1954
ANNUAL SEVEN-DAY MINIMUM	1270	Jun 10	3170	Oct 7	964	Oct 15 1954
MAXIMUM PEAK FLOW			115000	Mar 22	155000	Oct 11 1976
MAXIMUM PEAK STAGE			25.79	Mar 22	29.74	Oct 11 1976
ANNUAL RUNOFF (CFSM)	0.59		1.76		1.15	
ANNUAL RUNOFF (INCHES)	8.02		23.91		15.62	
10 PERCENT EXCEEDS	9320		28100		16200	
50 PERCENT EXCEEDS	3440		9640		6620	
90 PERCENT EXCEEDS	1450		4560		2900	

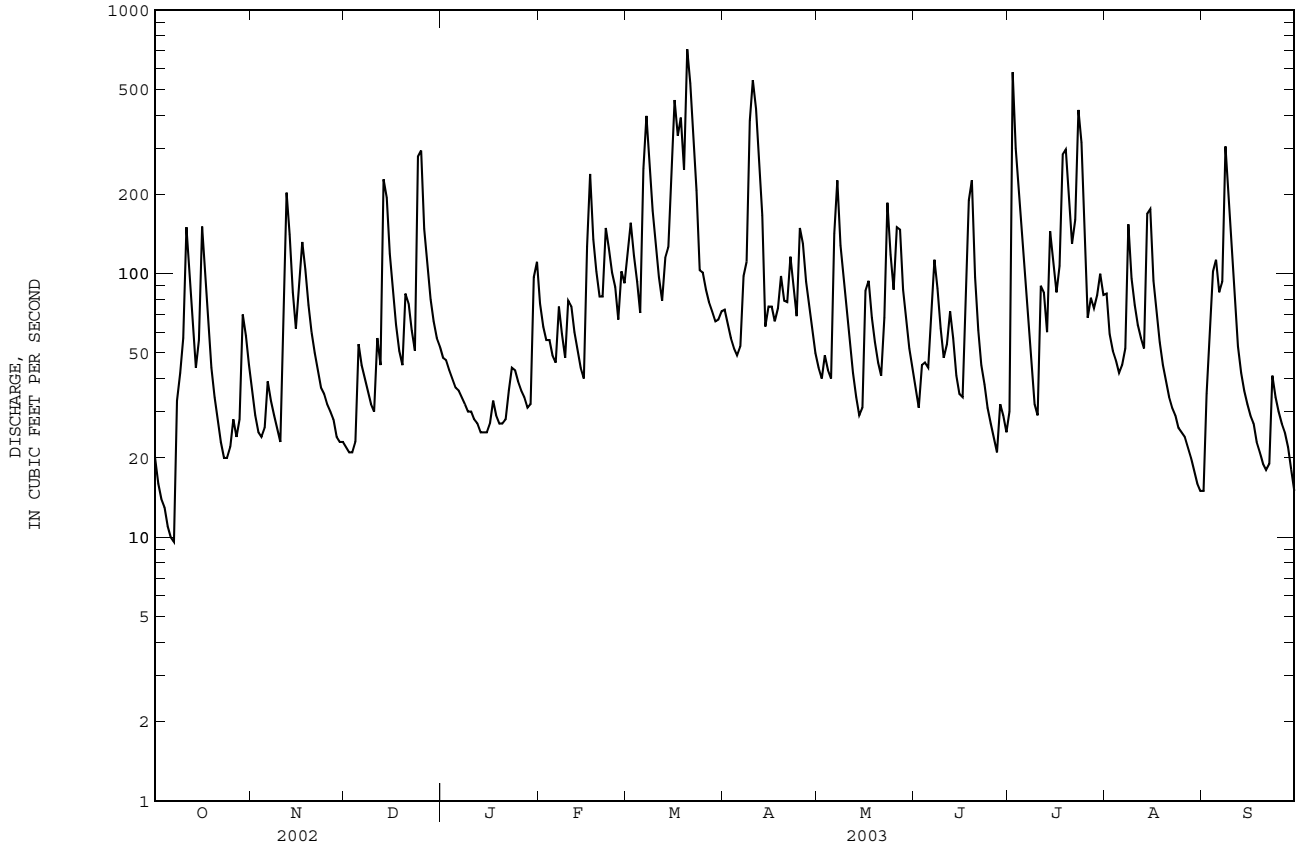
e Estimated



02169570 GILLS CREEK AT COLUMBIA, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1967 - 2003	
ANNUAL TOTAL	15376.1		31557.6		74.6	
ANNUAL MEAN	42.1		86.5		130	
HIGHEST ANNUAL MEAN					29.9	
LOWEST ANNUAL MEAN					1991	
HIGHEST DAILY MEAN	349	Sep 19	710	Mar 20	1730	Aug 20 1986
LOWEST DAILY MEAN	3.2	Sep 12	9.6	Oct 7	1.6	Aug 1 1983
ANNUAL SEVEN-DAY MINIMUM	4.2	Sep 7	13	Oct 1	1.9	Jul 30 1983
MAXIMUM PEAK FLOW			1180	Mar 20	2880	Feb 24 1979
MAXIMUM PEAK STAGE			7.03	Mar 20	9.43	Jul 24 1997
ANNUAL RUNOFF (CFSM)	0.71		1.45		1.25	
ANNUAL RUNOFF (INCHES)	9.60		19.70		17.02	
10 PERCENT EXCEEDS	88		178		151	
50 PERCENT EXCEEDS	26		57		47	
90 PERCENT EXCEEDS	7.4		24		15	

e Estimated



SANTEE RIVER BASIN

02169625 CONGAREE RIVER AT CONGAREE NATIONAL PARK NEAR GADSDEN, SC
(Formerly published as Congaree River West of Wise Lake near Gadsden)

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.

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, 18.66 ft, Mar. 23; minimum gage height, 1.21 ft, Sep. 25.

Gage height, feet
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.39	5.53	---	11.57	12.95	---	13.63	11.67	11.86	8.23	9.25	6.69
2	4.26	6.11	---	9.44	10.64	---	11.20	8.81	7.27	13.90	13.75	6.97
3	3.50	5.62	6.20	9.58	9.59	14.80	8.67	9.07	9.85	15.68	14.14	7.34
4	4.33	3.67	6.27	10.29	8.55	14.91	9.00	7.52	7.93	16.50	12.16	6.70
5	4.46	---	7.76	9.37	7.58	---	10.42	11.17	9.90	16.16	11.95	7.08
6	4.92	---	7.32	8.43	6.53	---	10.67	11.11	13.58	15.27	13.61	7.77
7	4.64	6.29	9.61	8.47	6.21	---	9.87	14.49	15.13	14.14	15.48	---
8	4.13	7.56	9.69	8.66	6.97	---	15.73	16.46	14.08	11.62	16.17	---
9	2.79	7.44	11.12	8.41	7.68	---	16.93	16.74	14.71	12.33	16.18	---
10	2.84	6.07	9.02	7.58	8.19	---	17.25	16.57	16.57	11.34	15.75	---
11	4.72	5.53	6.20	7.41	11.92	16.05	17.49	15.38	16.22	10.72	14.47	6.94
12	4.17	---	5.92	8.05	9.49	14.56	17.63	12.91	14.96	13.25	12.83	5.95
13	4.71	---	8.10	8.08	10.53	14.04	17.64	12.32	12.63	10.28	12.62	6.26
14	3.69	---	13.56	8.30	9.80	14.48	17.33	9.89	11.88	9.17	12.63	6.16
15	5.20	12.26	15.48	7.35	7.61	13.41	16.61	9.09	10.04	13.94	12.05	5.61
16	5.37	10.09	15.16	6.53	6.63	13.83	15.13	7.52	9.82	14.38	10.73	5.30
17	6.10	8.93	13.86	6.59	11.92	14.12	13.68	10.11	10.22	11.87	10.77	4.43
18	8.61	12.89	11.02	7.27	11.47	15.89	13.49	8.69	12.85	11.49	11.72	5.63
19	10.34	13.62	10.29	6.94	10.47	16.53	16.04	9.72	13.36	11.11	12.81	5.06
20	8.54	11.69	9.25	6.35	9.63	16.90	17.20	9.85	14.20	10.62	13.19	4.87
21	7.11	10.04	9.87	5.25	9.12	17.52	17.50	12.74	---	10.33	13.46	5.01
22	6.40	9.03	11.16	3.83	10.59	18.18	17.23	14.02	9.56	11.02	11.42	4.50
23	5.70	9.35	10.34	4.03	11.65	18.56	16.78	15.28	10.47	10.21	10.58	4.42
24	3.98	8.75	11.09	4.43	16.13	17.91	15.60	17.05	8.22	11.24	9.74	4.86
25	4.71	7.96	13.31	5.02	16.57	17.33	14.57	17.65	8.11	10.12	8.76	5.90
26	4.85	---	16.35	5.03	16.02	16.80	14.28	17.67	8.72	9.77	9.99	8.37
27	3.78	---	16.85	5.02	14.94	16.10	12.25	17.32	8.77	9.47	---	6.99
28	3.96	---	16.30	3.89	14.68	15.38	11.04	16.72	6.80	8.84	7.36	5.34
29	4.87	---	14.21	4.27	---	13.53	12.32	15.61	6.84	8.06	7.76	5.51
30	5.65	---	12.05	5.45	---	11.90	10.14	13.40	8.79	8.17	6.91	6.24
31	5.15	---	10.25	8.26	---	13.43	---	10.36	---	7.68	7.25	---
MEAN	5.12	---	---	7.07	10.50	---	14.24	12.80	---	11.51	---	---
MAX	10.34	---	---	11.57	16.57	---	17.64	17.67	---	16.50	---	---
MIN	2.79	---	---	3.83	6.21	---	8.67	7.52	---	7.68	---	---

02169672 CEDAR CREEK AT CONGAREE NATIONAL PARK NEAR GADSDEN, SC
 (Formerly published as Cedar Creek at Cedar Creek Hunt Club near Gadsden)

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).

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, 15.07 ft, Mar. 23; minimum gage height, 1.95 ft, Oct. 8.

Gage height, feet
 WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.22	3.20	2.89	6.01	4.94	8.67	7.07	5.48	6.35	4.03	5.27	2.67
2	2.15	2.92	2.91	5.25	5.35	9.01	6.81	4.86	5.37	5.43	5.89	2.72
3	2.09	2.71	2.89	4.44	4.59	8.54	5.71	4.09	4.60	8.14	6.97	3.35
4	2.05	2.60	2.88	3.96	3.98	8.59	4.84	3.70	4.52	9.32	7.29	4.37
5	2.03	2.54	2.95	3.94	3.60	8.23	4.40	3.94	4.15	9.67	6.62	4.40
6	2.01	2.55	3.00	3.57	3.35	7.18	4.70	4.55	5.25	9.17	6.49	4.05
7	1.98	2.52	2.99	3.33	3.57	8.64	4.88	6.19	6.94	8.67	7.95	3.93
8	1.96	2.48	3.36	3.24	3.69	11.36	6.89	8.30	8.26	7.73	9.18	4.19
9	2.09	2.45	3.31	3.20	3.65	11.93	9.60	9.83	7.95	6.69	9.44	4.21
10	2.34	2.44	3.39	3.16	3.77	11.15	10.91	10.00	9.08	6.11	9.42	4.02
11	2.72	2.57	3.16	3.14	4.44	10.24	12.00	9.55	9.74	5.09	8.92	3.74
12	2.79	3.22	3.15	3.18	4.80	9.14	12.63	8.50	9.22	5.52	8.13	3.44
13	2.69	3.58	3.46	3.10	4.21	8.39	12.81	7.34	8.36	5.61	7.25	3.26
14	2.57	4.26	4.85	3.05	4.03	8.03	12.03	6.05	7.26	4.83	6.58	3.13
15	2.66	5.36	6.45	3.03	3.60	8.08	10.72	4.84	6.13	5.39	6.18	3.04
16	2.78	4.77	7.87	3.02	3.50	8.16	9.49	4.25	5.12	7.09	5.49	2.97
17	2.75	4.15	8.28	3.07	4.85	8.19	8.57	4.82	4.68	7.37	4.83	2.91
18	2.64	4.40	7.51	3.04	6.10	8.64	7.79	4.64	5.55	6.54	4.73	2.85
19	2.53	5.96	6.28	3.03	5.77	9.49	7.92	4.18	7.29	5.86	5.38	2.79
20	2.54	5.89	5.33	3.01	5.19	10.05	10.34	4.02	7.69	5.37	5.92	2.75
21	2.46	4.98	4.60	3.00	4.60	11.39	12.24	4.45	7.79	5.19	6.25	2.72
22	2.40	4.03	4.33	3.01	4.62	13.85	11.74	6.14	7.12	5.34	6.07	2.72
23	2.31	3.50	4.28	3.05	5.33	14.97	10.65	7.39	5.94	5.02	5.13	2.85
24	2.29	3.26	4.32	3.05	7.15	13.99	9.73	9.65	4.94	5.06	4.19	2.93
25	2.30	3.10	5.77	3.03	9.45	12.11	8.95	12.38	4.08	5.15	3.54	2.92
26	2.38	3.00	7.38	3.05	9.76	10.66	8.66	13.19	3.46	4.81	3.22	2.88
27	2.37	3.02	9.66	3.05	9.25	9.86	8.09	12.04	3.15	4.43	3.26	2.79
28	2.37	2.95	10.04	3.03	8.62	9.33	7.11	10.78	3.23	4.04	2.92	2.74
29	---	2.89	9.32	3.06	---	8.66	6.61	9.69	4.18	3.89	2.78	2.70
30	---	2.86	8.20	3.40	---	7.72	5.81	8.75	4.29	4.94	2.72	2.64
31	3.46	---	6.96	3.97	---	7.04	---	7.46	---	5.37	2.67	---
MEAN	---	3.47	5.22	3.40	5.21	9.72	8.66	7.13	6.06	6.03	5.83	3.22
MAX	---	5.96	10.04	6.01	9.76	14.97	12.81	13.19	9.74	9.67	9.44	4.40
MIN	---	2.44	2.88	3.00	3.35	7.04	4.40	3.70	3.15	3.89	2.67	2.64

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, may have been lower during periods of missing record.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 86.28 ft, Mar. 24, 25; minimum gage height, 72.56 ft, Oct. 10.

DAY	Gage height, feet											
	WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003											
	DAILY MEAN VALUES											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	74.02	74.80	76.86	80.53	78.52	81.25	80.83	80.31	80.72	78.85	78.76	77.99
2	73.74	75.14	76.69	80.29	79.39	81.21	80.77	80.11	80.32	79.63	79.47	77.43
3	73.18	75.33	76.53	79.94	79.26	81.23	80.43	79.77	79.99	80.26	80.04	77.33
4	73.15	74.73	76.60	79.75	78.82	81.19	80.02	79.54	79.84	80.65	80.29	77.45
5	73.33	74.18	76.82	79.76	78.31	81.12	79.97	79.58	79.76	81.11	80.34	77.85
6	73.52	74.09	77.23	79.29	77.88	80.85	80.08	79.83	80.09	81.37	80.41	77.97
7	73.64	74.42	77.38	78.98	77.49	80.86	80.02	80.11	80.41	81.27	80.64	77.95
8	73.40	75.35	78.50	78.96	77.72	81.20	80.30	80.46	80.71	81.00	80.84	77.72
9	72.95	75.81	78.58	78.89	78.07	82.19	80.71	80.86	80.83	80.67	81.12	77.83
10	72.60	75.41	78.69	78.46	78.35	82.81	81.33	81.35	80.89	80.50	81.31	77.90
11	72.91	75.03	78.09	77.72	78.75	82.64	82.08	81.57	81.16	80.27	81.33	77.80
12	73.66	75.13	77.56	77.55	79.16	82.17	82.80	81.40	81.45	80.27	81.14	77.62
13	73.51	76.45	77.75	77.28	79.22	81.66	83.50	81.00	81.33	80.30	80.85	77.36
14	73.58	78.76	79.26	77.31	79.60	81.32	84.55	80.58	80.98	79.98	80.64	77.50
15	73.59	79.62	80.09	77.11	79.47	81.18	84.39	80.18	80.59	80.08	80.56	77.45
16	74.21	79.67	80.55	76.68	79.00	81.11	83.26	79.69	80.27	80.42	80.42	77.19
17	75.04	79.42	80.90	76.50	78.91	81.03	82.16	79.64	80.15	80.61	80.25	77.02
18	75.69	79.20	80.91	76.82	79.49	81.03	81.49	79.65	80.18	80.58	80.19	76.75
19	76.77	79.88	80.56	77.09	79.73	81.18	81.15	79.51	80.40	80.45	80.30	76.99
20	77.12	80.05	80.22	76.81	79.74	81.54	81.13	79.54	80.58	80.28	80.41	76.64
21	76.35	79.92	79.87	76.06	79.50	81.95	81.79	79.64	80.73	80.12	80.52	76.44
22	75.82	79.50	79.93	75.37	79.66	82.72	82.99	80.04	80.66	80.09	80.54	76.14
23	75.34	79.11	79.94	75.19	79.72	84.56	82.88	80.47	80.38	80.06	80.38	75.92
24	74.59	78.92	79.90	75.04	80.16	85.95	82.34	80.79	80.15	80.04	80.16	76.06
25	74.13	78.18	80.11	75.69	80.63	85.86	81.86	81.36	79.78	79.97	79.89	76.46
26	74.35	77.77	80.45	75.82	81.16	84.43	81.45	82.90	79.65	79.70	79.70	77.52
27	74.23	77.41	80.83	75.67	81.51	82.98	81.16	83.65	79.63	79.64	79.58	78.00
28	73.99	77.14	81.33	75.57	81.41	82.12	80.82	83.30	79.26	79.40	78.95	77.62
29	74.14	77.51	81.70	75.47	---	81.64	80.62	82.52	78.87	79.00	78.94	76.85
30	74.81	77.35	81.47	75.50	---	81.26	80.44	81.81	78.77	78.82	78.68	76.80
31	74.77	---	80.94	76.36	---	80.92	---	81.22	---	78.66	78.33	---
MAX	77.12	80.05	81.70	80.53	81.51	85.95	84.55	83.65	81.45	81.37	81.33	78.00
MIN	72.60	74.09	76.53	75.04	77.49	80.85	79.97	79.51	78.77	78.66	78.33	75.92

SANTEE RIVER BASIN

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, 77.00 ft, Apr. 15; minimum gage height, 70.85 ft, Oct. 6.

Elevation above NGVD 1929, feet
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY OBSERVATION AT 2400 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	70.99	72.32	74.33	74.84	73.73	75.67	76.65	76.67	76.57	76.05	75.42	75.05
2	70.98	72.34	74.29	74.78	73.91	75.82	76.68	76.54	76.65	75.97	75.48	74.94
3	70.91	72.41	74.39	74.51	74.10	75.96	76.67	76.47	76.64	75.90	75.58	74.90
4	70.91	72.43	74.36	74.43	74.19	76.02	76.62	76.44	76.56	75.96	75.63	74.96
5	70.88	72.53	74.32	74.30	74.41	76.10	76.55	76.27	76.50	76.06	75.79	74.95
6	70.96	72.34	74.34	73.94	74.48	76.16	76.60	76.20	76.55	76.26	75.95	74.97
7	71.23	72.47	74.34	73.91	74.60	76.16	76.66	76.12	76.59	76.42	75.97	74.99
8	71.11	72.51	74.35	73.71	74.69	75.99	76.54	76.09	76.68	76.44	76.03	75.14
9	71.08	72.58	74.37	73.62	74.87	76.01	76.43	76.10	76.72	76.43	76.15	75.17
10	71.09	72.68	74.45	73.58	74.87	76.36	76.23	76.22	76.68	76.36	76.28	75.17
11	71.37	72.78	74.41	73.57	74.96	76.54	76.13	76.38	76.62	76.29	76.43	75.16
12	71.45	72.78	74.35	73.52	75.00	76.74	76.15	76.50	76.61	76.21	76.52	75.12
13	71.52	72.86	74.31	73.46	75.08	76.76	76.29	76.57	76.72	76.19	76.54	75.12
14	71.52	73.06	74.21	73.44	75.20	76.69	76.75	76.57	---	76.16	76.51	75.07
15	71.63	73.22	74.24	73.45	75.27	76.62	76.98	76.53	---	76.04	76.42	75.06
16	71.64	73.46	74.25	73.35	75.36	76.59	76.83	76.44	---	75.98	76.39	75.03
17	71.64	73.54	74.32	73.36	75.33	76.63	76.80	76.50	76.64	75.98	76.33	74.91
18	71.78	73.82	74.38	73.35	75.35	76.64	76.77	76.18	76.69	76.00	76.31	74.83
19	71.85	74.03	74.49	73.31	75.33	76.61	76.63	76.04	76.69	76.08	76.23	74.91
20	71.94	74.20	74.42	73.34	75.31	76.65	76.40	75.92	76.73	76.05	76.22	74.89
21	72.06	74.33	74.39	73.45	75.31	76.32	76.22	75.86	76.77	75.98	76.19	74.91
22	72.07	74.34	74.36	73.52	75.26	75.93	76.42	75.96	76.76	75.96	76.15	74.85
23	72.16	74.43	74.35	73.20	75.14	76.12	76.62	75.92	76.73	75.98	76.11	74.76
24	72.16	74.51	74.45	73.31	75.08	76.56	76.62	75.99	76.74	75.89	76.15	74.72
25	72.07	74.50	74.24	73.36	75.09	76.92	76.56	76.06	76.67	75.84	76.02	74.74
26	72.17	74.48	74.33	73.38	75.14	76.88	76.49	76.31	76.56	75.85	75.91	74.80
27	72.23	74.44	74.33	73.51	75.28	76.77	76.64	76.61	76.46	75.66	75.78	74.80
28	72.26	74.43	74.39	73.56	75.53	76.74	76.71	76.67	76.39	75.53	75.61	74.69
29	72.28	74.36	74.62	73.58	---	---	76.70	76.58	76.19	75.51	75.44	74.77
30	72.27	74.33	74.79	73.59	---	---	76.71	76.59	75.97	75.41	75.29	74.76
31	72.35	---	74.85	73.62	---	76.56	---	76.52	---	75.38	75.18	---
MEAN	71.63	73.42	74.39	73.67	74.92	---	76.57	76.32	---	75.99	76.00	74.94
MAX	72.35	74.51	74.85	74.84	75.53	---	76.98	76.67	---	76.44	76.54	75.17
MIN	70.88	72.32	74.21	73.20	73.73	---	76.13	75.86	---	75.38	75.18	74.69

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, 76.75 ft, Apr. 7; minimum elevation, 70.85 ft, Oct. 4.

Elevation above NGVD 1929, feet
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY OBSERVATION AT 2400 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	70.93	72.30	74.32	74.77	73.72	75.57	76.56	76.57	76.48	75.61	75.34	74.97
2	70.93	72.32	74.33	74.66	73.87	75.81	76.61	76.58	76.47	75.88	75.34	74.85
3	70.90	72.40	74.22	74.65	74.03	75.82	76.60	76.39	76.52	75.84	75.51	74.82
4	70.88	72.41	74.31	74.39	74.26	75.91	76.53	76.21	76.49	75.90	75.69	74.83
5	70.88	72.42	74.35	74.26	74.33	75.98	76.47	76.14	76.41	75.98	75.71	74.84
6	70.89	72.50	74.30	74.18	74.54	76.09	76.41	76.14	76.43	76.14	75.81	74.89
7	71.10	72.43	74.33	73.95	74.59	76.07	76.60	76.07	76.48	76.33	75.87	75.00
8	71.15	72.47	74.35	73.77	74.66	75.89	76.43	76.01	76.60	76.40	75.91	75.14
9	71.07	72.54	74.37	73.68	74.77	75.85	76.38	76.01	76.66	76.35	75.99	75.14
10	71.05	72.62	74.38	73.65	74.93	76.09	76.12	76.12	76.58	76.32	76.18	75.14
11	71.42	72.75	74.39	73.54	74.96	76.40	75.97	76.38	76.47	76.25	76.32	75.12
12	71.46	72.85	74.32	73.45	75.02	76.60	75.90	76.51	76.57	76.15	76.43	75.11
13	71.50	72.87	74.35	73.43	75.03	76.64	75.94	76.54	76.59	76.19	76.44	75.05
14	71.52	72.97	74.28	73.45	75.10	76.52	76.29	76.49	76.55	76.08	76.41	75.04
15	71.54	73.17	74.24	73.41	75.19	76.57	76.61	76.42	76.53	75.98	76.38	75.01
16	71.62	73.47	74.21	73.48	75.28	76.48	76.55	76.35	76.57	75.89	76.33	74.97
17	71.72	73.76	74.21	73.44	75.30	76.54	76.57	76.11	76.58	75.98	76.27	74.96
18	71.73	73.81	74.30	73.43	75.28	76.54	76.64	76.11	76.58	75.98	76.23	74.87
19	71.82	74.01	74.36	73.37	75.28	76.46	76.47	76.00	76.62	76.02	76.19	74.84
20	71.92	74.18	74.45	73.32	75.25	76.53	76.31	75.85	76.66	75.99	76.15	74.81
21	71.99	74.34	74.39	73.39	75.19	76.14	76.05	75.76	76.65	75.92	76.12	74.77
22	72.05	74.44	74.35	73.47	75.23	75.67	76.19	75.74	76.64	75.91	76.10	74.75
23	72.08	74.44	74.30	73.50	75.07	75.57	76.39	75.86	76.67	75.83	76.06	74.72
24	72.13	74.51	74.40	73.28	75.01	75.83	76.39	75.85	76.65	75.80	75.98	74.68
25	72.17	74.49	74.42	73.33	74.98	76.33	76.40	75.92	76.59	75.75	75.96	74.67
26	72.16	74.49	74.30	73.45	75.03	76.47	76.37	76.07	76.50	75.70	75.87	74.69
27	72.20	74.47	74.33	73.42	75.26	76.49	76.51	76.27	76.36	75.63	75.73	74.75
28	72.23	74.42	74.36	73.48	75.38	76.53	76.57	76.42	76.29	75.51	75.55	74.79
29	72.24	74.45	74.50	73.49	---	76.51	76.61	76.43	76.12	75.33	75.37	74.68
30	72.30	74.40	74.69	73.56	---	76.52	76.61	76.47	75.93	75.33	75.22	74.69
31	72.27	---	74.79	73.56	---	76.48	---	76.54	---	75.31	75.08	---
MAX	72.30	74.51	74.79	74.77	75.38	76.64	76.64	76.58	76.67	76.40	76.44	75.14
MIN	70.88	72.30	74.21	73.28	73.72	75.57	75.90	75.74	75.93	75.31	75.08	74.67
(+)	29.12	36.23	37.54	33.43	39.67	43.80	44.29	44.02	41.73	39.40	38.54	37.20
(*)	+1658	+2743	+489	-1535	+2579	+1542	+189	-101	-883	-870	-321	-517
CAL YR 2002 *	+413	MAX	74.98	MIN	70.49							
WTR YR 2003 *	+397	MAX	76.67	MIN	70.88							

(+) CONTENTS, IN BILLIONS OF CUBIC FEET, AT END OF MONTH.

(*) CHANGE IN CONTENT, EQUIVALENT IN CUBIC FEET PER SECOND.

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, 52.59 ft, Mar. 21, 25; minimum gage height, 26.21 ft, July 13.

Gage height, feet												
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	26.93	26.88	26.91	26.69	26.61	26.64	26.74	26.65	26.69	26.85	26.80	26.83
2	26.92	26.85	26.89	26.67	26.58	26.63	26.68	26.61	26.65	26.85	26.80	26.82
3	27.00	26.83	26.87	26.65	26.58	26.63	26.68	26.60	26.64	27.47	26.83	26.99
4	27.34	26.62	26.84	26.70	26.60	26.65	26.72	26.64	26.67	27.46	26.80	26.95
5	26.69	26.61	26.64	26.70	26.64	26.67	26.79	26.63	26.67	26.83	26.76	26.80
6	26.67	26.60	26.63	27.09	26.62	26.81	26.69	26.62	26.66	26.95	26.77	26.82
7	26.85	26.60	26.66	26.82	26.70	26.76	26.67	26.58	26.63	27.11	26.74	26.84
8	26.84	26.70	26.76	26.83	26.76	26.80	26.65	26.57	26.62	26.99	26.77	26.85
9	26.74	26.63	26.69	26.82	26.73	26.78	26.68	26.59	26.64	26.95	26.73	26.83
10	26.67	26.60	26.64	26.80	26.74	26.77	26.70	26.64	26.67	26.81	26.75	26.78
11	27.74	26.62	27.12	26.85	26.74	26.79	26.70	26.63	26.66	26.83	26.76	26.79
12	27.04	26.65	26.84	26.86	26.79	26.82	26.66	26.62	26.64	26.88	26.77	26.82
13	26.69	26.62	26.65	26.98	26.62	26.75	26.82	26.64	26.69	26.84	26.76	26.80
14	26.72	26.62	26.68	26.78	26.57	26.67	27.41	26.67	26.93	26.81	26.75	26.79
15	26.73	26.65	26.70	26.80	26.73	26.77	26.88	26.64	26.69	26.84	26.77	26.80
16	26.71	26.64	26.67	26.82	26.73	26.77	26.70	26.62	26.66	26.83	26.76	26.80
17	26.76	26.62	26.68	27.37	26.76	26.98	27.12	26.55	26.72	26.85	26.77	26.81
18	26.72	26.64	26.68	27.29	26.63	26.79	26.70	26.63	26.67	26.84	26.76	26.81
19	26.72	26.63	26.67	26.72	26.50	26.65	26.77	26.63	26.70	26.89	26.77	26.82
20	26.67	26.61	26.65	26.68	26.62	26.65	27.49	26.72	26.96	26.95	26.75	26.81
21	26.67	26.62	26.64	26.67	26.62	26.64	26.88	26.75	26.81	26.80	26.72	26.76
22	26.72	26.63	26.67	26.87	26.63	26.74	26.80	26.74	26.77	26.85	26.76	26.80
23	26.68	26.61	26.65	26.78	26.65	26.69	26.79	26.70	26.75	27.04	26.75	26.86
24	26.86	26.53	26.67	26.70	26.63	26.67	26.89	26.74	26.80	26.95	26.77	26.84
25	26.86	26.48	26.61	26.69	26.62	26.65	30.93	26.79	28.58	27.03	26.66	26.81
26	26.74	26.52	26.65	26.69	26.62	26.65	28.54	26.85	27.15	26.80	26.75	26.78
27	26.64	26.57	26.61	26.71	26.63	26.66	26.87	26.83	26.85	26.85	26.77	26.80
28	26.64	26.58	26.61	26.72	26.63	26.68	26.88	26.82	26.84	26.81	26.75	26.78
29	26.66	26.60	26.63	26.72	26.65	26.68	26.88	26.78	26.83	26.87	26.74	26.79
30	26.70	26.62	26.65	27.02	26.67	26.77	26.84	26.79	26.82	26.99	26.75	26.87
31	26.72	26.62	26.67	---	---	---	26.85	26.80	26.82	27.01	26.94	26.98
MONTH	27.74	26.48	26.71	27.37	26.50	26.72	30.93	26.55	26.80	27.47	26.66	26.83

SANTEE RIVER BASIN

02171001 SANTEE RIVER AT LAKE MARION TAILRACE NEAR PINEVILLE, SC--Continued

Gage height, feet
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	26.98	26.93	26.95	26.73	26.67	26.70	37.39	32.47	34.96	28.79	28.42	28.63
2	26.96	26.92	26.94	26.89	26.68	26.79	32.47	29.33	31.05	28.88	28.35	28.50
3	26.96	26.77	26.88	26.86	26.68	26.75	30.20	27.92	29.01	29.91	28.46	29.00
4	27.01	26.66	26.81	26.87	26.63	26.74	29.03	27.34	27.93	28.46	28.26	28.31
5	26.86	26.79	26.81	26.76	26.70	26.73	28.35	27.07	27.59	28.28	28.04	28.16
6	26.86	26.79	26.83	26.97	26.74	26.85	27.07	26.77	26.95	28.47	27.99	28.09
7	26.88	26.78	26.82	41.67	26.93	32.34	44.74	26.92	32.42	28.11	27.06	27.79
8	26.83	26.77	26.80	46.14	41.67	43.71	45.11	43.86	44.33	27.92	27.85	27.89
9	26.81	26.76	26.78	46.35	46.11	46.24	45.31	43.92	44.39	28.21	27.87	27.96
10	27.79	26.77	27.03	48.43	46.24	47.10	47.19	45.28	46.38	27.90	27.83	27.86
11	26.94	26.65	26.82	48.74	46.05	47.00	48.32	46.82	47.34	29.43	27.87	28.35
12	27.55	26.78	26.94	46.75	45.16	45.86	49.27	47.67	48.22	34.43	29.43	32.16
13	26.80	26.72	26.77	46.42	44.94	45.66	49.35	48.89	49.09	33.64	29.17	30.37
14	26.79	26.74	26.77	46.07	45.54	45.73	50.16	48.85	49.61	30.19	28.16	28.76
15	26.79	26.72	26.76	46.08	45.51	45.69	50.19	49.82	50.00	28.24	27.10	27.75
16	26.85	26.73	26.80	45.84	44.47	45.42	50.18	48.93	49.76	27.20	27.01	27.07
17	26.86	26.74	26.80	44.82	43.18	43.99	49.23	45.99	47.67	27.06	26.99	27.02
18	26.91	26.70	26.76	43.25	38.38	41.27	46.08	45.92	46.01	27.02	26.98	27.00
19	26.76	26.70	26.73	43.80	43.12	43.61	46.06	45.91	45.98	27.04	26.98	27.01
20	26.76	26.70	26.72	---	---	---	46.04	45.86	45.97	27.02	26.97	26.99
21	26.76	26.71	26.74	---	---	---	47.63	45.90	46.81	27.01	26.96	26.98
22	26.79	26.69	26.74	52.51	52.31	52.43	47.68	47.09	47.45	27.01	26.96	26.98
23	32.44	26.73	29.94	52.31	52.00	52.20	47.67	47.16	47.38	27.03	26.96	26.99
24	30.84	26.67	28.10	---	---	---	47.59	47.08	47.33	27.02	26.96	26.98
25	26.76	26.69	26.73	---	---	---	47.56	47.07	47.34	43.67	26.97	30.13
26	26.77	26.71	26.74	51.15	50.62	50.90	47.52	44.48	46.24	47.11	43.67	45.68
27	26.79	26.69	26.75	51.11	46.87	49.21	44.48	40.50	42.58	49.41	47.08	48.26
28	26.81	26.67	26.73	47.79	46.72	47.12	40.50	36.27	38.92	49.42	48.65	48.96
29	---	---	---	47.37	44.52	46.25	36.27	30.24	33.51	48.96	47.76	48.37
30	---	---	---	45.47	44.07	44.73	30.24	28.14	28.93	47.90	44.99	46.81
31	---	---	---	45.67	37.39	42.70	---	---	---	45.52	44.79	45.02
MONTH	32.44	26.65	26.96	---	---	---	50.19	26.77	41.70	49.42	26.96	31.80

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	44.98	36.95	42.30	26.87	26.53	26.71	26.80	26.68	26.74	27.01	26.96	26.98
2	36.95	31.25	33.83	26.85	26.59	26.72	26.85	26.72	26.77	27.01	26.94	26.98
3	31.25	28.56	29.71	27.00	26.55	26.71	26.80	26.71	26.76	27.00	26.94	26.97
4	28.56	27.56	28.05	26.62	26.54	26.57	26.84	26.71	26.75	27.00	26.92	26.96
5	28.04	27.22	27.60	26.71	26.53	26.60	26.91	26.51	26.74	26.97	26.91	26.94
6	27.22	27.06	27.12	---	---	---	26.86	26.74	26.77	26.98	26.90	26.94
7	27.44	27.05	27.19	---	---	---	26.95	26.73	26.80	26.98	26.90	26.94
8	27.69	27.14	27.32	26.82	26.29	26.51	26.79	26.72	26.76	26.99	26.92	26.95
9	28.78	27.44	27.94	27.05	26.32	26.70	26.79	26.73	26.76	---	---	---
10	42.63	27.31	34.10	27.51	26.31	26.58	26.78	26.72	26.76	---	---	---
11	43.73	42.63	43.41	28.89	26.40	26.86	26.86	26.73	26.78	26.97	26.90	26.93
12	44.14	43.70	43.87	27.04	26.31	26.52	26.79	26.75	26.77	26.96	26.90	26.93
13	45.32	44.05	44.31	26.49	26.21	26.39	26.79	26.75	26.77	26.96	26.90	26.93
14	45.49	44.38	44.84	26.47	26.36	26.40	26.79	26.71	26.76	26.97	26.91	26.94
15	44.39	35.32	41.21	---	---	---	26.83	26.71	26.75	26.96	26.89	26.92
16	35.32	29.45	32.03	---	---	---	27.19	26.79	26.95	26.97	26.89	26.93
17	29.45	27.72	28.34	---	---	---	27.20	26.79	26.93	26.95	26.89	26.92
18	27.73	27.41	27.54	---	---	---	27.31	26.82	27.09	27.79	26.90	27.17
19	29.34	27.42	28.32	---	---	---	27.27	27.06	27.15	26.95	26.83	26.88
20	28.44	27.35	27.81	---	---	---	27.07	27.01	27.03	26.88	26.82	26.85
21	27.76	27.30	27.56	---	---	---	27.04	26.99	27.02	26.89	26.83	26.86
22	35.94	27.15	29.58	---	---	---	27.30	27.01	27.13	26.88	26.82	26.85
23	37.19	28.46	32.62	---	---	---	27.27	27.03	27.13	26.89	26.83	26.86
24	29.04	27.23	28.03	---	---	---	27.12	27.02	27.06	26.88	26.82	26.85
25	28.53	27.00	27.57	---	---	---	27.05	27.00	27.03	26.88	26.83	26.85
26	28.40	27.09	27.53	---	---	---	27.11	27.00	27.04	26.87	26.83	26.85
27	28.43	26.95	27.53	---	---	---	27.10	26.98	27.05	26.89	26.83	26.86
28	27.36	26.84	26.95	---	---	---	27.04	26.96	27.00	26.94	26.83	26.87
29	27.44	26.79	26.91	26.79	26.72	26.75	27.03	26.96	26.99	26.91	26.81	26.85
30	27.16	26.83	26.97	26.86	26.68	26.75	27.01	26.97	26.99	26.88	26.82	26.84
31	---	---	---	26.74	26.68	26.71	27.01	26.96	26.98	---	---	---
MONTH	45.49	26.79	31.60	---	---	---	27.31	26.51	26.90	---	---	---

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 fair except for estimated daily discharges, which are poor. Discharge records for 1987-2003 water years are computed by utilization of a One-Dimensional unsteady flow simulation model (BRANCH). 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). 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 (see sta 02171520).

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	682	599	632	626	697	590	338	1060	8280	538	586	669
2	680	597	620	625	694	611	1350	1080	1840	539	589	669
3	673	596	620	679	675	626	1110	1340	1050	538	589	669
4	665	602	627	662	652	629	896	1100	781	514	590	665
5	599	613	628	617	651	623	835	1050	754	519	599	658
6	596	652	625	625	655	631	632	1030	646	572	598	659
7	601	634	619	642	654	736	4300	900	692	580	598	658
8	630	652	616	647	646	12200	13600	946	725	577	586	660
9	610	645	620	646	643	17300	13900	974	958	571	586	659
10	596	643	631	638	727	18200	17900	938	4870	577	587	656
11	722	648	627	645	651	18300	22000	1140	11700	546	595	657
12	650	658	624	654	690	16400	29300	3050	12900	547	593	656
13	602	639	637	647	633	16400	38400	1850	13600	542	595	657
14	608	614	715	643	633	16300	44500	1230	14900	567	591	659
15	616	646	636	648	631	16300	50000	883	6540	583	589	655
16	607	646	620	647	641	15900	47400	663	1410	563	651	657
17	609	713	638	651	642	12500	28100	650	863	543	644	656
18	609	656	620	650	628	8400	17200	647	760	597	687	736
19	608	612	620	654	620	12300	17200	648	650	598	690	639
20	599	613	688	651	616	15900	17100	648	650	563	664	632
21	598	612	638	635	618	35300	20400	653	650	607	661	633
22	606	640	626	649	616	53900	23700	654	646	592	699	632
23	599	627	621	665	e610	63400	24000	657	1700	594	703	633
24	606	619	634	663	e615	85400	23800	650	2300	588	681	650
25	592	616	1360	650	600	83900	24000	2730	650	585	673	650
26	598	616	731	640	602	65000	19800	15400	650	588	676	650
27	589	620	638	647	601	44600	12500	29000	650	580	678	632
28	589	625	637	640	595	20100	4250	35700	590	570	660	637
29	594	624	630	643	---	18300	1920	29500	585	595	659	632
30	602	655	628	670	---	13800	857	20400	599	595	666	629
31	609	---	626	706	---	8110	---	15300	---	581	667	---
TOTAL	19144	18932	20432	20105	17936	692656	521288	172471	93589	17649	19630	19604
MEAN	618	631	659	649	641	22340	17380	5564	3120	569	633	653
MAX	722	713	1360	706	727	85400	50000	35700	14900	607	703	736
MIN	589	596	616	617	595	590	338	647	585	514	586	629

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1942 - 2003, BY WATER YEAR (WY)

MEAN	1919	833	1439	2560	3992	5682	4426	1360	1009	704	823	1263
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

SANTEE RIVER BASIN

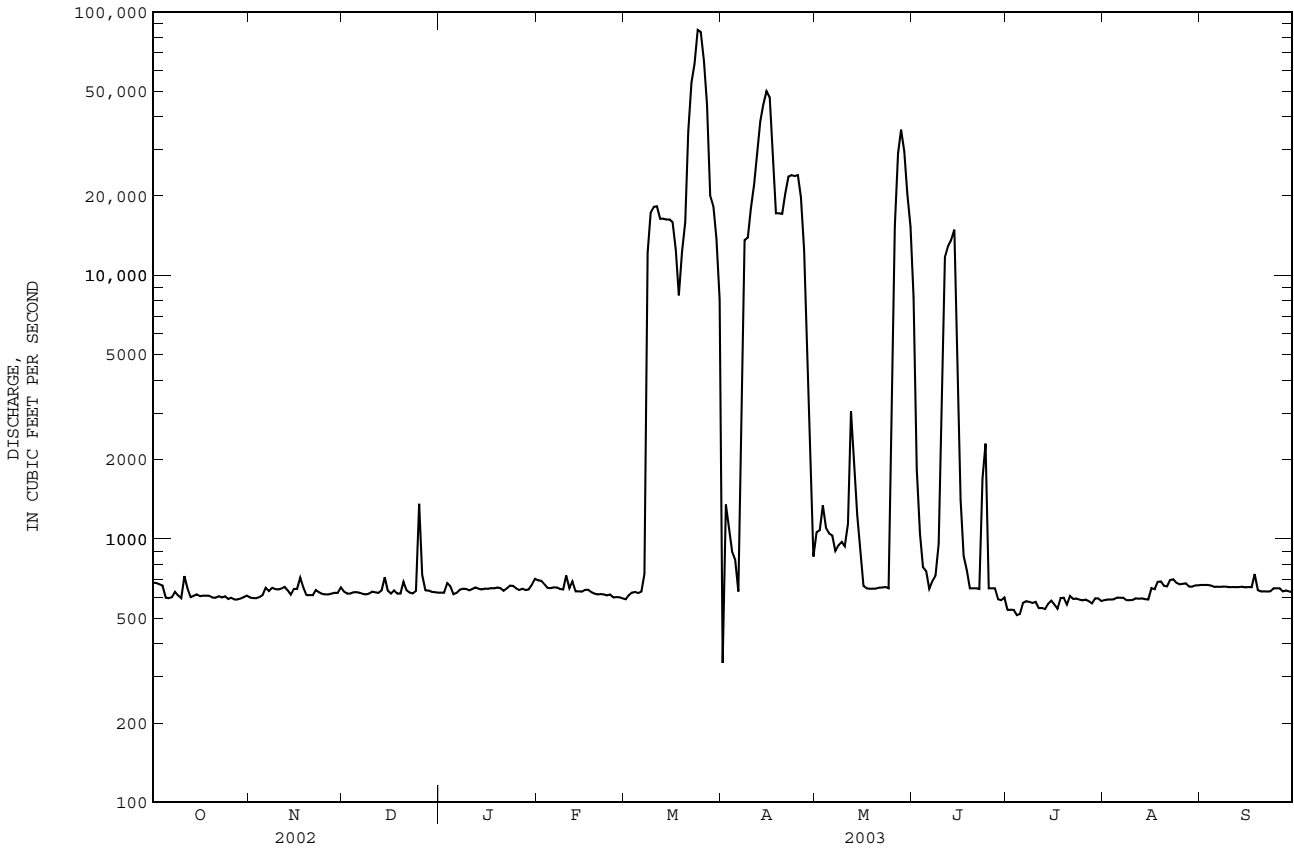
02171500 SANTEE RIVER NEAR PINEVILLE, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1942 - 2003	
ANNUAL TOTAL	229594		1633436		2156	
ANNUAL MEAN	629		4475		7682	
HIGHEST ANNUAL MEAN					1960	
LOWEST ANNUAL MEAN					491	
HIGHEST DAILY MEAN	1360	Dec 25	85400	Mar 24	153000	Sep 22 1945
LOWEST DAILY MEAN	588	Sep 28	338	Apr 1	a 9	Feb 23 1947
ANNUAL SEVEN-DAY MINIMUM	595	Oct 23	543	Jul 1	25	Feb 17 1947
MAXIMUM PEAK FLOW			88800	Mar 25	b 155000	Sep 23 1945
MAXIMUM PEAK STAGE			27.44	Mar 25	31.10	Sep 23 1945
10 PERCENT EXCEEDS	642		16300		1600	
50 PERCENT EXCEEDS	628		648		547	
90 PERCENT EXCEEDS	606		590		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



02171639 REDIVERSION CANAL AT ST. STEPHENS, SC

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 good except for Nov. 15 to Dec. 6, and Aug. 29 to Sep. 23, which are fair. pH records rated good except for Oct. 1-22 and Aug. 29 to Sep. 23, which are poor. Temperature records rated excellent. Dissolved oxygen records rated fair except for Oct. 10-22, Oct. 28 to Nov. 14, Feb. 5 to June 20, which are poor. Dissolved oxygen concentrations are not corrected for salinity.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 380 microsiemens, May 21, 2003; minimum, 52 microsiemens, May 22, 2003.

pH: Maximum, 8.6 units, May 3, 2001; minimum, 5.4 units, Sep. 22, 23, 2003.

WATER TEMPERATURE: Maximum, 31.7°C, July 20, 2002; minimum, 3.5°C, Jan. 4, 5, 2001.

DISSOLVED OXYGEN: Maximum, 15.6 mg/L, Jan. 9, 2002; minimum, 2.6 mg/L, Mar. 13, Aug. 26, 27, 2001.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 380 microsiemens, May 21; minimum, 52 microsiemens, May 22.

pH: Maximum, 8.3 units, Dec. 23; minimum, 5.4 units, Sep. 22, 23.

WATER TEMPERATURE: Maximum, 31.5°C, Aug. 31; minimum, 4.3°C, Jan. 24.

DISSOLVED OXYGEN: Maximum, 12.3 mg/L, Feb. 14-16; minimum, 4.1 mg/L, Oct. 13.

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	200	135	150	---	---	---	161	142	153	138	136	137
2	180	125	147	---	---	---	198	143	161	139	136	137
3	190	134	162	---	---	---	162	144	152	139	137	138
4	208	134	167	---	---	---	162	144	153	137	133	135
5	190	135	160	---	---	---	191	136	153	136	134	135
6	163	134	152	---	---	---	156	146	153	137	136	137
7	200	135	151	---	---	---	293	152	190	---	---	---
8	170	133	143	---	---	---	219	152	162	---	---	---
9	170	133	144	---	---	---	198	151	158	---	---	---
10	160	132	146	---	---	---	201	151	158	---	---	---
11	233	104	153	---	---	---	180	150	154	---	---	---
12	160	95	128	---	---	---	158	150	151	---	---	---
13	177	95	128	---	---	---	163	149	151	---	---	---
14	140	122	132	---	---	---	157	149	150	---	---	---
15	149	121	133	---	---	---	155	146	149	---	---	---
16	148	130	138	169	144	155	147	146	146	---	---	---
17	157	130	141	170	152	157	147	146	147	---	---	---
18	157	130	146	196	136	155	148	147	148	---	---	---
19	156	129	141	196	137	159	152	148	149	---	---	---
20	165	129	145	189	137	154	153	148	148	---	---	---
21	165	129	146	155	138	149	154	145	147	---	---	---
22	---	---	---	156	138	148	147	144	144	---	---	---
23	---	---	---	156	138	150	153	143	144	---	---	---
24	---	---	---	157	139	150	149	142	144	---	---	---
25	---	---	---	157	139	148	144	142	143	---	---	---
26	---	---	---	158	140	150	144	142	143	---	---	---
27	---	---	---	166	140	151	144	143	144	---	---	---
28	---	---	---	176	141	152	144	143	144	---	---	---
29	---	---	---	159	141	149	143	141	142	---	---	---
30	---	---	---	169	141	153	142	137	140	---	---	---
31	---	---	---	---	---	---	138	136	137	---	---	---
MONTH	---	---	---	---	---	---	293	136	150	---	---	---

SANTÉE RIVER BASIN

02171639 REDIVERSION CANAL AT ST. STEPHENS, SC--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	126	119	119	90	85	88	77	73	75
2	---	---	---	119	118	118	90	84	87	76	69	73
3	---	---	---	119	118	119	84	74	78	75	71	72
4	---	---	---	119	119	119	74	70	72	74	70	72
5	---	---	---	119	118	119	76	72	74	75	71	72
6	197	120	149	120	118	118	83	73	76	74	72	73
7	177	120	145	118	116	117	85	79	82	73	69	71
8	202	128	154	117	117	117	83	80	81	70	69	69
9	167	126	134	119	115	116	86	82	84	69	68	69
10	130	120	124	115	114	114	85	81	83	68	67	68
11	122	119	120	115	114	115	85	79	82	68	66	67
12	137	118	122	115	114	114	79	73	77	69	67	68
13	125	118	120	115	110	112	76	73	75	70	68	69
14	182	116	124	113	109	111	78	75	76	72	63	71
15	123	115	117	115	112	113	81	76	78	71	56	70
16	122	116	118	113	111	112	81	78	80	71	68	70
17	125	118	119	111	105	109	82	79	80	70	57	68
18	119	118	118	105	103	105	82	79	80	70	68	69
19	121	119	119	107	105	105	81	78	80	70	62	69
20	121	119	120	108	103	106	82	78	80	93	66	71
21	120	119	120	103	101	103	84	78	81	380	68	94
22	121	118	120	102	101	101	84	80	82	150	52	76
23	120	118	119	102	100	101	85	80	83	150	67	80
24	120	118	119	100	97	98	82	77	80	68	60	68
25	119	118	118	99	96	98	86	78	82	68	54	66
26	119	118	119	98	96	97	88	80	84	73	66	68
27	119	119	119	96	95	95	87	78	82	69	68	68
28	119	119	119	95	92	93	81	76	78	69	68	69
29	---	---	---	97	94	96	80	74	77	69	68	69
30	---	---	---	94	92	92	78	72	76	71	69	70
31	---	---	---	92	90	91	---	---	---	82	66	71
MONTH	---	---	---	126	90	108	90	70	80	380	52	71

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	74	70	72	---	---	---	82	62	68	66	62	63
2	74	70	72	---	---	---	80	63	67	77	62	65
3	72	70	71	---	---	---	89	62	69	81	62	67
4	71	68	70	73	72	72	80	62	66	78	62	67
5	69	68	69	72	71	71	65	63	64	89	63	69
6	71	68	69	72	71	71	64	63	63	79	64	70
7	69	66	68	72	71	71	64	63	64	93	64	73
8	69	64	67	73	71	72	64	63	64	86	64	71
9	69	64	67	73	72	72	64	63	63	83	64	68
10	70	66	68	73	71	72	64	62	63	94	63	73
11	68	65	66	73	71	72	64	62	63	82	63	69
12	67	64	66	74	71	73	63	62	63	76	63	68
13	68	63	66	74	72	73	63	62	62	72	64	67
14	69	64	67	74	72	73	64	62	63	74	64	67
15	67	63	66	73	71	72	62	61	62	82	64	68
16	66	61	64	73	71	71	63	61	62	107	65	70
17	68	60	64	73	69	72	63	62	63	99	65	72
18	70	62	65	71	69	70	65	63	64	98	66	74
19	66	63	64	72	70	71	66	64	65	89	66	70
20	67	64	66	72	70	71	65	63	64	89	67	73
21	68	67	67	72	70	71	63	62	63	113	67	77
22	70	67	69	72	68	70	64	62	63	89	68	71
23	70	69	70	69	68	69	64	62	63	91	67	71
24	70	69	69	71	69	70	65	64	64	153	67	80
25	70	69	69	71	69	70	64	63	63	90	66	74
26	70	69	69	70	68	69	65	62	63	87	66	72
27	---	---	---	69	67	68	64	62	63	81	66	70
28	---	---	---	68	66	67	64	62	63	96	66	73
29	---	---	---	73	64	67	65	63	63	83	66	71
30	---	---	---	81	63	68	66	62	63	89	65	71
31	---	---	---	74	63	67	65	62	63	---	---	---
MONTH	---	---	---	---	---	---	89	61	64	153	62	70

SANTEE RIVER BASIN

02171639 REDIVERSION CANAL AT ST. STEPHENS, SC--Continued

pH, water, unfiltered, field, standard units
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	7.4	6.9	6.5	6.3	7.6	7.3	7.7	7.3	---	---	7.5	7.2
2	7.5	7.1	6.6	6.4	7.5	7.3	7.5	7.3	---	---	7.4	7.1
3	7.5	7.0	6.8	6.5	7.5	7.3	7.4	7.2	---	---	7.6	7.2
4	7.4	6.9	7.0	6.4	7.4	7.0	7.2	7.1	---	---	7.5	7.2
5	7.4	6.9	6.9	6.4	7.3	6.8	7.3	7.1	---	---	7.6	7.2
6	7.2	7.1	6.9	6.5	7.7	7.2	7.4	7.2	7.1	6.4	7.5	7.2
7	7.5	6.9	7.0	6.5	7.8	7.4	7.3	7.0	7.0	6.5	7.3	7.2
8	7.2	7.0	7.1	6.5	7.8	7.5	---	---	6.7	6.4	7.4	7.1
9	7.4	7.0	7.0	6.6	7.8	7.5	---	---	6.8	6.6	7.4	7.1
10	7.3	6.8	7.4	6.7	7.6	7.5	---	---	7.1	6.6	7.4	7.2
11	7.1	6.7	7.0	6.8	7.7	7.5	---	---	7.2	7.0	7.5	7.1
12	7.1	6.9	6.9	6.6	7.7	7.5	---	---	7.3	7.0	7.5	7.2
13	6.9	6.7	7.2	6.8	7.7	7.5	---	---	7.6	7.1	7.6	7.1
14	7.0	6.8	7.2	7.0	7.8	7.5	---	---	8.2	7.3	7.5	7.3
15	7.1	7.0	7.2	6.9	7.9	7.6	---	---	8.2	7.9	7.3	7.2
16	7.1	7.0	7.1	7.0	7.9	7.6	---	---	8.2	7.4	7.2	7.1
17	7.0	6.8	7.1	7.0	7.9	7.6	---	---	7.5	7.1	7.1	7.0
18	6.9	6.8	7.3	6.8	7.8	7.6	---	---	7.6	7.3	7.0	6.9
19	7.0	6.9	7.2	6.8	7.8	7.5	---	---	7.8	7.4	7.1	6.9
20	7.0	6.8	7.4	6.9	7.8	7.5	---	---	7.9	7.5	7.1	6.9
21	7.2	6.7	7.5	7.2	7.9	7.5	---	---	7.9	7.5	7.1	6.9
22	7.1	6.7	7.5	7.3	8.1	7.5	---	---	7.8	7.4	7.2	7.0
23	7.1	6.9	7.5	7.3	8.3	7.6	---	---	7.4	7.2	7.1	7.0
24	7.3	6.9	7.6	7.4	8.1	7.6	---	---	8.2	7.3	7.1	6.9
25	7.1	6.9	7.6	7.4	7.7	7.5	---	---	8.2	7.7	7.1	6.9
26	7.1	6.9	7.5	7.3	7.7	7.5	---	---	8.0	7.4	7.1	6.9
27	7.0	6.8	7.6	7.3	7.8	7.5	---	---	7.6	7.2	7.0	6.8
28	7.6	6.6	7.6	7.2	7.7	7.4	---	---	7.6	7.1	6.9	6.8
29	7.1	6.3	7.7	7.4	7.7	7.4	---	---	---	---	6.9	6.7
30	6.5	6.3	7.6	7.3	7.7	7.4	---	---	---	---	6.8	6.7
31	6.5	6.3	---	---	7.6	7.4	---	---	---	---	6.8	6.7
MONTH	7.6	6.3	7.7	6.3	8.3	6.8	---	---	---	---	7.6	6.7

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	6.8	6.7	7.2	6.9	7.2	6.9	---	---	6.8	6.4	6.4	5.9
2	6.9	6.7	7.1	6.9	7.2	7.0	---	---	6.9	6.5	6.3	5.9
3	6.9	6.7	7.0	6.8	7.2	7.0	---	---	6.8	6.4	6.2	5.8
4	6.7	6.7	6.9	6.8	7.0	6.9	7.2	6.8	6.8	6.4	6.2	5.8
5	6.7	6.6	6.9	6.8	7.3	6.9	7.2	6.8	6.8	6.4	6.3	5.7
6	6.7	6.6	7.0	6.8	7.4	7.1	7.1	6.8	6.9	6.6	6.4	5.9
7	6.7	6.7	6.9	6.8	7.3	7.0	7.0	6.8	6.8	6.6	6.3	5.8
8	6.7	6.7	7.0	6.7	7.4	7.1	7.0	6.7	6.8	6.6	6.2	5.7
9	6.8	6.7	7.0	6.8	7.5	7.0	7.0	6.7	6.8	6.6	6.4	5.8
10	6.8	6.8	7.0	6.8	7.3	7.0	6.9	6.7	6.8	6.6	6.4	5.8
11	6.8	6.7	6.9	6.8	7.3	7.0	6.9	6.6	6.8	6.6	6.2	5.7
12	6.8	6.7	7.0	6.8	7.1	6.8	7.0	6.7	6.7	6.5	6.3	5.7
13	6.8	6.7	6.9	6.7	6.9	6.7	6.9	6.7	6.7	6.5	6.3	5.7
14	6.9	6.7	6.9	6.7	6.8	6.7	6.9	6.7	6.7	6.5	6.3	5.6
15	7.1	6.8	6.9	6.8	6.8	6.7	6.9	6.7	6.8	6.6	6.4	5.6
16	7.3	6.9	6.9	6.7	6.8	6.7	7.0	6.7	6.8	6.6	6.3	5.8
17	7.3	6.9	7.0	6.8	6.8	6.7	6.9	6.7	6.6	6.5	6.3	5.7
18	7.2	7.0	7.0	6.9	6.8	6.8	6.8	6.7	6.5	6.5	6.2	5.6
19	7.0	6.8	7.0	6.9	6.8	6.7	6.8	6.6	6.6	6.4	6.3	5.5
20	6.8	6.7	7.2	6.9	7.0	6.7	6.8	6.6	6.7	6.4	6.2	5.5
21	6.9	6.7	7.4	6.6	7.1	6.7	6.9	6.6	6.8	6.5	6.1	5.5
22	7.0	6.8	7.3	6.7	7.0	6.7	6.9	6.7	6.7	6.6	5.9	5.4
23	7.0	6.9	7.4	6.7	7.0	6.7	6.7	6.6	6.7	6.6	6.2	5.4
24	6.9	6.8	7.5	7.1	7.0	6.8	6.8	6.6	6.6	6.5	6.1	5.8
25	7.0	6.9	7.5	7.1	7.1	6.8	6.7	6.6	6.6	6.4	6.3	5.8
26	7.1	6.9	7.2	7.0	7.1	6.9	6.8	6.6	6.6	6.5	6.2	6.0
27	7.1	6.9	7.2	7.0	---	---	6.9	6.6	6.7	6.5	6.3	6.0
28	7.0	6.9	7.3	7.1	---	---	6.9	6.7	6.7	6.5	6.3	6.0
29	7.2	6.9	7.2	7.0	---	---	7.0	6.5	6.6	6.3	6.3	6.1
30	7.2	7.0	7.4	7.0	---	---	6.9	6.5	6.4	6.1	6.5	6.1
31	---	---	7.3	7.0	---	---	6.8	6.5	6.5	6.0	---	---
MONTH	7.3	6.6	7.5	6.6	---	---	---	---	6.9	6.0	6.5	5.4

SANTEE RIVER BASIN

02171639 REDIVERSION CANAL AT ST. STEPHENS, SC--Continued

Temperature, water, degrees Celsius
 WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	26.5	25.9	26.2	20.0	19.4	19.7	11.7	11.1	11.3	10.7	9.7	10.2			
2	27.0	25.8	26.3	19.6	19.0	19.3	11.2	10.5	10.8	10.3	9.8	9.9			
3	27.2	26.1	26.6	19.2	18.8	19.0	10.7	10.2	10.4	10.2	9.6	9.9			
4	27.1	26.4	26.8	19.1	18.7	18.9	10.4	9.8	10.1	9.7	8.8	9.2			
5	27.5	26.5	26.9	18.9	18.6	18.8	10.0	9.0	9.5	9.9	8.9	9.3			
6	28.4	26.8	27.2	19.1	18.4	18.8	9.4	8.8	9.1	10.0	9.1	9.4			
7	27.7	27.1	27.4	18.5	17.8	18.3	9.5	8.9	9.3	9.2	8.1	8.4			
8	27.1	26.1	26.7	17.8	17.3	17.6	9.4	9.0	9.2	8.8	7.5	8.0			
9	26.2	25.2	25.8	17.5	17.2	17.4	9.8	9.2	9.5	9.5	8.2	8.6			
10	25.7	25.2	25.3	17.5	17.3	17.4	9.7	9.0	9.4	9.9	9.1	9.4			
11	25.2	24.6	25.0	18.1	17.4	17.7	9.4	9.0	9.2	9.8	8.6	9.1			
12	24.9	24.3	24.6	18.5	18.0	18.3	9.7	9.1	9.4	9.0	7.9	8.3			
13	24.3	24.0	24.2	18.5	17.7	18.2	10.1	9.5	9.8	8.2	7.8	8.0			
14	24.4	23.8	24.2	17.7	17.1	17.6	10.1	9.3	9.7	8.5	7.7	8.2			
15	23.8	22.5	23.1	17.3	17.0	17.1	9.7	8.9	9.3	8.5	7.6	8.0			
16	22.5	21.9	22.2	17.2	17.0	17.1	9.9	8.9	9.3	8.1	7.5	7.8			
17	22.0	21.4	21.8	17.2	16.4	17.0	9.8	9.1	9.4	9.0	7.6	8.3			
18	21.9	21.3	21.6	16.4	15.9	16.2	9.5	9.1	9.3	7.8	6.5	7.4			
19	21.4	21.0	21.2	15.9	14.2	14.7	10.0	9.4	9.6	7.2	5.3	6.4			
20	21.1	20.9	21.0	14.5	13.7	14.1	11.2	9.9	10.5	6.7	5.3	5.9			
21	22.2	21.0	21.2	15.2	14.3	14.8	10.5	9.3	9.9	7.7	5.9	6.8			
22	21.9	21.0	21.4	15.1	14.6	14.9	10.6	9.2	9.9	8.1	6.9	7.6			
23	21.3	20.8	21.0	14.6	13.2	13.9	10.8	10.0	10.4	8.0	5.1	6.9			
24	20.8	20.2	20.5	13.6	12.8	13.3	10.4	10.0	10.2	5.9	4.3	5.2			
25	20.4	20.0	20.2	14.1	13.2	13.6	10.2	9.3	10.1	7.0	5.5	6.4			
26	20.3	20.0	20.1	14.4	13.9	14.2	9.3	8.3	8.8	7.0	6.2	6.6			
27	20.4	19.9	20.2	14.4	14.0	14.2	9.5	8.7	9.0	6.4	4.7	5.8			
28	20.5	20.4	20.5	14.0	12.4	13.5	9.3	8.5	8.9	5.9	5.3	5.6			
29	21.6	20.5	20.9	12.5	11.6	12.0	9.2	8.4	8.8	6.3	5.6	5.9			
30	20.9	20.4	20.8	11.7	10.8	11.2	9.6	8.5	9.0	6.8	5.8	6.4			
31	20.5	19.9	20.3	---	---	---	9.7	9.0	9.3	7.4	5.0	6.2			
MONTH	28.4	19.9	23.3	20.0	10.8	16.3	11.7	8.3	9.6	10.7	4.3	7.7			

DAY	MAX	MIN	MEAN	Temperature, water, degrees Celsius			MAX	MIN	MEAN	MAX	MIN	MEAN
				MAX	MIN	MEAN						
FEBRUARY												
1	7.5	6.8	7.3	10.1	9.9	10.0	16.2	14.6	15.4	22.8	21.9	22.1
2	7.5	6.5	6.8	11.3	10.1	10.5	17.1	15.1	15.9	23.2	21.3	22.0
3	8.6	6.9	7.7	11.6	10.4	10.9	17.5	15.9	16.6	23.0	21.7	22.3
4	9.7	8.5	9.0	11.2	10.6	10.9	18.1	16.4	17.1	22.9	21.5	22.1
5	9.7	8.6	9.0	11.8	10.9	11.2	18.8	17.6	18.1	22.4	21.5	21.9
6	9.3	8.9	9.1	11.9	11.6	11.7	18.5	17.8	18.1	23.2	22.1	22.5
7	9.5	9.0	9.3	11.9	11.2	11.6	18.0	17.3	17.7	23.8	22.4	23.0
8	9.8	9.3	9.6	12.4	10.7	11.4	17.3	16.2	16.6	24.8	22.9	23.7
9	9.8	9.3	9.6	12.7	11.8	12.1	16.2	15.7	15.9	25.6	24.1	24.7
10	10.1	9.4	9.7	13.5	12.1	12.7	15.7	14.8	15.1	27.0	24.7	25.5
11	9.5	8.6	9.0	13.7	12.1	12.8	15.2	14.5	14.7	26.8	25.5	26.0
12	9.6	8.5	9.0	14.2	12.6	13.3	16.2	14.6	15.3	25.9	24.2	24.8
13	9.6	8.5	8.9	14.2	13.6	13.8	17.4	15.2	16.1	24.3	22.8	23.6
14	9.0	8.5	8.8	14.2	13.7	14.0	18.3	16.1	17.1	24.1	22.8	23.4
15	10.1	8.8	9.1	13.7	12.6	13.0	19.4	16.9	17.9	23.7	22.7	23.0
16	10.1	9.1	9.7	13.5	12.5	12.8	19.9	17.8	18.8	24.1	22.9	23.3
17	9.2	8.0	8.5	13.4	12.9	13.2	20.1	18.1	19.0	23.9	23.4	23.6
18	8.1	7.8	8.0	14.5	13.3	13.7	19.6	18.7	19.0	23.5	22.9	23.2
19	8.9	7.7	8.1	14.4	13.9	14.2	19.3	18.4	18.7	23.3	22.1	22.6
20	9.1	8.4	8.7	15.0	14.3	14.6	19.6	18.0	18.6	23.1	21.6	22.2
21	9.5	8.8	9.1	15.8	14.8	15.1	20.1	18.6	19.3	23.6	22.3	22.9
22	10.7	9.4	9.9	17.0	15.2	15.9	20.8	19.5	20.1	23.4	22.8	23.1
23	11.4	10.4	10.7	16.8	15.8	16.2	20.5	18.6	19.4	23.0	22.4	22.7
24	12.2	10.6	11.2	17.1	15.8	16.4	20.2	18.3	19.1	24.3	22.2	23.0
25	12.6	11.3	11.8	18.2	16.0	16.8	19.8	19.0	19.2	24.4	22.8	23.6
26	11.9	10.6	11.1	18.6	16.8	17.5	20.7	18.9	19.5	24.2	23.4	23.8
27	10.6	9.6	10.1	18.4	17.5	17.9	20.8	19.6	20.2	24.2	23.5	23.8
28	10.3	9.4	9.7	18.2	17.0	17.6	21.6	19.6	20.4	24.8	23.1	23.8
29	---	---	---	19.5	17.6	18.3	22.8	20.4	21.3	24.6	23.0	23.8
30	---	---	---	19.4	16.4	18.0	23.2	21.2	22.0	24.8	23.0	23.8
31	---	---	---	16.4	15.3	15.9	---	---	---	24.9	23.3	24.1
MONTH	12.6	6.5	9.2	19.5	9.9	14.0	23.2	14.5	18.1	27.0	21.3	23.4

SANTEE RIVER BASIN

02171639 REDIVERSION CANAL AT ST. STEPHENS, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	24.8	23.5	24.2	---	---	---	30.0	29.5	29.7	30.7	30.0	30.4
2	25.0	23.5	24.2	---	---	---	29.9	29.4	29.6	30.4	30.0	30.2
3	24.7	23.5	24.0	---	---	---	30.0	29.5	29.8	30.5	30.1	30.2
4	24.6	23.6	24.0	29.3	27.3	28.1	30.3	29.3	29.7	30.3	29.9	30.1
5	25.7	24.1	24.7	28.9	27.3	28.0	30.3	28.4	29.1	30.0	29.2	29.7
6	25.6	24.5	25.0	29.3	27.9	28.5	29.6	28.1	28.8	29.2	26.9	28.4
7	25.4	24.6	25.0	29.4	28.3	28.8	29.5	28.4	28.9	26.9	25.8	26.6
8	25.8	24.8	25.2	30.2	28.2	29.0	29.6	28.2	28.9	25.8	24.8	25.5
9	26.9	25.2	25.9	30.4	29.2	29.8	30.0	28.4	29.1	25.2	24.7	24.9
10	27.9	25.7	26.6	30.2	29.1	29.6	29.7	28.5	29.1	25.1	24.6	24.9
11	28.7	26.9	27.6	30.0	28.7	29.3	29.9	28.5	29.1	24.6	24.1	24.4
12	28.3	27.3	27.8	30.0	28.6	29.3	29.7	28.4	29.0	24.3	23.6	23.9
13	28.2	27.0	27.5	29.7	28.4	29.0	29.8	28.5	29.1	25.1	23.5	24.0
14	28.8	26.8	27.6	29.6	28.3	28.9	30.0	28.6	29.2	25.9	24.9	25.3
15	29.5	27.5	28.3	29.8	28.6	29.1	30.8	29.2	29.8	26.5	25.6	25.9
16	29.3	27.8	28.5	30.2	28.6	29.3	30.6	29.2	29.6	26.8	26.1	26.3
17	28.1	27.3	27.7	30.6	29.0	29.7	29.2	28.4	28.8	26.4	24.9	25.8
18	28.0	27.2	27.6	30.4	29.0	29.3	29.3	28.5	28.8	24.9	23.5	24.5
19	28.5	27.2	27.8	29.0	28.1	28.6	29.6	28.1	28.7	24.1	23.3	23.6
20	28.4	27.5	27.9	29.8	27.7	28.6	29.8	28.5	29.1	25.5	24.0	24.6
21	27.9	26.9	27.4	30.2	28.6	29.4	30.7	28.9	29.6	26.3	25.2	25.6
22	27.7	26.4	27.1	29.7	28.4	28.9	30.2	29.0	29.6	26.3	26.0	26.1
23	28.2	26.7	27.3	28.6	27.3	27.7	30.1	28.9	29.4	26.4	25.9	26.1
24	28.2	26.9	27.5	27.9	26.8	27.3	29.8	28.8	29.1	26.6	25.7	26.0
25	28.9	27.1	27.9	27.9	27.4	27.6	30.0	28.3	28.9	26.4	25.7	26.0
26	29.5	27.5	28.3	28.2	27.0	27.5	30.4	28.8	29.4	26.4	25.9	26.1
27	---	---	---	29.3	27.4	28.2	30.7	29.2	29.9	26.4	25.5	26.0
28	---	---	---	29.0	27.9	28.4	30.9	29.3	30.0	26.0	25.5	25.7
29	---	---	---	29.8	28.0	28.8	30.9	29.4	30.1	25.8	24.4	25.4
30	---	---	---	30.6	29.3	29.8	31.2	29.6	30.4	24.5	23.0	24.0
31	---	---	---	30.3	29.6	30.0	31.5	29.9	30.6	---	---	---
MONTH	---	---	---	---	---	---	31.5	28.1	29.4	30.7	23.0	26.2

SANTEE RIVER BASIN

02171639 REDIVERSION CANAL AT ST. STEPHENS, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	8.4	6.6	7.3	8.7	7.7	8.0	10.1	7.4	8.8	11.3	10.4	10.9
2	8.7	6.9	7.6	8.6	7.8	8.1	10.1	7.1	8.3	11.2	10.7	10.9
3	8.2	5.1	7.0	8.9	8.0	8.3	10.3	8.3	9.3	11.0	10.0	10.7
4	8.3	5.1	6.7	8.7	6.8	7.7	11.3	8.2	9.3	11.0	9.9	10.6
5	8.2	7.0	7.4	7.6	6.5	7.1	10.8	7.7	9.1	11.1	10.4	10.8
6	7.9	5.9	6.9	9.1	6.2	7.5	11.4	8.0	9.9	11.3	10.8	11.0
7	8.4	5.8	7.0	8.9	6.6	7.6	11.8	7.8	10.1	11.3	10.5	11.0
8	8.7	5.9	6.8	9.5	7.1	8.2	11.4	8.7	10.7	11.5	10.5	11.2
9	7.1	5.3	6.1	7.7	7.0	7.3	11.2	9.5	10.8	---	---	---
10	6.2	5.1	5.6	7.2	6.6	6.9	11.3	9.1	10.8	---	---	---
11	6.4	5.1	5.6	7.3	6.4	6.8	11.5	9.2	10.9	---	---	---
12	5.6	4.8	5.2	7.5	6.3	7.0	11.4	10.7	11.1	---	---	---
13	5.2	4.1	4.8	9.8	7.4	8.3	11.2	10.2	10.9	---	---	---
14	5.8	4.4	5.4	8.4	7.2	7.7	11.3	10.1	11.0	---	---	---
15	6.4	5.7	6.0	7.9	7.5	7.7	11.5	10.7	11.2	---	---	---
16	6.7	5.8	6.2	7.9	7.4	7.6	11.8	11.0	11.4	---	---	---
17	6.4	5.9	6.1	7.8	7.2	7.6	11.7	11.2	11.4	---	---	---
18	---	---	---	8.7	7.4	8.1	11.6	11.2	11.4	---	---	---
19	---	---	---	10.0	7.6	8.6	11.5	10.9	11.2	---	---	---
20	---	---	---	9.9	8.4	9.0	11.3	10.7	11.0	---	---	---
21	---	---	---	9.4	8.9	9.1	11.6	10.3	11.1	---	---	---
22	---	---	---	9.7	8.8	9.1	11.8	11.2	11.4	---	---	---
23	7.8	6.7	7.0	9.5	8.9	9.2	12.0	10.8	11.5	---	---	---
24	8.3	6.8	7.4	9.9	9.2	9.5	11.8	10.6	11.3	---	---	---
25	7.6	7.0	7.3	9.9	8.5	9.4	11.2	10.6	11.0	---	---	---
26	7.8	7.0	7.3	9.8	9.1	9.4	11.5	10.8	11.2	---	---	---
27	7.6	6.8	7.2	9.8	9.0	9.5	11.6	10.5	11.1	---	---	---
28	7.7	6.9	7.2	9.9	7.9	9.4	11.7	10.9	11.3	---	---	---
29	8.2	6.9	7.5	9.8	7.6	8.7	11.8	11.2	11.4	---	---	---
30	8.3	7.1	7.5	10.4	8.1	9.0	11.7	11.0	11.4	---	---	---
31	8.0	7.3	7.6	---	---	---	11.5	9.8	11.2	---	---	---
MONTH	---	---	---	10.4	6.2	8.2	12.0	7.1	10.7	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	11.2	10.8	10.9	8.7	8.4	8.5	8.8	7.9	8.4
2	---	---	---	11.0	10.6	10.8	8.6	8.4	8.6	8.6	8.0	8.4
3	---	---	---	11.2	10.7	10.9	8.6	8.1	8.4	8.4	7.6	7.9
4	---	---	---	11.0	10.7	10.9	8.4	8.0	8.2	8.2	7.4	7.8
5	---	---	---	11.0	10.7	10.8	8.3	7.6	8.0	8.1	7.6	7.9
6	11.4	9.7	10.5	10.8	10.5	10.6	7.9	7.5	7.7	8.1	7.4	7.7
7	10.8	9.1	10.0	10.6	10.3	10.4	8.0	7.5	7.8	7.9	7.3	7.5
8	10.0	9.5	9.8	10.8	10.3	10.6	8.3	7.9	8.1	8.1	7.3	7.7
9	9.9	9.5	9.7	10.7	10.4	10.5	8.7	8.2	8.5	8.2	7.0	7.6
10	10.9	9.5	10.2	10.7	10.4	10.5	9.4	8.6	9.0	8.0	7.1	7.5
11	11.3	10.6	10.9	10.7	10.3	10.5	9.4	9.0	9.2	7.5	6.7	7.0
12	11.3	10.4	11.0	10.6	10.3	10.4	9.3	9.0	9.1	7.4	6.0	6.8
13	11.7	10.6	11.3	10.5	10.2	10.3	9.3	8.9	9.1	6.8	6.4	6.6
14	12.3	11.2	11.7	10.3	10.0	10.1	9.5	8.2	9.0	7.6	5.2	6.7
15	12.3	11.6	12.1	10.1	9.7	9.9	10.0	9.0	9.5	7.2	5.8	6.6
16	12.3	10.9	11.5	10.0	9.7	9.8	10.2	9.3	9.8	8.6	6.5	7.5
17	11.7	10.6	11.2	9.9	9.4	9.7	10.2	9.3	9.8	8.8	7.9	8.4
18	11.9	11.2	11.6	9.5	9.2	9.4	9.9	9.2	9.4	8.6	8.1	8.3
19	12.2	11.7	11.9	9.6	9.2	9.4	9.3	8.9	9.0	8.9	8.0	8.4
20	12.2	11.8	12.0	9.3	9.0	9.1	9.4	8.8	9.1	9.4	8.0	8.8
21	12.2	11.7	11.9	9.4	8.9	9.1	9.2	8.7	9.0	9.6	5.8	8.7
22	11.8	10.8	11.4	9.3	9.0	9.1	9.1	8.6	8.9	9.5	6.7	8.9
23	10.8	10.3	10.6	9.2	8.8	9.0	9.1	8.5	8.8	9.5	6.4	8.7
24	11.5	10.5	10.9	9.0	8.5	8.8	8.7	8.2	8.4	9.9	8.7	9.2
25	11.4	10.9	11.1	9.2	8.5	8.9	8.5	8.1	8.3	9.6	8.7	9.2
26	11.1	10.6	10.8	8.9	8.4	8.7	8.3	7.8	8.0	9.5	8.6	9.0
27	11.0	10.8	10.9	8.7	8.2	8.4	8.3	7.7	7.9	9.5	8.6	9.0
28	11.2	10.7	11.0	8.3	7.9	8.1	8.1	7.5	7.7	9.5	8.7	9.1
29	---	---	---	8.5	7.8	8.2	8.7	7.6	8.1	9.4	8.6	9.0
30	---	---	---	8.4	7.8	8.1	8.8	8.0	8.3	9.8	8.6	9.1
31	---	---	---	8.8	8.3	8.5	---	---	---	9.6	7.9	8.7
MONTH	---	---	---	11.2	7.8	9.7	10.2	7.5	8.6	9.9	5.2	8.1

SANTEE RIVER BASIN

02171639 REDIVERSION CANAL AT ST. STEPHENS, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

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

SANTEE RIVER BASIN

02171645 REDIVERSION CANAL AT SANTEE RIVER NEAR ST. STEPHENS, SC

LOCATION.--Lat 33°25'26'', long 79°51'40'', 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.

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

REMARKS.--Records fair. 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 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	141	54	6150	25700	95	23800	24000	23500	23800	20800	9700	13600
2	461	50	3910	26000	772	23800	23300	23000	23600	20900	7720	7840
3	446	35	4450	25700	745	23800	23100	23100	23300	21300	7700	5470
4	584	558	4120	25700	111	23800	22900	23100	23100	20600	8560	4760
5	140	37	6090	25900	1160	23600	22800	23300	22900	e22700	15500	4810
6	e0	143	6000	24400	231	23300	22500	23100	22900	e22700	20600	4600
7	257	669	6430	19500	680	22900	22600	23200	22700	e22700	21700	5170
8	112	747	6200	18700	87	23300	22000	23100	22400	e22700	22800	5210
9	10	79	7660	15300	68	23800	22200	23000	22200	e22700	23000	4230
10	18	50	9680	9960	3960	23700	22500	23000	22600	e22300	22900	5300
11	460	92	11800	10300	7770	23400	22800	23000	23100	e20600	22900	6170
12	94	68	13700	9660	7180	23800	23100	22700	22800	e22600	22500	6780
13	99	2290	15000	7420	7550	23600	24200	22600	22400	e22600	22400	6890
14	39	217	16700	5070	9790	23300	24600	22700	22500	e22600	22600	6880
15	54	101	16700	5570	12200	22500	25000	22700	22800	e22700	22700	6800
16	88	73	22100	4700	11500	23100	25000	22600	22800	e22700	22600	5080
17	70	35	22400	5090	13000	23200	24600	22300	22200	e9800	22800	4940
18	55	1850	22600	5100	12800	22900	24600	22300	22400	e22700	22600	5140
19	82	1670	18600	4740	16100	22900	24800	22100	22200	e22700	22600	4720
20	92	5440	18800	4850	17800	24200	24800	18800	22300	e22800	22700	4660
21	427	7920	19000	835	18500	23600	24500	16900	21900	e22800	22500	4700
22	76	7780	18800	102	19500	23700	24200	16400	22000	e19300	23000	e5500
23	18	7990	20100	5810	21500	24100	24100	17500	22000	e16400	22600	e3580
24	9	8240	18500	2880	21900	24700	24300	22700	22800	e22700	21700	2850
25	e0	8280	20900	125	22600	24300	24300	22900	22600	e22800	21700	3150
26	116	6140	22700	34	23600	24100	24300	22700	22700	e21900	22100	3110
27	48	6070	25200	101	23600	24100	24500	22800	22700	19900	22400	3430
28	66	6560	25400	56	23900	24000	24400	23000	22600	18000	22200	3910
29	502	7820	25600	66	---	24600	24100	23500	22600	12700	22000	3020
30	66	6000	25900	542	---	25100	23800	23700	21600	10400	15300	2950
31	53	---	25800	1230	---	24200	---	24200	---	10000	15300	---
TOTAL	4683	87058	486990	291141	298699	735200	713900	689500	678500	628100	617380	155250
MEAN	151	2902	15710	9392	10670	23720	23800	22240	22620	20260	19920	5175
MAX	584	8280	25900	26000	23900	25100	25000	24200	23800	22800	23000	13600
MIN	0	35	3910	34	68	22500	22000	16400	21600	9800	7700	2850

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1987 - 2003, BY WATER YEAR (WY)

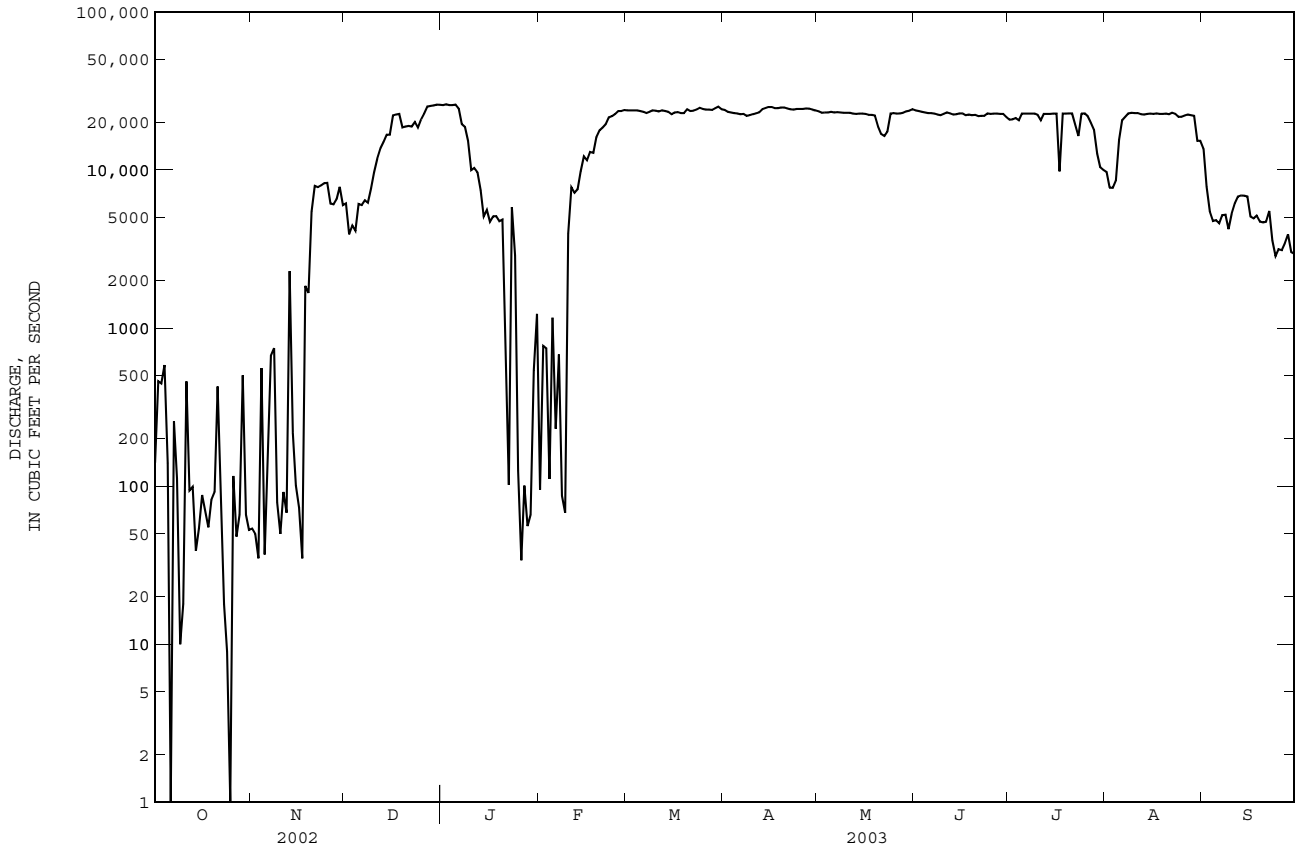
	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
MEAN	5438	6337	10940	12710	13050	15330	12470	8017	5127	4205	5768	4480					
MAX	16820	21590	24130	22410	23980	23900	24150	23930	22620	20260	23380	13080					
(WY)	1996	1996	1993	1998	1998	1987	1998	1991	2003	2003	1991	1995					
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					

02171645 REDIVERSION CANAL AT SANTEE RIVER NEAR ST. STEPHENS, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1987 - 2003	
ANNUAL TOTAL	634712		5386401		8639	
ANNUAL MEAN	1739		14760		14760	
HIGHEST ANNUAL MEAN					2003	
LOWEST ANNUAL MEAN					185	
HIGHEST DAILY MEAN	25900	Dec 30	26000	Jan 2	31200	Nov 17 1989
LOWEST DAILY MEAN	0	a Feb 5	0	a Oct 6	-155	Jun 25 1993
ANNUAL SEVEN-DAY MINIMUM	0.57	Sep 19	48	Oct 22	0.00	Oct 1 1986
MAXIMUM PEAK FLOW			28500	Dec 30	31200	Nov 17 1988
MAXIMUM PEAK STAGE			b 30.59	Mar 27	b 30.59	Mar 27 2003
10 PERCENT EXCEEDS	6030		24100		22700	
50 PERCENT EXCEEDS	88		20900		5950	
90 PERCENT EXCEEDS	14		100		0.00	

a Also occurred many days, several months.
 b Caused by backwater from Santee River.

e Estimated



SANTEE RIVER BASIN

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 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1320	1140	5440	24600	1340	23100	58000	37700	55800	23800	18300	20900
2	1380	1180	5650	25300	1070	24100	48500	29600	54200	23400	17300	19300
3	1410	1110	4060	24700	1570	24200	41600	26100	50100	23300	15900	16100
4	1400	1260	3760	24200	1250	25100	34700	24100	43300	25600	14800	12500
5	1240	1190	4180	24300	1280	24900	29300	24000	33900	29100	15900	8610
6	1120	1230	5380	23500	1160	25700	27100	22600	27500	29800	17200	6920
7	1330	1380	4880	22900	1150	24900	25100	22300	25500	30800	20500	6450
8	1360	1700	5630	21700	972	25000	24500	22500	24800	31400	23200	6660
9	1470	1250	6000	20200	853	26400	25100	22500	24700	31400	25600	6910
10	1380	1020	6870	17700	1350	29500	28000	21900	24300	31700	27100	5760
11	1000	941	8790	15300	4730	31500	29900	22100	24000	31800	27800	6250
12	2570	978	10100	12800	5030	35200	31100	21700	25400	31100	28100	6820
13	2520	1440	11100	11500	6560	36700	36100	23500	27800	30900	28700	8240
14	2460	2260	12200	9420	6500	38200	45700	22900	30300	30900	28600	8020
15	2410	1540	13000	7260	8050	36800	56700	22100	31200	30700	28500	7870
16	2350	1410	14200	6180	9220	38300	63800	22100	30800	31200	27900	7270
17	1980	1310	16300	3350	9650	39600	70100	21600	30800	31400	27600	6170
18	1790	1820	18700	5190	10200	39700	73300	21000	28200	30900	28200	5540
19	1670	2310	20500	4320	11100	39800	70700	22100	27900	31200	28500	5230
20	1460	2590	20100	4340	12100	39600	63900	21500	26500	31100	28800	5370
21	1350	4570	19700	3320	13400	40700	58200	20400	26800	30700	28800	4520
22	1530	6470	19800	2070	15700	40100	50900	18600	26200	31100	28200	5360
23	1330	7280	19200	1950	18300	42100	45300	17800	25300	28500	28400	5380
24	1280	7630	19500	4470	20200	52700	50000	18000	24900	25700	28500	4100
25	1230	8360	19800	2240	21600	68700	51500	18800	24900	26700	28000	3670
26	1180	7500	20500	1200	21400	80500	54900	20400	24400	27700	27600	3720
27	1070	6310	21100	894	22100	87600	55200	22300	23800	28600	27500	3880
28	1140	5530	21300	938	22200	90600	55700	26100	24000	28400	27500	4110
29	1240	6750	22000	952	---	83500	51700	29900	24200	26100	27700	4220
30	1170	6050	23100	992	---	68700	45900	40900	23600	22700	26300	3520
31	1090	---	24000	1780	---	63900	---	54500	---	19600	23200	---
TOTAL	47230	95509	426840	329566	250035	1347400	1402500	761600	895100	887300	780200	219370
MEAN	1524	3184	13770	10630	8930	43460	46750	24570	29840	28620	25170	7312
MAX	2570	8360	24000	25300	22200	90600	73300	54500	55800	31800	28800	20900
MIN	1000	941	3760	894	853	23100	24500	17800	23600	19600	14800	3520

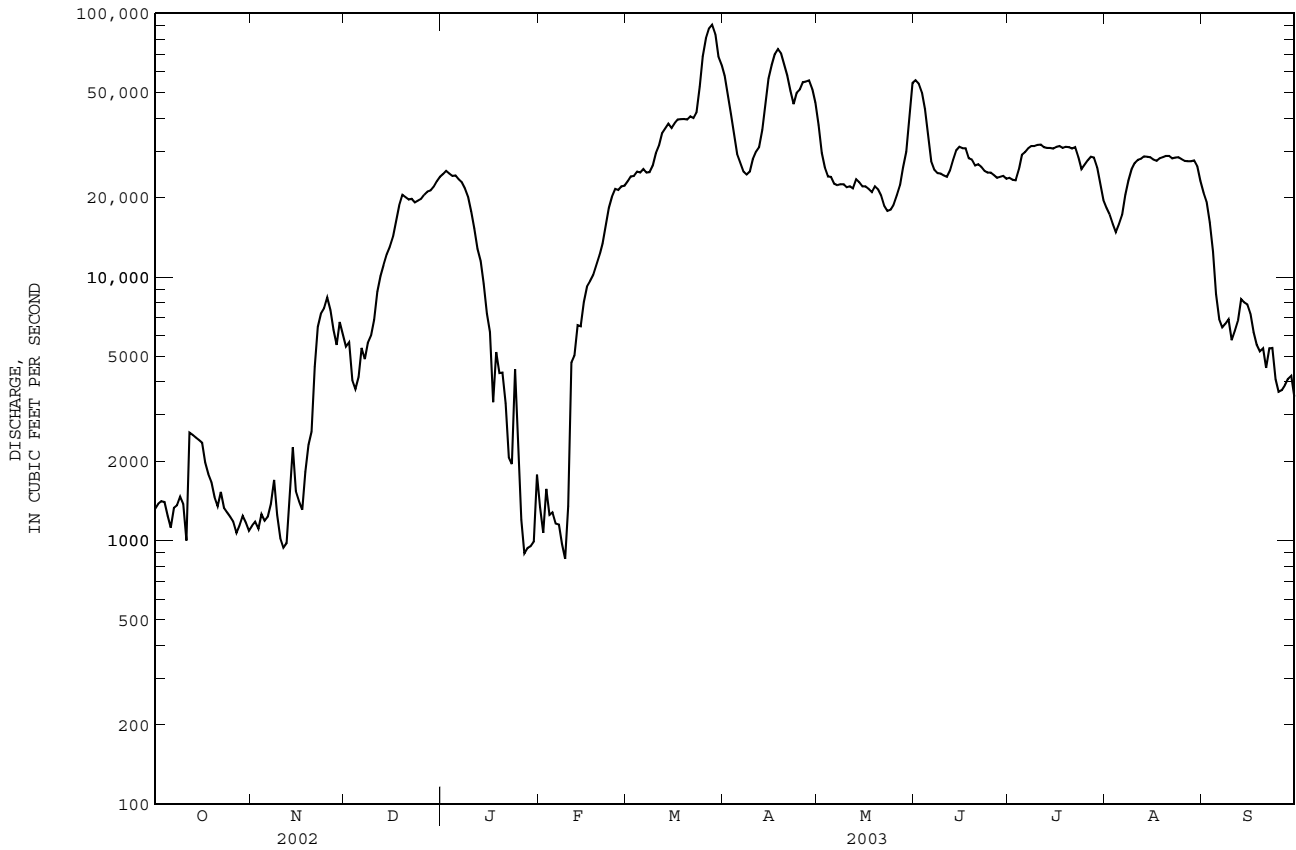
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1987 - 2003, BY WATER YEAR (WY)

	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
MEAN	8258	7674	12520	14210	15400	21300	15780	9675	6422	5568	7387	5914					
MAX	34380	22410	27870	26400	50000	43460	46750	26770	29840	28620	25170	16260					
(WY)	1991	1996	1993	1998	1998	2003	2003	1991	2003	2003	2003	1995					
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 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1987 - 2003	
ANNUAL TOTAL	854253		7442650		10860	
ANNUAL MEAN	2340		20390		20390	
HIGHEST ANNUAL MEAN					2003	
LOWEST ANNUAL MEAN					1058	
HIGHEST DAILY MEAN	24000	Dec 31	90600	Mar 28	90600	Mar 28 2003
LOWEST DAILY MEAN	656	Jan 7	853	Feb 9	460	Nov 13 1986
ANNUAL SEVEN-DAY MINIMUM	755	Jan 19	1140	Jan 27	515	Sep 22 1989
MAXIMUM PEAK FLOW			102000		102000	
MAXIMUM PEAK STAGE			22.84		22.84	
10 PERCENT EXCEEDS	5080		40300		25200	
50 PERCENT EXCEEDS	1070		21500		7060	
90 PERCENT EXCEEDS	816		1330		918	



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, 11.85 ft, Mar. 29; minimum gage height, 1.26 ft, Feb. 5.

Gage height, feet WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	7.01	3.47	5.33	7.02	3.07	5.19	6.51	1.70	4.31	8.01	5.32	6.58
2	6.83	2.92	5.06	6.95	2.88	5.13	7.07	2.12	4.76	7.53	5.32	6.39
3	6.78	2.45	4.76	6.98	2.63	4.96	6.81	2.09	4.60	7.84	5.46	6.56
4	7.01	2.42	4.82	7.10	2.39	4.90	7.54	2.64	5.24	7.65	5.37	6.53
5	6.94	2.46	4.89	7.46	2.48	5.25	7.31	2.90	5.04	7.80	5.66	6.68
6	7.05	2.42	4.96	7.02	1.95	4.52	7.11	2.31	4.73	7.38	5.56	6.33
7	7.28	2.77	5.24	7.07	1.91	4.57	6.91	2.59	4.62	7.10	5.27	6.06
8	7.49	2.87	5.47	7.03	2.64	4.88	6.70	2.48	4.38	6.66	5.20	5.87
9	7.58	3.57	5.73	6.79	2.55	4.60	6.80	2.65	4.68	6.51	5.05	5.74
10	7.54	3.37	5.68	6.52	2.60	4.43	7.09	3.62	5.42	6.30	4.59	5.48
11	7.74	3.97	5.89	5.94	2.43	4.14	6.79	3.03	5.08	6.28	4.39	5.43
12	7.05	3.26	5.21	6.13	2.58	4.23	5.76	2.96	4.34	6.21	3.93	5.18
13	7.16	3.45	5.44	6.23	2.76	4.31	6.49	3.34	5.14	6.56	3.37	4.97
14	7.43	3.93	5.96	6.73	3.26	5.08	5.90	2.70	4.16	6.29	3.22	4.74
15	7.99	5.27	6.78	6.74	3.38	5.30	6.31	2.61	4.60	5.87	2.88	4.39
16	7.45	4.15	6.08	6.72	3.35	5.19	6.19	3.06	4.53	6.62	2.59	4.71
17	7.09	3.72	5.55	6.70	2.71	4.64	6.73	3.04	5.20	6.18	2.24	4.11
18	6.91	3.60	5.40	6.14	1.82	4.18	7.18	3.83	5.64	6.92	2.07	4.69
19	6.77	3.25	5.18	6.71	2.60	4.73	7.28	4.20	5.77	6.09	1.98	3.86
20	6.72	3.08	5.00	6.75	2.56	4.76	7.03	4.06	5.33	5.77	1.55	3.44
21	6.60	2.81	4.76	7.08	2.94	5.03	6.40	3.42	4.79	5.99	1.52	3.56
22	6.81	2.96	5.00	6.83	2.66	4.49	6.46	3.55	4.79	6.55	2.01	4.24
23	6.95	3.06	5.02	6.44	2.24	4.20	6.59	3.52	4.93	6.28	1.86	4.00
24	7.05	3.15	5.18	6.53	2.51	4.31	7.17	3.90	5.64	5.67	1.67	3.58
25	6.97	3.11	5.15	6.45	2.50	4.31	6.77	3.95	5.24	6.16	1.76	3.85
26	6.63	3.05	4.77	6.54	2.61	4.37	6.74	4.07	5.25	6.18	1.32	3.74
27	6.61	2.80	4.69	6.31	2.59	4.32	6.98	4.72	5.86	5.53	1.58	3.41
28	6.70	3.07	4.79	6.66	2.73	4.71	6.89	4.63	5.79	6.28	1.65	3.96
29	6.70	2.93	4.79	6.61	2.36	4.79	6.91	4.64	5.72	6.14	1.66	3.74
30	6.67	2.93	4.91	6.10	2.10	4.04	7.41	4.71	6.16	6.26	1.40	3.93
31	6.92	3.03	5.08	---	---	---	7.49	5.04	6.35	6.42	1.67	4.07
MONTH	7.99	2.42	5.24	7.46	1.82	4.65	7.54	1.70	5.10	8.01	1.32	4.83

SANTEE RIVER BASIN

02171800 NORTH SANTEE RIVER NEAR NORTH SANTEE, SC--Continued

Gage height, feet
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	6.63	1.83	4.13	7.37	4.87	6.33	11.42	11.06	11.23	8.91	8.23	8.61
2	6.41	1.63	3.98	---	---	---	11.06	10.73	10.90	8.59	7.66	8.13
3	6.12	1.61	3.77	---	---	---	10.74	10.19	10.47	8.19	7.05	7.65
4	5.74	1.39	3.40	---	---	---	10.28	9.44	9.81	8.16	6.89	7.51
5	5.26	1.26	3.22	---	---	---	9.79	8.78	9.23	8.14	6.57	7.32
6	5.61	1.89	3.65	6.71	5.28	6.02	9.56	8.46	8.90	7.74	6.06	6.74
7	5.66	1.56	3.46	7.15	5.35	6.16	9.56	8.09	8.73	7.17	5.74	6.35
8	4.93	1.78	3.42	7.12	5.58	6.28	8.98	7.95	8.38	7.11	5.52	6.21
9	5.35	2.15	3.61	7.13	5.71	6.37	9.28	8.11	8.62	6.86	5.47	6.11
10	5.47	1.71	3.56	7.09	5.91	6.47	9.50	8.15	8.79	6.85	5.38	6.10
11	5.19	2.26	3.72	7.34	5.99	6.66	9.32	8.36	8.84	6.91	5.28	6.11
12	5.40	1.76	3.38	7.12	6.16	6.61	9.37	8.41	8.90	6.78	5.06	5.97
13	5.93	1.69	3.81	7.33	6.38	6.82	9.48	8.43	9.04	7.43	5.08	6.17
14	5.81	1.94	3.80	7.84	6.41	7.28	9.81	8.63	9.29	7.86	5.29	6.43
15	6.30	2.08	4.10	8.32	7.05	7.78	10.29	9.03	9.67	7.88	5.51	6.60
16	7.07	2.41	4.99	8.50	7.25	7.87	10.94	9.83	10.35	8.03	5.58	6.67
17	7.22	2.98	5.11	8.59	7.24	7.97	11.15	10.73	10.90	8.38	5.82	6.89
18	6.99	2.78	4.88	8.86	7.54	8.25	11.11	10.64	10.83	8.34	6.11	7.18
19	7.12	2.99	5.12	9.02	7.77	8.37	10.82	10.30	10.46	8.33	6.03	7.07
20	7.09	3.35	5.20	9.35	7.94	8.70	10.54	10.20	10.36	8.04	5.94	6.90
21	7.09	3.79	5.48	9.56	8.54	8.94	10.42	9.93	10.15	7.59	5.52	6.46
22	7.19	3.93	5.56	9.56	8.37	8.90	10.11	9.45	9.78	7.24	5.49	6.27
23	7.00	3.11	4.61	9.19	8.20	8.66	9.61	9.02	9.34	7.19	5.32	6.27
24	6.47	3.57	4.88	9.17	8.31	8.68	9.26	8.65	8.97	6.95	5.21	6.11
25	6.33	3.81	5.08	9.38	8.83	9.15	9.16	8.66	8.97	6.97	5.07	6.10
26	7.00	4.33	5.73	10.33	9.23	9.97	9.19	8.87	9.04	6.92	4.92	5.97
27	7.38	4.50	6.02	11.23	10.33	10.89	9.37	8.94	9.16	6.96	5.03	5.98
28	6.93	4.66	5.85	11.70	11.22	11.50	9.42	9.10	9.26	7.36	5.32	6.32
29	---	---	---	11.85	11.68	11.79	9.31	9.01	9.20	7.30	5.74	6.42
30	---	---	---	---	---	---	9.15	8.69	8.96	7.67	6.03	6.75
31	---	---	---	11.69	11.42	11.55	---	---	---	8.00	6.67	7.27
MONTH	7.38	1.26	4.41	---	---	---	11.42	7.95	9.55	8.91	4.92	6.67

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	8.58	7.36	7.88	7.45	5.34	6.26	6.95	4.35	5.64	7.12	4.82	5.93
2	9.02	8.20	8.51	7.22	5.43	6.37	6.84	4.08	5.46	7.07	4.47	5.69
3	9.01	8.44	8.72	7.03	5.14	5.99	6.77	3.83	5.25	7.05	4.02	5.45
4	8.97	8.14	8.52	6.91	5.07	5.86	6.64	3.39	4.95	7.10	3.63	5.32
5	8.60	7.55	8.02	6.91	5.02	5.84	6.74	3.03	4.83	7.26	3.19	5.23
6	8.11	7.15	7.64	6.72	4.92	5.79	6.93	3.04	4.94	7.58	3.82	5.96
7	8.02	6.62	7.32	6.73	4.82	5.79	7.08	3.20	5.12	7.50	3.76	5.86
8	7.50	6.32	6.90	6.91	4.84	5.83	7.25	3.64	5.37	7.61	3.79	5.93
9	7.45	6.15	6.82	7.25	4.96	6.06	7.25	3.93	5.52	7.58	3.86	5.98
10	7.69	6.09	6.90	7.37	5.08	6.19	7.26	4.20	5.58	7.44	3.79	5.91
11	7.81	5.95	6.88	7.48	5.11	6.19	7.26	4.59	5.80	7.54	4.14	6.08
12	7.92	5.83	6.84	7.54	5.03	6.15	7.31	4.98	6.05	7.45	4.03	6.05
13	7.90	5.90	6.82	7.56	5.12	6.22	7.36	5.22	6.22	6.99	3.46	5.38
14	8.04	6.05	6.90	7.38	5.06	6.18	7.17	5.39	6.32	7.11	3.51	5.40
15	7.99	6.28	7.03	7.40	5.20	6.23	7.00	5.33	6.19	6.94	3.53	5.29
16	8.16	6.52	7.16	7.23	5.24	6.20	6.92	5.24	6.06	6.92	3.41	5.33
17	8.16	6.85	7.46	7.12	5.18	6.05	6.74	5.15	5.90	7.12	3.99	5.58
18	8.15	6.99	7.51	6.97	5.27	6.07	6.71	4.97	5.87	6.42	3.33	4.81
19	8.12	6.86	7.42	6.84	5.34	6.09	6.85	5.22	6.03	6.24	2.97	4.52
20	7.70	6.73	7.23	6.75	5.38	6.11	6.88	5.31	6.11	6.62	3.04	4.77
21	7.81	6.74	7.30	6.93	5.45	6.19	6.85	5.32	6.08	6.99	3.36	5.19
22	7.64	6.58	7.15	6.68	5.34	6.01	6.77	5.21	5.95	7.21	3.57	5.54
23	7.45	6.33	6.93	6.56	5.13	5.83	6.74	5.01	5.81	7.16	2.91	5.30
24	7.34	6.04	6.71	6.74	5.32	5.95	7.23	5.08	6.03	7.47	3.38	5.65
25	7.25	5.87	6.59	6.80	5.26	6.01	7.43	5.33	6.35	7.51	3.57	5.86
26	7.32	5.77	6.50	7.07	5.49	6.19	7.36	5.26	6.32	---	---	---
27	7.27	5.60	6.39	7.21	5.54	6.27	7.36	5.18	6.26	---	---	---
28	7.37	5.53	6.38	---	---	---	7.31	5.16	6.22	7.66	3.67	5.83
29	7.28	5.54	6.35	---	---	---	7.42	5.27	6.30	7.57	3.32	5.60
30	7.32	5.36	6.27	7.20	5.19	6.15	7.31	5.39	6.37	7.42	3.22	5.51
31	---	---	---	7.03	4.73	5.90	7.16	5.19	6.16	---	---	---
MONTH	9.02	5.36	7.17	---	---	---	7.43	3.03	5.84	---	---	---

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.

GAGE.--Data collection platform. Datum of gage is 8.67 ft below NGVD of 1929 (National Oceanic Survey benchmark).

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, 14.65 ft, Mar. 29; minimum gage height, 5.40 ft, Jan. 20, 21.

Gage height, feet												
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	11.19	7.29	9.31	11.45	7.00	9.43	10.73	5.51	8.32	11.88	7.33	9.50
2	11.13	6.73	9.09	11.39	6.81	9.36	11.31	5.92	8.78	11.35	7.09	9.19
3	11.12	6.31	8.85	11.45	6.58	9.19	11.13	5.94	8.70	11.68	7.30	9.39
4	11.36	6.25	8.93	11.54	6.35	9.13	11.83	6.47	9.36	11.46	7.07	9.33
5	11.28	6.21	8.97	11.90	6.39	9.50	11.60	6.72	9.13	11.62	7.60	9.57
6	11.38	6.21	9.06	11.50	5.89	8.70	11.42	6.16	8.80	11.11	7.39	8.96
7	11.58	6.56	9.34	11.55	5.94	8.80	11.21	6.43	8.69	10.75	7.08	8.65
8	11.80	6.64	9.57	11.45	6.61	9.06	10.97	6.39	8.46	10.03	6.99	8.45
9	11.85	7.33	9.80	11.23	6.58	8.80	11.06	6.54	8.76	10.02	7.04	8.48
10	11.83	7.13	9.75	10.96	6.66	8.63	11.36	7.48	9.52	9.86	7.00	8.39
11	12.01	7.87	9.93	10.41	6.52	8.35	11.07	6.79	9.10	10.04	7.18	8.66
12	11.19	6.96	9.13	10.58	6.65	8.46	10.03	6.70	8.36	10.04	7.03	8.62
13	11.32	7.24	9.42	10.55	6.73	8.47	10.76	7.05	9.15	10.66	6.63	8.61
14	11.58	7.73	9.98	11.01	7.27	9.21	10.26	6.25	8.07	10.47	6.63	8.54
15	12.15	9.06	10.82	11.05	7.32	9.47	10.50	6.19	8.53	10.03	6.49	8.28
16	11.62	7.86	10.12	11.06	7.27	9.38	10.44	6.60	8.40	10.77	6.26	8.65
17	11.35	7.62	9.66	11.13	6.58	8.79	10.95	6.50	9.03	10.42	6.05	8.10
18	11.19	7.43	9.51	10.52	5.80	8.33	11.40	7.17	9.44	11.10	5.94	8.68
19	11.09	7.14	9.32	11.03	6.47	8.83	11.53	7.43	9.52	10.34	5.78	7.83
20	11.06	7.02	9.17	11.11	6.42	8.86	11.30	6.90	8.86	10.04	5.40	7.44
21	10.97	6.76	8.93	11.32	6.75	9.06	10.58	6.30	8.24	10.41	5.40	7.66
22	11.14	6.84	9.17	11.02	6.36	8.45	10.72	6.46	8.25	11.00	6.00	8.45
23	11.40	7.04	9.26	10.62	6.01	8.17	10.85	6.45	8.44	10.76	5.89	8.18
24	11.49	7.17	9.42	10.72	6.28	8.29	11.43	6.87	9.24	9.97	5.54	7.64
25	11.37	7.15	9.38	10.65	6.24	8.26	11.00	6.49	8.41	10.45	5.87	8.02
26	11.03	7.14	8.99	10.72	6.37	8.33	10.74	6.68	8.45	10.69	5.49	8.00
27	11.02	6.92	8.94	10.53	6.40	8.30	10.94	7.25	9.09	10.13	5.72	7.70
28	11.10	7.14	9.02	10.88	6.51	8.71	10.80	6.97	8.90	10.83	5.96	8.27
29	11.11	6.97	9.02	10.84	6.12	8.79	10.87	6.92	8.74	10.74	5.84	8.05
30	11.08	6.91	9.10	10.31	5.84	8.07	11.35	6.89	9.20	10.84	5.57	8.25
31	11.34	6.99	9.31	---	---	---	11.41	7.04	9.33	10.88	5.75	8.31
MONTH	12.15	6.21	9.36	11.90	5.80	8.77	11.83	5.51	8.82	11.88	5.40	8.45

SANTEE RIVER BASIN

02171850 SOUTH SANTEE RIVER NEAR MCCLELLANVILLE, SC--Continued

Gage height, feet
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	11.09	5.91	8.41	---	---	---	13.94	13.39	13.62	12.19	11.33	11.84
2	---	---	---	---	---	---	13.39	12.68	12.97	11.90	10.60	11.33
3	---	---	---	---	---	---	12.73	11.88	12.26	11.57	9.73	10.73
4	---	---	---	---	---	---	12.06	11.02	11.52	11.99	9.57	10.70
5	---	---	---	---	---	---	11.60	10.07	10.79	11.83	9.16	10.54
6	---	---	---	---	---	---	11.72	9.53	10.39	11.38	8.33	9.68
7	10.05	5.72	7.66	10.83	7.30	8.93	11.66	9.11	10.29	10.78	7.93	9.14
8	9.35	5.92	7.66	10.80	7.65	9.12	11.32	8.86	9.81	10.79	7.71	9.02
9	9.70	6.34	7.87	10.79	7.86	9.25	11.59	9.20	10.25	10.48	7.67	8.96
10	9.81	5.85	7.78	10.74	8.02	9.31	11.84	9.11	10.45	10.50	7.60	9.01
11	9.40	6.23	7.85	10.87	7.76	9.34	11.52	9.34	10.41	10.75	7.46	9.10
12	9.62	5.72	7.49	10.30	7.82	9.02	11.43	9.33	10.39	10.61	7.14	8.92
13	10.17	5.68	7.83	10.58	7.91	9.18	11.50	9.32	10.53	11.48	7.21	9.29
14	10.04	5.73	7.80	10.77	7.99	9.63	11.74	9.54	10.79	11.86	7.47	9.61
15	10.51	5.85	8.07	11.59	8.66	10.30	12.22	10.12	11.22	11.89	7.75	9.81
16	11.23	6.01	8.90	11.80	8.91	10.35	12.98	11.26	12.05	12.00	7.86	9.87
17	11.44	6.42	8.95	11.78	8.95	10.52	13.79	12.38	12.90	12.33	8.16	10.14
18	11.14	6.20	8.68	12.28	9.55	11.03	14.27	13.26	13.65	12.30	8.68	10.60
19	11.26	6.39	8.90	12.53	10.08	11.28	14.33	13.70	13.95	12.24	8.55	10.43
20	11.23	6.67	8.95	12.72	10.51	11.70	14.38	13.68	13.97	12.02	8.41	10.20
21	11.27	7.06	9.25	12.57	10.62	11.51	14.19	13.30	13.71	11.56	7.85	9.57
22	11.37	7.19	9.31	12.10	10.12	11.03	13.78	12.74	13.23	11.19	7.92	9.44
23	11.21	6.21	8.10	11.63	9.81	10.66	13.04	12.19	12.66	11.13	7.88	9.46
24	10.59	6.56	8.39	11.67	9.85	10.63	12.62	11.79	12.19	10.93	7.87	9.46
25	10.46	6.69	8.54	11.81	10.54	11.11	12.52	11.80	12.23	11.05	7.81	9.56
26	11.12	7.25	9.21	12.37	11.06	11.96	12.53	12.03	12.29	10.97	7.53	9.33
27	11.47	7.22	9.40	13.69	12.37	13.20	12.79	12.11	12.43	10.93	7.46	9.21
28	---	---	---	14.44	13.63	14.16	12.82	12.28	12.55	11.31	7.66	9.48
29	---	---	---	14.65	14.32	14.50	12.68	12.20	12.47	11.06	7.66	9.25
30	---	---	---	14.64	14.33	14.49	12.45	11.82	12.20	11.23	7.89	9.39
31	---	---	---	14.36	13.89	14.12	---	---	---	11.07	8.48	9.67
MONTH	---	---	---	---	---	---	14.38	8.86	11.94	12.33	7.14	9.77

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	11.55	9.53	10.34	11.35	7.27	9.10	11.01	6.95	8.87	11.13	6.87	8.93
2	12.05	10.74	11.23	10.88	7.45	9.26	10.84	6.91	8.84	11.12	6.78	8.84
3	12.03	11.13	11.55	10.67	7.12	8.74	10.77	6.72	8.73	11.13	6.64	8.77
4	12.00	10.83	11.35	10.71	7.08	8.68	10.73	6.51	8.49	11.18	6.66	8.88
5	11.60	10.12	10.80	10.64	7.09	8.66	10.78	6.26	8.41	11.43	6.58	9.02
6	11.17	9.60	10.39	10.52	6.94	8.60	10.96	6.24	8.51	11.79	7.41	9.87
7	11.38	8.87	10.04	10.51	6.83	8.56	11.13	6.30	8.66	11.72	7.31	9.78
8	10.81	8.37	9.52	10.68	6.76	8.59	11.33	6.54	8.87	11.83	7.32	9.87
9	10.95	8.08	9.46	11.21	6.82	8.91	11.31	6.56	8.87	11.81	7.47	9.94
10	11.37	8.03	9.72	11.29	6.89	9.03	11.32	6.55	8.73	11.68	7.42	9.88
11	11.64	7.88	9.78	11.41	6.89	9.02	11.26	6.68	8.82	11.76	7.77	10.06
12	11.74	7.76	9.75	11.51	6.81	8.96	11.28	6.92	8.99	11.62	7.65	9.99
13	11.71	7.75	9.67	11.48	7.00	9.10	11.29	7.12	9.11	11.17	7.14	9.32
14	11.76	7.84	9.66	11.37	6.95	9.05	11.01	7.28	9.17	11.25	7.08	9.34
15	11.66	8.05	9.69	11.35	7.11	9.14	10.74	7.21	8.97	11.11	7.16	9.25
16	11.72	8.29	9.73	11.10	7.16	9.06	10.64	7.08	8.80	11.11	7.11	9.30
17	11.67	8.86	10.13	10.79	7.10	8.80	10.28	6.96	8.61	11.29	7.76	9.59
18	11.57	9.10	10.20	10.66	7.14	8.83	10.45	6.82	8.60	10.57	7.32	8.84
19	11.61	9.00	10.10	10.41	7.20	8.76	10.58	7.20	8.83	10.42	6.83	8.57
20	10.92	8.85	9.86	10.22	7.26	8.79	10.61	7.31	8.93	10.80	6.82	8.83
21	11.22	8.95	10.12	10.52	7.39	8.90	10.49	7.29	8.85	11.21	7.29	9.24
22	11.09	8.72	9.94	10.14	7.17	8.63	10.49	7.13	8.67	11.44	7.43	9.59
23	10.95	8.37	9.68	10.03	6.95	8.40	10.40	6.84	8.50	11.39	6.61	9.31
24	10.84	7.97	9.41	10.31	7.06	8.44	11.08	6.96	8.87	11.79	7.13	9.71
25	10.80	7.75	9.29	10.29	7.26	8.65	11.35	7.19	9.27	11.83	7.33	9.93
26	10.93	7.62	9.20	10.75	7.50	8.91	11.30	7.07	9.19	11.74	7.36	9.91
27	11.01	7.44	9.10	10.92	7.52	8.98	11.32	6.96	9.12	11.92	7.46	10.00
28	11.14	7.41	9.14	10.83	7.33	8.84	11.27	6.95	9.07	11.93	7.38	9.86
29	11.11	7.55	9.13	11.16	7.27	8.89	11.37	7.12	9.20	11.80	6.97	9.62
30	11.20	7.31	9.05	11.14	7.17	8.95	11.24	7.31	9.30	11.69	6.94	9.55
31	---	---	---	11.04	7.02	8.88	11.10	7.10	9.06	---	---	---
MONTH	12.05	7.31	9.90	11.51	6.76	8.84	11.37	6.24	8.87	11.93	6.58	9.45

SANTEE RIVER BASIN

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.

PERIOD OF RECORD.--March 1987 to current year.

GAGE.--Water-stage recorder. Datum of gage is 19.55 ft below NGVD of 1929 (National Ocean Survey benchmark). 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, 25.61 ft, Apr. 17; minimum gage height, 17.94 ft, Jan. 21.

Gage height, feet												
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	24.02	20.13	22.10	24.08	19.61	22.02	23.37	18.09	20.95	24.66	19.58	21.91
2	23.95	19.57	21.87	24.03	19.50	21.96	24.02	18.52	21.39	24.03	19.26	21.60
3	23.95	19.15	21.65	24.12	19.22	21.79	23.83	18.53	21.33	24.41	19.53	21.81
4	24.21	19.06	21.73	24.24	18.99	21.74	24.65	19.09	21.99	24.18	19.24	21.76
5	24.16	19.11	21.78	24.63	19.02	22.09	24.40	19.32	21.73	24.33	19.85	21.99
6	24.25	19.09	21.87	24.24	18.49	21.29	24.16	18.84	21.42	23.77	19.60	21.38
7	24.51	19.44	22.14	24.23	18.59	21.43	23.91	19.06	21.30	23.43	19.30	21.10
8	24.69	19.50	22.36	24.08	19.27	21.66	23.63	19.01	21.07	22.58	19.23	20.91
9	24.77	20.18	22.57	23.86	19.25	21.41	23.73	19.17	21.39	22.64	19.38	20.96
10	24.68	20.01	22.52	23.57	19.35	21.26	24.07	20.12	22.14	22.46	19.38	20.90
11	24.92	20.67	22.65	22.98	19.20	20.98	23.74	19.36	21.70	22.69	19.64	21.20
12	24.03	19.81	21.92	23.13	19.35	21.08	22.66	19.27	20.94	22.74	19.55	21.19
13	24.17	20.10	22.20	23.24	19.44	21.13	23.34	19.69	21.75	23.33	19.12	21.17
14	24.49	20.59	22.77	23.65	19.97	21.84	22.85	18.70	20.64	23.12	19.11	21.12
15	25.02	21.85	23.57	23.71	19.98	22.11	23.10	18.70	21.10	22.71	19.07	20.90
16	24.45	20.47	22.83	23.73	19.98	22.03	23.04	19.11	20.95	23.42	18.84	21.26
17	24.20	20.41	22.39	23.80	19.08	21.44	23.62	18.96	21.58	23.10	18.72	20.76
18	24.00	20.20	22.24	23.12	18.47	20.98	24.09	19.64	21.98	23.81	18.58	21.30
19	23.85	19.93	22.04	23.72	19.14	21.47	24.23	19.91	22.03	23.00	18.34	20.44
20	23.80	19.77	21.88	23.83	19.09	21.48	23.97	19.23	21.33	22.73	17.96	20.05
21	23.72	19.50	21.65	---	---	---	23.18	18.55	20.70	23.08	17.94	20.29
22	23.92	19.61	21.84	---	---	---	23.30	18.79	20.70	23.72	18.64	21.12
23	24.04	19.66	21.84	23.27	18.64	20.79	23.44	18.77	20.92	23.47	18.61	20.86
24	24.11	19.81	22.00	23.33	18.89	20.90	24.06	19.25	21.75	22.57	18.19	20.29
25	23.99	19.78	21.96	23.26	18.85	20.87	23.63	18.78	20.90	23.12	18.54	20.65
26	23.63	19.81	21.59	23.32	19.01	20.95	23.35	19.01	20.94	23.39	18.17	20.64
27	23.60	19.57	21.53	23.15	19.06	20.94	23.57	19.63	21.57	22.80	18.40	20.40
28	23.69	19.82	21.61	23.55	19.17	21.34	23.45	19.28	21.37	23.55	18.50	20.93
29	23.71	19.65	21.62	23.45	18.76	21.38	23.47	19.17	21.18	23.42	18.49	20.73
30	23.71	19.59	21.70	22.92	18.25	20.68	24.04	19.17	21.66	23.52	18.21	20.93
31	23.96	19.66	21.91	---	---	---	24.10	19.31	21.77	23.58	18.40	20.99
MONTH	25.02	19.06	22.08	---	---	---	24.65	18.09	21.36	24.66	17.94	21.02

SANTEE RIVER BASIN

02171905 SOUTH SANTEE RIVER AT STATE PIER NEAR McCLELLANVILLE, SC--Continued

Gage height, feet
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	23.80	18.56	21.07	24.16	19.57	22.16	24.13	22.76	23.43	24.23	21.37	22.71
2	23.63	18.40	20.94	24.21	19.96	22.03	23.40	22.01	22.72	24.10	21.06	22.53
3	23.37	18.40	20.69	23.84	19.60	21.85	23.24	21.40	22.28	24.06	20.50	22.25
4	23.01	18.24	20.35	24.05	19.90	21.94	23.35	20.89	22.01	24.54	20.95	22.64
5	22.46	18.17	20.20	23.48	19.49	21.55	23.23	20.49	21.84	24.16	20.63	22.54
6	22.79	18.79	20.60	22.85	19.36	21.15	24.24	20.49	22.04	23.85	19.85	21.67
7	22.76	18.46	20.39	23.52	19.57	21.41	24.09	20.44	22.14	23.37	19.78	21.28
8	22.05	18.67	20.39	23.48	20.00	21.61	23.90	20.48	21.88	23.36	19.56	21.21
9	22.41	19.10	20.60	23.47	20.24	21.76	24.11	21.03	22.35	23.01	19.63	21.19
10	22.55	18.61	20.53	23.43	20.39	21.80	24.41	20.60	22.51	23.06	19.49	21.26
11	22.10	18.91	20.54	23.54	20.04	21.81	24.00	20.82	22.40	23.29	19.36	21.34
12	22.25	18.36	20.17	22.93	20.08	21.45	23.90	20.46	22.26	23.19	18.92	21.14
13	22.80	18.37	20.50	23.21	20.07	21.58	23.95	20.50	22.32	24.13	19.01	21.54
14	22.68	18.34	20.46	23.39	20.50	22.03	24.18	20.46	22.46	24.58	19.30	21.86
15	23.19	18.47	20.70	24.24	20.82	22.65	24.52	20.65	22.58	24.58	19.49	22.02
16	23.97	18.58	21.55	24.44	20.71	22.50	---	---	---	24.71	19.47	22.02
17	24.19	19.01	21.57	24.39	20.29	22.55	---	---	---	25.13	19.95	22.35
18	23.86	18.73	21.28	24.85	20.82	22.99	---	---	---	25.04	20.43	22.77
19	23.99	18.89	21.49	25.08	21.21	23.15	---	---	---	24.75	20.39	22.60
20	23.97	19.15	21.52	25.24	21.69	23.44	---	---	---	24.73	20.35	22.41
21	24.10	19.58	21.83	24.60	21.24	22.93	---	---	---	24.22	19.85	21.81
22	24.13	19.67	21.86	24.30	20.79	22.44	---	---	---	23.81	20.13	21.77
23	23.96	18.64	20.66	24.08	20.72	22.22	24.21	22.24	23.20	23.78	20.06	21.80
24	23.25	19.03	20.94	24.16	20.86	22.29	24.14	21.91	22.94	23.53	20.02	21.85
25	23.12	19.14	21.10	24.29	21.18	22.50	24.18	22.00	23.07	23.65	20.02	21.97
26	23.86	19.71	21.78	23.78	21.73	22.67	23.93	21.90	22.93	23.57	19.70	21.74
27	24.26	19.65	21.99	24.25	22.03	23.39	24.32	21.94	23.08	23.59	19.60	21.62
28	23.78	19.48	21.61	25.01	23.06	24.12	24.18	22.08	23.16	23.96	19.80	21.89
29	---	---	---	24.81	23.54	24.14	24.13	21.85	22.94	23.69	19.67	21.58
30	---	---	---	---	---	---	24.12	21.54	22.74	23.88	19.80	21.73
31	---	---	---	24.35	23.21	23.77	---	---	---	23.62	20.06	21.73
MONTH	24.26	18.17	20.98	---	---	---	---	---	---	25.13	18.92	21.90

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	23.90	20.09	21.71	24.05	19.36	21.50	23.69	19.15	21.29	23.81	19.12	21.40
2	24.18	21.02	22.32	23.56	19.48	21.65	23.54	19.16	21.30	23.83	19.11	21.34
3	23.96	21.36	22.57	23.33	19.18	21.09	23.42	19.01	21.21	23.84	19.03	21.32
4	23.85	20.98	22.29	23.38	19.06	21.05	23.39	18.80	20.98	23.90	19.16	21.47
5	23.47	20.60	21.87	23.28	19.18	21.05	23.42	18.61	20.91	24.20	19.18	21.63
6	23.73	20.60	22.00	23.16	19.00	20.98	23.64	18.60	21.00	24.62	20.05	22.49
7	23.97	20.07	21.83	23.15	18.87	20.93	23.83	18.66	21.15	24.55	19.97	22.41
8	23.34	19.79	21.51	23.35	18.79	20.95	24.06	18.82	21.36	24.66	19.91	22.48
9	23.62	19.49	21.54	23.92	18.88	21.31	24.05	18.76	21.33	24.63	20.04	22.52
10	24.06	20.02	21.98	24.00	18.91	21.42	24.07	18.67	21.15	24.51	20.00	22.48
11	24.35	19.46	21.98	24.15	18.87	21.39	23.99	18.80	21.25	24.59	20.35	22.67
12	24.49	19.38	21.96	24.25	18.79	21.30	24.02	19.06	21.43	24.42	20.23	22.56
13	24.46	19.29	21.84	24.23	19.01	21.46	24.03	19.27	21.56	23.89	19.72	21.91
14	24.50	19.31	21.78	24.07	18.94	21.39	23.74	19.48	21.61	23.97	19.68	21.96
15	24.39	19.42	21.76	24.06	19.20	21.52	23.42	19.39	21.42	23.84	19.82	21.90
16	24.43	19.62	21.78	---	---	---	23.33	19.27	21.28	23.83	19.79	21.97
17	24.34	20.08	22.13	---	---	---	22.99	19.16	21.10	24.08	20.50	22.29
18	24.19	20.44	22.17	---	---	---	23.11	19.04	21.10	23.31	20.15	21.61
19	24.28	20.38	22.02	---	---	---	23.27	19.56	21.38	23.11	19.56	21.26
20	23.49	20.16	21.84	---	---	---	23.25	19.71	21.49	23.49	19.63	21.53
21	23.88	20.44	22.23	---	---	---	23.18	19.68	21.40	23.96	20.05	21.94
22	23.76	20.39	22.13	---	---	---	23.15	19.50	21.20	24.20	20.16	22.26
23	23.59	20.14	21.93	---	---	---	23.09	19.15	21.02	24.15	19.27	21.97
24	23.49	19.84	21.70	---	---	---	23.84	19.27	21.42	24.60	19.81	22.38
25	23.46	19.68	21.63	---	---	---	24.10	19.51	21.81	24.68	19.96	22.57
26	23.63	19.65	21.57	---	---	---	24.03	19.32	21.70	24.58	19.95	22.54
27	23.69	19.46	21.47	---	---	---	24.07	19.14	21.59	24.80	20.05	22.61
28	23.85	19.48	21.55	---	---	---	24.00	19.11	21.51	24.81	19.97	22.46
29	23.78	19.65	21.53	---	---	---	24.12	19.29	21.65	24.64	19.60	22.25
30	23.91	19.40	21.45	23.83	19.14	21.28	23.96	19.47	21.73	24.52	19.59	22.19
31	---	---	---	23.76	19.13	21.27	23.81	19.27	21.50	---	---	---
MONTH	24.50	19.29	21.87	---	---	---	24.12	18.60	21.35	24.81	19.03	22.08

COOPER RIVER BASIN

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, 75.65 ft, June 23; minimum elevation, 70.70 ft, Oct. 1.

Elevation above NGVD 1929, feet
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY OBSERVATION AT 2400 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	70.79	72.21	74.09	72.96	73.58	73.96	75.10	75.25	75.02	74.85	74.83	74.33
2	70.79	72.24	74.13	72.90	73.69	74.08	75.13	75.25	75.01	74.85	74.94	74.49
3	70.75	72.30	74.10	72.94	73.87	74.10	75.22	75.25	75.13	74.84	75.01	74.58
4	70.77	72.34	74.15	72.77	74.08	74.29	75.24	75.22	75.18	74.80	75.10	74.60
5	70.79	72.29	74.16	72.71	74.25	74.29	75.28	75.06	75.26	74.72	75.13	74.57
6	70.84	72.56	74.05	72.69	74.46	74.44	75.27	75.09	75.20	74.70	74.99	74.68
7	71.07	72.38	73.98	72.65	74.49	74.66	75.39	75.03	75.25	74.78	74.90	74.77
8	71.03	72.38	74.06	72.72	74.59	74.63	75.37	74.93	75.42	74.88	74.70	75.00
9	71.03	72.46	74.06	72.77	74.69	74.62	75.43	74.81	75.37	74.98	74.69	74.98
10	70.97	72.52	74.08	72.89	74.78	74.59	75.32	74.78	75.43	75.03	74.71	74.97
11	71.40	72.64	73.98	72.97	74.72	74.70	75.13	74.90	75.37	75.12	74.94	74.90
12	71.41	72.82	73.86	72.98	74.75	74.88	74.98	75.05	75.38	75.01	75.08	74.89
13	71.45	72.75	73.76	73.07	74.75	75.01	74.79	75.05	75.45	75.00	75.13	74.82
14	71.47	72.78	73.65	73.19	74.78	75.11	74.71	75.09	75.42	74.95	75.18	74.82
15	71.49	72.97	73.45	73.17	74.72	75.22	74.78	75.16	75.38	74.92	75.17	74.79
16	71.58	73.29	73.20	73.23	74.84	75.25	74.85	75.18	75.46	74.76	75.23	74.79
17	71.65	73.58	73.09	73.21	74.75	75.30	74.90	75.18	75.49	74.78	75.15	74.80
18	71.53	73.59	73.05	73.15	74.78	75.32	75.00	75.04	75.50	74.79	75.11	74.73
19	71.66	73.75	73.16	73.09	74.65	75.30	75.01	75.01	75.50	74.81	75.09	74.68
20	71.75	73.80	73.20	73.18	74.59	75.43	75.00	75.00	75.57	74.80	75.02	74.68
21	71.81	73.88	73.22	73.40	74.45	75.33	74.94	75.03	75.54	74.69	74.94	74.59
22	71.97	74.04	73.25	73.42	74.35	75.09	74.89	74.98	75.58	74.82	74.93	74.49
23	71.99	74.04	73.20	73.40	74.21	74.81	74.86	74.98	75.54	74.91	74.88	74.58
24	72.09	74.13	73.33	73.26	74.12	74.62	74.86	74.81	75.51	74.78	74.92	74.59
25	72.11	74.12	73.37	73.29	73.94	74.59	75.01	74.78	75.48	74.64	74.87	74.56
26	72.13	74.17	73.19	73.45	73.83	74.72	75.01	74.75	75.37	74.72	74.78	74.54
27	72.12	74.25	72.92	73.44	73.83	74.80	74.98	74.82	75.33	74.63	74.65	74.59
28	72.18	74.17	72.81	73.43	73.85	74.76	75.05	74.88	75.26	74.56	74.54	74.65
29	72.20	74.15	72.79	73.46	---	74.97	75.10	74.98	75.20	74.58	74.39	74.61
30	72.20	74.22	72.79	73.51	---	75.04	75.14	74.95	75.08	74.70	74.43	74.56
31	72.22	---	72.85	73.52	---	75.01	---	75.00	---	74.78	74.38	---
MAX	72.22	74.25	74.16	73.52	74.84	75.43	75.43	75.25	75.58	75.12	75.23	75.00
MIN	70.75	72.21	72.79	72.65	73.58	73.96	74.71	74.75	75.01	74.56	74.38	74.33
(+)	21.6	26.3	23.1	24.7	25.4	28.2	28.5	28.2	28.4	27.6	26.7	27.1
(*)	+1225	+1825	-1210	+590	+322	+1023	+120	-123	+73.3	-265	-355	+166
CAL YR 2002 *	+151	MAX	74.95	MIN	70.35							
WTR YR 2003 *	+279	MAX	75.58	MIN	70.75							

(+) CONTENTS, IN BILLIONS OF CUBIC FEET, AT END OF MONTH.
(*) CHANGE IN CONTENT, EQUIVALENT IN CUBIC FEET PER SECOND.

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, 12.26 ft, Feb. 27; minimum gage height, 2.25 ft, Jan. 21.

Gage height, feet
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	11.15	6.77	8.49	10.38	6.10	8.22	10.10	3.68	6.73	9.48	4.73	7.31
2	11.05	5.57	8.00	10.46	5.93	7.96	9.91	4.49	7.32	10.10	4.28	7.45
3	11.10	6.07	8.03	9.64	5.45	7.65	10.11	4.42	7.04	9.56	4.77	7.24
4	10.11	5.34	7.53	9.84	5.28	7.72	9.26	4.92	7.54	10.27	3.69	7.56
5	10.99	5.60	8.06	9.48	5.38	7.84	9.22	5.42	7.59	9.47	5.58	7.41
6	9.07	5.35	7.51	10.10	5.89	7.79	9.24	4.55	7.67	9.16	5.12	7.45
7	10.57	5.54	7.90	9.96	5.17	7.82	9.44	4.71	7.57	9.32	4.55	7.01
8	9.53	6.36	8.23	10.13	6.05	7.93	8.74	5.66	7.23	8.41	4.24	6.60
9	9.69	6.79	8.29	9.55	4.95	7.40	10.27	5.67	7.46	9.10	4.75	6.56
10	11.71	7.48	8.98	9.48	5.42	7.30	10.61	5.78	7.64	9.40	3.98	6.74
11	10.34	7.21	8.71	10.14	5.36	7.42	10.11	5.23	8.03	9.32	5.17	6.85
12	11.39	6.33	8.55	9.09	5.18	7.15	9.20	5.12	6.97	7.64	5.43	6.76
13	11.51	6.28	8.17	10.17	5.21	7.57	10.02	4.86	7.68	9.37	4.95	6.75
14	10.62	6.97	8.54	10.39	5.97	8.06	10.03	4.82	7.07	9.59	4.71	6.89
15	11.36	7.36	9.07	10.33	6.29	7.91	9.88	3.96	7.19	9.66	4.29	6.80
16	10.64	7.22	8.64	10.04	6.10	7.74	9.92	4.86	7.25	9.89	4.34	6.98
17	9.62	6.81	8.27	9.47	6.09	7.59	9.95	4.49	6.96	9.79	3.85	6.92
18	11.06	6.30	8.57	9.55	4.62	7.42	9.95	4.81	7.11	9.94	5.31	7.52
19	9.52	6.11	8.00	9.71	5.09	7.39	10.41	5.23	7.37	8.36	5.70	6.96
20	9.71	5.89	8.11	9.66	5.24	7.46	9.49	5.03	7.39	8.40	2.95	6.16
21	9.25	5.64	7.96	9.69	5.26	7.50	8.82	3.03	6.25	7.33	2.25	5.30
22	9.26	5.56	7.68	9.23	4.91	7.48	8.08	3.20	6.44	8.75	3.97	6.76
23	9.58	5.85	7.87	8.79	4.23	6.57	8.46	3.63	6.73	9.30	6.02	7.61
24	9.11	5.80	7.78	8.22	3.73	6.55	9.94	4.19	7.29	9.19	5.76	6.86
25	9.23	6.68	7.97	9.20	5.43	7.59	9.48	4.91	7.41	9.87	4.02	6.68
26	8.53	5.70	7.47	9.00	5.08	7.26	9.55	5.04	6.85	7.79	2.97	5.96
27	10.27	4.98	7.65	9.87	5.23	7.12	10.06	5.21	8.13	9.66	2.75	6.61
28	10.33	5.56	7.58	9.53	5.16	7.47	9.39	5.26	7.41	9.82	4.00	6.81
29	10.41	5.65	7.58	10.19	5.54	7.59	9.29	4.53	6.84	10.00	4.19	7.14
30	10.30	5.70	7.85	9.71	4.82	7.06	9.78	4.56	7.34	10.11	3.51	6.92
31	10.81	6.21	8.07	---	---	---	9.47	4.81	7.38	10.27	4.61	7.27
MONTH	11.71	4.98	8.10	10.46	3.73	7.52	10.61	3.03	7.25	10.27	2.25	6.90

COOPER RIVER BASIN

02172001 LAKE MOULTRIE TAILRACE NEAR PINOPOLIS, SC--Continued

Gage height, feet
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	9.91	4.24	7.18	11.82	4.86	7.55	10.78	4.56	7.02	8.71	5.44	7.14
2	9.19	4.11	7.05	10.27	5.44	7.84	9.93	3.50	6.78	10.23	5.38	8.01
3	8.10	4.84	6.76	10.89	5.65	8.16	8.04	4.26	6.41	9.46	5.48	7.45
4	8.71	4.71	6.67	9.67	5.69	7.47	9.63	4.19	6.94	9.40	5.72	7.77
5	7.93	4.18	6.11	10.68	5.79	8.02	8.85	4.77	6.83	10.91	6.73	8.54
6	8.07	3.62	6.52	9.64	4.83	7.12	9.63	4.89	7.11	9.20	6.00	7.69
7	8.62	5.66	7.23	9.82	4.82	6.87	10.94	6.17	8.56	9.59	5.23	7.23
8	7.89	4.78	6.57	10.24	5.61	7.72	10.92	6.04	7.86	10.49	5.03	7.24
9	8.57	4.34	6.54	10.41	5.70	7.49	10.97	6.40	8.16	10.68	4.46	7.30
10	9.11	4.22	6.94	10.80	5.87	7.75	11.62	5.86	8.13	10.55	4.81	7.62
11	9.28	3.96	6.44	11.46	5.32	7.63	11.29	5.82	8.26	8.86	4.59	6.82
12	9.36	3.93	6.24	10.96	5.46	7.44	10.18	6.24	8.09	10.61	4.39	6.98
13	9.34	3.29	6.55	11.05	5.34	7.57	11.39	5.80	8.01	11.72	4.65	7.20
14	9.03	3.51	6.05	10.73	5.09	7.40	10.98	5.54	7.88	11.03	4.66	7.46
15	9.32	3.94	6.51	11.57	5.78	7.91	10.35	5.55	7.88	11.00	5.52	7.58
16	10.33	3.55	6.95	11.33	5.63	7.76	10.82	5.55	7.81	10.52	5.47	7.52
17	10.05	4.66	7.50	10.11	5.32	7.60	11.25	6.38	8.19	10.38	5.36	7.75
18	9.04	4.47	6.94	10.47	5.74	8.05	10.61	6.21	8.42	10.47	6.05	8.34
19	9.09	4.96	7.46	11.87	6.32	8.44	10.72	6.37	8.44	9.64	6.04	8.11
20	8.61	5.64	7.49	11.18	6.95	8.99	10.61	6.54	8.40	10.47	6.10	8.10
21	9.37	6.35	7.90	10.55	7.46	9.05	10.84	6.34	8.44	9.58	5.71	7.75
22	9.72	6.13	8.24	10.61	6.00	8.41	10.06	5.73	8.16	9.99	5.27	7.83
23	9.56	4.41	7.63	9.77	5.77	7.86	9.66	5.80	7.76	10.91	5.21	7.78
24	9.98	3.66	6.65	11.02	5.86	7.89	11.46	5.80	8.04	11.23	5.50	7.89
25	10.95	3.66	6.93	11.18	6.03	8.05	11.14	6.16	7.98	11.07	5.35	7.62
26	11.03	4.78	7.48	10.94	5.64	7.60	9.95	6.05	7.82	11.23	4.81	7.43
27	12.26	5.02	7.88	10.68	5.38	7.58	11.22	5.25	7.71	10.90	4.65	7.39
28	9.69	4.45	6.80	11.81	5.93	8.60	10.14	6.20	7.92	11.24	5.38	7.41
29	---	---	---	11.66	5.99	7.96	10.14	5.80	7.99	9.41	5.62	7.32
30	---	---	---	---	---	---	10.89	5.49	8.13	11.18	5.01	7.51
31	---	---	---	10.76	4.93	7.39	---	---	---	10.69	5.39	7.51
MONTH	12.26	3.29	6.97	---	---	---	11.62	3.50	7.84	11.72	4.39	7.59

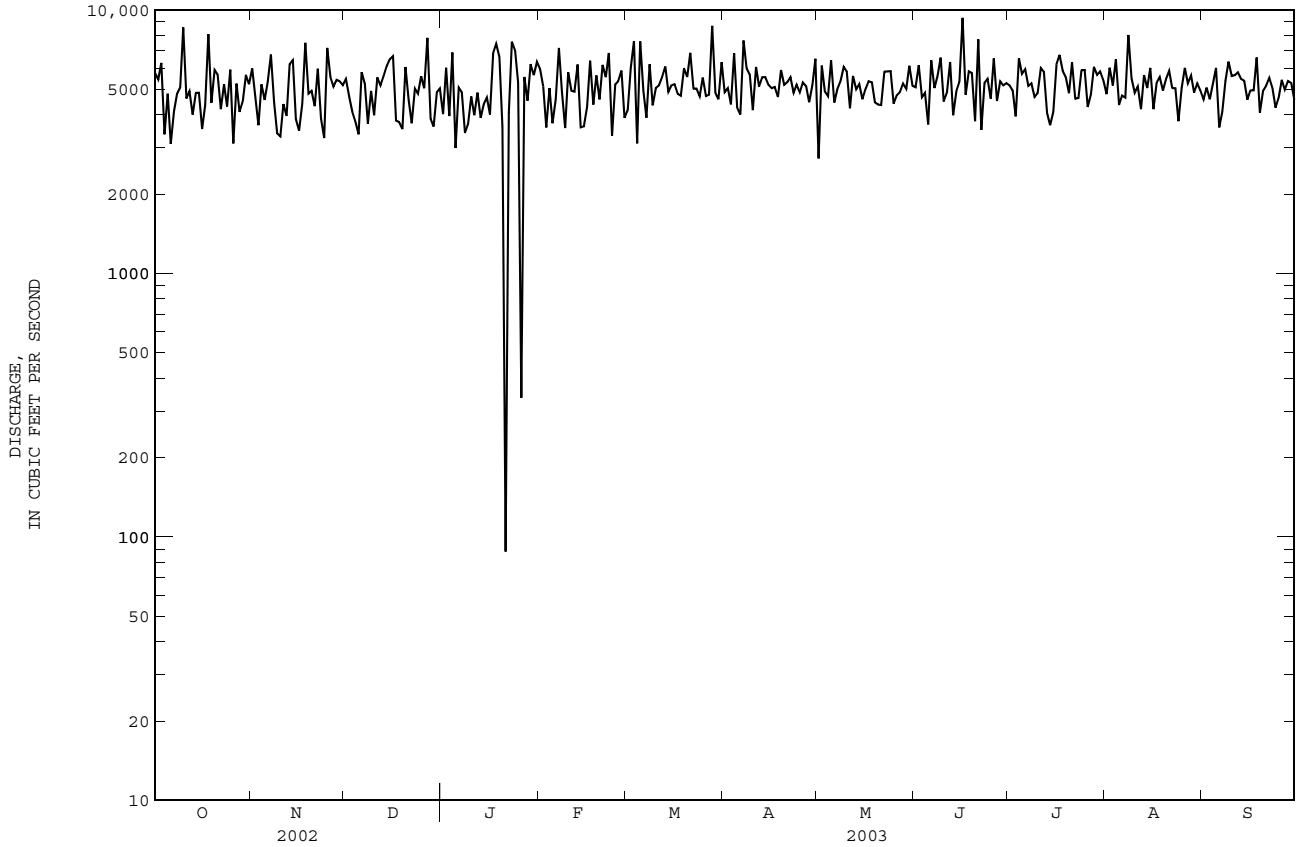
DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	9.85	4.55	7.04	11.25	5.10	7.39	9.59	4.72	7.42	9.55	4.31	7.25
2	9.96	4.90	7.60	9.83	5.67	7.68	10.90	4.97	7.81	10.10	4.05	7.29
3	9.53	5.54	7.61	10.15	4.15	6.79	9.93	4.79	7.48	10.24	3.96	7.16
4	11.08	5.71	7.70	10.53	4.23	7.27	11.02	4.01	7.56	10.31	4.27	7.28
5	9.15	4.62	6.77	11.09	4.54	7.40	8.36	5.94	7.02	11.66	5.17	7.58
6	9.84	5.17	7.52	11.01	4.28	7.43	8.47	5.35	7.00	10.45	5.61	7.77
7	9.99	5.26	7.60	11.06	4.45	7.21	9.48	4.89	6.96	10.49	6.20	7.88
8	10.84	4.39	7.36	10.69	4.24	7.15	10.64	5.23	7.85	11.38	6.38	8.40
9	11.00	5.44	7.53	10.14	3.65	6.82	10.03	5.60	7.40	11.30	7.02	8.98
10	9.37	5.41	7.40	10.57	3.71	7.07	9.80	4.23	6.83	11.15	6.79	8.76
11	9.76	5.58	7.73	10.70	5.09	7.46	9.43	4.86	7.17	10.15	6.72	8.69
12	11.55	4.96	7.86	10.85	4.17	7.25	9.09	4.70	6.98	10.32	6.59	8.76
13	9.25	5.21	7.26	10.61	3.94	6.95	8.97	4.82	7.39	10.49	6.21	8.36
14	9.21	5.24	7.42	8.75	5.02	6.98	8.47	5.53	7.30	10.71	5.68	8.13
15	10.83	4.82	7.52	8.96	4.77	7.19	9.85	5.64	7.53	10.09	5.67	7.82
16	11.15	5.51	8.57	9.99	4.83	7.65	10.02	5.09	7.00	10.87	5.44	7.88
17	9.90	6.12	7.95	10.05	4.74	7.66	9.34	4.25	7.02	11.13	5.85	8.02
18	9.94	6.70	8.28	10.33	4.51	7.47	9.62	3.68	6.90	11.55	5.60	8.06
19	10.71	6.22	8.18	9.44	4.82	7.39	9.78	4.06	7.04	9.80	4.66	7.06
20	9.08	5.68	7.45	11.10	4.51	7.17	9.88	4.46	7.19	10.71	4.65	7.17
21	11.91	6.27	8.51	11.16	4.55	7.47	10.13	4.32	7.28	11.63	5.07	7.65
22	9.76	6.19	7.62	10.96	3.80	6.91	9.96	4.17	6.95	11.73	5.81	8.13
23	11.32	5.24	7.65	10.98	3.07	6.59	9.59	3.88	6.76	10.27	6.34	8.06
24	10.83	4.71	7.52	10.96	3.84	6.96	9.70	3.52	6.48	10.29	5.99	7.96
25	9.86	4.97	7.28	11.15	4.44	7.11	10.03	5.45	7.28	11.15	6.24	8.30
26	10.15	5.34	7.53	9.73	5.10	7.02	10.11	5.55	7.65	10.26	6.38	8.58
27	10.61	5.18	7.01	9.50	5.57	7.20	9.76	5.34	7.44	10.79	6.36	8.61
28	9.35	5.32	7.25	10.36	5.47	7.33	9.70	5.10	7.56	11.58	6.25	8.55
29	10.22	5.40	7.28	10.20	5.10	7.42	9.43	4.93	7.56	11.04	5.78	8.34
30	10.97	5.10	7.24	9.76	4.99	7.43	9.92	4.98	7.70	11.20	5.70	8.15
31	---	---	---	10.19	4.83	7.47	10.25	4.71	7.47	---	---	---
MONTH	11.91	4.39	7.57	11.25	3.07	7.24	11.02	3.52	7.26	11.73	3.96	8.02

COOPER RIVER BASIN

02172002 LAKE MOULTRIE TAILRACE CANAL AT MONCK'S CORNER, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1979 - 2003	
ANNUAL TOTAL	1809860		1867935			
ANNUAL MEAN	4959		5118		7711	
HIGHEST ANNUAL MEAN					18220	1980
LOWEST ANNUAL MEAN					3804	1988
HIGHEST DAILY MEAN	9860	Feb 27	9330	Jun 16	33700	Nov 25 1979
LOWEST DAILY MEAN	620	Jan 6	88	Jan 21	-521	Jan 26 1993
ANNUAL SEVEN-DAY MINIMUM	3450	Feb 13	4000	Jan 20	1790	Mar 19 1985
MAXIMUM PEAK FLOW			27100	Feb 27	Unknown	
MAXIMUM PEAK STAGE			10.40	Feb 27	Unknown	
10 PERCENT EXCEEDS	6870		6380		19300	
50 PERCENT EXCEEDS	4810		5070		5360	
90 PERCENT EXCEEDS	3460		3790		2680	

e Estimated



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, 15.20 ft, Oct. 15; minimum gage height, 7.77 ft, Jan. 21.

DAY	Gage height, feet											
	WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003											
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	14.32	11.33	12.85	14.02	11.43	12.73	13.23	9.18	11.33	13.65	10.07	11.99
2	14.27	10.70	12.57	14.09	11.26	12.60	13.86	9.92	11.91	13.75	9.67	11.86
3	14.28	10.81	12.48	14.00	10.81	12.44	13.55	9.78	11.73	13.38	10.10	11.78
4	14.01	10.67	12.36	14.02	10.62	12.43	13.87	10.29	12.27	13.75	9.15	11.81
5	13.86	10.93	12.43	14.38	10.65	12.62	13.93	10.74	12.35	13.59	10.90	12.15
6	14.03	10.70	12.30	14.27	10.46	12.37	13.71	9.90	12.02	13.27	9.90	11.76
7	14.15	10.87	12.56	13.71	9.50	12.04	13.36	10.07	11.92	12.72	9.40	11.27
8	14.17	11.69	12.92	14.02	10.90	12.44	13.26	10.06	11.77	12.50	9.38	11.08
9	14.45	11.78	13.12	13.78	10.30	12.18	13.33	9.96	11.83	12.18	9.72	11.06
10	14.79	11.86	13.33	13.47	10.24	12.01	13.73	11.14	12.37	11.99	9.39	10.98
11	14.78	12.21	13.43	12.90	10.49	11.81	13.51	10.58	12.48	12.31	10.39	11.32
12	14.55	11.44	13.00	12.89	10.50	11.75	12.54	10.22	11.52	12.57	10.07	11.48
13	14.28	11.55	12.92	13.18	10.58	11.83	13.10	10.22	12.12	13.06	9.99	11.41
14	14.69	12.21	13.28	13.69	11.26	12.43	12.72	10.11	11.34	12.98	10.12	11.45
15	15.20	12.66	13.83	13.90	11.56	12.72	12.85	9.39	11.49	12.91	9.73	11.34
16	14.62	12.23	13.56	13.81	11.39	12.55	13.06	10.19	11.58	13.45	9.78	11.65
17	14.30	11.94	13.01	13.61	11.15	12.26	13.33	9.90	11.74	12.96	9.35	11.24
18	14.43	11.59	12.92	13.27	9.38	11.64	13.79	10.20	11.98	13.78	9.81	11.91
19	13.99	11.59	12.82	13.42	10.38	12.01	14.14	10.62	12.21	13.01	9.62	11.35
20	13.74	11.22	12.62	13.81	10.53	12.15	13.76	10.28	11.90	12.46	8.51	10.71
21	13.74	10.93	12.41	13.95	10.58	12.23	12.55	8.19	10.83	12.23	7.77	10.38
22	13.46	10.90	12.32	13.59	10.32	11.88	12.70	8.66	11.00	12.94	8.89	11.31
23	13.84	10.85	12.44	13.02	9.05	11.26	12.90	8.49	11.13	13.24	10.38	11.79
24	13.69	10.86	12.42	12.78	9.15	11.22	13.84	9.50	11.92	12.45	9.36	11.14
25	13.94	10.99	12.52	12.93	10.50	11.58	13.24	9.99	11.67	13.06	9.51	11.33
26	13.48	10.86	12.26	12.87	10.19	11.53	12.81	9.42	11.23	12.74	8.31	11.02
27	13.62	10.35	12.12	12.74	9.77	11.51	13.15	10.82	12.16	12.14	8.31	10.96
28	13.38	10.86	12.19	12.97	10.58	11.74	12.91	10.14	11.87	13.30	9.47	11.46
29	13.33	10.73	12.19	13.27	10.85	12.03	12.74	9.94	11.40	13.33	9.63	11.57
30	13.61	11.03	12.34	12.41	10.14	11.29	13.57	9.94	11.87	13.06	9.05	11.46
31	13.68	11.53	12.59	---	---	---	13.42	10.18	11.99	13.53	9.98	11.63
MONTH	15.20	10.35	12.71	14.38	9.05	12.04	14.14	8.19	11.77	13.78	7.77	11.41

COOPER RIVER BASIN

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCK'S CORNER, SC--Continued

Gage height, feet
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	13.59	9.70	11.67	13.89	10.24	12.19	13.32	9.88	11.57	13.74	10.39	12.00
2	13.22	9.56	11.58	13.67	10.75	12.35	13.10	8.99	11.22	13.69	10.80	12.21
3	13.01	9.37	11.36	14.00	10.66	12.30	12.66	8.95	10.96	13.73	10.51	12.03
4	12.95	9.17	11.16	13.87	10.78	12.26	13.26	9.22	11.14	13.91	11.01	12.34
5	12.23	8.58	10.68	13.63	10.47	12.11	13.40	10.00	11.45	14.09	11.54	12.80
6	12.45	9.10	11.09	13.30	9.90	11.55	13.03	10.23	11.65	13.97	10.69	12.12
7	12.52	9.82	11.21	12.85	9.87	11.49	13.67	11.48	12.49	13.09	10.37	11.58
8	12.10	9.18	10.88	12.95	10.70	11.91	13.11	11.35	12.08	13.03	10.27	11.66
9	12.25	9.74	11.11	13.26	11.11	12.05	13.80	11.67	12.63	12.61	9.85	11.50
10	12.43	9.42	11.24	13.07	11.20	12.08	13.88	11.03	12.76	13.10	10.01	11.74
11	12.43	9.37	10.97	13.29	10.74	12.19	13.91	11.05	12.67	12.96	9.69	11.52
12	12.37	9.38	10.72	12.78	10.70	11.72	13.73	11.47	12.68	13.09	8.96	11.35
13	12.59	8.79	10.95	12.82	10.62	11.86	13.86	11.21	12.55	13.73	9.51	11.55
14	12.35	8.91	10.77	13.15	10.43	11.99	13.90	10.85	12.43	14.32	9.70	11.94
15	12.58	9.37	11.16	14.06	11.14	12.59	14.05	10.62	12.35	14.31	10.14	12.18
16	13.71	9.05	11.68	14.09	10.95	12.42	14.49	10.85	12.38	13.96	10.18	12.13
17	13.83	10.03	12.01	14.06	10.67	12.37	14.50	10.85	12.68	13.98	10.33	12.24
18	13.35	9.87	11.66	14.23	11.06	12.72	14.50	11.52	12.93	14.24	11.37	12.80
19	13.42	9.91	11.88	14.30	11.24	12.94	14.40	11.01	12.78	14.30	11.37	12.62
20	13.41	10.21	11.94	14.56	11.82	13.42	14.32	11.37	12.81	14.13	11.41	12.66
21	13.46	10.66	12.25	14.79	11.83	13.42	14.20	11.73	12.89	13.81	10.97	12.28
22	13.75	11.45	12.62	14.47	11.04	12.89	14.06	11.06	12.68	13.33	10.57	12.19
23	13.52	9.75	11.58	13.75	11.04	12.37	13.41	11.30	12.37	13.33	10.53	12.17
24	12.62	9.14	11.28	13.75	11.27	12.40	13.74	11.10	12.41	13.60	10.85	12.24
25	12.55	9.29	11.36	13.59	11.08	12.46	13.77	11.42	12.59	13.76	10.61	12.22
26	13.42	10.19	12.00	13.31	10.98	12.17	13.61	11.15	12.41	13.45	10.25	12.00
27	14.08	10.39	12.31	13.55	10.70	12.30	14.01	10.69	12.32	13.64	10.03	11.89
28	13.14	9.89	11.60	14.10	11.27	12.79	14.01	11.01	12.54	14.05	10.41	11.98
29	---	---	---	13.80	11.29	12.52	13.62	11.02	12.34	13.61	10.26	11.85
30	---	---	---	---	---	---	13.55	10.72	12.21	14.00	10.10	11.77
31	---	---	---	13.46	10.23	11.83	---	---	---	13.47	10.33	11.87
MONTH	14.08	8.58	11.45	---	---	---	14.50	8.95	12.30	14.32	8.96	12.05

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	13.37	9.97	11.43	13.92	9.66	11.72	13.33	10.08	11.74	13.26	9.70	11.80
2	13.47	10.28	11.80	13.83	10.90	12.15	13.34	10.26	12.04	13.30	9.53	11.74
3	13.65	10.48	12.06	13.06	9.53	11.37	13.28	10.09	11.92	13.46	9.42	11.74
4	13.65	11.01	12.05	12.88	9.63	11.53	13.33	9.45	11.84	13.61	9.60	11.87
5	13.05	9.93	11.41	12.97	9.94	11.72	13.44	10.00	11.90	14.04	9.71	12.09
6	13.21	10.03	11.79	13.30	9.68	11.70	13.55	9.95	11.91	14.44	10.99	12.67
7	13.27	10.56	11.98	12.89	9.29	11.50	13.80	9.75	11.84	14.51	11.19	12.73
8	13.20	9.72	11.77	13.55	9.21	11.57	14.27	10.79	12.23	14.88	11.48	12.98
9	13.41	10.06	11.84	13.53	9.06	11.43	14.20	9.94	12.08	14.67	12.23	13.37
10	13.84	10.34	12.09	13.86	9.04	11.63	13.96	9.18	11.67	14.48	11.99	13.18
11	13.89	10.34	12.14	14.05	9.33	11.66	13.66	10.15	11.84	14.54	12.03	13.27
12	14.33	10.25	12.19	14.06	8.66	11.55	13.92	9.97	11.83	14.51	12.03	13.30
13	13.97	9.71	11.93	13.96	9.33	11.63	13.71	10.43	12.07	14.09	11.52	12.77
14	13.81	10.41	11.92	13.65	9.85	11.66	13.75	10.63	12.23	13.76	11.00	12.57
15	13.79	10.21	11.95	13.52	10.13	11.70	13.55	10.40	12.19	13.55	10.99	12.43
16	14.01	10.29	12.09	13.38	10.17	11.84	13.38	10.17	11.89	13.58	10.79	12.41
17	14.26	11.30	12.50	13.38	10.07	11.75	12.98	9.60	11.57	13.83	11.22	12.64
18	14.13	11.33	12.74	13.06	9.96	11.69	12.76	9.05	11.32	13.71	10.99	12.44
19	14.23	11.09	12.69	13.14	10.09	11.78	12.97	9.49	11.53	13.20	10.12	11.77
20	13.50	10.86	12.18	12.98	9.89	11.68	13.32	9.86	11.75	13.66	10.00	11.81
21	14.04	11.41	12.75	13.36	9.81	11.79	13.38	9.81	11.76	14.08	10.55	12.25
22	13.80	11.11	12.42	13.01	9.18	11.39	13.17	9.57	11.53	14.51	10.93	12.65
23	13.66	10.52	12.20	12.76	8.42	10.95	13.22	9.21	11.31	14.13	10.95	12.57
24	13.61	10.12	12.00	13.25	9.17	11.30	13.53	9.03	11.34	14.26	11.32	12.70
25	13.57	10.25	11.88	13.47	9.30	11.44	13.94	10.01	11.94	14.56	11.59	12.97
26	13.82	10.22	11.81	13.64	9.93	11.72	14.00	10.50	12.05	14.41	11.74	13.13
27	13.77	9.51	11.63	13.79	9.87	11.79	13.93	10.29	11.94	14.35	11.72	13.15
28	13.77	9.93	11.79	13.73	9.54	11.63	13.72	10.41	11.91	14.44	11.56	13.12
29	13.73	9.49	11.69	13.49	10.25	11.65	13.57	10.26	11.94	14.15	11.12	12.84
30	13.70	9.93	11.63	13.40	10.26	11.69	13.58	10.32	12.12	13.99	11.04	12.75
31	---	---	---	13.40	10.13	11.70	13.38	10.09	11.95	---	---	---
MONTH	14.33	9.49	12.01	14.06	8.42	11.62	14.27	9.03	11.84	14.88	9.42	12.59

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 (discontinued).

INSTRUMENTATION.--Data collection platform and mini-monitor.

REMARKS.--Specific conductance records rated excellent except for Nov. 22 to Dec. 16, Jan. 23 to Apr. 11, and June 11 to July 15, which are good. Temperature records rated excellent except for Nov. 22 to Dec. 16, Feb. 25 to Apr. 11, and June 11 to July 15, which are good, and July 15 to Sep. 30, which are fair.

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, 203 microsiemens, Oct. 7; minimum, 59 microsiemens, Sep. 10.

WATER TEMPERATURE: Maximum, 30.3°C, Aug. 31; minimum, 4.9°C, Jan. 25.

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	160	156	158	149	145	147	141	139	140	132	129	131
2	161	157	159	150	145	147	142	140	141	132	129	131
3	161	159	159	153	146	147	145	139	141	132	130	131
4	164	159	161	158	145	148	159	139	142	130	128	129
5	167	160	163	155	145	148	151	139	141	132	129	130
6	176	162	166	157	143	147	145	138	140	132	128	130
7	203	163	173	150	144	145	144	137	139	132	129	131
8	194	163	172	146	143	145	140	137	138	133	130	132
9	188	164	172	148	142	144	140	137	138	133	131	132
10	---	---	---	148	142	145	143	137	138	133	131	132
11	---	---	---	146	142	144	140	136	137	133	131	132
12	---	---	---	146	144	145	137	136	137	133	130	132
13	---	---	---	146	143	144	138	136	137	133	131	132
14	---	---	---	145	142	144	137	134	135	132	131	132
15	---	---	---	144	140	142	136	133	134	133	130	132
16	142	133	136	143	138	141	135	132	133	133	131	132
17	144	132	138	141	137	139	136	133	134	133	130	131
18	146	136	142	143	134	139	136	133	135	132	129	130
19	145	142	144	143	137	140	137	134	135	131	128	130
20	145	142	143	142	134	138	139	134	136	130	128	129
21	147	143	145	140	135	138	136	134	135	134	129	130
22	145	142	144	141	136	139	137	134	136	141	131	133
23	145	143	145	141	138	140	137	134	135	138	128	131
24	146	143	145	142	137	140	136	133	135	128	126	127
25	146	144	145	142	139	141	134	124	131	128	126	127
26	146	144	145	142	140	142	128	123	126	132	126	128
27	147	144	146	142	140	141	128	124	126	137	127	130
28	147	145	146	142	140	141	131	126	128	137	128	131
29	147	146	146	141	139	140	129	125	128	135	127	130
30	150	146	147	141	139	140	130	125	127	133	128	130
31	150	145	147	---	---	---	132	128	130	130	126	128
MONTH	---	---	---	158	134	143	159	123	135	141	126	131

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 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	131	127	128	141	135	138	107	103	105	90	86	88
2	130	128	129	141	132	137	106	99	102	94	87	90
3	129	127	128	136	130	132	103	99	101	93	85	88
4	130	128	129	134	128	130	103	100	101	91	85	87
5	130	128	129	133	125	129	103	99	101	87	82	86
6	131	129	130	133	125	129	103	100	101	90	82	85
7	132	127	129	132	120	127	105	96	100	89	83	86
8	129	127	128	124	119	121	101	96	98	89	83	86
9	131	127	129	127	120	123	104	95	99	89	84	86
10	131	127	129	127	123	125	103	92	98	89	82	84
11	130	127	128	129	122	126	98	91	94	87	80	84
12	131	128	129	129	125	127	103	91	95	87	83	85
13	132	128	129	130	127	128	100	90	94	86	80	82
14	133	128	130	131	123	128	98	88	92	84	79	81
15	140	129	134	131	125	128	97	88	93	84	79	81
16	139	129	134	129	124	126	97	89	94	86	79	81
17	141	128	132	126	123	125	100	92	95	88	79	82
18	139	129	131	127	122	124	101	92	96	99	79	85
19	138	131	134	126	120	123	99	90	95	98	78	84
20	138	129	132	123	113	119	97	90	93	92	79	82
21	137	129	133	114	98	108	96	90	93	90	79	81
22	135	130	132	104	95	99	96	89	92	85	78	80
23	134	128	131	104	92	100	99	89	94	81	77	79
24	134	130	131	106	95	101	96	89	92	81	78	79
25	141	132	136	109	101	105	92	86	89	81	78	79
26	141	136	138	110	106	108	90	86	89	81	79	80
27	139	135	137	111	107	109	93	89	91	81	79	80
28	140	135	138	114	108	110	94	87	90	80	77	78
29	---	---	---	111	109	110	92	87	89	79	76	77
30	---	---	---	---	---	---	93	87	90	79	76	77
31	---	---	---	108	104	106	---	---	---	79	75	77
MONTH	141	127	131	---	---	---	107	86	95	99	75	83

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	78	76	77	82	78	79	76	70	74	80	77	79
2	78	75	77	80	78	79	77	72	73	78	74	77
3	77	75	76	83	78	80	79	73	76	80	72	76
4	78	75	76	83	80	82	78	72	75	78	67	76
5	81	77	78	86	78	82	76	71	73	76	67	72
6	81	77	80	82	74	78	74	70	72	82	69	74
7	80	77	79	80	76	78	73	70	72	75	70	72
8	80	77	78	83	79	81	76	71	74	78	69	73
9	80	77	78	82	79	80	87	70	77	74	60	66
10	81	76	79	87	80	82	90	70	78	67	59	63
11	78	76	77	---	---	---	74	70	72	72	63	67
12	78	76	77	93	76	85	75	71	73	72	66	67
13	79	77	78	85	78	80	79	72	75	69	65	67
14	81	78	80	85	77	80	93	75	78	71	66	68
15	82	78	80	86	77	79	92	76	80	69	66	68
16	84	78	80	88	78	81	92	76	83	71	68	69
17	79	73	77	80	75	78	94	81	85	72	67	69
18	78	69	74	81	68	75	89	81	86	71	66	68
19	71	66	69	78	66	70	91	72	85	69	66	68
20	71	67	69	79	66	73	82	74	78	73	69	70
21	74	68	72	79	67	74	84	76	80	72	64	69
22	75	71	73	78	67	72	79	72	77	67	63	65
23	75	71	74	79	68	75	74	62	69	69	62	65
24	75	74	74	81	68	75	75	64	71	74	67	69
25	77	75	76	77	66	71	80	74	77	90	67	74
26	81	75	78	72	65	69	96	80	89	89	69	74
27	82	77	79	70	66	68	109	96	101	92	69	76
28	80	77	79	73	68	70	117	109	115	88	69	73
29	81	77	79	72	68	70	117	106	113	92	68	74
30	79	76	77	73	69	71	106	79	88	90	68	73
31	---	---	---	77	71	73	83	79	80	---	---	---
MONTH	84	66	77	---	---	---	117	62	81	92	59	71

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCK'S CORNER, SC--Continued

Temperature, water, degrees Celsius
 WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	26.3	26.1	26.2	20.6	20.2	20.3	13.1	12.4	12.7	10.6	9.8	10.2
2	26.4	25.9	26.1	20.3	19.7	19.9	12.5	12.0	12.2	10.6	10.1	10.3
3	26.6	26.0	26.3	19.7	19.3	19.4	12.4	11.8	12.1	10.3	9.9	10.0
4	26.9	26.4	26.6	19.3	18.9	19.1	12.2	11.0	11.6	9.9	9.1	9.4
5	27.0	26.5	26.8	19.0	18.7	18.8	11.1	10.5	10.7	9.6	9.1	9.3
6	27.3	26.5	26.9	19.5	18.8	19.2	11.1	10.4	10.7	9.6	9.0	9.3
7	27.6	26.7	27.1	19.1	18.1	18.5	11.0	10.3	10.6	9.4	8.6	8.9
8	27.3	26.1	26.6	18.3	17.7	18.0	10.6	10.2	10.4	8.9	8.2	8.6
9	26.2	25.5	25.7	18.0	17.6	17.8	10.5	10.3	10.3	9.5	8.6	9.0
10	25.8	25.4	25.6	18.2	17.7	18.0	10.3	9.8	10.0	10.1	9.4	9.7
11	25.7	25.2	25.5	18.6	18.0	18.4	10.2	9.8	10.0	9.6	9.0	9.3
12	25.5	24.9	25.2	18.7	18.4	18.5	10.1	9.9	10.1	9.2	8.6	8.8
13	25.4	24.3	25.1	18.5	17.8	18.1	10.5	10.0	10.2	8.6	8.3	8.5
14	24.6	23.8	24.4	17.8	17.3	17.5	10.4	10.0	10.2	8.8	8.3	8.6
15	23.8	23.0	23.4	17.4	17.0	17.2	10.0	9.6	9.9	8.6	8.3	8.5
16	23.2	22.5	22.8	17.1	16.9	17.1	9.9	9.5	9.7	8.6	8.1	8.4
17	22.8	21.8	22.4	17.0	16.4	16.8	9.8	9.5	9.6	8.8	8.1	8.5
18	22.8	21.7	22.2	16.4	15.3	15.8	9.9	9.5	9.7	8.1	7.4	7.7
19	22.3	21.7	21.9	16.0	15.3	15.7	10.2	9.7	9.9	7.6	7.1	7.4
20	22.1	21.4	21.7	15.9	15.1	15.5	11.2	10.2	10.8	7.9	6.9	7.4
21	22.0	21.8	21.9	15.9	15.3	15.6	10.9	10.0	10.3	8.8	7.7	8.1
22	21.8	21.3	21.5	15.8	15.4	15.6	10.5	9.7	10.1	8.7	8.3	8.5
23	21.3	20.8	21.0	15.5	14.5	14.9	10.6	9.9	10.3	8.3	6.4	7.4
24	21.2	20.8	20.9	14.8	14.2	14.5	10.6	10.2	10.4	6.4	5.1	5.6
25	20.9	20.5	20.7	15.1	14.3	14.7	10.6	10.0	10.5	5.8	4.9	5.3
26	20.8	20.6	20.7	15.0	14.7	14.8	10.0	9.3	9.6	6.2	5.5	5.8
27	20.9	20.4	20.7	14.8	14.4	14.6	9.5	9.1	9.3	6.1	5.6	5.9
28	21.3	20.9	21.1	14.5	13.6	13.9	9.3	8.8	9.1	6.1	5.4	5.7
29	21.5	21.0	21.3	13.7	13.0	13.3	9.2	8.6	9.0	6.7	5.6	6.1
30	21.5	20.9	21.3	13.2	12.8	12.9	9.5	8.8	9.1	7.0	6.6	6.8
31	20.9	20.5	20.7	---	---	---	9.8	9.3	9.5	6.9	6.2	6.4
MONTH	27.6	20.4	23.6	20.6	12.8	16.8	13.1	8.6	10.3	10.6	4.9	8.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	7.1	6.2	6.6	10.2	9.8	10.0	16.1	14.8	15.5	20.9	19.8	20.4
2	7.5	6.5	7.0	11.2	10.2	10.7	16.8	15.2	16.0	21.0	19.6	20.2
3	8.1	7.1	7.6	11.8	10.7	11.2	17.4	15.9	16.6	20.9	19.7	20.4
4	9.1	8.0	8.5	11.6	11.0	11.4	17.6	16.6	17.1	21.7	20.3	21.0
5	9.0	8.0	8.6	12.4	11.5	11.9	18.1	16.6	17.4	21.5	20.4	20.9
6	8.9	7.8	8.2	12.6	11.7	12.1	18.1	17.2	17.7	21.4	20.2	20.9
7	8.1	7.3	7.6	12.5	11.5	12.1	18.0	16.7	17.1	22.0	20.4	21.2
8	8.1	7.3	7.6	12.5	11.1	11.8	16.8	15.8	16.2	22.8	21.7	22.1
9	8.3	7.6	7.9	12.8	12.2	12.4	15.9	15.5	15.7	23.5	21.9	22.7
10	8.6	8.0	8.1	13.3	12.1	12.7	15.5	14.7	15.0	23.5	22.0	22.8
11	8.6	7.8	8.2	13.6	12.5	12.9	14.8	14.0	14.4	24.3	23.4	23.8
12	8.9	8.2	8.5	13.9	12.9	13.3	15.8	13.9	14.9	24.1	22.6	23.6
13	9.0	8.4	8.7	14.0	13.3	13.6	16.9	15.2	16.0	24.0	22.6	23.2
14	9.0	8.6	8.8	13.6	12.7	13.1	17.7	16.3	16.9	23.9	23.3	23.7
15	10.0	8.5	9.2	12.8	12.2	12.4	18.2	16.6	17.4	23.7	22.6	22.8
16	9.9	9.1	9.5	13.4	12.1	12.7	18.3	16.5	17.5	23.2	22.0	22.7
17	9.4	8.2	8.6	13.8	13.4	13.6	18.3	16.6	17.5	23.3	22.8	23.0
18	8.3	8.0	8.2	14.5	13.7	14.1	18.2	16.8	17.5	23.1	22.5	22.8
19	8.9	7.8	8.3	15.0	13.9	14.4	18.2	16.5	17.2	22.9	22.1	22.4
20	9.4	8.6	9.0	15.4	14.4	14.9	17.6	16.2	17.0	22.8	21.6	22.2
21	9.9	9.1	9.5	16.1	14.4	15.1	18.8	17.3	18.0	23.3	22.4	22.8
22	11.0	9.4	10.0	16.8	15.2	15.8	19.5	18.4	18.9	22.9	21.9	22.6
23	10.8	10.2	10.6	17.1	16.0	16.6	19.4	18.5	19.0	22.4	21.8	22.0
24	11.1	10.0	10.5	17.2	15.8	16.5	20.0	18.8	19.4	23.2	21.9	22.4
25	11.8	10.8	11.2	17.1	15.8	16.4	19.8	18.5	19.2	23.6	22.6	23.2
26	11.5	10.4	11.1	17.1	15.9	16.3	18.9	18.1	18.5	23.8	23.0	23.4
27	10.6	9.4	10.0	16.7	15.7	16.2	19.7	18.5	19.1	23.4	22.7	23.1
28	10.1	9.3	9.6	16.4	15.3	15.9	20.4	19.0	19.8	23.9	22.6	23.3
29	---	---	---	17.3	15.8	16.4	20.9	19.6	20.2	24.2	23.1	23.7
30	---	---	---	---	---	---	20.9	19.6	20.2	24.3	23.0	23.7
31	---	---	---	16.0	14.7	15.3	---	---	---	---	---	---
MONTH	11.8	6.2	8.8	---	---	---	20.9	13.9	17.4	---	---	---

COOPER RIVER BASIN

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCK'S CORNER, SC--Continued

Temperature, water, degrees Celsius
 WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	---	---	---	27.8	27.3	27.4	28.1	27.4	27.7	30.2	29.3	29.7
2	25.2	23.4	24.3	27.3	26.7	27.0	28.1	27.1	27.6	30.0	29.1	29.4
3	24.5	23.8	24.2	27.8	26.5	27.1	28.0	27.5	27.6	29.6	29.0	29.3
4	24.2	23.5	23.9	27.8	27.1	27.5	28.1	27.4	27.7	29.6	29.1	29.3
5	25.1	23.7	24.3	27.7	27.1	27.4	27.8	27.0	27.4	29.5	28.7	29.0
6	25.1	24.3	24.9	27.8	26.9	27.3	28.3	27.4	27.8	28.7	27.0	27.8
7	25.2	24.2	24.7	28.0	27.5	27.7	28.5	27.8	28.2	27.1	25.7	26.4
8	25.1	24.2	24.6	28.4	27.4	27.8	28.5	28.1	28.4	26.5	25.7	26.0
9	25.8	24.4	25.0	29.2	28.2	28.7	28.9	28.1	28.5	26.3	25.0	25.5
10	26.3	25.0	25.7	29.3	28.6	28.9	28.9	28.2	28.5	25.5	25.0	25.3
11	27.0	25.6	26.2	29.6	28.3	29.0	28.8	28.0	28.5	25.3	24.5	24.9
12	26.6	25.6	26.1	29.7	28.5	29.0	29.0	28.0	28.5	25.0	24.4	24.6
13	26.3	25.3	25.9	29.4	28.4	28.7	28.8	28.1	28.5	25.2	24.4	24.7
14	26.4	25.3	25.9	28.8	28.0	28.3	29.0	28.2	28.6	25.6	24.7	25.0
15	26.9	25.5	26.3	28.6	27.7	28.2	29.4	28.5	28.9	25.5	24.7	25.1
16	27.5	26.1	26.8	29.2	28.1	28.6	29.4	28.7	29.0	25.6	24.6	25.1
17	26.2	25.4	25.9	29.0	27.8	28.3	29.3	28.6	28.9	25.0	24.2	24.6
18	25.7	25.0	25.3	28.3	27.6	28.0	29.4	28.8	29.0	24.6	23.9	24.2
19	25.9	24.7	25.3	28.2	27.5	27.9	29.3	28.5	28.9	24.5	23.9	24.1
20	26.6	25.6	26.0	28.4	27.5	27.9	29.2	28.7	28.9	24.8	24.2	24.5
21	26.8	25.7	26.3	28.5	28.0	28.2	29.3	28.8	29.1	25.2	24.5	24.8
22	27.2	26.0	26.4	28.2	27.6	28.0	29.1	28.6	28.8	25.0	24.4	24.7
23	27.0	25.9	26.4	27.6	26.9	27.4	29.4	28.7	29.0	24.7	24.3	24.5
24	27.6	26.2	26.9	27.1	26.4	26.8	29.6	29.1	29.3	24.7	24.1	24.4
25	27.8	26.6	27.2	26.9	26.2	26.7	29.6	28.9	29.3	25.1	24.1	24.7
26	28.2	27.0	27.6	26.5	25.8	26.2	29.8	28.8	29.3	25.1	24.4	24.7
27	28.5	27.1	27.8	27.1	25.5	26.4	30.1	29.0	29.6	25.0	24.3	24.7
28	28.2	27.2	27.8	27.5	26.0	26.8	30.1	29.1	29.7	25.1	24.4	24.8
29	28.0	27.1	27.5	27.9	26.6	27.2	30.2	29.3	29.8	24.6	23.5	24.0
30	27.9	26.6	27.3	28.4	27.4	27.8	30.2	29.3	29.8	23.9	23.1	23.3
31	---	---	---	28.4	27.6	28.0	30.3	29.3	29.8	---	---	---
MONTH	---	---	---	29.7	25.5	27.7	30.3	27.0	28.7	30.2	23.1	25.6

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, 18.60 ft, Oct. 15; minimum gage height, 12.32 ft, Jan. 21.

Gage height, feet
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	17.71	15.48	16.69	17.45	15.54	16.51	16.53	13.30	15.08	17.06	14.37	15.85
2	17.59	14.98	16.41	17.46	15.46	16.43	17.10	14.10	15.69	17.03	14.04	15.70
3	17.56	14.90	16.29	17.38	15.05	16.29	16.86	14.09	15.56	16.92	14.42	15.68
4	17.37	14.86	16.20	17.38	14.87	16.25	17.28	14.54	16.08	17.02	13.60	15.62
5	17.35	15.18	16.24	17.62	14.94	16.44	17.37	15.00	16.20	17.08	14.98	15.99
6	17.41	14.98	16.16	17.62	14.78	16.24	17.12	14.30	15.88	16.76	14.20	15.60
7	17.58	15.14	16.38	17.13	13.83	15.84	16.85	14.38	15.76	16.22	13.61	15.10
8	17.62	15.75	16.74	17.42	14.97	16.25	16.77	14.25	15.61	16.14	13.66	14.93
9	17.85	15.92	16.93	17.15	14.56	16.01	16.80	14.08	15.62	15.76	13.67	14.86
10	18.04	15.94	17.08	16.98	14.48	15.86	17.14	15.23	16.20	15.61	13.63	14.79
11	18.25	16.39	17.35	16.54	14.51	15.64	17.15	14.79	16.33	15.93	14.32	15.12
12	18.02	15.90	17.01	16.50	14.59	15.58	16.12	14.34	15.37	16.14	14.16	15.30
13	17.80	15.86	16.89	16.69	14.70	15.67	16.77	14.34	15.95	16.47	14.13	15.25
14	18.14	16.42	17.22	17.17	15.30	16.24	16.27	14.04	15.20	16.34	14.15	15.26
15	18.60	16.90	17.72	17.38	15.73	16.55	16.35	13.60	15.27	16.34	14.00	15.15
16	18.28	16.67	17.56	17.29	15.55	16.43	16.51	14.38	15.39	16.72	13.96	15.45
17	17.80	16.08	16.98	17.14	15.21	16.15	16.67	14.06	15.55	16.30	13.69	15.08
18	17.84	15.91	16.82	16.74	13.72	15.47	17.10	14.44	15.82	17.05	13.93	15.66
19	17.57	15.74	16.73	16.95	14.57	15.85	17.40	14.81	16.05	16.41	13.80	15.17
20	17.28	15.45	16.47	17.21	14.75	15.98	17.12	14.55	15.74	15.94	12.95	14.57
21	17.25	15.19	16.26	17.30	14.79	16.07	16.00	12.74	14.71	15.67	12.32	14.27
22	17.08	15.14	16.20	17.01	14.58	15.72	16.14	13.08	14.83	16.37	13.23	15.10
23	17.31	15.08	16.29	16.48	13.42	15.13	16.30	12.91	14.94	16.73	14.32	15.59
24	17.25	15.09	16.30	16.28	13.46	15.06	17.16	13.79	15.72	15.99	13.52	14.94
25	17.41	15.14	16.37	16.47	14.21	15.34	16.97	14.09	15.59	16.38	13.64	15.11
26	17.09	15.08	16.15	16.41	14.12	15.33	16.34	13.50	15.07	16.20	12.76	14.88
27	17.01	14.56	15.95	16.31	13.90	15.31	16.80	14.97	15.92	15.63	12.78	14.72
28	16.94	14.95	16.03	16.54	14.66	15.53	16.56	14.30	15.70	16.54	13.66	15.26
29	16.91	14.83	16.00	16.67	14.64	15.81	16.32	14.14	15.25	16.62	13.89	15.37
30	17.09	15.08	16.14	16.04	14.06	15.09	16.83	13.98	15.64	16.48	13.47	15.28
31	17.27	15.53	16.38	---	---	---	16.84	14.32	15.77	16.85	14.09	15.46
MONTH	18.60	14.56	16.58	17.62	13.42	15.87	17.40	12.74	15.60	17.08	12.32	15.23

COOPER RIVER BASIN

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC--Continued

Gage height, feet
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	16.85	13.97	15.48	17.25	14.60	16.11	16.75	14.23	15.51	17.22	14.68	15.96
2	16.63	13.90	15.41	17.25	15.15	16.30	16.54	13.46	15.16	17.22	15.04	16.04
3	16.48	13.74	15.22	17.46	15.03	16.26	16.17	13.37	14.90	17.25	14.68	15.95
4	16.33	13.52	15.00	17.41	15.19	16.27	16.67	13.59	15.03	17.42	15.31	16.24
5	15.76	12.98	14.54	17.18	14.79	16.06	16.81	14.13	15.36	17.59	15.54	16.64
6	15.92	13.40	14.89	16.95	14.19	15.54	16.66	14.50	15.56	17.52	14.70	16.03
7	16.10	13.73	15.02	16.43	14.24	15.49	17.20	15.43	16.35	16.80	14.28	15.48
8	15.71	13.40	14.73	16.64	14.86	15.85	16.88	15.37	16.02	16.63	14.44	15.49
9	15.84	13.94	14.93	16.99	15.19	16.01	17.41	15.85	16.58	16.26	14.14	15.36
10	16.03	13.44	15.04	16.83	15.36	16.00	17.46	15.40	16.71	16.69	14.34	15.64
11	15.84	13.44	14.78	17.01	14.86	16.12	17.44	15.49	16.60	16.44	14.03	15.42
12	15.76	13.55	14.55	16.51	14.59	15.63	17.41	15.75	16.61	16.45	13.35	15.18
13	15.85	12.97	14.70	16.51	14.67	15.73	17.37	15.52	16.48	16.95	13.69	15.35
14	15.83	13.25	14.62	16.81	14.68	15.91	17.41	15.24	16.37	17.49	14.01	15.74
15	16.08	13.57	14.97	17.47	15.35	16.49	17.50	14.93	16.27	17.54	14.45	16.01
16	16.88	13.39	15.48	17.51	15.33	16.39	17.78	15.08	16.29	17.34	14.49	15.99
17	17.12	14.34	15.83	17.51	15.08	16.33	17.89	15.22	16.58	17.41	14.64	16.08
18	16.70	14.21	15.53	17.64	15.45	16.65	17.91	15.68	16.83	17.59	15.62	16.59
19	16.83	14.20	15.69	17.77	15.65	16.85	17.89	15.34	16.73	17.74	15.40	16.50
20	16.95	14.45	15.81	18.30	16.16	17.37	17.81	15.56	16.75	17.60	15.59	16.52
21	17.00	14.84	16.07	18.53	16.43	17.55	17.74	15.95	16.79	17.38	15.10	16.15
22	17.27	15.55	16.46	18.21	15.68	17.02	17.65	15.34	16.59	16.93	14.88	16.03
23	17.19	13.73	15.53	17.47	15.38	16.40	17.04	15.42	16.28	17.04	14.92	16.08
24	16.22	13.55	15.19	17.36	15.31	16.33	17.30	15.40	16.32	17.02	15.00	16.08
25	16.18	13.76	15.26	17.20	15.23	16.33	17.27	15.66	16.46	17.19	14.87	16.11
26	16.91	14.38	15.89	16.97	15.04	16.07	17.22	15.32	16.32	16.86	14.56	15.91
27	17.43	14.74	16.22	17.08	14.89	16.19	17.46	15.02	16.26	16.95	14.28	15.72
28	16.69	14.38	15.61	17.50	15.49	16.63	17.52	15.28	16.48	17.33	14.55	15.81
29	---	---	---	17.36	15.60	16.46	17.25	15.12	16.29	16.98	14.31	15.69
30	---	---	---	---	---	---	17.21	15.06	16.13	17.27	14.18	15.59
31	---	---	---	16.92	14.59	15.73	---	---	---	16.88	14.40	15.69
MONTH	17.43	12.97	15.30	---	---	---	17.91	13.37	16.22	17.74	13.35	15.91

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	16.76	14.06	15.26	17.22	13.97	15.55	16.83	14.38	15.57	16.68	14.09	15.63
2	16.99	14.52	15.58	17.23	14.92	15.98	16.93	14.37	15.85	16.64	13.92	15.56
3	17.11	14.64	15.91	16.71	13.84	15.26	16.91	14.47	15.79	16.75	13.81	15.55
4	17.17	15.02	15.89	16.37	13.92	15.31	16.66	13.87	15.61	16.92	13.92	15.66
5	16.69	14.23	15.30	16.52	14.19	15.49	16.72	14.01	15.54	17.37	14.15	15.92
6	16.62	14.26	15.59	16.61	13.98	15.50	16.81	13.95	15.55	17.80	15.42	16.60
7	16.84	14.77	15.80	16.35	13.66	15.31	16.92	13.72	15.45	17.85	15.54	16.69
8	16.60	14.06	15.59	16.81	13.59	15.38	17.29	14.46	15.73	18.18	15.87	16.90
9	16.77	14.17	15.64	16.75	13.41	15.25	17.22	13.79	15.66	18.16	16.49	17.26
10	17.17	14.48	15.89	17.06	13.43	15.43	16.92	13.29	15.28	17.97	16.18	17.13
11	17.29	14.43	15.94	17.26	13.50	15.46	16.82	13.88	15.37	18.03	16.40	17.18
12	17.52	14.56	16.01	17.24	13.19	15.38	16.98	13.89	15.41	18.03	16.40	17.19
13	17.29	14.07	15.81	17.17	13.69	15.47	16.94	14.46	15.62	17.73	15.94	16.68
14	17.21	14.39	15.75	16.95	13.94	15.51	16.99	14.72	15.82	17.26	15.31	16.41
15	17.17	14.46	15.80	16.89	14.35	15.51	16.82	14.49	15.74	17.14	15.27	16.30
16	17.36	14.59	15.84	16.87	14.46	15.63	16.62	14.25	15.57	17.05	15.07	16.26
17	17.56	15.21	16.30	16.88	14.37	15.56	16.41	13.98	15.40	17.29	15.43	16.47
18	17.50	15.57	16.58	16.62	14.26	15.49	16.14	13.48	15.15	17.12	15.19	16.27
19	17.70	15.45	16.64	16.72	14.47	15.66	16.36	13.80	15.35	16.60	14.36	15.63
20	17.19	15.25	16.19	16.42	14.23	15.57	16.67	14.12	15.57	16.94	14.19	15.60
21	17.46	15.70	16.66	16.69	14.08	15.58	16.74	14.07	15.57	17.34	14.74	16.04
22	17.30	15.37	16.38	16.35	13.57	15.23	16.52	13.84	15.37	17.70	15.14	16.43
23	17.08	14.76	16.06	16.13	12.85	14.82	16.52	13.51	15.14	17.48	15.07	16.39
24	16.94	14.37	15.84	16.68	13.66	15.25	16.77	13.38	15.17	17.62	15.51	16.50
25	16.93	14.39	15.72	16.96	13.72	15.38	17.23	14.24	15.75	17.87	15.81	16.76
26	17.14	14.23	15.61	17.23	14.42	15.76	17.29	14.49	15.87	17.82	16.00	16.93
27	17.03	13.79	15.48	17.25	14.19	15.79	17.23	14.33	15.77	17.80	16.01	16.97
28	17.11	14.14	15.61	17.08	13.86	15.57	17.06	14.45	15.72	17.79	15.91	16.93
29	17.02	13.75	15.53	16.95	14.19	15.50	17.01	14.60	15.75	17.52	15.51	16.68
30	17.00	14.03	15.46	16.89	14.23	15.52	17.03	14.65	15.92	17.46	15.40	16.60
31	---	---	---	16.89	14.43	15.51	16.91	14.45	15.79	---	---	---
MONTH	17.70	13.75	15.86	17.26	12.85	15.47	17.29	13.29	15.58	18.18	13.81	16.44

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.--USGS mini-monitor and data collection platform.

REMARKS.--Specific conductance records rated excellent except for Apr. 3 to July 18, which are good. Temperature records rated good except for Nov. 22 to Dec. 17 and Jan. 15 to May 1, which are fair, and May 2 to June 11, which are poor.

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, 314 microsiemens, Oct. 7; minimum, 49 microsiemens, July 28.

WATER TEMPERATURE: Maximum, 30.1°C, Aug. 28, 29, 31; minimum, 5.3°C, Jan. 25.

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	158	153	156	159	148	153	147	143	145	149	126	134
2	160	153	156	162	149	154	155	144	148	142	123	131
3	160	155	158	188	151	159	187	145	155	144	119	129
4	176	156	160	228	153	174	236	149	180	134	116	128
5	178	157	166	220	152	177	216	156	174	135	124	130
6	205	160	173	174	150	165	192	150	167	136	125	131
7	314	173	212	175	149	158	181	146	158	135	127	131
8	294	172	216	153	145	149	155	145	149	137	131	133
9	298	173	222	162	140	150	156	144	149	137	131	133
10	233	164	187	156	144	149	172	144	152	136	131	133
11	185	154	167	149	142	146	158	143	149	138	133	135
12	166	134	154	147	140	144	149	142	145	137	134	135
13	144	121	138	147	137	142	147	140	144	137	134	135
14	136	117	129	145	130	140	143	134	139	142	134	137
15	137	121	131	143	132	139	143	129	138	143	136	138
16	141	121	132	142	131	136	142	134	138	145	135	139
17	142	122	130	139	128	134	146	135	138	147	136	140
18	147	127	138	138	119	128	151	135	141	139	134	137
19	151	134	144	138	121	132	156	138	144	138	132	136
20	150	138	145	138	128	133	177	139	150	136	133	134
21	152	143	148	138	129	135	148	138	141	144	133	136
22	153	147	150	142	130	135	150	138	141	224	136	163
23	154	149	151	142	129	136	142	138	140	174	140	153
24	154	149	151	141	134	138	148	138	142	147	132	135
25	154	149	151	143	139	140	145	111	130	136	129	133
26	155	150	152	143	140	142	129	104	119	145	130	137
27	157	150	153	143	141	142	130	107	122	167	133	145
28	156	147	152	144	141	143	131	113	124	182	133	151
29	153	147	148	145	143	144	129	115	124	179	135	149
30	159	147	151	145	142	144	131	121	126	172	132	147
31	158	147	152	---	---	---	142	125	131	141	131	137
MONTH	314	117	157	228	119	145	236	104	143	224	116	138

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 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	152	130	138	146	128	133	111	101	106	103	84	91
2	142	128	134	148	123	131	115	99	106	96	89	92
3	137	128	132	125	117	122	116	98	105	96	87	91
4	136	128	132	120	113	117	117	101	106	94	87	90
5	133	128	130	120	113	117	111	100	104	94	86	91
6	134	128	131	124	113	118	112	101	104	92	85	89
7	132	126	129	125	116	120	107	100	103	94	83	88
8	132	126	127	123	114	118	109	95	103	92	83	87
9	130	125	127	120	111	116	108	92	99	94	85	88
10	131	125	127	119	111	115	102	77	91	94	80	86
11	130	122	127	121	109	116	93	77	89	100	81	88
12	130	125	127	122	114	118	89	77	84	93	83	87
13	131	125	128	124	116	119	90	81	85	99	82	88
14	147	125	132	122	115	119	93	81	86	107	83	91
15	182	130	146	125	117	120	96	82	87	114	83	95
16	218	132	167	137	118	123	94	83	88	114	85	100
17	247	140	179	133	114	121	93	87	89	135	84	103
18	183	133	154	136	116	122	97	89	92	170	85	127
19	213	135	164	126	117	120	107	89	96	175	82	117
20	159	128	144	121	94	112	104	89	95	141	82	107
21	173	128	146	106	67	89	109	88	97	116	78	95
22	153	127	135	116	73	94	102	88	94	105	77	89
23	140	124	134	115	87	100	101	87	93	89	77	83
24	140	123	130	103	89	95	99	88	92	83	77	80
25	138	125	131	102	90	97	98	85	90	80	76	78
26	139	125	130	107	97	102	93	84	87	81	72	77
27	136	126	131	110	100	102	92	84	87	82	75	78
28	134	126	131	107	102	104	90	84	87	80	75	77
29	---	---	---	109	102	106	94	84	87	82	74	77
30	---	---	---	---	---	---	95	83	88	79	74	76
31	---	---	---	111	103	107	---	---	---	77	73	75
MONTH	247	122	137	---	---	---	117	77	94	175	72	90

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	76	72	75	78	73	75	76	69	72	128	82	98
2	77	71	74	78	72	75	75	62	70	129	82	100
3	76	71	74	84	70	76	79	67	72	117	83	99
4	76	71	73	81	72	75	79	67	73	112	82	97
5	81	71	76	81	71	74	72	51	68	103	78	91
6	81	72	76	82	70	74	74	54	65	97	63	81
7	81	73	76	82	69	73	74	60	68	96	62	74
8	85	72	76	80	71	74	76	67	72	86	64	74
9	80	73	76	81	71	75	77	71	73	77	55	67
10	78	73	75	82	74	77	80	72	75	72	53	63
11	80	73	76	84	73	77	79	72	76	75	59	66
12	78	73	76	82	73	77	81	73	77	75	65	69
13	83	75	78	89	73	78	85	73	80	74	67	70
14	83	77	80	89	74	81	85	73	79	77	70	73
15	89	77	82	96	74	85	83	74	79	79	72	74
16	96	74	84	111	75	91	82	74	78	81	71	76
17	83	74	77	86	73	81	85	74	80	82	51	77
18	79	70	75	85	73	78	88	76	80	84	72	77
19	77	67	71	83	73	77	84	74	79	83	71	76
20	80	66	73	88	73	78	88	74	79	80	74	76
21	78	66	71	82	70	75	86	74	78	95	74	79
22	83	65	74	81	69	74	89	72	79	92	76	84
23	81	63	71	86	68	74	89	76	80	91	73	84
24	77	63	69	78	70	73	116	75	84	138	76	89
25	75	66	71	75	66	70	112	79	95	183	89	121
26	77	68	73	71	58	61	110	78	94	240	88	143
27	80	70	74	67	54	60	98	75	88	241	93	140
28	79	71	74	69	49	61	98	76	88	213	91	139
29	82	71	75	72	63	67	106	77	88	230	91	141
30	81	72	75	74	65	70	111	77	92	185	85	129
31	---	---	---	75	67	71	129	79	95	---	---	---
MONTH	96	63	75	111	49	74	129	51	79	241	51	91

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	26.0	25.6	25.8	20.4	19.8	20.1	12.9	12.3	12.7	11.0	9.9	10.4
2	26.2	25.4	25.8	19.9	19.3	19.6	12.6	11.9	12.3	10.9	9.5	10.2
3	26.6	25.6	26.1	19.4	18.9	19.2	12.4	11.6	12.1	9.9	9.2	9.6
4	26.9	25.9	26.4	19.1	18.6	18.8	12.6	11.2	11.7	9.5	8.2	8.7
5	27.2	26.1	26.6	18.7	18.2	18.5	11.2	10.4	10.7	9.6	7.8	8.5
6	27.4	26.3	26.9	18.8	17.7	18.3	10.7	9.8	10.3	8.8	7.7	8.2
7	27.5	26.7	27.1	18.0	16.5	17.4	10.7	9.4	10.2	9.5	7.3	8.4
8	27.1	26.0	26.6	17.3	16.2	17.0	10.3	9.5	10.1	8.8	7.2	8.1
9	26.1	25.3	25.6	17.2	15.7	16.7	10.3	9.8	10.1	9.0	8.1	8.5
10	25.4	24.8	25.1	17.2	16.4	16.9	10.1	9.7	9.9	10.1	9.0	9.7
11	25.2	24.7	25.0	17.6	16.9	17.4	9.9	9.5	9.8	10.0	9.4	9.7
12	24.7	23.9	24.4	17.7	17.4	17.6	9.9	9.4	9.7	9.4	8.8	9.2
13	24.7	23.6	24.3	17.6	16.8	17.3	10.3	9.7	10.0	8.9	8.6	8.7
14	24.1	23.1	23.6	16.8	16.2	16.4	10.4	9.8	10.2	9.1	8.4	8.7
15	23.1	21.8	22.4	16.3	15.5	16.0	10.0	9.5	9.7	8.8	8.2	8.5
16	22.1	20.8	21.5	16.2	15.5	15.9	10.0	9.1	9.6	8.6	7.8	8.2
17	21.5	20.1	20.8	16.1	15.2	15.7	10.1	9.3	9.7	8.5	8.0	8.3
18	21.6	19.9	20.9	15.2	13.9	14.4	10.2	9.7	9.9	8.0	7.4	7.7
19	21.4	20.0	20.8	14.7	13.4	14.2	10.6	10.0	10.3	7.5	6.8	7.3
20	21.5	20.0	21.0	15.0	13.2	14.3	11.4	10.4	11.0	7.8	6.6	7.3
21	21.4	20.6	21.2	15.0	14.2	14.7	11.1	10.5	10.9	8.5	7.5	7.9
22	21.3	20.6	20.9	15.6	14.0	14.8	10.9	10.2	10.6	8.5	8.1	8.3
23	20.6	20.0	20.4	15.3	13.6	14.7	10.9	10.2	10.6	8.2	6.5	7.6
24	20.4	19.9	20.1	14.9	13.1	14.3	11.0	10.5	10.8	6.6	5.5	5.9
25	20.1	19.5	19.9	14.9	13.4	14.2	11.5	10.7	11.0	5.7	5.3	5.4
26	20.1	19.6	19.9	15.0	13.8	14.4	10.8	9.4	10.1	6.1	5.5	5.8
27	20.3	19.6	20.0	14.3	13.3	13.8	9.7	9.0	9.5	6.2	5.8	6.0
28	21.0	20.2	20.6	14.5	13.2	14.1	9.4	8.6	9.2	6.5	5.7	6.0
29	21.4	21.0	21.2	13.7	13.0	13.5	9.4	8.6	9.1	7.2	5.8	6.4
30	21.5	21.2	21.3	13.2	12.8	13.0	9.7	8.8	9.3	7.5	6.7	7.0
31	21.2	20.4	20.7	---	---	---	10.0	9.3	9.6	7.2	6.7	7.1
MONTH	27.5	19.5	23.0	20.4	12.8	16.1	12.9	8.6	10.3	11.0	5.3	8.0

Temperature, water, degrees Celsius												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	7.7	6.6	7.1	10.8	10.1	10.3	16.3	14.9	15.5	22.8	21.0	21.7
2	8.1	7.1	7.5	12.0	10.3	11.1	17.1	15.1	15.9	22.4	20.6	21.4
3	8.6	7.5	8.0	12.7	11.2	11.8	18.0	16.1	16.8	22.4	20.9	21.4
4	9.5	8.3	8.9	12.6	11.5	11.9	18.3	16.9	17.4	22.2	21.2	21.6
5	9.4	8.6	9.1	13.8	11.7	12.6	19.4	17.4	18.1	22.2	21.2	21.8
6	9.3	8.3	8.9	14.5	12.5	13.4	18.9	17.6	18.3	23.1	21.2	22.0
7	8.6	7.8	8.1	14.4	12.4	13.2	18.6	17.2	18.0	23.4	21.5	22.2
8	7.9	7.4	7.7	13.9	12.0	12.7	18.5	16.3	17.3	23.2	21.9	22.6
9	8.4	7.8	8.1	13.9	12.3	13.0	17.1	15.6	16.0	24.3	22.7	23.5
10	8.7	8.1	8.4	14.4	12.5	13.3	15.8	14.0	15.0	25.1	22.8	23.7
11	8.9	8.1	8.4	15.2	12.7	13.6	14.6	13.3	14.3	26.1	23.6	24.6
12	9.2	8.2	8.6	16.2	13.4	14.6	15.3	13.3	14.4	---	---	---
13	9.5	8.6	8.9	16.2	13.8	14.5	17.1	14.8	15.9	---	---	---
14	9.2	8.7	8.9	15.5	13.2	14.1	18.6	16.4	17.3	---	---	---
15	10.7	8.7	9.5	14.1	12.5	13.2	19.9	17.3	18.3	---	---	---
16	10.1	9.5	9.8	14.5	12.5	13.3	20.2	17.9	18.7	---	---	---
17	9.6	8.6	9.3	14.5	13.1	13.8	20.6	18.0	19.0	---	---	---
18	8.8	8.2	8.6	15.2	13.8	14.4	20.6	18.3	19.1	---	---	---
19	9.2	8.1	8.7	15.7	14.5	15.0	20.0	17.8	18.9	---	---	---
20	9.6	8.7	9.1	16.6	14.9	15.6	19.7	17.6	18.4	---	---	---
21	10.1	9.3	9.7	18.4	15.5	17.2	19.9	17.9	18.7	---	---	---
22	11.9	9.6	10.5	18.8	16.6	17.7	20.9	18.8	19.7	---	---	---
23	12.7	10.6	11.8	18.0	16.9	17.5	20.9	19.1	19.8	---	---	---
24	12.5	10.6	11.3	18.1	16.6	17.4	20.7	19.1	19.8	---	---	---
25	12.7	11.0	11.7	18.2	16.4	17.3	20.3	19.4	19.8	---	---	---
26	12.4	11.2	11.6	18.8	16.2	17.4	19.9	18.8	19.3	---	---	---
27	11.7	10.7	11.1	18.6	16.5	17.4	20.9	19.0	19.7	---	---	---
28	11.2	9.8	10.5	17.9	15.9	16.9	21.5	19.7	20.3	---	---	---
29	---	---	---	19.7	16.4	17.6	22.5	20.3	21.1	---	---	---
30	---	---	---	---	---	---	23.1	20.8	21.5	---	---	---
31	---	---	---	16.8	15.1	15.9	---	---	---	---	---	---
MONTH	12.7	6.6	9.3	---	---	---	23.1	13.3	18.1	---	---	---

COOPER RIVER BASIN

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC--Continued

Temperature, water, degrees Celsius
 WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	27.5	26.9	27.2	28.5	27.6	28.1	30.0	29.0	29.5
2	---	---	---	27.0	26.5	26.8	28.7	26.6	27.6	29.6	28.8	29.2
3	---	---	---	27.2	26.3	26.8	28.5	26.6	27.6	29.4	28.6	29.0
4	---	---	---	27.5	26.9	27.2	28.4	26.8	27.7	29.5	28.5	28.9
5	---	---	---	27.6	27.1	27.4	27.9	25.8	26.9	28.8	28.0	28.4
6	---	---	---	27.6	26.8	27.2	28.0	25.9	27.1	28.2	25.0	26.5
7	---	---	---	27.9	27.1	27.4	28.3	26.6	27.5	26.4	23.3	24.6
8	---	---	---	28.0	27.0	27.5	28.5	27.2	27.9	25.4	23.4	24.4
9	---	---	---	28.9	27.4	28.2	28.7	27.6	28.2	25.2	23.1	24.2
10	---	---	---	29.1	28.2	28.6	28.9	27.8	28.5	25.2	23.2	24.0
11	---	---	---	29.4	28.0	28.6	29.1	28.1	28.6	24.5	23.2	23.9
12	27.3	26.0	26.7	29.4	28.4	28.8	29.2	28.1	28.6	24.4	23.2	23.8
13	26.9	25.9	26.4	28.7	28.2	28.4	29.0	28.4	28.7	24.7	22.7	23.8
14	26.9	25.8	26.3	28.4	27.7	28.0	29.1	27.8	28.5	25.1	23.6	24.5
15	27.2	25.9	26.5	28.3	27.5	27.9	29.7	28.3	29.0	25.6	24.2	24.9
16	27.4	26.0	26.9	28.8	27.7	28.2	29.4	28.6	29.0	25.8	24.6	25.2
17	26.3	25.6	26.0	29.1	28.2	28.6	29.2	28.1	28.7	25.5	24.4	24.9
18	26.1	25.5	25.8	29.2	28.3	28.7	29.2	28.2	28.7	24.8	23.8	24.1
19	26.6	25.0	25.6	28.8	28.2	28.4	29.2	28.3	28.7	24.4	23.5	24.0
20	27.0	25.6	26.4	28.4	27.7	28.1	29.0	28.3	28.7	25.1	24.0	24.4
21	26.7	25.8	26.2	28.8	27.5	28.1	29.0	28.5	28.7	25.4	24.4	24.9
22	26.7	25.4	26.0	28.7	27.8	28.1	28.8	28.1	28.4	25.6	24.6	25.1
23	26.6	25.3	25.9	28.1	27.2	27.7	28.9	28.0	28.4	25.6	24.6	25.0
24	27.2	25.8	26.3	27.3	25.9	26.7	29.1	28.2	28.7	25.3	24.2	24.8
25	27.4	26.1	26.8	26.8	25.4	26.1	29.2	28.4	28.8	25.5	24.3	24.9
26	28.1	26.6	27.4	26.5	24.1	25.2	29.7	28.4	29.0	25.2	24.6	24.9
27	28.6	27.2	27.7	26.7	24.5	25.4	30.0	28.7	29.3	25.3	24.5	24.9
28	28.4	27.3	27.7	27.1	24.8	25.9	30.1	29.0	29.5	25.6	24.5	25.0
29	28.3	27.4	27.6	27.9	26.0	26.9	30.1	29.1	29.5	24.7	23.8	24.2
30	28.0	26.9	27.4	28.6	27.1	27.8	30.0	29.1	29.5	24.0	22.8	23.3
31	---	---	---	29.0	27.8	28.3	30.1	29.0	29.5	---	---	---
MONTH	---	---	---	29.4	24.1	27.6	30.1	25.8	28.5	30.0	22.7	25.3

COOPER RIVER BASIN

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, 19.24 ft, Oct. 15; minimum gage height, 11.49 ft, Jan. 21.

Gage height, feet												
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	18.52	14.89	16.76	18.16	14.67	16.60	17.24	12.06	15.26	18.04	13.33	15.86
2	18.32	14.28	16.52	18.19	14.40	16.51	17.94	13.06	15.82	17.75	12.89	15.65
3	18.21	13.90	16.38	18.13	14.05	16.37	17.71	12.94	15.68	17.86	13.35	15.66
4	18.27	13.82	16.31	18.18	13.80	16.31	18.40	13.56	16.25	17.85	12.46	15.62
5	18.30	13.76	16.31	18.58	13.84	16.53	18.42	13.96	16.23	17.94	14.05	16.03
6	18.23	13.78	16.27	18.36	13.33	16.05	18.07	13.33	15.84	17.67	13.51	15.54
7	18.38	14.08	16.51	18.23	12.93	15.87	17.80	13.57	15.76	17.17	13.04	15.18
8	18.61	14.51	16.77	18.31	14.16	16.26	17.63	13.53	15.63	16.77	12.80	14.94
9	18.81	14.95	16.99	17.96	13.90	16.06	17.68	13.47	15.74	16.50	12.78	14.97
10	18.83	14.92	17.09	17.74	13.90	15.90	17.95	14.81	16.41	16.38	13.25	14.90
11	18.86	15.47	17.26	17.28	13.75	15.63	17.78	13.95	16.27	16.54	13.66	15.29
12	18.62	14.90	16.79	17.29	14.16	15.65	16.74	13.81	15.39	16.77	13.62	15.42
13	18.37	14.99	16.79	17.19	13.94	15.68	17.29	14.20	16.09	17.13	13.44	15.42
14	18.75	15.53	17.24	17.64	14.64	16.33	16.96	12.95	15.07	16.93	13.44	15.43
15	19.24	16.46	17.88	17.90	15.01	16.66	16.82	12.87	15.40	16.88	13.50	15.29
16	18.68	15.88	17.47	17.87	14.97	16.54	17.05	13.81	15.40	17.45	13.30	15.62
17	18.45	15.17	16.91	17.82	14.10	16.03	17.32	13.23	15.73	---	---	---
18	18.44	15.08	16.79	17.34	12.72	15.48	17.87	13.76	16.06	17.78	12.83	15.71
19	18.03	14.96	16.68	17.83	13.81	15.92	18.14	14.16	16.19	17.09	12.66	15.04
20	17.94	14.72	16.48	17.87	13.81	16.04	17.91	13.79	15.67	16.87	11.96	14.55
21	17.84	14.34	16.28	18.03	14.08	16.18	16.98	11.87	14.74	---	---	---
22	17.82	14.36	16.28	17.73	13.64	15.68	17.11	12.35	14.88	---	---	---
23	18.09	14.43	16.37	17.42	12.82	15.20	17.30	12.19	15.01	---	---	---
24	18.08	14.57	16.40	17.21	12.95	15.20	18.04	13.17	15.84	16.76	12.55	14.86
25	18.16	14.45	16.46	17.31	13.35	15.35	17.49	12.68	15.27	17.00	12.91	15.16
26	17.84	14.59	16.22	17.29	13.30	15.40	17.18	12.41	15.05	17.20	12.13	15.06
27	17.82	14.13	16.08	17.17	13.19	15.36	17.47	14.08	15.87	16.63	12.66	14.85
28	17.76	14.39	16.14	17.39	13.75	15.64	17.24	13.41	15.65	17.30	12.89	15.44
29	17.74	14.25	16.08	17.38	13.30	15.85	17.17	12.92	15.29	17.35	13.02	15.44
30	17.74	14.51	16.25	16.82	12.33	15.05	17.64	12.92	15.77	17.40	12.52	15.41
31	18.04	14.70	16.49	---	---	---	17.71	13.27	15.86	17.64	12.93	15.51
MONTH	19.24	13.76	16.62	18.58	12.33	15.91	18.42	11.87	15.65	---	---	---

COOPER RIVER BASIN

02172050 COOPER RIVER NEAR GOOSE CREEK, SC--Continued

Gage height, feet
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	17.60	13.04	15.56	17.75	13.73	16.14	17.26	13.35	15.49	17.91	14.02	15.99
2	17.56	12.95	15.46	17.88	14.20	16.18	16.97	12.55	15.01	17.98	14.28	16.09
3	17.36	12.91	15.25	18.01	13.87	16.08	16.77	12.47	14.82	17.92	13.74	15.93
4	17.23	12.57	15.00	17.87	14.26	16.13	17.42	12.87	15.00	18.41	14.64	16.33
5	16.59	12.48	14.64	17.73	13.66	15.89	17.42	13.33	15.36	18.43	14.80	16.68
6	16.84	12.99	15.04	17.44	13.07	15.38	17.68	13.93	15.64	18.26	13.92	15.99
7	16.93	12.68	15.02	17.10	13.63	15.42	17.95	14.47	16.27	17.33	13.63	15.46
8	16.39	12.88	14.82	17.27	14.09	15.78	17.36	14.72	15.94	17.36	13.80	15.48
9	16.55	13.61	15.09	17.50	14.49	15.97	18.07	15.19	16.50	16.97	13.64	15.36
10	16.71	13.13	15.07	17.36	14.76	16.01	17.95	14.60	16.59	17.28	13.47	15.56
11	16.57	13.13	14.94	17.51	14.22	16.06	17.79	15.34	16.55	17.05	13.26	15.46
12	16.33	12.61	14.66	17.04	13.94	15.59	17.96	14.78	16.55	17.10	12.60	15.28
13	16.63	12.50	14.85	17.13	14.06	15.74	17.82	14.65	16.42	17.63	12.76	15.54
14	16.60	12.60	14.81	17.23	14.06	15.99	18.06	14.22	16.33	18.35	13.06	15.88
15	17.00	12.70	15.10	17.99	14.83	16.56	18.20	13.76	16.20	18.45	13.36	16.10
16	17.72	12.38	15.70	17.98	14.41	16.34	18.55	13.84	16.27	18.39	13.40	16.01
17	17.90	13.28	15.88	18.06	13.93	16.29	18.99	14.15	16.55	18.67	13.67	16.11
18	17.57	13.12	15.52	18.38	14.23	16.59	18.88	14.46	16.78	18.67	14.66	16.66
19	17.74	13.16	15.71	18.64	14.54	16.73	18.80	14.28	16.60	18.75	14.44	16.53
20	17.77	13.38	15.78	18.89	15.16	17.16	18.69	14.52	16.68	18.51	14.78	16.56
21	17.79	13.97	16.11	18.96	14.81	16.98	18.58	14.92	16.75	18.16	14.23	16.12
22	18.07	14.35	16.41	18.67	14.26	16.53	18.41	14.44	16.44	17.66	14.12	16.04
23	17.75	12.55	15.15	17.97	14.24	16.12	17.66	14.64	16.32	17.67	14.18	16.01
24	17.01	12.70	15.14	18.01	14.40	16.17	17.82	14.66	16.30	17.43	14.37	16.15
25	16.96	13.43	15.25	17.86	14.41	16.23	17.80	14.76	16.50	17.71	14.27	16.21
26	17.48	13.71	15.98	17.56	14.24	16.00	17.68	14.47	16.29	17.38	13.95	15.96
27	18.03	13.99	16.22	17.60	14.40	16.29	18.01	14.35	16.30	17.57	13.70	15.82
28	17.49	13.48	15.64	18.01	14.87	16.67	18.06	14.47	16.46	18.00	13.94	16.00
29	---	---	---	17.79	14.70	16.32	17.88	14.06	16.21	17.67	13.47	15.77
30	---	---	---	---	---	---	17.86	13.98	16.02	18.01	13.47	15.73
31	---	---	---	17.46	13.73	15.66	---	---	---	17.71	13.80	15.75
MONTH	18.07	12.38	15.35	---	---	---	18.99	12.47	16.17	18.75	12.60	15.95

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	17.71	13.28	15.32	18.28	13.23	15.65	17.63	13.44	15.53	17.45	13.26	15.65
2	17.94	13.77	15.69	18.27	13.91	15.96	17.68	13.61	15.77	17.48	13.13	15.60
3	17.94	14.16	16.01	17.44	13.14	15.27	17.59	13.51	15.71	17.53	13.04	15.61
4	17.94	13.97	15.86	17.23	13.17	15.33	17.34	13.07	15.51	17.77	13.23	15.77
5	17.37	13.53	15.32	17.32	13.48	15.46	17.39	12.92	15.42	18.09	13.34	16.01
6	17.20	13.76	15.71	17.23	13.23	15.46	17.53	12.80	15.44	18.46	14.56	16.68
7	17.61	14.06	15.81	17.13	12.81	15.29	17.71	12.70	15.51	18.51	14.58	16.68
8	17.18	13.25	15.58	17.50	12.66	15.38	18.00	13.27	15.77	18.88	14.79	16.87
9	17.41	13.11	15.65	17.60	12.56	15.42	18.02	12.57	15.65	18.99	15.25	17.14
10	17.91	13.51	15.99	17.86	12.51	15.56	17.79	12.16	15.30	18.80	15.06	17.01
11	18.28	13.25	16.04	18.13	12.27	15.52	17.82	12.71	15.40	18.78	15.44	17.13
12	18.28	13.43	16.05	18.08	12.05	15.40	17.82	12.83	15.49	18.69	15.40	17.12
13	18.14	12.82	15.81	17.98	12.65	15.55	17.88	13.38	15.64	18.32	14.86	16.56
14	18.24	13.06	15.74	17.82	12.69	15.53	17.79	13.70	15.80	17.86	14.53	16.41
15	18.01	13.32	15.76	17.81	13.15	15.57	17.66	13.60	15.71	17.70	14.63	16.34
16	18.38	13.35	15.75	17.80	13.53	15.64	17.37	13.50	15.60	17.69	14.53	16.36
17	18.40	14.10	16.23	17.70	13.44	15.52	17.03	13.16	15.41	17.91	15.11	16.61
18	18.16	14.54	16.41	17.39	13.39	15.53	16.78	12.87	15.22	17.68	14.83	16.33
19	18.20	14.42	16.33	17.35	13.52	15.53	17.01	13.35	15.50	17.14	13.85	15.69
20	17.64	14.32	15.97	16.99	13.52	15.54	17.27	13.73	15.70	17.60	13.87	15.83
21	17.95	14.95	16.54	17.28	13.51	15.65	17.41	13.64	15.69	18.05	14.40	16.30
22	17.79	14.50	16.34	16.97	12.87	15.23	17.21	13.47	15.48	18.46	14.63	16.65
23	17.67	14.11	16.14	16.61	12.29	14.85	17.22	12.95	15.28	18.36	14.07	16.47
24	17.53	13.78	15.93	17.15	12.90	15.12	17.59	12.87	15.40	18.58	14.67	16.69
25	17.60	13.61	15.82	17.40	13.07	15.32	18.00	13.55	15.95	18.91	14.83	16.92
26	17.83	13.56	15.76	17.71	13.41	15.60	18.08	13.37	15.94	18.80	15.01	17.01
27	17.70	13.22	15.62	17.80	13.25	15.63	18.04	13.16	15.83	18.73	15.08	17.04
28	17.87	13.47	15.74	17.67	12.71	15.42	18.04	13.19	15.74	18.65	14.91	16.94
29	17.78	12.94	15.60	17.87	13.05	15.43	17.96	13.41	15.79	18.39	14.58	16.69
30	17.99	13.25	15.58	17.74	13.12	15.48	17.88	13.72	15.93	18.32	14.52	16.64
31	---	---	---	17.63	13.32	15.49	17.71	13.52	15.76	---	---	---
MONTH	18.40	12.82	15.87	18.28	12.05	15.46	18.08	12.16	15.61	18.99	13.04	16.49

COOPER RIVER BASIN

02172050 COOPER RIVER NEAR GOOSE CREEK, SC--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	257	155	207	340	147	226	134	110	121	125	93	103
2	244	159	200	378	154	243	133	109	118	137	95	114
3	228	155	189	290	136	173	125	109	116	139	94	113
4	209	154	183	187	133	152	127	108	117	150	96	118
5	187	151	170	162	128	144	129	97	117	249	95	144
6	181	151	171	143	127	132	133	105	119	198	93	123
7	188	146	170	132	128	130	185	100	129	117	89	100
8	160	143	151	135	127	131	148	100	121	106	89	98
9	161	142	152	136	127	132	135	106	116	102	90	96
10	171	145	157	134	127	130	129	96	109	104	88	95
11	185	141	162	134	125	130	118	91	104	109	88	96
12	244	150	178	139	124	132	112	89	100	123	89	105
13	332	148	219	219	126	144	105	84	95	191	91	117
14	306	154	241	195	128	157	115	87	98	379	94	174
15	380	166	274	498	133	232	136	89	105	507	105	245
16	748	200	408	476	140	283	249	91	126	508	102	261
17	967	305	618	384	139	249	321	99	173	525	109	272
18	737	205	454	385	139	250	447	109	234	801	135	406
19	---	---	---	395	139	259	490	109	245	782	142	402
20	---	---	---	400	128	241	405	107	217	653	125	351
21	---	---	---	241	99	138	346	108	211	474	109	263
22	---	---	---	113	87	97	308	99	176	284	94	186
23	---	---	---	115	88	96	168	100	134	200	87	138
24	---	---	---	109	94	98	168	101	132	134	86	110
25	181	141	160	116	96	102	157	100	125	118	86	102
26	288	142	191	118	104	108	129	95	110	113	85	98
27	314	142	196	128	107	114	122	95	106	108	85	96
28	256	141	191	185	112	137	130	95	111	124	84	99
29	---	---	---	147	108	124	120	93	106	125	83	100
30	---	---	---	---	---	---	115	93	101	124	82	100
31	---	---	---	127	102	116	---	---	---	124	80	98
MONTH	---	---	---	---	---	---	490	84	133	801	80	159

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	114	79	92	147	83	111	84	72	77	228	83	149
2	119	80	97	188	82	119	88	73	80	227	84	146
3	140	82	109	135	82	101	90	75	82	233	81	142
4	143	77	105	111	81	94	113	76	85	260	82	154
5	108	79	91	99	80	89	88	74	80	283	85	158
6	109	80	93	90	78	83	84	72	78	346	94	203
7	127	81	104	87	77	82	97	72	82	381	92	209
8	114	80	96	89	78	83	119	75	92	301	92	179
9	99	78	88	117	79	89	109	73	89	225	78	114
10	97	77	86	170	81	110	121	72	89	116	70	87
11	129	77	96	170	85	118	126	76	99	96	72	82
12	161	83	111	189	84	121	153	78	111	97	74	84
13	173	85	118	213	90	133	162	83	128	92	74	81
14	194	88	129	218	98	153	167	82	128	85	75	80
15	194	88	133	231	99	167	154	77	117	89	77	83
16	182	88	131	249	106	184	125	77	101	94	78	85
17	145	84	106	223	91	149	114	78	97	114	79	92
18	112	80	93	148	88	118	106	76	89	153	80	104
19	94	74	81	126	81	99	103	76	89	116	77	91
20	99	74	80	93	78	85	157	76	108	180	80	110
21	78	73	76	88	75	83	189	79	123	628	87	287
22	76	69	73	84	74	80	196	76	123	917	113	456
23	79	70	75	86	76	80	204	75	127	729	118	388
24	83	73	78	83	70	76	336	81	163	615	118	337
25	94	76	84	86	67	71	655	112	355	954	149	484
26	100	79	89	78	60	67	579	96	332	1090	167	576
27	120	79	91	65	59	62	464	93	240	1070	152	573
28	162	82	107	66	60	64	350	90	198	921	141	488
29	169	82	116	69	63	67	276	86	179	677	122	362
30	145	83	110	73	68	70	270	86	170	544	119	313
31	---	---	---	79	70	74	239	85	158	---	---	---
MONTH	194	69	98	249	59	99	655	72	131	1090	70	223

COOPER RIVER BASIN

02172050 COOPER RIVER NEAR GOOSE CREEK, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	26.6	25.4	26.3	20.8	19.9	20.4	12.8	12.2	12.5	10.9	9.8	10.3
2	26.6	26.0	26.2	20.2	19.5	19.8	12.6	12.0	12.2	11.0	10.7	10.8
3	26.7	26.1	26.3	19.7	19.1	19.4	12.4	11.8	12.1	11.1	10.4	10.7
4	26.9	26.3	26.6	19.4	18.6	19.0	12.3	11.1	11.8	10.7	9.7	10.2
5	27.2	26.5	26.9	19.0	18.3	18.6	11.7	10.4	11.0	10.6	9.4	10.0
6	27.5	26.8	27.2	19.2	18.6	18.8	10.9	10.1	10.5	10.5	9.5	9.9
7	27.9	27.1	27.5	18.8	18.2	18.4	10.7	10.1	10.4	10.0	9.0	9.6
8	27.8	26.8	27.2	18.6	17.6	18.1	10.6	10.1	10.3	9.6	8.5	9.0
9	27.2	25.2	26.5	18.5	17.5	18.0	10.6	10.1	10.3	9.6	8.8	9.2
10	26.4	25.3	25.9	18.5	17.6	18.0	10.6	9.8	10.2	10.1	9.3	9.7
11	25.9	25.2	25.6	18.6	17.9	18.3	10.5	9.8	10.0	10.0	9.7	9.8
12	25.5	24.8	25.2	18.8	18.3	18.5	10.1	9.9	10.0	9.9	8.9	9.5
13	25.2	24.7	25.0	18.5	17.8	18.2	10.4	10.0	10.2	9.6	8.7	9.1
14	24.9	23.8	24.5	17.9	17.1	17.6	10.5	10.0	10.3	9.2	8.6	8.8
15	23.9	22.7	23.4	17.5	16.8	17.1	10.2	9.8	10.0	8.9	8.6	8.7
16	22.9	21.8	22.4	17.3	16.7	17.0	10.0	9.7	9.8	9.0	8.4	8.7
17	21.8	21.5	21.7	17.1	15.9	16.6	10.2	9.8	10.0	9.0	8.4	8.6
18	21.6	21.1	21.3	15.9	15.0	15.5	10.5	9.8	10.2	8.4	7.7	8.0
19	21.4	20.9	21.2	15.5	14.9	15.2	10.9	10.1	10.5	7.8	7.0	7.4
20	21.6	21.1	21.3	15.4	14.9	15.2	11.6	10.7	11.2	7.6	6.8	7.2
21	21.6	21.3	21.5	15.5	15.0	15.2	11.5	10.9	11.3	8.4	7.4	7.9
22	21.5	21.1	21.3	15.6	15.0	15.3	11.6	10.4	11.1	8.6	8.2	8.4
23	21.3	20.7	21.0	15.3	14.6	15.0	11.7	10.6	11.2	8.6	6.6	7.9
24	21.0	20.5	20.7	15.3	14.2	14.7	11.9	10.8	11.4	7.0	5.1	6.0
25	20.8	20.2	20.5	15.1	14.2	14.6	11.6	10.7	11.3	6.1	4.8	5.5
26	20.6	20.2	20.4	15.1	14.4	14.7	10.9	9.8	10.5	6.1	5.2	5.7
27	21.0	20.2	20.5	15.1	14.4	14.7	10.6	9.5	10.0	6.0	5.5	5.8
28	21.3	20.6	20.9	14.7	13.6	14.3	9.9	9.1	9.5	6.1	5.5	5.8
29	21.6	21.0	21.3	14.0	12.9	13.5	9.5	9.0	9.3	6.4	5.6	6.0
30	21.9	21.3	21.5	13.2	12.5	12.8	9.6	9.1	9.3	7.1	6.3	6.7
31	21.5	20.6	21.1	---	---	---	9.9	9.3	9.6	7.2	6.8	7.1
MONTH	27.9	20.2	23.5	20.8	12.5	16.8	12.8	9.0	10.6	11.1	4.8	8.3

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	7.7	6.5	7.1	10.6	10.1	10.4	16.3	15.3	16.0	22.0	21.5	21.9
2	8.0	6.9	7.5	11.4	10.4	10.9	17.0	15.8	16.3	22.4	21.2	22.0
3	8.6	7.5	8.1	12.0	11.1	11.5	17.8	16.3	17.0	22.5	21.5	22.2
4	9.5	8.5	9.0	12.1	11.6	11.9	18.4	17.0	17.6	22.8	21.6	22.3
5	9.8	9.1	9.4	13.2	11.9	12.4	19.2	17.6	18.3	22.6	22.0	22.3
6	9.8	9.0	9.5	13.4	12.8	13.2	19.1	18.4	18.8	22.8	21.9	22.5
7	9.7	8.0	8.9	13.3	12.8	13.2	19.1	18.3	18.7	23.2	22.1	22.7
8	8.7	7.4	8.2	13.6	12.3	12.9	18.7	16.8	17.8	23.6	22.8	23.2
9	8.8	7.9	8.3	13.4	12.9	13.1	17.8	16.1	16.8	24.2	23.4	23.8
10	8.8	8.3	8.5	13.8	13.1	13.4	16.4	15.0	15.7	24.7	23.9	24.3
11	8.8	8.2	8.5	14.2	13.3	13.7	15.4	14.6	15.0	24.8	24.1	24.6
12	8.8	8.3	8.5	14.6	13.6	14.1	15.3	14.5	14.8	25.0	24.5	24.8
13	8.9	8.5	8.7	14.7	14.2	14.5	16.4	15.0	15.7	24.9	23.7	24.3
14	9.2	8.7	8.9	14.5	14.2	14.4	17.8	16.1	16.9	24.5	23.7	24.1
15	10.0	8.8	9.5	14.2	13.2	13.8	19.0	17.2	18.0	24.4	23.4	23.8
16	10.2	9.8	10.0	13.7	12.9	13.5	19.8	18.0	18.8	24.2	23.1	23.7
17	10.1	9.2	9.7	14.1	13.5	13.8	19.8	18.7	19.2	24.2	23.4	23.8
18	9.7	8.3	9.1	15.1	13.9	14.4	19.9	18.9	19.5	24.2	23.3	23.8
19	9.5	8.1	9.0	15.8	14.5	15.1	19.9	18.9	19.5	24.2	22.8	23.5
20	9.8	8.9	9.4	16.6	15.3	15.9	19.8	18.2	19.2	23.6	22.1	23.0
21	10.4	9.7	10.0	17.4	16.2	16.7	19.8	18.6	19.3	23.4	22.6	23.1
22	11.5	10.4	10.8	18.3	16.7	17.4	20.2	19.3	19.7	23.3	22.8	23.1
23	11.5	11.2	11.4	18.2	17.5	17.9	20.2	19.3	19.7	23.1	22.4	22.8
24	11.6	11.0	11.3	18.3	17.6	17.9	19.9	19.3	19.7	23.3	22.5	22.9
25	11.7	11.2	11.5	18.3	17.6	17.9	20.0	19.3	19.7	23.6	22.9	23.2
26	11.8	11.5	11.6	18.2	17.7	17.9	19.9	19.4	19.6	24.2	23.5	23.8
27	11.5	10.6	11.2	18.1	17.8	18.0	20.2	19.4	19.8	24.4	24.0	24.1
28	10.7	9.9	10.4	18.1	17.3	17.8	20.9	19.9	20.3	24.6	23.5	24.1
29	---	---	---	18.3	17.2	17.9	21.9	20.5	21.0	24.5	23.8	24.3
30	---	---	---	---	---	---	22.2	21.2	21.7	24.7	23.9	24.4
31	---	---	---	17.5	15.8	16.5	---	---	---	24.9	24.1	24.6
MONTH	11.8	6.5	9.4	---	---	---	22.2	14.5	18.3	25.0	21.2	23.5

COOPER RIVER BASIN

02172050 COOPER RIVER NEAR GOOSE CREEK, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	25.1	24.4	24.8	28.6	27.8	28.1	29.0	28.4	28.7	30.5	29.6	30.1
2	25.4	24.4	25.0	28.2	27.3	27.6	29.2	28.1	28.7	30.5	29.4	30.0
3	25.3	24.7	25.0	27.8	26.9	27.4	29.2	28.2	28.7	30.3	29.1	29.7
4	25.2	24.4	24.8	28.2	27.5	27.8	29.1	27.5	28.5	30.1	29.0	29.6
5	25.3	24.3	24.9	28.3	27.7	28.0	28.6	27.9	28.3	29.6	28.8	29.2
6	25.7	25.1	25.4	28.5	27.4	28.0	28.6	27.9	28.2	28.8	27.4	28.2
7	25.9	25.3	25.6	28.4	27.8	28.1	28.7	28.1	28.3	27.6	25.9	26.7
8	26.0	25.2	25.6	28.6	27.9	28.2	28.7	28.3	28.4	26.6	25.1	25.7
9	26.2	25.3	25.8	29.2	28.4	28.7	29.0	28.4	28.7	25.7	24.9	25.2
10	26.8	26.0	26.3	29.4	28.8	29.1	29.1	28.6	28.8	25.2	24.7	24.9
11	27.3	26.5	26.9	29.6	28.8	29.2	29.2	28.6	28.9	24.9	24.4	24.6
12	27.6	27.1	27.3	29.6	29.1	29.4	29.3	28.6	29.1	24.6	24.1	24.3
13	27.5	26.6	27.1	29.4	29.0	29.2	29.4	28.9	29.1	24.9	23.9	24.4
14	27.6	26.5	27.1	29.2	28.6	28.8	29.6	28.6	29.2	25.3	24.5	24.9
15	27.8	26.6	27.3	29.0	28.1	28.7	29.8	29.0	29.5	25.8	24.9	25.3
16	28.0	27.3	27.7	29.3	28.4	28.9	30.2	29.3	29.6	26.0	25.3	25.7
17	27.8	26.6	27.2	29.6	28.9	29.3	29.9	28.9	29.5	25.8	25.0	25.5
18	27.4	26.2	26.7	29.7	29.1	29.4	30.0	28.9	29.4	25.2	24.2	24.8
19	26.6	25.6	26.2	29.4	28.5	29.0	29.8	28.9	29.4	24.8	24.0	24.4
20	26.9	26.2	26.6	29.1	28.0	28.6	29.9	29.0	29.4	25.1	24.3	24.6
21	26.9	26.1	26.6	29.1	28.1	28.6	29.7	29.0	29.3	25.4	24.7	25.0
22	26.7	26.0	26.4	28.9	28.2	28.6	29.5	28.8	29.1	25.6	25.1	25.3
23	27.1	26.2	26.7	28.4	27.7	28.1	29.5	28.7	29.0	25.6	25.2	25.4
24	27.4	26.6	27.0	27.7	26.8	27.2	29.4	29.0	29.1	25.6	24.8	25.3
25	27.7	26.9	27.4	26.9	25.9	26.4	29.3	28.8	29.0	25.7	24.8	25.3
26	28.4	27.4	27.8	26.3	25.5	25.9	29.5	28.9	29.2	25.5	25.1	25.4
27	28.5	27.9	28.2	26.2	25.6	25.9	29.9	29.2	29.5	25.6	24.8	25.3
28	28.6	28.1	28.4	26.6	26.0	26.4	30.2	29.4	29.8	25.8	24.9	25.5
29	28.6	28.0	28.3	27.7	26.5	27.1	30.3	29.5	30.0	25.6	24.3	24.8
30	28.6	27.6	28.2	28.6	27.3	27.9	30.6	29.6	30.1	24.6	23.2	23.9
31	---	---	---	29.0	28.0	28.5	30.8	29.6	30.2	---	---	---
MONTH	28.6	24.3	26.6	29.7	25.5	28.1	30.8	27.5	29.1	30.5	23.2	26.0

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC

LOCATION.--Lat 32°59'00'', long 79°55'23'', Berkeley County, Hydrologic Unit 03050201, on right bank of Cooper River, 9.9 mi from confluence of East and West Branch Cooper River and at mile 19.4.

DRAINAGE AREA.--Indeterminate.

GAGE-HEIGHT RECORDS

PERIOD OF RECORD.--October 1983 to current year.

GAGE.--Data collection platform. Datum of gage is 6.38 feet below NGVD of 1929 (U.S. Army Corps of Engineers bench mark).

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, 13.24 ft, Sep. 22, 1989; minimum gage height, 1.75 ft, Mar. 13, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 11.49 ft, Apr. 18; minimum gage height, 2.84 ft, Jan. 21.

Gage height, feet
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	10.63	5.95	8.39	10.55	4.97	8.20	9.56	2.92	6.95	10.83	4.23	7.44
2	10.47	5.33	8.18	10.54	4.75	8.13	10.36	3.69	7.42	10.09	3.49	7.17
3	10.55	4.78	8.02	10.63	4.51	7.96	10.20	3.45	7.33	---	---	---
4	10.79	4.40	8.00	10.74	4.10	7.87	11.13	4.16	7.91	---	---	---
5	10.78	4.16	7.93	11.18	4.10	8.12	10.92	4.20	7.73	---	---	---
6	10.83	4.13	7.92	10.75	3.23	7.33	10.42	4.07	7.40	---	---	---
7	11.06	4.43	8.13	10.66	3.88	7.50	10.19	4.36	7.33	---	---	---
8	11.26	4.58	8.31	10.58	4.97	7.83	9.99	4.48	7.23	---	---	---
9	11.43	5.33	8.54	10.32	5.12	7.70	10.06	4.79	7.45	---	---	---
10	11.25	5.51	8.62	10.04	5.18	7.57	10.37	6.08	8.19	---	---	---
11	11.27	6.06	8.74	9.55	4.99	7.31	10.00	4.85	7.83	---	---	---
12	10.73	5.72	8.27	9.44	5.19	7.36	8.94	4.92	7.08	---	---	---
13	10.63	5.95	8.41	9.43	4.75	7.32	9.49	5.18	7.82	---	---	---
14	10.93	6.41	8.94	9.79	5.77	8.01	9.27	4.11	6.67	9.22	4.55	7.16
15	---	---	---	10.09	5.71	8.30	9.18	4.32	7.11	8.98	4.52	6.98
16	---	---	---	10.07	5.71	8.21	9.36	4.29	7.03	9.67	4.39	7.33
17	10.62	5.91	8.53	10.03	4.53	7.57	9.72	4.12	7.47	9.22	3.77	6.73
18	10.53	5.61	8.41	---	---	---	10.23	4.77	7.82	10.06	3.62	7.32
19	10.29	5.60	8.26	9.97	4.74	7.61	10.37	5.15	7.83	9.42	3.18	6.53
20	10.17	5.45	8.08	10.07	4.64	7.69	10.20	4.10	7.13	9.18	3.04	6.16
21	10.14	4.99	7.91	10.24	5.07	7.82	9.31	3.21	6.46	9.29	2.84	6.22
22	10.17	5.11	7.97	---	---	---	9.55	3.60	6.53	9.92	3.60	7.06
23	10.39	5.38	8.03	9.63	4.24	6.91	9.57	3.52	6.71	9.82	4.24	7.00
24	10.48	5.64	8.12	9.61	4.37	6.95	10.36	4.41	7.49	9.04	3.30	6.43
25	10.45	5.58	8.15	9.61	4.55	7.01	9.67	3.56	6.71	9.28	4.12	6.79
26	10.14	5.73	7.91	9.66	4.57	7.08	9.55	3.68	6.73	9.68	3.64	6.76
27	10.04	5.56	7.81	9.50	4.53	7.03	9.78	4.70	7.42	9.03	3.87	6.53
28	10.06	5.69	7.87	9.76	4.67	7.31	9.54	4.22	7.19	9.77	3.90	7.08
29	10.05	5.38	7.78	9.72	4.23	7.40	9.73	3.73	6.92	9.81	3.78	7.04
30	10.06	5.42	7.90	9.13	2.86	6.63	10.14	3.93	7.39	9.82	3.49	7.11
31	10.34	5.17	8.12	---	---	---	10.28	3.93	7.49	9.86	3.63	7.10
MONTH	---	---	---	---	---	---	11.13	2.92	7.28	---	---	---

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1983 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: June 1983 to current year.

pH: June 1983 to July 1993 (discontinued).

WATER TEMPERATURE: June 1983 to current year.

DISSOLVED OXYGEN: June 1983 to September 1993 (discontinued).

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

REMARKS.--Specific conductance records rated excellent except for Nov. 22 to Dec. 17, and June 24-26, which are good, and Apr. 10 to June 5, which are poor. Temperature records rated excellent except for Apr. 10 to May 20, which are fair, and May 20 to June 5, which are poor.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 37,500 microsiemens, May 9, 1995; minimum, 31 microsiemens, Apr. 23, May 5, 1996.

pH: Maximum, 8.3 units, Oct. 8, 9, 1987, Jan. 15, 16, Feb. 14, 28, 29, 1988; minimum, 5.7 units, Sep. 8, 1987.

WATER TEMPERATURE: Maximum, 33.0°C, Aug. 1, 1999; minimum, 4.5°C, Jan. 17, 1988.

DISSOLVED OXYGEN: Maximum, 13.6 mg/L, Jan. 5, 1984; minimum, 1.5 mg/L, Oct. 8, 1989.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 23,000 microsiemens, Sep. 21; minimum, 64 microsiemens, July 27.

WATER TEMPERATURE: Maximum, 31.0°C, Aug. 31; minimum, 6.2°C, Jan. 28.

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	15900	412	4260	15800	446	5990	10100	196	2850	11100	255	2780
2	15400	288	4470	14500	437	5180	13700	285	4020	7170	267	1590
3	13400	278	3670	13700	485	4800	10700	364	3590	7370	227	1620
4	13300	283	3560	13000	529	4460	16100	490	5690	13300	216	1600
5	11100	492	4080	13900	585	4840	15100	883	5110	7580	218	1560
6	11800	456	4210	10100	543	3060	12500	700	3610	6410	221	1260
7	13300	844	5700	9570	359	2180	11700	525	2760	7420	185	1340
8	12400	1100	5230	10400	343	2230	8890	355	2010	4120	169	926
9	14100	1160	5370	11500	280	2660	13100	295	3100	7610	178	2330
10	12600	946	4280	10800	282	2700	19600	353	6730	8780	207	3270
11	9320	450	2720	5720	233	1550	16400	393	5220	12700	219	3620
12	4430	215	781	7680	208	1770	6170	237	1900	14400	321	5020
13	6980	183	1280	12400	190	2580	12200	231	4660	19200	282	7420
14	11700	170	2210	13100	197	3770	9530	194	1860	20300	653	7320
15	---	---	---	13600	216	4770	9820	176	2920	17600	468	5920
16	---	---	---	14200	257	4800	10400	187	2170	18600	383	6540
17	8070	181	1900	11300	214	2230	11600	169	4090	13200	403	3860
18	8150	174	2020	4950	172	1110	19100	254	6950	15000	297	3740
19	5980	162	1300	9980	170	2200	18500	604	6170	5740	231	1200
20	6910	167	1440	11200	185	2410	15500	570	3730	3810	188	827
21	7160	166	1570	13300	207	3040	6100	294	1380	10100	194	2530
22	9090	172	2230	9900	217	1970	8630	252	1810	16900	588	6270
23	12100	197	2920	7780	182	1470	9450	238	1930	15100	678	5040
24	14500	217	3730	11300	185	3010	16500	258	4330	5740	281	1330
25	14600	254	4040	12200	213	2720	8180	209	1600	8540	233	2440
26	13100	266	3420	11900	188	2880	7940	179	1300	12500	299	4320
27	15300	246	4270	11800	198	3000	8160	181	2500	13100	313	4660
28	17500	281	5220	14300	217	4750	5460	162	1270	18300	352	6320
29	16900	327	4950	13200	263	4700	6920	159	1530	16200	469	4230
30	17600	450	6610	6620	211	1780	12300	166	2960	13000	360	3720
31	16900	383	6170	---	---	---	11600	226	2960	11600	372	2640
MONTH	---	---	---	15800	170	3150	19600	159	3310	20300	169	3460

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 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	12500	300	3110	15100	343	5010	5680	148	1330	10600	136	1940
2	10200	298	2280	15200	408	4270	3060	140	755	8530	199	2290
3	8510	275	1750	7020	264	1690	3240	134	655	9330	160	1790
4	7570	268	1780	6240	205	1340	6420	149	1010	13100	214	3080
5	6140	210	1330	5560	171	1200	6540	158	1270	14900	284	3810
6	9450	236	2830	1680	142	439	13100	172	2400	10200	162	1680
7	9960	209	2420	3430	132	674	16100	266	4240	3850	115	634
8	5270	178	1630	4730	144	1320	6310	166	1160	7660	107	1680
9	9650	326	4210	5740	139	1700	13900	170	3280	6400	119	1950
10	13200	272	3640	8830	146	2390	16500	136	3350	6520	102	1570
11	10900	259	3980	13100	175	3290	10600	136	2920	8290	102	2700
12	13300	298	4400	7320	160	2100	10800	132	2780	9470	137	2660
13	11800	332	5080	10600	160	3840	9700	119	2400	14700	151	3690
14	15500	365	6100	11300	210	4640	7980	128	2060	16000	296	4510
15	17800	426	6480	19100	349	6350	6940	152	1850	14300	475	4650
16	16600	387	6870	18500	543	5730	8400	206	2230	12000	430	3640
17	16700	898	6540	9240	408	3170	9610	349	2720	13500	445	3390
18	12200	624	3790	10700	495	3750	9270	496	2930	13500	813	4940
19	13200	721	4150	8070	380	2910	9000	432	2540	14300	683	4120
20	10100	569	3300	8420	346	2610	8580	376	2260	13700	630	4150
21	12400	584	4230	3620	116	627	9760	378	2650	12100	402	3220
22	13500	483	4200	514	96	172	8790	224	1880	8050	282	2580
23	8190	213	1580	219	91	138	5480	224	1490	6730	179	1520
24	5690	189	1120	1080	94	250	8310	203	2190	6620	151	1890
25	9620	210	3100	4170	109	847	8550	164	2340	9150	128	2280
26	16300	210	5040	5130	105	955	6940	150	1700	7550	117	1930
27	18000	268	4560	7820	112	2300	11300	146	2670	7890	111	1810
28	12900	318	4050	12200	145	3350	8750	173	2380	11200	123	2780
29	---	---	---	5760	158	1140	7240	150	1530	8000	122	1800
30	---	---	---	---	---	---	6010	129	1160	10100	131	2290
31	---	---	---	4720	142	997	---	---	---	7260	112	1650
MONTH	18000	178	3700	---	---	---	16500	119	2140	16000	102	2670

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	9680	98	1510	16200	171	3250	6370	93	1070	10200	242	2740
2	10100	136	2450	16200	185	2700	6800	103	1420	12600	231	3390
3	10100	156	2740	6290	123	1030	6090	99	1330	13700	225	3610
4	12200	141	2050	7120	111	1320	6200	95	1270	15300	251	4160
5	5970	118	1360	5150	99	1200	6260	89	950	16500	247	4350
6	9960	151	3090	4330	89	968	7190	87	1280	18400	348	5920
7	11600	160	3590	4960	87	1050	11800	104	2370	16600	401	5020
8	5880	128	1660	7000	90	1340	12300	127	2510	13400	363	4060
9	6360	111	1310	12900	105	2670	10700	116	1880	8310	180	1760
10	8760	104	1690	13600	152	3270	10200	118	1810	6790	117	1200
11	10100	121	2120	12100	178	2660	9940	144	1880	7810	113	1640
12	8950	140	2050	11200	172	2230	11100	185	2350	6370	129	1510
13	7410	156	1600	11400	198	2390	10800	226	2590	3690	96	714
14	8600	185	1760	10200	200	2280	10100	215	2410	6340	88	1040
15	7320	172	1460	10900	281	2400	8720	179	1990	7270	94	1390
16	7320	189	1330	10900	304	2560	6960	149	1780	10800	98	2530
17	6710	126	925	8330	203	1570	7740	140	2210	17600	134	4830
18	---	---	---	6060	172	1600	9080	118	2070	14000	259	4470
19	---	---	---	5460	112	1150	14900	120	3910	12800	156	3030
20	---	---	---	4660	95	988	17600	209	5140	19900	210	6050
21	---	---	---	10600	91	2040	17800	269	5150	23000	800	8850
22	---	---	---	7220	87	1380	17000	274	5060	22800	1090	9510
23	---	---	---	7240	83	1360	16300	265	4860	17000	910	6160
24	---	---	---	5810	78	789	21400	287	6410	18300	760	6270
25	12100	104	2710	6510	74	1000	21500	956	8950	17400	1210	7730
26	12700	113	3420	6150	69	942	17900	697	5970	15200	1510	7140
27	14500	112	3280	7320	64	960	15200	475	4510	14400	1270	6300
28	14700	165	3820	5470	65	610	12700	383	3630	13200	1090	4990
29	13300	175	3140	5590	68	691	11700	351	3200	12400	726	3830
30	13700	178	2920	6140	74	777	11300	351	3170	13300	574	3910
31	---	---	---	6370	89	838	9440	294	2640	---	---	---
MONTH	---	---	---	16200	64	1610	21500	87	3090	23000	88	4270

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	27.3	26.7	27.0	21.6	20.6	21.3	13.8	12.9	13.3	11.0	10.0	10.5
2	27.2	26.5	26.9	21.0	20.1	20.7	13.5	12.6	12.9	10.9	10.6	10.8
3	27.3	26.5	26.9	20.5	19.8	20.2	13.0	12.3	12.7	11.2	10.8	11.0
4	27.4	26.7	27.0	20.2	19.3	19.8	12.8	11.8	12.3	11.0	10.6	10.8
5	27.5	27.0	27.2	19.6	19.2	19.4	12.0	11.3	11.6	10.9	10.3	10.6
6	27.9	27.2	27.5	19.7	19.1	19.4	11.6	10.7	11.1	11.0	10.2	10.5
7	28.1	27.4	27.7	19.3	18.7	18.9	11.3	10.3	10.7	10.5	9.9	10.1
8	27.8	27.3	27.6	19.1	18.4	18.7	11.0	10.3	10.6	10.2	9.5	9.8
9	27.3	26.6	27.0	19.1	18.4	18.7	10.9	10.5	10.6	10.4	9.5	9.9
10	26.9	26.4	26.7	19.3	18.6	18.9	10.9	10.4	10.6	10.6	9.9	10.2
11	26.7	25.9	26.4	19.5	18.9	19.1	10.9	10.2	10.6	10.6	9.9	10.3
12	26.2	25.5	25.8	19.5	19.0	19.2	10.6	10.2	10.4	10.3	9.8	10.1
13	26.1	25.2	25.6	19.3	18.7	19.1	11.0	10.2	10.6	10.1	9.6	9.9
14	25.6	24.3	25.0	18.9	18.0	18.6	10.8	10.5	10.6	10.0	9.4	9.8
15	---	---	---	18.7	17.7	18.3	10.6	10.0	10.5	9.8	9.2	9.5
16	---	---	---	18.7	17.9	18.2	10.6	10.2	10.4	9.6	8.9	9.3
17	23.1	22.2	22.6	18.4	17.0	17.7	10.6	10.2	10.4	9.6	8.9	9.2
18	22.6	21.6	22.0	17.1	16.3	16.6	10.8	10.3	10.6	9.1	8.4	8.8
19	21.9	21.3	21.5	16.9	15.9	16.2	11.2	10.6	10.9	8.6	7.9	8.2
20	21.9	21.3	21.5	16.7	15.6	16.0	12.0	11.1	11.4	8.2	7.5	7.8
21	21.9	21.5	21.7	16.6	15.7	16.0	11.6	11.3	11.4	8.9	7.8	8.3
22	21.9	21.4	21.7	16.4	15.7	15.9	11.9	11.3	11.5	8.8	8.6	8.7
23	21.7	21.3	21.5	15.9	15.2	15.4	12.2	11.4	11.6	8.7	7.9	8.4
24	21.6	21.3	21.4	16.0	15.0	15.3	12.0	11.6	11.8	8.1	6.8	7.5
25	21.5	21.0	21.2	15.9	15.0	15.3	12.1	11.2	11.8	7.4	6.3	7.0
26	21.3	20.9	21.1	15.9	14.9	15.3	11.4	10.9	11.1	7.4	6.4	6.9
27	21.9	20.8	21.2	15.7	15.0	15.3	11.2	10.4	10.9	7.2	6.3	6.8
28	22.0	21.1	21.5	15.4	14.4	14.9	10.8	9.8	10.4	7.0	6.2	6.7
29	22.2	21.5	21.8	14.9	13.8	14.4	10.4	9.7	10.0	7.2	6.3	6.8
30	22.3	21.9	22.1	14.2	13.2	13.7	10.4	9.6	10.0	7.5	6.7	7.2
31	22.0	21.3	21.8	---	---	---	10.4	9.6	10.1	7.6	7.2	7.4
MONTH	---	---	---	21.6	13.2	17.6	13.8	9.6	11.1	11.2	6.2	9.0

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.9	7.4	7.7	11.5	10.8	11.1	17.3	16.6	16.9	22.0	21.5	21.8
2	8.5	7.6	8.0	12.0	10.8	11.3	17.0	16.2	16.6	22.4	21.5	22.0
3	9.1	8.0	8.4	11.8	11.1	11.3	17.1	16.3	16.7	22.9	22.2	22.5
4	9.6	8.6	9.1	11.9	11.4	11.7	17.7	16.9	17.1	23.3	22.4	22.7
5	9.9	9.3	9.5	12.5	11.8	12.2	18.2	17.3	17.7	23.2	22.5	22.7
6	10.0	9.3	9.7	13.3	12.4	12.9	18.5	17.9	18.2	23.4	22.6	22.9
7	10.0	9.4	9.8	13.3	13.0	13.2	18.9	17.9	18.5	23.6	22.8	23.1
8	10.2	9.3	9.6	14.1	12.7	13.2	18.7	18.2	18.5	24.2	23.3	23.6
9	10.0	9.2	9.5	13.7	13.3	13.4	18.2	17.0	17.8	24.7	23.7	24.0
10	9.7	9.1	9.5	14.4	13.2	13.5	17.6	15.7	16.7	24.9	24.0	24.3
11	9.6	9.0	9.3	14.3	13.2	13.7	16.6	15.1	15.8	24.9	24.4	24.7
12	9.7	9.0	9.4	14.8	13.5	14.1	16.0	15.1	15.4	25.1	24.6	24.8
13	9.7	9.1	9.4	14.6	14.0	14.4	16.2	15.1	15.6	25.1	24.5	24.9
14	9.7	9.2	9.5	14.7	14.2	14.4	16.7	15.7	16.2	24.9	24.3	24.7
15	10.4	9.4	9.9	14.5	13.6	14.1	17.7	16.5	17.1	24.7	23.9	24.4
16	10.5	10.1	10.3	14.4	13.9	14.2	18.6	17.3	17.9	24.9	24.1	24.3
17	10.5	9.8	10.2	14.4	14.0	14.2	19.2	18.0	18.6	24.6	24.2	24.4
18	10.3	9.8	10.0	14.9	14.1	14.4	20.1	18.7	19.3	24.7	24.1	24.4
19	10.7	9.5	9.9	15.9	14.6	15.0	19.9	19.4	19.6	24.5	23.9	24.2
20	10.9	9.7	10.1	16.2	15.3	15.7	20.6	19.4	19.7	24.6	23.3	23.9
21	10.9	10.2	10.5	17.2	15.9	16.7	20.9	19.5	19.9	24.3	23.3	23.8
22	11.4	10.8	11.1	17.9	16.9	17.4	20.5	19.7	20.0	24.0	23.3	23.7
23	11.7	11.3	11.5	18.1	17.5	17.8	20.5	19.7	20.0	23.8	23.3	23.5
24	12.0	11.3	11.6	18.4	17.7	18.1	20.3	19.4	20.0	24.0	23.2	23.6
25	12.1	11.6	11.8	18.7	17.5	18.2	20.4	19.9	20.1	24.2	23.6	23.9
26	11.9	11.7	11.8	18.6	17.9	18.3	20.2	19.9	20.0	24.5	23.9	24.2
27	11.8	11.3	11.6	18.5	18.1	18.3	20.5	19.8	20.1	24.7	24.3	24.5
28	11.5	11.0	11.3	18.5	17.8	18.2	20.8	20.1	20.4	25.1	24.4	24.8
29	---	---	---	18.9	18.2	18.5	21.1	20.4	20.8	25.2	24.8	25.0
30	---	---	---	---	---	---	21.8	21.0	21.4	25.3	24.8	25.0
31	---	---	---	17.9	17.0	17.5	---	---	---	25.5	24.9	25.2
MONTH	12.1	7.4	10.0	---	---	---	21.8	15.1	18.4	25.5	21.5	23.9

COOPER RIVER BASIN

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

Temperature, water, degrees Celsius
 WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	25.7	25.0	25.3	28.8	28.2	28.6	28.9	28.1	28.6	30.7	30.3	30.5
2	26.2	24.9	25.4	28.4	28.0	28.2	29.5	28.2	28.9	30.6	30.2	30.4
3	25.7	25.0	25.4	28.4	27.6	28.0	29.6	28.8	29.1	30.6	30.2	30.4
4	25.6	25.1	25.4	28.8	27.8	28.2	29.5	28.9	29.1	30.5	30.1	30.3
5	26.1	25.2	25.5	28.7	28.0	28.3	29.2	28.6	28.9	30.2	29.3	29.9
6	26.0	25.4	25.7	28.9	28.2	28.5	29.1	28.6	28.8	29.6	28.0	28.9
7	26.2	25.6	25.9	28.7	28.4	28.5	29.0	28.6	28.8	28.3	27.2	27.8
8	26.3	25.8	26.1	29.1	28.4	28.7	28.9	28.5	28.7	27.5	26.3	26.8
9	26.8	26.0	26.3	29.3	28.7	29.0	29.0	28.6	28.8	26.6	25.6	26.0
10	27.0	26.3	26.6	29.5	28.8	29.3	29.2	28.6	28.9	26.0	25.2	25.5
11	27.4	26.7	27.1	29.7	29.1	29.4	29.4	28.6	29.1	25.4	24.8	25.0
12	27.8	27.3	27.5	29.8	29.2	29.5	29.5	28.8	29.1	25.0	24.4	24.6
13	27.8	27.3	27.6	29.6	28.9	29.4	29.5	28.8	29.3	25.1	24.1	24.5
14	28.1	27.4	27.6	29.3	28.8	29.1	29.9	28.9	29.4	25.6	24.5	24.8
15	28.4	27.5	27.8	29.3	28.5	29.0	30.2	29.2	29.6	26.1	24.8	25.2
16	28.7	27.8	28.1	29.7	28.6	29.1	30.3	29.4	29.8	26.1	25.2	25.6
17	28.3	27.7	27.9	30.1	29.0	29.4	30.1	29.4	29.8	25.8	25.3	25.6
18	28.1	27.1	27.6	29.8	29.2	29.5	30.3	29.6	29.8	25.7	25.0	25.4
19	27.6	26.4	26.9	29.7	29.1	29.4	30.0	29.6	29.8	25.7	24.8	25.1
20	---	---	---	29.9	28.9	29.2	30.0	29.4	29.8	25.8	24.7	25.2
21	---	---	---	29.6	29.1	29.3	30.0	29.4	29.8	25.8	25.1	25.5
22	---	---	---	29.5	28.9	29.1	29.8	29.3	29.6	26.0	25.4	25.7
23	---	---	---	29.0	28.3	28.8	29.7	29.3	29.5	26.0	25.6	25.8
24	---	---	---	28.3	27.6	28.1	29.7	28.8	29.4	25.9	25.4	25.7
25	28.0	27.3	27.5	27.7	27.0	27.4	29.6	28.8	29.2	25.9	25.5	25.7
26	28.3	27.6	27.9	27.2	26.4	26.7	29.7	29.1	29.4	25.8	25.4	25.7
27	28.6	27.9	28.2	27.0	26.1	26.4	29.9	29.3	29.6	25.9	25.4	25.7
28	28.8	28.0	28.5	26.8	26.2	26.5	30.4	29.4	29.9	26.4	25.5	25.8
29	28.8	28.2	28.6	27.4	26.6	27.0	30.5	29.6	30.1	25.9	25.1	25.3
30	28.9	28.3	28.6	28.2	27.1	27.6	30.7	29.7	30.3	25.2	24.4	24.6
31	---	---	---	28.6	27.7	28.2	31.0	30.1	30.5	---	---	---
MONTH	---	---	---	30.1	26.1	28.5	31.0	28.1	29.4	30.7	24.1	26.4

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, 14.79 ft, Apr. 17; minimum gage height, 5.34 ft, Nov. 6.

Gage height, feet
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	13.62	8.66	11.16	13.74	7.42	10.99	12.68	5.94	9.79	14.22	6.69	10.22
2	13.54	8.00	10.95	13.78	7.16	10.95	13.61	6.26	10.22	13.33	5.98	9.97
3	13.67	7.32	10.76	13.88	6.96	10.76	13.41	5.92	10.18	13.62	6.51	10.00
4	14.01	6.84	10.78	14.00	6.47	10.66	14.56	6.79	10.84	13.31	6.00	10.02
5	13.92	6.60	10.69	14.51	6.52	10.95	14.19	6.69	10.51	13.63	7.18	10.42
6	14.08	6.47	10.71	13.94	5.34	9.94	13.71	6.68	10.24	13.01	6.80	9.84
7	14.34	6.88	10.93	13.99	6.58	10.35	13.37	6.94	10.14	12.66	7.07	9.76
8	14.56	6.97	11.10	13.80	7.53	10.63	13.04	7.06	10.01	11.92	6.94	9.41
9	14.75	7.89	11.33	13.44	7.76	10.51	13.18	7.60	10.33	11.66	6.95	9.53
10	14.46	8.08	11.38	13.14	7.90	10.39	13.56	8.85	11.10	11.64	7.27	9.52
11	14.37	8.55	11.46	12.55	7.66	10.10	13.01	7.54	10.60	11.79	7.80	9.92
12	13.70	8.26	10.99	12.41	7.84	10.19	11.92	7.66	9.91	11.87	7.77	9.98
13	13.71	8.56	11.20	12.50	7.46	10.18	12.44	7.83	10.66	12.47	7.30	10.01
14	14.08	9.06	11.80	12.88	8.27	10.83	12.27	6.73	9.45	12.27	7.20	9.99
15	14.59	10.13	12.52	13.26	8.21	11.15	12.24	7.25	9.96	11.98	7.02	9.80
16	13.92	8.72	11.78	13.27	8.24	11.08	12.36	6.75	9.82	12.74	7.02	10.16
17	13.69	8.24	11.33	13.19	6.68	10.29	12.88	6.75	10.36	12.27	6.37	9.51
18	13.61	8.21	11.26	12.42	6.47	9.98	13.48	7.52	10.74	13.24	6.21	10.12
19	13.37	8.27	11.08	13.16	7.19	10.44	13.62	7.72	10.68	12.40	5.59	9.26
20	13.24	8.07	10.91	13.34	7.10	10.53	13.35	6.53	9.84	12.16	5.63	8.94
21	13.24	7.63	10.74	13.56	7.61	10.67	12.37	5.98	9.30	12.40	5.54	9.08
22	13.31	7.75	10.83	13.14	7.16	10.01	12.59	6.19	9.32	13.13	6.34	9.98
23	13.58	7.99	10.88	12.65	7.03	9.78	12.65	6.23	9.55	12.84	6.88	9.77
24	13.67	8.37	11.01	12.68	7.16	9.81	13.50	7.11	10.34	12.03	5.87	9.22
25	13.59	8.27	11.01	12.60	7.30	9.83	12.66	6.19	9.40	12.31	6.69	9.58
26	13.22	8.37	10.74	12.71	7.35	9.92	12.60	6.43	9.57	12.79	6.43	9.58
27	13.05	8.32	10.66	12.54	7.29	9.85	12.80	7.23	10.18	12.17	6.58	9.39
28	13.14	8.44	10.71	12.85	7.35	10.16	12.53	6.86	9.94	12.93	6.48	9.89
29	13.10	8.05	10.60	12.74	6.83	10.16	12.68	6.35	9.70	12.95	6.11	9.81
30	13.18	8.03	10.72	12.11	5.44	9.33	13.37	6.46	10.20	13.04	6.09	9.95
31	13.45	7.74	10.92	---	---	---	13.55	6.58	10.30	13.02	6.20	9.92
MONTH	14.75	6.47	11.06	14.51	5.34	10.35	14.56	5.92	10.10	14.22	5.54	9.76

COOPER RIVER BASIN

021720677 COOPER RIVER AT FILBIN CREEK NEAR NORTH CHARLESTON, SC--Continued

Gage height, feet
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	13.24	6.45	9.99	13.44	7.12	10.68	12.58	6.78	9.98	13.41	7.60	10.58
2	13.04	6.29	9.86	13.60	7.12	10.50	12.21	6.29	9.34	13.32	7.71	10.57
3	12.82	6.36	9.67	13.15	6.84	10.39	12.22	6.36	9.29	13.23	7.35	10.40
4	12.53	6.03	9.39	13.37	7.41	10.51	12.60	6.71	9.57	13.91	7.93	10.96
5	11.91	6.57	9.23	12.80	6.73	10.14	12.57	7.30	9.89	13.51	8.27	11.11
6	12.23	7.37	9.70	12.33	6.57	9.75	13.54	7.61	10.34	13.35	7.81	10.33
7	12.18	6.60	9.49	12.68	7.54	10.00	13.46	8.03	10.63	12.73	7.72	9.98
8	11.55	7.35	9.42	12.75	7.80	10.29	13.13	8.42	10.50	12.73	7.47	9.89
9	11.75	7.80	9.73	12.75	8.50	10.49	13.43	8.81	10.98	12.37	7.49	9.87
10	11.94	7.62	9.60	12.61	8.57	10.60	13.35	8.40	11.00	12.29	7.23	9.90
11	11.60	7.45	9.56	12.77	8.34	10.55	13.12	8.72	10.99	12.46	6.95	9.88
12	11.62	6.76	9.18	12.34	8.21	10.17	13.25	7.60	10.82	12.46	6.24	9.65
13	11.92	6.50	9.34	12.46	7.88	10.23	13.25	7.30	10.73	13.42	6.35	10.06
14	12.01	6.27	9.41	12.60	8.16	10.64	13.48	7.00	10.68	14.04	6.35	10.37
15	12.51	6.25	9.61	13.63	7.40	11.06	13.85	6.34	10.57	14.11	6.37	10.46
16	13.36	5.89	10.35	13.66	7.26	10.71	14.41	6.47	10.69	14.20	6.18	10.28
17	13.59	6.32	10.21	13.68	6.63	10.74	14.79	6.65	10.90	14.66	6.52	10.51
18	13.20	5.83	9.88	14.12	6.77	10.93	14.73	7.21	11.05	14.72	7.48	11.01
19	13.42	6.18	10.04	14.44	6.89	11.02	14.50	7.21	10.82	14.22	7.86	10.88
20	13.36	6.39	10.07	14.28	6.78	11.16	14.47	7.59	10.97	14.22	8.01	10.91
21	13.50	7.16	10.48	13.96	6.76	10.59	14.47	7.98	11.06	13.74	7.71	10.45
22	13.61	7.32	10.61	13.84	6.78	10.35	14.12	7.64	10.66	13.08	7.65	10.44
23	13.12	6.22	9.25	13.48	7.17	10.36	13.21	8.16	10.88	13.21	7.83	10.38
24	12.50	6.74	9.62	13.60	7.58	10.53	13.26	7.92	10.76	12.80	7.84	10.61
25	12.43	6.94	9.76	13.45	7.85	10.61	13.19	8.04	10.88	12.89	7.83	10.71
26	13.06	7.60	10.49	12.96	7.61	10.41	12.89	7.57	10.67	---	---	---
27	13.54	7.25	10.65	13.21	8.02	10.87	13.29	8.01	10.88	---	---	---
28	13.06	7.23	10.26	13.74	7.75	11.12	13.29	7.80	10.91	---	---	---
29	---	---	---	13.25	7.48	10.63	13.22	7.32	10.60	12.86	7.34	10.23
30	---	---	---	---	---	---	13.31	7.23	10.45	13.16	7.44	10.29
31	---	---	---	12.81	7.01	10.10	---	---	---	12.90	7.34	10.17
MONTH	13.61	5.83	9.82	---	---	---	14.79	6.29	10.58	---	---	---

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	13.04	6.65	9.84	13.57	7.04	10.20	---	---	---	13.08	6.73	10.00
2	13.32	7.57	10.26	12.76	7.11	10.18	12.99	6.73	10.06	13.11	6.82	10.01
3	13.02	8.04	10.50	12.61	6.83	9.67	12.93	6.81	10.02	13.12	6.90	10.03
4	12.90	7.37	10.18	12.63	6.63	9.66	12.67	6.70	9.75	13.22	7.16	10.20
5	12.67	7.17	9.80	12.63	6.92	9.77	12.79	6.53	9.75	13.63	7.24	10.47
6	12.78	7.63	10.23	12.50	6.84	9.71	12.97	6.50	9.75	14.16	8.11	11.28
7	13.09	7.44	10.18	12.51	6.55	9.63	13.28	6.56	9.93	14.10	8.00	11.21
8	12.57	7.02	9.88	12.67	6.28	9.65	13.51	6.73	10.14	14.18	7.70	11.24
9	12.75	6.59	9.92	13.22	6.35	9.85	13.53	6.18	10.02	14.39	8.00	11.35
10	13.37	6.82	10.34	13.51	6.18	10.01	13.43	5.90	9.75	14.10	8.06	11.31
11	13.82	6.58	10.43	13.57	5.88	9.90	13.30	6.17	9.84	14.23	8.36	11.54
12	13.98	6.30	10.40	13.66	5.57	9.79	13.32	6.40	9.95	13.98	8.19	11.41
13	13.93	6.00	10.13	13.48	6.13	9.96	13.36	6.58	10.04	13.33	8.01	10.89
14	14.01	6.09	10.11	13.41	5.97	9.87	13.03	6.81	10.16	13.41	7.85	10.86
15	13.88	6.10	10.01	13.44	6.41	9.99	12.71	6.82	10.06	13.18	8.11	10.87
16	13.75	6.33	9.99	13.09	6.65	9.96	12.58	7.10	10.02	13.21	8.31	10.98
17	13.66	6.96	10.37	12.65	6.69	9.81	12.31	6.81	9.83	13.40	9.18	11.26
18	13.53	7.29	10.54	12.62	6.76	9.94	12.18	7.05	9.78	12.83	8.98	10.87
19	13.51	7.17	10.35	12.48	6.85	9.77	12.43	7.71	10.13	12.36	8.05	10.26
20	12.82	7.54	10.24	12.19	7.03	9.96	12.54	7.97	10.28	12.79	8.16	10.50
21	13.08	7.77	10.79	12.45	7.52	10.09	12.49	7.87	10.22	13.30	8.60	10.94
22	13.01	8.06	10.76	---	---	---	12.41	7.73	10.01	13.66	8.39	11.20
23	12.91	7.84	10.62	---	---	---	12.35	7.35	9.83	13.68	7.43	10.90
24	12.75	7.59	10.40	---	---	---	12.94	7.12	10.10	14.30	8.02	11.31
25	12.77	7.55	10.34	---	---	---	13.33	7.27	10.51	14.53	7.66	11.44
26	12.94	7.56	10.29	---	---	---	13.44	6.87	10.37	14.43	7.60	11.39
27	13.04	7.27	10.19	---	---	---	13.47	6.55	10.23	14.54	7.71	11.40
28	13.12	7.43	10.29	---	---	---	13.41	6.39	10.07	14.51	7.41	11.15
29	12.96	6.96	10.06	---	---	---	13.48	6.47	10.15	14.36	7.49	11.05
30	13.15	7.23	10.13	---	---	---	13.23	6.69	10.21	14.26	7.73	11.06
31	---	---	---	---	---	---	13.11	6.61	10.05	---	---	---
MONTH	14.01	6.00	10.25	---	---	---	---	---	---	14.54	6.73	10.95

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: April 1997 to current year.

WATER TEMPERATURE: April 1997 to current year.

DISSOLVED OXYGEN: April 1997 to current year.

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

REMARKS.--Specific conductance records rated excellent except for Nov. 26 to Dec. 12, Jan. 21 to Feb. 5, Mar. 5-21, Aug. 13-21, and Aug. 28 to Sep. 25, which are good. Temperature records rated excellent. Dissolved oxygen records rated excellent except for Oct. 29 to Nov. 15, Apr. 30 to May 14, July 16-23, Aug. 1-7, and Sep. 4-16, which are good, Nov. 26 to Dec. 20, Jan. 21 to Feb. 5, Mar. 5 to Apr. 2, May 21-28, and Aug. 7-13, 21-28, which are fair, and Oct. 1-8, Dec. 20 to Jan. 6, and May 28 to June 12, which are poor. 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, 3.2 mg/L, July 29, 30 Aug. 19, 2001.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 37,600 microsiemens, Sep. 21; minimum, 2,740 microsiemens, Mar. 22.

WATER TEMPERATURE: Maximum, 30.3°C, Sep. 2; minimum, 6.4°C, Jan. 28.

DISSOLVED OXYGEN: Maximum, 11.1 mg/L, Jan. 29, Feb. 2, 3; minimum, 3.4 mg/L, Aug. 28.

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	30600	19800	24700	32800	23500	27200	30700	16300	22500	29500	15000	20200
2	30800	17300	24200	32700	21900	26700	32000	19900	24600	26800	13100	18000
3	32200	18500	24600	33300	21000	26200	31600	18400	23800	28200	11400	17300
4	33000	18900	24500	33800	20500	25400	34600	18800	25000	24800	10300	16700
5	32200	19300	24500	35200	18300	25600	33800	18600	24300	28100	11700	17200
6	33100	18100	24400	31800	14900	22000	31600	17200	22300	28200	11900	16600
7	34200	19300	25800	31300	11200	19300	31500	15900	20900	26700	8770	15300
8	34400	18600	25100	31200	12700	19700	29700	13800	19000	26600	12700	16900
9	34900	18500	24600	32300	12400	19600	28200	13200	19100	26600	12300	17800
10	33100	18200	23500	30400	14400	19400	33200	17200	21300	27600	15300	19600
11	28600	14700	19500	25600	13900	18200	27800	19100	23200	29400	16100	20600
12	24000	9390	14200	28300	11800	16300	24800	14100	19200	30500	18100	22300
13	26300	7560	14200	26800	11700	17000	29000	16600	20400	32300	21300	25100
14	24800	10400	16100	33000	16100	21900	28900	11900	20400	32600	23900	27100
15	31900	15200	20800	31100	19400	23500	28100	13300	19500	31200	22600	27200
16	29000	16900	22400	32900	20100	24400	27600	14400	20300	36100	21700	28400
17	28400	15200	19900	32300	17000	22500	31800	13600	21300	33300	21400	27100
18	27700	14500	19400	27400	12000	18000	33400	17800	24100	34000	19500	26100
19	25700	13800	18500	31100	13200	20100	33900	20100	25500	30600	16800	22000
20	27200	13500	18400	31700	15200	21000	31800	17200	24300	28900	14700	19000
21	25200	13300	18100	29200	15100	21400	26600	11200	17700	32300	14500	20500
22	25900	14000	18800	31200	16500	20400	29100	14000	18300	31000	18600	23300
23	31200	15400	20300	29100	10100	17600	26400	12600	18500	29800	19200	23000
24	28200	16200	21000	30800	12600	19800	29300	13400	20500	24700	14000	18300
25	32700	17300	21800	29100	17000	20900	24400	11200	17700	29500	15100	20200
26	33600	16400	21500	31300	14100	20700	25000	7410	14100	31600	18300	21800
27	34400	16000	21700	28000	16300	20600	26200	14600	18800	28600	19800	22900
28	33900	18800	23200	28200	18300	22100	23900	13400	17900	34200	21500	25000
29	34100	19300	23300	30000	21200	25200	26700	13500	17800	31600	21400	25500
30	32800	20800	25000	29900	16300	23500	27500	15100	20200	32200	19500	24600
31	34800	21900	25900	---	---	---	27800	16100	20700	30700	18600	23000
MONTH	34900	7560	21600	35200	10100	21500	34600	7410	20700	36100	8770	21600

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 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	32500	16100	22400	31200	19200	24600	23200	13100	17000	28400	13000	17600
2	30800	17400	22000	32200	19200	24600	23100	11800	16300	27300	14300	18700
3	30800	16500	21000	27600	16500	21000	22300	10400	14900	26500	12700	18600
4	28700	15000	20300	28300	13600	19000	27300	10800	15300	30000	15400	19800
5	28900	12800	17700	26300	13700	17600	23000	12400	16500	27400	17800	21300
6	28500	14200	18900	21300	9260	14700	30400	12600	17200	27400	12100	18300
7	28500	15300	20100	21600	9420	14000	30400	16100	19600	20400	6880	13600
8	24300	14500	18700	22300	11400	16000	22600	10700	15300	27800	10800	16000
9	27400	15400	20700	26500	13700	17600	26200	11800	16700	22200	13100	16900
10	29300	17700	22000	26500	13800	18200	27500	14400	18500	24100	14700	18700
11	27800	15800	21000	28800	15800	20300	27100	15400	19600	26600	16400	20000
12	30000	19200	23700	26600	14700	18500	28400	14700	20300	29700	16700	21700
13	30800	19200	25100	28300	14600	19900	27600	15300	20400	32800	18200	23600
14	33000	21900	27100	27700	19000	22600	27000	14900	20400	34900	20400	25100
15	33500	23800	29100	32300	21200	25600	27500	14500	19800	34200	21300	26100
16	36600	25400	29800	32600	23000	27400	29700	13400	19600	34500	18300	24800
17	35600	24800	29200	32400	19700	25900	30700	13400	20300	35500	18300	24300
18	34400	21800	26900	31500	18400	25100	29800	15000	20200	34800	19900	25300
19	33900	21900	26000	31400	17800	23900	29000	12100	18700	34800	17800	23100
20	31800	20100	24100	31200	14900	22400	28200	12200	17600	34400	18100	23000
21	32500	18900	24300	22500	6100	13300	27800	13100	18200	31400	15000	21500
22	32000	19600	24600	17900	2740	7070	25500	10400	16800	26200	16000	20300
23	28600	7420	17800	14200	3390	7130	20100	11700	14800	26100	12500	17400
24	27100	8220	15100	15600	5280	8980	24500	13400	17200	24300	12400	17300
25	29600	13200	18900	20500	7390	12100	24400	14200	18400	26200	13300	18400
26	32100	18800	22400	18900	9640	13400	26600	13500	18000	24500	14200	18900
27	31100	18800	24000	20300	12000	15700	26300	12100	17800	---	---	---
28	30200	16100	22200	24800	13500	19000	26000	14900	18900	---	---	---
29	---	---	---	24400	13600	18100	26900	12600	18300	29600	15500	20600
30	---	---	---	---	---	---	24600	13200	17300	29800	15500	20500
31	---	---	---	22400	11700	15600	---	---	---	29200	16400	21000
MONTH	36600	7420	22700	---	---	---	30700	10400	18000	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	27300	13200	19100	32200	16200	22200	---	---	---	30400	17000	21900
2	29900	15600	20400	27400	18600	22900	24200	13900	18300	32600	16000	21700
3	27200	18500	22300	26500	13000	18500	24500	12100	17500	32700	14900	22100
4	27000	15300	20900	26500	12800	17700	26200	12600	17400	34800	18000	23700
5	25400	13100	18000	26500	13200	17100	25800	10800	16400	33200	15800	22900
6	26500	14400	19000	24200	12100	16900	27200	11200	17200	33300	20600	25300
7	28000	17600	21400	26400	12300	17200	31500	12400	19200	34000	18200	24300
8	26700	15300	19700	28600	11600	17900	30700	13300	20300	30000	18900	23800
9	26700	7270	17800	32800	13400	19700	31800	12500	20400	28100	13700	21100
10	28600	10000	19000	32900	14500	21800	29600	12800	19400	27400	11800	17900
11	29500	13500	20000	32000	16000	22200	31900	13800	19900	27500	8530	16100
12	29800	13900	20600	32500	15300	21800	31400	16400	20800	24800	13500	18100
13	29800	12200	18400	32700	16900	22100	31100	17500	21700	22700	11100	15500
14	29700	12700	18200	29400	16500	21300	29200	17000	22400	21900	9500	15100
15	28900	12300	18200	30700	17300	21500	27800	16700	20900	22800	9650	15500
16	28200	11800	17400	30000	16500	21800	27100	14300	20000	24400	10800	16500
17	24700	9910	16600	27500	14800	20300	29200	15300	20600	28700	16200	20000
18	24700	10300	15300	27700	14600	19600	26400	14100	19700	31200	18400	22400
19	22100	7200	13200	25000	10000	18200	30900	14300	20700	33200	16000	21500
20	19200	7090	11900	22200	9860	16000	36000	18000	24000	35700	16900	23100
21	22800	8500	13900	27100	10500	18300	32300	19600	24300	37600	21900	26500
22	26800	9840	15600	28200	13100	19000	34400	19300	24400	36400	26700	30400
23	26800	9990	17200	---	---	---	33600	19300	24200	35900	25500	30500
24	27300	10200	18200	---	---	---	34400	18800	25700	37200	23900	29500
25	30700	13800	19700	---	---	---	35200	23000	28200	36400	22800	29300
26	31600	15700	21300	---	---	---	34500	21900	28400	34000	22200	27900
27	30100	15400	22300	---	---	---	34200	20700	26800	34000	21500	27100
28	30400	16000	22600	---	---	---	32300	20100	25500	33700	20300	25400
29	30900	17400	22800	---	---	---	31900	20400	24600	32500	17200	23200
30	31900	16400	22200	---	---	---	31500	19400	24100	32400	17600	22600
31	---	---	---	---	---	---	29800	18800	23000	---	---	---
MONTH	31900	7090	18800	---	---	---	---	---	---	37600	8530	22700

COOPER RIVER BASIN

021720677 COOPER RIVER AT FILBIN CREEK NEAR NORTH CHARLESTON, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	27.6	26.7	27.2	21.7	20.8	21.4	14.5	13.6	14.2	11.4	10.7	11.1
2	27.8	26.6	27.3	21.4	20.6	21.0	14.1	13.5	13.8	11.3	11.0	11.2
3	27.9	26.5	27.4	20.9	20.5	20.7	13.7	13.2	13.5	11.4	10.6	11.2
4	27.9	27.1	27.5	20.5	19.8	20.2	13.4	12.1	12.8	11.0	10.5	10.8
5	27.8	27.2	27.5	20.0	19.7	19.9	12.4	11.2	12.1	10.9	10.5	10.8
6	28.0	27.3	27.7	20.1	18.5	19.8	12.0	11.0	11.8	11.2	10.4	10.8
7	28.1	27.5	27.9	19.5	18.5	19.3	11.7	11.0	11.4	10.8	10.1	10.5
8	27.9	26.7	27.6	19.5	18.3	19.1	11.5	10.6	11.2	10.7	9.8	10.2
9	27.3	26.7	27.0	19.4	18.4	19.0	11.3	10.8	11.0	11.1	9.9	10.4
10	27.0	26.4	26.7	19.7	18.8	19.2	11.0	10.4	10.6	11.3	10.5	10.7
11	26.7	26.4	26.5	20.3	19.2	19.5	10.7	10.5	10.6	10.8	10.0	10.4
12	27.1	25.8	26.4	19.9	19.4	19.6	10.8	10.5	10.6	10.5	9.6	10.0
13	26.6	25.9	26.3	19.5	18.5	19.1	11.2	10.5	10.7	10.2	9.4	9.9
14	26.4	24.6	25.6	19.7	17.7	18.9	10.9	10.3	10.6	10.3	9.5	10.0
15	25.3	23.8	24.6	19.1	18.2	18.9	10.7	9.8	10.4	10.2	9.2	10.0
16	24.9	23.3	24.3	19.1	18.7	18.9	10.9	9.9	10.4	10.1	9.5	9.9
17	24.1	22.9	23.8	19.0	17.4	18.5	10.9	10.3	10.6	10.0	9.2	9.8
18	23.5	22.3	23.2	17.9	16.6	17.5	10.9	10.4	10.7	9.5	8.7	9.3
19	23.1	21.9	22.7	17.6	16.7	17.4	11.3	10.7	11.0	9.1	8.4	8.8
20	22.9	22.0	22.6	17.4	16.7	17.2	11.8	11.1	11.5	8.7	8.1	8.5
21	22.7	22.0	22.5	17.1	16.6	17.0	11.6	11.2	11.4	9.3	8.5	8.8
22	22.4	21.5	22.1	17.0	15.6	16.7	11.6	11.1	11.4	9.1	8.5	8.8
23	22.1	21.4	21.7	16.5	15.3	16.0	12.0	11.2	11.6	8.6	7.7	8.2
24	21.8	21.4	21.6	16.2	15.0	15.9	11.9	11.5	11.7	7.7	6.9	7.4
25	21.6	21.2	21.4	16.2	15.4	15.9	12.1	11.6	11.8	7.9	7.1	7.5
26	21.6	21.0	21.3	16.4	14.9	15.9	11.7	10.9	11.3	7.7	7.2	7.4
27	22.2	21.0	21.5	16.4	15.3	15.8	11.6	10.6	11.2	7.5	6.8	7.2
28	22.7	21.4	21.7	15.8	14.6	15.1	11.3	10.3	11.0	7.5	6.4	7.0
29	22.6	21.7	22.0	15.3	13.6	14.9	11.1	10.3	10.8	7.7	6.8	7.2
30	22.4	21.8	22.1	14.9	14.1	14.6	11.1	10.6	10.8	7.8	7.3	7.5
31	22.0	21.2	21.7	---	---	---	11.0	10.6	10.8	7.7	7.5	7.6
MONTH	28.1	21.0	24.5	21.7	13.6	18.1	14.5	9.8	11.4	11.4	6.4	9.3

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	8.1	7.5	7.8	11.8	11.6	11.6	17.9	16.8	17.3	22.1	21.5	21.8
2	8.3	7.7	8.0	12.3	11.6	11.9	17.8	16.9	17.3	22.9	21.6	22.1
3	9.1	8.0	8.4	12.5	11.7	12.0	18.4	17.1	17.5	23.3	22.1	22.5
4	9.3	8.5	8.9	12.2	11.9	12.0	18.2	17.1	17.7	23.6	22.3	22.8
5	9.9	8.7	9.1	12.8	11.9	12.3	19.0	17.5	18.0	23.1	22.4	22.8
6	9.3	9.0	9.2	13.4	12.5	12.7	18.4	17.9	18.1	24.1	22.8	23.2
7	9.2	8.9	9.1	13.1	12.7	12.8	18.6	18.0	18.3	24.7	23.0	23.4
8	10.0	8.9	9.3	13.6	12.3	12.8	18.4	17.8	18.0	24.9	23.4	23.8
9	9.8	9.1	9.5	13.8	13.0	13.2	18.0	17.5	17.7	25.4	23.8	24.2
10	10.2	9.4	9.6	14.4	12.9	13.4	17.7	16.9	17.3	25.7	24.0	24.5
11	10.1	9.1	9.6	14.7	13.1	13.5	17.3	16.1	16.9	25.3	24.5	24.8
12	10.0	9.1	9.6	15.4	13.4	14.0	17.7	15.9	16.8	25.0	24.3	24.7
13	10.2	8.9	9.6	14.8	13.8	14.1	17.9	16.8	17.2	24.8	23.8	24.4
14	9.8	9.3	9.6	14.2	13.7	14.0	18.2	17.0	17.5	24.5	23.7	24.2
15	10.7	9.5	10.0	13.9	13.5	13.6	18.5	17.2	17.9	24.3	23.6	24.0
16	10.3	9.9	10.2	14.7	13.5	13.9	19.1	17.7	18.4	24.4	23.8	24.1
17	10.1	9.6	10.0	14.3	13.9	14.1	19.7	18.2	18.9	24.7	24.0	24.2
18	10.0	9.4	9.8	14.7	14.1	14.4	20.1	18.9	19.4	24.4	24.0	24.1
19	10.4	9.4	9.9	15.2	14.5	14.8	20.2	19.5	19.8	24.1	23.5	23.9
20	10.8	9.8	10.2	15.8	15.1	15.3	21.2	19.6	20.0	24.5	23.2	23.7
21	11.4	10.3	10.5	16.6	15.6	16.0	20.9	19.9	20.3	24.6	23.6	23.9
22	11.8	10.7	11.2	17.5	16.2	16.6	21.6	20.4	20.7	24.3	23.6	23.9
23	12.4	11.4	11.7	17.8	16.8	17.0	21.5	19.9	20.6	24.1	23.3	23.7
24	12.4	11.1	11.8	18.4	16.9	17.3	21.2	19.8	20.7	24.7	23.1	23.8
25	12.5	11.7	12.0	18.4	17.0	17.4	21.0	20.2	20.6	24.8	23.6	24.1
26	12.3	11.8	12.1	18.3	17.2	17.7	21.2	20.1	20.4	24.7	24.0	24.3
27	12.0	11.3	11.7	17.9	17.5	17.8	21.6	20.0	20.7	---	---	---
28	12.0	11.0	11.5	18.4	17.4	17.8	21.4	20.4	21.0	---	---	---
29	---	---	---	19.1	17.8	18.3	22.0	20.8	21.3	24.9	24.2	24.6
30	---	---	---	---	---	---	22.4	21.1	21.7	25.2	24.1	24.7
31	---	---	---	17.9	16.8	17.5	---	---	---	25.4	24.5	24.9
MONTH	12.5	7.5	10.0	---	---	---	22.4	15.9	18.9	---	---	---

COOPER RIVER BASIN

021720677 COOPER RIVER AT FILBIN CREEK NEAR NORTH CHARLESTON, SC--Continued

Temperature, water, degrees Celsius
 WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	25.5	24.7	25.0	28.2	27.6	28.0	---	---	---	30.1	29.5	29.8
2	25.8	24.4	25.1	27.9	27.4	27.7	28.6	27.5	28.0	30.3	29.2	29.8
3	25.2	24.5	25.0	28.6	27.4	27.8	28.7	27.8	28.2	30.2	29.3	29.9
4	25.1	24.7	24.9	28.7	27.5	28.0	28.8	27.8	28.2	30.0	29.3	29.8
5	26.5	24.8	25.3	29.0	27.7	28.1	28.8	27.9	28.3	29.8	28.8	29.4
6	26.0	25.2	25.5	29.0	27.8	28.2	28.7	27.7	28.3	29.3	27.5	28.4
7	26.0	25.4	25.6	28.7	27.9	28.3	28.4	27.3	28.1	27.8	26.7	27.2
8	26.2	25.3	25.7	29.1	27.9	28.4	28.7	27.6	28.0	27.2	26.2	26.7
9	27.2	25.6	26.1	29.4	28.2	28.7	28.8	27.6	28.1	26.8	25.9	26.4
10	27.0	26.2	26.5	29.5	28.5	28.8	28.8	27.9	28.2	26.4	25.5	26.0
11	27.6	26.5	27.0	29.4	28.3	28.8	28.8	27.6	28.2	25.7	25.0	25.4
12	27.7	26.9	27.2	29.3	28.6	28.9	28.7	27.7	28.3	25.3	24.5	25.0
13	27.8	27.1	27.4	29.0	28.4	28.7	29.0	27.8	28.3	25.9	24.5	25.0
14	28.2	27.3	27.6	28.7	28.0	28.5	29.0	27.9	28.4	25.4	24.5	25.0
15	28.4	27.5	27.8	29.1	28.1	28.4	29.9	28.2	28.7	26.4	24.5	25.1
16	28.9	27.8	28.1	29.2	28.2	28.5	29.2	28.5	28.8	25.9	24.8	25.3
17	28.4	27.8	28.0	29.4	28.4	28.8	29.5	28.3	28.8	25.5	24.7	25.0
18	28.2	27.8	27.9	29.4	28.2	28.8	29.9	28.6	28.9	25.2	24.1	24.8
19	28.5	27.4	27.7	29.7	28.5	28.9	29.7	28.5	29.0	25.6	24.3	25.1
20	28.6	27.2	27.7	29.9	28.2	29.0	29.3	28.2	28.9	26.3	24.6	25.4
21	28.6	27.0	27.4	29.6	28.7	29.1	29.2	28.3	28.8	26.2	25.0	25.6
22	28.2	26.2	27.3	29.4	28.5	28.9	29.6	28.1	28.7	26.0	25.3	25.7
23	27.8	26.4	27.2	---	---	---	29.4	28.3	28.8	25.9	25.5	25.7
24	28.2	26.8	27.4	---	---	---	29.8	28.3	28.7	26.0	25.2	25.7
25	28.2	26.6	27.5	---	---	---	29.1	28.1	28.5	26.2	25.4	25.7
26	28.4	27.1	27.7	---	---	---	29.3	28.1	28.6	25.9	25.5	25.7
27	28.4	27.3	27.8	---	---	---	29.8	28.3	28.8	25.9	25.5	25.7
28	28.4	27.6	28.0	---	---	---	29.7	28.5	29.0	26.1	25.1	25.8
29	28.3	27.7	28.0	---	---	---	29.7	28.8	29.2	25.7	25.0	25.3
30	28.6	27.7	28.0	---	---	---	29.9	28.9	29.4	25.1	24.4	24.7
31	---	---	---	---	---	---	30.1	29.3	29.7	---	---	---
MONTH	28.9	24.4	26.9	---	---	---	---	---	---	30.3	24.1	26.3

021720677 COOPER RIVER AT FILBIN CREEK NEAR NORTH CHARLESTON, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	6.8	5.4	6.0	6.9	6.2	6.6	8.4	7.8	8.1	9.6	8.9	9.2
2	6.8	5.4	5.9	6.8	6.0	6.5	8.3	7.8	8.1	9.4	8.9	9.2
3	6.2	4.9	5.6	6.6	5.8	6.2	8.7	7.9	8.2	9.7	8.9	9.2
4	6.1	4.8	5.5	6.5	5.8	6.2	8.9	8.3	8.6	9.7	9.0	9.3
5	5.8	4.5	5.3	6.7	6.1	6.4	9.0	8.5	8.8	9.7	9.0	9.3
6	5.5	4.2	5.0	7.3	6.2	6.8	9.2	8.6	8.9	9.9	9.1	9.4
7	5.2	4.0	4.6	7.4	6.7	7.0	9.3	8.8	9.0	9.9	9.3	9.6
8	5.3	4.1	4.7	7.3	6.8	7.1	9.2	8.8	9.0	10.1	9.4	9.7
9	5.3	4.5	4.9	7.5	6.8	7.1	9.8	8.9	9.3	10.1	9.5	9.8
10	5.5	4.6	5.1	7.6	6.9	7.2	9.9	9.2	9.5	10.0	9.4	9.7
11	6.1	4.7	5.4	7.8	7.1	7.4	9.8	9.0	9.5	10.0	9.4	9.8
12	5.8	5.0	5.3	8.0	7.0	7.4	9.7	9.0	9.4	10.2	9.5	9.9
13	6.2	4.9	5.3	8.3	7.3	7.8	9.4	8.9	9.2	10.0	9.4	9.8
14	6.2	5.0	5.6	8.0	7.3	7.7	9.7	9.0	9.2	10.0	9.3	9.7
15	6.5	5.4	5.9	7.7	6.7	7.3	9.6	9.2	9.4	10.1	9.4	9.8
16	6.2	5.1	5.7	6.8	6.4	6.6	9.7	9.0	9.4	10.0	9.5	9.8
17	6.2	5.0	5.5	7.5	6.3	6.7	9.6	9.1	9.4	10.2	9.5	9.9
18	5.9	5.0	5.5	7.5	6.7	7.0	9.8	9.2	9.5	10.3	9.7	10.0
19	5.8	5.0	5.3	7.1	6.5	6.8	9.7	9.2	9.5	10.5	9.9	10.1
20	5.7	4.7	5.2	7.1	6.5	6.9	9.8	9.2	9.5	10.7	10.1	10.3
21	5.6	5.0	5.3	7.2	6.8	7.0	9.7	9.2	9.4	10.6	10.1	10.3
22	6.0	5.1	5.6	7.5	6.7	7.1	9.4	9.1	9.3	10.3	10.0	10.1
23	6.3	5.5	5.9	7.7	7.0	7.3	9.5	9.0	9.3	10.4	9.8	10.1
24	6.6	5.8	6.2	7.7	7.1	7.4	9.6	9.0	9.3	10.7	10.0	10.3
25	6.9	6.2	6.5	7.8	7.2	7.5	9.6	9.0	9.2	10.6	10.2	10.3
26	6.8	6.2	6.5	7.8	7.3	7.6	9.6	9.0	9.3	10.6	10.3	10.4
27	6.6	6.0	6.4	8.0	7.2	7.5	9.6	9.0	9.3	10.8	10.4	10.6
28	7.0	6.1	6.4	8.2	7.5	7.8	9.7	9.0	9.3	11.0	10.5	10.8
29	6.7	6.0	6.4	8.2	7.5	7.8	9.6	9.1	9.4	11.1	10.6	10.8
30	6.9	5.9	6.4	8.2	7.6	7.9	9.5	9.1	9.3	11.0	10.6	10.8
31	6.9	6.2	6.6	---	---	---	9.4	9.0	9.2	11.0	10.6	10.8
MONTH	7.0	4.0	5.7	8.3	5.8	7.1	9.9	7.8	9.2	11.1	8.9	10.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	11.0	10.6	10.8	9.3	8.0	8.7	7.3	6.4	6.8	6.2	5.5	6.0
2	11.1	10.6	10.8	9.1	7.2	8.2	7.3	6.5	6.9	6.4	5.4	6.0
3	11.1	10.6	10.8	8.9	7.0	8.2	7.6	6.8	7.1	6.4	5.5	6.0
4	11.0	10.6	10.8	8.6	7.1	8.0	7.5	6.7	7.1	6.2	5.6	5.9
5	11.0	10.6	10.8	8.7	6.4	7.7	7.7	6.9	7.2	6.4	5.6	6.0
6	10.9	10.5	10.7	8.2	6.6	7.6	7.6	6.8	7.2	6.4	5.5	6.0
7	10.7	10.2	10.5	8.3	6.6	7.6	7.6	6.9	7.3	6.5	5.5	5.9
8	10.7	10.1	10.3	8.0	6.2	7.3	7.4	6.7	7.1	6.8	5.5	5.9
9	10.6	9.9	10.3	8.0	5.8	7.1	7.5	6.5	7.1	6.6	5.2	5.9
10	10.4	9.7	10.1	7.7	5.5	6.9	7.5	6.8	7.1	6.7	5.4	5.9
11	10.4	9.9	10.1	7.8	5.1	6.8	7.4	6.7	7.1	6.6	5.5	5.9
12	10.5	9.6	10.1	7.6	5.4	6.8	7.5	6.0	6.9	6.6	5.5	6.0
13	10.6	9.6	10.1	7.7	4.9	6.9	7.2	5.7	6.7	6.8	5.4	6.1
14	10.3	9.5	10.0	7.9	5.7	7.0	6.9	5.6	6.5	6.4	5.4	6.0
15	10.3	9.4	9.9	8.1	5.8	7.3	7.2	5.6	6.6	6.1	5.2	5.7
16	10.2	9.3	9.8	7.8	5.8	7.0	7.2	6.6	6.9	6.0	5.1	5.5
17	10.1	8.7	9.6	7.7	5.6	6.7	7.2	6.5	6.8	6.2	4.4	5.4
18	10.0	8.9	9.5	7.4	5.6	6.5	7.2	6.4	6.8	6.4	5.4	5.9
19	10.4	8.8	9.6	7.4	5.2	6.2	7.0	6.3	6.7	6.4	5.3	5.9
20	10.3	8.9	9.8	7.6	5.0	6.1	6.9	6.2	6.5	6.7	5.6	6.1
21	10.4	9.2	9.9	7.8	5.3	7.1	6.8	6.1	6.4	6.7	5.4	6.0
22	10.3	9.0	9.7	7.8	7.1	7.4	7.1	6.0	6.3	6.6	5.4	6.0
23	10.0	7.9	9.3	7.6	6.6	7.1	7.1	6.2	6.5	6.6	5.2	5.9
24	10.2	8.8	9.5	7.4	5.9	6.7	6.9	6.0	6.4	6.4	5.4	5.8
25	10.0	8.1	9.5	7.2	6.0	6.6	6.8	6.0	6.4	6.3	5.4	5.8
26	9.9	8.1	9.3	6.9	5.8	6.5	7.0	6.1	6.4	6.0	5.2	5.7
27	9.7	8.1	8.9	7.0	6.2	6.7	6.7	6.0	6.4	---	---	---
28	9.5	7.6	8.8	7.2	6.3	6.8	6.6	6.0	6.2	---	---	---
29	---	---	---	7.1	6.0	6.5	6.3	5.7	6.0	6.7	5.5	6.1
30	---	---	---	---	---	---	6.4	5.7	6.0	6.9	5.6	6.2
31	---	---	---	7.2	6.3	6.7	---	---	---	7.2	5.7	6.4
MONTH	11.1	7.6	10.0	---	---	---	7.7	5.6	6.7	---	---	---

COOPER RIVER BASIN

021720677 COOPER RIVER AT FILBIN CREEK NEAR NORTH CHARLESTON, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.2	6.0	6.7	4.7	3.8	4.2	---	---	---	5.4	4.2	4.7
2	7.4	6.0	6.8	5.2	3.8	4.6	4.8	3.8	4.3	5.7	4.0	4.8
3	7.3	6.1	6.7	5.4	4.3	4.8	4.7	3.8	4.3	5.9	3.9	4.9
4	7.0	5.7	6.3	5.5	4.3	4.9	5.0	4.1	4.5	5.8	4.1	4.8
5	7.0	5.7	6.2	5.8	4.6	5.1	5.2	4.2	4.7	5.5	4.5	5.0
6	6.3	5.4	5.9	6.0	4.7	5.2	5.6	4.4	4.8	5.6	4.4	5.1
7	6.4	5.2	5.8	5.8	4.6	5.2	5.4	4.2	4.7	5.6	4.9	5.2
8	6.1	5.2	5.6	5.9	4.5	5.2	5.5	4.0	4.7	5.7	4.8	5.2
9	6.4	5.0	5.6	5.9	4.3	5.2	5.2	4.2	4.7	5.5	4.7	5.1
10	5.9	4.8	5.3	5.5	4.1	5.0	5.6	4.2	4.8	5.5	4.7	5.1
11	6.5	4.6	5.4	5.8	4.3	4.9	5.3	4.2	4.7	5.8	4.9	5.3
12	5.8	4.8	5.3	5.5	4.0	4.8	5.3	4.3	4.8	5.7	5.0	5.4
13	5.5	4.5	5.0	5.2	4.1	4.7	4.9	4.2	4.6	5.6	4.9	5.2
14	5.5	4.4	4.9	5.2	4.2	4.7	5.5	3.7	4.7	6.4	5.0	5.4
15	5.4	4.3	4.7	5.0	3.9	4.5	5.6	4.3	4.9	6.0	5.1	5.5
16	5.0	4.2	4.6	5.1	3.9	4.6	5.5	4.5	4.9	6.1	5.1	5.6
17	4.9	3.8	4.4	5.2	4.0	4.8	5.8	4.6	4.9	6.9	5.5	6.2
18	5.1	4.0	4.4	5.4	4.3	4.7	5.7	4.3	5.1	7.1	5.8	6.3
19	5.0	4.0	4.4	5.9	4.2	4.9	5.5	4.4	5.1	6.6	5.7	6.1
20	5.5	4.2	4.6	5.7	4.5	5.0	5.8	4.6	5.0	6.6	5.5	5.9
21	5.1	4.1	4.6	5.8	4.3	5.0	5.3	4.5	4.8	6.4	5.3	5.8
22	5.0	3.6	4.3	6.2	4.5	5.5	5.9	4.4	4.9	6.2	5.1	5.6
23	4.6	3.7	4.1	---	---	---	5.9	4.6	5.2	5.7	5.0	5.4
24	4.8	3.5	4.0	---	---	---	5.7	4.6	5.3	5.7	4.8	5.3
25	4.8	3.5	4.0	---	---	---	5.6	4.5	5.2	5.5	4.7	5.1
26	5.1	3.7	4.2	---	---	---	5.5	4.4	4.9	5.1	4.3	4.8
27	5.0	3.7	4.3	---	---	---	5.2	3.5	4.5	5.0	4.2	4.6
28	5.0	3.8	4.3	---	---	---	5.3	3.4	4.5	5.0	4.1	4.6
29	4.8	3.7	4.2	---	---	---	5.2	3.9	4.7	5.3	4.2	4.8
30	4.7	3.6	4.1	---	---	---	5.3	3.9	4.7	5.5	4.7	5.1
31	---	---	---	---	---	---	5.3	3.9	4.7	---	---	---
MONTH	7.4	3.5	5.0	---	---	---	---	---	---	7.1	3.9	5.3

COOPER RIVER BASIN

021720698 WANDO RIVER ABOVE MOUNT PLEASANT, SC

LOCATION.--Lat 32°51'32'', long 79°53'47'', Charleston County, Hydrologic Unit 03050201, on downstream side of bridge on Interstate 526, 4.0 mi north of Mount Pleasant, and at mile 2.3.

DRAINAGE AREA.--Indeterminate.

GAGE-HEIGHT RECORDS

PERIOD OF RECORD.--July 1992 to September 1995, April 1997 to current year.

GAGE.--Data collection platform. Elevation of gage is NGVD of 1929 (from topographic map).

REMARKS.--Gage height affected by tide.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 23.39 ft, Mar. 20, 2000; minimum gage height, 12.09 ft, Mar. 13, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 22.62 ft, Apr. 17; minimum gage height, 12.86 ft, Nov. 6.

Gage height, feet
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	21.33	16.19	18.72	21.44	14.89	18.56	20.35	13.64	17.37	22.03	14.03	17.78
2	21.23	15.52	18.52	21.50	14.54	18.52	21.36	13.64	17.79	21.01	13.44	17.52
3	21.39	14.81	18.33	21.61	14.43	18.33	21.13	13.36	17.76	21.34	13.95	17.55
4	21.76	14.33	18.37	21.78	13.94	18.23	22.37	14.20	18.41	21.02	13.44	17.58
5	21.66	14.08	18.28	22.34	13.98	18.53	22.02	14.14	18.08	21.32	14.62	17.95
6	21.86	13.93	18.31	21.74	12.86	17.47	21.43	14.15	17.80	20.67	14.35	17.38
7	22.15	14.36	18.53	21.73	14.00	17.91	21.08	14.38	17.68	20.36	14.62	17.32
8	22.33	14.45	18.69	21.51	14.98	18.16	20.73	14.51	17.53	19.51	14.50	16.97
9	22.54	15.35	18.90	21.16	15.22	18.05	20.84	15.12	17.86	19.29	14.55	17.09
10	22.23	15.54	18.94	20.81	15.41	17.91	21.29	16.39	18.66	19.29	14.88	17.10
11	22.13	15.97	18.97	20.16	15.17	17.61	20.68	15.06	18.14	19.44	15.41	17.49
12	21.39	15.72	18.49	20.06	15.37	17.70	19.50	15.22	17.43	19.51	15.38	17.55
13	21.45	16.10	18.73	20.14	15.03	17.72	20.07	15.39	18.18	20.17	14.89	17.60
14	21.75	16.59	19.35	20.56	15.82	18.38	19.95	14.31	17.00	19.96	14.81	17.58
15	22.33	17.66	20.10	20.96	15.74	18.71	19.88	14.77	17.50	19.66	14.58	17.39
16	21.61	16.21	19.33	20.96	15.70	18.64	20.05	14.27	17.36	20.48	14.58	17.75
17	21.42	15.69	18.89	20.95	14.07	17.84	20.55	14.33	17.92	20.00	13.93	17.12
18	21.29	15.69	18.82	20.10	13.93	17.54	21.22	15.03	18.32	20.93	13.75	17.71
19	21.06	15.76	18.62	20.86	14.70	18.00	21.32	15.20	18.25	20.06	13.12	16.82
20	20.93	15.56	18.46	21.04	14.59	18.10	20.99	14.04	17.38	19.80	13.10	16.49
21	20.92	15.11	18.30	21.29	15.14	18.24	20.03	13.47	16.86	20.10	13.02	16.68
22	21.03	15.24	18.40	20.91	14.68	17.56	20.26	13.64	16.86	20.87	13.84	17.59
23	21.29	15.55	18.45	20.31	14.53	17.33	20.28	13.75	17.10	20.53	14.42	17.35
24	21.36	15.86	18.58	20.35	14.70	17.37	21.20	14.65	17.89	19.68	13.46	16.77
25	21.29	15.80	18.58	20.27	14.85	17.38	20.25	13.68	16.92	19.96	14.24	17.12
26	20.92	15.94	18.30	20.39	14.90	17.47	20.29	13.95	17.10	20.51	13.98	17.14
27	20.74	15.86	18.22	20.21	14.83	17.40	20.45	14.76	17.71	19.84	14.09	16.98
28	20.84	16.01	18.26	20.55	14.87	17.73	20.19	14.36	17.47	20.68	14.01	17.46
29	20.84	15.64	18.16	20.45	14.33	17.71	20.37	13.84	17.23	20.67	13.58	17.37
30	20.90	15.59	18.29	19.76	12.96	16.87	21.11	13.93	17.75	20.75	13.58	17.53
31	21.12	15.24	18.49	---	---	---	21.23	14.09	17.86	20.76	13.68	17.50
MONTH	22.54	13.93	18.63	22.34	12.86	17.90	22.37	13.36	17.65	22.03	13.02	17.33

COOPER RIVER BASIN

021720698 WANDO RIVER ABOVE MOUNT PLEASANT, SC--Continued

Gage height, feet
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	20.99	13.93	17.57	21.13	14.60	18.25	20.22	14.27	17.53	21.09	15.06	18.15
2	20.73	13.81	17.43	21.26	14.60	18.06	19.80	13.76	16.88	20.97	15.25	18.14
3	20.54	13.83	17.23	20.86	14.30	17.93	19.82	13.84	16.82	20.80	14.89	17.96
4	20.20	13.53	16.94	21.05	14.84	18.03	20.28	14.21	17.11	21.59	15.46	18.55
5	19.56	14.11	16.80	20.44	14.17	17.65	20.17	14.81	17.43	21.18	15.82	18.65
6	19.88	14.92	17.26	19.97	14.02	17.24	21.20	15.12	17.90	20.86	15.34	17.84
7	19.78	14.19	17.04	20.33	15.04	17.52	21.01	15.63	18.15	20.38	15.22	17.50
8	19.24	14.90	16.98	20.35	15.33	17.81	20.93	15.99	18.03	20.38	15.03	17.42
9	19.39	15.39	17.29	20.35	16.02	18.01	21.17	16.37	18.51	20.03	15.05	17.42
10	19.58	15.20	17.16	20.24	16.09	18.12	21.04	15.97	18.55	19.92	14.82	17.44
11	19.21	15.02	17.12	20.42	15.87	18.08	20.83	16.25	18.54	20.13	14.48	17.44
12	19.26	14.38	16.75	19.99	15.77	17.69	20.95	15.13	18.37	20.15	13.76	17.23
13	19.59	14.10	16.92	20.07	15.44	17.76	20.94	14.77	18.28	21.14	13.92	17.67
14	19.66	13.81	17.00	20.26	15.62	18.18	21.16	14.46	18.24	21.79	13.87	17.98
15	20.21	13.81	17.21	21.35	14.97	18.62	21.57	13.79	18.13	21.88	13.83	18.05
16	21.09	13.42	17.98	21.36	14.59	18.29	22.17	13.89	18.27	21.98	13.64	17.85
17	21.38	13.86	17.82	21.38	14.09	18.32	22.62	14.12	18.49	22.42	14.01	18.10
18	20.96	13.32	17.48	21.86	14.26	18.51	22.50	14.65	18.61	22.44	14.93	18.58
19	---	---	---	22.18	14.34	18.58	22.26	14.66	18.38	21.95	15.31	18.44
20	---	---	---	21.96	14.24	18.67	22.20	15.07	18.52	21.90	15.44	18.46
21	21.25	14.61	18.03	21.60	14.15	18.04	22.18	15.47	18.61	21.42	15.19	17.97
22	21.28	14.68	18.11	21.31	14.32	17.78	21.81	15.14	18.18	20.74	15.15	17.96
23	20.69	13.67	16.74	21.15	14.60	17.84	20.88	15.65	18.43	20.83	15.34	17.90
24	20.10	14.24	17.12	21.20	15.03	18.02	20.93	15.42	18.30	20.43	15.36	18.14
25	20.08	14.43	17.29	21.13	15.36	18.13	20.87	15.57	18.41	20.53	15.38	18.25
26	20.73	15.12	18.03	20.60	15.12	17.93	20.56	15.09	18.21	20.46	15.18	18.00
27	21.25	14.77	18.20	20.91	15.51	18.42	20.96	15.56	18.45	20.43	15.07	17.89
28	20.83	14.76	17.83	21.47	15.28	18.67	20.98	15.31	18.47	20.94	15.24	18.16
29	---	---	---	20.95	14.91	18.18	20.90	14.84	18.16	20.52	14.88	17.78
30	---	---	---	---	---	---	20.99	14.72	18.00	20.83	14.98	17.86
31	---	---	---	20.51	14.51	17.67	---	---	---	20.53	14.87	17.71
MONTH	---	---	---	---	---	---	22.62	13.76	18.13	22.44	13.64	17.95

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	20.75	14.08	17.40	21.25	14.58	17.76	---	---	---	20.76	14.17	17.52
2	20.98	15.08	17.82	20.44	14.57	17.69	---	---	---	20.81	14.29	17.53
3	20.73	15.55	18.05	20.24	14.28	17.19	---	---	---	20.79	14.38	17.55
4	20.35	14.83	17.71	20.27	14.10	17.17	---	---	---	20.88	14.64	17.73
5	20.34	14.72	17.33	20.26	14.38	17.27	---	---	---	21.32	14.73	18.01
6	20.58	15.16	17.77	20.13	14.31	17.22	---	---	---	21.88	15.56	18.84
7	20.76	14.97	17.70	20.10	14.03	17.14	---	---	---	21.83	15.50	18.77
8	20.20	14.52	17.41	20.34	13.77	17.16	21.17	14.22	17.65	21.89	15.18	18.80
9	20.43	14.07	17.46	20.95	13.86	17.39	21.17	13.66	17.54	22.06	15.46	18.89
10	21.08	14.31	17.87	21.22	13.67	17.55	21.13	13.35	17.27	21.77	15.51	18.84
11	21.51	14.02	17.97	21.25	13.35	17.44	20.96	13.64	17.37	21.90	15.82	19.08
12	21.68	13.72	17.94	21.35	13.04	17.34	20.99	13.86	17.50	21.64	15.63	18.93
13	21.66	13.43	17.69	21.19	13.59	17.51	21.02	14.01	17.58	21.02	15.44	18.40
14	21.75	13.54	17.67	21.12	13.40	17.41	20.69	14.27	17.69	21.06	15.32	18.38
15	21.61	13.52	17.54	21.11	13.83	17.54	20.32	14.27	17.57	20.83	15.62	18.40
16	21.43	13.74	17.52	20.77	14.09	17.49	20.20	14.54	17.53	20.86	15.83	18.50
17	21.32	14.44	17.88	20.25	14.11	17.32	19.83	14.32	17.32	21.08	16.73	18.80
18	21.17	14.73	18.03	20.18	14.24	17.45	19.77	14.54	17.28	20.51	16.52	18.42
19	21.14	14.58	17.81	20.06	14.32	17.25	20.01	15.23	17.64	19.97	15.59	17.78
20	20.43	15.02	17.73	19.76	14.48	17.44	20.13	15.53	17.81	20.45	15.72	18.05
21	20.70	15.26	18.30	20.06	15.01	17.60	20.11	15.42	17.75	21.01	16.18	18.50
22	20.68	15.59	18.28	19.57	14.42	17.11	20.06	15.29	17.53	21.31	15.88	18.76
23	20.60	15.38	18.15	19.35	14.22	16.83	19.99	14.89	17.34	21.33	14.93	18.48
24	20.40	15.12	17.92	19.68	14.39	16.93	20.61	14.76	17.65	21.99	15.49	18.90
25	20.46	15.10	17.87	19.87	14.72	17.26	21.00	14.82	18.06	22.25	15.14	19.02
26	20.60	15.08	17.83	20.44	14.61	17.44	21.12	14.38	17.92	22.13	15.05	18.96
27	20.70	14.80	17.74	20.63	14.44	17.48	21.16	14.06	17.78	22.26	15.20	18.96
28	20.83	14.94	17.85	20.56	13.87	17.23	21.07	13.82	17.61	22.24	14.91	18.71
29	20.64	14.50	17.61	20.88	13.99	17.32	21.15	13.91	17.69	22.09	14.93	18.60
30	20.84	14.75	17.69	20.89	13.99	17.37	20.93	14.11	17.75	21.95	15.17	18.60
31	---	---	---	20.66	14.01	17.36	20.80	14.04	17.57	---	---	---
MONTH	21.75	13.43	17.78	21.35	13.04	17.34	---	---	---	22.26	14.17	18.49

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: July 1992 to September 1995, April 1997 to current year.

WATER TEMPERATURE: July 1992 to September 1995, April 1997 to current year.

DISSOLVED OXYGEN: July 1992 to September 1995, April 1997 to current year.

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

REMARKS.--Specific conductance records rated excellent except for Feb. 19 to Mar. 5, Aug. 21-28, and Sep. 11-30 which are good, Oct. 16-29 and July 23 to Aug. 7, which are fair. Temperature records rated excellent. Dissolved oxygen records rated poor except for Oct. 8-16, Jan. 6-21, Feb. 5-19, Apr. 15-30, July 9-16, July 23 to Aug. 21, and Sep. 4-11, which are fair, Oct. 1-8 and Apr. 2-15, which are good, Nov. 15-26, Dec. 12-20, May 14-28, June 12-18, and July 16-23, which are excellent. Dissolved oxygen concentrations are not corrected for salinity.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 45,900 microsiemens, Nov. 15, 2001; minimum, 15,000 microsiemens, Feb. 21, 1998.

WATER TEMPERATURE: Maximum, 33.0°C, Aug. 1, 1999; minimum, 5.0°C, Jan. 3-5, 2001.

DISSOLVED OXYGEN: Maximum, 12.7 mg/L, Jan. 11, 2001; minimum, 3.4 mg/L, Jul. 14, 1999, Aug. 21, 2003.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 43,400 microsiemens, Aug. 20; minimum, 19,200 microsiemens, Mar. 23.

WATER TEMPERATURE: Maximum, 30.8°C, Aug. 31, Sep. 3; minimum, 6.0°C, Jan. 25.

DISSOLVED OXYGEN: Maximum, 11.8 mg/L, Feb. 5; minimum, 3.4 mg/L, Aug. 21.

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	38200	32500	34600	39900	32400	36400	37600	30800	33800	36800	28800	31600
2	36200	32100	34200	40100	32500	36500	39100	31000	34700	33900	28000	30400
3	37400	31000	34100	41200	32500	36500	38300	30600	34500	35000	28200	30300
4	38100	30600	33900	41200	32300	36400	41800	31600	35800	34100	27800	30000
5	38700	30400	34300	42400	32400	36900	41200	31700	35600	35100	28400	30400
6	39600	31000	34400	40600	31100	35000	39800	31800	35100	34100	28100	30100
7	40400	32100	35600	39200	32000	34500	38800	32200	34800	34300	28200	30500
8	40800	31900	35800	38700	32500	34400	38800	32400	34400	34200	28500	30200
9	41400	32500	36000	38700	32500	34200	38000	32800	34700	34600	28700	30900
10	40700	32400	35700	38200	32200	33800	41200	33500	35800	36200	28600	31400
11	38400	30800	34100	36700	31400	33000	39100	32400	35600	40000	28300	33100
12	35300	29200	31700	37200	29100	32000	36900	31400	34300	41200	29300	34000
13	35400	27700	30900	39000	29000	32500	37100	32000	34100	40500	31100	35700
14	36600	29300	31200	39700	30200	33700	35000	31100	32700	40500	32700	36000
15	39100	29100	32800	40600	29400	34200	35000	31100	32900	38600	33200	35900
16	38700	28400	32600	37700	29400	33200	35600	30800	32800	39500	33200	36600
17	37100	28700	32000	36500	27400	32100	37100	31000	33200	37600	33200	35800
18	36700	28200	32300	34400	27300	31100	37500	31100	34100	39000	33000	36100
19	36700	28800	32400	36800	28200	31800	38100	31400	34300	36300	33200	34800
20	35900	29100	32200	35900	28100	32100	36600	30500	33400	35800	32500	33800
21	37300	29000	32500	36100	28400	32200	34400	30100	32200	35300	31700	32800
22	37900	29400	33200	36200	28400	31500	35300	30300	32200	36900	31600	33100
23	39500	30000	34100	36700	27300	31000	35400	30200	32200	36400	31300	33500
24	39800	30700	34900	36400	28400	31300	38000	30300	32900	34900	30600	32700
25	42600	31400	35800	36800	28400	31800	34800	29000	31600	34500	30600	32600
26	42600	32700	36300	36600	28200	32100	34100	29000	30800	36000	30100	32500
27	42000	32600	36500	37300	29200	32800	35300	29600	31500	34400	31100	32600
28	43000	32600	37000	38400	30400	33900	34400	29200	31200	35800	31700	33400
29	39700	32100	35900	37900	30800	34300	34300	29000	30800	35900	31500	33500
30	38900	31900	35000	36600	30000	33500	35600	28900	31300	36400	31500	33500
31	39800	32000	35900	---	---	---	35800	29100	31700	36000	31700	33500
MONTH	43000	27700	34100	42400	27300	33500	41800	28900	33400	41200	27800	32900

COOPER RIVER BASIN

021720698 WANDO RIVER ABOVE MOUNT PLEASANT, SC--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	36400	31800	33200	36500	32500	34300	29600	25100	27400	33700	28000	30300
2	35100	31800	32900	37400	32300	34000	30100	24900	27400	33400	28000	30300
3	34700	31600	32600	34500	32100	33200	30700	26100	27900	34200	27600	30100
4	33800	30300	32100	34400	31600	32700	31400	26400	28200	36000	28600	31100
5	36700	30800	32700	33600	30600	32200	33600	26700	28800	34800	29100	31600
6	37200	32400	33700	32500	27900	31100	34000	26800	29500	33500	28800	30700
7	36800	32500	34100	32500	27700	30200	34000	26800	30700	33400	27700	29500
8	37300	33000	34400	34100	29600	30900	33400	27200	30000	33800	27600	29200
9	37700	32100	34700	34100	28500	31400	38100	26100	30500	32600	27700	29400
10	39900	33400	35400	35300	30400	32000	39300	27100	31600	35200	27800	30000
11	40300	33500	35800	36000	28700	32300	37900	25400	31400	34400	27800	30300
12	39200	33000	35600	34600	29600	31800	36500	26800	30900	35300	27200	30800
13	39800	33600	36200	37700	30400	32400	34500	26700	30500	37000	27700	32200
14	40100	34300	36400	37400	31200	32900	34400	26400	30500	40600	28100	33600
15	38900	34300	36600	36800	31000	33600	35000	25900	30300	40300	30300	35000
16	40400	34000	37400	36800	31000	33500	35800	26200	30700	40800	30500	34900
17	41200	34200	37500	35900	30500	33200	36800	26700	31100	42400	31000	35200
18	39900	34000	37000	36400	30100	33000	36900	27100	31400	42000	32200	36100
19	---	---	---	37000	29600	32800	36500	27200	31000	41900	32600	35900
20	---	---	---	36200	28000	31900	36200	27600	30900	41200	32700	35700
21	38700	33700	35300	32800	25400	28500	36000	24600	29300	39300	31700	34400
22	39100	33500	35200	28800	19500	25000	30900	25600	28800	36000	31900	33200
23	35900	31200	33700	26600	19200	23300	32300	28200	29700	34600	30400	31900
24	35200	29600	32500	28000	21500	23900	34600	28000	30200	33900	30000	31300
25	35700	28900	31900	29700	23000	24900	34800	27400	30500	33400	29400	31100
26	36500	31600	33000	29900	23700	25400	32500	27300	29800	32500	29300	30500
27	37100	32300	33700	32800	23900	26400	33400	25300	29800	32800	28900	30400
28	36200	31900	33700	33100	24800	28000	34000	27700	30600	37300	29100	31900
29	---	---	---	31800	24800	27900	34200	26600	30400	36100	29600	32000
30	---	---	---	29900	25000	27600	34100	27800	30300	37100	30000	32300
31	---	---	---	30400	24700	27400	---	---	---	35100	30200	32300
MONTH	---	---	---	37700	19200	30200	39300	24600	30000	42400	27200	32000
DAY	Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius											
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	37100	30000	32400	39000	31700	34100	---	---	---	39200	35100	36500
2	37300	30400	33100	36100	31900	34000	---	---	---	40100	33500	36400
3	36100	27900	32100	35100	31400	32900	---	---	---	40100	35000	36400
4	35000	29400	31800	34800	31200	32200	---	---	---	39900	33900	36100
5	34400	28800	30800	34800	30800	31900	---	---	---	41300	34300	36100
6	33300	27000	30500	34700	30700	31900	---	---	---	40600	33200	36400
7	---	---	---	36200	30500	31800	---	---	---	40400	32500	35700
8	---	---	---	36800	30500	31900	38800	28200	32100	40000	31600	35500
9	32900	28000	29800	37900	30700	32300	37100	27800	31800	38600	31600	34900
10	34700	27900	29900	37800	30500	32700	36800	27600	31500	37000	31300	33800
11	34300	27800	30100	36500	30300	32900	37900	28200	31900	36800	31400	33400
12	35900	27600	30800	37600	30800	32800	38800	28500	32500	36200	31000	33000
13	35900	28800	31300	36300	31200	33100	39700	28900	33500	34400	30000	31700
14	35600	28900	31200	36400	29000	32800	39100	30600	34400	34100	29800	31200
15	36600	27800	30400	37400	29700	32800	38100	31000	34400	33800	29900	31500
16	36700	28900	31300	36700	30900	32900	37900	31500	34300	37000	30200	32400
17	37100	29100	31300	36300	31000	32800	37100	31500	34200	39900	30600	34700
18	35500	29800	31300	35700	30900	32600	37700	32000	34300	40800	32400	36200
19	35300	27900	30500	35600	30800	32200	41000	30900	35200	38800	31500	34400
20	34600	26000	29700	35100	30700	32100	43400	31800	36500	39800	32100	35700
21	34400	27400	30000	37400	30500	32200	41600	32100	36300	40900	33800	36600
22	36500	27900	30600	33100	30200	31500	41200	31900	36400	39800	34000	36900
23	36900	29500	31400	37000	30200	32000	40400	33400	36400	39300	33300	36600
24	37500	29800	32000	38000	30100	32300	41200	33500	36800	40800	34000	37100
25	37900	30400	32700	38300	31100	33600	43000	34700	37900	41200	33800	37500
26	38700	30400	32900	38100	30500	34000	41500	34700	37700	41400	33900	37400
27	36600	30800	33000	37600	30700	32700	40500	34800	37600	41400	34200	37500
28	39200	28600	32900	36200	29700	31500	40600	34900	37400	40800	34000	36900
29	36800	31300	33300	36900	29000	31400	40500	35100	37400	40700	34300	36500
30	37800	31400	33400	38200	29100	32000	40800	35200	37300	40400	34500	36200
31	---	---	---	---	---	---	39800	35200	36800	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	41400	29800	35400

021720698 WANDO RIVER ABOVE MOUNT PLEASANT, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	27.6	27.2	27.4	22.2	21.1	21.6	14.4	12.7	13.8	11.7	10.9	11.3
2	27.7	27.2	27.4	21.5	20.4	21.0	13.9	12.6	13.4	11.7	11.3	11.5
3	27.8	27.3	27.5	20.9	20.0	20.5	13.5	12.3	13.1	11.7	11.3	11.5
4	28.0	27.3	27.6	20.5	19.5	20.1	13.2	11.8	12.6	11.3	10.7	11.0
5	28.0	27.5	27.7	20.0	19.2	19.7	12.3	10.9	11.7	11.1	10.6	10.9
6	28.4	27.7	27.9	20.1	19.4	19.7	11.8	10.6	11.3	11.1	10.6	10.9
7	28.6	27.9	28.1	19.6	18.9	19.3	11.6	10.6	11.1	10.8	10.4	10.6
8	28.2	27.3	27.9	19.5	18.5	19.1	11.5	10.5	11.1	10.7	9.9	10.2
9	27.4	26.6	27.0	19.5	18.6	19.1	11.3	10.7	11.0	10.8	9.9	10.3
10	26.9	26.0	26.6	19.8	19.1	19.4	11.0	10.4	10.6	11.1	10.4	10.7
11	26.6	26.2	26.5	20.5	19.4	19.8	10.6	10.1	10.5	10.7	10.1	10.4
12	27.0	26.1	26.5	20.4	19.9	20.1	10.9	10.1	10.5	10.5	9.5	10.1
13	26.8	26.4	26.6	20.2	19.4	19.8	11.0	10.4	10.7	10.3	9.4	9.9
14	26.7	25.1	26.1	19.8	18.6	19.2	11.0	10.5	10.7	10.2	9.3	9.8
15	25.8	23.7	24.8	19.4	18.3	19.0	11.0	10.1	10.5	9.9	9.0	9.6
16	24.7	22.8	23.9	19.2	18.7	19.0	10.8	10.1	10.4	9.8	9.3	9.6
17	23.9	22.6	23.3	19.1	17.2	18.6	10.8	10.3	10.5	9.7	8.9	9.5
18	23.4	22.0	22.8	18.1	16.6	17.5	10.9	10.4	10.6	9.4	8.4	9.0
19	22.8	21.7	22.3	17.6	16.3	17.1	11.2	10.6	10.9	8.8	7.8	8.3
20	22.7	21.7	22.3	17.3	16.4	17.0	12.2	11.2	11.6	8.5	7.3	8.1
21	22.6	21.9	22.4	17.2	16.4	17.0	11.9	11.3	11.6	8.8	7.8	8.4
22	22.5	21.8	22.2	17.1	16.5	16.8	11.7	11.3	11.5	8.8	8.5	8.7
23	22.1	21.5	21.9	16.7	15.4	16.1	12.0	11.4	11.7	8.6	7.6	8.1
24	21.8	21.3	21.6	16.3	15.2	15.9	12.1	11.6	11.8	7.8	6.2	7.0
25	21.5	21.1	21.3	16.3	15.0	15.9	12.2	11.5	12.0	7.7	6.0	6.9
26	21.4	21.0	21.2	16.8	15.3	16.0	11.9	10.9	11.4	7.3	6.4	6.9
27	21.9	20.9	21.3	16.3	15.6	16.0	11.5	10.6	11.2	7.2	6.4	6.8
28	22.2	21.3	21.7	16.1	14.7	15.4	11.2	10.3	10.9	7.1	6.2	6.7
29	22.9	21.7	22.2	15.6	14.0	14.9	11.2	10.0	10.6	7.4	6.5	6.9
30	23.0	22.1	22.6	14.9	13.4	14.2	11.1	10.4	10.7	7.7	7.0	7.3
31	22.7	22.0	22.2	---	---	---	11.0	10.6	10.8	7.7	7.5	7.6
MONTH	28.6	20.9	24.5	22.2	13.4	18.2	14.4	10.0	11.3	11.7	6.0	9.2

Temperature, water, degrees Celsius												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	8.0	7.6	7.8	12.0	11.6	11.7	17.4	16.8	17.2	23.1	22.0	22.4
2	8.5	7.8	8.1	12.6	11.7	12.0	17.6	16.8	17.1	23.6	21.9	22.6
3	9.1	8.2	8.5	13.1	11.9	12.3	18.0	17.0	17.4	24.0	22.4	23.0
4	9.9	8.7	9.2	12.9	12.1	12.5	18.3	17.2	17.7	24.0	22.7	23.2
5	10.0	9.0	9.4	13.7	12.3	12.8	19.0	17.5	18.1	23.7	22.7	23.2
6	9.7	9.2	9.4	14.4	12.8	13.4	19.1	18.0	18.5	24.6	22.9	23.7
7	9.5	9.1	9.3	14.0	12.8	13.4	19.4	18.0	18.6	25.6	23.3	24.2
8	9.7	9.0	9.3	14.2	12.8	13.3	18.9	18.0	18.5	25.6	23.4	24.5
9	9.7	9.0	9.4	14.2	13.0	13.5	18.3	17.7	17.9	26.1	23.9	24.9
10	9.9	9.3	9.5	14.5	13.0	13.7	17.7	16.8	17.2	26.6	24.1	25.3
11	10.1	9.2	9.6	15.4	13.2	14.1	17.2	16.1	16.7	26.7	24.5	25.5
12	10.1	9.3	9.7	15.9	13.5	14.8	17.4	16.0	16.7	26.2	24.6	25.3
13	10.0	9.2	9.7	16.1	13.7	15.0	18.2	16.8	17.2	25.7	23.9	24.7
14	10.0	9.5	9.7	15.6	14.1	14.8	18.5	17.3	17.8	25.1	23.8	24.3
15	10.7	9.6	10.0	14.9	13.9	14.2	19.3	17.9	18.5	24.6	23.6	24.0
16	10.9	10.2	10.4	15.0	13.8	14.3	20.1	18.5	19.1	24.4	23.6	24.0
17	10.6	9.9	10.2	15.2	14.2	14.6	20.4	19.1	19.7	24.8	23.9	24.3
18	10.0	9.7	9.9	16.0	14.3	14.8	20.9	19.6	20.2	24.6	23.9	24.2
19	---	---	---	16.3	14.7	15.3	20.8	20.1	20.4	24.3	23.6	24.0
20	---	---	---	17.1	15.3	15.9	21.4	20.1	20.5	24.0	23.1	23.6
21	11.3	10.3	10.7	18.1	15.8	16.8	21.8	20.5	21.0	24.3	23.6	23.9
22	12.5	10.6	11.4	19.1	16.3	17.4	22.4	20.8	21.4	24.2	23.8	24.0
23	13.0	11.4	12.2	18.4	16.7	17.5	22.0	20.8	21.3	24.2	23.8	23.9
24	13.1	11.6	12.3	18.6	16.6	17.6	21.8	20.5	21.2	24.6	23.8	24.0
25	13.1	11.8	12.5	18.7	16.6	17.7	21.5	20.4	21.0	25.1	24.0	24.4
26	12.8	12.1	12.4	19.1	16.9	17.9	21.5	20.4	20.9	25.5	24.4	24.9
27	12.7	11.9	12.1	19.0	17.3	18.0	21.6	20.5	21.0	25.6	24.6	25.1
28	12.2	11.5	11.7	19.1	17.3	18.0	22.0	20.5	21.3	25.5	24.6	24.9
29	---	---	---	19.8	17.7	18.6	23.0	21.0	21.7	25.3	24.5	24.9
30	---	---	---	19.9	18.0	18.7	23.3	21.4	22.2	25.2	24.3	24.7
31	---	---	---	18.6	17.3	17.8	---	---	---	25.4	24.3	24.9
MONTH	---	---	---	19.9	11.6	15.2	23.3	16.0	19.3	26.7	21.9	24.2

COOPER RIVER BASIN

021720698 WANDO RIVER ABOVE MOUNT PLEASANT, SC--Continued

Temperature, water, degrees Celsius
 WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	25.6	24.7	25.1	28.6	27.3	28.1	---	---	---	30.7	29.1	29.9
2	25.7	24.7	25.2	27.9	27.2	27.6	---	---	---	30.7	28.9	29.9
3	25.4	24.9	25.1	28.2	27.2	27.6	---	---	---	30.8	29.0	30.0
4	25.3	24.9	25.1	28.7	27.5	28.0	---	---	---	30.5	29.0	29.9
5	26.0	24.9	25.3	28.9	27.7	28.3	---	---	---	30.2	28.6	29.6
6	26.2	25.2	25.7	29.3	27.9	28.5	---	---	---	29.4	27.4	28.2
7	26.4	25.4	25.8	29.4	28.0	28.7	---	---	---	27.4	26.3	26.8
8	26.6	25.6	26.0	29.7	28.0	28.8	28.9	26.9	28.0	26.4	25.7	26.1
9	27.2	25.8	26.3	30.0	28.2	29.0	28.9	27.3	28.1	26.0	25.5	25.7
10	27.7	26.1	26.8	29.9	28.4	29.1	29.0	27.5	28.2	25.7	25.4	25.5
11	28.1	26.5	27.2	29.6	28.3	29.0	29.0	27.4	28.1	25.4	24.9	25.1
12	28.4	27.0	27.6	29.7	28.4	29.0	29.1	27.3	28.0	25.0	24.6	24.7
13	28.6	27.2	27.8	29.1	28.2	28.6	29.2	27.3	28.1	25.2	24.4	24.8
14	28.9	27.4	28.0	28.6	27.9	28.2	29.4	27.4	28.3	25.8	24.7	25.2
15	29.3	27.6	28.2	28.8	27.8	28.1	29.6	27.9	28.6	26.3	24.9	25.5
16	29.5	27.8	28.5	28.9	27.8	28.3	29.8	28.3	28.9	26.5	25.2	25.8
17	29.3	27.7	28.4	29.4	28.1	28.7	29.8	28.5	29.1	26.0	25.3	25.6
18	29.0	27.6	28.3	29.5	28.4	28.9	29.8	28.5	29.1	25.6	25.1	25.4
19	29.1	27.6	28.3	29.5	28.4	29.0	29.8	28.0	29.0	25.6	24.5	25.2
20	29.4	27.7	28.4	29.7	28.5	29.0	29.5	27.6	28.8	25.9	25.0	25.3
21	29.0	27.3	28.2	29.8	28.4	29.2	29.2	27.4	28.5	26.0	25.2	25.5
22	28.9	27.0	28.0	29.6	28.4	29.1	29.1	27.7	28.4	26.3	25.5	25.8
23	28.7	27.0	28.0	29.1	28.3	28.8	29.3	28.0	28.6	26.3	25.7	25.9
24	28.7	26.9	27.9	28.7	27.9	28.3	29.2	28.0	28.6	26.0	25.6	25.8
25	28.7	27.2	28.0	28.5	28.0	28.3	28.8	27.5	28.2	26.0	25.6	25.8
26	28.9	27.4	28.1	28.4	27.7	28.0	29.0	27.7	28.3	26.0	25.7	25.8
27	29.0	27.6	28.2	28.7	27.9	28.2	29.4	27.9	28.6	26.2	25.7	25.8
28	29.2	27.7	28.3	28.5	27.8	28.2	29.8	28.3	28.9	26.5	25.8	26.1
29	28.9	27.6	28.2	28.6	27.7	28.0	30.1	28.4	29.1	25.9	25.0	25.5
30	28.8	27.5	28.1	29.1	27.6	28.2	30.4	28.5	29.4	25.2	24.2	24.7
31	---	---	---	---	---	---	30.8	28.9	29.7	---	---	---
MONTH	29.5	24.7	27.3	---	---	---	---	---	---	30.8	24.2	26.4

021720698 WANDO RIVER ABOVE MOUNT PLEASANT, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	5.5	4.3	4.8	7.2	6.1	6.8	8.6	8.2	8.4	9.9	9.4	9.7
2	5.6	4.3	4.9	7.3	6.3	6.8	8.6	8.2	8.4	9.8	9.1	9.5
3	5.5	4.3	4.8	7.1	6.3	6.7	8.6	8.1	8.4	9.6	9.1	9.3
4	5.4	4.2	4.7	7.0	6.2	6.6	9.1	8.4	8.8	10.1	9.1	9.5
5	5.0	3.8	4.6	7.2	6.3	6.8	9.2	8.6	8.9	9.9	9.4	9.6
6	5.1	3.8	4.5	7.4	6.7	7.2	9.4	8.6	9.0	9.9	9.5	9.7
7	4.9	3.8	4.4	7.8	7.4	7.5	9.6	8.8	9.1	10.1	9.6	9.8
8	5.1	3.7	4.5	7.7	7.4	7.6	9.7	8.9	9.2	10.2	9.7	10.0
9	5.3	4.3	4.8	7.9	7.4	7.6	9.9	8.9	9.4	10.3	9.7	10.1
10	5.6	4.5	5.1	8.0	7.5	7.6	10.1	9.2	9.7	10.5	9.8	10.1
11	5.8	5.1	5.5	8.1	7.5	7.7	10.1	9.4	9.7	10.7	9.9	10.2
12	6.0	5.0	5.4	8.1	7.6	7.8	10.3	9.4	9.8	10.9	9.7	10.3
13	5.7	4.8	5.2	8.2	7.6	7.9	10.1	9.7	9.9	10.9	9.8	10.2
14	6.3	4.8	5.4	8.3	7.6	8.0	10.4	9.8	10.0	10.5	9.7	10.1
15	6.4	5.5	6.0	8.1	7.5	7.9	10.3	9.8	10.0	10.7	9.6	10.2
16	6.3	5.5	5.9	7.9	7.2	7.6	10.2	9.8	10.0	10.4	9.8	10.1
17	6.2	5.5	5.8	8.1	7.2	7.6	10.3	9.8	10.0	10.6	9.8	10.1
18	6.3	5.4	5.9	8.3	7.7	8.0	10.4	9.9	10.1	10.6	10.0	10.3
19	6.2	5.6	5.9	8.3	7.9	8.1	10.2	9.7	9.9	10.7	10.0	10.3
20	6.2	5.3	5.9	8.2	7.8	8.1	9.9	9.3	9.6	11.1	10.1	10.5
21	6.1	5.2	5.8	8.3	7.8	8.1	9.5	9.1	9.4	10.9	10.2	10.6
22	6.4	5.4	5.9	8.5	7.7	8.2	9.7	9.2	9.4	10.6	10.2	10.4
23	6.6	5.7	6.2	8.8	8.2	8.5	9.8	9.3	9.5	10.5	10.1	10.3
24	6.9	6.1	6.6	8.9	8.4	8.6	9.8	9.4	9.6	11.0	10.3	10.6
25	7.3	6.4	6.9	8.9	8.2	8.5	9.7	9.2	9.5	11.1	10.4	10.8
26	7.2	6.1	6.9	8.7	7.8	8.3	9.9	9.5	9.7	11.2	10.6	10.9
27	7.3	6.4	6.9	8.4	7.5	7.9	10.1	9.5	9.8	11.5	10.6	11.0
28	7.2	6.3	6.8	8.4	7.7	8.1	10.2	9.6	9.9	11.6	10.7	11.1
29	7.1	6.2	6.8	8.5	7.9	8.2	10.2	9.7	9.9	11.7	10.8	11.3
30	7.0	6.2	6.7	8.7	8.1	8.4	10.2	9.7	10.0	11.6	10.8	11.2
31	7.1	6.4	6.7	---	---	---	10.1	9.6	9.8	11.5	10.8	11.1
MONTH	7.3	3.7	5.7	8.9	6.1	7.8	10.4	8.1	9.5	11.7	9.1	10.3

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	11.3	10.6	11.0	9.5	8.7	9.2	8.0	7.2	7.6	6.9	6.2	6.6
2	11.5	10.6	11.0	9.4	8.8	9.1	8.7	7.6	8.1	7.0	6.1	6.6
3	11.5	10.6	11.0	9.5	8.6	9.1	8.8	7.8	8.4	7.2	6.3	6.7
4	11.2	10.3	10.8	9.6	8.8	9.2	8.9	8.0	8.5	7.2	6.2	6.6
5	11.8	10.3	10.9	9.4	8.9	9.2	8.8	7.9	8.4	7.3	6.2	6.7
6	11.3	10.2	10.9	9.4	8.9	9.1	8.6	7.9	8.3	7.2	6.2	6.7
7	10.9	10.0	10.5	9.4	8.8	9.1	8.4	7.6	8.0	7.7	6.5	6.9
8	11.0	9.9	10.4	9.5	8.9	9.2	8.2	7.4	7.7	7.5	6.5	7.0
9	11.5	9.9	10.5	9.5	8.9	9.2	8.3	7.2	7.7	8.0	6.5	7.0
10	11.0	9.8	10.4	9.9	8.8	9.2	8.2	7.4	7.8	7.8	6.4	7.0
11	11.5	9.8	10.6	9.8	8.8	9.3	8.5	7.2	7.7	7.7	6.4	7.1
12	11.2	9.9	10.6	9.9	8.8	9.4	8.2	7.4	7.8	8.4	6.4	7.4
13	11.3	9.6	10.5	9.6	8.6	9.1	8.2	7.3	7.8	7.9	6.6	7.3
14	10.9	9.5	10.4	9.4	8.4	8.9	7.8	7.3	7.5	7.9	6.4	7.2
15	10.9	9.5	10.4	9.2	8.4	8.8	7.6	6.8	7.3	7.0	5.4	6.3
16	10.8	9.7	10.2	8.9	7.9	8.5	7.6	6.9	7.2	6.8	5.2	6.2
17	10.3	9.6	9.9	8.5	7.6	8.2	7.4	6.7	7.0	6.7	5.1	5.9
18	10.2	9.4	9.8	8.4	7.5	8.0	7.4	6.5	7.0	6.8	5.3	6.3
19	---	---	---	8.3	7.4	7.9	7.3	6.4	6.8	6.6	4.9	6.1
20	---	---	---	8.2	7.2	7.7	7.1	6.1	6.5	6.8	5.5	6.3
21	9.8	9.0	9.4	8.0	7.0	7.5	7.0	6.0	6.5	6.9	5.1	6.2
22	9.5	9.0	9.2	7.5	6.9	7.2	7.1	6.1	6.5	7.0	6.2	6.6
23	9.3	8.6	9.0	7.3	6.4	7.0	7.4	6.4	6.8	7.2	6.3	6.7
24	9.7	8.8	9.2	7.5	6.6	7.0	7.1	6.4	6.8	7.2	6.1	6.7
25	9.6	9.0	9.3	7.3	6.7	7.1	7.2	6.4	6.8	7.2	6.2	6.7
26	9.6	9.0	9.3	7.4	6.6	7.1	7.2	6.3	6.7	7.1	6.1	6.5
27	9.4	8.7	9.2	7.6	6.7	7.1	7.2	6.5	6.8	6.9	5.8	6.2
28	9.6	8.7	9.1	7.8	6.7	7.2	7.1	6.5	6.8	7.2	5.6	6.2
29	---	---	---	7.7	6.6	7.0	7.2	6.4	6.8	7.0	5.8	6.4
30	---	---	---	7.6	6.5	7.0	7.0	6.3	6.7	7.4	6.0	6.6
31	---	---	---	7.8	6.9	7.3	---	---	---	7.6	5.8	6.7
MONTH	---	---	---	9.9	6.4	8.3	8.9	6.0	7.3	8.4	4.9	6.6

COOPER RIVER BASIN

021720698 WANDO RIVER ABOVE MOUNT PLEASANT, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	8.0	6.0	6.8	6.3	4.8	5.6	---	---	---	6.2	3.8	5.1
2	7.6	5.8	6.5	6.0	5.0	5.6	---	---	---	6.1	4.3	5.3
3	7.4	5.6	6.5	6.2	4.0	5.5	---	---	---	6.5	4.5	5.3
4	7.0	5.5	6.1	6.7	4.3	5.5	---	---	---	6.3	3.8	5.1
5	7.5	5.5	6.4	7.2	4.6	6.0	---	---	---	6.1	3.7	5.0
6	8.2	5.8	6.7	7.4	4.9	6.2	---	---	---	6.3	4.2	5.6
7	7.7	6.4	7.1	7.6	4.8	6.2	---	---	---	6.6	5.2	6.0
8	7.4	6.1	6.8	---	---	---	6.2	5.1	5.6	6.5	5.2	6.0
9	7.5	6.1	6.8	---	---	---	6.4	5.1	5.6	6.4	4.9	5.8
10	7.2	5.7	6.6	6.2	5.2	5.8	6.3	5.1	5.5	6.5	4.4	5.6
11	7.5	5.9	6.5	6.6	5.1	5.8	6.0	4.6	5.4	6.5	4.5	5.8
12	7.2	5.9	6.4	6.4	5.0	5.7	5.7	4.2	5.1	6.4	4.9	5.9
13	6.7	5.6	6.1	5.9	5.2	5.5	6.1	4.3	5.3	6.4	4.7	5.8
14	6.6	5.3	5.8	6.0	4.7	5.3	6.1	5.0	5.6	6.5	4.4	5.9
15	6.5	5.0	5.7	5.6	4.8	5.2	6.1	5.0	5.5	6.8	4.4	5.6
16	5.9	4.9	5.5	5.8	4.7	5.3	6.0	4.9	5.5	6.5	4.1	5.2
17	6.1	4.8	5.3	6.3	4.8	5.6	6.2	4.9	5.6	7.0	4.4	5.6
18	6.0	4.6	5.4	6.4	5.0	5.7	6.1	4.8	5.6	7.2	4.4	5.7
19	6.8	5.1	5.8	6.6	5.0	5.7	5.8	4.8	5.2	7.1	5.1	5.7
20	7.1	5.4	6.2	6.8	4.8	5.8	5.9	4.1	5.0	7.0	4.7	5.5
21	7.5	5.5	6.3	6.4	4.7	5.6	5.4	3.4	4.6	7.4	4.6	5.8
22	8.3	5.8	6.8	6.5	4.8	5.6	5.2	4.0	4.6	7.4	4.9	6.0
23	8.0	5.8	6.8	7.0	4.8	5.8	5.6	3.5	4.6	6.7	5.2	5.9
24	7.0	5.5	6.3	6.8	5.2	6.2	6.0	4.0	5.2	7.0	5.2	6.1
25	7.1	4.2	5.9	6.4	5.2	5.8	5.8	4.1	5.2	6.3	4.5	5.8
26	7.0	5.1	6.0	6.3	5.0	5.7	6.5	4.2	5.2	5.9	4.8	5.4
27	7.4	5.0	6.2	6.6	4.6	5.6	6.4	4.3	5.3	5.8	4.5	5.3
28	6.9	5.1	6.1	5.9	4.7	5.4	5.7	3.7	5.0	6.1	4.6	5.5
29	6.8	5.1	5.9	6.3	4.6	5.4	5.6	4.1	4.8	6.6	5.0	6.0
30	6.9	5.0	5.9	6.3	4.8	5.5	5.5	3.8	4.8	6.9	4.8	6.0
31	---	---	---	6.2	4.6	5.4	5.6	4.2	4.9	---	---	---
MONTH	8.3	4.2	6.2	---	---	---	---	---	---	7.4	3.7	5.6

COOPER RIVER BASIN

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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 10 ft 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, 10.71 ft, Oct. 9; minimum gage height, 1.15 ft, Nov. 6.

Gage height, feet
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	9.46	4.71	7.00	9.59	3.41	6.77	8.53	2.21	5.61	10.10	2.36	6.00
2	9.38	4.06	6.79	9.63	3.01	6.74	9.48	2.03	6.01	9.13	1.94	5.76
3	9.52	3.39	6.57	9.75	2.88	6.53	9.27	1.88	6.00	9.43	2.47	5.79
4	9.86	2.95	6.61	9.89	2.44	6.45	10.55	2.73	6.67	9.18	1.95	5.84
5	9.73	2.67	6.50	10.47	2.52	6.71	10.18	2.65	6.31	9.46	3.12	6.20
6	9.93	2.53	6.54	9.61	1.15	5.47	9.60	2.67	6.07	8.83	2.82	5.64
7	10.23	2.91	6.76	9.68	2.33	5.97	9.23	2.92	5.95	8.52	3.11	5.59
8	10.41	3.03	6.96	9.43	3.28	6.21	8.89	3.04	5.81	7.62	2.88	5.25
9	10.71	3.94	7.22	9.11	3.50	6.11	9.03	3.61	6.17	7.45	2.98	5.36
10	10.37	4.12	7.26	8.81	3.66	5.99	9.47	4.84	6.97	7.41	3.25	5.39
11	10.27	4.51	7.26	8.10	3.41	5.68	8.90	3.51	6.43	7.64	3.80	5.78
12	9.52	4.32	6.79	8.07	3.61	5.80	7.72	3.67	5.75	7.69	3.82	5.86
13	9.53	4.62	7.01	8.13	3.30	5.83	8.25	3.91	6.50	8.33	3.37	5.87
14	9.91	5.11	7.64	8.55	4.09	6.46	8.11	2.76	5.28	8.12	3.21	5.84
15	10.45	6.02	8.30	9.00	4.21	6.85	8.06	3.26	5.80	7.85	3.01	5.66
16	9.69	4.61	7.51	9.08	4.13	6.87	8.15	2.77	5.65	8.64	3.03	5.99
17	9.44	4.12	7.07	9.07	2.39	6.08	8.73	2.93	6.20	8.20	2.45	5.38
18	9.40	4.13	7.02	8.29	2.37	5.80	9.41	3.54	6.59	9.10	2.24	5.95
19	9.16	4.16	6.83	9.05	3.20	6.26	9.47	3.72	6.51	8.24	1.61	5.07
20	9.08	3.99	6.65	9.13	3.10	6.36	9.07	2.57	5.62	7.90	1.59	4.75
21	9.05	3.54	6.52	9.37	3.62	6.49	8.18	1.93	5.14	8.20	1.49	4.92
22	9.25	3.71	6.63	9.01	3.14	5.82	8.40	2.18	5.13	9.01	2.36	5.83
23	9.37	3.95	6.67	8.44	2.96	5.60	8.47	2.25	5.38	8.64	2.96	5.62
24	9.50	4.33	6.83	8.52	3.17	5.65	9.30	3.17	6.16	7.87	1.76	5.06
25	9.42	4.23	6.83	8.44	3.31	5.67	8.47	2.11	5.20	8.12	2.74	5.38
26	9.04	4.38	6.55	8.55	3.36	5.75	8.44	2.44	5.40	8.64	2.40	5.39
27	8.85	4.23	6.47	8.39	3.29	5.69	8.64	3.29	5.98	8.00	2.57	5.25
28	8.97	4.43	6.52	8.74	3.35	6.01	8.38	2.89	5.74	8.81	2.46	5.69
29	9.02	4.04	6.44	8.60	2.76	5.96	8.52	2.34	5.50	8.78	2.07	5.60
30	9.03	4.01	6.55	7.94	1.45	5.12	9.22	2.43	5.98	8.87	2.10	5.76
31	9.23	3.75	6.72	---	---	---	9.34	2.67	6.09	8.92	2.19	5.74
MONTH	10.71	2.53	6.87	10.47	1.15	6.09	10.55	1.88	5.92	10.10	1.49	5.59

COOPER RIVER BASIN

021720709 COOPER RIVER AT U.S. HIGHWAY 17 AT CHARLESTON, SC--Continued

Gage height, feet
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	9.12	2.43	5.80	9.32	3.12	6.51	8.41	2.78	5.79	9.23	3.56	6.41
2	8.87	2.31	5.67	9.30	3.04	6.20	7.97	2.24	5.15	9.15	3.74	6.41
3	8.67	2.34	5.48	8.85	2.73	6.06	8.01	2.32	5.10	9.06	3.38	6.24
4	8.35	2.04	5.18	9.01	3.17	6.13	8.41	2.70	5.39	9.76	3.94	6.82
5	7.69	2.60	5.07	8.42	2.66	5.82	8.39	3.25	5.72	9.35	4.30	6.92
6	8.02	3.35	5.55	8.13	2.54	5.52	9.33	3.61	6.20	8.87	3.75	6.11
7	7.82	2.66	5.33	8.50	3.50	5.83	9.02	4.05	6.43	8.54	3.71	5.82
8	7.46	3.31	5.28	8.51	3.83	6.12	9.08	4.40	6.36	8.51	3.47	5.72
9	7.55	3.83	5.59	8.45	4.48	6.32	9.28	4.84	6.84	8.17	3.51	5.71
10	7.78	3.50	5.47	8.42	4.55	6.44	9.30	4.40	6.87	8.12	3.29	5.72
11	7.41	3.43	5.42	8.61	4.32	6.40	8.98	4.71	6.83	8.31	2.95	5.69
12	7.43	2.81	5.04	8.18	4.18	6.01	9.08	3.62	6.62	8.28	2.25	5.46
13	7.72	2.54	5.19	8.25	3.91	6.06	9.11	3.29	6.51	9.29	2.40	5.87
14	7.83	2.27	5.25	8.41	4.15	6.47	9.31	2.84	6.45	9.91	2.38	6.17
15	8.36	2.21	5.44	9.45	3.47	6.83	9.69	2.29	6.33	10.01	2.33	6.26
16	9.27	1.92	6.21	9.38	2.92	6.45	10.27	2.40	6.47	10.07	2.18	6.06
17	9.54	2.36	6.04	9.43	2.55	6.43	10.69	2.63	6.69	10.55	2.52	6.33
18	9.11	1.84	5.71	9.68	2.57	6.48	10.58	3.15	6.81	10.61	3.46	6.81
19	9.27	2.18	5.85	9.93	2.59	6.47	10.37	3.14	6.60	10.09	3.82	6.69
20	9.23	2.37	5.87	9.68	2.30	6.46	10.30	3.59	6.76	9.95	3.97	6.71
21	9.37	3.14	6.28	9.70	2.28	6.07	10.25	3.97	6.85	9.57	3.68	6.23
22	9.39	3.20	6.34	9.28	2.82	6.03	9.97	3.62	6.43	8.92	3.65	6.24
23	8.93	2.16	5.01	9.24	3.09	6.09	9.08	4.16	6.70	9.03	3.81	6.20
24	8.26	2.72	5.41	9.33	3.54	6.29	9.10	3.91	6.56	8.64	3.88	6.43
25	8.25	2.94	5.58	9.25	3.84	6.38	9.06	4.02	6.68	8.72	3.85	6.53
26	8.90	3.65	6.32	8.72	3.63	6.19	8.74	3.60	6.47	8.69	3.67	6.29
27	9.42	3.22	6.48	9.02	4.00	6.69	9.12	4.01	6.70	8.60	3.58	6.16
28	9.02	3.20	6.10	9.57	3.77	6.92	9.15	3.82	6.72	9.13	3.73	6.42
29	---	---	---	9.08	3.45	6.60	9.05	3.35	6.41	8.70	3.35	6.05
30	---	---	---	---	---	---	9.15	3.20	6.26	8.98	3.47	6.12
31	---	---	---	8.68	3.02	5.93	---	---	---	8.73	3.33	5.98
MONTH	9.54	1.84	5.64	---	---	---	10.69	2.24	6.39	10.61	2.18	6.21

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	9.36	3.08	6.03	8.91	2.53	5.67	8.87	2.66	5.77
2	---	---	---	8.62	3.01	5.95	8.78	2.71	5.80	8.92	2.77	5.78
3	---	---	---	8.45	2.80	5.46	8.47	2.75	5.75	8.92	2.87	5.80
4	---	---	---	8.43	2.62	5.45	8.39	2.71	5.49	9.05	3.11	5.98
5	---	---	---	8.35	2.90	5.55	8.55	2.47	5.49	9.45	3.20	6.26
6	8.80	3.64	6.06	8.25	2.81	5.48	8.72	2.42	5.48	10.05	4.04	7.08
7	8.93	3.40	5.97	8.27	2.52	5.40	9.09	2.56	5.67	10.02	3.96	7.02
8	8.38	2.99	5.68	8.47	2.28	5.41	9.30	2.67	5.87	10.00	3.70	7.04
9	8.57	2.57	5.72	---	---	---	9.31	2.13	5.75	10.18	3.95	7.11
10	9.18	2.81	6.10	---	---	---	9.21	1.87	5.49	9.93	3.97	7.10
11	9.57	2.53	6.17	9.43	1.86	5.65	9.08	2.14	5.60	10.02	4.34	7.34
12	9.81	2.22	6.13	9.48	1.55	5.56	9.11	2.35	5.73	9.84	4.13	7.18
13	9.73	1.96	5.90	9.37	2.09	5.74	9.17	2.52	5.82	9.20	3.94	6.67
14	9.87	2.00	5.89	9.21	1.93	5.64	8.86	2.78	5.95	9.23	3.78	6.66
15	9.72	2.04	5.77	9.18	2.38	5.78	8.48	2.78	5.82	9.03	4.13	6.69
16	9.52	2.28	5.76	8.89	2.61	5.74	8.34	3.00	5.79	9.05	4.31	6.80
17	9.43	2.95	6.14	8.48	2.61	5.58	8.03	2.82	5.60	9.35	5.18	7.13
18	9.31	3.24	6.28	8.26	2.74	5.72	7.95	2.97	5.58	8.74	4.98	6.74
19	9.23	3.09	6.07	8.22	2.78	5.53	8.20	3.66	5.95	8.15	3.96	6.09
20	8.61	3.50	6.01	7.93	3.04	5.73	8.29	3.99	6.12	8.59	4.19	6.35
21	8.89	3.79	6.58	8.20	3.46	5.89	8.30	3.87	6.05	9.17	4.58	6.79
22	8.84	4.06	6.56	7.71	2.90	5.40	8.26	3.73	5.84	9.56	4.40	7.01
23	8.74	3.87	6.43	7.57	2.72	5.12	8.15	3.34	5.64	9.55	3.46	6.73
24	8.53	3.58	6.21	7.86	2.82	5.23	8.72	3.14	5.93	10.17	3.98	7.15
25	8.59	3.57	6.15	8.04	3.16	5.58	9.14	3.33	6.31	10.39	3.64	7.25
26	8.73	3.53	6.10	8.51	3.06	5.73	9.26	2.89	6.18	10.27	3.57	7.18
27	8.85	3.27	6.01	8.73	2.94	5.76	9.26	2.56	6.02	10.37	3.69	7.19
28	8.99	3.38	6.11	8.67	2.36	5.50	9.22	2.35	5.85	10.37	3.41	6.94
29	8.83	2.97	5.88	8.97	2.48	5.57	9.29	2.44	5.93	10.32	3.47	6.85
30	8.99	3.22	5.96	8.97	2.45	5.62	9.05	2.58	5.99	10.09	3.68	6.85
31	---	---	---	8.85	2.43	5.61	8.96	2.56	5.81	---	---	---
MONTH	---	---	---	---	---	---	9.31	1.87	5.81	10.39	2.66	6.75

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: April 1997 to current year.

WATER TEMPERATURE: April 1997 to current year.

DISSOLVED OXYGEN: April 1997 to current year.

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

REMARKS.--Specific conductance records rated excellent except for Nov. 15 to Dec. 12, Jan. 6 to Feb. 5, July 16-23, Aug. 28 to Sep. 4, and Sep. 11-30, which are good, and Apr. 30 to May 14, which are poor. Temperature records rated excellent. Dissolved oxygen records rated poor except for Oct. 8-29, Nov. 26 to Dec. 12, Jan. 6-21, June 18-25, July 3-16, and Aug. 28 to Sep. 4, which are excellent, Dec. 12-20, Feb. 19 to Mar. 5, Apr. 4 to June 3, June 12-18, and Aug. 7-13, which are good, and Oct. 29 to Nov. 26, Dec. 20 to Jan. 6, Jan. 21 to Feb. 19, Aug. 13-21, and Sep. 4-11, which are fair. Dissolved oxygen concentrations are not corrected for salinity.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 52,700 microsiemens, Nov. 15, 2001; minimum, 12,000 microsiemens, Feb. 19, 1998.

WATER TEMPERATURE: Maximum, 31.5°C, on several days during August, 1999; minimum, 5.5°C, Jan. 1-5, 2001.

DISSOLVED OXYGEN: Maximum, 14.0 mg/L, Jan. 2-4, 2001; minimum, 3.3 mg/L, Jul. 26, 1999.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 48,600 microsiemens, Oct. 8; minimum, 16,800 microsiemens, Mar. 22.

WATER TEMPERATURE: Maximum, 29.8°C, Sep. 3; minimum, 6.6°C, Jan. 28.

DISSOLVED OXYGEN: Maximum, 11.8 mg/L, Jan. 29; minimum, 4.3 mg/L, Oct. 7, 8, July 16, Sep. 2, 4.

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	42300	32500	38500	---	---	---	42600	32600	37900	44500	29200	35400
2	44000	34500	38600	45400	35500	39700	46000	33600	38900	43200	28300	34600
3	43800	33600	38200	46400	34900	40000	45300	31700	38700	43000	28700	34300
4	45500	34200	38800	47800	35100	40300	48100	33200	40400	41800	26000	34400
5	46200	34400	39400	48200	34300	40900	46800	35300	40100	41700	29500	35200
6	46800	34100	39800	45000	32200	38300	45700	33000	39000	39700	27600	34000
7	47300	35000	40900	46700	29300	37500	44900	32200	38600	39400	24500	33400
8	48600	34800	41000	44800	30500	37700	43500	31200	37700	37200	25700	32300
9	47200	36100	40900	43100	30800	37200	42700	29400	37200	37400	27700	33000
10	46200	34400	40300	41900	30000	36100	42900	29800	37800	38800	29300	33400
11	43900	30600	37800	38600	28900	34500	41500	32000	37300	43400	29500	35500
12	41500	27200	34600	37800	25600	32600	39800	29700	35200	41900	31000	37200
13	42300	27100	34400	39100	26600	34100	39800	28600	35600	43200	33200	38700
14	41100	26900	35100	40900	30700	37000	40700	28600	33500	44100	33800	39500
15	44700	33200	38100	43400	33100	37800	38900	29200	35500	41600	34800	39200
16	42400	32100	37700	42000	33300	37600	38900	29600	35000	42800	36500	39900
17	42500	31400	37000	41200	32000	35900	42300	29300	36500	41300	35800	38900
18	42100	31800	36900	39900	29900	35400	43300	33100	37600	44400	35500	39700
19	39600	29400	35300	41500	31000	36500	43400	32400	37900	42100	34000	37800
20	41000	31100	36200	41800	31400	36400	41400	34100	36700	40800	30900	36000
21	41800	30500	36100	42700	31700	36800	40200	29600	35200	42200	30800	36100
22	41900	31700	36800	41500	31500	35600	40900	29500	35300	43400	32100	37400
23	42900	32000	37500	39900	28000	34700	42200	29400	35700	41500	32200	36800
24	44400	31400	37900	40500	27500	35300	43600	30800	37100	39800	30600	34900
25	43300	31200	38200	39600	28500	35400	40100	28900	33900	39800	29600	35300
26	43400	32000	37700	40300	28700	35900	39500	25500	33500	40500	30300	35700
27	41800	31800	38100	41000	29400	36100	39700	30500	35700	40000	32500	35600
28	42600	31900	38100	42200	32200	37300	38200	28400	34500	41800	33100	36900
29	---	---	---	42500	34000	38100	39200	29400	34500	41900	33100	36700
30	---	---	---	39500	32600	36600	42000	29400	35600	43000	32400	36800
31	---	---	---	---	---	---	42800	30600	36100	41500	31900	36500
MONTH	---	---	---	---	---	---	48100	25500	36600	44500	24500	36200

COOPER RIVER BASIN

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 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	42100	31100	36200	42500	33300	37700	35800	26700	30800	39700	29300	33700
2	41500	31400	35600	41800	33100	36900	35600	26400	30400	38800	29400	33800
3	39800	31200	34900	40000	31600	35900	35800	26000	30500	39100	29000	33400
4	38700	29800	33900	39800	30800	35100	38200	26600	31500	41600	29900	35100
5	38100	27900	33500	38300	29400	33700	37200	27500	32000	41600	30000	35500
6	39600	27900	34600	35300	26500	31400	42100	28000	33400	---	---	---
7	39600	28000	34300	36300	25100	31000	43100	28500	34500	---	---	---
8	39100	28000	33800	38100	25800	31700	38300	23600	31900	---	---	---
9	37700	28000	33400	37100	25100	31400	40000	23800	32200	---	---	---
10	39400	28100	33200	36900	26600	31800	39600	26000	32900	---	---	---
11	38400	27900	34300	37300	26400	31300	39200	27900	33900	39400	30000	34800
12	40200	29700	34300	39700	25700	31700	37700	29600	34400	---	---	---
13	40900	30700	37300	40500	26800	32800	38600	29600	34200	---	---	---
14	40400	32600	37600	39400	27700	34400	40200	29300	34300	---	---	---
15	41200	35300	38000	40400	31400	35500	43200	29500	34700	47500	34300	39800
16	44800	35000	39400	39200	32300	35300	44200	29800	35500	48500	33000	39500
17	44800	35900	39600	40300	31900	35300	45000	29700	36100	48400	32100	39000
18	44000	34800	39000	41200	31400	35500	45000	30500	36100	---	---	---
19	44500	34700	39300	42100	30100	35500	44100	29700	35500	48500	30800	37100
20	44400	34400	39300	39900	28800	34700	43500	29400	35000	45800	34000	39100
21	44600	34500	39600	38400	22800	30700	41100	29400	34200	43300	32000	37000
22	44600	34600	38900	38400	16800	27100	39300	26800	32600	39800	31900	35900
23	42300	27500	34900	35500	18100	26400	37200	26000	32900	39700	26800	33500
24	41300	26100	34200	36800	19000	27900	39600	28600	34000	39200	27500	33900
25	40200	29500	35400	36100	21800	29300	40500	28600	34000	37700	28100	33500
26	42400	31700	36800	36100	22100	29200	38000	28600	33500	37000	27200	32900
27	43100	31700	37200	38900	25900	32200	39300	28900	33800	37500	28100	33300
28	41400	31000	36800	40000	25900	33100	39500	29700	34300	41600	29500	35500
29	---	---	---	---	---	---	39200	29400	33900	41500	30400	36100
30	---	---	---	---	---	---	40400	29300	33800	43200	31000	36800
31	---	---	---	35500	25800	30900	---	---	---	41300	31600	36200
MONTH	44800	26100	36300	---	---	---	45000	23600	33600	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	43100	29400	36200	44700	32700	37700	43800	30000	35600	46800	35100	40400
2	43000	31000	37000	42400	32400	36900	43800	30200	36300	46800	30900	39200
3	41000	32100	37000	40800	30200	35500	41800	29200	36000	46200	32500	39400
4	39800	30800	35600	40800	29100	34800	41000	28300	35600	44900	31400	38400
5	38900	29700	34500	40000	28900	34700	42300	28400	35600	46300	31700	39200
6	39500	30800	35300	39600	27900	34500	44300	29200	35900	45200	33800	39500
7	40400	30400	35300	40900	29000	35000	46500	28300	37200	44900	33200	39200
8	38400	30100	34100	42000	28400	35300	46300	31000	37900	44800	33300	38900
9	41000	29100	34400	---	---	---	46800	29700	37600	43700	32100	38100
10	42200	29800	35400	---	---	---	47300	29700	37100	42000	29200	36500
11	44600	30000	35700	46800	31900	37100	47500	31500	37700	41500	30700	35900
12	45600	30300	36200	46600	31200	37200	47200	31900	38400	40300	30300	35400
13	45400	28800	35700	46700	31900	37700	45600	32600	38800	39000	29700	33900
14	45800	28300	35700	45300	31300	37100	44400	33400	38900	39200	28000	33500
15	46000	28500	35500	45500	31900	37400	44000	32800	38400	39100	27800	33000
16	45300	28800	35200	43600	32400	37200	42600	32100	37900	39300	25900	33600
17	42400	26300	35000	43100	31500	36300	41200	30800	37100	41600	26300	35300
18	42400	26300	34300	41200	31400	36200	40500	29400	35600	39400	29900	34800
19	40800	24300	32600	40500	28400	34800	42400	28400	35800	39500	29600	34300
20	37000	23300	30600	39500	26300	33500	44500	29000	36500	42800	29800	36400
21	38600	24500	32600	41000	26900	33200	43600	30200	37400	43000	31300	38000
22	39000	25000	33300	40800	27600	32500	44100	31100	36900	42800	34900	39000
23	42700	27100	34500	43100	26700	33600	41800	31300	37400	43700	36000	39000
24	40300	28100	34500	39100	26100	33100	45100	32600	39000	44700	36400	39800
25	41900	28800	35600	39900	25600	32700	45400	35700	40800	46500	37000	40600
26	42000	29000	36000	42300	25900	33100	45100	35900	40100	46200	36600	40900
27	42700	30500	36600	42200	26300	33000	45800	35600	39900	46600	36700	41000
28	42500	32000	37400	38800	25500	31700	47400	36000	40200	45900	36000	40200
29	41900	32400	36800	42400	25800	33600	47500	36200	40600	45800	34700	39700
30	43000	31400	37000	43100	27000	34300	47000	35700	40700	46100	32600	39400
31	---	---	---	42700	26100	34600	46500	35300	40600	---	---	---
MONTH	46000	23300	35200	---	---	---	47500	28300	37900	46800	25900	37800

021720709 COOPER RIVER AT U.S. HIGHWAY 17 AT CHARLESTON, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	27.5	27.1	27.3	---	---	---	14.5	13.9	14.2	11.7	11.0	11.4			
2	27.6	26.9	27.3	21.5	20.9	21.1	14.0	13.4	13.6	11.6	11.4	11.5			
3	27.8	27.0	27.4	20.9	20.5	20.6	13.6	13.2	13.4	11.6	11.2	11.5			
4	27.9	27.3	27.6	20.5	20.0	20.2	13.3	12.2	12.8	11.4	10.7	11.0			
5	28.0	27.5	27.6	20.1	19.7	19.9	12.4	11.7	12.0	11.0	10.6	10.8			
6	28.0	27.6	27.8	20.1	19.6	19.9	11.9	11.3	11.6	11.0	10.6	10.8			
7	28.2	27.7	28.0	19.6	19.0	19.3	11.5	10.9	11.3	10.7	10.1	10.5			
8	28.1	27.3	27.7	19.3	18.8	19.1	11.4	10.8	11.2	10.6	10.0	10.3			
9	27.4	26.4	26.9	19.3	18.9	19.1	11.2	10.7	11.0	10.9	10.0	10.3			
10	26.8	26.0	26.4	19.4	19.1	19.3	10.8	10.2	10.6	11.1	10.4	10.6			
11	26.5	26.1	26.4	20.1	19.4	19.6	10.5	10.3	10.5	10.6	10.2	10.4			
12	26.6	26.2	26.4	20.1	19.7	19.9	10.7	10.3	10.5	10.5	9.8	10.2			
13	26.5	26.3	26.4	20.1	19.2	19.8	11.1	10.5	10.7	10.3	9.7	10.0			
14	26.4	25.4	26.1	19.8	19.1	19.4	11.1	10.6	10.8	10.2	9.6	9.9			
15	25.9	24.4	25.0	19.3	18.8	19.1	11.0	10.4	10.7	10.0	9.5	9.8			
16	24.7	23.8	24.2	19.1	19.0	19.0	11.0	10.3	10.7	10.0	9.5	9.7			
17	24.0	23.3	23.7	19.0	18.0	18.7	11.1	10.6	10.9	9.9	9.5	9.7			
18	23.5	22.8	23.2	18.2	17.4	17.7	11.1	10.7	10.9	9.5	8.8	9.2			
19	23.0	22.3	22.7	17.7	16.9	17.3	11.4	10.9	11.1	9.0	8.5	8.7			
20	23.0	22.2	22.6	17.3	17.0	17.2	11.8	11.2	11.6	8.7	8.1	8.4			
21	22.7	22.4	22.6	17.2	17.0	17.1	11.6	11.2	11.5	8.9	8.3	8.6			
22	22.6	22.1	22.4	17.1	16.4	16.9	11.6	11.1	11.4	8.8	8.5	8.7			
23	22.3	21.8	22.0	16.8	15.9	16.3	11.8	11.4	11.6	8.5	7.7	8.3			
24	22.0	21.4	21.7	16.4	15.5	16.0	11.9	11.6	11.8	7.7	6.9	7.3			
25	21.6	21.0	21.3	16.2	15.6	16.0	12.0	11.5	11.9	7.3	6.7	7.0			
26	21.3	20.8	21.1	16.3	15.8	16.1	11.7	11.1	11.3	7.2	6.8	7.0			
27	21.6	21.0	21.2	16.3	15.8	16.1	11.3	10.9	11.1	7.1	6.8	7.0			
28	21.9	21.3	21.5	16.0	15.3	15.7	11.1	10.6	10.9	7.2	6.6	6.9			
29	---	---	---	15.5	14.9	15.2	11.0	10.5	10.7	7.7	6.9	7.1			
30	---	---	---	14.9	14.4	14.6	11.1	10.6	10.8	7.9	7.3	7.5			
31	---	---	---	---	---	---	11.1	10.8	10.9	7.9	7.6	7.8			
MONTH	---	---	---	---	---	---	14.5	10.2	11.4	11.7	6.6	9.3			

DAY	MAX	MIN	MEAN	FEBRUARY			MARCH			APRIL			MAY		
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	8.2	7.7	7.9	11.7	11.5	11.6	17.6	16.3	17.0	22.4	22.0	22.1			
2	8.5	7.9	8.2	12.1	11.7	11.9	17.6	16.5	17.0	23.1	21.9	22.4			
3	8.8	8.2	8.5	12.3	11.9	12.1	18.0	16.7	17.2	22.9	22.4	22.6			
4	9.2	8.7	8.9	12.3	12.1	12.2	17.9	17.0	17.4	23.5	22.5	22.8			
5	9.4	8.9	9.1	12.8	12.2	12.4	18.6	17.4	17.8	23.1	22.5	22.8			
6	9.4	9.1	9.2	13.1	12.6	12.9	18.4	17.9	18.1	23.8	22.8	23.2			
7	9.3	9.1	9.2	13.1	12.7	13.0	18.6	17.9	18.3	24.4	23.2	23.6			
8	9.5	8.9	9.1	13.6	12.5	12.8	18.4	17.7	18.1	24.7	23.5	24.0			
9	9.5	9.1	9.2	13.5	12.8	13.1	17.9	17.4	17.7	25.2	23.9	24.3			
10	9.8	9.2	9.4	14.0	13.0	13.3	17.5	16.9	17.2	25.6	24.2	24.6			
11	9.8	9.1	9.5	14.6	13.2	13.7	17.1	16.5	16.7	25.3	24.2	24.8			
12	10.0	9.3	9.6	14.9	13.4	14.1	17.4	16.3	16.8	---	---	---			
13	9.9	9.4	9.6	14.8	13.8	14.3	18.3	16.9	17.3	---	---	---			
14	9.8	9.5	9.6	14.6	14.1	14.3	18.6	17.4	17.8	---	---	---			
15	10.6	9.6	10.0	14.2	13.9	14.0	19.4	17.9	18.5	24.0	23.0	23.5			
16	10.4	10.1	10.2	14.7	13.8	14.1	20.2	18.5	19.2	24.1	23.1	23.6			
17	10.2	9.9	10.1	14.3	14.1	14.3	20.5	19.1	19.7	24.3	23.6	23.9			
18	9.9	9.7	9.8	14.8	14.1	14.5	21.0	19.7	20.2	24.2	23.7	23.9			
19	10.1	9.6	9.8	15.4	14.5	14.9	21.0	20.1	20.4	23.9	23.4	23.8			
20	10.4	10.0	10.1	15.9	15.0	15.4	21.0	20.1	20.5	23.8	23.2	23.4			
21	10.8	10.3	10.5	16.5	15.6	16.1	21.1	20.5	20.8	24.1	23.3	23.7			
22	11.5	10.7	11.1	17.1	16.0	16.6	21.6	20.8	21.1	24.2	23.7	23.9			
23	11.9	11.4	11.6	17.3	16.2	16.8	21.1	20.5	20.8	24.0	23.6	23.7			
24	12.4	11.6	11.9	17.4	16.0	16.8	21.0	20.1	20.6	24.5	23.5	23.8			
25	12.8	11.8	12.1	17.7	16.3	16.9	20.8	20.3	20.5	25.1	23.8	24.2			
26	12.3	12.1	12.2	18.4	16.6	17.3	20.7	20.2	20.5	25.1	24.3	24.6			
27	12.1	11.8	12.0	17.8	17.0	17.4	21.4	20.2	20.7	25.0	24.6	24.7			
28	12.0	11.4	11.7	18.3	17.1	17.6	21.8	20.5	21.0	25.2	24.1	24.6			
29	---	---	---	---	---	---	22.3	21.0	21.4	24.9	24.1	24.5			
30	---	---	---	---	---	---	22.6	21.5	21.9	24.9	23.9	24.4			
31	---	---	---	18.1	16.9	17.5	---	---	---	25.3	24.1	24.6			
MONTH	12.8	7.7	10.0	---	---	---	22.6	16.3	19.1	---	---	---			

COOPER RIVER BASIN

021720709 COOPER RIVER AT U.S. HIGHWAY 17 AT CHARLESTON, SC--Continued

Temperature, water, degrees Celsius
 WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	25.4	24.4	24.9	27.9	26.8	27.5	28.4	26.4	27.4	29.6	28.4	29.1
2	25.5	24.5	25.0	27.5	26.8	27.2	28.4	26.4	27.3	29.7	28.5	29.1
3	25.2	24.7	25.0	27.9	26.8	27.2	28.4	26.6	27.4	29.8	28.7	29.2
4	25.1	24.8	25.0	28.3	27.2	27.6	28.3	26.7	27.4	29.6	28.4	29.2
5	25.8	24.8	25.2	28.4	27.5	27.8	28.3	26.4	27.4	29.4	27.4	28.7
6	25.8	25.3	25.5	28.7	27.8	28.0	28.0	26.3	27.3	28.8	26.0	27.6
7	25.9	25.5	25.6	28.5	27.7	28.1	27.7	25.7	27.0	27.3	25.3	26.4
8	26.2	25.6	25.8	28.8	27.7	28.1	27.8	26.5	27.1	26.4	24.8	25.8
9	26.5	25.7	26.1	---	---	---	28.1	26.4	27.3	26.1	24.7	25.5
10	26.9	26.2	26.5	---	---	---	28.4	26.1	27.4	25.8	24.8	25.3
11	27.9	26.5	26.9	29.4	27.9	28.5	28.2	26.0	27.3	25.3	24.3	24.9
12	27.7	26.7	27.1	29.1	28.1	28.6	28.5	26.1	27.3	24.9	24.1	24.6
13	28.0	26.7	27.3	28.7	27.7	28.3	28.2	26.5	27.3	25.0	24.1	24.6
14	28.3	26.7	27.4	28.3	27.4	28.0	28.3	27.1	27.6	25.3	24.4	24.8
15	28.4	26.7	27.6	28.3	27.5	27.9	28.9	27.7	28.1	25.6	24.9	25.2
16	28.5	26.8	27.8	28.6	27.6	28.0	29.0	28.2	28.5	25.8	25.2	25.4
17	28.2	27.1	27.7	29.0	27.9	28.3	29.1	28.3	28.6	25.6	24.9	25.4
18	28.1	27.1	27.7	28.9	28.2	28.4	29.1	28.2	28.6	25.2	24.7	25.0
19	28.1	27.3	27.6	29.1	28.3	28.5	29.4	27.7	28.4	25.6	24.5	25.0
20	28.4	27.4	27.8	29.4	28.2	28.6	29.1	27.3	28.4	25.7	25.0	25.2
21	27.8	27.0	27.4	29.6	28.2	28.8	28.9	27.6	28.2	26.0	25.1	25.5
22	27.6	26.8	27.1	29.1	27.9	28.7	28.7	27.7	28.2	26.5	25.5	25.8
23	27.5	26.4	27.0	28.7	28.0	28.3	29.0	28.0	28.3	26.1	25.7	25.9
24	27.6	26.8	27.1	28.5	27.8	28.1	28.9	27.0	28.1	26.0	25.7	25.8
25	27.9	27.0	27.3	28.9	27.9	28.2	28.5	27.0	27.6	26.1	25.6	25.8
26	28.1	27.2	27.6	28.2	27.6	27.9	28.6	27.3	27.8	26.0	25.7	25.8
27	28.5	27.3	27.6	28.8	27.7	28.0	28.8	27.7	28.1	26.0	25.6	25.8
28	28.5	27.2	27.7	28.1	27.6	27.9	29.0	27.6	28.3	26.3	25.7	25.9
29	28.0	27.4	27.7	28.1	27.1	27.7	29.2	27.7	28.5	25.9	24.9	25.4
30	28.2	27.1	27.6	28.5	26.9	27.6	29.4	27.8	28.7	25.0	24.0	24.6
31	---	---	---	28.5	26.8	27.6	29.6	28.3	29.0	---	---	---
MONTH	28.5	24.4	26.8	---	---	---	29.6	25.7	27.9	29.8	24.0	26.1

021720709 COOPER RIVER AT U.S. HIGHWAY 17 AT CHARLESTON, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	6.8	5.5	6.0	---	---	---	9.5	8.7	9.0	10.0	9.5	9.7
2	6.5	5.2	5.8	7.5	6.6	7.0	9.6	8.7	9.1	9.9	9.3	9.6
3	6.3	4.9	5.6	7.3	6.4	6.9	9.4	8.6	9.1	9.8	9.3	9.6
4	6.1	4.8	5.4	7.2	6.3	6.7	9.9	8.7	9.4	9.9	9.3	9.6
5	5.9	4.7	5.2	7.4	6.2	6.7	10.1	9.2	9.6	10.0	9.5	9.8
6	5.9	4.5	5.1	7.4	6.4	7.0	10.1	9.2	9.7	10.3	9.4	9.9
7	5.7	4.3	5.1	7.8	6.7	7.2	10.2	9.3	9.7	10.2	9.6	10.0
8	6.3	4.3	5.3	7.8	6.8	7.3	10.2	9.3	9.8	10.4	9.8	10.1
9	6.6	5.2	5.9	7.8	6.9	7.3	10.3	9.4	9.9	10.6	10.1	10.3
10	6.8	5.4	6.1	7.8	7.0	7.4	10.7	9.8	10.2	10.5	10.1	10.3
11	6.8	5.8	6.2	8.0	7.1	7.6	10.6	9.8	10.2	10.5	10.1	10.3
12	6.5	5.6	6.0	7.9	7.3	7.5	10.4	9.4	9.9	10.7	10.2	10.4
13	6.4	5.4	5.8	8.2	7.4	7.7	9.9	9.4	9.6	10.7	10.2	10.5
14	6.4	5.4	5.8	8.0	7.3	7.7	9.8	9.4	9.6	10.9	10.3	10.6
15	7.0	5.8	6.2	8.0	7.3	7.7	10.1	9.4	9.7	10.9	10.4	10.6
16	7.0	5.9	6.4	7.8	7.1	7.4	10.0	9.5	9.8	11.0	10.5	10.7
17	7.0	6.0	6.5	7.7	7.0	7.3	10.2	9.5	9.9	10.8	10.4	10.7
18	7.1	6.0	6.6	8.0	7.2	7.7	10.3	9.7	10.0	11.1	10.5	10.8
19	7.1	6.0	6.5	8.2	7.3	7.8	10.4	9.7	10.0	11.0	10.5	10.8
20	7.0	5.9	6.5	8.2	7.4	7.8	10.1	9.4	9.7	11.2	10.9	11.0
21	6.8	5.6	6.2	8.2	7.5	7.9	9.8	9.2	9.5	11.3	10.5	10.9
22	6.6	5.6	6.2	8.2	7.4	7.9	9.8	9.4	9.6	11.0	10.4	10.7
23	6.8	5.8	6.4	8.5	7.7	8.1	9.8	9.4	9.6	10.9	10.5	10.7
24	7.0	6.0	6.5	8.5	7.8	8.2	9.7	9.4	9.6	11.2	10.6	10.9
25	7.2	6.2	6.8	8.6	7.6	8.2	9.8	9.3	9.5	11.3	10.7	11.1
26	7.5	6.5	6.9	8.6	7.7	8.2	9.8	9.3	9.6	11.5	10.8	11.1
27	7.4	6.5	7.0	8.7	8.0	8.4	10.0	9.4	9.6	11.6	11.0	11.2
28	7.3	6.5	6.9	8.9	8.1	8.6	10.0	9.5	9.8	11.7	11.2	11.4
29	---	---	---	9.1	8.4	8.7	10.1	9.5	9.8	11.8	11.2	11.4
30	---	---	---	9.2	8.5	8.9	10.1	9.5	9.9	11.7	11.1	11.4
31	---	---	---	---	---	---	10.1	9.5	9.8	11.5	11.1	11.3
MONTH	---	---	---	---	---	---	10.7	8.6	9.7	11.8	9.3	10.6

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	11.7	11.0	11.3	9.4	8.8	9.1	8.1	6.9	7.5	7.2	6.1	6.6
2	11.6	11.0	11.3	9.3	8.8	9.0	8.3	7.0	7.7	7.2	6.2	6.7
3	11.5	11.0	11.3	9.3	8.5	8.9	8.4	7.4	7.9	7.1	6.2	6.6
4	11.5	10.8	11.1	9.2	8.6	8.9	8.5	7.6	8.1	7.3	6.0	6.7
5	11.3	10.3	10.8	9.2	8.3	8.7	8.5	7.6	8.1	7.2	5.9	6.5
6	10.6	10.0	10.3	8.8	8.2	8.4	8.4	7.5	7.9	7.0	6.0	6.5
7	10.3	9.9	10.1	8.7	8.0	8.3	8.3	7.4	7.8	6.8	6.0	6.4
8	10.6	9.7	10.1	8.8	8.2	8.5	8.0	7.2	7.5	6.8	6.1	6.5
9	10.7	9.7	10.2	8.8	8.1	8.5	8.0	7.2	7.6	7.1	6.1	6.6
10	10.4	9.8	10.1	8.9	8.1	8.5	8.1	7.2	7.7	7.3	6.2	6.6
11	10.6	9.9	10.2	8.8	8.2	8.5	8.1	7.2	7.6	7.5	6.1	6.7
12	10.6	10.0	10.3	8.8	8.1	8.5	8.1	7.1	7.7	---	---	---
13	10.9	10.0	10.3	8.8	8.1	8.5	8.0	7.0	7.6	---	---	---
14	10.9	9.9	10.4	8.7	8.2	8.5	8.0	6.8	7.5	---	---	---
15	11.0	10.0	10.5	8.9	8.1	8.5	8.4	7.0	7.5	7.2	6.0	6.5
16	10.6	10.1	10.3	8.8	8.1	8.5	8.8	7.2	7.7	7.2	5.6	6.3
17	10.5	9.7	10.2	8.7	7.9	8.4	8.8	7.2	7.8	7.0	5.5	6.2
18	10.4	9.8	10.2	8.7	7.9	8.3	8.6	7.1	7.7	7.2	5.8	6.5
19	10.7	9.9	10.2	8.9	7.8	8.3	8.3	7.0	7.5	7.2	5.9	6.3
20	10.2	9.5	9.9	8.9	7.9	8.4	8.0	6.9	7.3	6.8	5.8	6.4
21	10.3	9.6	9.9	8.8	7.4	7.9	7.9	6.8	7.2	7.2	5.7	6.6
22	10.0	9.4	9.7	8.3	7.1	7.6	7.8	6.7	7.2	7.2	6.2	6.7
23	9.9	9.1	9.5	8.0	7.0	7.4	7.7	7.0	7.4	7.0	6.0	6.6
24	10.1	9.2	9.5	8.0	6.9	7.5	8.0	7.0	7.5	6.9	5.8	6.3
25	10.2	9.1	9.5	8.2	6.9	7.6	7.9	6.8	7.4	7.1	5.6	6.4
26	9.8	9.1	9.5	8.0	7.0	7.5	8.0	6.8	7.3	6.3	5.2	5.8
27	9.5	9.0	9.2	8.0	7.1	7.7	8.1	6.7	7.3	6.2	5.1	5.7
28	9.6	8.8	9.2	8.2	7.2	7.8	8.2	6.4	7.3	7.0	5.0	5.9
29	---	---	---	---	---	---	8.4	6.7	7.4	7.3	6.0	6.5
30	---	---	---	---	---	---	7.9	6.4	7.0	7.6	6.1	6.7
31	---	---	---	8.0	6.7	7.3	---	---	---	7.2	6.1	6.6
MONTH	11.7	8.8	10.2	---	---	---	8.8	6.4	7.6	---	---	---

COOPER RIVER BASIN

021720709 COOPER RIVER AT U.S. HIGHWAY 17 AT CHARLESTON, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	7.1	5.9	6.5	6.2	5.1	5.6	7.2	5.5	6.3	6.2	4.5	5.3
2	7.3	5.9	6.5	6.3	5.3	5.9	7.0	5.2	6.1	5.7	4.3	5.0
3	7.3	5.9	6.6	6.4	4.9	5.9	6.6	5.1	5.8	6.1	4.4	5.1
4	7.2	6.4	6.7	6.5	5.5	6.0	6.4	5.1	5.7	6.3	4.3	5.3
5	7.4	6.0	6.6	6.6	5.5	6.0	6.3	5.2	5.7	6.2	5.1	5.6
6	7.2	6.0	6.6	6.9	5.4	5.9	6.6	5.1	5.8	6.5	5.2	5.8
7	7.0	5.8	6.3	6.4	5.2	5.8	6.9	5.1	5.9	6.5	5.6	6.0
8	7.0	5.5	6.1	6.8	5.0	5.7	6.8	5.1	5.8	6.8	5.6	6.0
9	6.8	5.3	6.1	---	---	---	6.8	5.0	5.8	6.6	5.5	6.1
10	6.7	5.4	6.0	---	---	---	6.5	5.1	5.7	6.8	5.5	6.1
11	6.5	5.2	5.9	6.8	5.2	5.9	6.5	5.0	5.6	7.2	5.6	6.3
12	6.8	4.9	5.9	6.4	5.0	5.6	6.3	4.7	5.5	7.0	6.0	6.5
13	6.9	5.4	6.1	6.3	5.0	5.7	6.7	4.6	5.5	7.0	6.0	6.5
14	6.7	5.4	6.0	5.9	4.7	5.3	6.6	5.0	5.9	7.2	5.9	6.6
15	6.5	5.2	5.9	6.0	4.4	5.2	6.6	5.2	5.9	7.2	6.1	6.7
16	6.4	4.8	5.7	6.6	4.3	5.6	6.6	5.1	5.9	7.3	6.0	6.8
17	6.2	5.0	5.6	6.8	5.1	5.9	6.3	5.1	5.8	7.2	6.3	6.8
18	6.2	4.8	5.5	6.5	5.2	5.9	6.8	5.3	6.0	7.6	6.4	6.8
19	6.0	4.7	5.4	6.5	5.2	5.8	6.6	5.3	6.0	7.4	6.3	6.6
20	6.2	5.0	5.6	6.6	4.9	5.7	6.4	5.1	5.9	7.3	6.0	6.4
21	6.5	5.0	5.6	6.9	5.0	5.7	6.1	4.8	5.5	7.2	5.8	6.5
22	6.4	5.0	5.7	6.9	5.4	6.0	6.3	4.7	5.4	7.0	5.7	6.4
23	6.6	4.6	5.6	7.7	5.2	6.0	6.6	4.8	5.6	6.8	5.5	6.0
24	6.3	4.6	5.4	7.0	5.5	6.1	6.5	4.8	5.7	6.9	5.3	6.1
25	6.5	4.6	5.5	7.5	5.4	6.0	6.4	4.8	5.5	7.0	5.3	6.1
26	6.6	4.9	5.6	7.0	5.4	6.0	6.5	4.5	5.4	6.7	5.0	5.9
27	6.8	5.0	5.8	6.9	5.2	5.8	6.7	4.9	5.6	6.6	5.3	5.9
28	6.9	5.2	5.8	6.0	4.8	5.5	6.6	4.8	5.6	6.4	5.1	5.7
29	6.5	5.0	5.7	6.2	4.7	5.4	6.8	4.8	5.6	6.7	5.2	5.9
30	6.4	4.9	5.7	7.1	4.6	5.9	6.8	4.7	5.6	7.0	5.5	6.2
31	---	---	---	7.1	5.5	6.4	6.3	4.4	5.5	---	---	---
MONTH	7.4	4.6	5.9	---	---	---	7.2	4.4	5.7	7.6	4.3	6.1

021720710 COOPER RIVER AT CUSTOMS HOUSE (AUX) AT CHARLESTON, SC

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.--USGS mini-monitor and data collection platform.

REMARKS.--Specific conductance (Top) records rated poor except for Nov. 26 to Dec. 13, Dec. 19 to Jan. 27, Feb. 28 to Mar. 10, and Apr. 14-28, which are good, Oct. 1-17, Dec. 14-19, Jan. 27 to Feb. 11, Mar. 17 to Apr. 14, Apr. 29 to May 15, and June 13-24, which are excellent. Specific conductance (Bottom) records rated good. Temperature records rated good except for Dec. 19 to Jan. 27, which are fair, Mar. 11 to Sep. 30, which are 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, 50,200 microsiemens, Oct. 7, 8; minimum, 21,000 microsiemens, Mar. 23.

SPECIFIC CONDUCTANCE (Bottom): Maximum, 51,600 microsiemens, Nov. 5; minimum, 16,100 microsiemens, Mar. 24.

WATER TEMPERATURE (Top): Maximum, 30.1°C, Aug. 29; minimum, 6.5°C, Jan. 28.

Specific conductance (Top), water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	44200	35000	38000	---	---	---	43500	32500	37700	47700	29400	37900
2	44700	35800	38700	---	---	---	45800	32200	39100	44500	30400	36700
3	44900	34200	39200	---	---	---	45600	33300	38800	45900	30700	37100
4	47900	34500	40400	---	---	---	47800	33000	40300	43800	30100	36300
5	48200	35500	41400	---	---	---	47900	34900	40100	44800	30900	36400
6	49200	34700	41900	---	---	---	46800	33800	39000	41600	30800	35100
7	50200	34800	42600	---	---	---	45900	32200	37700	42900	29500	33600
8	50200	35600	42500	---	---	---	44000	32700	36600	40900	29800	34100
9	49200	36200	42000	---	---	---	43600	30400	35900	41000	30300	35000
10	48300	35200	40400	---	---	---	43900	32700	37200	42100	29900	35000
11	45900	31300	37600	---	---	---	43000	33200	37400	44800	30900	36800
12	41700	28200	33800	---	---	---	40800	31100	35600	44300	31000	37500
13	41200	28400	33500	---	---	---	44300	32600	37000	46100	33900	38900
14	42200	28300	34100	---	---	---	42900	31900	36700	45400	34700	38900
15	43800	31100	36200	---	---	---	42400	32700	37700	43600	35900	38900
16	43900	32900	36900	---	---	---	42600	32200	36700	44900	36100	40300
17	43600	32400	36400	---	---	---	43800	32800	37800	44700	37300	40600
18	45300	33300	37100	---	---	---	48300	34700	39500	46900	36400	41100
19	43500	32400	36800	---	---	---	47900	35400	40100	45200	35000	39600
20	43000	32500	36600	---	---	---	45700	35800	39300	44100	33300	37900
21	44100	31600	36700	---	---	---	43500	32900	37300	45100	32800	38300
22	---	---	---	---	---	---	43800	33200	37200	47300	33800	39300
23	---	---	---	---	---	---	44500	30100	37000	44700	35600	39400
24	---	---	---	---	---	---	46200	33700	38200	42900	33600	37600
25	---	---	---	---	---	---	43200	31000	36400	42500	32600	37000
26	---	---	---	---	---	---	40800	29700	34600	43000	33800	37400
27	---	---	---	39800	31000	34300	42600	32700	36400	42900	33700	37900
28	---	---	---	41900	32200	35300	42700	31900	35600	45800	33700	39700
29	---	---	---	41400	33100	37000	41300	30200	35100	47100	35900	40300
30	---	---	---	40000	32700	36300	45400	30200	37000	46800	34900	40800
31	---	---	---	---	---	---	45400	31800	37600	47400	35600	40500
MONTH	---	---	---	---	---	---	48300	29700	37500	47700	29400	37900

COOPER RIVER BASIN

021720710 COOPER RIVER AT CUSTOMS HOUSE (AUX) AT CHARLESTON, SC--Continued

Specific conductance (Bottom), water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	46200	33500	38800	47000	36300	42100	44500	32800	38500	48000	29700	38400
2	45200	33700	39100	48900	37300	42600	46900	32600	39800	45200	31600	37400
3	44900	35200	39500	50500	37000	42600	46300	33400	39600	47200	30700	37400
4	47900	33500	40400	50500	35700	43000	48700	33700	41000	44100	29900	36600
5	48400	31000	40800	51600	36100	43600	48600	35400	40600	45100	31100	36900
6	49600	31400	41100	48900	34200	40900	47200	34100	39200	42200	31100	35700
7	50000	33700	42200	49100	32700	39500	46200	32100	37900	43200	29000	34500
8	50000	35700	42400	47200	33800	39100	43400	32300	37000	41000	30000	34900
9	49100	36000	41900	44900	31400	37600	44700	32800	37100	42500	31400	36100
10	48100	35100	40400	45000	32800	37400	44900	33700	38400	43500	31600	37400
11	45700	26000	37700	42700	31800	36200	43000	33000	37700	44800	32200	38900
12	42500	25000	34000	42000	30400	36100	40400	32500	36000	45200	34800	40100
13	44200	24700	33700	44300	31000	35900	45200	33900	38300	47900	36200	40600
14	44600	26800	35200	44600	31700	38000	44300	33700	37900	45000	36100	39700
15	46000	31500	37300	44400	32500	38200	43800	33100	38500	44400	36600	39500
16	44100	33200	37300	43800	33500	38400	43600	33700	38000	45300	37100	40900
17	43600	32000	36700	44200	33900	37500	45300	33400	39100	44700	37500	40500
18	46100	33700	38100	42200	31800	36300	48800	35800	40400	46700	36100	40900
19	44500	32300	37500	43700	32200	36800	48100	35400	40100	45100	35400	39700
20	43500	31100	37100	43700	31500	36500	46600	35900	39500	46200	33900	38000
21	48400	32000	37900	44000	31200	36900	43200	32200	37500	44700	32300	38100
22	44600	31700	37700	42800	32100	36100	44700	29600	37400	47400	34000	39600
23	46000	33000	38400	41000	30400	34900	47500	30800	37400	45600	35100	39100
24	46300	34700	38600	41700	30300	35000	47900	34100	39000	45800	31800	37700
25	---	---	---	41800	31100	35200	44200	30500	36800	42300	33200	37200
26	---	---	---	44100	30800	36000	42800	30000	35500	43400	32900	37500
27	---	---	---	43200	32200	36700	43200	33000	37000	46300	30900	38000
28	---	---	---	44000	33700	37500	42900	31400	36100	49200	34900	40700
29	---	---	---	43500	34100	38600	43100	29400	35100	46600	36400	40400
30	---	---	---	41800	33300	37500	45600	29400	36800	47400	31600	40900
31	47000	35600	40500	---	---	---	47100	31300	38100	48000	31600	40200
MONTH	---	---	---	51600	30300	38100	48800	29400	38100	49200	29000	38500

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	48400	34800	40900	45100	33600	38700	34400	20200	27200	40100	23900	30900
2	47300	35500	40800	44600	34700	38600	34300	21100	26600	39900	26500	31500
3	46900	34500	39700	42400	32200	37000	33600	20300	26500	40500	22900	31000
4	44400	34100	38600	41900	31300	36000	37400	21400	27600	42300	26600	32300
5	43300	32600	37000	39800	30700	34400	37500	23200	28300	39800	24700	31800
6	43900	33600	37100	37600	28200	32500	37500	22300	28500	39200	24600	31000
7	45200	33000	37600	38800	27500	31800	38700	22900	30000	35700	23600	29400
8	45300	32500	37300	38800	27500	32800	37600	23300	29300	37300	24500	30300
9	44400	32900	38100	40000	27400	33700	40400	23400	30200	38100	23900	30700
10	44600	32800	38100	---	---	---	36700	22000	29700	41400	23900	32000
11	42800	31900	38300	36700	23000	30400	34400	22500	29100	41100	25800	32500
12	44100	34700	38300	36200	19700	29600	37500	22500	29900	43900	27100	33400
13	44800	32600	39100	35900	22700	30200	37800	22200	29400	45900	28700	35100
14	43200	35300	39600	36000	23200	30000	40000	25200	30700	44100	27300	35600
15	44400	36800	40600	39500	24100	30500	41100	25100	32000	---	---	---
16	48100	36000	42000	38500	25600	31800	42400	23600	32600	42400	29000	35700
17	49300	37600	42400	---	---	---	43500	23200	33000	43400	28000	35500
18	47800	36900	42000	39300	24900	32600	42300	24400	32600	46600	28600	36300
19	48900	36700	41800	41200	24700	32400	41000	24900	31300	44200	28200	35500
20	48200	36200	41800	39900	22500	31200	39200	24600	31200	42700	27800	34100
21	47800	37700	42100	39500	19900	28400	35000	23000	29800	40700	27600	32900
22	48000	37000	41500	34800	16400	24300	35600	24200	29500	37900	25400	31200
23	45900	32100	37900	34200	16400	22600	38500	22500	29600	37800	23800	29700
24	44100	30000	37600	34100	16100	24600	36300	24400	29800	35700	24200	29800
25	43400	31000	36900	34600	17500	26300	35000	22800	29300	37400	23700	29900
26	45800	33600	38300	34800	19400	26600	37200	22800	29400	33900	23500	28800
27	46000	34600	38900	34300	18400	27600	38400	22900	28900	37000	24200	30000
28	44500	33900	38600	37300	17500	27900	40000	24200	30100	38700	24100	31200
29	---	---	---	36100	20300	27700	40700	24400	31200	36600	25200	30800
30	---	---	---	---	---	---	40000	25000	31500	40500	26400	32200
31	---	---	---	34400	18200	27200	---	---	---	41200	26500	31600
MONTH	49300	30000	39400	---	---	---	43500	20200	29800	---	---	---

COOPER RIVER BASIN

021720710 COOPER RIVER AT CUSTOMS HOUSE (AUX) AT CHARLESTON, SC--Continued

Specific conductance (Bottom), water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	38400	23800	31100	38400	25300	32700	38700	23100	30200	42100	27400	33200
2	40100	26400	31900	38400	27700	32200	39000	24200	30700	42500	25500	33000
3	36900	26600	31700	37200	24600	31300	40400	25800	30600	41700	24700	31700
4	39400	24700	31100	37200	23900	30900	39500	23400	30400	41600	26000	31300
5	38300	25600	30500	40100	23300	31600	40400	23400	30000	38300	24600	32800
6	37200	23100	30000	39400	25300	31800	40100	22600	29900	39800	24000	32000
7	39700	24800	30700	39800	24500	31100	38500	24800	30800	39100	27000	31800
8	37200	25000	30000	43100	26300	32500	39800	23700	30900	36900	25500	32100
9	39000	26000	31300	44400	27700	34500	38800	26300	31000	39800	25900	31200
10	39800	25900	31400	43700	26700	33800	38200	23100	30600	36300	23600	30300
11	41200	26400	32400	43800	27600	34200	39000	24100	31100	37500	22600	29600
12	39900	25300	32300	44700	28000	34600	38100	25100	31600	36800	23900	29700
13	42100	25400	32700	42200	27600	34500	37800	25600	31800	36900	22100	28200
14	42100	24400	33900	40100	25400	33300	39500	25400	32100	37400	22500	27900
15	40100	25200	32800	39000	27600	32300	38300	26800	32000	37400	22500	28600
16	43000	25400	32900	39300	25600	32800	39600	22700	31400	38300	21200	29300
17	42600	25800	32600	37900	25500	31500	39000	25900	31400	39200	22000	31700
18	41300	25200	32000	37000	24500	31500	39000	24200	31600	39400	25400	31900
19	40200	23300	30500	39000	25500	31200	40200	24700	32700	37500	23900	30200
20	40500	23700	30000	39100	25200	31700	41300	25200	33600	38100	26200	31600
21	39400	22800	30600	39200	26500	32800	40400	25900	33300	40700	27100	32200
22	40200	23600	31500	39600	24600	31600	38100	27700	33300	37700	26900	32300
23	41600	24500	32300	37300	29600	33400	41300	26200	32500	39600	27200	32000
24	41200	24500	32000	37700	21600	31600	40100	29100	34000	40500	25600	32800
25	38700	24400	32100	38600	21900	29400	39700	28400	34100	39100	28700	33900
26	39700	25700	32700	38500	23100	29100	40400	29300	35000	41200	27500	33500
27	39600	26800	32600	37600	22800	29700	41400	29500	35200	40500	27500	33800
28	41900	27700	33000	35800	22200	27900	41900	29100	34600	42000	28400	33200
29	40200	28000	32900	39700	21900	28900	42200	28300	35200	40500	24600	32000
30	39800	26800	33500	39900	23700	29500	42400	30300	34900	39200	25800	31400
31	---	---	---	38700	23100	29500	42500	27300	34400	---	---	---
MONTH	43000	22800	31800	44700	21600	31700	42500	22600	32300	42500	21200	31500

021720710 COOPER RIVER AT CUSTOMS HOUSE (AUX) AT CHARLESTON, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	21.9	21.2	21.6	14.6	13.9	14.2	11.8	10.9	11.2
2	---	---	---	21.6	20.9	21.2	14.2	13.3	13.8	11.4	11.1	11.3
3	---	---	---	21.0	20.4	20.7	13.9	13.4	13.6	11.4	10.8	11.2
4	---	---	---	20.5	19.8	20.2	13.4	12.4	12.9	10.9	10.5	10.8
5	---	---	---	20.2	19.6	19.9	12.6	11.9	12.2	10.9	10.3	10.6
6	---	---	---	20.5	19.5	20.1	12.1	11.5	11.9	10.9	10.4	10.6
7	---	---	---	19.7	19.2	19.4	11.8	11.3	11.6	10.7	9.9	10.3
8	---	---	---	19.7	18.9	19.2	11.7	11.2	11.4	10.4	9.6	10.1
9	26.6	25.5	26.1	19.7	18.9	19.3	11.4	11.0	11.2	10.3	9.9	10.1
10	---	---	---	19.8	19.3	19.5	11.1	10.7	10.9	10.4	9.9	10.1
11	---	---	---	20.2	19.6	19.9	10.9	10.7	10.8	10.2	9.7	10.0
12	---	---	---	20.2	19.8	20.1	---	---	---	10.2	9.3	10.0
13	---	---	---	20.4	18.8	19.9	---	---	---	10.2	9.1	9.7
14	---	---	---	20.1	18.9	19.6	11.2	10.8	11.1	9.9	9.3	9.6
15	---	---	---	19.8	18.9	19.4	11.2	10.7	11.0	9.7	9.3	9.5
16	---	---	---	19.3	19.2	19.3	11.1	10.7	11.0	9.8	9.2	9.4
17	---	---	---	19.3	18.2	18.9	11.4	10.9	11.1	9.5	9.0	9.4
18	23.4	22.4	23.0	18.4	17.4	18.0	11.5	11.0	11.2	9.1	8.6	8.8
19	22.8	22.2	22.4	18.1	17.1	17.5	11.6	11.2	11.4	8.7	8.1	8.4
20	---	---	---	17.6	17.0	17.4	11.9	11.4	11.7	8.5	8.0	8.2
21	---	---	---	17.5	17.2	17.3	11.8	11.4	11.6	8.8	8.0	8.3
22	---	---	---	17.3	16.6	17.1	11.8	11.2	11.5	8.6	8.2	8.4
23	---	---	---	17.0	16.0	16.5	---	---	---	8.3	7.7	8.0
24	---	---	---	16.5	15.6	16.2	---	---	---	7.8	6.9	7.2
25	---	---	---	16.4	15.9	16.1	11.6	11.2	11.3	7.1	6.6	6.9
26	---	---	---	16.3	15.7	16.0	11.7	10.8	11.2	7.1	6.7	6.9
27	---	---	---	16.3	15.6	16.0	11.2	10.8	11.0	7.1	6.7	6.9
28	---	---	---	16.2	15.0	15.6	11.0	10.4	10.8	7.3	6.5	6.8
29	---	---	---	15.7	14.4	15.2	---	---	---	7.5	6.7	7.1
30	---	---	---	15.1	14.3	14.7	11.0	10.5	10.7	7.8	7.2	7.5
31	---	---	---	---	---	---	10.9	10.5	10.8	7.8	7.5	7.6
MONTH	---	---	---	21.9	14.3	18.4	---	---	---	11.8	6.5	9.1

DAY	MAX	MIN	MEAN	Temperature, water, degrees Celsius								
	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	8.1	7.5	7.8	---	---	---	17.8	16.4	16.8	22.4	21.9	22.1
2	8.3	7.7	8.0	---	---	---	18.5	16.3	16.9	23.7	21.8	22.5
3	8.8	7.9	8.2	---	---	---	18.7	16.7	17.1	23.1	22.3	22.7
4	9.0	8.4	8.6	---	---	---	18.3	17.0	17.3	23.6	22.4	22.7
5	9.1	8.5	8.8	---	---	---	19.1	17.3	17.8	23.7	22.4	22.8
6	9.1	8.8	8.9	---	---	---	18.4	17.7	18.1	24.6	22.6	23.3
7	9.0	8.8	8.9	---	---	---	18.6	17.9	18.2	24.4	23.0	23.6
8	9.0	8.6	8.8	---	---	---	18.2	17.4	17.9	24.5	23.3	23.8
9	8.9	8.7	8.8	---	---	---	17.9	17.3	17.6	24.7	23.7	24.2
10	9.1	8.7	8.9	---	---	---	17.5	16.6	17.1	25.0	23.9	24.5
11	---	---	---	14.2	12.9	13.5	17.0	16.4	16.7	25.4	24.0	24.7
12	---	---	---	15.0	13.2	14.0	17.3	16.4	16.8	25.2	24.2	24.5
13	---	---	---	14.8	13.5	14.2	18.4	16.7	17.2	25.2	23.6	24.0
14	---	---	---	14.4	13.9	14.3	18.9	17.4	17.9	24.6	23.0	23.7
15	10.2	8.9	9.4	14.3	13.8	14.0	19.3	17.9	18.6	23.9	22.9	23.4
16	9.8	9.6	9.8	14.7	13.8	14.1	19.9	18.4	19.3	24.5	23.0	23.6
17	9.7	9.3	9.5	14.5	14.0	14.3	20.2	19.1	19.8	24.3	23.6	23.9
18	9.5	9.1	9.3	15.0	14.0	14.4	20.9	19.6	20.3	24.4	23.6	23.9
19	9.6	9.0	9.2	15.4	14.3	14.8	21.0	20.1	20.5	24.0	23.2	23.8
20	9.7	9.2	9.4	15.7	14.9	15.3	21.4	20.0	20.6	24.2	23.2	23.5
21	10.0	9.5	9.7	17.2	15.4	16.0	21.5	20.4	20.9	24.5	23.3	23.8
22	10.8	9.8	10.2	17.8	15.8	16.5	21.4	20.8	21.0	24.3	23.5	23.8
23	11.2	10.4	10.7	17.2	16.1	16.6	21.1	20.2	20.7	24.0	23.5	23.8
24	---	---	---	17.9	15.9	16.7	21.5	19.9	20.6	24.7	23.4	23.9
25	---	---	---	18.2	16.0	16.9	20.7	20.2	20.4	25.5	23.7	24.3
26	---	---	---	18.0	16.3	17.1	20.8	20.3	20.5	25.1	24.4	24.7
27	---	---	---	17.6	16.9	17.3	21.6	20.3	20.7	25.0	24.4	24.7
28	---	---	---	19.0	17.1	17.7	22.0	20.6	21.0	25.1	24.1	24.4
29	---	---	---	20.4	17.6	18.4	22.5	20.9	21.5	25.1	24.3	24.5
30	---	---	---	---	---	---	23.0	21.4	22.0	24.9	23.9	24.4
31	---	---	---	17.8	16.8	17.3	---	---	---	25.8	24.1	24.6
MONTH	---	---	---	---	---	---	23.0	16.3	19.1	25.8	21.8	23.8

COOPER RIVER BASIN

021720710 COOPER RIVER AT CUSTOMS HOUSE (AUX) AT CHARLESTON, SC--Continued

Temperature, water, degrees Celsius
 WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	25.7	24.5	24.8	27.7	26.8	27.4	28.6	25.8	27.3	29.4	28.2	28.9
2	26.0	24.4	25.0	27.6	26.6	27.1	28.5	25.8	27.2	29.5	28.3	29.0
3	25.3	24.5	24.9	28.2	26.7	27.2	28.2	26.2	27.3	29.8	28.3	29.0
4	25.2	24.8	24.9	28.6	27.0	27.5	28.0	26.4	27.3	29.7	27.7	29.0
5	26.0	24.7	25.2	28.2	27.3	27.7	27.8	26.1	27.2	29.5	27.0	28.5
6	26.0	25.1	25.5	28.5	27.5	27.9	28.0	25.9	27.1	28.6	26.2	27.2
7	25.9	25.4	25.6	28.4	27.5	27.9	27.7	25.9	26.8	26.9	25.1	26.1
8	26.0	25.6	25.8	28.8	27.6	28.1	28.4	26.1	27.0	26.0	24.5	25.5
9	26.5	25.7	26.1	29.0	27.6	28.2	28.8	26.0	27.2	26.2	24.5	25.3
10	27.1	26.2	26.5	29.5	27.8	28.3	28.8	25.6	27.2	25.6	24.6	25.2
11	28.0	26.5	26.9	29.7	27.7	28.3	29.7	25.8	27.2	25.2	24.2	24.7
12	28.3	26.5	27.0	29.8	28.1	28.4	29.5	25.8	27.1	24.7	24.0	24.4
13	28.0	26.6	27.1	28.6	27.7	28.2	29.5	26.5	27.3	25.4	24.1	24.6
14	28.7	26.6	27.2	28.3	27.4	27.8	29.4	26.9	27.7	26.0	24.4	24.8
15	28.6	26.5	27.4	28.6	27.3	27.8	29.4	27.6	28.1	26.1	24.6	25.1
16	29.1	26.6	27.6	29.2	27.5	28.0	29.0	27.9	28.4	26.1	25.0	25.4
17	28.6	26.7	27.6	29.5	27.8	28.4	29.0	28.1	28.5	25.5	24.6	25.2
18	28.1	26.9	27.6	28.9	28.1	28.4	28.7	28.0	28.4	25.2	24.5	24.9
19	28.8	27.2	27.6	28.7	28.1	28.4	29.0	27.3	28.3	25.2	24.3	24.9
20	27.9	27.0	27.6	29.0	28.1	28.5	28.8	26.9	28.2	26.1	24.8	25.2
21	27.7	26.7	27.2	29.3	27.9	28.6	28.5	26.9	28.0	26.3	25.2	25.5
22	27.7	26.5	27.0	29.1	27.9	28.5	28.7	27.4	28.0	26.4	25.4	25.8
23	27.8	26.2	26.9	28.7	27.9	28.2	29.3	27.7	28.2	26.1	25.7	25.8
24	28.1	26.3	27.1	28.4	27.8	28.1	29.5	26.9	28.1	26.1	25.6	25.8
25	28.9	26.9	27.3	29.2	27.8	28.1	28.9	26.6	27.5	26.3	25.6	25.8
26	28.8	27.1	27.5	28.6	27.6	27.9	29.4	27.1	27.6	26.0	25.6	25.8
27	28.9	27.2	27.7	29.2	27.6	28.0	30.0	27.3	27.9	26.0	25.6	25.8
28	28.9	27.2	27.7	28.6	27.5	27.9	29.5	27.4	28.1	26.2	25.6	25.9
29	28.8	27.1	27.6	29.1	26.7	27.7	30.1	27.3	28.3	25.8	24.8	25.2
30	28.6	27.1	27.6	29.7	26.5	27.6	29.6	27.5	28.5	24.9	23.9	24.4
31	---	---	---	29.3	26.5	27.6	29.5	27.9	28.8	---	---	---
MONTH	29.1	24.4	26.7	29.8	26.5	28.0	30.1	25.6	27.7	29.8	23.9	26.0

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, 22.58 ft, Apr. 17; minimum gage height, 13.13 ft, Nov. 6.

Gage height, feet WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	21.21	16.50	18.75	21.28	15.23	18.54	20.21	14.08	17.39	21.91	14.11	17.78
2	21.05	15.79	18.51	21.36	14.84	18.51	21.24	13.87	17.79	20.93	13.72	17.52
3	21.22	15.13	18.31	21.47	14.64	18.31	20.98	13.76	17.79	21.23	14.24	17.56
4	21.60	14.68	18.35	21.65	14.25	18.21	22.30	14.61	18.48	20.94	13.69	17.60
5	21.48	14.42	18.25	22.20	14.32	18.51	21.93	14.50	18.10	21.17	14.91	17.95
6	21.69	14.25	18.30	21.59	13.13	17.41	21.33	14.53	17.85	20.56	14.61	17.39
7	22.01	14.67	18.52	21.55	14.32	17.92	20.96	14.78	17.73	---	---	---
8	22.20	14.78	18.70	21.35	15.28	18.17	20.59	14.89	17.58	---	---	---
9	22.44	15.66	18.92	21.01	15.47	18.07	20.75	15.38	17.94	---	---	---
10	22.09	15.85	18.96	20.64	15.61	17.94	21.18	16.62	18.73	19.13	15.03	17.11
11	22.00	16.25	18.96	19.98	15.38	17.62	20.59	15.29	18.17	19.35	15.58	17.52
12	21.22	15.95	18.50	19.91	15.63	17.73	19.41	15.43	17.49	19.42	15.57	17.61
13	21.24	16.30	18.73	20.01	15.26	17.76	20.00	15.68	18.23	20.10	15.17	17.64
14	21.63	16.83	19.38	20.45	16.10	18.41	19.82	14.51	17.02	19.88	15.02	17.61
15	22.29	17.92	20.15	20.83	16.06	18.73	19.74	15.03	17.54	19.59	14.82	17.44
16	21.54	16.48	19.33	20.80	15.97	18.66	19.89	14.55	17.39	20.41	14.79	17.77
17	21.32	15.96	18.89	20.81	14.14	17.83	20.41	14.71	17.97	19.93	14.27	17.15
18	21.13	15.99	18.82	19.95	14.13	17.55	21.14	15.33	18.36	20.88	14.04	17.74
19	20.88	16.06	18.63	20.73	15.04	18.02	21.20	15.50	18.28	19.97	13.46	16.84
20	20.79	15.86	18.46	20.91	14.94	18.13	20.83	14.34	17.37	19.62	13.46	16.51
21	20.78	15.40	18.31	21.15	15.44	18.24	19.64	13.67	16.77	19.94	13.46	16.70
22	20.94	15.58	18.42	20.73	14.91	17.57	19.84	13.95	16.75	20.81	14.18	17.63
23	21.14	15.85	18.47	20.15	14.74	17.37	19.88	14.04	17.00	20.39	14.71	17.39
24	21.21	16.19	18.63	20.19	14.94	17.40	20.74	14.91	17.76	19.62	13.76	16.82
25	21.19	16.08	18.63	20.12	15.10	17.42	19.93	13.87	16.79	19.84	14.56	17.15
26	20.78	16.24	18.33	20.22	15.13	17.52	20.17	14.21	17.09	20.38	14.17	17.15
27	20.59	16.03	18.25	20.05	15.10	17.46	20.29	15.09	17.72	19.71	14.39	17.02
28	20.71	16.24	18.30	20.42	15.17	17.78	20.05	14.63	17.47	20.56	14.27	17.47
29	20.66	15.89	18.19	20.25	14.56	17.72	20.18	14.15	17.24	20.54	13.89	17.37
30	20.77	15.88	18.31	19.60	13.29	16.88	20.71	14.23	17.67	20.61	13.91	17.54
31	21.05	15.58	18.50	---	---	---	21.15	14.44	17.86	20.66	14.01	17.52
MONTH	22.44	14.25	18.64	22.20	13.13	17.91	22.30	13.67	17.66	---	---	---

COOPER RIVER BASIN

021720711 COOPER RIVER AT CUSTOMS HOUSE AT CHARLESTON, SC--Continued

Gage height, feet
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	20.83	14.22	17.58	21.08	14.93	18.32	20.12	14.56	17.54	20.98	15.35	18.17
2	20.63	14.11	17.44	21.23	14.95	18.09	19.68	14.02	16.90	20.84	15.48	18.16
3	20.40	14.14	17.25	20.82	14.62	18.00	19.65	14.07	16.85	20.76	15.12	17.99
4	20.04	13.83	16.94	21.01	15.19	18.10	20.14	14.47	17.15	21.52	15.72	18.59
5	19.46	14.39	16.83	20.36	14.47	17.69	20.05	15.03	17.46	21.08	16.07	18.69
6	19.80	15.12	17.32	19.86	14.32	17.28	21.16	15.41	17.99	20.55	15.48	17.84
7	19.52	14.46	17.09	20.25	15.24	17.61	20.72	15.83	18.20	20.19	15.43	17.53
8	19.22	15.08	17.03	20.29	15.60	17.89	20.96	16.18	18.12	20.16	15.22	17.43
9	19.29	15.58	17.33	20.19	16.24	18.08	21.10	16.62	18.59	19.89	15.26	17.42
10	19.50	15.23	17.20	20.19	16.30	18.20	21.05	16.14	18.62	19.80	15.04	17.44
11	19.11	15.20	17.16	20.38	16.07	18.14	20.78	16.49	18.60	20.02	14.71	17.43
12	19.13	14.57	16.78	19.93	15.94	17.76	20.89	15.47	18.40	19.99	14.03	17.19
13	19.43	14.33	16.95	20.01	15.65	17.82	20.88	15.11	18.29	20.99	14.18	17.62
14	19.57	14.10	17.03	20.19	15.95	18.27	21.06	14.59	18.24	21.70	14.16	17.95
15	20.05	14.06	17.22	21.32	15.30	18.67	21.49	14.11	18.13	21.78	14.13	18.03
16	20.99	13.75	18.03	21.30	14.77	18.32	22.12	14.20	18.29	21.90	13.95	17.84
17	21.26	14.19	17.89	21.28	14.43	18.35	22.58	14.45	18.52	22.36	14.29	18.12
18	20.84	13.71	17.53	21.76	14.59	18.52	22.50	14.98	18.64	22.34	15.22	18.60
19	21.01	14.01	17.68	22.22	14.69	18.63	22.24	14.97	18.41	21.89	15.60	18.46
20	20.98	14.18	17.72	21.90	14.50	18.67	22.14	15.39	18.56	21.68	15.77	18.46
21	21.17	14.99	18.11	21.49	14.40	18.04	21.98	15.74	18.62	21.32	15.41	17.97
22	21.16	14.98	18.15	21.00	14.54	17.78	21.74	15.37	18.19	20.61	15.39	17.95
23	20.64	13.91	16.77	20.91	14.84	17.83	20.80	15.93	18.45	20.84	15.55	17.92
24	19.97	14.49	17.17	21.04	15.32	18.03	20.83	15.69	18.33	20.34	15.63	18.15
25	19.96	14.75	17.36	20.95	15.61	18.12	20.80	15.75	18.42	20.41	15.60	18.25
26	20.61	15.46	18.09	20.45	15.39	17.93	20.46	15.38	18.22	20.32	15.40	18.00
27	21.22	15.01	18.26	20.81	15.81	18.47	20.83	15.79	18.46	20.30	15.29	17.87
28	20.74	14.98	17.88	21.39	15.55	18.72	20.87	15.57	18.49	20.78	15.46	18.15
29	---	---	---	20.87	15.14	18.20	20.77	15.12	18.16	20.38	15.07	17.77
30	---	---	---	---	---	---	20.89	14.98	18.01	20.61	15.19	17.84
31	---	---	---	20.39	14.80	17.70	---	---	---	20.42	15.04	17.70
MONTH	21.26	13.71	17.42	---	---	---	22.58	14.02	18.16	22.36	13.95	17.95

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	20.61	14.18	17.41	21.14	14.87	17.78	20.64	14.31	17.42	20.60	14.46	17.53
2	20.87	15.26	17.85	20.32	14.78	17.67	20.50	14.47	17.57	20.62	14.54	17.54
3	20.70	15.78	18.07	20.12	14.56	17.19	20.18	14.51	17.50	20.66	14.64	17.55
4	20.17	15.10	17.69	20.12	14.38	17.18	20.11	14.40	17.23	20.72	14.88	17.72
5	20.18	15.00	17.34	20.02	14.67	17.27	20.24	14.23	17.23	21.17	14.95	18.01
6	20.50	15.39	17.79	19.96	14.56	17.21	20.43	14.15	17.22	21.81	15.85	18.86
7	20.59	15.10	17.68	19.92	14.28	17.13	20.71	14.31	17.41	21.79	15.79	18.81
8	20.06	14.73	17.40	20.17	13.97	17.15	21.00	14.42	17.61	21.82	15.51	18.81
9	20.27	14.32	17.44	20.75	14.09	17.35	21.05	13.90	17.51	21.97	15.75	18.91
10	20.91	14.55	17.83	21.02	13.91	17.50	20.92	13.62	17.24	21.61	15.83	18.86
11	21.37	14.27	17.91	21.10	13.61	17.39	20.81	13.89	17.36	21.81	16.15	19.13
12	21.56	14.00	17.88	21.19	13.41	17.30	20.80	14.11	17.49	21.50	15.93	18.94
13	21.51	13.66	17.64	21.07	13.87	17.49	20.92	14.31	17.59	20.88	15.72	18.41
14	21.62	13.76	17.63	21.03	13.70	17.40	20.60	14.54	17.72	20.98	15.57	18.43
15	21.49	13.78	17.51	20.98	14.14	17.55	20.20	14.58	17.59	20.78	15.91	18.45
16	21.30	14.03	17.51	20.62	14.38	17.50	20.06	14.82	17.55	20.82	16.10	18.58
17	21.21	14.73	17.88	20.16	14.39	17.33	19.72	14.60	17.34	21.07	16.99	18.92
18	21.06	15.02	18.01	---	---	---	19.67	14.73	17.31	20.45	16.74	18.50
19	20.95	14.85	17.78	---	---	---	19.88	15.42	17.68	19.88	15.88	17.86
20	20.29	15.22	17.71	---	---	---	20.01	15.73	17.86	20.33	16.00	18.14
21	20.59	15.53	18.29	---	---	---	20.02	15.63	17.80	20.92	16.43	18.59
22	20.54	15.79	18.28	19.42	14.64	17.11	19.95	15.51	17.57	21.28	16.26	18.84
23	20.46	15.60	18.15	19.19	14.45	16.83	19.85	15.10	17.38	21.30	15.32	18.55
24	20.20	15.33	17.92	19.53	14.57	16.95	20.50	14.96	17.69	21.92	15.87	18.99
25	20.29	15.29	17.88	19.75	14.92	17.30	20.84	15.12	18.08	22.30	15.57	19.14
26	20.45	15.28	17.83	20.25	14.83	17.46	21.01	14.71	17.95	21.97	15.48	19.02
27	20.55	15.02	17.74	20.51	14.69	17.50	21.05	14.36	17.80	22.11	15.43	18.90
28	20.69	15.11	17.84	20.39	14.09	17.23	20.90	14.14	17.61	22.10	15.12	18.63
29	20.49	14.70	17.62	20.74	14.24	17.31	20.98	14.23	17.68	22.02	15.17	18.57
30	20.72	14.96	17.70	20.68	14.24	17.36	20.78	14.41	17.75	21.87	15.41	18.58
31	---	---	---	20.52	14.28	17.36	20.62	14.35	17.57	---	---	---
MONTH	21.62	13.66	17.77	---	---	---	21.05	13.62	17.56	22.30	14.46	18.53

ASHLEY RIVER BASIN

02172076 GREAT CYPRESS SWAMP NEAR RIDGEVILLE, SC--Continued

Gage height, feet
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	31.04	31.03	31.04	31.88	31.78	31.81	31.60	31.56	31.58	31.67	31.51	31.59
2	31.03	31.03	31.03	32.27	31.88	32.09	31.56	31.51	31.54	31.51	31.33	31.42
3	31.03	31.03	31.03	32.43	32.27	32.36	31.51	31.46	31.49	31.34	31.21	31.28
4	31.03	31.03	31.03	32.62	32.43	32.55	31.46	31.39	31.43	31.21	31.11	31.16
5	31.03	31.01	31.02	32.62	32.47	32.56	31.39	31.31	31.35	31.11	31.03	31.06
6	31.07	31.00	31.01	32.47	32.31	32.38	31.31	31.23	31.27	31.05	30.97	31.01
7	31.16	31.04	31.11	32.31	32.28	32.29	31.27	31.20	31.23	31.11	31.05	31.10
8	31.20	31.16	31.18	32.30	32.26	32.29	31.45	31.27	31.34	31.19	31.11	31.14
9	31.24	31.20	31.22	32.27	32.25	32.25	31.92	31.45	31.67	31.33	31.19	31.27
10	31.33	31.24	31.28	32.31	32.27	32.30	32.83	31.92	32.36	31.38	31.33	31.36
11	31.36	31.33	31.34	32.30	32.19	32.25	33.26	32.83	33.11	31.38	31.32	31.36
12	31.37	31.36	31.37	32.19	32.05	32.12	33.26	33.05	33.19	31.32	31.18	31.25
13	31.37	31.35	31.36	32.05	31.96	32.00	33.05	32.67	32.85	31.18	31.03	31.11
14	31.35	31.33	31.34	31.96	31.87	31.91	32.67	32.37	32.51	31.03	30.91	30.97
15	31.33	31.30	31.32	31.87	31.82	31.84	32.37	32.15	32.25	30.91	30.88	30.90
16	31.36	31.29	31.31	31.82	31.79	31.81	32.15	31.96	32.05	30.88	30.82	30.84
17	31.41	31.36	31.40	31.83	31.79	31.80	31.96	31.80	31.88	30.85	30.84	30.84
18	31.42	31.41	31.41	31.93	31.83	31.88	31.80	31.66	31.73	30.95	30.80	30.83
19	31.44	31.42	31.43	31.98	31.93	31.96	31.66	31.53	31.59	31.27	30.95	31.16
20	31.46	31.44	31.45	32.49	31.98	32.15	31.53	31.41	31.47	31.27	31.23	31.25
21	31.47	31.46	31.46	33.28	32.49	32.82	31.41	31.31	31.35	31.25	31.21	31.23
22	31.53	31.45	31.48	33.54	33.28	33.48	31.31	31.21	31.26	31.23	31.19	31.21
23	31.61	31.53	31.59	33.44	32.95	33.20	31.21	31.12	31.16	31.55	31.22	31.42
24	---	---	---	32.95	32.55	32.73	31.12	31.05	31.08	31.63	31.55	31.59
25	---	---	---	32.55	32.29	32.41	31.36	31.03	31.15	31.75	31.63	31.69
26	---	---	---	32.29	32.11	32.20	31.51	31.36	31.45	31.82	31.75	31.80
27	---	---	---	32.11	31.96	32.03	31.65	31.51	31.58	31.82	31.73	31.79
28	31.79	31.77	31.79	31.96	31.83	31.89	31.80	31.65	31.73	31.73	31.55	31.65
29	---	---	---	31.83	31.71	31.77	31.83	31.80	31.82	31.55	31.35	31.46
30	---	---	---	---	---	---	31.80	31.67	31.74	31.35	31.19	31.27
31	---	---	---	---	---	---	---	---	---	31.19	31.05	31.11
MONTH	---	---	---	---	---	---	33.26	31.03	31.74	31.82	30.80	31.26

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	31.07	30.94	31.01	31.39	31.35	31.36	32.34	32.23	32.26	31.27	31.17	31.22
2	30.94	30.81	30.87	31.45	31.36	31.43	32.41	32.24	32.32	31.17	31.11	31.13
3	30.91	30.73	30.80	31.52	31.45	31.47	32.43	32.34	32.40	31.35	31.08	31.18
4	31.10	30.91	31.03	31.67	31.52	31.59	32.34	32.14	32.25	31.37	31.32	31.34
5	31.21	31.10	31.15	31.71	31.67	31.68	32.14	31.98	32.05	32.92	31.35	32.23
6	31.39	31.21	31.31	32.96	31.71	32.38	31.98	31.88	31.93	33.28	32.92	33.20
7	31.45	31.39	31.42	32.96	32.61	32.82	32.37	31.97	32.19	33.23	32.96	33.10
8	31.69	31.45	31.51	32.61	32.26	32.42	32.45	32.37	32.43	34.00	32.91	33.40
9	31.77	31.69	31.74	32.26	32.03	32.14	32.43	32.27	32.36	34.71	34.00	34.50
10	32.12	31.77	31.92	32.03	31.97	32.00	32.43	32.23	32.26	34.65	33.81	34.27
11	32.23	32.12	32.21	32.03	31.98	32.00	32.77	32.43	32.70	33.81	32.99	33.38
12	32.21	32.05	32.14	32.04	32.01	32.02	32.74	32.45	32.59	32.99	32.52	32.73
13	32.09	31.96	32.02	32.11	32.01	32.07	32.45	32.20	32.32	32.52	32.25	32.38
14	31.96	31.80	31.88	32.22	32.11	32.13	32.20	32.13	32.15	32.25	32.06	32.15
15	31.80	31.68	31.74	32.29	32.19	32.26	32.23	32.17	32.21	32.06	31.91	31.98
16	32.04	31.61	31.76	32.19	31.91	32.05	32.21	32.13	32.16	31.91	31.76	31.83
17	32.43	32.04	32.14	31.91	31.70	31.79	32.13	32.01	32.08	31.76	31.62	31.69
18	34.09	32.43	33.44	31.70	31.50	31.59	32.01	31.96	31.98	31.62	31.49	31.55
19	34.34	34.09	34.27	31.87	31.64	31.75	32.12	31.96	32.01	31.49	31.37	31.43
20	34.19	33.67	33.92	32.05	31.87	31.96	32.12	31.98	32.06	31.37	31.25	31.31
21	33.67	33.22	33.42	32.25	32.05	32.14	31.98	31.89	31.92	31.25	31.16	31.21
22	33.22	33.13	33.20	32.41	32.25	32.30	32.31	31.89	32.04	31.16	31.08	31.12
23	33.13	32.71	32.94	32.83	32.41	32.68	32.37	32.25	32.34	31.09	31.05	31.08
24	32.71	32.35	32.52	33.13	32.83	33.04	32.25	32.08	32.14	31.05	31.00	31.03
25	32.35	32.10	32.22	33.13	33.01	33.08	32.15	32.08	32.12	31.00	30.96	30.98
26	32.10	31.89	31.99	33.35	32.97	33.08	32.15	32.12	32.14	30.98	30.96	30.97
27	31.89	31.71	31.80	34.06	33.35	33.83	32.13	32.07	32.11	31.02	30.98	31.01
28	31.71	31.55	31.63	34.05	33.74	33.93	32.07	31.89	31.98	31.02	30.99	31.01
29	31.55	31.45	31.50	33.74	33.16	33.45	31.89	31.67	31.78	30.99	30.92	30.96
30	31.46	31.39	31.43	33.16	32.67	32.91	31.67	31.45	31.56	30.92	30.85	30.89
31	---	---	---	32.67	32.34	32.50	31.45	31.27	31.36	---	---	---
MONTH	34.34	30.73	32.03	34.06	31.35	32.32	32.77	31.27	32.14	34.71	30.85	31.88

ASHLEY RIVER BASIN

02172076 GREAT CYRPRESS SWAMP NEAR RIDGEVILLE, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	10.1	7.5	8.5	10.5	9.7	10.0	13.6	10.6	12.3	20.2	19.5	19.9
2	10.1	6.9	8.5	13.8	10.5	12.2	15.9	12.7	14.4	21.1	18.8	20.1
3	11.2	8.1	9.6	13.6	11.7	12.8	17.7	14.8	16.3	21.1	19.9	20.5
4	13.8	10.6	12.0	13.1	12.1	12.7	18.3	16.2	17.4	21.3	19.6	20.5
5	12.0	9.5	10.7	14.8	12.7	13.7	20.2	17.7	18.9	21.1	19.8	20.6
6	10.1	8.7	9.2	15.7	14.7	15.2	19.5	18.6	19.0	23.1	21.1	21.9
7	8.7	7.8	8.1	15.5	12.8	14.5	19.3	17.4	18.5	22.9	21.1	22.1
8	9.4	6.9	8.0	14.8	11.6	13.2	17.4	14.3	15.6	24.5	22.3	23.4
9	9.4	7.1	8.1	15.0	13.6	14.2	14.3	12.8	13.6	24.9	23.1	24.1
10	10.2	8.4	9.1	16.3	13.2	14.7	12.8	11.8	12.1	25.2	23.5	24.4
11	9.8	7.2	8.5	16.9	13.8	15.4	11.8	11.2	11.5	24.8	23.8	24.4
12	10.4	7.4	8.8	18.0	14.5	16.4	13.0	11.1	12.0	24.4	22.1	23.3
13	10.0	7.3	8.8	17.7	16.3	17.1	14.5	12.1	13.3	22.1	19.7	20.8
14	8.9	7.2	8.2	17.2	14.9	16.2	16.1	13.9	14.9	20.5	18.9	19.8
15	12.7	8.3	10.4	14.9	12.6	13.4	17.2	15.4	16.3	19.9	18.9	19.5
16	12.6	9.9	11.7	14.6	12.3	13.3	17.8	16.1	17.0	21.2	19.2	20.2
17	9.9	7.4	8.3	14.7	13.9	14.3	17.9	16.5	17.3	21.8	20.6	21.1
18	8.4	6.7	7.4	16.3	14.5	15.4	18.9	17.6	18.2	21.9	20.8	21.2
19	9.0	5.8	7.6	17.7	15.7	16.7	18.8	18.2	18.5	21.3	18.9	20.0
20	10.7	8.3	9.5	19.1	17.3	18.0	18.7	17.4	18.1	20.0	18.1	19.1
21	12.8	10.6	11.6	20.0	18.5	19.1	19.1	17.3	18.3	19.9	18.6	19.4
22	15.3	12.8	14.2	19.9	18.1	19.0	20.7	18.8	19.6	19.9	19.1	19.6
23	15.3	13.1	14.3	19.0	17.7	18.3	19.3	17.1	18.0	19.8	19.2	19.5
24	14.0	10.7	12.4	19.0	17.0	18.1	17.4	15.2	16.5	20.5	18.7	19.7
25	---	---	---	18.8	16.3	17.6	16.9	16.2	16.4	21.3	19.6	20.5
26	---	---	---	19.2	16.9	18.1	18.0	16.0	16.9	21.6	20.9	21.3
27	---	---	---	18.7	17.9	18.3	18.5	16.6	17.7	21.7	21.1	21.4
28	10.4	8.1	9.2	18.8	17.2	18.0	18.8	17.3	18.2	21.4	20.0	20.8
29	---	---	---	21.1	18.4	19.7	19.4	17.6	18.5	21.5	20.1	20.9
30	---	---	---	---	---	---	20.3	18.4	19.4	21.1	19.5	20.5
31	---	---	---	14.7	12.3	13.3	---	---	---	22.3	19.4	20.9
MONTH	---	---	---	---	---	---	20.7	10.6	16.5	25.2	18.1	21.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	22.8	21.2	22.0	24.4	23.6	24.0	25.6	25.0	25.3	26.2	24.8	25.4
2	22.1	19.5	20.8	24.5	23.5	23.9	25.5	24.5	25.0	25.4	24.3	24.9
3	21.4	19.7	20.6	25.3	23.8	24.5	25.3	24.6	24.9	24.8	24.0	24.5
4	21.9	20.5	21.2	25.6	24.4	25.0	25.6	24.6	25.0	25.7	23.7	24.8
5	23.8	21.7	22.6	25.2	24.2	24.7	25.1	24.2	24.7	25.3	23.5	24.1
6	23.3	22.6	23.0	24.9	24.4	24.6	25.6	24.5	24.9	24.4	22.6	23.3
7	23.6	22.8	23.2	24.6	23.9	24.3	25.3	24.5	24.9	22.6	21.8	22.1
8	24.1	23.1	23.6	25.4	24.1	24.7	25.2	24.5	24.9	21.8	21.3	21.5
9	24.8	23.5	24.1	26.4	25.1	25.7	25.5	24.7	25.1	21.8	21.3	21.5
10	24.9	23.8	24.3	26.6	25.5	25.9	25.5	24.8	25.2	21.6	21.3	21.4
11	25.0	24.0	24.5	26.3	25.1	25.6	24.8	24.0	24.4	21.4	20.9	21.1
12	25.1	24.4	24.7	26.1	25.2	25.6	24.4	23.6	24.0	21.1	20.6	20.8
13	24.6	23.9	24.2	25.5	24.7	24.9	24.8	23.8	24.3	21.6	20.2	20.9
14	24.6	23.3	24.0	24.7	24.0	24.3	25.2	24.2	24.7	22.1	20.8	21.5
15	25.3	23.9	24.6	24.3	23.6	24.0	25.8	24.7	25.2	22.7	21.2	22.0
16	25.8	24.3	25.0	25.3	23.9	24.6	25.7	24.7	25.2	23.3	21.9	22.6
17	24.3	23.6	23.9	26.1	24.8	25.3	25.1	24.0	24.6	22.7	21.5	22.2
18	23.9	23.4	23.5	25.1	24.5	24.8	25.6	24.6	25.0	22.2	21.0	21.7
19	23.7	23.1	23.4	25.2	24.1	24.6	25.1	24.2	24.7	22.6	20.9	21.8
20	24.2	23.5	23.8	25.0	23.4	24.2	25.5	24.4	24.9	22.9	20.9	21.9
21	23.9	23.2	23.5	25.1	24.1	24.6	25.5	24.8	25.2	23.2	21.3	22.3
22	23.2	22.1	22.6	25.4	24.4	24.8	25.3	24.2	24.8	23.8	22.0	23.0
23	23.0	21.8	22.4	24.4	23.8	24.1	25.5	24.4	25.0	24.5	23.2	23.8
24	23.3	22.0	22.6	23.8	23.4	23.6	25.8	24.9	25.4	23.5	21.7	22.6
25	23.7	22.3	23.0	23.8	23.3	23.6	25.5	24.7	25.1	22.8	20.5	21.7
26	24.1	22.6	23.4	23.9	23.2	23.5	25.8	24.5	25.2	22.6	20.9	21.7
27	24.6	23.3	24.0	23.8	23.3	23.6	26.2	25.0	25.6	22.8	21.5	22.2
28	24.6	23.6	24.2	24.1	23.5	23.8	26.5	25.2	25.9	23.6	21.5	22.4
29	24.5	23.7	24.1	25.0	23.8	24.4	26.6	25.3	26.0	21.5	18.3	19.9
30	24.5	23.2	23.9	25.6	24.4	25.0	26.4	25.1	25.8	18.7	16.5	17.6
31	---	---	---	25.9	25.0	25.4	26.1	24.9	25.6	---	---	---
MONTH	25.8	19.5	23.4	26.6	23.2	24.6	26.6	23.6	25.0	26.2	16.5	22.2

ASHLEY RIVER BASIN

02172076 GREAT CYRPRESS SWAMP NEAR RIDGEVILLE, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	1.3	1.1	1.2	2.2	1.6	1.9	---	---	---	7.8	6.1	7.1
2	1.5	1.1	1.3	3.0	1.6	2.5	---	---	---	6.2	6.0	6.1
3	---	---	---	3.3	3.0	3.2	---	---	---	6.5	6.1	6.3
4	---	---	---	3.7	3.2	3.4	7.4	6.8	7.1	7.6	6.5	7.2
5	---	---	---	4.4	3.1	3.4	8.2	7.4	7.8	8.2	7.6	8.0
6	---	---	---	4.7	3.1	3.7	7.7	7.3	7.5	---	---	---
7	---	---	---	4.4	3.4	3.9	8.0	7.5	7.8	---	---	---
8	3.0	0.8	1.2	4.5	3.7	4.2	8.4	8.0	8.2	---	---	---
9	1.8	0.9	1.5	4.7	4.4	4.6	8.3	7.8	8.1	8.4	7.4	8.1
10	3.6	1.4	2.0	5.2	4.1	4.5	8.5	7.8	8.1	7.4	6.6	7.0
11	3.5	2.5	2.9	4.1	3.1	3.6	7.8	6.9	7.4	7.4	6.6	7.0
12	2.8	2.1	2.5	3.4	2.5	2.9	7.1	6.8	6.9	8.6	7.3	8.1
13	2.6	2.1	2.4	3.6	2.8	3.1	8.1	6.4	7.3	9.3	8.6	8.9
14	2.8	2.4	2.6	4.1	3.0	3.5	6.4	6.0	6.2	9.7	8.9	9.2
15	3.4	2.8	3.3	4.7	4.0	4.4	7.4	6.3	7.0	9.7	9.1	9.4
16	3.5	3.3	3.4	5.7	4.5	4.9	8.4	7.4	7.7	10.3	9.3	9.8
17	3.7	3.4	3.5	5.1	4.4	4.7	7.8	7.3	7.6	9.3	8.5	8.9
18	4.0	3.6	3.8	5.6	4.8	5.2	7.4	7.0	7.3	10.0	8.7	9.5
19	4.3	4.0	4.2	6.5	5.6	6.2	7.1	6.3	6.8	10.8	9.8	10.3
20	4.2	3.7	4.1	6.7	6.4	6.6	6.3	5.2	5.7	10.9	9.7	10.4
21	3.8	3.4	3.6	6.9	6.2	6.3	6.0	5.2	5.7	9.7	7.9	9.1
22	4.4	3.4	3.9	6.2	5.5	5.9	6.8	6.0	6.5	8.3	7.6	7.9
23	4.0	3.7	3.8	6.2	5.5	5.9	6.9	6.5	6.7	9.3	7.8	8.5
24	3.9	3.6	3.8	6.7	6.1	6.4	8.2	6.6	7.1	11.1	9.3	10.5
25	3.7	3.3	3.5	6.7	6.2	6.4	6.6	5.6	5.8	11.9	10.9	11.4
26	3.4	3.2	3.3	6.2	5.7	6.0	7.5	6.0	6.9	11.4	10.1	10.8
27	3.2	2.9	3.1	5.9	5.5	5.7	8.7	7.5	8.3	11.0	10.0	10.3
28	---	---	---	6.2	5.5	5.8	9.0	8.7	8.9	11.2	10.1	10.5
29	2.6	1.6	2.0	7.4	6.2	6.9	9.3	8.9	9.1	10.6	8.8	10.0
30	1.7	1.3	1.5	---	---	---	9.2	8.8	9.1	8.9	7.4	8.3
31	1.7	1.3	1.6	---	---	---	8.8	7.8	8.4	8.2	7.2	7.5
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	8.7	7.2	7.7	7.5	6.8	7.1	6.1	4.9	5.6	3.6	3.2	3.4
2	8.8	7.1	7.7	7.2	5.5	6.5	5.8	5.0	5.4	3.4	2.8	3.2
3	8.7	6.6	7.5	6.2	5.5	5.9	5.1	4.2	4.7	3.6	2.7	2.8
4	7.9	5.5	6.6	6.3	5.7	6.1	4.5	3.6	4.1	2.9	2.6	2.7
5	8.0	5.5	6.5	6.2	5.5	5.9	4.0	2.9	3.5	2.9	2.4	2.7
6	8.1	6.2	7.0	5.5	5.0	5.3	3.3	2.6	2.9	3.2	2.3	2.6
7	8.2	7.1	7.5	5.5	4.9	5.2	3.1	2.3	2.7	3.0	2.5	2.7
8	9.0	7.1	7.8	7.3	5.3	5.7	4.5	2.5	3.4	2.6	2.3	2.4
9	9.4	7.7	8.3	5.8	5.4	5.6	6.1	4.4	5.2	2.8	2.3	2.5
10	9.1	7.7	8.1	6.1	5.4	5.7	7.0	6.1	6.7	2.9	2.4	2.6
11	9.5	7.7	8.4	6.3	5.4	5.9	7.4	6.8	7.3	2.7	2.4	2.5
12	9.6	8.0	8.6	6.1	5.0	5.6	8.7	7.1	7.4	2.6	2.3	2.4
13	9.7	7.9	8.6	5.5	4.7	5.1	7.6	6.6	7.0	3.1	2.5	2.8
14	9.6	8.0	8.6	5.2	4.6	4.9	7.0	5.7	6.4	3.1	2.8	2.9
15	9.7	7.0	8.4	6.1	5.0	5.6	6.0	5.4	5.7	3.4	2.7	3.0
16	7.6	6.3	6.8	7.6	5.9	6.3	5.4	4.9	5.2	3.0	2.6	2.8
17	8.4	6.8	7.5	6.3	5.7	6.0	6.3	4.6	4.9	2.7	2.4	2.5
18	9.8	7.8	8.6	6.1	5.3	5.6	4.6	4.1	4.4	3.9	2.3	2.5
19	10.3	8.6	9.2	5.8	4.9	5.3	4.1	3.8	4.0	5.9	3.3	4.5
20	9.7	7.9	8.6	6.4	4.0	5.0	4.1	3.8	4.0	5.7	4.5	5.2
21	8.8	6.8	7.6	4.2	3.8	4.0	4.0	3.5	3.8	5.0	4.2	4.5
22	7.2	5.3	6.2	4.7	4.1	4.3	3.5	2.8	3.2	4.7	4.2	4.4
23	6.5	4.6	5.4	4.2	4.0	4.1	3.4	2.8	3.1	5.4	4.7	5.1
24	---	---	---	4.5	4.1	4.3	4.3	3.3	3.8	5.1	4.5	4.9
25	---	---	---	4.7	4.3	4.5	5.1	3.7	4.2	5.1	4.5	4.7
26	---	---	---	4.7	3.5	4.2	4.3	3.9	4.1	4.7	4.5	4.6
27	---	---	---	3.8	3.3	3.5	4.4	4.0	4.2	4.6	4.3	4.4
28	8.0	6.8	7.2	3.7	3.2	3.5	4.6	4.1	4.5	4.5	4.2	4.4
29	---	---	---	3.4	2.6	3.1	4.6	4.2	4.4	4.3	3.9	4.1
30	---	---	---	---	---	---	4.2	3.6	4.0	4.3	3.8	4.0
31	---	---	---	5.6	3.2	4.4	---	---	---	4.3	3.4	3.8
MONTH	---	---	---	---	---	---	8.7	2.3	4.7	5.9	2.3	3.5

ASHLEY RIVER BASIN

02172076 GREAT CYRPRESS SWAMP NEAR RIDGEVILLE, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	3.4	2.7	3.0	3.2	2.9	3.0	3.2	3.0	3.0	1.1	0.8	1.0
2	3.3	2.8	3.1	3.6	3.2	3.3	3.4	3.1	3.2	1.8	0.9	1.4
3	4.3	2.9	3.3	3.8	3.2	3.3	3.4	3.1	3.3	3.3	1.4	1.9
4	3.8	2.3	3.2	4.0	3.3	3.5	3.1	2.8	3.0	2.2	1.5	1.7
5	3.7	2.2	2.4	3.5	3.3	3.4	3.0	2.8	3.0	5.9	2.1	4.6
6	2.9	2.4	2.7	4.5	3.1	3.9	3.7	2.6	2.9	4.6	3.2	4.2
7	4.1	2.5	2.8	4.5	3.9	4.2	3.6	2.8	3.0	4.7	4.3	4.5
8	4.1	2.5	3.4	4.0	3.5	3.7	3.2	2.9	3.1	6.6	4.6	5.7
9	3.8	2.3	2.5	3.5	3.0	3.2	3.2	2.7	2.9	6.2	5.4	5.9
10	3.8	2.6	2.8	3.6	2.9	3.2	3.1	2.7	2.8	5.7	5.0	5.3
11	3.2	2.6	2.9	3.4	2.9	3.1	3.9	3.1	3.6	5.1	4.2	4.7
12	2.8	2.2	2.5	3.4	3.1	3.2	3.8	2.6	3.1	4.6	3.6	4.4
13	2.7	2.1	2.3	3.5	3.2	3.3	2.8	2.0	2.5	4.7	3.5	4.2
14	2.3	1.9	2.1	3.8	3.3	3.5	2.7	2.3	2.4	4.3	3.4	3.9
15	2.0	1.7	1.9	3.3	3.0	3.2	2.8	2.1	2.5	3.9	2.9	3.4
16	3.3	1.7	2.2	3.2	2.9	3.1	3.3	2.1	2.5	3.3	2.5	2.9
17	4.2	2.6	2.9	3.1	2.5	2.8	2.5	1.9	2.2	3.0	1.9	2.7
18	5.0	3.8	4.6	3.7	2.3	2.6	2.5	1.9	2.2	3.0	2.8	2.9
19	5.1	4.4	4.7	3.7	2.5	2.9	2.6	2.2	2.5	2.9	2.5	2.7
20	4.5	4.3	4.4	2.9	2.4	2.5	2.5	2.0	2.2	2.8	2.3	2.5
21	4.4	4.2	4.3	2.8	2.5	2.7	2.3	2.0	2.2	2.4	2.1	2.2
22	4.8	4.3	4.6	3.2	2.5	2.8	3.5	2.2	2.7	2.5	1.6	1.9
23	4.7	4.4	4.6	3.5	2.9	3.1	4.0	3.1	3.6	1.7	1.1	1.4
24	4.5	4.2	4.3	3.7	3.2	3.4	3.1	2.7	2.9	1.6	1.2	1.3
25	4.2	4.0	4.1	3.7	3.4	3.6	3.4	2.8	3.0	1.6	1.4	1.5
26	4.2	3.6	3.8	4.0	3.6	3.7	3.5	2.4	2.9	1.7	1.3	1.5
27	3.6	3.3	3.5	4.1	3.7	4.0	3.4	2.8	3.0	1.7	1.4	1.5
28	3.3	3.1	3.2	4.2	3.7	3.9	3.4	2.0	2.5	1.6	1.3	1.5
29	3.3	3.0	3.1	4.1	3.5	3.9	2.0	1.8	1.9	2.1	1.4	1.8
30	3.2	3.0	3.1	3.9	3.4	3.6	2.0	1.4	1.9	2.8	2.1	2.4
31	---	---	---	3.4	3.0	3.2	1.4	0.7	1.1	---	---	---
MONTH	5.1	1.7	3.3	4.5	2.3	3.3	4.0	0.7	2.7	6.6	0.8	2.9

02172080 ASHLEY RIVER NEAR SUMMERVILLE, SC

LOCATION.--Lat 32°58'06'', long 80°15'11'', Dorchester County, Hydrologic Unit 03050202, on downstream side of bridge on US Hwy 17-A (Slands Bridge), 5 mi southeast of Givhans, and 5 mi southwest of Summerville.

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--July 2001 to September 2003 (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, 3,340 ft³/s, Sep. 11, 2001, maximum gage height, 40.25 ft, Sep. 11, 2003; minimum discharge, -31 ft³/s, Sep. 24, 2001, minimum gage height, 29.87 ft, Dec. 9, 10, 2001.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 3,340 ft³/s, Sep. 11, maximum gage height, 40.25 ft, Sep. 11; minimum discharge, -13 ft³/s, Oct. 8, minimum gage height, 30.32 ft, Oct. 7.

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

DAY	MAX		MIN		MAX		MIN		MAX		MIN		MAX		MIN	
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH					
1	18	-5.6	137	81	197	103	670	498	78	31	306	181				
2	19	-11	120	59	169	101	636	454	67	28	381	208				
3	21	-5.5	113	62	140	68	561	392	71	25	561	299				
4	20	-4.2	104	49	131	66	481	347	75	27	637	445				
5	20	-9.3	97	53	108	55	442	308	65	26	680	480				
6	21	-5.4	125	55	106	51	443	301	64	28	784	538				
7	17	-6.7	139	82	95	43	447	323	81	24	894	654				
8	22	-13	169	98	81	33	468	319	80	39	956	695				
9	22	-8.4	178	117	77	32	428	303	84	40	956	729				
10	22	-7.0	221	117	78	30	398	275	94	39	891	633				
11	39	-0.45	227	145	85	28	351	235	110	48	777	596				
12	69	4.2	284	178	98	23	302	146	95	48	688	532				
13	96	27	300	193	125	50	291	159	102	52	633	478				
14	123	50	328	219	139	82	239	135	102	53	632	444				
15	131	79	354	269	185	101	207	124	112	54	569	419				
16	149	88	365	283	226	139	203	114	138	53	528	339				
17	174	102	435	288	231	143	176	94	157	90	462	327				
18	202	120	514	318	---	---	156	95	195	110	456	280				
19	223	140	595	407	---	---	141	84	190	114	438	309				
20	221	138	618	437	321	177	127	72	183	116	615	296				
21	219	163	---	---	325	199	124	73	184	106	967	528				
22	214	140	---	---	328	218	133	65	191	99	1210	856				
23	206	114	594	393	328	213	138	81	219	122	1690	1060				
24	176	123	565	381	342	202	146	64	228	135	1820	1480				
25	160	99	455	321	472	262	113	59	234	134	1740	1350				
26	157	92	414	256	576	394	115	62	240	134	1540	1150				
27	146	82	354	231	631	463	95	49	269	139	1250	882				
28	138	85	313	188	706	492	87	41	292	178	947	674				
29	133	71	268	144	780	571	84	40	---	---	749	476				
30	137	77	214	117	743	598	80	43	---	---	632	393				
31	135	82	---	---	728	506	82	39	---	---	498	303				
MONTH	223	-13	---	---	---	---	670	39	292	24	1820	181				

ASHLEY RIVER BASIN

02172080 ASHLEY RIVER NEAR SUMMERVILLE, 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
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	419	56	198	102	228	121	337	200	---	---	310	238
2	337	212	225	131	180	102	287	149	---	---	253	208
3	329	194	258	151	162	80	240	124	---	---	233	192
4	252	149	254	156	161	78	198	116	---	---	209	152
5	253	122	234	114	136	63	177	90	705	593	224	156
6	228	109	222	112	98	35	197	100	641	557	311	201
7	254	121	208	122	96	43	209	112	603	509	846	295
8	341	211	202	98	126	52	408	141	536	453	1590	843
9	414	221	182	89	101	19	667	339	487	409	2620	1570
10	612	277	170	68	103	40	710	550	512	409	3320	2590
11	758	473	133	60	181	67	675	476	563	474	3340	2970
12	1140	652	94	20	247	127	614	390	645	514	2980	2290
13	1520	1050	72	23	355	118	508	345	---	---	2330	1730
14	1600	1370	67	21	430	289	480	272	---	---	1740	1310
15	1480	1150	77	34	476	330	404	258	808	689	1320	983
16	1260	936	93	44	462	326	---	---	709	588	1010	721
17	1000	679	103	42	475	313	---	---	645	584	766	540
18	773	534	104	49	495	317	---	---	---	---	582	399
19	664	394	260	77	1300	374	405	353	---	---	413	286
20	472	267	231	130	2500	1290	397	335	644	523	306	213
21	368	214	209	121	2640	2350	405	326	578	441	227	161
22	318	178	197	107	2570	2110	362	305	473	391	181	119
23	253	153	248	120	2210	1750	533	346	412	347	144	108
24	210	109	240	156	1890	1450	826	517	380	318	121	86
25	205	107	270	158	1580	1170	1230	810	375	314	96	67
26	217	135	252	161	1270	914	1550	1180	404	346	75	49
27	235	131	265	145	978	664	1760	1510	407	358	57	40
28	199	108	253	138	752	485	2550	1730	407	336	52	31
29	185	108	250	151	590	357	---	---	---	---	40	25
30	173	100	252	150	447	253	2670	2220	362	304	31	19
31	---	---	240	155	---	---	---	---	334	282	---	---
MONTH	1600	56	270	20	2640	19	---	---	---	---	3340	19

02172080 ASHLEY RIVER NEAR SUMMERVILLE, SC--Continued

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. 19-26, Dec. 4-12, Mar. 12-19, May 9-12, June 2 to July 9, and Aug. 1-9, which are good, and Aug. 10-12, which are fair. Temperature records rated excellent. Dissolved oxygen records rated fair except for Mar. 4 to May 16, which are excellent, Oct. 3-22, Nov. 26 to Dec. 26, May 17 to June 5, and July 25 to Sep. 8, which are good, and Nov. 4-13, Feb. 1-7, and Feb. 28 to Mar. 4, which are poor. 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, 10.3 mg/L, Feb. 20, 2002; minimum, 0.0 mg/L, Aug. 27, 2002, Sep. 3-6, 16-29, 2002, Oct. 9-12, 2002.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 671 microsiemens, Oct. 12; minimum, 49 microsiemens, Sep. 12, 13.

WATER TEMPERATURE: Maximum, 27.6°C, May 10; minimum, 1.4°C, Jan. 25.

DISSOLVED OXYGEN: Maximum, 10.2 mg/L, Jan. 26; minimum, 0.0 mg/L, Oct. 9-12.

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	228	219	222	106	105	106	87	86	87	80	78	78
2	227	222	224	107	105	106	87	86	86	80	79	80
3	228	219	222	107	105	106	86	86	86	80	79	79
4	225	220	222	106	105	106	86	84	85	80	79	80
5	226	207	222	105	103	104	85	84	84	81	80	81
6	227	223	224	105	95	100	85	84	84	82	81	82
7	226	224	225	97	95	96	85	84	85	84	82	83
8	228	219	224	97	95	96	85	83	84	84	83	83
9	231	222	225	95	94	94	84	84	84	85	83	84
10	231	226	228	94	90	93	85	82	84	84	83	83
11	318	227	286	91	90	91	84	82	83	83	83	83
12	671	188	383	91	90	90	86	82	83	83	82	83
13	488	356	457	91	88	89	85	80	82	82	81	82
14	416	293	356	90	89	89	84	79	82	82	81	81
15	293	241	265	89	87	88	83	82	82	82	81	81
16	241	204	221	89	87	88	82	81	81	82	81	81
17	204	176	189	87	84	85	84	81	83	81	80	81
18	176	161	168	86	85	86	---	---	---	84	80	81
19	161	150	155	88	85	86	---	---	---	81	81	81
20	150	139	145	88	87	88	86	84	85	81	81	81
21	139	131	136	89	88	88	87	86	87	81	80	81
22	132	124	127	---	---	---	87	86	87	82	79	80
23	124	121	123	88	87	87	87	86	87	81	78	80
24	121	117	120	87	86	87	88	78	84	80	80	80
25	118	115	117	87	87	87	80	77	78	81	80	80
26	115	112	114	90	87	89	85	79	81	81	80	80
27	113	110	112	90	89	89	85	83	84	81	80	80
28	110	108	110	89	88	89	83	81	82	81	80	81
29	108	106	108	88	87	87	82	81	81	81	80	81
30	106	105	106	87	86	87	81	79	80	81	79	80
31	106	105	105	---	---	---	79	78	79	82	81	81
MONTH	671	105	198	---	---	---	---	---	---	85	78	81

ASHLEY RIVER BASIN

02172080 ASHLEY RIVER NEAR SUMMERVILLE, SC--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	85	82	83	87	85	86	81	80	80	93	89	91
2	83	82	83	86	84	85	80	79	80	93	86	90
3	83	82	83	87	85	87	81	80	81	92	87	91
4	83	82	83	92	86	89	83	81	82	92	87	91
5	84	83	83	91	90	90	85	83	84	93	89	91
6	85	84	84	90	88	89	87	85	86	94	87	90
7	84	83	84	88	86	87	112	78	87	89	81	85
8	85	83	84	86	84	85	79	73	77	91	86	88
9	85	84	84	84	82	83	79	77	78	92	88	90
10	84	83	84	83	82	83	79	76	77	94	89	92
11	84	82	83	84	83	84	85	78	83	97	92	94
12	84	83	84	84	82	83	86	84	85	100	94	97
13	84	83	84	83	83	83	85	79	82	100	96	98
14	84	83	84	84	83	84	79	73	76	100	96	98
15	84	83	84	84	83	84	73	72	72	98	94	96
16	85	84	85	83	82	83	73	72	73	96	92	94
17	85	82	83	83	82	82	76	73	75	95	92	93
18	85	84	84	83	81	82	79	76	77	131	92	95
19	85	84	84	87	83	84	82	78	80	131	74	83
20	85	84	85	86	79	84	84	82	83	88	81	84
21	86	84	85	83	78	80	86	84	85	93	86	89
22	86	84	85	88	83	87	89	86	87	95	92	94
23	87	83	85	87	85	86	91	89	90	98	83	89
24	87	86	87	85	81	83	91	89	90	89	86	87
25	87	86	87	81	76	77	99	83	89	92	87	90
26	89	86	88	76	75	75	90	83	86	95	92	93
27	88	84	86	77	75	76	89	86	88	95	90	93
28	87	85	86	78	77	78	90	89	90	95	91	93
29	---	---	---	80	78	79	92	88	90	94	88	91
30	---	---	---	81	80	81	92	88	90	89	87	88
31	---	---	---	82	80	81	---	---	---	89	87	88
MONTH	89	82	84	92	75	83	112	72	83	131	74	91

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	88	87	88	73	71	72	---	---	---	78	76	77
2	88	87	87	74	73	73	62	60	61	94	77	79
3	90	84	87	76	74	75	64	62	63	83	77	81
4	86	79	82	78	76	77	66	63	64	86	83	85
5	87	83	86	79	77	78	66	64	65	103	76	81
6	88	86	87	78	74	76	65	64	65	94	78	81
7	97	87	88	76	75	76	66	65	65	90	75	82
8	88	83	86	77	75	76	67	66	66	75	68	70
9	94	88	90	75	68	71	67	66	67	68	59	63
10	91	91	91	69	66	67	68	67	67	63	59	61
11	92	91	92	67	65	66	69	67	68	60	51	56
12	94	92	93	68	66	67	67	65	66	51	49	50
13	92	82	86	69	68	68	67	65	66	51	49	49
14	84	82	83	70	67	69	65	65	65	54	50	52
15	83	82	83	71	69	71	65	64	64	58	54	56
16	83	81	82	72	71	71	66	64	65	61	58	59
17	84	82	83	72	71	71	65	63	64	62	59	60
18	83	80	82	73	72	73	---	---	---	63	61	62
19	83	61	71	73	72	72	68	67	67	64	62	64
20	61	54	56	72	69	72	68	66	66	67	64	66
21	55	53	54	73	64	68	70	68	69	69	66	68
22	54	53	53	94	71	75	73	70	71	72	69	70
23	56	54	55	85	66	70	74	73	73	75	71	73
24	59	56	58	73	62	67	75	74	74	77	75	76
25	61	59	60	76	73	74	76	75	75	78	77	78
26	63	61	62	73	68	70	75	73	75	80	78	79
27	66	63	64	68	65	66	74	72	73	81	79	80
28	68	66	67	65	62	63	73	72	73	83	81	81
29	69	68	68	63	61	62	---	---	---	83	82	82
30	71	69	70	61	57	59	76	75	76	86	80	83
31	---	---	---	---	---	---	77	76	76	---	---	---
MONTH	97	53	76	---	---	---	---	---	---	103	49	70

ASHLEY RIVER BASIN

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02172080 ASHLEY RIVER NEAR SUMMERVILLE, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	24.5	24.3	24.4	18.1	16.6	17.0	9.4	8.2	8.9	11.4	9.2	10.4			
2	24.4	23.8	24.0	16.7	15.3	15.9	8.2	6.9	7.4	11.5	11.1	11.3			
3	24.0	23.8	23.9	15.3	14.7	14.9	8.0	7.0	7.5	11.1	10.3	10.8			
4	24.1	23.9	24.0	14.9	14.8	14.8	8.1	6.7	7.6	10.3	8.0	8.9			
5	24.3	24.0	24.1	15.4	14.6	14.8	6.7	6.0	6.3	8.0	7.0	7.4			
6	24.5	24.2	24.3	17.2	15.4	16.5	7.5	6.3	6.8	8.0	7.1	7.6			
7	24.7	24.4	24.5	16.4	13.9	15.0	6.9	5.9	6.6	8.0	6.7	7.2			
8	24.6	23.9	24.4	13.9	12.8	13.2	6.6	5.6	6.0	7.0	5.9	6.4			
9	23.9	22.9	23.2	14.2	13.0	13.5	7.1	6.0	6.6	9.1	7.0	7.8			
10	23.0	22.6	22.8	16.0	14.2	15.0	7.4	7.0	7.2	10.6	9.1	9.9			
11	23.4	22.8	23.2	17.6	16.0	16.8	7.9	7.2	7.6	10.5	8.5	9.3			
12	25.1	22.8	23.7	18.0	17.6	17.8	8.6	7.9	8.2	8.5	6.8	7.4			
13	24.8	23.1	23.5	18.0	16.1	17.2	9.9	8.4	9.1	6.8	6.1	6.4			
14	23.2	21.2	22.4	16.1	14.1	14.7	10.0	9.1	9.7	6.7	5.8	6.3			
15	21.2	19.7	20.3	14.3	13.2	13.7	9.1	7.7	8.3	6.8	5.9	6.3			
16	19.7	18.8	19.3	15.1	14.3	14.7	8.0	6.9	7.5	6.5	4.8	5.6			
17	18.9	18.1	18.5	15.3	14.0	15.0	8.8	7.7	8.1	7.1	6.2	6.8			
18	18.2	16.9	17.5	14.0	11.5	12.4	---	---	---	6.2	4.0	4.9			
19	16.9	15.9	16.4	11.5	10.7	11.1	---	---	---	4.0	3.0	3.5			
20	17.9	16.7	17.2	11.8	11.1	11.4	12.9	11.1	12.2	4.7	3.1	3.8			
21	18.2	17.8	18.0	12.6	11.8	12.1	12.6	10.0	11.0	8.1	4.7	6.5			
22	18.3	17.8	18.2	---	---	---	10.0	8.7	9.3	8.4	6.9	7.9			
23	17.8	17.4	17.6	12.4	10.4	11.3	10.1	9.4	9.8	6.9	4.4	6.0			
24	17.8	17.5	17.7	10.4	9.7	10	11.2	10.0	10.4	4.4	1.7	2.7			
25	17.9	17.6	17.8	10.6	9.7	10.1	11.7	10.7	11.4	2.5	1.4	1.9			
26	18.3	17.8	18.0	11.3	10.5	10.9	10.7	8.1	9.1	4.3	2.0	3.3			
27	19.2	17.9	18.4	11.5	11.0	11.3	8.1	7.3	7.6	4.8	3.6	4.2			
28	20.1	19.1	19.5	11.4	9.1	10.2	7.3	6.8	7.0	4.5	3.2	3.7			
29	21.2	20.1	20.5	9.1	7.7	8.2	7.2	6.5	6.9	6.1	3.3	4.7			
30	21.4	20.8	21.0	9.3	8.1	8.6	7.8	7.2	7.5	8.1	5.8	7.3			
31	20.8	18.1	19.5	---	---	---	9.2	7.8	8.3	8.4	7.7	8.1			
MONTH	25.1	15.9	20.9	---	---	---	---	---	---	11.5	1.4	6.6			

DAY	MAX	MIN	MEAN	FEBRUARY			MARCH			APRIL			MAY		
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	9.0	7.5	8.1	10.7	10.2	10.4	13.8	12.2	13.0	23.3	21.5	22.0			
2	9.8	7.7	8.6	13.1	10.7	11.8	15.8	13.5	14.4	24.0	20.8	22.0			
3	10.5	8.3	9.3	13.2	12.5	12.9	17.3	15.4	16.2	24.0	22.0	22.6			
4	12.2	10.0	11.0	13.1	12.5	12.8	17.9	16.6	17.2	23.0	21.4	22.1			
5	11.6	10.3	11.0	14.7	13.0	13.7	19.6	17.5	18.4	23.0	21.4	22.0			
6	10.7	9.2	9.8	16.0	14.7	15.5	19.6	19.0	19.2	24.1	22.7	23.3			
7	9.2	8.3	8.9	16.0	14.4	15.5	19.2	18.5	18.9	25.4	22.8	23.8			
8	9.2	7.8	8.4	14.4	13.1	13.7	18.5	15.3	16.7	26.6	24.3	25.3			
9	8.8	7.7	8.2	14.9	14.0	14.5	15.3	14.0	14.5	27.2	24.9	26.0			
10	9.6	8.2	8.8	15.5	14.5	15.0	14.0	12.4	13.0	27.6	25.2	26.4			
11	9.8	8.2	8.9	16.2	15.1	15.6	12.4	11.8	12.0	27.4	25.3	26.2			
12	9.6	7.8	8.6	17.4	15.9	16.6	13.5	11.9	12.5	26.4	24.3	25.2			
13	9.9	8.2	9.0	17.6	17.4	17.5	14.8	13.5	14.2	24.3	21.7	23.0			
14	8.9	8.0	8.4	17.5	16.1	17.0	16.1	14.7	15.3	23.4	21.0	21.7			
15	11.6	8.3	9.8	16.1	13.5	14.6	17.4	15.9	16.6	21.7	20.4	20.9			
16	12.1	10.5	11.5	14.2	13.1	13.5	18.2	17.0	17.6	22.5	20.8	21.5			
17	10.5	8.0	9.0	14.5	14.2	14.3	18.6	17.8	18.2	22.6	21.9	22.3			
18	8.0	7.4	7.7	16.1	14.5	15.1	19.6	18.6	19.0	22.6	21.9	22.3			
19	9.5	6.9	7.9	17.4	16.1	16.6	19.7	19.3	19.5	22.3	20.3	21.3			
20	10.8	9.2	9.8	18.5	17.4	17.8	19.3	18.6	19.0	21.6	19.3	20.0			
21	12.5	10.8	11.4	19.6	18.5	19.1	20.1	18.6	19.1	21.9	20.6	21.1			
22	14.8	12.5	13.6	19.9	19.0	19.5	21.3	19.9	20.6	21.9	20.9	21.3			
23	14.9	13.8	14.3	19.7	19.0	19.4	21.2	18.6	19.4	21.4	20.5	20.9			
24	13.8	11.6	12.7	19.3	18.4	18.9	19.1	17.0	18.0	22.3	20.5	21.2			
25	14.5	12.5	13.4	19.3	18.3	18.8	19.1	17.5	18.0	23.2	21.4	22.0			
26	14.6	12.5	13.5	19.4	18.5	19.0	19.6	17.5	18.3	23.6	22.9	23.2			
27	12.5	10.0	11.2	19.4	19.1	19.3	20.8	18.5	19.4	23.7	23.0	23.3			
28	10.5	8.9	9.6	19.1	18.6	18.8	21.1	19.2	20.0	23.2	21.6	22.4			
29	---	---	---	20.7	19.0	19.7	22.2	19.5	20.7	22.9	21.7	22.3			
30	---	---	---	20.9	17.4	19.9	23.3	20.3	21.5	22.6	21.2	21.8			
31	---	---	---	17.4	13.5	15.0	---	---	---	23.2	21.1	22.0			
MONTH	14.9	6.9	10.1	20.9	10.2	16.2	23.3	11.8	17.3	27.6	19.3	22.6			

ASHLEY RIVER BASIN

02172080 ASHLEY RIVER NEAR SUMMERVILLE, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	23.3	22.4	22.9	24.2	23.9	24.1	---	---	---	26.3	25.7	26.0
2	22.4	21.0	21.7	24.5	23.7	24.1	26.0	25.5	25.8	25.9	25.1	25.3
3	22.1	21.0	21.4	25.2	23.8	24.5	25.9	25.6	25.7	25.2	24.8	25.0
4	22.3	21.4	21.8	25.3	24.4	24.9	26.0	25.5	25.7	25.6	24.7	25.2
5	24.3	22.1	23.0	25.3	24.4	24.8	25.6	25.2	25.4	25.5	24.7	24.9
6	23.8	23.0	23.4	25.7	24.4	25.0	25.7	25.1	25.4	24.7	22.2	23.6
7	24.2	23.3	23.7	25.6	25.0	25.3	25.7	25.3	25.5	22.2	21.7	21.8
8	24.5	23.5	24.0	25.8	24.8	25.3	25.6	25.3	25.4	22.2	21.9	22.0
9	26.3	23.8	24.8	27.0	25.6	26.3	26.0	25.4	25.7	22.4	21.9	22.1
10	26.2	24.0	24.9	27.2	26.4	26.7	26.0	25.6	25.8	22.6	22.1	22.3
11	25.5	24.2	24.9	26.6	26.0	26.3	25.6	24.9	25.3	22.1	21.5	21.8
12	25.7	24.8	25.3	26.6	26.1	26.3	25.0	24.6	24.8	21.5	21.3	21.4
13	25.6	24.4	24.8	26.3	25.3	25.7	25.3	24.8	25.0	21.7	21.1	21.4
14	24.8	24.0	24.5	25.3	24.5	24.8	25.7	25.0	25.3	22.2	21.3	21.8
15	25.5	24.6	25.0	24.7	24.2	24.5	26.1	25.4	25.7	22.6	22.0	22.3
16	26.1	25.4	25.7	25.3	24.5	24.9	26.2	25.7	25.9	23.2	22.5	22.8
17	25.6	24.7	24.9	26.1	25.2	25.6	25.7	25.1	25.3	23.1	22.3	22.8
18	24.9	24.6	24.8	25.7	25.1	25.3	---	---	---	22.3	21.6	21.9
19	25.2	24.7	24.9	25.7	25.1	25.3	25.7	25.2	25.4	22.2	21.4	21.7
20	25.2	24.7	25.0	25.2	24.6	24.9	25.5	25.0	25.2	22.1	21.4	21.8
21	24.8	24.0	24.6	25.3	24.5	24.9	25.7	25.3	25.4	22.6	21.7	22.1
22	24.2	23.5	23.9	25.7	25.1	25.3	25.4	25.0	25.2	23.4	22.2	22.7
23	24.1	23.2	23.6	25.1	24.3	24.6	25.8	25.1	25.4	24.0	23.2	23.5
24	24.4	23.2	23.8	24.3	23.8	24.0	26.0	25.5	25.8	23.4	22.1	22.6
25	24.5	23.5	24.0	24.5	24.0	24.2	25.8	25.3	25.6	22.3	21.0	21.7
26	24.6	23.8	24.2	24.3	24.0	24.1	26.0	25.3	25.6	22.0	21.0	21.5
27	24.9	24.3	24.6	24.7	24.0	24.3	26.4	25.7	26.0	22.4	21.5	21.9
28	24.9	24.6	24.8	24.9	24.3	24.5	26.5	25.9	26.2	23.6	21.7	22.5
29	24.7	24.3	24.5	24.9	24.4	24.6	---	---	---	22.4	20.1	20.8
30	24.3	23.9	24.1	25.6	24.7	25.1	26.3	25.8	26.0	20.3	17.8	18.6
31	---	---	---	---	---	---	26.4	25.7	26.0	---	---	---
MONTH	26.3	21.0	24.1	---	---	---	---	---	---	26.3	17.8	22.5

02172080 ASHLEY RIVER NEAR SUMMERVILLE, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	0.6	0.3	0.4	2.8	2.5	2.6	6.1	5.6	5.8	7.0	5.9	6.5
2	1.1	0.4	0.6	3.1	2.7	2.9	6.7	6.0	6.3	5.9	5.3	5.5
3	1.4	0.1	0.4	3.3	3.0	3.2	6.7	6.4	6.5	5.5	5.3	5.4
4	1.0	0.1	0.3	3.5	3.2	3.4	6.5	6.2	6.3	6.4	5.5	5.9
5	0.6	0.1	0.2	3.7	3.2	3.4	7.0	6.5	6.8	7.0	6.4	6.7
6	0.6	0.1	0.1	4.1	3.2	3.6	7.0	6.6	6.8	7.3	7.0	7.1
7	0.7	0.1	0.1	3.9	2.8	3.2	7.0	6.6	6.7	7.9	7.2	7.5
8	0.6	0.1	0.3	4.5	3.8	4.1	7.1	6.9	7.0	8.0	7.8	7.9
9	0.4	0.0	0.2	4.5	4.2	4.3	7.0	6.6	6.8	8.0	7.0	7.5
10	0.8	0.0	0.3	4.7	3.9	4.3	7.2	6.6	6.9	7.0	6.1	6.4
11	1.7	0.0	0.4	4.4	3.3	3.6	7.1	6.5	6.8	6.6	5.9	6.2
12	4.7	0.0	1.7	3.4	2.8	3.0	7.2	5.8	6.8	7.4	6.6	6.8
13	3.6	3.0	3.3	3.3	2.7	3.0	7.8	7.2	7.4	7.9	7.3	7.5
14	3.0	2.6	2.8	3.1	2.6	2.8	7.2	6.7	6.8	8.0	7.6	7.8
15	3.0	2.6	2.9	3.6	3.0	3.3	7.8	7.0	7.3	8.1	7.6	7.8
16	2.9	2.8	2.8	4.2	3.1	3.5	8.1	7.7	7.8	8.4	7.8	8.1
17	3.0	2.8	3.0	4.3	3.3	3.6	8.0	7.6	7.8	8.3	7.5	7.8
18	3.4	3.0	3.2	4.1	3.3	3.6	---	---	---	8.8	8.0	8.2
19	3.6	3.3	3.5	4.2	3.9	4.1	---	---	---	9.5	8.8	9.0
20	3.6	3.4	3.5	4.4	4.2	4.3	6.6	5.6	6.0	9.5	9.1	9.3
21	3.4	3.2	3.3	4.3	4.1	4.2	6.4	5.6	5.9	9.4	8.0	8.5
22	3.3	2.8	3.1	---	---	---	7.0	6.4	6.6	8.1	7.2	7.6
23	3.1	2.8	3.0	4.4	3.9	4.1	6.9	6.5	6.7	8.3	7.4	7.8
24	3.2	3.0	3.1	4.8	4.4	4.6	7.6	6.5	6.9	9.8	8.3	9.1
25	3.2	3.0	3.1	5.0	4.8	4.9	7.4	6.1	6.4	10.0	9.7	9.8
26	3.1	3.0	3.0	5.0	4.7	4.8	6.8	6.0	6.5	10.2	9.2	9.7
27	3.1	3.0	3.0	4.7	4.6	4.7	6.8	6.2	6.4	9.5	9.0	9.2
28	3.0	2.7	2.9	5.4	4.7	5.0	7.3	6.7	6.9	9.7	9.2	9.4
29	2.9	2.3	2.6	6.0	5.4	5.7	7.5	7.3	7.4	9.7	8.8	9.2
30	2.4	2.1	2.3	6.0	5.9	6.0	7.5	7.1	7.3	9.1	7.9	8.5
31	2.5	2.1	2.3	---	---	---	7.2	6.8	7.0	8.1	7.4	7.8
MONTH	4.7	0.0	2.0	---	---	---	---	---	---	10.2	5.3	7.8

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.8	7.4	7.6	6.6	5.6	6.0	4.3	3.8	4.1	3.0	2.7	2.8
2	8.1	7.4	7.8	6.2	5.5	5.9	4.4	4.2	4.3	3.1	2.6	2.9
3	8.0	7.1	7.7	6.2	5.3	5.7	4.2	3.9	4.0	2.9	2.5	2.7
4	7.8	6.8	7.2	5.9	5.2	5.5	3.9	3.6	3.7	3.0	2.8	2.9
5	7.3	6.6	7.0	5.3	4.7	5.0	3.7	3.2	3.4	3.1	2.7	2.9
6	7.5	6.9	7.2	4.9	4.2	4.5	3.2	3.0	3.1	3.3	2.7	2.9
7	7.8	6.5	7.2	4.3	4.1	4.1	4.6	3.1	3.4	3.1	2.4	2.7
8	7.4	6.6	6.9	4.3	4.1	4.1	4.0	3.1	3.4	2.4	2.1	2.2
9	7.6	6.9	7.3	4.3	3.9	4.1	4.3	3.6	4.1	2.2	2.0	2.1
10	7.6	6.7	7.2	3.9	3.6	3.8	5.2	4.2	4.9	2.0	1.9	2.0
11	7.6	6.8	7.2	3.9	3.6	3.8	5.0	4.9	5.0	2.0	1.9	1.9
12	7.7	7.0	7.3	3.8	3.4	3.6	5.2	4.9	5.1	2.6	1.9	2.1
13	7.8	6.9	7.4	3.5	3.4	3.5	5.3	4.7	5.1	3.0	2.6	2.7
14	7.8	7.1	7.4	3.4	3.1	3.2	4.8	4.3	4.6	3.4	3.0	3.1
15	7.9	7.0	7.4	4.0	3.2	3.6	4.3	3.4	3.9	3.8	3.3	3.6
16	7.5	6.1	6.6	4.3	4.0	4.2	3.4	2.6	3.0	3.9	3.6	3.8
17	7.4	6.3	6.6	4.5	4.2	4.4	2.6	2.0	2.3	3.9	3.6	3.7
18	8.2	7.2	7.5	4.5	4.0	4.2	2.0	1.6	1.8	5.2	3.6	3.7
19	8.6	7.6	8.0	4.1	3.6	3.9	1.6	1.5	1.5	5.4	4.2	4.6
20	8.6	7.3	7.8	4.8	3.9	4.3	1.7	1.5	1.6	4.7	4.2	4.4
21	8.0	6.4	7.0	4.4	2.9	3.5	2.0	1.6	1.8	4.8	4.3	4.6
22	6.9	5.3	5.8	2.9	2.4	2.5	1.8	1.5	1.6	4.7	4.4	4.5
23	6.2	4.6	5.2	2.7	2.4	2.5	2.2	1.5	1.9	5.1	4.6	4.9
24	6.6	5.4	5.9	2.7	2.6	2.7	2.9	2.1	2.6	4.7	4.4	4.5
25	6.6	5.2	5.8	2.6	2.4	2.5	3.7	2.6	3.1	4.6	4.2	4.4
26	6.2	4.9	5.4	2.4	2.2	2.3	3.2	2.7	3.0	4.3	3.9	4.0
27	5.9	5.4	5.8	2.2	2.0	2.1	2.8	2.4	2.6	4.0	3.2	3.8
28	6.5	5.6	5.9	2.2	2.0	2.1	2.7	2.3	2.5	4.3	3.8	4.0
29	---	---	---	2.3	2.1	2.2	3.3	2.4	2.9	4.3	3.8	4.0
30	---	---	---	2.2	2.0	2.1	3.0	2.7	2.9	4.2	3.8	4.0
31	---	---	---	3.8	2.1	3.0	---	---	---	4.1	3.9	4.0
MONTH	8.6	4.6	6.9	6.6	2.0	3.7	5.3	1.5	3.2	5.4	1.9	3.4

ASHLEY RIVER BASIN

02172080 ASHLEY RIVER NEAR SUMMERVILLE, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	4.0	3.6	3.8	3.2	2.7	2.9	---	---	---	3.4	2.8	3.1
2	4.0	3.8	3.9	3.5	3.2	3.3	1.9	1.7	1.8	3.7	2.5	2.8
3	4.4	3.8	4.0	3.5	3.3	3.4	2.1	1.7	1.9	2.6	2.0	2.2
4	4.1	3.8	3.9	3.5	3.4	3.4	2.1	1.8	1.9	3.0	1.9	2.5
5	3.8	3.3	3.5	3.4	3.3	3.4	2.5	2.0	2.2	4.1	2.8	3.3
6	3.5	3.3	3.4	3.5	3.4	3.4	2.6	2.4	2.5	4.0	2.9	3.6
7	3.5	3.2	3.3	3.5	3.4	3.5	2.5	2.3	2.4	4.8	3.6	4.2
8	3.4	3.1	3.2	3.6	3.4	3.5	2.5	2.3	2.4	4.8	4.4	4.6
9	3.1	2.8	2.9	3.6	3.2	3.4	2.6	2.4	2.5	4.9	4.4	4.6
10	3.1	2.8	3.0	3.2	2.8	3.0	3.4	2.6	2.9	5.0	4.5	4.7
11	3.4	3.1	3.3	3.0	2.6	2.8	3.4	3.1	3.3	5.0	4.4	4.7
12	3.5	3.4	3.4	2.7	2.6	2.6	3.5	2.9	3.4	4.8	4.1	4.5
13	4.1	3.2	3.6	2.9	2.6	2.8	3.5	3.0	3.2	4.2	3.8	4.0
14	3.3	3.1	3.2	3.6	2.9	3.3	3.5	2.8	3.0	3.9	3.4	3.7
15	3.2	2.9	3.1	3.3	3.1	3.2	2.8	2.5	2.7	3.6	2.8	3.2
16	3.1	2.8	2.9	3.4	3.2	3.3	2.9	2.5	2.6	2.9	2.5	2.7
17	3.1	2.9	3.0	3.3	3.1	3.2	3.0	2.6	2.8	2.8	2.5	2.6
18	3.2	2.9	3.1	3.3	3.1	3.2	---	---	---	3.0	2.6	2.8
19	3.9	3.1	3.6	3.2	3.0	3.1	2.8	2.7	2.7	3.2	2.9	3.0
20	3.6	3.4	3.5	3.7	3.0	3.1	3.0	2.6	2.8	3.5	3.2	3.3
21	3.5	3.1	3.3	4.0	2.8	3.3	2.6	2.5	2.6	3.5	3.4	3.5
22	3.2	2.7	2.9	3.7	2.8	3.1	2.9	2.5	2.7	3.5	3.2	3.3
23	2.7	2.5	2.6	4.1	3.0	3.6	3.1	2.8	3.0	3.2	2.4	2.8
24	2.7	2.4	2.5	4.3	3.2	3.7	3.2	3.1	3.2	2.8	2.5	2.7
25	2.5	2.2	2.3	3.3	3.1	3.2	3.4	3.2	3.3	2.8	2.7	2.8
26	2.3	2.1	2.2	3.4	3.1	3.3	3.4	3.3	3.4	2.8	2.6	2.7
27	2.1	2.0	2.1	3.1	2.8	3.0	3.4	3.2	3.3	2.8	2.4	2.6
28	2.2	2.0	2.1	3.4	2.9	3.1	3.3	3.2	3.3	2.5	2.2	2.4
29	2.5	2.2	2.3	3.4	2.8	3.0	---	---	---	2.8	2.4	2.6
30	2.7	2.5	2.6	2.9	2.5	2.7	3.5	3.1	3.4	3.1	2.8	3.0
31	---	---	---	---	---	---	3.3	3.0	3.1	---	---	---
MONTH	4.4	2.0	3.1	---	---	---	---	---	---	5.0	1.9	3.3

ASHLEY RIVER BASIN

439

02172081 ASHLEY RIVER AT COOKE CROSSROADS, SC

LOCATION.--Lat 32°57'31'', long 80°12'04'', Dorchester County, Hydrologic Unit 03050202, on downstream side of bridge on State Road 165, 0.7 mi north of Cooke Crossroads, and at mile 27.9

DRAINAGE AREA.--Indeterminate.

GAGE-HEIGHT RECORDS

PERIOD OF RECORD.--July 1992 to September 1995, May 2000 to current year.

GAGE.--Data collection platform. Elevation of gage is 9.38 ft above NGVD of 1929.

REMARKS.--Gage height affected by tide.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 19.18 ft, Jan. 14, 1993; minimum gage height, 7.95 ft, Dec. 26, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 18.92 ft, Sep. 12; minimum gage height, 8.47 ft, Oct. 3.

Gage height, feet
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	13.92	8.87	11.76	14.02	9.33	11.98	13.11	9.73	11.30	14.87	12.45	13.42
2	13.81	8.58	11.60	14.02	9.30	11.98	13.95	9.63	11.70	14.17	12.13	13.02
3	13.90	8.47	11.45	14.11	9.21	11.89	13.75	9.49	11.56	14.23	11.88	12.84
4	14.14	8.50	11.48	14.20	9.06	11.82	14.65	9.41	12.06	13.97	11.64	12.59
5	14.04	8.62	11.58	14.54	9.00	12.00	14.37	9.40	11.89	14.15	11.48	12.65
6	14.16	8.69	11.64	14.07	9.22	11.68	13.96	9.20	11.42	13.56	11.26	12.20
7	14.36	8.88	11.94	14.17	9.13	11.44	13.70	9.13	11.26	13.33	11.20	12.01
8	14.51	8.99	12.18	14.08	9.28	11.75	13.40	9.04	11.02	12.84	11.24	11.79
9	14.63	9.18	12.33	13.81	9.58	11.69	13.53	8.98	11.10	12.57	11.16	11.76
10	14.50	8.99	12.24	13.55	9.56	11.51	13.93	9.30	11.77	12.73	10.95	11.57
11	14.56	9.66	12.55	12.97	9.83	11.30	13.41	9.12	11.45	12.67	10.73	11.58
12	13.94	8.82	11.68	12.93	10.06	11.32	12.58	9.07	10.64	12.64	10.46	11.43
13	13.99	9.01	11.82	13.07	10.16	11.52	13.03	9.09	11.32	12.96	10.22	11.39
14	14.34	9.49	12.44	13.39	10.42	12.05	12.95	9.49	10.69	12.82	10.13	11.24
15	14.77	10.42	13.19	13.73	10.62	12.42	12.82	9.53	11.02	12.56	9.89	11.02
16	14.12	9.89	12.63	13.73	10.76	12.48	12.95	9.79	11.07	13.12	9.79	11.35
17	13.97	9.66	12.15	13.78	11.17	12.25	13.26	9.90	11.57	12.61	9.57	10.85
18	13.90	9.78	12.11	13.34	11.14	12.14	13.93	10.11	12.01	13.54	9.50	11.33
19	13.69	9.83	12.06	13.88	11.54	12.65	14.03	10.26	12.12	12.87	9.32	10.70
20	13.59	9.83	11.93	14.10	11.84	12.86	13.68	10.49	11.82	12.66	9.22	10.39
21	13.55	9.82	11.81	14.30	11.94	13.01	12.97	10.56	11.43	12.91	9.16	10.49
22	13.68	9.78	11.81	13.91	11.89	12.67	13.18	10.58	11.49	13.50	9.22	11.19
23	13.88	9.69	11.86	13.55	11.79	12.41	13.15	10.50	11.48	13.25	9.30	11.08
24	13.98	9.63	11.88	13.49	11.60	12.31	14.24	10.38	12.28	12.64	9.20	10.44
25	13.94	9.46	11.81	13.38	11.34	12.14	13.32	11.15	11.92	12.82	9.10	10.64
26	13.50	9.37	11.54	13.36	11.05	12.00	13.57	11.53	12.26	13.08	9.06	10.79
27	13.44	9.22	11.37	13.15	10.69	11.75	13.75	11.99	12.84	12.64	9.03	10.42
28	13.52	9.21	11.40	13.32	10.37	11.81	13.59	12.03	12.77	13.25	9.00	10.92
29	13.50	9.16	11.29	13.20	10.13	11.74	13.72	12.08	12.82	13.26	8.95	10.82
30	13.51	9.27	11.63	12.76	9.89	11.01	14.31	12.25	13.23	13.31	8.91	10.93
31	13.74	9.28	11.86	---	---	---	14.44	12.47	13.34	13.31	8.90	10.90
MONTH	14.77	8.47	11.90	14.54	9.00	11.99	14.65	8.98	11.76	14.87	8.90	11.41

ASHLEY RIVER BASIN

02172081 ASHLEY RIVER AT COOKE CROSSROADS, SC--Continued

Gage height, feet
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	13.48	8.88	10.96	13.86	10.49	12.24	13.19	11.16	12.22	13.70	9.80	11.68
2	13.24	8.86	10.81	14.09	11.01	12.56	12.86	10.72	11.63	13.57	10.00	11.70
3	13.11	8.82	10.64	13.87	11.32	12.54	12.83	10.39	11.28	13.51	10.10	11.63
4	12.88	8.81	10.40	14.09	11.77	12.90	12.98	10.13	11.19	13.92	10.17	11.96
5	12.44	8.78	10.13	13.86	12.09	12.91	12.96	9.96	11.23	14.22	9.98	12.20
6	12.73	8.77	10.40	13.74	12.22	12.82	13.42	9.88	11.35	13.83	9.68	11.47
7	12.74	8.91	10.27	14.09	12.64	13.27	13.88	10.13	12.24	12.86	9.78	10.99
8	12.00	8.93	10.12	14.19	13.05	13.56	13.46	11.34	12.26	13.03	9.57	10.92
9	12.34	8.94	10.32	14.25	13.15	13.62	14.32	11.80	12.95	12.86	9.53	10.89
10	12.44	9.01	10.24	14.18	12.97	13.53	14.19	12.20	13.13	12.63	9.31	10.93
11	12.28	9.01	10.23	14.16	12.58	13.30	14.11	12.25	13.30	12.84	9.19	10.95
12	12.24	9.02	10.00	13.75	12.21	12.89	14.39	12.66	13.71	12.78	9.02	10.72
13	12.50	9.00	10.31	13.56	12.11	12.74	15.27	13.36	14.47	13.63	8.88	11.05
14	12.52	9.02	10.45	13.61	12.04	12.84	15.92	14.61	15.32	14.15	8.86	11.30
15	12.87	9.06	10.72	14.37	12.07	13.18	15.90	15.02	15.49	14.21	8.98	11.56
16	13.72	9.11	11.40	14.29	11.85	13.01	15.84	14.51	15.19	14.35	9.07	11.52
17	13.88	9.47	11.61	14.24	11.58	12.93	15.70	13.78	14.77	14.35	9.12	11.69
18	13.52	9.54	11.36	14.51	11.57	13.10	---	---	---	14.67	9.22	12.19
19	13.72	9.62	11.55	14.55	11.56	13.16	15.20	12.21	13.69	14.92	10.38	12.66
20	13.49	9.62	11.55	15.93	11.77	14.38	14.88	11.56	13.21	14.42	10.01	12.31
21	13.68	9.68	11.78	15.20	13.18	14.18	14.70	11.04	12.91	13.96	9.78	11.73
22	13.88	9.75	11.90	15.01	13.50	14.21	14.37	10.41	12.29	13.35	9.66	11.51
23	13.27	9.85	11.06	15.08	14.06	14.64	13.51	10.15	12.02	13.71	10.28	11.97
24	12.91	9.89	11.11	15.78	14.93	15.48	13.55	9.81	11.83	13.14	10.30	11.88
25	12.87	9.90	11.19	16.29	15.51	15.91	13.49	9.90	12.00	13.27	10.28	11.93
26	13.43	9.93	11.64	15.96	14.87	15.48	13.26	10.11	11.93	13.14	10.22	11.70
27	13.96	9.94	11.95	15.48	14.24	14.93	13.64	10.13	12.02	13.00	10.06	11.50
28	13.47	10.31	11.83	15.21	13.76	14.44	13.61	9.95	12.01	13.53	10.00	11.66
29	---	---	---	14.53	12.90	13.71	13.52	9.76	11.72	13.09	9.98	11.42
30	---	---	---	---	---	---	13.61	9.67	11.52	13.42	10.03	11.47
31	---	---	---	13.54	11.62	12.57	---	---	---	13.11	9.93	11.38
MONTH	13.96	8.77	10.93	---	---	---	---	---	---	14.92	8.86	11.56

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	13.34	9.75	11.09	13.89	10.50	11.89	17.04	15.77	16.39	13.54	10.46	11.91
2	13.49	9.50	11.21	13.95	10.27	11.81	16.11	14.64	15.38	13.56	10.20	11.73
3	13.54	9.33	11.38	13.12	9.85	11.20	15.23	13.70	14.47	13.52	10.09	11.62
4	13.41	9.45	11.19	12.91	9.62	11.00	14.44	12.96	13.72	13.56	9.85	11.56
5	12.99	9.16	10.71	12.96	9.50	10.98	13.99	12.49	13.25	14.02	9.83	12.00
6	12.92	9.01	10.89	12.96	9.58	11.03	14.09	12.31	13.04	14.51	10.40	12.73
7	13.33	9.08	11.07	12.89	9.65	11.12	14.08	12.13	12.93	---	---	---
8	13.01	9.15	11.01	13.06	9.75	11.34	14.16	11.85	12.81	---	---	---
9	13.04	9.02	10.96	13.82	10.64	12.19	14.08	11.54	12.59	---	---	---
10	13.58	8.96	11.28	14.33	11.79	12.84	14.00	11.45	12.40	---	---	---
11	13.97	9.17	11.52	---	---	---	13.96	11.64	12.53	---	---	---
12	14.12	9.73	11.73	---	---	---	14.07	11.87	12.73	18.92	18.38	18.70
13	14.16	10.11	11.93	---	---	---	14.26	12.11	13.00	18.42	17.24	17.84
14	14.27	10.82	12.22	---	---	---	14.32	12.71	13.47	17.26	15.93	16.58
15	14.22	11.15	12.36	---	---	---	14.31	12.81	13.48	16.07	14.67	15.40
16	14.23	11.28	12.43	13.87	10.90	12.13	14.00	12.55	13.21	15.08	13.72	14.47
17	14.15	11.18	12.56	13.57	10.96	11.99	13.68	12.26	12.87	14.46	12.83	13.77
18	14.01	11.17	12.46	13.15	11.06	12.00	13.41	12.22	12.69	13.68	11.80	12.85
19	14.11	11.86	12.91	13.08	11.07	11.90	13.52	12.20	12.79	13.04	10.91	12.00
20	15.56	13.45	14.37	12.97	11.04	11.87	13.64	12.19	12.80	13.27	10.42	11.72
21	17.52	15.56	16.90	13.03	11.04	11.95	13.52	11.89	12.63	13.73	10.18	11.94
22	17.78	17.47	17.64	12.74	10.86	11.65	13.25	11.55	12.29	13.96	9.88	12.14
23	17.52	16.78	17.21	12.77	11.01	11.70	13.08	11.31	11.98	13.97	9.57	11.91
24	16.80	16.09	16.46	13.48	11.61	12.45	13.52	11.07	12.02	14.42	9.58	12.16
25	16.09	15.24	15.71	14.15	12.52	13.25	13.83	10.93	12.24	14.56	9.63	12.42
26	15.24	14.44	14.90	15.29	13.55	14.37	13.95	11.07	12.27	14.46	9.59	12.46
27	14.58	13.55	14.13	15.86	14.74	15.18	13.96	11.12	12.33	14.55	9.59	12.50
28	14.24	12.71	13.48	16.82	15.41	15.97	13.85	11.05	12.32	14.50	9.38	12.28
29	13.94	11.88	12.81	17.96	16.79	17.31	13.87	10.99	12.32	14.42	9.08	12.06
30	13.62	11.16	12.23	18.01	17.71	17.88	13.89	10.92	12.35	14.34	8.96	11.98
31	---	---	---	17.87	16.93	17.38	13.61	10.71	12.15	---	---	---
MONTH	17.78	8.96	12.89	---	---	---	17.04	10.71	12.95	---	---	---

02172081 ASHLEY RIVER AT COOKE CROSSROADS, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1992 to 1995, 2000 to 2003.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: September 1992 to September 1995, May 2000 to September 2003 (discontinued).

SALINITY: September 1992 to September 1995.

WATER TEMPERATURE: September 1992 to September 1995, May 2000 to September 2003 (discontinued).

DISSOLVED OXYGEN: September 1992 to September 1995, May 2000 to September 2003 (discontinued).

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

REMARKS.--Specific conductance records rated good except for Dec. 3-26, which are fair. Temperature records rated excellent. Dissolved oxygen records rated poor except for Oct. 22 to Nov. 21, Dec. 26 to Jan. 23, Feb. 18 to Mar. 4, July 1-24, and Sep. 17-30, which are fair. Dissolved oxygen concentrations are not corrected for salinity.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 11,200 microsiemens, Dec. 10, 2001; minimum, 22 microsiemens, Nov. 27, 2000.

SALINITY: Maximum, 5.0 ppt, Oct. 27, 1993; minimum, 0 ppt, many days, many years.

WATER TEMPERATURE: Maximum, 33.3°C, July 20, 2001; minimum, 0.5°C, Jan. 4, 5, 2001.

DISSOLVED OXYGEN: Maximum, 14.9 mg/L, July 9, 2002; minimum, 0.9 mg/L, July 18, 1993.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 3,750 microsiemens, Oct. 7; minimum, 46 microsiemens, Sep. 12.

WATER TEMPERATURE: Maximum, 27.8°C, Oct. 5; minimum, 0.9°C, Jan. 25.

DISSOLVED OXYGEN: Maximum, 10.8 mg/L, Jan. 25; minimum, 2.3 mg/L, June 26.

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	2420	1900	2310	151	112	122	97	90	92	90	77	83
2	2470	1980	2330	131	112	124	108	90	95	91	80	84
3	2630	2120	2390	149	115	128	115	87	95	---	---	---
4	2910	2110	2480	149	115	131	121	87	98	---	---	---
5	3140	1780	2540	174	119	139	116	91	103	---	---	---
6	3480	2390	2800	159	123	142	126	92	104	---	---	---
7	3750	1870	2850	148	114	129	119	95	106	---	---	---
8	3440	1900	2920	140	105	124	119	97	107	---	---	---
9	3130	2450	2870	128	103	110	122	99	109	---	---	---
10	2980	2180	2730	116	102	108	133	99	117	84	83	84
11	2710	421	1770	111	103	106	135	116	127	85	83	84
12	1440	413	891	107	103	105	152	117	125	84	83	84
13	1010	317	581	113	102	107	157	116	135	84	82	83
14	546	355	444	106	100	103	143	115	120	85	82	83
15	396	267	336	104	97	100	118	101	108	85	82	84
16	295	223	264	110	98	103	106	98	101	86	82	84
17	312	189	220	---	---	---	100	96	98	92	83	86
18	237	168	188	---	---	---	101	96	99	112	83	88
19	190	154	167	---	---	---	104	88	97	98	84	88
20	173	143	154	---	---	---	95	84	88	93	84	88
21	167	135	144	101	99	100	93	91	92	100	85	90
22	155	132	138	99	97	98	93	90	92	124	86	98
23	155	129	136	98	95	96	94	91	93	127	88	95
24	160	126	133	95	93	95	113	91	97	112	90	94
25	179	124	133	95	93	94	97	90	93	104	90	95
26	151	121	131	95	93	94	98	87	90	106	89	96
27	142	119	129	95	93	94	98	86	89	106	89	95
28	138	117	127	94	91	93	94	84	87	107	89	97
29	140	114	125	94	90	92	94	82	86	110	89	99
30	139	112	123	94	90	92	87	80	83	111	89	99
31	133	111	122	---	---	---	85	76	82	110	89	99
MONTH	3750	111	1050	---	---	---	157	76	100	---	---	---

ASHLEY RIVER BASIN

02172081 ASHLEY RIVER AT COOKE CROSSROADS, SC--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	110	91	100	98	90	94	90	88	89	103	93	96
2	112	90	100	97	91	94	90	88	89	96	91	94
3	109	90	99	92	90	91	91	88	90	94	90	92
4	119	91	104	94	90	92	93	89	92	93	90	92
5	118	98	106	93	92	93	94	90	93	94	90	92
6	117	99	107	93	91	92	98	92	95	99	90	94
7	135	102	112	93	88	90	103	86	96	100	89	93
8	115	99	104	89	86	88	93	85	87	95	91	94
9	114	99	104	86	84	85	91	83	85	97	93	95
10	117	98	106	85	84	85	84	79	81	101	97	99
11	115	99	104	85	73	81	82	78	80	110	100	103
12	113	99	102	84	65	79	84	81	82	114	102	107
13	109	96	100	85	79	82	83	79	81	117	103	110
14	109	94	99	82	67	77	79	75	77	123	102	110
15	109	93	99	80	75	78	76	74	75	118	100	109
16	136	91	104	85	70	78	---	---	---	113	96	103
17	127	94	103	---	---	---	77	75	76	111	96	102
18	101	91	96	---	---	---	---	---	---	145	95	103
19	105	90	94	89	86	87	84	80	82	119	83	94
20	106	90	94	91	75	82	86	83	85	90	78	85
21	108	91	95	80	79	79	89	85	87	95	87	90
22	119	92	100	85	80	83	91	86	89	100	92	96
23	119	96	100	85	83	85	94	89	92	110	90	97
24	99	94	97	83	79	81	96	91	93	92	89	91
25	96	93	95	79	74	76	119	91	99	93	88	91
26	97	93	95	---	---	---	102	90	95	95	91	93
27	106	93	98	74	72	73	96	91	94	97	92	94
28	96	91	93	---	---	---	99	93	96	97	92	95
29	---	---	---	---	---	---	101	93	97	96	90	94
30	---	---	---	---	---	---	103	94	98	92	89	91
31	---	---	---	---	---	---	---	---	---	92	89	91
MONTH	136	90	100	---	---	---	---	---	---	145	78	96

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	93	89	92	---	---	---	61	59	60	77	74	76
2	95	91	93	85	77	81	64	61	62	95	76	79
3	103	92	95	84	81	83	66	64	65	87	79	82
4	108	90	96	86	82	84	69	64	67	88	84	86
5	106	93	99	87	83	85	71	64	69	97	82	87
6	111	100	104	88	82	85	---	---	---	92	83	87
7	119	101	108	85	80	83	---	---	---	87	81	84
8	125	103	110	84	81	82	73	71	71	81	67	72
9	122	106	113	81	75	78	73	72	72	67	59	63
10	123	105	115	75	71	73	74	72	73	59	57	57
11	113	100	105	73	71	72	74	73	74	59	52	56
12	104	100	102	73	71	72	75	72	73	52	46	49
13	103	90	96	74	72	73	72	71	72	48	47	47
14	94	89	91	74	72	74	71	69	70	49	47	48
15	90	87	89	76	72	75	70	69	69	53	49	51
16	98	87	89	76	75	76	71	69	70	56	53	55
17	90	88	89	76	75	76	70	69	70	60	56	59
18	89	85	88	77	75	76	72	69	70	63	60	62
19	88	72	81	77	76	76	73	69	71	66	63	64
20	72	57	64	78	74	76	70	69	70	69	65	67
21	59	56	57	75	68	71	73	70	71	72	67	69
22	57	56	57	88	73	77	74	72	74	75	70	73
23	58	56	57	80	73	75	76	74	75	83	74	78
24	60	56	59	75	69	71	79	76	77	85	77	82
25	61	59	60	74	71	73	79	77	78	87	79	84
26	63	60	62	73	69	71	78	76	77	90	82	87
27	65	62	63	69	66	67	79	75	76	93	85	89
28	66	64	65	66	62	64	76	74	75	97	88	92
29	68	65	67	63	61	62	75	74	75	103	90	96
30	---	---	---	62	59	61	75	74	75	108	92	99
31	---	---	---	59	59	59	76	74	75	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	108	46	73

ASHLEY RIVER BASIN

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02172081 ASHLEY RIVER AT COOKE CROSSROADS, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	26.7	25.0	26.0	18.7	16.9	17.8	9.3	8.3	8.9	11.3	9.4	10.5			
2	27.2	25.0	26.1	16.9	15.6	16.2	8.3	7.2	7.6	11.3	11.0	11.2			
3	27.5	25.5	26.4	15.6	14.9	15.2	7.9	6.6	7.3	11.0	10.2	10.8			
4	27.6	25.7	26.6	15.2	14.8	15.0	7.8	7.2	7.5	10.2	8.0	9.1			
5	27.8	25.5	26.7	15.3	14.7	15.0	7.2	6.5	6.8	8.0	7.1	7.4			
6	27.6	25.6	26.8	17.2	15.3	16.3	7.1	6.4	6.7	8.0	7.1	7.5			
7	27.5	25.7	26.8	16.1	14.4	15.1	6.8	5.9	6.4	7.7	6.6	7.2			
8	27.2	24.8	25.8	14.4	12.6	13.3	6.5	5.3	6.0	6.8	6.1	6.5			
9	25.3	23.3	24.2	14.0	12.7	13.3	7.1	6.2	6.6	8.8	6.8	7.7			
10	24.4	22.5	23.8	15.8	13.9	14.8	7.5	6.9	7.1	10.4	8.8	9.8			
11	24.3	23.2	23.9	17.5	15.8	16.7	8.0	7.5	7.8	10.2	8.4	9.4			
12	24.6	22.7	23.8	18.0	17.4	17.8	8.5	7.9	8.2	8.4	6.8	7.6			
13	24.1	22.4	23.5	17.9	16.2	17.3	10.0	8.3	9.1	6.8	6.3	6.5			
14	23.6	21.4	22.7	16.2	13.9	14.9	9.9	9.2	9.6	6.6	6.1	6.3			
15	21.4	20.0	20.8	13.9	13.5	13.7	9.2	7.6	8.4	6.6	5.9	6.2			
16	20.0	18.9	19.6	15.4	13.9	14.6	7.7	7.0	7.4	6.1	5.4	5.7			
17	19.3	18.3	18.7	15.3	14.1	15.1	8.3	7.3	7.9	7.2	6.0	6.6			
18	18.3	17.1	17.7	14.1	11.6	12.7	9.2	8.2	8.8	6.3	4.2	5.2			
19	17.1	16.1	16.5	11.6	10.8	11.1	10.7	9.2	10.1	4.2	3.0	3.5			
20	17.7	16.4	17.0	11.8	10.9	11.4	12.5	10.7	11.9	4.6	2.8	3.7			
21	18.3	17.6	18.0	12.6	11.8	12.2	12.3	9.8	11.1	7.5	4.5	5.9			
22	18.3	18.1	18.2	12.9	12.3	12.7	9.8	9.0	9.3	8.0	7.5	7.7			
23	18.1	17.6	17.8	12.3	10.5	11.4	9.9	9.2	9.6	7.5	4.5	6.2			
24	17.9	17.6	17.7	10.5	9.7	10.0	11.2	9.6	10.3	4.5	2.0	3.1			
25	18.1	17.7	17.9	10.5	9.6	10.1	11.5	10.6	11.2	2.6	0.9	1.9			
26	18.3	17.9	18.1	11.3	10.4	10.8	10.6	8.1	9.2	4.2	2.0	3.1			
27	19.0	18.0	18.4	11.5	11.0	11.2	8.1	7.2	7.6	4.8	3.2	3.9			
28	20.0	18.9	19.4	11.2	9.1	10.4	7.2	6.7	7.0	4.6	2.8	3.7			
29	21.1	19.9	20.5	9.1	7.9	8.4	7.4	6.4	6.9	6.0	3.4	4.6			
30	21.7	20.8	21.2	9.1	7.9	8.5	8.0	6.8	7.4	8.0	6.0	6.9			
31	20.8	18.7	20.1	---	---	---	9.4	7.7	8.3	8.0	7.6	7.8			
MONTH	27.8	16.1	21.6	18.7	7.9	13.4	12.5	5.3	8.3	11.3	0.9	6.6			

DAY	MAX	MIN	MEAN	Temperature, water, degrees Celsius			MAX	MIN	MEAN	MAX	MIN	MEAN
				MAX	MIN	MEAN						
FEBRUARY												
1	8.7	7.6	8.0	10.8	9.9	10.5	13.5	12.3	12.9	22.4	21.2	22.0
2	8.9	7.1	8.0	12.8	10.8	11.9	15.0	13.1	14.2	22.4	21.4	21.9
3	9.7	8.1	8.9	13.4	12.8	13.0	16.6	14.9	16.0	23.2	21.9	22.7
4	11.8	9.5	10.7	13.1	12.8	12.9	17.5	16.4	17.1	22.6	21.8	22.1
5	11.1	9.9	10.5	14.6	13.0	13.8	18.9	17.2	18.2	22.5	21.7	22.1
6	10.4	9.6	9.9	15.9	14.6	15.5	19.5	18.9	19.2	23.9	21.7	23.0
7	9.6	8.6	8.9	15.9	14.2	15.3	19.2	17.8	18.7	24.1	23.2	23.8
8	9.1	7.8	8.4	14.7	13.2	14.0	17.8	15.1	16.6	25.8	24.0	25.1
9	8.8	7.7	8.2	15.0	14.1	14.5	15.1	13.9	14.5	26.7	25.1	25.9
10	9.6	8.2	8.8	16.1	14.1	15.0	13.9	12.2	13.0	27.2	25.8	26.4
11	9.6	7.6	8.7	16.7	14.6	15.6	12.2	11.8	11.9	27.4	25.8	26.5
12	9.8	7.9	8.8	17.6	15.5	16.5	13.4	11.6	12.5	27.3	24.1	25.8
13	9.8	7.7	8.8	17.8	17.0	17.3	15.1	13.1	14.0	25.6	22.6	23.9
14	9.0	7.9	8.6	17.4	16.1	17.0	16.2	14.6	15.4	23.1	21.7	22.3
15	11.3	8.1	9.6	16.1	13.7	14.8	17.2	15.7	16.5	22.4	20.7	21.4
16	11.7	10.8	11.2	14.3	13.3	13.8	18.0	16.5	17.3	22.2	20.3	21.4
17	10.8	8.4	9.5	14.6	14.2	14.4	18.6	17.2	17.9	22.7	21.7	22.2
18	8.4	7.6	7.9	15.8	14.5	15.1	---	---	---	22.7	21.8	22.3
19	8.5	7.1	7.8	17.1	15.8	16.5	19.5	19.2	19.3	22.5	20.4	21.3
20	10.4	8.2	9.6	18.4	16.9	17.7	19.2	18.6	18.9	20.4	19.6	20.0
21	12.1	10.3	11.3	19.6	18.4	18.9	19.3	18.5	18.9	21.4	20.1	20.8
22	14.4	12.1	13.4	20.2	18.3	19.2	20.9	19.2	20.2	21.7	20.6	21.2
23	14.9	13.5	14.4	19.4	18.4	18.9	20.4	18.1	19.6	20.9	20.6	20.8
24	13.5	12.4	12.9	19.5	17.9	18.7	18.8	17.3	18.0	21.5	20.6	21.0
25	14.0	12.6	13.4	19.5	17.5	18.5	18.2	17.3	17.8	22.2	21.4	21.8
26	14.1	12.7	13.6	19.7	18.0	18.8	18.6	17.4	18.0	23.3	22.1	23.0
27	12.7	10.2	11.5	19.3	18.7	19.0	19.8	18.6	19.1	23.6	22.9	23.3
28	10.2	9.3	9.8	19.3	18.3	18.8	20.5	19.3	19.9	23.0	22.2	22.6
29	---	---	---	20.6	18.9	19.7	21.2	19.4	20.4	22.9	22.0	22.4
30	---	---	---	---	---	---	22.1	20.5	21.4	22.4	21.5	22.0
31	---	---	---	17.5	13.5	15.3	---	---	---	22.6	21.4	21.9
MONTH	14.9	7.1	10.0	---	---	---	---	---	---	27.4	19.6	22.7

ASHLEY RIVER BASIN

02172081 ASHLEY RIVER AT COOKE CROSSROADS, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	23.8	22.4	23.0	24.4	24.0	24.2	26.1	25.6	25.8	26.4	25.8	26.1
2	22.6	21.4	22.0	24.5	23.9	24.2	26.2	25.5	25.9	25.9	25.2	25.5
3	22.0	21.3	21.6	25.1	24.1	24.6	26.0	25.5	25.8	25.4	24.8	25.1
4	22.2	21.2	21.8	25.5	24.5	25.0	26.2	25.5	25.8	25.8	24.8	25.3
5	23.8	22.1	22.9	25.5	24.8	25.1	25.8	25.1	25.5	25.5	24.8	25.0
6	24.4	23.5	23.8	25.8	24.6	25.2	25.8	25.1	25.5	24.8	22.6	23.8
7	24.5	23.4	23.9	25.9	25.1	25.5	25.8	25.3	25.6	22.6	21.9	22.0
8	24.6	23.5	24.1	26.1	25.0	25.5	25.7	25.2	25.5	22.1	21.9	22.0
9	27.0	23.9	25.1	27.0	25.5	26.2	26.1	25.4	25.8	22.7	21.8	22.2
10	27.7	24.8	25.8	27.0	26.3	26.6	26.1	25.6	25.8	22.5	22.1	22.3
11	26.7	24.8	25.5	26.8	26.0	26.4	25.8	25.0	25.4	22.3	21.7	21.9
12	26.0	24.9	25.4	26.8	26.1	26.4	25.1	24.6	24.9	21.7	21.4	21.5
13	25.4	24.5	25.0	26.4	25.4	25.8	25.3	24.7	25.0	21.9	21.1	21.5
14	24.9	24.1	24.5	25.4	24.6	25.0	25.8	24.9	25.3	22.1	21.4	21.8
15	25.4	24.4	25.0	24.8	24.3	24.6	26.2	25.4	25.8	22.8	21.8	22.3
16	26.1	25.2	25.5	25.5	24.4	25.0	26.3	25.6	25.9	23.3	22.4	22.8
17	25.3	24.7	25.0	26.2	25.1	25.6	25.7	25.1	25.4	23.0	22.4	22.7
18	24.9	24.5	24.7	25.8	25.4	25.5	26.0	25.1	25.5	22.5	21.7	22.0
19	25.3	24.4	24.9	25.9	25.1	25.5	25.7	25.2	25.4	22.3	21.2	21.8
20	25.6	24.7	25.1	25.4	24.7	25.1	25.6	25.0	25.3	22.3	21.3	21.9
21	25.2	24.3	24.6	25.4	24.5	25.0	25.8	25.2	25.5	22.7	21.7	22.2
22	24.4	23.4	23.9	26.1	25.1	25.4	25.6	24.9	25.3	23.3	22.2	22.7
23	24.0	23.2	23.7	25.1	24.3	24.8	26.0	25.0	25.5	24.1	23.0	23.5
24	24.2	23.4	23.8	24.3	23.9	24.1	26.1	25.5	25.8	23.5	22.6	23.0
25	24.5	23.5	24.1	24.4	23.9	24.2	25.8	25.5	25.7	22.6	21.5	22.0
26	24.7	23.7	24.3	24.5	23.9	24.1	26.1	25.3	25.7	22.4	21.5	21.8
27	25.1	24.1	24.6	24.8	24.0	24.4	26.5	25.6	26.1	22.2	21.4	21.9
28	25.0	24.3	24.7	24.9	24.5	24.7	26.6	25.8	26.2	22.5	21.7	22.1
29	24.7	24.4	24.6	25.3	24.5	24.9	26.6	25.8	26.3	22.0	20.2	21.1
30	24.6	23.9	24.3	25.7	24.8	25.2	26.4	25.8	26.1	20.4	18.4	19.3
31	---	---	---	26.0	25.4	25.7	26.5	25.7	26.1	---	---	---
MONTH	27.7	21.2	24.2	27.0	23.9	25.1	26.6	24.6	25.7	26.4	18.4	22.6

ASHLEY RIVER BASIN

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02172081 ASHLEY RIVER AT COOKE CROSSROADS, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	4.1	3.4	3.7	4.5	3.3	4.1	7.3	7.0	7.2	7.6	6.7	7.2
2	5.0	3.6	4.2	4.9	3.7	4.4	7.8	7.3	7.6	6.7	6.2	6.4
3	5.1	4.1	4.6	5.3	4.2	4.7	9.9	7.6	8.6	6.4	6.2	6.2
4	5.1	4.2	4.7	5.5	4.2	4.9	9.4	7.8	8.7	7.0	6.4	6.7
5	5.1	4.3	4.8	5.6	4.3	4.9	9.2	8.1	8.8	7.5	7.0	7.3
6	4.9	4.3	4.6	5.8	4.3	5.1	9.4	7.9	8.8	7.8	7.4	7.7
7	4.8	3.6	4.2	5.3	4.0	4.7	9.4	8.0	8.8	8.1	7.7	7.9
8	4.6	3.5	4.1	5.6	4.0	5.0	9.7	8.3	9.0	8.4	8.1	8.3
9	4.5	3.6	4.0	5.7	5.0	5.4	9.7	8.0	8.9	8.6	7.9	8.2
10	4.8	3.6	4.2	5.9	5.2	5.4	9.5	7.6	8.6	8.0	7.2	7.6
11	5.1	4.1	4.6	5.2	4.5	4.9	8.8	7.4	8.2	7.6	7.0	7.2
12	4.3	3.6	4.0	4.8	4.2	4.5	8.5	7.2	8.0	8.2	7.5	7.8
13	4.2	3.4	3.7	4.6	4.4	4.5	8.4	6.7	7.7	8.6	8.2	8.5
14	4.1	3.3	3.8	4.9	4.3	4.5	7.6	6.3	7.3	8.7	8.5	8.6
15	4.1	3.8	4.0	5.0	4.8	4.9	8.3	6.6	7.6	8.9	8.6	8.7
16	4.2	3.9	4.0	5.6	4.7	5.1	8.5	7.4	8.1	9.2	8.8	9.0
17	4.4	4.0	4.2	5.5	5.1	5.3	8.5	7.2	8.0	9.2	8.6	8.9
18	4.5	4.1	4.3	---	---	---	8.4	7.2	7.8	9.4	8.6	9.1
19	4.8	4.3	4.6	---	---	---	8.2	7.0	7.5	10.1	9.2	9.9
20	4.9	4.2	4.5	---	---	---	7.6	6.6	7.0	10.4	9.8	10.1
21	---	---	---	5.7	5.3	5.5	7.2	6.3	6.9	10.0	8.9	9.5
22	---	---	---	5.4	5.2	5.3	7.5	7.0	7.3	---	---	---
23	5.0	4.5	4.8	5.8	5.4	5.5	7.7	6.7	7.2	---	---	---
24	5.1	4.3	4.7	6.2	5.7	6.0	7.5	6.4	7.0	10.2	8.9	9.7
25	5.0	4.1	4.5	6.4	6.1	6.3	7.1	6.4	6.7	10.8	10.2	10.5
26	5.0	4.1	4.6	6.4	6.1	6.2	7.1	6.4	6.8	10.6	9.9	10.3
27	5.0	3.9	4.5	6.3	6.0	6.2	7.4	7.0	7.2	10.1	9.7	9.9
28	4.9	3.8	4.4	6.9	6.2	6.4	7.8	7.4	7.6	10.1	9.8	10.0
29	4.6	3.6	4.2	7.3	6.9	7.1	8.0	7.8	7.9	10.1	9.4	9.9
30	4.3	3.0	3.8	7.4	7.0	7.2	7.9	7.7	7.8	9.6	8.5	9.2
31	4.2	3.1	3.8	---	---	---	7.8	7.4	7.6	8.9	8.4	8.6
MONTH	---	---	---	---	---	---	9.9	6.3	7.8	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	8.7	8.1	8.4	8.7	7.9	8.3	5.4	4.6	5.1	4.5	3.4	3.9
2	8.7	8.3	8.5	8.2	7.2	7.7	5.6	5.3	5.5	4.0	3.5	3.8
3	8.6	8.1	8.4	7.4	6.6	7.1	5.5	5.1	5.3	3.8	3.4	3.6
4	8.4	7.9	8.1	7.1	6.7	6.9	5.2	4.8	5.0	3.9	3.6	3.7
5	8.1	7.6	7.9	6.9	6.3	6.7	5.0	4.6	4.8	4.1	3.1	3.6
6	8.3	7.5	8.0	6.4	5.8	6.1	4.8	4.3	4.6	4.3	3.1	3.6
7	8.3	7.9	8.2	6.1	5.8	6.0	6.0	4.3	4.9	3.9	2.8	3.6
8	8.6	8.0	8.3	6.0	5.8	5.9	5.2	4.3	4.7	---	---	---
9	8.8	8.0	8.6	5.9	5.6	5.8	5.6	5.2	5.4	---	---	---
10	9.4	8.2	8.5	5.7	5.1	5.6	6.0	5.3	5.8	3.7	2.8	3.1
11	8.7	8.0	8.4	5.5	4.2	5.1	6.0	5.7	5.9	3.8	2.9	3.4
12	8.7	8.1	8.4	5.1	4.3	4.7	6.1	5.8	6.0	4.1	3.3	3.8
13	8.8	8.3	8.5	---	---	---	6.1	5.5	5.8	---	---	---
14	8.8	8.3	8.5	---	---	---	5.8	5.2	5.5	---	---	---
15	8.6	7.8	8.4	---	---	---	5.4	4.7	5.0	5.2	3.9	4.5
16	8.0	7.5	7.8	---	---	---	4.7	4.2	4.5	5.0	3.7	4.4
17	7.8	7.3	7.6	---	---	---	4.2	3.7	4.0	4.9	3.8	4.4
18	9.5	7.6	8.7	---	---	---	3.8	3.3	3.6	4.7	3.5	4.2
19	10.3	9.2	9.8	4.8	4.5	4.7	3.4	3.2	3.3	5.4	3.8	4.9
20	10.0	8.9	9.5	6.0	4.5	5.0	3.6	3.3	3.4	5.4	4.5	4.9
21	9.2	8.1	8.7	4.7	3.8	4.2	3.7	3.3	3.5	5.5	4.5	5.1
22	8.2	7.2	7.8	3.9	3.6	3.8	3.7	3.2	3.4	5.6	4.5	5.2
23	7.3	6.8	7.0	4.0	3.6	3.8	4.4	3.3	3.7	5.8	5.0	5.6
24	8.0	7.3	7.6	4.3	3.9	4.1	5.1	3.8	4.3	5.6	5.0	5.3
25	8.1	7.1	7.6	4.5	4.0	4.2	5.4	4.0	4.8	5.5	4.6	5.1
26	7.7	6.8	7.3	---	---	---	5.2	4.3	4.7	5.3	4.2	4.8
27	8.1	7.2	7.7	4.3	3.9	4.2	4.9	3.8	4.3	5.0	4.4	4.7
28	8.3	8.0	8.1	---	---	---	4.6	3.8	4.2	5.0	4.5	4.7
29	---	---	---	---	---	---	4.7	3.8	4.2	5.2	4.7	4.9
30	---	---	---	---	---	---	4.6	3.9	4.3	5.1	4.8	4.9
31	---	---	---	---	---	---	---	---	---	5.3	4.8	5.0
MONTH	10.3	6.8	8.2	---	---	---	6.1	3.2	4.7	---	---	---

ASHLEY RIVER BASIN

02172081 ASHLEY RIVER AT COOKE CROSSROADS, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	5.0	4.3	4.7	---	---	---	3.8	3.5	3.7	4.9	4.6	4.7
2	5.1	4.2	4.7	4.2	3.5	3.9	3.6	3.4	3.5	4.9	3.7	4.4
3	5.4	4.4	4.8	4.1	3.7	3.9	3.6	3.3	3.5	4.0	3.6	3.8
4	5.0	3.9	4.7	4.2	3.7	4.0	3.7	3.0	3.3	3.9	3.3	3.6
5	4.7	3.7	4.3	4.3	3.8	4.0	3.5	2.6	3.0	4.5	3.5	4.0
6	4.5	3.6	4.1	4.3	3.8	4.1	3.6	2.4	3.1	4.5	3.7	4.0
7	4.8	3.5	4.1	4.3	3.8	4.0	4.2	2.6	3.1	4.5	4.0	4.2
8	4.4	3.4	4.0	4.3	3.8	4.0	3.3	3.1	3.2	4.7	3.7	4.3
9	4.3	3.4	3.8	4.2	3.6	3.9	3.4	3.0	3.2	4.6	4.0	4.5
10	6.4	3.3	4.4	3.7	3.4	3.6	3.6	3.2	3.4	4.7	4.4	4.5
11	4.5	3.4	4.0	3.7	3.2	3.4	3.6	3.3	3.5	4.5	4.4	4.4
12	4.5	3.5	4.1	3.4	3.1	3.3	3.9	3.4	3.6	4.6	4.4	4.5
13	4.6	3.8	4.3	3.5	3.2	3.4	3.8	3.2	3.5	4.5	3.9	4.4
14	4.1	3.8	4.0	4.0	3.3	3.7	3.5	3.1	3.4	4.5	3.7	4.3
15	4.0	3.6	3.9	3.9	3.4	3.7	3.4	3.1	3.2	4.2	3.5	3.9
16	4.2	3.6	3.8	4.0	3.5	3.8	3.5	3.0	3.2	3.7	3.4	3.6
17	3.9	3.5	3.7	4.0	3.5	3.8	3.3	2.6	3.0	3.7	3.4	3.6
18	4.1	3.5	3.8	3.9	3.6	3.8	3.3	2.5	3.1	3.9	3.6	3.8
19	4.2	3.7	4.0	3.8	3.5	3.7	3.6	2.6	3.2	4.1	3.8	4.0
20	3.9	3.1	3.7	4.1	3.5	3.7	3.7	3.4	3.6	4.4	3.8	4.1
21	3.5	3.2	3.4	4.3	3.4	3.8	3.6	3.4	3.5	4.4	3.6	4.1
22	---	---	---	4.2	3.2	3.7	3.8	3.5	3.6	4.4	3.4	3.9
23	---	---	---	4.6	3.6	4.1	4.0	3.8	3.9	4.2	3.3	3.8
24	---	---	---	4.7	4.0	4.3	4.1	3.9	4.0	3.9	3.2	3.6
25	3.4	3.1	3.2	4.0	3.9	4.0	4.3	4.0	4.2	4.1	3.2	3.7
26	3.2	2.3	3.1	4.4	4.0	4.2	4.5	4.2	4.3	4.1	3.5	3.9
27	3.1	2.7	2.9	4.2	3.8	4.0	4.4	4.1	4.3	4.2	3.7	3.9
28	3.2	2.8	3.0	4.4	3.8	4.1	4.5	4.2	4.3	4.0	3.5	3.8
29	3.4	2.8	3.2	4.2	3.8	4.0	4.5	4.3	4.4	4.5	3.6	4.0
30	---	---	---	4.0	3.7	3.9	4.6	4.4	4.5	4.8	4.0	4.5
31	---	---	---	3.9	3.6	3.8	4.7	4.4	4.6	---	---	---
MONTH	---	---	---	---	---	---	4.7	2.4	3.6	4.9	3.2	4.1

021720812 ASHLEY RIVER NEAR COOKE CROSSROADS, SC

LOCATION.--Lat 32°56'55'', long 80°09'59'', Dorchester County, Hydrologic Unit 03050202, on left bank at Dorchester Boat Club, 2.3 mi east of Cooke Crossroads, 0.1 mi above confluence with Dorchester Creek, and at mile 25.0.

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--July 2001 to September 2003 (discontinued)

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, 3,310 ft³/s, Sep. 12, 2003, maximum gage height, 39.65 ft, Mar. 20, 2003; minimum discharge, -1,480 ft³/s, Aug. 19, 2001, minimum gage height, 30.44 ft, Jan. 21, 2003.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 3,310 ft³/s, Sep. 12, maximum gage height, 39.65 ft, Mar. 20; minimum discharge, -1,300 ft³/s, May 16, minimum gage height, 30.44 ft, Jan. 21.

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	741	-623	931	-846	1010	-871	1460	-423	1020	-964	1140	-682
2	767	-876	1060	-957	1080	-1030	1290	-306	981	-997	1310	-766
3	833	-984	1050	-1050	1030	-1020	1190	-293	951	-927	1200	-470
4	919	-1010	1050	-1110	1200	-1010	1170	-514	879	-926	1310	-381
5	918	-1110	1160	-1060	1170	-979	1090	-372	751	-750	1260	-244
6	948	-1110	1130	-992	986	-867	889	-340	850	-769	1180	-152
7	990	-1050	1090	-942	921	-836	874	-211	809	-715	1210	-90
8	985	-916	1080	-974	931	-700	653	-237	647	-540	1360	-3.7
9	1050	-909	965	-752	809	-641	693	-163	611	-546	1290	124
10	942	-836	949	-717	907	-752	657	-298	586	-605	1230	195
11	1090	-1040	842	-605	849	-776	669	-228	663	-633	1180	174
12	965	-893	810	-473	686	-727	494	-233	623	-622	1140	113
13	988	-826	902	-430	728	-690	829	-460	816	-686	---	---
14	886	-738	961	-466	841	-717	699	-452	811	-771	---	---
15	1000	-798	1030	-589	818	-746	598	-525	956	-922	1340	-260
16	933	-663	1070	-710	795	-679	845	-769	1100	-1040	1330	-398
17	921	-702	1110	-408	893	-774	872	-664	1180	-1040	1360	-640
18	921	-650	1070	-406	1040	-700	1010	-832	1140	-990	1300	-635
19	937	-749	1210	-464	1040	-689	891	-828	1020	-974	1470	-799
20	920	-789	1200	-446	1090	-708	765	-759	1020	-977	1990	-602
21	978	-785	1270	-276	917	-674	887	-816	1100	-906	1720	-117
22	962	-733	1160	-149	965	-457	1100	-909	1060	-884	1740	74
23	884	-647	1060	-262	955	-536	985	-812	1050	-760	1680	375
24	---	---	1090	-203	1210	-681	858	-676	976	-743	1880	741
25	---	---	1030	-201	1040	-385	777	-795	1010	-687	2030	833
26	837	-635	969	-398	1140	-307	952	-760	995	-667	1800	704
27	---	---	894	-387	1190	-229	774	-726	1110	-721	1720	423
28	---	---	898	-476	1120	-186	922	-765	1120	-740	1580	220
29	866	-662	887	-641	1020	-164	952	-834	---	---	1500	-17
30	849	-566	772	-655	1250	-320	1030	-976	---	---	---	---
31	912	-799	---	---	1300	-270	991	-982	---	---	1220	-559
MONTH	---	---	1270	-1110	1300	-1030	1460	-982	1180	-1040	---	---

ASHLEY RIVER BASIN

021720812 ASHLEY RIVER NEAR COOKE CROSSROADS, 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
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	1180	-498	1060	-838	1090	-868	1200	-836	---	---	1170	-832
2	1100	-660	1070	-819	1090	-998	1190	-650	---	---	1170	-807
3	996	-702	1170	-846	1050	-905	1030	-865	---	---	1130	-778
4	979	-857	1080	-843	1110	-918	1010	-841	---	---	1110	-870
5	959	-746	1190	-828	972	-837	1010	-901	---	---	1190	-719
6	998	-706	1050	-1080	966	-1030	1050	-841	1380	-153	1340	-751
7	1070	-566	869	-692	1020	-965	1010	-841	1390	-352	1460	-519
8	1140	-547	951	-644	974	-965	1060	-759	1390	-491	1530	-248
9	1320	-439	---	---	995	-891	1350	-566	1400	-617	1980	391
10	1300	-314	---	---	1120	-1070	1410	-450	1350	-618	---	---
11	1300	-298	---	---	1230	-1090	1470	-436	1310	-630	---	---
12	1360	98	---	---	1350	-1150	1360	-564	1360	-544	3310	2030
13	1690	129	1050	-1070	1350	-969	1360	-680	1390	-355	3040	1530
14	1860	383	1110	-1240	1320	-893	1380	-611	1470	-128	2410	1010
15	1910	500	1210	-1200	1390	-713	1290	-720	1460	-89	---	---
16	1750	287	1210	-1300	1380	-599	1310	-706	1370	-268	---	---
17	1760	79	1250	-1210	1370	-668	1210	-571	1230	-33	1440	155
18	1710	-182	1320	-1150	1320	-549	1130	-463	1180	-135	1180	-81
19	1470	-481	1420	-821	1410	-171	1060	-366	1280	-149	978	-257
20	1370	-641	1290	-784	1730	402	1010	-472	1220	-92	1030	-569
21	1300	-633	1090	-777	2440	941	1030	-450	1180	-94	1120	-830
22	1190	-707	1030	-817	2560	1530	921	-436	1110	-265	1160	-852
23	1070	-676	1070	-903	2270	1380	859	-359	1090	-341	1190	-988
24	1020	-738	1080	-639	2020	1070	1150	-22	1170	-540	1110	-1020
25	1020	-928	1080	-620	1840	780	1310	90	1260	-644	1220	-974
26	1070	-694	1060	-666	1630	415	1680	414	1260	-698	1310	-863
27	1100	-870	987	-717	1560	150	1850	645	1300	-803	1260	-915
28	1130	-835	1130	-870	1460	-187	2080	929	1310	-808	1320	-885
29	1050	-858	1090	-827	1430	-429	2210	1460	1290	-864	1240	-877
30	1000	-942	1040	-797	1230	-729	---	---	1300	-786	1260	-888
31	---	---	1080	-820	---	---	---	---	1240	-747	---	---
MONTH	1910	-942	---	---	2560	-1150	---	---	---	---	---	---

021720812 ASHLEY RIVER NEAR COOKE CROSSROADS, SC--Continued

WATER-QUALITY RECORDS

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

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: July 2001 to current year.

WATER TEMPERATURE: July 2001 to current year.

DISSOLVED OXYGEN: July 2001 to current year.

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

REMARKS.-- Specific conductance records rated poor. Temperature records rated good. Dissolved oxygen records rated poor.
Dissolved oxygen concentrations are not corrected for salinity.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 17,000 microsiemens, June 21, 2002; minimum, 47 microsiemens, Sep. 13, 14, 2003.

WATER TEMPERATURE: Maximum, 32.6°C, July 20, 2002; minimum, 1.3°C, Jan. 25, 2003.

DISSOLVED OXYGEN: Maximum, 16.2 mg/L, July 9, 2002; minimum, 2.3 mg/L, Aug. 23, 28, 2002.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 7,080 microsiemens, Oct. 7; minimum, 47 microsiemens, Sep. 13, 14.

WATER TEMPERATURE: Maximum, 29.6°C, June 11; minimum, 1.3°C, Jan. 25.

DISSOLVED OXYGEN: Maximum, 12.1 mg/L, Jan. 25, 26; minimum, 2.7 mg/L, Sep. 22.

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	5210	2280	3480	571	140	314	195	102	142	131	86	101
2	5360	2310	3650	636	143	346	233	104	160	109	85	94
3	5710	2370	3850	703	145	378	250	109	170	112	85	95
4	6100	2500	4150	803	148	414	331	111	201	111	85	96
5	6300	2870	4500	989	155	481	343	122	210	116	87	97
6	6700	3000	4830	817	158	295	332	118	204	120	87	98
7	7080	3380	5290	462	150	253	334	115	200	122	87	98
8	6940	2100	4780	465	131	249	327	116	196	119	88	96
9	6700	2610	4200	356	116	206	342	118	206	120	88	96
10	6570	1210	4030	247	112	164	315	126	219	120	89	97
11	2840	347	1320	186	113	150	267	136	196	119	90	99
12	1720	897	1120	185	114	146	229	136	180	128	91	102
13	1250	893	1000	178	111	147	248	128	174	118	91	105
14	1200	596	909	156	103	129	213	127	168	125	90	106
15	1320	520	882	146	103	127	208	113	158	164	88	105
16	913	338	608	149	103	127	185	109	138	148	87	114
17	726	267	469	169	113	134	180	100	134	165	96	121
18	620	225	397	153	101	120	173	99	128	182	97	135
19	---	---	---	128	96	109	163	100	126	220	98	131
20	434	181	278	123	94	106	151	101	122	188	100	135
21	386	167	249	118	93	103	157	99	116	213	101	146
22	372	160	239	119	91	103	174	98	112	230	107	167
23	---	---	---	116	95	102	135	97	112	220	107	159
24	---	---	---	122	94	101	154	98	119	212	106	143
25	---	---	---	125	93	102	156	102	117	203	105	148
26	390	154	240	124	95	106	120	91	101	219	109	154
27	---	---	---	129	97	109	119	89	98	215	111	158
28	---	---	---	129	98	113	112	86	93	248	112	174
29	416	152	243	141	98	119	107	84	90	265	114	178
30	424	144	262	164	102	123	---	---	---	285	117	191
31	488	144	289	---	---	---	99	82	88	298	118	196
MONTH	---	---	---	989	91	183	---	---	---	298	85	127

ASHLEY RIVER BASIN

021720812 ASHLEY RIVER NEAR COOKE CROSSROADS, SC--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	323	121	204	167	103	127	113	88	96	175	97	133
2	326	122	205	157	109	128	123	87	98	213	96	130
3	327	122	200	130	99	111	146	89	102	150	91	119
4	315	123	191	119	97	106	133	90	105	158	97	119
5	287	126	186	120	97	103	159	90	107	148	100	121
6	304	126	195	158	95	102	184	88	114	185	97	123
7	299	129	187	158	96	103	160	98	120	183	99	123
8	228	126	174	99	91	95	152	86	98	159	97	119
9	230	122	167	96	88	92	115	84	94	---	---	---
10	221	122	161	94	87	90	130	81	91	---	---	---
11	206	115	165	94	86	91	127	79	86	---	---	---
12	212	121	158	95	89	92	86	81	84	---	---	---
13	218	115	161	---	---	---	85	80	83	216	118	164
14	223	114	163	---	---	---	82	76	78	260	124	183
15	243	112	168	120	93	102	77	74	76	285	124	198
16	290	106	190	119	93	104	---	---	---	269	112	190
17	282	117	182	123	93	107	79	74	77	293	112	182
18	244	109	160	133	96	112	114	76	82	331	114	201
19	240	106	155	129	97	111	114	80	88	253	98	141
20	220	105	151	130	77	100	115	75	96	145	93	115
21	232	107	157	151	77	87	121	91	103	159	96	117
22	234	108	160	93	84	89	139	89	109	152	100	121
23	196	112	145	93	89	91	130	93	115	175	96	116
24	201	108	136	91	86	88	140	100	119	129	95	108
25	161	98	129	86	82	84	144	102	125	151	94	108
26	161	103	131	83	78	81	159	95	127	150	96	109
27	172	106	137	82	78	80	166	103	124	148	96	110
28	167	107	132	84	79	81	147	100	123	179	98	117
29	---	---	---	104	82	85	200	104	130	184	97	112
30	---	---	---	---	---	---	205	107	133	168	93	110
31	---	---	---	111	87	95	---	---	---	121	92	105
MONTH	327	98	166	---	---	---	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	156	91	109	101	73	81	62	59	61	97	76	85
2	179	92	112	142	77	91	65	61	63	118	76	90
3	179	94	117	131	86	100	68	64	66	118	83	96
4	170	97	122	132	87	103	70	67	69	134	87	101
5	165	101	127	137	89	106	80	69	72	138	88	109
6	163	109	135	161	89	111	85	70	73	115	88	101
7	185	112	142	155	86	109	92	73	77	105	86	96
8	189	111	131	154	85	105	93	74	79	99	71	80
9	176	112	139	106	78	89	100	76	84	72	57	65
10	201	119	155	88	72	78	111	77	86	---	---	---
11	214	110	158	86	72	76	99	78	84	---	---	---
12	203	104	142	88	72	76	95	78	84	55	48	51
13	173	100	126	96	73	79	96	76	82	52	47	48
14	131	90	105	136	74	83	83	66	74	---	47	---
15	166	89	100	101	74	83	78	65	68	---	---	---
16	135	86	98	---	---	---	107	64	69	---	---	---
17	152	88	98	---	---	---	109	64	70	69	60	64
18	137	87	97	---	---	---	80	64	67	80	66	70
19	109	73	87	135	78	88	79	66	69	89	71	78
20	86	58	64	124	78	87	76	65	69	94	76	85
21	58	55	56	124	71	85	79	65	70	106	80	92
22	56	54	55	121	76	84	84	69	73	122	83	104
23	56	54	55	111	75	86	91	69	76	139	93	113
24	58	56	57	102	72	77	109	67	80	155	89	122
25	61	58	59	77	73	76	100	77	88	188	96	135
26	63	61	62	77	72	75	98	77	87	231	102	151
27	65	63	64	73	67	71	95	76	84	268	105	175
28	80	65	68	69	65	67	94	75	83	324	112	199
29	88	67	72	67	64	65	97	75	84	380	119	223
30	92	70	77	65	60	63	96	75	84	468	125	256
31	---	---	---	---	---	---	92	76	84	---	---	---
MONTH	214	54	100	---	---	---	111	59	76	---	---	---

ASHLEY RIVER BASIN

021720812 ASHLEY RIVER NEAR COOKE CROSSROADS, SC--Continued

Temperature, water, degrees Celsius
 WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	25.3	22.0	23.7	25.8	24.2	24.6	26.2	25.6	25.9	27.1	25.7	26.5
2	25.1	21.9	23.7	26.1	24.0	24.8	26.4	25.5	25.9	26.8	25.4	26.2
3	24.9	21.3	23.0	26.6	24.2	25.4	26.2	25.6	25.9	27.0	24.9	25.9
4	23.8	21.4	22.6	27.2	24.8	26.1	26.6	25.5	26.0	27.3	24.8	26.1
5	25.0	22.0	23.6	27.2	24.9	26.2	26.4	25.2	25.7	26.6	25.0	25.7
6	25.5	23.5	24.7	27.7	25.0	26.4	26.4	25.2	25.7	25.0	23.1	24.1
7	25.7	23.8	24.9	28.1	25.3	26.8	27.0	25.3	25.9	23.1	21.9	22.5
8	25.7	23.8	24.9	28.7	25.3	26.9	26.8	25.3	25.9	22.2	21.8	22.0
9	27.3	24.4	26.0	28.7	25.6	27.0	27.9	25.4	26.4	22.7	21.9	22.3
10	28.8	26.0	27.4	28.3	26.4	27.1	28.0	25.7	26.6	---	---	---
11	29.6	26.3	28.0	28.6	26.2	27.0	27.0	25.4	26.0	---	---	---
12	29.0	25.7	27.4	28.5	26.2	27.0	26.0	24.7	25.2	21.7	21.4	21.5
13	27.4	25.3	26.1	27.0	25.9	26.4	25.5	24.7	25.1	21.8	21.1	21.5
14	26.7	24.3	25.4	26.3	25.1	25.4	26.0	24.9	25.4	---	---	---
15	27.2	24.4	25.7	25.9	24.3	25.0	26.3	25.4	25.8	---	---	---
16	27.2	25.2	26.0	---	---	---	26.7	25.7	26.0	---	---	---
17	26.4	24.9	25.4	---	---	---	26.2	25.1	25.6	23.4	22.4	22.8
18	25.8	24.6	25.1	---	---	---	26.3	25.1	25.6	22.7	21.8	22.2
19	25.9	24.4	25.1	26.7	25.2	25.9	26.2	25.2	25.5	22.8	21.3	22.0
20	25.9	24.8	25.4	27.1	24.8	25.6	26.3	25.0	25.5	23.4	21.3	22.3
21	25.4	24.4	24.8	27.1	24.6	25.7	26.3	25.1	25.6	24.2	21.8	23.0
22	24.4	23.5	24.0	27.1	25.0	25.9	26.5	24.9	25.6	24.7	22.5	23.6
23	24.1	23.4	23.8	26.9	24.4	25.4	27.6	25.0	26.1	25.2	23.3	24.2
24	24.3	23.5	24.0	25.1	24.0	24.3	27.1	25.5	26.2	25.1	23.4	24.3
25	24.7	23.7	24.2	24.7	23.9	24.2	27.2	25.6	26.3	24.8	22.8	24.0
26	25.1	23.9	24.5	24.7	23.9	24.2	28.0	25.4	26.5	24.7	22.3	23.6
27	25.5	24.2	24.8	24.9	24.0	24.5	28.1	25.6	26.7	24.5	22.0	23.5
28	25.6	24.4	25.0	25.1	24.5	24.7	28.0	25.8	26.8	24.6	22.0	23.6
29	25.7	24.5	24.9	25.3	24.5	25.0	27.7	25.8	26.7	24.1	21.3	22.5
30	26.3	24.0	25.0	25.6	24.9	25.3	27.5	25.8	26.5	22.3	19.7	21.2
31	---	---	---	---	---	---	27.1	25.6	26.4	---	---	---
MONTH	29.6	21.3	25.0	---	---	---	28.1	24.7	26.0	---	---	---

021720813 SAWMILL BRANCH AT I-26 NEAR SUMMERVILLE, SC

LOCATION.--Lat 33°02'07'', long 80°08'44'', Berkeley County, Hydrologic Unit 03050202, on upstream side of bridge on Interstate 26 at US Hwy 17-A, 1.0 mi northeast of Summerville.

DRAINAGE AREA.--Indeterminate.

GAGE-HEIGHT RECORDS

PERIOD OF RECORD.--July 2001 to September 2003 (discontinued).

GAGE.--Data collection platform. Elevation of gage is 55 ft above NGVD of 1929 (from topographic map).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 34.43 ft, Mar. 20, 2003; minimum gage height, 29.60 ft, Dec. 10, 2001.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 34.43 ft, Mar. 20; minimum gage height, 30.02 ft, Jul. 18.

Gage height, feet WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	30.51	30.46	30.49	30.62	30.60	30.61	30.82	30.80	30.81	32.77	32.01	32.25
2	30.50	30.41	30.46	30.60	30.53	30.57	30.80	30.77	30.78	32.01	31.74	31.89
3	30.41	30.34	30.37	30.53	30.49	30.51	30.80	30.77	30.79	31.74	31.55	31.65
4	30.34	30.29	30.31	31.09	30.49	30.72	30.87	30.76	30.80	31.55	31.40	31.47
5	30.29	30.25	30.27	32.07	30.64	30.79	31.04	30.80	30.90	31.40	31.28	31.34
6	30.25	30.21	30.23	33.16	31.46	32.04	30.87	30.81	30.83	31.28	31.19	31.23
7	31.83	30.20	30.23	31.46	31.22	31.34	30.81	30.79	30.80	31.19	31.12	31.15
8	32.61	30.72	31.23	31.22	31.07	31.15	30.79	30.78	30.78	31.12	31.08	31.10
9	31.34	30.56	30.84	31.07	30.95	31.00	31.03	30.77	30.84	31.08	31.03	31.06
10	33.11	30.50	31.01	32.38	30.93	31.35	31.97	30.80	31.35	31.03	30.98	31.01
11	33.69	31.97	32.80	31.62	31.16	31.30	31.66	31.05	31.25	30.98	30.94	30.96
12	32.18	31.47	31.81	32.25	31.24	31.40	31.24	31.08	31.16	30.94	30.90	30.92
13	31.47	31.14	31.28	32.68	31.66	32.09	32.92	31.08	31.92	30.90	30.89	30.90
14	31.14	30.94	31.03	31.66	31.34	31.49	31.72	31.50	31.62	30.89	30.87	30.88
15	31.33	30.93	31.09	31.34	31.18	31.26	31.50	31.32	31.40	30.87	30.84	30.86
16	31.16	30.96	31.04	33.23	31.13	31.80	31.32	31.20	31.26	30.84	30.83	30.84
17	30.96	30.86	30.92	32.40	32.03	32.21	31.20	31.09	31.15	30.85	30.83	30.84
18	30.86	30.78	30.82	32.03	31.60	31.80	31.09	31.03	31.06	30.83	30.81	30.81
19	30.78	30.73	30.75	31.60	31.35	31.47	31.70	31.03	31.26	30.81	30.79	30.80
20	30.73	30.68	30.71	31.35	31.20	31.27	31.60	31.18	31.32	30.79	30.78	30.78
21	30.69	30.66	30.66	31.20	31.13	31.17	31.22	31.13	31.18	30.79	30.78	30.78
22	30.84	30.69	30.77	31.13	31.05	31.09	31.13	31.06	31.10	31.24	30.79	30.99
23	30.71	30.69	30.70	31.05	30.97	31.01	31.06	31.00	31.03	30.91	30.88	30.89
24	30.75	30.68	30.72	30.97	30.93	30.95	33.83	30.99	32.04	30.88	30.84	30.85
25	30.71	30.67	30.69	30.93	30.90	30.92	32.58	32.23	32.42	30.85	30.83	30.84
26	30.67	30.65	30.66	30.90	30.86	30.89	32.23	31.84	32.02	30.84	30.82	30.83
27	30.65	30.61	30.63	30.86	30.83	30.85	31.84	31.59	31.71	30.82	30.80	30.81
28	31.10	30.61	30.67	30.83	30.81	30.82	31.59	31.43	31.51	30.80	30.79	30.79
29	31.10	30.69	30.80	30.81	30.80	30.80	31.43	31.31	31.37	30.79	30.79	30.79
30	30.70	30.67	30.69	30.82	30.81	30.82	31.31	31.23	31.28	30.79	30.79	30.79
31	30.67	30.62	30.65	---	---	---	32.72	31.21	31.29	30.79	30.77	30.78
MONTH	33.69	30.20	30.82	33.23	30.49	31.18	33.83	30.76	31.26	32.77	30.77	31.03

ASHLEY RIVER BASIN

021720813 SAWMILL BRANCH AT I-26 NEAR SUMMERVILLE, SC--Continued

Gage height, feet
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	30.78	30.77	30.77	32.41	31.16	31.59	31.17	31.02	31.09	30.71	30.63	30.68
2	30.77	30.76	30.76	32.77	31.71	32.22	31.02	30.93	30.98	30.68	30.56	30.63
3	30.76	30.74	30.74	31.99	31.62	31.80	30.93	30.85	30.90	30.71	30.51	30.61
4	30.75	30.73	30.74	31.62	31.44	31.53	30.85	30.77	30.81	30.51	30.42	30.47
5	30.74	30.66	30.69	31.44	31.33	31.38	30.77	30.71	30.74	30.42	30.38	30.41
6	31.06	30.59	30.67	31.76	31.31	31.46	30.71	30.65	30.68	33.43	30.37	31.01
7	31.41	30.88	31.07	32.47	31.54	32.01	33.05	30.65	31.46	32.32	31.15	31.46
8	30.88	30.83	30.85	31.94	31.64	31.80	32.77	31.49	31.83	31.15	30.87	31.01
9	30.83	30.81	30.81	31.64	31.45	31.54	33.08	32.54	32.83	30.87	30.66	30.77
10	31.32	30.81	30.98	31.45	31.29	31.37	33.07	32.67	32.86	30.66	30.47	30.57
11	30.92	30.87	30.89	31.29	31.17	31.23	32.67	32.28	32.48	30.47	30.34	30.42
12	30.87	30.83	30.85	31.17	31.08	31.13	32.28	31.89	32.09	30.34	30.24	30.30
13	30.83	30.79	30.81	31.57	31.05	31.26	31.89	31.54	31.70	30.24	30.17	30.21
14	30.79	30.76	30.77	31.24	31.18	31.21	31.54	31.30	31.42	30.17	30.11	30.14
15	30.76	30.75	30.76	31.66	31.19	31.39	31.30	31.17	31.23	30.82	30.11	30.39
16	31.55	30.73	30.96	31.43	31.31	31.35	31.20	30.98	31.07	32.68	30.23	30.98
17	31.16	30.92	30.97	31.96	31.25	31.45	30.98	30.89	30.94	31.48	30.82	31.02
18	30.92	30.89	30.91	31.60	31.42	31.50	---	---	---	33.25	30.67	30.83
19	30.89	30.87	30.88	31.42	31.26	31.34	30.80	30.75	30.78	33.39	31.97	32.39
20	30.87	30.83	30.84	34.43	31.23	32.82	30.75	30.69	30.73	31.97	31.46	31.71
21	30.84	30.83	30.84	33.35	32.90	33.13	30.69	30.63	30.67	31.46	31.13	31.29
22	32.36	30.83	31.25	32.90	32.43	32.66	30.63	30.52	30.59	31.51	30.98	31.07
23	31.46	31.09	31.19	32.43	32.06	32.24	30.52	30.43	30.49	33.34	31.51	32.72
24	31.09	30.98	31.04	32.06	31.71	31.88	30.53	30.42	30.47	32.38	31.79	32.09
25	---	---	---	31.71	31.48	31.59	33.42	30.36	31.60	31.79	31.39	31.59
26	---	---	---	31.48	31.31	31.39	31.80	31.50	31.67	31.39	31.11	31.25
27	---	---	---	31.31	31.18	31.24	31.50	31.20	31.35	31.15	30.96	31.07
28	31.33	31.21	31.27	31.18	31.08	31.13	31.20	30.99	31.12	30.96	30.79	30.88
29	---	---	---	31.89	31.07	31.33	30.99	30.86	30.92	30.79	30.62	30.73
30	---	---	---	32.03	31.10	31.40	30.86	30.71	30.79	30.65	30.47	30.57
31	---	---	---	31.34	31.17	31.25	---	---	---	30.89	30.41	30.47
MONTH	---	---	---	34.43	31.05	31.63	---	---	---	33.43	30.11	30.96

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	31.08	30.46	30.65	30.29	30.18	30.22	31.91	31.24	31.46	30.23	30.18	30.20
2	30.50	30.32	30.41	31.58	30.28	30.81	31.24	31.01	31.13	30.57	30.21	30.33
3	32.86	30.29	30.81	30.57	30.31	30.43	31.01	30.94	30.97	30.66	30.28	30.40
4	31.83	31.03	31.22	30.56	30.23	30.32	32.64	30.84	31.18	30.50	30.27	30.34
5	31.07	30.82	30.95	30.90	30.23	30.43	32.10	31.45	31.62	33.65	30.26	33.12
6	30.82	30.68	30.75	30.73	30.33	30.45	32.09	31.26	31.53	33.37	32.89	33.17
7	33.05	30.65	31.04	32.24	30.27	30.78	31.79	31.20	31.41	33.10	32.86	32.96
8	32.45	31.30	31.55	30.86	30.49	30.64	31.20	31.01	31.10	33.78	32.78	33.30
9	31.34	31.11	31.23	30.49	30.29	30.39	31.01	30.86	30.94	33.28	32.75	33.00
10	31.11	30.87	30.99	31.04	30.27	30.46	30.88	30.78	30.84	32.75	32.26	32.50
11	30.87	30.69	30.78	30.72	30.26	30.41	30.80	30.68	30.74	32.26	31.81	32.04
12	30.69	30.57	30.63	30.26	30.16	30.22	30.80	30.60	30.67	31.81	31.52	31.66
13	31.89	30.60	31.01	30.16	30.11	30.13	30.87	30.54	30.63	31.52	31.28	31.40
14	30.90	30.74	30.81	31.29	30.11	30.50	30.80	30.63	30.70	32.87	31.17	31.61
15	30.74	30.57	30.67	30.39	30.17	30.23	31.71	30.56	30.80	31.92	31.37	31.62
16	33.04	30.50	31.19	30.17	30.10	30.14	33.54	30.96	31.79	31.37	31.11	31.24
17	32.35	32.03	32.24	30.10	30.04	30.08	32.82	31.97	32.38	31.11	30.94	31.03
18	32.03	31.61	31.82	33.46	30.02	30.46	31.97	31.41	31.67	30.94	30.84	30.90
19	32.08	31.37	31.65	33.27	31.54	32.08	31.41	31.14	31.28	30.84	30.72	30.79
20	32.69	31.13	31.36	33.10	31.10	31.60	31.14	30.97	31.06	30.72	30.62	30.68
21	32.57	31.16	31.53	32.83	31.67	32.09	32.88	30.92	31.45	30.62	30.56	30.60
22	31.16	30.89	31.02	32.97	31.27	31.83	31.67	31.34	31.51	30.58	30.55	30.57
23	30.89	30.70	30.80	33.57	31.78	32.41	31.34	31.05	31.20	30.89	30.55	30.71
24	30.70	30.54	30.63	33.09	32.54	32.86	31.42	30.94	31.06	30.64	30.58	30.62
25	30.54	30.41	30.48	33.18	32.22	32.55	30.97	30.79	30.87	30.58	30.51	30.56
26	30.41	30.30	30.37	33.65	32.35	33.21	31.31	30.72	30.83	30.51	30.48	30.50
27	30.31	30.22	30.28	33.09	32.60	32.83	30.96	30.60	30.69	30.56	30.48	30.52
28	30.96	30.30	30.25	32.60	32.14	32.38	30.60	30.44	30.53	30.49	30.43	30.48
29	31.02	30.17	30.50	32.14	31.66	31.91	30.44	30.33	30.40	30.45	30.41	30.43
30	30.30	30.21	30.27	31.66	31.33	31.50	30.33	30.26	30.31	30.41	30.37	30.39
31	---	---	---	33.01	31.19	31.63	30.26	30.19	30.24	---	---	---
MONTH	33.05	30.17	30.93	33.65	30.02	31.16	33.54	30.19	31.06	33.78	30.18	31.26

021720813 SAWMILL BRANCH NEAR SUMMERVILLE, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--July 2001 to September 2003.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: July 2001 to September 2003 (discontinued).

DISSOLVED OXYGEN: July 2001 to September 2003 (discontinued).

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

REMARKS.--Temperature records rated excellent. Dissolved oxygen records rated poor except for Sep. 11-30, which are good.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 29.7°C, July 20, 2002; minimum, 1.8°C, Jan. 25, 2003.

DISSOLVED OXYGEN: Maximum, 16.0 mg/L, May 5, 2002; minimum, 0.0 mg/L, Sep. 10, 2001, and May 15, June 19, July 16-18, July 21-28, 2002.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 29.4°C, July 9; minimum, 1.8°C, Jan. 25.

DISSOLVED OXYGEN: Maximum, 12.1 mg/L, Jan. 25; minimum, 0.1 mg/L, Oct. 1, 2, 5-7.

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	24.9	24.0	24.4	18.1	16.4	16.9	9.9	8.6	9.3	14.8	13.3	13.9
2	24.7	23.5	24.1	16.4	14.8	15.5	8.6	7.3	7.9	13.3	11.8	12.2
3	24.5	23.3	23.9	15.2	14.3	14.7	8.8	7.4	8.1	11.9	10.3	11.5
4	24.7	23.7	24.2	15.5	14.8	15.1	8.7	7.3	8.1	10.3	8.1	8.9
5	25.0	23.9	24.5	18.2	15.1	15.6	7.5	6.6	7.1	8.6	6.6	7.8
6	25.2	24.2	24.8	20.6	16.9	19.2	8.4	7.2	7.7	9.9	7.8	8.8
7	25.8	23.6	25.2	16.9	14.1	15.0	7.9	6.7	7.2	9.0	7.1	7.8
8	23.8	22.8	23.3	14.3	12.5	13.5	7.3	6.1	6.8	8.6	6.0	7.2
9	22.8	21.3	22.1	15.7	13.4	14.5	10.1	7.2	8.2	11.2	8.3	9.5
10	25.4	21.7	23.0	19.6	15.7	17.7	9.5	7.5	8.3	12.7	11.0	11.7
11	25.1	23.6	24.3	20.3	18.7	19.5	9.7	8.4	9.2	11.3	8.7	9.6
12	24.2	22.7	23.5	19.8	18.8	19.4	10.1	9.5	9.8	8.7	6.8	7.4
13	23.7	22.5	23.0	19.0	15.6	16.9	12.5	9.7	11.0	7.3	6.2	6.7
14	23.2	20.2	22.0	15.6	13.2	14.1	12.2	9.9	10.7	7.8	6.1	7.0
15	20.2	19.0	19.5	15.3	12.7	13.9	9.9	8.1	8.9	7.7	6.4	7.1
16	19.4	18.9	19.3	17.7	15.3	16.2	9.8	7.6	8.8	8.1	5.4	6.4
17	19.8	18.2	19.0	17.2	13.3	15.8	10.3	8.7	9.6	8.2	6.9	7.7
18	19.2	17.4	18.0	13.3	11.4	12.1	10.8	9.4	10.1	6.9	4.6	5.4
19	17.5	16.1	16.9	12.2	10.1	11.3	13.2	10.8	12.0	5.9	2.9	4.3
20	19.4	17.5	18.4	13.4	11.4	12.4	15.4	13.1	14.3	6.9	3.4	5.3
21	20.0	19.3	19.6	14.5	13.3	13.8	13.1	9.8	11.0	10.7	6.8	8.4
22	19.7	18.7	19.4	14.4	12.6	14.0	10.8	8.5	9.7	10.7	7.7	9.2
23	18.9	18.1	18.5	12.6	10.3	11.1	11.7	10.1	10.9	7.7	3.8	6.0
24	18.8	18.3	18.5	11.1	9.2	10.2	14.5	10.5	12.2	3.8	2.0	2.9
25	18.9	18.1	18.5	12.3	10.1	11.2	13.0	10.3	12.2	3.9	1.8	2.9
26	19.2	18.5	18.8	13.1	11.4	12.3	10.3	8.0	9.0	6.1	3.7	5.0
27	20.1	18.6	19.2	13.0	11.8	12.4	9.0	7.1	8.2	6.6	4.9	5.7
28	21.8	20.1	20.6	12.2	9.3	10.5	8.4	6.9	7.7	5.6	3.8	4.9
29	22.6	21.8	22.3	9.3	7.7	8.3	9.4	7.1	8.3	8.6	5.1	6.3
30	22.4	21.3	22.1	9.9	8.2	9.0	9.9	8.0	9.0	10.5	8.6	9.4
31	21.3	18.1	19.7	---	---	---	14.2	9.2	10.3	10.4	8.7	9.4
MONTH	25.8	16.1	21.3	20.6	7.7	14.1	15.4	6.1	9.4	14.8	1.8	7.6

ASHLEY RIVER BASIN

021720813 SAWMILL BRANCH NEAR SUMMERVILLE, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	9.8	8.3	8.9	11.9	10.1	11.0	15.1	10.9	13.0	21.1	20.1	20.6
2	10.3	8.2	9.0	14.5	11.8	13.4	18.0	13.4	15.4	22.8	19.1	20.6
3	11.1	9.3	10.0	13.4	11.7	12.7	19.4	15.4	17.1	22.5	20.2	21.2
4	13.2	11.0	12.0	13.1	11.5	12.3	19.5	16.6	17.8	21.8	20.3	21.1
5	12.9	10.4	11.2	15.7	12.7	14.0	21.2	17.4	19.0	21.4	20.2	20.8
6	11.2	9.3	10.1	16.3	15.1	15.7	20.1	18.9	19.5	23.2	21.2	22.0
7	9.3	8.4	8.6	15.6	12.0	14.0	20.0	17.5	18.7	23.7	21.0	22.3
8	9.5	7.7	8.6	14.8	11.0	12.8	17.5	14.4	15.7	24.9	22.3	23.4
9	9.5	7.9	8.7	14.6	13.3	14.0	14.7	13.9	14.3	25.6	23.0	24.1
10	10.6	8.8	9.6	15.8	12.6	14.3	13.9	12.4	13.0	26.3	23.4	24.7
11	10.1	8.1	9.2	16.4	12.8	14.7	13.7	11.9	12.7	25.9	23.7	24.8
12	10.5	7.9	9.1	17.5	13.9	15.8	16.9	12.2	14.3	25.2	22.9	24.0
13	10.2	7.9	9.2	17.2	15.3	16.4	18.2	14.4	16.3	23.2	20.6	21.9
14	9.8	7.9	8.7	16.7	14.2	15.3	19.0	15.8	17.5	22.4	20.3	21.3
15	12.9	8.8	10.2	14.2	12.3	12.7	19.8	16.7	18.2	21.2	19.7	20.4
16	12.9	10.1	11.8	15.1	12.4	13.5	19.7	16.7	18.0	23.8	20.2	21.7
17	10.1	7.9	8.7	15.4	14.1	14.6	19.6	16.9	18.1	22.8	21.5	22.1
18	8.9	7.2	8.0	16.9	14.6	15.6	20.4	18.1	18.9	22.0	20.9	21.5
19	10.2	6.9	8.4	17.4	15.4	16.5	19.9	18.5	19.0	21.3	19.2	20.3
20	11.6	9.5	10.5	18.6	16.7	17.7	20.1	17.5	18.6	21.3	18.3	19.8
21	13.2	11.2	12.0	19.3	17.5	18.2	20.3	17.7	18.9	21.0	19.4	20.3
22	17.2	13.2	14.8	19.8	16.1	17.8	22.6	19.1	20.4	20.8	20.0	20.5
23	16.3	13.0	14.4	17.9	15.7	16.7	20.6	17.6	19.0	20.9	19.7	20.3
24	13.6	10.5	12.2	19.0	15.4	17.1	19.4	16.6	17.8	21.7	19.3	20.5
25	---	---	---	18.7	14.9	16.8	18.8	17.1	18.1	22.4	19.8	21.2
26	---	---	---	19.4	15.6	17.5	19.3	16.9	18.0	22.7	21.3	22.1
27	---	---	---	18.8	16.9	17.7	19.7	16.9	18.4	23.0	21.8	22.2
28	10.8	8.3	9.5	19.2	16.3	17.6	20.2	17.5	18.9	23.2	20.4	21.6
29	---	---	---	22.0	18.1	19.9	21.4	18.2	19.5	23.1	20.8	21.8
30	---	---	---	21.2	14.0	17.7	22.1	19.2	20.4	23.2	20.3	21.7
31	---	---	---	14.4	12.1	13.2	---	---	---	24.3	20.3	22.1
MONTH	---	---	---	22.0	10.1	15.4	22.6	10.9	17.5	26.3	18.3	21.7

DAY	MAX	MIN	MEAN	Temperature, water, degrees Celsius			MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	24.3	22.5	23.4	26.1	24.5	25.4	26.4	24.6	25.5	28.4	26.5	27.4
2	23.3	20.9	22.3	26.1	24.1	25.0	26.9	24.3	25.5	27.8	26.3	27.1
3	22.9	20.9	21.8	27.3	24.5	25.7	26.2	25.0	25.6	28.5	26.5	27.0
4	23.4	21.5	22.5	27.3	25.7	26.4	27.0	24.9	25.8	27.8	26.1	26.9
5	24.8	22.1	23.2	27.1	25.2	26.1	26.9	23.9	25.2	27.1	24.2	24.6
6	23.9	23.0	23.5	27.8	25.7	26.5	27.2	24.8	25.8	24.5	22.4	23.3
7	24.8	23.0	23.7	28.1	25.9	26.9	26.3	24.9	25.7	22.8	21.9	22.3
8	24.8	23.1	23.9	28.5	25.4	26.7	26.0	24.9	25.6	22.5	21.8	22.3
9	25.6	23.2	24.4	29.4	26.3	27.6	27.0	25.1	25.9	24.0	22.0	22.8
10	26.1	23.7	24.8	28.7	27.1	27.8	26.9	25.4	26.0	23.1	22.4	22.7
11	26.7	24.3	25.3	28.8	26.3	27.4	26.5	24.7	25.4	22.4	21.3	21.9
12	26.8	24.7	25.5	28.6	26.8	27.6	25.9	24.4	25.1	22.3	21.4	21.9
13	27.5	24.2	25.6	27.7	26.2	26.7	26.5	24.7	25.4	23.6	21.1	22.4
14	26.0	23.6	24.8	26.5	25.0	25.7	27.0	24.9	25.8	24.1	21.8	22.9
15	27.3	24.3	25.6	26.6	24.7	25.6	29.0	25.5	26.7	24.3	21.7	23.1
16	27.7	23.9	25.7	27.9	25.3	26.5	28.0	24.5	25.8	24.3	22.6	23.6
17	24.1	22.6	23.4	28.4	26.3	27.3	26.3	23.7	24.9	23.7	21.9	22.7
18	24.8	23.1	23.9	27.3	25.2	26.7	26.5	24.8	25.6	23.1	21.3	22.2
19	25.7	23.6	24.7	26.8	24.5	25.5	25.9	24.4	25.2	23.9	21.9	22.7
20	26.2	24.3	25.2	26.2	23.8	25.0	26.5	24.9	25.7	24.0	22.0	22.9
21	24.6	22.9	23.9	26.3	23.9	25.1	27.4	25.2	26.0	23.9	22.5	23.3
22	24.1	21.4	22.8	26.5	24.5	25.3	26.1	24.3	25.3	24.3	22.9	23.7
23	24.7	22.1	23.3	26.0	23.8	24.5	26.8	24.8	25.8	24.9	23.8	24.4
24	25.8	23.0	24.2	24.4	23.3	23.8	27.4	25.5	26.3	23.8	22.5	23.2
25	26.4	23.2	24.6	25.4	23.2	24.1	26.3	25.0	25.7	23.3	21.7	22.5
26	26.8	23.6	25.2	24.5	23.0	23.7	28.0	25.1	26.2	23.3	22.2	22.7
27	27.1	24.6	25.8	25.7	23.6	24.5	28.1	26.0	27.0	23.8	22.3	23.0
28	26.6	25.0	25.9	25.4	24.1	24.7	27.9	26.4	27.1	24.2	22.7	23.5
29	26.3	24.8	25.5	26.6	24.1	25.3	27.8	26.4	27.1	22.7	20.8	21.7
30	26.6	24.4	25.4	26.7	24.7	25.8	27.7	26.4	27.1	21.0	19.5	20.3
31	---	---	---	27.1	25.1	26.0	28.2	26.3	27.3	---	---	---
MONTH	27.7	20.9	24.3	29.4	23.0	25.8	29.0	23.7	25.9	28.5	19.5	23.4

ASHLEY RIVER BASIN

021720813 SAWMILL BRANCH NEAR SUMMERVILLE, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	0.7	0.1	0.2	3.1	1.6	2.2	6.9	6.3	6.6	8.6	7.5	8.0			
2	1.2	0.1	0.5	3.8	2.4	3.1	7.7	6.2	6.9	8.4	7.7	8.1			
3	1.6	0.2	0.6	4.2	2.9	3.5	8.0	7.1	7.5	8.6	7.9	8.3			
4	1.2	0.2	0.4	6.3	3.2	4.6	7.7	7.1	7.4	9.6	8.4	9.1			
5	1.4	0.1	0.4	6.8	3.5	4.4	8.3	7.2	7.7	10.0	8.9	9.4			
6	1.7	0.1	0.4	6.9	5.2	6.0	7.8	7.0	7.3	9.5	8.7	9.1			
7	2.7	0.1	0.5	6.8	5.3	6.2	7.7	6.8	7.3	10.0	8.7	9.4			
8	3.6	0.9	2.0	7.6	6.4	7.0	8.3	7.2	7.7	10.1	9.1	9.6			
9	5.7	0.4	3.0	7.1	6.3	6.7	8.8	7.5	8.0	9.1	8.3	8.7			
10	6.2	0.6	2.3	7.0	4.9	5.9	10.0	8.1	9.1	8.3	7.4	7.8			
11	6.8	3.8	5.4	5.5	4.7	5.1	8.6	7.7	8.2	9.0	7.4	8.2			
12	4.3	3.3	3.9	5.7	4.5	5.0	8.4	7.6	8.1	9.9	8.7	9.2			
13	4.1	3.2	3.6	6.9	5.5	6.0	10.0	7.4	8.5	10.0	9.4	9.7			
14	3.6	2.9	3.2	6.5	5.6	6.1	8.5	7.3	8.0	9.9	9.3	9.6			
15	5.5	3.3	4.4	6.4	5.4	6.1	9.3	8.1	8.8	10.0	9.4	9.7			
16	4.9	3.9	4.4	6.6	5.0	5.5	9.5	8.6	9.0	10.1	9.4	9.8			
17	4.9	4.1	4.5	6.2	5.0	5.6	9.1	8.4	8.7	9.6	8.7	9.1			
18	5.3	3.9	4.6	7.2	6.2	6.8	8.8	8.2	8.5	10.3	9.1	9.7			
19	5.5	4.3	4.9	7.8	6.8	7.3	8.2	6.7	7.7	11.1	10.3	10.7			
20	4.8	3.8	4.3	7.5	6.5	7.1	7.0	6.2	6.5	11.1	10.2	10.8			
21	4.0	2.7	3.3	6.7	6.0	6.4	8.0	6.2	7.2	10.4	8.7	9.6			
22	4.0	2.5	3.3	6.4	5.7	6.1	8.6	7.5	7.9	8.9	8.1	8.6			
23	4.2	2.3	3.2	7.1	5.9	6.6	7.9	7.2	7.5	10.4	8.2	9.1			
24	3.4	2.4	3.0	7.4	6.6	7.0	8.8	7.0	7.7	11.9	10.4	11.2			
25	2.9	2.1	2.5	7.0	6.4	6.7	8.3	7.3	7.9	12.1	---	---			
26	2.9	1.9	2.5	6.6	6.0	6.3	9.4	8.0	8.9	---	---	---			
27	2.6	1.8	2.2	6.4	5.7	6.1	10.1	9.2	9.6	---	---	---			
28	3.0	1.2	1.9	6.8	5.9	6.3	10.4	9.4	9.9	---	---	---			
29	3.3	1.1	2.3	7.6	6.6	7.2	10.2	9.4	9.9	10.4	9.4	10.2			
30	1.9	0.9	1.3	7.8	6.7	7.3	10.2	9.3	9.7	9.5	7.9	8.7			
31	2.4	1.0	1.6	---	---	---	9.3	8.4	9.0	8.5	7.4	7.9			
MONTH	6.8	0.1	2.6	7.8	1.6	5.9	10.4	6.2	8.2	---	---	---			

DAY	MAX	MIN	MEAN	FEBRUARY			MARCH			APRIL			MAY		
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	8.8	7.7	8.0	9.4	8.0	8.6	7.4	6.0	6.6	5.7	4.1	5.0			
2	8.5	7.8	8.0	8.5	6.6	7.8	7.1	5.5	6.2	6.1	4.3	5.1			
3	8.1	7.3	7.7	9.1	7.4	8.2	7.1	4.7	5.7	5.4	3.4	4.4			
4	7.8	6.8	7.3	9.2	7.4	8.2	6.8	4.4	5.5	4.9	3.5	4.2			
5	7.6	6.1	6.7	9.4	7.1	8.1	6.5	4.4	5.4	5.1	3.9	4.3			
6	8.1	6.4	7.2	7.7	6.5	7.1	6.2	4.0	5.2	7.5	3.8	4.7			
7	8.9	7.8	8.3	7.9	6.7	7.3	7.1	4.7	5.7	5.8	4.4	5.1			
8	9.3	7.8	8.4	9.1	7.5	8.2	7.6	6.1	6.7	6.0	4.3	5.2			
9	9.5	8.4	8.8	8.8	7.1	7.8	7.4	6.5	6.9	5.6	3.7	4.4			
10	8.9	7.7	8.3	9.6	6.6	7.8	7.1	6.6	6.8	4.9	3.2	3.8			
11	9.1	7.5	8.2	9.3	6.2	7.4	7.1	6.6	6.9	4.5	2.9	3.5			
12	9.5	7.9	8.6	9.3	5.8	7.2	7.1	6.5	6.8	4.6	2.7	3.5			
13	9.3	7.9	8.6	7.1	5.1	6.1	6.9	5.9	6.6	4.3	2.3	3.4			
14	9.3	8.2	8.8	7.4	5.4	6.3	7.0	5.4	6.3	4.5	2.3	3.5			
15	9.5	8.5	9.0	7.7	6.4	7.0	6.9	5.3	6.0	4.8	2.3	3.5			
16	8.7	7.0	7.8	8.6	6.4	7.3	7.1	5.4	6.0	6.5	2.3	4.0			
17	9.0	7.2	8.1	7.6	6.1	6.7	7.3	5.2	6.2	5.6	4.0	5.0			
18	10.5	8.4	9.3	7.6	6.0	6.6	7.2	5.1	5.9	6.5	4.7	5.2			
19	11.0	9.0	9.9	8.0	5.6	6.5	6.6	4.7	5.6	6.6	5.2	5.7			
20	10.5	8.7	9.6	---	---	---	6.9	5.0	5.8	6.6	5.6	6.1			
21	9.8	8.2	9.0	---	---	---	6.9	4.6	5.6	6.7	5.8	6.2			
22	8.8	6.1	7.5	---	---	---	6.3	4.3	5.2	6.7	5.8	6.2			
23	8.9	5.9	7.3	---	---	---	6.1	4.4	5.1	7.0	5.7	6.1			
24	10.4	7.3	8.6	---	---	---	6.7	4.9	5.6	6.4	5.7	6.0			
25	---	---	---	---	---	---	8.0	5.3	6.4	6.6	6.0	6.2			
26	---	---	---	7.3	5.3	6.4	7.0	6.0	6.6	6.7	5.9	6.2			
27	---	---	---	6.8	5.3	6.0	7.1	5.9	6.5	6.5	5.7	6.0			
28	10.5	8.4	9.3	6.8	5.3	5.9	6.8	5.3	6.2	7.0	5.7	6.3			
29	---	---	---	5.7	3.6	5.0	7.1	5.2	5.9	6.7	5.2	5.8			
30	---	---	---	5.4	2.4	4.4	6.7	4.6	5.5	6.4	4.5	5.5			
31	---	---	---	7.0	5.0	6.2	---	---	---	6.1	4.3	5.3			
MONTH	---	---	---	---	---	---	8.0	4.0	6.0	7.5	2.3	5.0			

ASHLEY RIVER BASIN

021720813 SAWMILL BRANCH NEAR SUMMERVILLE, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	5.9	2.4	3.6	3.9	2.0	2.9	5.4	4.4	4.9	3.4	2.5	2.9
2	5.4	3.4	4.2	4.9	2.0	3.6	4.9	3.6	4.5	3.4	1.9	2.5
3	7.2	3.2	4.8	4.0	2.4	3.3	4.4	3.6	3.9	5.8	1.7	2.7
4	5.9	4.6	5.2	4.1	2.5	3.2	6.1	3.7	4.4	6.7	2.9	3.9
5	6.7	5.0	5.7	3.8	1.8	2.9	5.7	3.8	4.9	7.8	5.0	5.6
6	6.0	4.4	5.3	5.7	2.0	3.3	6.0	4.6	5.2	6.4	5.2	5.7
7	6.5	4.2	5.1	5.6	2.2	3.5	5.7	4.6	5.2	6.2	5.4	5.8
8	5.4	4.5	5.0	4.9	2.3	3.6	5.7	4.7	5.2	7.1	5.6	6.1
9	5.9	4.2	5.0	4.6	2.1	3.2	5.0	4.3	4.7	6.6	5.7	6.2
10	5.8	4.1	4.8	5.6	2.1	3.4	4.5	3.9	4.2	6.4	5.4	6.0
11	5.5	3.7	4.5	4.3	1.3	2.3	4.6	3.7	4.2	7.0	5.5	6.2
12	4.8	3.4	4.2	2.6	0.8	1.7	4.4	3.7	3.9	7.0	6.5	6.8
13	---	---	---	3.4	0.4	1.8	4.6	3.4	3.9	7.6	6.5	7.0
14	---	---	---	6.0	0.7	2.1	4.5	3.6	4.1	7.4	6.5	6.9
15	---	---	---	3.1	0.6	1.7	4.6	3.6	4.1	7.2	6.2	6.8
16	---	---	---	3.6	0.8	2.0	6.6	3.2	4.6	7.2	6.6	7.0
17	---	---	---	3.7	0.5	1.8	6.0	5.1	5.6	7.5	6.5	7.0
18	5.5	4.7	5.0	4.9	0.3	2.1	5.9	5.0	5.4	7.2	5.6	6.4
19	5.6	4.3	5.0	---	---	---	6.0	5.2	5.6	6.5	5.3	5.8
20	5.7	4.3	5.0	---	---	---	5.9	5.3	5.6	6.1	4.6	5.0
21	5.8	4.4	5.1	---	---	---	6.4	4.9	5.4	5.5	4.5	5.0
22	6.3	4.5	5.3	---	---	---	6.1	5.2	5.7	5.5	4.1	4.8
23	5.9	4.3	5.0	6.4	4.1	5.0	5.9	5.2	5.6	5.6	3.8	4.7
24	5.5	3.7	4.5	5.5	4.4	5.0	5.5	4.5	5.1	5.5	3.3	4.4
25	4.9	3.4	4.1	6.1	4.3	4.8	5.1	4.3	4.8	6.1	3.7	4.4
26	4.2	3.2	3.7	6.9	4.6	5.8	7.0	4.3	5.0	4.7	3.4	4.0
27	3.7	3.1	3.4	5.8	4.8	5.3	4.7	4.0	4.3	5.3	3.3	3.8
28	4.5	2.4	3.3	5.3	4.3	4.9	---	---	---	5.9	2.7	4.1
29	3.9	2.1	2.8	5.3	4.5	4.9	---	---	---	5.0	3.3	4.1
30	4.0	2.3	3.2	5.3	4.5	4.8	3.7	2.7	3.2	4.9	3.8	4.3
31	---	---	---	8.7	4.3	5.1	3.2	2.6	2.9	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	7.8	1.7	5.2

ASHLEY RIVER BASIN

021720816 DORCHESTER CREEK NEAR COOKE CROSSROADS, 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
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	80	-44	122	-74	87	-85	97	-80	180	-58	---	---
2	68	-36	108	-81	105	-69	233	-53	108	-45	---	---
3	60	-46	111	-71	302	-60	130	-83	104	-51	245	-76
4	60	-62	98	-75	222	-3.6	120	-66	119	-44	113	-81
5	72	-55	103	-83	138	-40	86	-73	147	-46	566	13
6	78	-80	630	-47	108	-68	102	-72	398	-37	544	120
7	---	---	385	-31	458	-60	87	-86	267	-33	254	140
8	388	60	128	-22	407	44	118	-71	140	-38	---	---
9	509	168	105	-42	128	-43	110	-95	128	-78	315	81
10	286	149	99	-77	135	-92	233	-87	124	-76	202	12
11	177	74	102	-71	124	-90	119	-95	142	-88	158	-44
12	149	23	87	-72	125	-85	118	-83	142	-81	133	-44
13	140	-28	114	-79	252	-44	113	-83	143	-69	129	-68
14	139	-53	118	-75	168	-86	152	-79	146	-84	186	-62
15	124	-56	145	-80	125	-91	141	-86	107	-81	157	-23
16	140	-97	221	-60	291	-83	114	-89	565	-54	116	-37
17	139	-96	197	-42	252	-3.6	110	-79	315	37	106	-52
18	138	-89	369	-59	162	-20	89	-72	112	-15	92	-58
19	133	-85	611	32	389	-25	317	-19	117	-34	75	-49
20	128	-86	171	-21	137	-48	337	-48	97	-49	81	-72
21	118	-68	149	-34	241	-29	320	24	169	-79	95	-83
22	114	-61	123	-42	119	-62	470	-22	127	-31	110	-86
23	110	-64	---	---	96	-74	---	---	105	-68	129	-83
24	100	-58	169	48	73	-85	543	161	171	-23	106	-82
25	641	-62	146	11	82	-95	281	102	---	---	131	-85
26	154	34	136	-26	72	-85	580	138	---	---	134	-91
27	128	-43	113	-29	92	-86	232	72	---	---	130	-77
28	130	-51	130	-54	123	-88	721	84	---	---	123	-75
29	105	-86	114	-75	123	-87	193	-22	---	---	125	-75
30	122	-80	107	-80	99	-87	144	-51	---	---	125	-73
31	---	---	112	-76	---	---	113	-48	---	---	---	---
MONTH	---	---	---	---	458	-95	---	---	---	---	---	---

021720816 DORCHESTER CREEK NEAR COOKE CROSSROADS, SC--Continued

WATER-QUALITY RECORDS

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

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: July 2001 to current year.

WATER TEMPERATURE: July 2001 to current year.

DISSOLVED OXYGEN: July 2001 to current year.

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

REMARKS.-- Specific conductance records rated fair except for Oct. 3-15, which are poor. Temperature records rated fair. Dissolved oxygen records rated poor. Dissolved oxygen concentrations are not corrected for salinity.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 14,000 microsiemens, Dec. 10, 2001; minimum, 59 microsiemens, Sep. 3, 2001, July 28, 2003.

WATER TEMPERATURE: Maximum, 35.7°C, July 19, 2002, July 9, 2003; minimum, 0.2°C, Jan. 25, 2003.

DISSOLVED OXYGEN: Maximum, 19.0 mg/L, Jan. 30, 2003; minimum, 0.7 mg/L, Sep. 10, 11, 2002.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 4,830 microsiemens, Oct. 7; minimum, 59 microsiemens, July 28.

WATER TEMPERATURE: Maximum, 35.7°C, July 9; minimum, 0.2°C, Jan. 25.

DISSOLVED OXYGEN: Maximum, 19.0 mg/L, Jan. 30; minimum, 1.4 mg/L, June 29.

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	2790	533	1580	334	207	259	292	152	243	171	126	144
2	2940	619	1790	328	199	258	303	148	231	167	155	161
3	3240	689	1980	336	199	268	315	152	238	186	163	173
4	3640	880	2260	411	181	269	322	157	235	187	174	180
5	3800	1060	2490	345	225	262	307	168	244	201	173	186
6	4120	1330	2780	249	100	135	285	194	236	213	189	198
7	4830	1610	3080	199	137	167	287	182	243	216	185	202
8	4040	132	379	221	178	194	300	189	254	225	202	212
9	2950	134	860	261	180	205	305	209	264	234	210	218
10	3170	96	1130	308	90	166	283	146	185	267	196	226
11	1700	105	580	307	136	191	186	154	164	236	217	225
12	1110	179	400	275	152	188	193	163	182	238	205	229
13	1060	191	355	186	149	163	205	111	160	248	167	230
14	1270	247	460	364	173	214	212	178	195	253	178	237
15	1080	242	326	223	190	202	231	191	212	252	179	237
16	340	192	279	221	91	162	263	209	237	283	145	227
17	340	258	301	163	122	145	301	213	255	329	170	255
18	305	128	277	180	153	165	356	220	285	255	144	217
19	325	259	281	192	175	182	369	160	235	263	149	238
20	331	236	264	236	174	196	206	181	190	328	177	257
21	---	---	---	229	142	195	217	191	203	286	186	250
22	326	220	269	232	156	213	230	191	214	278	144	197
23	306	220	254	246	137	224	228	184	218	219	188	207
24	323	224	264	260	131	228	244	79	163	252	205	231
25	315	225	268	263	155	237	---	---	---	255	197	240
26	364	223	278	264	160	234	---	---	---	259	190	241
27	---	---	---	271	165	237	185	154	165	262	196	247
28	---	---	---	268	168	232	186	163	171	299	189	247
29	316	240	264	280	153	233	193	173	181	299	183	252
30	313	233	266	290	157	259	212	139	185	278	183	244
31	330	217	265	---	---	---	256	130	186	285	185	247
MONTH	---	---	---	411	90	209	---	---	---	329	126	221

ASHLEY RIVER BASIN

021720816 DORCHESTER CREEK NEAR COOKE CROSSROADS, SC--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	285	185	250	211	131	173	206	185	195	258	160	213
2	285	187	249	159	115	136	216	192	209	251	160	219
3	292	206	260	176	151	158	242	190	223	256	153	222
4	295	211	272	185	159	171	241	173	230	261	149	216
5	297	228	276	205	174	188	256	176	241	273	149	219
6	299	219	277	231	140	192	264	177	241	293	101	225
7	275	184	207	173	125	149	274	85	173	166	111	145
8	227	191	213	219	158	171	147	96	121	183	166	173
9	251	227	236	197	172	183	129	96	111	221	178	193
10	257	159	216	221	177	194	131	111	119	244	184	208
11	210	195	202	237	185	201	144	125	133	251	169	214
12	304	209	227	216	196	203	162	136	147	248	169	220
13	309	212	255	270	165	198	189	158	169	263	162	218
14	259	183	241	214	175	195	212	113	176	272	168	220
15	265	170	237	214	148	180	251	92	187	266	170	210
16	254	153	204	205	179	189	224	84	182	229	127	188
17	202	170	183	225	155	189	245	92	182	184	141	162
18	223	175	203	198	162	176	260	97	184	206	81	189
19	240	166	214	204	158	190	268	114	196	170	65	122
20	245	164	216	218	78	132	282	122	209	177	134	150
21	256	162	215	124	94	110	282	132	214	187	139	153
22	264	151	191	150	117	130	306	142	236	198	156	173
23	203	159	189	156	133	145	288	153	230	181	75	104
24	226	199	213	197	148	161	280	155	230	156	115	124
25	244	212	222	190	163	175	282	93	163	179	132	143
26	236	193	222	223	171	192	167	131	150	193	153	168
27	237	147	185	250	192	212	192	167	175	186	169	177
28	195	162	178	234	203	215	205	162	186	196	165	180
29	---	---	---	241	171	197	230	162	197	220	168	202
30	---	---	---	---	---	---	244	161	208	222	153	201
31	---	---	---	---	---	---	---	---	---	235	155	210
MONTH	309	147	223	---	---	---	306	84	187	293	65	186

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	255	158	219	230	120	186	153	105	129	242	114	189
2	251	152	213	246	111	174	165	93	142	226	128	173
3	259	81	197	197	156	180	178	78	148	194	96	150
4	164	115	148	205	136	187	187	113	155	206	130	166
5	216	164	186	235	136	199	145	106	125	208	80	95
6	232	195	215	225	172	194	166	64	122	90	75	82
7	240	90	200	210	144	185	168	99	139	96	79	85
8	172	101	142	180	152	172	187	133	156	106	65	85
9	183	162	175	183	122	161	199	118	159	80	75	77
10	193	175	182	201	78	153	213	118	169	90	76	85
11	203	170	186	196	107	156	210	109	167	111	89	101
12	211	153	186	218	91	170	207	116	163	122	103	113
13	242	111	180	229	96	173	216	110	170	134	116	127
14	189	131	166	235	106	169	212	85	169	150	102	129
15	217	129	186	180	119	149	228	82	170	138	116	131
16	229	100	174	217	119	173	217	84	150	145	131	139
17	140	113	123	231	121	187	110	94	101	171	102	151
18	146	108	122	243	124	194	131	104	112	178	125	165
19	156	76	129	221	102	123	154	122	134	194	140	179
20	172	151	158	152	94	136	150	140	145	201	138	180
21	162	103	139	108	84	100	226	116	149	218	129	180
22	169	157	163	112	83	103	138	126	129	224	115	170
23	237	118	174	118	69	102	141	124	130	249	121	183
24	232	98	186	102	78	93	---	---	---	221	120	167
25	205	80	171	111	97	104	---	---	---	333	123	187
26	226	76	180	123	84	96	202	122	166	240	131	176
27	239	75	183	93	84	88	189	111	155	244	135	180
28	238	87	182	115	59	95	193	111	158	250	145	191
29	229	113	178	132	115	126	217	110	166	252	166	204
30	223	100	173	149	92	137	227	105	168	262	169	212
31	---	---	---	203	92	161	235	109	176	---	---	---
MONTH	259	75	174	246	59	149	---	---	---	333	65	148

ASHLEY RIVER BASIN

021720816 DORCHESTER CREEK NEAR COOKE CROSSROADS, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	29.2	25.4	26.7	20.0	16.1	19.0	11.5	6.6	9.2	15.0	13.3	14.2
2	30.0	25.2	26.9	18.7	16.5	17.8	9.9	4.7	7.9	13.3	11.5	12.3
3	29.2	25.7	27.1	17.4	15.0	16.5	9.9	5.6	8.1	11.9	9.4	11.2
4	29.2	25.8	27.3	16.7	15.4	16.1	9.4	6.2	7.8	9.4	7.0	8.1
5	29.2	25.4	27.2	16.8	15.2	15.9	8.5	5.9	7.3	8.3	5.4	6.9
6	28.0	25.7	27.3	20.4	16.8	19.1	9.6	6.7	8.0	9.0	6.1	7.4
7	28.0	26.0	27.2	17.4	13.9	15.1	8.4	4.1	6.8	8.2	5.0	6.1
8	27.5	23.5	24.2	15.3	11.4	13.6	8.8	3.3	6.4	8.6	4.4	6.2
9	24.4	21.4	23.2	16.7	12.2	14.4	9.0	6.1	7.7	10.7	6.7	8.5
10	25.5	21.7	23.8	19.3	15.4	17.6	9.0	7.2	8.2	12.7	9.6	10.8
11	24.9	23.9	24.3	21.9	18.4	19.6	9.8	8.4	9.1	9.6	6.5	8.0
12	25.8	23.2	24.4	20.6	19.0	19.7	10.2	8.4	9.3	7.8	5.3	6.8
13	25.0	23.3	24.3	19.1	15.1	17.3	11.7	9.2	10.4	7.9	5.7	6.9
14	24.2	21.9	23.4	15.9	12.9	14.5	11.5	9.5	10.5	9.8	4.8	7.1
15	21.9	20.1	20.8	16.2	12.2	14.3	9.8	7.5	8.8	9.3	4.6	6.8
16	---	---	---	17.6	14.9	16.2	9.7	6.8	8.3	9.5	3.7	6.6
17	21.1	17.9	19.8	17.4	13.3	16.1	10.8	7.9	9.2	8.7	5.1	7.9
18	---	---	---	13.3	11.3	12.3	11.0	9.1	9.9	6.7	3.0	5.2
19	---	---	---	12.7	9.3	11.1	13.7	10.4	11.9	6.7	1.1	4.0
20	---	---	---	14.5	10.7	12.4	15.8	11.9	13.8	9.1	1.6	5.0
21	---	---	---	15.4	12.4	13.7	11.9	8.7	10.1	12.4	5.8	8.4
22	20.8	19.0	19.6	15.1	11.3	13.1	11.6	6.6	8.8	10.2	7.5	8.6
23	20.3	17.7	18.9	12.4	8.4	10.0	12.2	7.8	9.6	7.6	1.5	5.5
24	19.7	18.4	19.0	12.3	7.0	9.2	---	---	---	---	---	---
25	20.0	17.9	18.9	13.4	7.6	10.0	---	---	---	6.2	0.2	3.0
26	20.1	18.5	19.2	14.4	9.5	11.5	---	---	---	8.3	3.6	5.4
27	---	---	---	14.1	9.8	11.7	---	---	---	7.9	2.6	5.2
28	---	---	---	12.5	6.9	10.1	8.4	5.1	7.0	7.8	2.0	5.0
29	25.4	21.9	23.0	11.1	5.6	8.7	9.7	5.5	7.6	10.7	3.6	7.0
30	24.3	21.7	22.8	11.8	6.8	9.3	10.8	6.5	8.5	12.6	7.2	9.6
31	21.8	19.0	21.0	---	---	---	14.1	8.0	9.8	11.0	8.2	9.1
MONTH	---	---	---	21.9	5.6	14.2	---	---	---	---	---	---

Temperature, water, degrees Celsius												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	11.6	7.8	9.3	12.1	10.5	11.3	18.3	10.0	14.2	25.2	21.6	22.8
2	12.8	6.2	9.1	15.4	12.1	13.9	21.5	12.6	16.9	28.9	19.6	23.4
3	13.6	7.3	10.1	15.5	12.0	13.5	23.5	14.7	18.8	27.1	21.6	24.1
4	15.3	10.9	12.5	14.1	11.7	12.8	23.7	16.0	19.3	25.7	21.0	23.1
5	12.9	8.0	10.7	18.0	13.0	14.9	26.4	17.9	21.2	25.1	21.4	22.9
6	11.4	8.1	9.5	17.6	15.6	16.4	22.4	19.7	20.7	27.7	22.4	24.3
7	10.3	8.3	8.7	16.0	12.5	14.4	21.1	17.7	19.3	27.2	21.8	24.3
8	11.4	6.9	8.2	16.4	11.2	13.6	17.7	14.6	15.9	29.5	22.9	26.0
9	10.4	6.9	8.3	15.9	13.6	14.5	15.3	14.0	14.4	31.0	24.2	27.3
10	11.6	9.0	9.9	17.5	12.1	14.7	14.0	12.5	13.1	31.9	25.0	28.0
11	12.7	6.4	9.2	19.6	12.5	15.7	14.2	12.0	12.8	30.9	25.7	27.9
12	12.7	6.6	9.3	20.9	13.2	17.2	19.1	12.0	15.2	30.5	24.4	27.0
13	12.5	6.5	9.7	17.8	15.2	16.9	21.5	13.9	17.7	29.3	21.2	24.9
14	10.5	6.8	8.8	16.4	13.9	15.5	22.9	16.0	18.9	25.6	22.4	23.9
15	16.7	8.4	11.9	13.9	12.4	12.7	23.9	17.4	19.7	23.6	20.5	22.3
16	13.6	9.9	11.9	17.1	12.3	14.2	23.8	17.1	19.7	26.3	20.6	22.9
17	9.9	8.2	8.9	15.7	14.2	14.9	22.2	17.4	19.4	24.5	22.3	23.1
18	9.8	7.0	8.4	17.9	14.8	16.2	23.6	18.5	20.2	24.8	21.8	23.0
19	12.6	5.2	8.6	19.2	15.4	17.0	21.6	19.3	20.2	23.4	19.8	20.8
20	13.3	9.0	10.8	18.7	17.2	17.9	23.4	18.0	20.0	23.8	18.7	21.1
21	14.9	10.7	12.3	19.5	17.8	18.5	24.2	18.8	20.6	23.4	19.7	21.8
22	17.9	12.2	14.8	20.7	16.3	18.3	26.6	19.8	22.1	23.3	20.2	21.9
23	16.3	12.9	14.8	18.5	16.2	17.3	23.6	18.0	20.6	21.3	20.0	20.6
24	16.0	9.7	13.0	21.1	15.3	17.9	24.7	17.0	20.5	24.1	19.6	21.8
25	17.2	11.7	14.2	21.1	14.6	17.8	20.9	18.0	19.0	25.2	20.1	22.7
26	14.4	11.8	13.5	22.4	15.4	18.9	21.5	17.4	19.1	25.6	21.7	23.8
27	12.3	9.2	10.5	19.9	17.2	18.6	23.6	17.3	20.6	26.1	22.6	24.0
28	12.8	8.6	10.4	21.5	16.8	18.8	24.9	18.4	21.3	28.0	20.9	24.2
29	---	---	---	23.9	18.7	21.2	27.2	19.4	22.5	28.6	22.0	24.9
30	---	---	---	---	---	---	27.0	20.1	23.2	29.4	21.0	24.5
31	---	---	---	---	---	---	---	---	---	30.8	21.4	25.3
MONTH	17.9	5.2	10.6	---	---	---	27.2	10.0	18.9	31.9	18.7	23.8

ASHLEY RIVER BASIN

021720816 DORCHESTER CREEK NEAR COOKE CROSSROADS, SC--Continued

Temperature, water, degrees Celsius
 WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	29.9	23.0	26.1	29.2	24.8	26.5	29.9	25.7	27.5	29.7	26.4	27.6
2	29.3	21.2	24.8	27.3	24.8	25.9	31.0	25.1	27.6	28.7	26.1	27.4
3	25.5	22.3	23.6	32.1	24.5	27.5	30.0	26.1	27.5	29.7	25.3	26.8
4	24.8	22.1	23.5	31.9	26.3	28.5	31.6	25.6	27.8	30.1	24.9	27.2
5	28.9	22.6	25.4	31.0	26.1	27.9	29.8	25.0	27.2	27.7	24.6	25.2
6	27.9	24.8	26.1	32.1	26.4	28.5	30.1	25.5	27.1	24.6	22.3	23.4
7	28.1	24.6	25.7	32.0	26.5	28.3	29.3	25.4	27.0	22.8	21.9	22.4
8	27.0	23.7	25.3	32.6	26.2	28.7	29.5	25.3	27.4	22.6	21.9	22.3
9	30.1	23.8	27.1	35.7	26.5	30.0	32.3	26.1	28.4	24.8	22.0	23.2
10	32.2	25.3	28.3	34.4	26.6	29.3	31.9	26.5	28.7	23.4	22.4	22.9
11	33.0	26.3	28.7	34.6	26.4	29.0	32.2	25.7	28.1	23.7	21.3	22.4
12	32.4	26.1	28.3	34.3	26.3	29.4	31.5	25.0	27.2	23.4	21.3	22.1
13	29.4	25.1	26.9	30.2	26.0	27.8	29.4	25.2	27.0	25.9	20.6	22.8
14	31.0	24.1	26.7	27.5	25.2	26.4	30.9	25.2	27.2	25.5	21.6	23.5
15	33.4	24.9	28.3	29.8	24.4	26.3	32.4	26.0	28.3	26.7	22.2	24.1
16	32.8	25.4	28.0	31.7	25.3	27.5	31.1	25.4	27.3	26.7	22.4	24.3
17	27.1	24.0	25.5	31.9	26.1	28.1	28.2	24.3	26.1	25.6	21.5	23.5
18	27.0	24.0	25.7	29.3	25.9	27.4	30.5	25.0	27.2	25.5	21.1	23.1
19	28.6	24.1	26.2	28.8	25.4	27.0	28.6	24.8	26.5	28.2	21.1	23.8
20	30.5	25.1	27.6	31.1	24.7	27.4	30.0	25.4	27.2	27.8	21.4	24.1
21	28.2	24.0	25.9	29.2	25.3	27.3	29.6	25.9	27.5	27.9	23.1	24.7
22	27.8	22.6	25.1	30.2	25.1	27.1	29.6	25.3	27.3	27.6	23.2	24.9
23	28.7	24.0	26.1	28.1	24.6	25.6	31.9	25.3	28.3	27.4	24.1	25.6
24	30.2	24.9	27.0	25.0	23.8	24.4	---	---	---	27.6	22.8	24.4
25	31.9	25.2	27.4	26.1	23.8	24.9	---	---	---	26.4	21.9	23.8
26	33.7	25.7	28.0	25.1	23.4	24.3	33.2	25.7	28.5	24.6	22.5	23.4
27	34.0	25.9	28.6	27.3	23.9	25.3	34.0	26.0	29.0	25.6	22.6	23.5
28	31.5	25.3	27.9	26.0	24.3	25.1	33.0	26.1	28.7	25.0	22.5	23.5
29	29.2	25.7	27.0	29.4	24.3	26.7	30.6	26.3	28.0	23.2	18.8	21.5
30	32.0	24.4	27.1	31.4	25.0	27.9	30.1	26.2	27.5	21.7	16.8	20.1
31	---	---	---	31.3	26.0	28.5	30.5	26.3	27.7	---	---	---
MONTH	34.0	21.2	26.6	35.7	23.4	27.2	---	---	---	30.1	16.8	23.9

021720816 DORCHESTER CREEK NEAR COOKE CROSSROADS, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	8.7	3.8	4.8	---	---	---	12.5	8.1	10.3	8.9	8.1	8.4
2	8.8	3.6	4.8	9.8	4.1	5.9	13.3	8.3	10.5	9.8	8.2	9.1
3	8.2	3.9	4.9	10.6	4.4	6.3	12.4	8.6	10.5	10.1	8.6	9.5
4	8.2	4.1	5.0	8.7	4.7	6.5	12.3	8.9	10.2	11.3	8.2	10.4
5	7.5	3.8	4.8	8.5	5.0	6.5	12.3	9.0	10.7	11.6	7.3	10.7
6	5.8	3.4	4.5	---	---	---	12.7	9.1	10.8	11.8	7.6	10.8
7	6.0	3.3	4.2	---	---	---	13.7	9.3	11.5	12.6	7.8	11.6
8	5.5	3.4	4.2	---	---	---	14.7	9.6	12.2	---	---	---
9	5.6	3.1	4.2	---	---	---	14.9	9.6	11.8	---	---	---
10	---	---	---	---	---	---	12.4	9.7	10.7	---	---	---
11	---	---	---	---	---	---	10.4	9.7	10.1	---	---	---
12	---	---	---	---	---	---	11.3	9.5	10.3	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	15.4	7.3	12.7
15	---	---	---	---	---	---	---	---	---	16.3	10.7	13.5
16	---	---	---	9.2	6.1	7.7	---	---	---	16.6	8.3	13.0
17	9.2	4.5	5.9	7.5	5.8	6.7	---	---	---	17.9	10.1	13.1
18	---	---	---	9.2	6.2	7.9	---	---	---	18.1	9.8	13.5
19	---	---	---	9.8	8.9	9.4	---	---	---	18.3	11.5	15.1
20	---	---	---	9.3	8.2	8.8	9.3	8.0	8.7	17.1	11.5	14.6
21	---	---	---	9.0	6.2	8.0	11.2	8.6	9.7	17.4	6.0	12.4
22	9.6	4.9	6.6	8.9	6.3	8.2	12.0	8.5	10.2	11.1	5.8	9.9
23	11.5	5.0	6.9	9.8	6.3	9.0	12.4	7.9	10.1	15.4	8.6	12.0
24	10.9	5.1	7.0	10.1	6.3	9.2	---	---	---	17.4	9.9	15.2
25	11.1	5.0	7.0	10.1	6.9	9.1	---	---	---	18.1	12.1	15.3
26	9.9	5.0	6.8	9.7	6.5	8.7	---	---	---	17.2	12.3	14.0
27	---	---	---	10.7	6.8	9.2	---	---	---	16.3	11.4	13.5
28	---	---	---	11.9	7.0	9.8	11.4	9.0	10.4	16.9	10.5	12.3
29	---	---	---	12.4	7.3	10.2	11.4	9.0	10.2	17.1	9.3	12.4
30	---	---	---	12.1	8.0	10.8	11.6	7.2	9.9	19.0	8.3	11.6
31	---	---	---	---	---	---	11.2	7.4	9.8	17.3	8.6	11.4
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	Dissolved oxygen, water, unfiltered, milligrams per liter											
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN			
				FEBRUARY			MARCH			APRIL			MAY		
1	17.1	9.3	11.3	---	---	---	10.3	7.9	9.1	10.9	4.9	6.9			
2	16.6	9.3	11.4	---	---	---	10.6	7.5	8.9	12.6	5.3	8.0			
3	16.8	9.2	11.1	---	---	---	---	---	---	12.9	5.2	8.0			
4	14.5	5.6	10.1	---	---	---	---	---	---	12.8	5.0	7.6			
5	15.4	8.6	10.7	---	---	---	---	---	---	13.7	5.6	8.1			
6	14.0	8.7	10.9	---	---	---	---	---	---	13.8	5.7	8.3			
7	11.2	8.0	9.8	---	---	---	---	---	---	7.4	3.6	6.3			
8	13.7	5.1	10.4	---	---	---	---	---	---	8.5	3.1	5.4			
9	12.8	4.8	10.7	---	---	---	---	---	---	8.3	2.9	4.7			
10	11.7	6.7	9.8	---	---	---	---	---	---	8.2	2.6	4.4			
11	15.6	6.4	10.6	---	---	---	9.6	8.8	9.2	9.0	2.3	4.9			
12	15.7	6.8	10.4	11.3	7.5	9.0	9.7	8.1	9.0	10.8	2.2	6.0			
13	15.2	8.7	11.3	9.3	6.3	7.6	9.4	7.3	8.5	10.8	3.0	6.0			
14	16.6	9.0	12.1	8.2	5.7	6.9	9.6	6.2	8.1	10.4	3.2	5.6			
15	13.0	8.0	10.1	8.2	6.5	7.2	10.0	5.3	7.6	8.3	4.2	6.1			
16	11.1	8.0	9.2	9.1	6.3	7.3	10.2	4.5	7.2	9.0	3.2	5.4			
17	12.8	8.8	10.3	---	---	---	10.2	4.2	6.7	6.8	2.1	4.8			
18	13.9	6.4	10.7	---	---	---	10.6	3.7	6.4	8.5	2.6	4.6			
19	---	---	---	9.4	5.3	7.4	11.1	3.6	6.3	7.6	6.4	7.0			
20	---	---	---	7.6	5.2	6.5	12.2	4.0	6.9	8.2	5.8	7.1			
21	---	---	---	6.8	6.4	6.7	12.3	4.2	7.0	7.9	6.2	7.1			
22	---	---	---	7.2	6.3	6.7	12.9	4.2	7.1	9.6	6.2	7.5			
23	---	---	---	7.4	6.3	7.0	---	---	---	7.5	6.4	6.9			
24	---	---	---	8.0	7.0	7.4	---	---	---	7.5	6.4	6.8			
25	---	---	---	7.9	6.5	7.3	---	---	---	7.6	5.6	6.6			
26	---	---	---	8.6	6.7	7.6	---	---	---	8.0	5.6	6.5			
27	---	---	---	8.8	6.8	7.6	---	---	---	8.0	5.3	6.5			
28	---	---	---	9.2	6.8	7.7	---	---	---	9.2	5.3	6.8			
29	---	---	---	8.0	6.0	7.1	10.3	5.1	7.4	10.3	5.3	7.2			
30	---	---	---	---	---	---	10.9	5.0	7.4	11.9	5.3	7.5			
31	---	---	---	---	---	---	---	---	---	13.7	5.4	8.0			
MONTH	---	---	---	---	---	---	---	---	---	13.8	2.1	6.5			

ASHLEY RIVER BASIN

021720816 DORCHESTER CREEK NEAR COOKE CROSSROADS, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	12.2	5.1	7.8	7.4	2.9	4.4	6.1	5.0	5.6	8.5	5.0	6.4
2	13.3	5.4	7.8	7.4	3.4	5.2	6.6	3.9	5.8	8.5	5.6	6.3
3	11.4	5.5	7.3	9.4	3.9	6.1	7.0	3.2	5.5	9.8	5.2	6.6
4	7.0	5.3	6.2	9.8	3.4	6.0	7.5	3.8	5.6	---	---	---
5	10.4	5.0	7.1	9.8	3.9	5.9	6.0	4.9	5.3	---	---	---
6	10.5	4.1	6.9	10.3	4.0	6.2	6.4	4.1	5.3	---	---	---
7	12.5	4.4	7.1	10.6	3.3	5.6	5.7	3.6	4.8	---	---	---
8	5.3	3.6	4.5	10.0	2.0	5.0	6.4	4.4	5.5	---	---	---
9	6.5	2.9	4.6	10.6	3.3	5.6	7.8	4.2	5.8	---	---	---
10	9.2	3.0	5.4	10.1	3.7	5.6	8.3	4.2	6.0	---	---	---
11	11.0	3.6	5.8	7.8	3.3	4.9	9.4	4.6	6.4	7.9	7.1	7.6
12	9.8	3.1	5.3	10.0	3.4	5.3	10.0	4.5	6.4	7.8	7.1	7.4
13	7.9	3.4	5.1	10.4	3.7	5.5	9.0	4.3	6.1	7.8	6.7	7.3
14	8.1	2.8	5.2	7.8	4.2	5.1	9.1	4.0	6.0	7.7	5.9	6.8
15	10.2	3.5	6.1	9.1	4.3	5.8	10.1	3.6	5.8	7.3	6.0	6.4
16	---	---	---	9.3	4.3	5.9	9.3	3.7	5.7	7.8	6.1	6.9
17	---	---	---	9.0	2.8	5.4	7.0	5.6	6.2	9.0	5.1	7.0
18	---	---	---	8.6	2.8	5.5	7.5	5.2	6.3	9.7	5.6	7.6
19	---	---	---	5.4	3.8	5.1	6.9	5.1	5.8	10.7	5.7	7.8
20	---	---	---	7.0	4.9	5.9	7.6	5.1	6.0	9.9	5.5	7.5
21	5.2	2.4	4.0	6.1	4.8	5.6	8.6	4.8	6.1	10.5	5.5	7.1
22	7.0	2.2	4.1	7.5	5.5	6.2	7.1	5.1	6.0	9.9	5.1	6.4
23	7.6	1.7	4.4	6.8	5.5	6.1	8.4	4.8	6.6	9.3	5.0	6.5
24	8.3	1.9	4.8	6.5	5.9	6.3	---	---	---	10.9	4.7	6.2
25	9.0	1.8	4.9	6.9	5.9	6.4	---	---	---	10.6	4.5	6.1
26	9.8	2.2	5.1	6.7	6.0	6.3	9.2	4.1	5.9	9.8	4.6	5.9
27	9.4	2.0	4.7	6.5	5.9	6.3	9.3	4.1	5.9	9.2	4.7	5.9
28	9.0	2.6	4.8	6.8	5.5	6.1	9.6	4.5	6.1	8.4	4.8	5.8
29	6.7	1.4	3.7	6.0	5.2	5.7	9.0	4.7	6.1	9.3	5.1	6.3
30	8.3	2.0	4.4	6.3	4.5	5.7	8.6	4.7	6.0	9.5	5.4	6.9
31	---	---	---	7.3	4.5	6.2	8.7	4.9	6.2	---	---	---
MONTH	---	---	---	10.6	2.0	5.7	---	---	---	---	---	---

021720817 EAGLE CREEK NEAR NORTH CHARLESTON, SC

LOCATION.--Lat 32°57'02'', long 80°09'34'', Dorchester County, Hydrologic Unit 03050202, on downstream side of bridge on State Hwy 642, 2.5 mi east of Cooke Crossroads, and 0.35 mi upstream of confluence with Ashley River.

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--August 2001 to September 2003 (discontinued).

GAGE.--Data collection platform and acoustic velocity meter. Elevation of gage is 7 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, 1,170 ft³/s, Mar. 20, 2003, maximum gage height, 36.36 ft, Mar. 20, 2003; minimum discharge, -232 ft³/s, Nov. 12, 2001, minimum gage height, 28.41 ft, Aug. 19, 2001.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,170 ft³/s, Mar. 20, maximum gage height, 36.36 ft, Mar. 20; minimum discharge, -211 ft³/s, Apr. 7, minimum gage height, 28.70 ft, May 13-15.

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	173	-110	187	-91	147	-91	223	-73	161	-95	197	-76
2	196	-134	194	-102	176	-116	183	-75	135	-97	236	-23
3	224	-135	211	-133	162	-108	187	-79	143	-88	185	-85
4	196	-138	208	-107	159	-115	152	-92	137	-85	185	-94
5	198	-158	229	-107	164	-105	160	-78	108	-76	172	-93
6	213	-158	223	-76	143	-86	150	-73	124	-68	144	-67
7	203	-165	213	-84	136	-93	135	-66	125	-55	223	-5.5
8	222	-130	188	-106	149	-105	96	-56	93	-55	189	-54
9	207	-124	163	-98	141	-93	88	-50	114	-59	171	-67
10	---	---	204	-88	155	-75	104	-57	90	-75	127	-65
11	326	-26	174	-61	149	-59	97	-61	84	-41	139	-58
12	259	-79	143	-41	94	-53	88	-54	98	-58	112	-73
13	198	-94	192	-16	141	-66	122	-76	120	-62	126	-77
14	203	-71	176	-56	166	-48	120	-67	122	-69	157	-78
15	219	-80	171	-78	134	-63	87	-67	131	-97	179	-69
16	180	-59	241	-91	121	-67	127	-82	175	-109	200	-83
17	177	-63	231	-26	128	-92	127	-82	195	-102	189	-104
18	203	-71	138	-80	147	-96	139	-97	167	-100	233	-105
19	186	-60	148	-87	177	-89	111	-77	176	-101	212	-128
20	172	-73	154	-103	167	-91	97	-75	164	-109	1170	-111
21	---	---	160	-103	130	-84	133	-83	156	-115	613	20
22	162	-78	146	-79	137	-66	163	-79	178	-93	256	-62
23	204	-72	117	-81	141	-77	146	-92	162	-36	164	-78
24	172	-61	131	-69	371	-85	125	-66	131	-73	209	-121
25	174	-62	123	-91	237	1.9	116	-71	127	-80	164	-113
26	170	-73	139	-85	149	-62	126	-71	128	-85	134	-106
27	---	---	136	-81	127	-63	113	-68	190	-97	132	-79
28	---	---	126	-84	117	-70	131	-68	151	-79	286	-124
29	153	-77	134	-85	122	-69	134	-85	---	---	180	-148
30	163	-72	127	-77	127	-83	151	-98	---	---	---	---
31	179	-86	---	---	151	-90	135	-95	---	---	258	-85
MONTH	---	---	241	-133	371	-116	223	-98	195	-115	---	---

ASHLEY RIVER BASIN

021720817 EAGLE CREEK NEAR NORTH CHARLESTON, 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
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	138	-111	166	-127	164	-124	188	-132	149	-135	184	-149
2	107	-104	185	-123	184	-128	197	-107	190	-125	181	-117
3	101	-98	162	-117	175	-117	187	-109	180	-127	211	-123
4	110	-199	157	-123	212	-65	175	-108	182	-111	187	-116
5	60	-125	173	-122	211	-95	175	-116	180	-126	271	-70
6	44	-167	193	-99	185	-117	166	-99	409	-104	301	-69
7	680	-211	199	-71	175	-79	181	-111	236	-78	250	-59
8	351	45	161	-94	251	-19	189	-104	242	-84	347	-77
9	452	56	140	-91	205	-89	186	-123	217	-128	260	-95
10	299	-2.0	138	-92	204	-115	260	-155	194	-145	215	-120
11	220	-25	159	-115	194	-144	202	-122	218	-139	179	-123
12	196	-70	169	-112	231	-152	195	-161	216	-123	166	-116
13	167	-91	182	-124	209	-146	194	-134	198	-141	163	-128
14	174	-116	206	-155	254	-135	196	-141	207	-142	191	-108
15	167	-120	205	-149	229	-138	228	-108	175	-124	159	-85
16	182	-156	223	-164	200	-140	---	---	174	-114	150	-90
17	177	-154	219	-130	214	-146	---	---	153	-91	197	-97
18	192	-146	215	-128	208	-121	---	---	126	-93	133	-82
19	201	-152	347	-28	306	-82	159	-109	184	-105	113	-73
20	197	-129	231	-106	176	-130	142	-103	176	-42	122	-100
21	201	-117	191	-91	175	-113	136	-96	206	-84	155	-135
22	182	-100	182	-93	146	-112	161	-96	175	-45	209	-122
23	153	-99	433	-83	138	-124	164	-71	150	-91	196	-124
24	166	-104	212	-37	146	-131	---	---	189	-75	167	-115
25	259	-99	229	-70	143	-124	---	---	198	-125	199	-126
26	257	-21	184	-90	161	-131	---	---	189	-128	221	-143
27	208	-108	170	-98	156	-137	---	---	173	-147	219	-143
28	187	-120	177	-125	192	-141	---	---	240	-147	218	-131
29	180	-121	167	-108	178	-137	---	---	219	-140	207	-125
30	151	-119	171	-114	178	-137	201	-140	195	-152	200	-142
31	---	---	170	-111	---	---	175	-141	206	-138	---	---
MONTH	680	-211	433	-164	306	-152	---	---	409	-152	347	-149

021720817 EAGLE CREEK NEAR NORTH CHARLESTON, SC--Continued

WATER-QUALITY RECORDS

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

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: July 2001 to current year.

WATER TEMPERATURE: July 2001 to current year.

DISSOLVED OXYGEN: July 2001 to current year.

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

REMARKS.-- Specific conductance records rated fair. Temperature records rated good. Dissolved oxygen records rated poor.
Dissolved oxygen concentrations are not corrected for salinity.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 17,200 microsiemens, June 21, 2002; minimum, 50 microsiemens, Dec. 24, 2002, Aug. 22, 2003.

WATER TEMPERATURE: Maximum, 36.5°C, July 21, 2002; minimum, 0.1°C, Jan. 24, 25, 2003.

DISSOLVED OXYGEN: Maximum, 15.6 mg/L, July 9, 2002; minimum, 0.7 mg/L, Aug. 19, 2002.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 6,370 microsiemens, Oct. 7; minimum, 50 microsiemens, Dec. 24, Aug. 22.

WATER TEMPERATURE: Maximum, 35.7°C, July 12; minimum, 0.1°C, Jan. 24, 25.

DISSOLVED OXYGEN: Maximum, 15.5 mg/L, June 1; minimum, 2.1 mg/L, June 21.

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	4550	971	2870	429	182	291	435	125	210	194	115	139
2	4650	593	2930	459	184	314	387	125	198	138	105	116
3	4770	512	3000	492	190	341	371	129	209	185	104	130
4	4880	1740	3180	592	208	379	359	133	213	216	105	138
5	5180	1680	3540	746	214	422	331	144	221	231	102	140
6	5700	2230	3850	460	161	245	403	147	243	263	105	153
7	6370	2620	4590	304	144	210	381	149	236	271	104	160
8	5850	279	3150	316	162	232	389	147	236	284	106	172
9	5350	282	2560	306	152	230	365	154	236	291	108	173
10	---	---	---	347	128	188	254	177	213	301	108	184
11	1620	99	148	185	139	162	220	145	179	282	108	173
12	947	103	312	228	155	171	204	147	169	276	112	172
13	963	143	601	169	117	138	217	123	159	290	112	169
14	893	176	620	161	117	140	174	118	131	338	115	176
15	865	192	605	200	131	154	184	63	141	336	117	185
16	641	185	424	240	127	163	102	60	74	311	118	179
17	508	202	368	147	125	134	105	57	74	377	123	213
18	439	217	331	160	127	136	121	57	75	354	125	196
19	373	218	299	215	118	142	123	58	79	301	125	206
20	384	201	277	263	118	153	106	60	80	314	135	218
21	---	---	---	263	116	160	88	58	73	355	138	222
22	437	181	257	280	115	169	100	57	76	285	149	200
23	379	177	248	281	110	172	129	58	83	199	143	172
24	371	176	243	304	108	172	135	50	73	228	143	170
25	397	176	254	348	109	178	103	51	60	237	144	187
26	352	177	251	367	112	185	150	69	109	253	149	194
27	---	---	---	370	114	191	197	109	135	248	152	202
28	---	---	---	346	114	180	197	105	139	304	151	214
29	387	154	270	356	114	175	222	102	145	321	152	218
30	385	150	263	404	118	211	225	97	139	292	160	226
31	373	184	275	---	---	---	242	95	138	311	154	236
MONTH	---	---	---	746	108	205	435	50	147	377	102	182

ASHLEY RIVER BASIN

021720817 EAGLE CREEK NEAR NORTH CHARLESTON, SC--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	305	161	240	167	121	143	172	104	131	221	124	158
2	315	158	241	152	116	128	181	107	145	229	122	158
3	301	163	239	126	113	119	202	110	158	251	116	160
4	345	163	237	161	112	130	225	111	163	236	117	148
5	318	167	238	179	109	137	240	114	164	240	120	147
6	340	167	239	201	107	153	247	120	166	268	123	170
7	268	169	215	180	107	137	219	78	136	173	108	123
8	204	155	177	122	102	109	104	79	87	157	117	134
9	227	152	182	145	101	126	98	73	83	197	126	154
10	214	162	188	166	99	130	92	81	87	238	128	166
11	191	146	166	184	98	138	108	89	98	244	132	173
12	191	155	167	201	100	146	125	100	111	266	139	187
13	213	151	175	206	105	156	138	93	110	278	147	197
14	245	147	183	176	107	134	162	85	110	296	151	210
15	229	145	192	168	106	137	218	84	121	297	158	214
16	241	147	202	151	106	129	194	84	121	261	149	201
17	207	142	180	176	111	132	208	88	119	222	139	172
18	186	131	159	164	118	136	207	93	123	---	---	---
19	195	127	163	154	116	131	228	100	130	---	---	---
20	253	126	169	162	61	98	232	106	134	---	---	---
21	242	128	171	80	59	73	237	111	137	---	---	---
22	236	132	171	108	79	93	269	115	154	---	---	---
23	169	131	144	132	99	114	249	120	153	---	---	---
24	162	130	146	144	96	120	269	122	161	---	---	---
25	191	127	158	158	91	121	232	84	127	---	---	---
26	214	124	159	196	88	128	107	76	93	---	---	---
27	225	128	159	186	85	118	129	101	114	---	---	---
28	150	114	134	184	88	118	146	118	129	165	118	137
29	---	---	---	198	93	134	190	119	141	179	117	143
30	---	---	---	---	---	---	209	124	154	219	114	151
31	---	---	---	151	107	126	---	---	---	229	112	152
MONTH	345	114	186	---	---	---	269	73	129	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	258	95	158	251	89	134	172	63	110	---	---	---
2	248	114	157	214	92	123	173	65	104	221	94	136
3	248	113	153	158	106	132	198	68	112	195	97	130
4	162	119	139	184	106	140	167	73	110	203	100	128
5	138	106	116	205	107	146	209	79	129	180	76	95
6	183	115	140	210	112	154	155	76	109	105	85	94
7	209	111	153	215	107	150	120	90	106	115	82	93
8	133	86	98	253	107	152	145	84	111	122	79	99
9	148	99	123	260	93	121	134	86	108	105	69	84
10	168	131	150	230	78	123	167	84	118	124	61	85
11	---	---	---	171	81	119	173	84	120	126	60	87
12	186	119	152	188	79	120	188	82	123	142	56	87
13	206	122	147	197	81	115	200	79	118	160	54	93
14	157	105	127	198	81	119	168	75	110	181	53	93
15	---	---	---	177	85	117	197	73	111	172	58	100
16	193	99	127	170	86	108	212	73	118	144	62	90
17	218	104	139	162	86	110	162	75	120	161	68	96
18	198	103	129	174	85	112	181	74	119	179	73	110
19	128	81	96	204	88	125	203	75	117	205	77	123
20	131	67	99	240	85	135	128	84	99	225	84	120
21	160	66	100	236	85	139	124	54	91	219	88	114
22	144	63	95	217	81	129	86	50	66	225	93	116
23	175	62	100	164	86	125	130	86	96	299	97	142
24	244	63	114	152	72	101	160	75	105	259	109	143
25	232	65	115	135	84	105	174	94	127	216	111	139
26	258	68	119	123	70	91	168	93	116	206	116	145
27	270	70	125	103	73	83	187	90	110	208	123	157
28	275	74	125	116	66	88	174	88	107	222	127	174
29	284	82	142	99	67	83	169	87	106	257	131	191
30	298	83	150	129	64	98	162	88	105	324	141	217
31	---	---	---	168	62	104	156	87	102	---	---	---
MONTH	---	---	---	260	62	119	212	50	110	---	---	---

ASHLEY RIVER BASIN

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021720817 EAGLE CREEK NEAR NORTH CHARLESTON, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	27.4	25.1	26.7	20.5	17.7	19.7	13.9	7.8	9.4	14.5	11.1	13.3
2	29.0	24.9	26.9	20.3	17.5	18.6	11.6	5.7	8.5	13.4	11.3	11.9
3	32.0	26.0	27.4	18.1	16.3	17.3	11.7	6.4	8.4	11.5	9.7	11.0
4	30.5	26.4	27.5	17.3	15.7	16.5	8.5	6.5	7.8	9.7	6.7	8.5
5	31.9	25.9	27.7	16.7	15.2	16.1	7.5	6.2	7.1	8.6	4.9	7.1
6	29.6	26.5	27.7	20.0	16.5	17.9	8.4	6.7	7.4	8.8	5.6	7.3
7	28.5	26.3	27.5	16.9	13.3	15.2	7.5	3.8	6.4	7.9	4.5	6.6
8	27.4	23.5	25.6	15.5	10.5	13.7	7.0	3.1	5.9	8.6	3.6	6.3
9	25.4	21.8	24.0	14.9	11.3	13.8	7.6	5.8	6.7	11.4	6.6	8.3
10	---	---	---	19.3	14.1	16.1	8.4	6.8	7.3	13.7	8.8	10.4
11	24.5	23.5	23.9	20.6	16.3	18.5	9.3	7.6	8.4	10.5	6.3	8.8
12	24.4	22.5	23.5	20.1	18.1	19.1	9.6	8.3	8.8	8.8	5.2	7.4
13	24.9	22.1	23.9	18.9	14.6	17.1	11.8	8.7	10.2	8.4	5.5	7.0
14	24.3	20.4	23.2	16.0	12.4	14.6	11.7	8.9	10.5	9.5	4.9	6.8
15	22.4	19.5	21.4	15.7	11.9	14.1	10.5	6.9	8.8	11.6	5.0	6.8
16	21.0	18.7	20.2	17.3	14.2	15.4	11.7	6.0	8.4	10.7	3.3	6.4
17	23.0	17.2	19.9	17.0	12.8	15.7	11.1	7.2	8.4	9.9	6.0	7.4
18	21.4	17.5	19.2	13.3	10.7	12.2	10.8	8.3	9.0	6.7	2.5	5.3
19	19.7	16.4	18.1	12.7	9.1	11.0	13.9	9.5	10.7	8.1	0.5	4.2
20	22.1	17.2	18.5	13.7	10.1	11.5	15.8	11.6	13.1	9.9	1.0	4.7
21	---	---	---	14.5	11.9	12.6	12.7	9.2	10.6	11.5	4.9	7.1
22	19.4	18.5	18.8	14.5	12.2	12.9	11.0	6.4	8.9	9.2	7.0	7.6
23	19.2	17.7	18.4	12.2	8.1	10.7	10.8	7.7	9.2	7.3	1.9	5.6
24	18.9	18.0	18.4	10.9	6.6	9.5	13.8	9.2	11.0	---	---	---
25	18.8	17.8	18.3	11.6	7.1	9.7	12.9	9.4	12.0	4.4	0.1	2.6
26	19.4	18.2	18.6	12.5	8.7	10.6	9.4	6.6	8.1	7.5	2.8	4.3
27	---	---	---	13.0	9.3	11.1	8.5	5.2	7.4	8.2	2.1	4.6
28	---	---	---	11.3	7.3	10.2	8.1	4.6	6.8	10.3	1.9	4.9
29	23.6	20.3	21.5	10.3	6.2	9.0	9.8	5.2	7.3	14.1	3.4	6.7
30	23.2	20.9	22.1	13.3	7.3	9.3	11.3	6.5	7.9	12.9	6.6	8.4
31	21.8	19.2	21.1	---	---	---	12.7	7.9	8.9	10.4	7.8	8.5
MONTH	---	---	---	20.6	6.2	14.0	15.8	3.1	8.7	---	---	---

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	13.1	7.6	8.9	11.9	10.1	10.8	19.2	9.5	13.7	23.5	20.9	22.4
2	12.9	6.0	8.9	15.3	11.9	13.7	23.3	12.2	15.9	29.1	19.6	23.0
3	12.8	6.6	9.4	15.0	12.3	13.3	25.2	14.0	17.8	25.3	21.2	23.2
4	15.9	9.6	11.5	13.7	11.7	12.7	23.0	15.2	18.2	24.8	21.0	22.9
5	13.2	7.2	10.4	18.6	12.9	14.3	25.2	17.3	19.8	23.7	21.6	22.7
6	10.7	7.7	9.5	17.6	14.7	16.1	21.0	19.0	19.8	27.5	22.3	23.9
7	10.1	8.0	8.7	16.6	12.2	14.4	20.3	17.5	19.1	24.9	21.1	23.1
8	10.9	6.7	8.4	15.9	10.8	12.8	17.5	14.5	15.8	28.0	22.4	24.8
9	10.4	6.4	8.5	16.0	13.6	14.5	14.5	13.7	14.1	30.0	23.2	26.2
10	12.0	8.5	9.5	17.7	12.0	14.8	13.7	12.0	12.8	30.7	24.0	27.3
11	12.3	6.2	8.9	18.5	12.3	15.5	12.9	11.4	12.1	30.4	25.1	27.6
12	14.0	6.4	9.5	20.5	13.4	16.7	17.7	11.5	13.9	32.4	24.5	27.1
13	14.5	6.7	9.7	17.8	15.3	16.8	20.9	13.2	15.5	30.5	22.6	25.9
14	10.7	7.1	9.0	17.1	13.5	16.0	23.1	14.8	16.8	26.2	23.4	24.9
15	20.1	8.3	11.7	15.5	12.0	13.7	24.0	15.9	17.8	24.6	22.5	23.5
16	13.8	10.6	11.7	17.1	12.1	14.0	23.2	16.5	18.2	25.4	20.9	23.2
17	10.6	8.1	9.3	15.4	14.1	14.6	21.8	17.2	18.3	23.9	21.7	22.9
18	10.4	6.5	8.3	18.0	14.6	15.6	21.7	18.3	19.2	---	---	---
19	10.5	4.9	7.9	19.0	15.6	16.7	20.0	19.1	19.5	---	---	---
20	12.0	8.3	9.5	18.9	17.0	17.9	21.4	18.2	19.4	---	---	---
21	13.8	9.7	11.1	19.9	18.2	18.9	22.3	18.0	19.7	---	---	---
22	17.1	11.4	13.9	21.0	16.2	18.4	25.1	19.6	21.0	---	---	---
23	16.7	12.3	14.4	19.4	15.7	17.8	22.1	17.7	20.4	---	---	---
24	15.6	8.8	12.8	20.2	15.2	18.1	23.0	17.2	20.1	---	---	---
25	17.2	11.3	13.8	20.3	15.0	18.1	19.5	17.2	18.7	---	---	---
26	14.2	11.4	13.5	21.3	15.8	18.8	19.6	16.9	18.1	---	---	---
27	13.1	8.7	11.1	19.5	17.8	18.9	22.2	17.0	19.2	---	---	---
28	13.2	8.1	10.2	20.4	17.5	18.8	25.1	17.9	20.4	29.6	20.5	23.9
29	---	---	---	25.1	18.9	20.7	28.3	18.2	21.7	29.4	21.1	24.2
30	---	---	---	---	---	---	30.1	19.1	22.8	31.0	20.2	23.9
31	---	---	---	16.8	11.9	14.7	---	---	---	30.4	21.4	24.3
MONTH	20.1	4.9	10.4	---	---	---	30.1	9.5	18.0	---	---	---

ASHLEY RIVER BASIN

021720817 EAGLE CREEK NEAR NORTH CHARLESTON, SC--Continued

Temperature, water, degrees Celsius
 WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	30.8	21.6	24.9	27.5	24.5	25.5	28.3	25.6	26.5	---	---	---
2	28.6	19.2	24.4	27.9	24.2	25.4	28.7	24.7	26.3	27.9	24.4	26.3
3	25.1	22.2	23.6	29.7	23.6	25.9	27.5	25.0	26.1	28.4	24.2	26.2
4	24.0	21.7	22.8	29.2	24.5	26.6	29.0	24.5	26.3	29.3	24.7	26.6
5	26.1	21.7	23.6	28.9	24.9	26.6	28.7	24.3	26.3	27.8	24.3	25.2
6	26.0	22.6	24.5	30.5	25.4	27.1	29.0	24.9	26.4	24.8	21.7	23.2
7	26.8	23.5	25.0	30.9	25.5	27.6	27.6	24.6	26.0	22.4	21.3	21.8
8	25.4	23.2	24.2	33.2	25.5	28.1	28.8	24.7	26.3	22.4	21.9	22.1
9	29.8	23.4	26.0	34.7	25.5	28.3	30.0	25.0	27.0	24.6	21.7	22.6
10	---	---	---	34.5	26.3	28.5	32.0	25.4	27.5	23.6	22.2	22.5
11	---	---	---	34.6	25.7	28.4	33.0	24.9	27.2	22.6	21.6	21.9
12	29.6	26.5	27.8	35.7	26.3	28.6	31.1	24.1	26.2	22.0	21.4	21.7
13	27.9	24.8	26.2	30.8	26.1	27.3	27.7	24.8	25.8	23.0	21.0	21.7
14	29.6	23.1	25.8	27.9	25.2	26.1	29.9	24.4	26.1	23.8	21.4	22.1
15	---	---	---	28.1	23.4	25.4	29.6	25.5	26.6	24.3	22.0	22.8
16	30.2	23.3	26.3	29.0	24.0	26.0	28.0	25.4	26.4	24.4	22.0	23.0
17	27.4	23.5	25.7	30.3	24.6	26.8	28.3	24.0	26.0	24.0	21.5	22.8
18	26.7	24.6	25.5	28.1	25.0	26.4	29.3	24.9	26.4	23.9	20.5	22.5
19	25.7	23.7	24.8	29.8	25.1	26.7	27.4	24.9	25.8	25.6	20.5	22.8
20	28.3	24.2	25.8	30.4	24.5	26.6	26.6	24.2	25.3	26.1	21.0	23.1
21	26.4	24.0	25.1	30.1	25.6	27.0	27.4	24.0	25.7	26.4	22.5	23.7
22	25.8	22.2	24.2	31.1	25.5	27.0	26.7	23.4	24.6	26.7	23.1	24.3
23	26.9	23.6	24.6	29.7	24.7	26.1	30.9	24.2	26.5	28.2	23.9	25.0
24	28.2	23.6	25.1	24.9	23.6	24.2	28.8	23.9	26.2	27.4	23.7	24.6
25	29.6	23.7	25.7	26.1	23.3	24.4	30.3	25.4	26.7	25.5	23.2	24.1
26	31.6	23.9	26.3	24.4	23.5	23.9	33.6	25.0	26.7	24.4	22.8	23.6
27	33.6	24.2	27.0	27.2	23.7	24.9	32.4	25.8	27.3	24.2	22.4	23.5
28	32.0	24.5	26.7	25.6	24.3	24.8	31.1	25.9	27.2	24.4	22.4	23.4
29	28.9	24.6	26.1	27.4	24.0	25.3	29.7	23.5	27.2	23.5	19.8	22.0
30	33.2	24.1	26.4	29.7	24.9	26.2	28.1	25.6	26.8	22.0	17.4	20.6
31	---	---	---	30.2	25.6	26.8	28.3	25.4	26.7	---	---	---
MONTH	---	---	---	35.7	23.3	26.4	33.6	23.4	26.4	---	---	---

021720817 EAGLE CREEK NEAR NORTH CHARLESTON, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	5.0	4.1	4.6	6.5	4.0	4.4	10.6	7.8	8.7	9.1	6.7	7.9
2	7.1	4.3	4.9	6.6	4.2	4.7	10.5	8.2	8.8	9.3	6.4	7.9
3	7.6	4.2	5.1	6.3	4.5	5.1	10.6	8.3	9.1	9.9	6.5	8.1
4	7.5	3.8	4.8	6.6	4.9	5.4	9.8	8.8	9.2	11.0	6.9	8.8
5	7.8	3.9	4.8	6.7	5.2	5.7	10.0	9.0	9.4	11.2	7.5	9.1
6	6.2	3.8	4.6	6.6	5.6	6.1	10.6	8.9	9.6	10.9	7.9	9.4
7	5.4	3.7	4.5	7.6	5.7	6.5	11.2	9.4	10.0	11.3	8.1	9.6
8	5.2	4.0	4.5	8.6	6.0	6.8	11.7	9.6	10.3	---	---	---
9	5.6	3.7	4.4	8.6	6.0	6.7	11.0	9.8	10.2	---	---	---
10	---	---	---	7.5	5.9	6.5	10.9	9.6	10.1	---	---	---
11	6.4	4.4	5.5	6.8	5.6	6.2	10.0	8.6	9.3	11.1	7.6	8.8
12	5.7	3.7	5.0	6.5	5.1	5.9	9.9	8.6	9.1	12.5	7.8	9.4
13	6.2	3.9	4.9	7.1	6.2	6.5	9.6	7.6	8.7	12.1	8.4	9.5
14	5.6	4.1	4.5	7.9	4.7	6.3	9.4	7.5	8.6	12.2	8.9	9.8
15	5.6	4.3	4.7	8.2	4.9	5.8	10.7	8.0	9.1	13.6	9.2	10.3
16	6.5	4.5	5.0	7.5	5.0	6.2	11.2	8.2	9.4	13.5	9.3	10.3
17	8.1	4.5	5.1	7.3	6.0	6.5	11.1	8.4	9.1	13.7	9.5	10.3
18	7.6	4.5	5.1	8.4	5.4	7.0	10.3	7.5	8.7	13.6	9.6	10.5
19	7.5	4.6	5.2	8.8	5.5	6.8	9.4	7.5	8.1	14.3	10.0	11.6
20	7.3	4.7	5.2	8.4	5.3	6.5	8.3	6.6	7.4	13.6	10.5	11.7
21	---	---	---	7.7	5.1	5.9	10.2	6.6	8.0	12.6	10.2	10.8
22	6.1	4.6	5.0	8.0	5.0	6.0	10.4	7.4	8.5	10.3	8.6	9.5
23	6.8	4.6	5.1	8.6	5.1	6.4	9.8	7.2	8.1	11.3	8.5	9.5
24	6.1	4.5	5.0	8.8	5.3	6.6	8.3	5.8	7.4	12.8	9.1	10.9
25	6.0	4.5	5.0	8.4	5.4	6.5	7.7	5.8	6.7	13.3	9.8	11.1
26	6.5	4.5	4.9	8.7	5.4	6.9	9.4	6.8	8.3	13.3	10.2	11.0
27	---	---	---	9.5	6.3	7.3	11.0	7.0	8.9	14.0	10.4	11.3
28	---	---	---	9.6	6.3	7.4	11.9	7.2	9.4	13.3	9.3	10.8
29	6.0	4.0	4.5	10.2	6.9	7.9	11.3	7.3	9.5	14.4	10.2	11.1
30	5.9	3.8	4.3	10.9	7.6	8.7	11.6	7.5	9.3	14.1	9.4	10.5
31	6.4	3.8	4.2	---	---	---	10.9	7.2	9.0	13.5	9.0	10.1
MONTH	---	---	---	10.9	4.0	6.4	11.9	5.8	8.9	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	13.7	9.3	10.1	9.7	8.4	9.0	9.0	5.5	7.1	7.6	2.7	4.5
2	13.0	9.3	10.1	9.0	7.4	8.3	8.4	5.8	7.0	8.5	3.1	4.7
3	13.4	9.3	10.2	8.9	6.3	7.6	8.7	5.7	6.9	8.4	3.1	4.7
4	12.6	8.8	9.8	8.9	6.2	7.3	9.7	5.5	6.9	7.7	3.1	4.5
5	13.8	8.3	9.8	9.5	6.0	7.1	9.6	5.2	6.6	7.2	3.1	4.3
6	11.8	8.6	9.4	7.7	5.7	6.5	8.8	5.1	5.9	8.4	3.4	4.8
7	10.7	8.6	9.3	7.4	6.2	7.0	8.0	4.9	6.1	6.1	4.0	5.3
8	12.5	8.8	9.8	8.2	5.5	7.5	8.2	6.4	7.2	6.9	3.0	5.0
9	13.0	8.8	9.8	8.0	5.4	6.8	8.2	7.7	8.0	7.9	2.8	4.8
10	10.9	8.5	9.2	8.2	5.2	6.5	8.7	7.8	8.2	8.4	2.9	4.7
11	12.6	8.6	9.8	8.2	5.0	6.3	8.9	8.2	8.6	9.2	2.8	4.7
12	13.5	8.8	10.2	8.6	4.9	6.2	8.9	6.4	7.7	---	---	---
13	13.6	8.8	9.9	7.6	4.8	6.0	8.3	5.9	6.8	---	---	---
14	13.4	8.8	10.0	7.4	4.6	5.8	8.8	5.5	6.3	---	---	---
15	12.1	8.3	9.4	8.2	4.5	6.2	8.7	5.2	6.1	---	---	---
16	9.0	7.6	8.1	8.8	4.4	6.6	8.7	4.8	5.7	---	---	---
17	11.0	7.7	8.6	8.1	5.5	6.3	8.1	4.5	5.3	---	---	---
18	11.9	8.2	9.2	7.8	5.4	6.3	7.5	4.2	4.9	---	---	---
19	11.8	8.3	9.4	7.4	5.2	6.0	7.5	4.0	4.7	---	---	---
20	11.2	8.3	9.1	7.1	5.1	6.0	8.0	3.8	4.8	---	---	---
21	9.9	7.6	8.6	6.2	5.7	5.9	7.8	4.0	4.8	---	---	---
22	8.3	4.6	7.4	6.7	4.2	6.1	8.1	3.9	5.0	---	---	---
23	7.6	4.1	6.3	7.1	4.0	5.8	8.1	4.0	4.9	---	---	---
24	9.9	4.7	7.4	7.2	3.6	5.3	8.5	4.0	5.2	---	---	---
25	11.1	7.2	8.2	6.8	3.7	5.2	8.5	4.5	6.3	---	---	---
26	10.8	7.2	7.9	7.7	3.6	5.3	7.5	6.4	6.9	---	---	---
27	9.6	7.5	8.6	7.0	3.8	4.9	7.9	4.9	6.4	---	---	---
28	11.4	8.0	9.3	6.9	3.6	4.8	7.8	3.2	5.5	10.7	4.5	6.0
29	---	---	---	7.2	4.0	5.1	8.2	3.3	5.0	11.9	4.6	6.3
30	---	---	---	---	---	---	8.3	3.3	5.0	14.2	5.0	6.8
31	---	---	---	8.7	4.6	6.6	---	---	---	13.2	5.0	6.8
MONTH	13.8	4.1	9.1	---	---	---	9.7	3.2	6.2	---	---	---

ASHLEY RIVER BASIN

021720817 EAGLE CREEK NEAR NORTH CHARLESTON, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	15.5	4.8	6.9	7.0	3.4	4.3	6.5	3.9	4.7	---	---	---
2	14.3	4.8	6.5	5.9	3.7	4.5	6.7	3.6	4.7	6.6	4.0	4.8
3	10.6	5.0	6.1	7.9	3.0	5.0	6.2	3.8	4.6	6.9	4.2	5.0
4	6.6	4.8	5.8	7.2	3.1	4.9	7.0	3.6	4.9	7.2	4.1	4.9
5	7.4	5.2	6.2	7.4	3.6	4.6	7.0	3.3	4.8	6.0	4.7	5.2
6	7.8	5.0	6.0	7.7	2.9	4.7	7.0	3.7	4.9	6.2	4.3	5.5
7	9.1	4.6	5.8	8.6	2.7	4.6	5.9	3.7	5.0	6.3	4.8	5.6
8	6.0	5.5	5.7	9.9	3.5	5.3	7.0	3.6	4.8	6.1	4.7	5.5
9	8.2	4.3	5.7	8.2	3.8	5.2	7.1	3.7	5.0	6.2	4.4	5.2
10	---	---	---	7.6	3.6	4.8	7.6	3.8	5.0	5.1	4.1	4.6
11	---	---	---	8.7	3.7	4.9	8.4	4.0	5.2	5.0	3.9	4.3
12	---	---	---	9.9	3.7	4.9	8.4	4.0	5.1	4.6	3.8	4.1
13	7.0	3.7	4.2	8.8	3.5	4.7	6.2	3.9	4.6	5.0	3.8	4.2
14	7.8	3.6	4.9	9.0	3.8	5.2	7.3	3.8	4.7	5.5	4.1	4.5
15	---	---	---	10.1	4.2	5.5	7.0	3.5	4.4	5.3	3.6	4.2
16	8.1	3.4	4.7	8.5	4.0	5.1	6.3	3.6	4.4	5.9	3.5	4.3
17	8.2	3.2	4.5	8.4	3.9	5.2	6.3	3.2	4.5	6.2	3.7	4.4
18	7.0	2.5	4.3	7.1	3.8	4.7	7.5	3.9	5.0	6.8	4.0	4.8
19	6.0	2.4	4.7	9.1	3.8	4.8	6.9	3.5	4.7	7.1	4.2	5.0
20	6.6	2.9	4.5	9.8	3.3	4.8	6.0	4.1	5.3	6.5	4.3	4.9
21	5.4	2.1	3.8	9.1	3.0	4.6	7.2	3.8	5.1	5.7	4.3	4.7
22	5.5	2.3	3.7	8.2	3.2	4.4	6.1	4.5	5.7	5.7	4.1	4.8
23	5.1	2.7	3.7	6.9	3.3	4.6	7.4	4.1	5.4	6.3	4.1	4.7
24	5.6	2.7	3.7	6.0	3.0	5.3	6.5	4.1	5.0	7.0	4.1	4.8
25	5.1	2.4	3.7	6.8	4.9	5.9	7.0	3.9	4.7	6.6	4.2	4.6
26	6.9	2.9	4.0	6.1	4.4	5.4	7.0	4.1	4.4	5.7	4.1	4.5
27	7.7	3.2	4.0	6.3	4.2	5.4	7.0	4.2	4.5	5.2	4.1	4.4
28	7.1	3.0	3.9	6.8	4.6	5.8	5.8	4.1	4.4	5.1	4.1	4.5
29	8.0	3.3	4.3	6.0	4.3	5.4	5.2	4.0	4.5	5.4	4.3	4.6
30	8.9	3.2	4.6	6.1	4.2	5.0	5.3	4.0	4.5	5.6	4.5	4.9
31	---	---	---	6.0	4.0	4.6	5.2	4.2	4.5	---	---	---
MONTH	---	---	---	10.1	2.7	5.0	8.4	3.2	4.8	---	---	---

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, 15,100 ft³/s, Mar. 20, maximum gage height, 34.39 ft, Apr. 17; minimum discharge, -11,100 ft³/s, Apr. 17, minimum gage height, 25.11 ft, Jan. 30.

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	10500	-5480	11200	-6420	8770	-6890	11600	-9750	10300	-5770	9980	-6410
2	11100	-5820	11700	-6670	11000	-8150	11100	-7340	12400	-6250	10300	-7910
3	11200	-6150	11300	-6880	10200	-8920	10900	-7910	11400	-5930	9120	-7240
4	11400	-7050	11300	-7420	12200	-8890	10100	-7450	9520	-6110	10200	-6310
5	11100	-7270	12100	-8480	11100	-7690	11200	-7590	6300	-4180	9210	-6630
6	11100	-7330	11600	-6940	9650	-6060	8440	-5760	7410	-4560	7320	-6200
7	11200	-7870	11100	-7190	9940	-5530	8120	-5630	7340	-4200	6740	-5390
8	11700	-8360	11300	-6280	9240	-4890	5920	-5320	6850	-4020	7120	-5970
9	11500	-8590	11500	-5430	9100	-4690	5130	-5300	6140	-4020	7560	-5600
10	11200	-7690	10200	-5360	9490	-5720	5400	-4270	5940	-4330	7120	-4520
11	10500	-8000	8360	-4920	8120	-6220	4960	-4680	6040	-4480	7410	-4490
12	9710	-5750	6260	-5060	5120	-3520	4540	-5400	6270	-4830	6170	-4930
13	10000	-5570	7280	-4650	6170	-4960	10200	-4600	8250	-4880	6680	-5990
14	9560	-6250	9050	-6130	7230	-5830	9060	-4900	7930	-4860	8700	-6410
15	10500	-7390	9790	-6510	6400	-5280	6380	-4590	10300	-5710	11000	-6100
16	10800	-6280	9760	-6880	6960	-5390	10900	-5810	12200	-6740	11100	-7380
17	11500	-5660	9710	-7250	8080	-5650	7830	-5770	11900	-6770	10800	-8920
18	10600	-5890	8310	-7080	9610	-5690	10900	-6050	11700	-6410	11300	-9200
19	10500	-5470	10300	-7010	10600	-6210	8920	-6420	12400	-6840	11600	-8820
20	10500	-6030	9460	-7880	10400	-7750	7400	-5480	11600	-6230	15100	-8780
21	9880	-5700	10300	-7130	6920	-6090	10400	-6360	11200	-5980	14200	-8230
22	9540	-5370	8920	-6590	8630	-5300	11100	-5450	11300	-7110	12400	-7520
23	9450	-5620	7860	-5820	8180	-5550	8800	-5250	11400	-5150	12200	-7280
24	9770	-5620	7810	-6090	10800	-6220	7560	-5010	9500	-4700	11500	-6080
25	9590	-5570	7250	-6100	9070	-5520	7140	-5010	8660	-4780	11700	-6050
26	9180	-5530	7690	-7410	8270	-5770	10200	-5010	10200	-4890	9730	-5870
27	9090	-5040	7430	-5990	8840	-6830	7110	-4460	11000	-5970	9810	-5720
28	10600	-4570	8650	-6020	8210	-5870	10300	-6080	9230	-6570	10300	-6250
29	10100	-5510	9060	-7510	8940	-6240	11300	-5320	---	---	11100	-7330
30	9130	-5040	6240	-6410	10400	-7010	11300	-6080	---	---	---	---
31	11900	-5840	---	---	10000	-7030	9860	-5850	---	---	10000	-8320
MONTH	11900	-8590	12100	-8480	12200	-8920	11600	-9750	12400	-7110	---	---

ASHLEY RIVER BASIN

02172084 ASHLEY RIVER AT BAKERS LANDING NEAR NORTH CHARLESTON, 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
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	8500	-7400	10800	-7170	10700	-7250	11000	-8450	10900	-6890	10400	-9220
2	---	---	10600	-7570	10700	-7910	11400	-7160	11500	-6480	10300	-8250
3	---	---	9540	-8260	11200	-7670	9240	-7320	10700	-7350	10500	-8070
4	6830	-7490	10100	-6940	10200	-7060	9020	-6770	8180	-7140	10600	-7950
5	8230	-6830	11100	-8250	8520	-7520	9110	-6990	8500	-7820	11600	-8120
6	7530	-6780	10700	-6410	9140	-7650	8330	-7380	10500	-7760	11800	-8510
7	9500	-6230	6560	-6020	10200	-6490	8390	-6800	10800	-7920	11300	-8450
8	9030	-7240	7870	-5370	9180	-6910	8360	-7090	---	---	12000	-8250
9	10100	-7240	6930	-5590	8580	-6620	11500	-7460	12100	-9570	12600	-8690
10	9390	-6840	7140	-5730	11300	-8840	12200	-8440	12500	-8700	13000	-7380
11	9490	-7340	7910	-6470	12300	-8910	12700	-8720	11100	-8780	11700	-6890
12	10500	-6650	8280	-7060	12500	-8930	12800	-9270	11100	-8100	12100	-6140
13	10500	-7520	12200	-8260	13000	-9640	12200	-8590	11100	-8830	11300	-5820
14	---	---	12300	-8750	13000	-9620	11600	-8960	11100	-8370	10400	-6870
15	---	---	12200	-10000	13000	-9450	12300	-8200	9840	-7510	9210	-6230
16	12300	-9070	12400	-8100	13300	-8850	11400	-8560	9010	-7350	8430	-5530
17	13800	-11100	12200	-9070	12800	-7790	10900	-7490	6970	-6430	8750	-5460
18	---	---	12100	-9310	11500	-7940	8930	-6490	5720	-6990	7070	-5360
19	12600	-9080	12800	-8420	11800	-7340	8470	-6890	7870	-6890	5320	-5380
20	11800	-9260	11600	-7800	9380	-6150	6920	-7560	6530	-6250	9260	-6900
21	13200	-8220	11300	-7530	9970	-7100	5920	-7250	7800	-6070	10400	-8200
22	12000	-8230	9700	-7060	9770	-4680	5810	-6660	6200	-6040	11300	-8090
23	10400	-7050	9320	-6000	8810	-4370	6330	-5750	6580	-6770	11400	-7130
24	10200	-7420	8560	-7410	7710	-4690	6100	-3890	9550	-7890	11800	-7980
25	9700	-7110	8710	-7330	7580	-5550	6440	-6610	11200	-7930	12000	-8560
26	9710	-7540	8250	-6630	9010	-6640	8570	-6180	11600	-8250	12100	-8430
27	9230	-8630	8280	-7960	10200	-8150	10500	-7380	11600	-9290	12100	-8440
28	10200	-8730	10400	-8350	10900	-8450	10200	-5710	11200	-8760	11800	-8570
29	10300	-8560	9650	-7810	9890	-8440	11600	-6910	11400	-9060	11400	-8260
30	10300	-8010	11000	-7270	11000	-7940	11600	-7300	11800	-9720	11500	-7980
31	---	---	9580	-7230	---	---	11500	-6640	11800	-8610	---	---
MONTH	---	---	12800	-10000	13300	-9640	12800	-9270	---	---	13000	-9220

02172084 ASHLEY RIVER AT BAKERS LANDING NEAR NORTH CHARLESTON, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 2001 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: April 2001 to current year.

WATER TEMPERATURE: April 2001 to current year.

DISSOLVED OXYGEN: April 2001 to current year.

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

REMARKS.--Specific conductance records rated good except for Nov. 27 to Dec. 27 and May 15-27, which are fair. Temperature records rated excellent. Dissolved oxygen records rated good except for Oct. 16 to Nov. 1, Jan. 10-22, and May 15-27, which are fair, Oct. 1-7, Mar. 3-19, June 26 to July 11, and July 15-31, which are poor. Dissolved oxygen concentrations are not corrected for salinity.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, >32,800 microsiemens, many days, several months; minimum, 66 microsiemens, Sep. 13, 2003.

WATER TEMPERATURE: Maximum, 32.1°C, July 31, 2002; minimum, 4.3°C, Jan. 25, 28, 2003.

DISSOLVED OXYGEN: Maximum, 10.9 mg/L, Jan. 7, 2002; minimum, 2.4 mg/L, May 28, 2002, June 17, 2003.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 21,100 microsiemens, Oct. 7; minimum, 66 microsiemens, Sep. 13.

WATER TEMPERATURE: Maximum, 30.5°C, July 9; minimum, 4.3°C, Jan. 25, 28.

DISSOLVED OXYGEN: Maximum, 10.7 mg/L, Jan. 24, 25; minimum, 2.4 mg/L, June 17.

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	16600	8620	11800	9920	1390	4160	1020	283	479	803	175	283
2	16600	8260	11800	10200	1420	4560	3880	301	922	361	176	235
3	17200	8000	11900	11300	1500	4810	3600	347	1080	440	184	255
4	18500	8060	12400	12300	1540	5080	10000	414	2370	419	185	257
5	18800	8400	12700	14500	1660	5920	8100	502	2080	569	195	285
6	19500	8580	13300	10500	1430	4000	6270	530	1770	381	200	258
7	21100	9130	14200	10100	1330	3690	5360	586	1650	349	203	251
8	20800	9230	14000	9420	1420	3760	4260	632	1490	291	191	235
9	20800	9490	14000	8200	1400	3390	4890	686	1670	270	186	227
10	20100	9400	13800	6170	1180	2700	6510	814	2140	262	175	217
11	17100	5190	10500	3140	839	1750	3830	658	1600	497	177	233
12	9850	3340	6450	2290	619	1340	1730	669	1060	900	182	277
13	9640	3190	6080	1510	432	909	2140	573	1140	3870	188	835
14	9150	3140	6160	1520	440	849	1450	431	736	3630	202	839
15	10300	3810	6880	1870	437	913	1350	431	746	2940	204	813
16	8520	3040	5520	1860	418	800	1530	432	705	6350	221	1540
17	7600	2600	4790	1010	240	464	2820	399	939	2970	245	823
18	7480	2540	4640	505	258	368	6340	424	1470	8480	256	2040
19	6960	2290	4380	663	281	400	6030	427	1380	3720	299	990
20	6720	2050	4010	818	261	410	3170	334	840	2720	314	827
21	6370	1820	3660	830	247	403	1030	306	500	4120	339	1060
22	6400	1630	3520	560	219	324	1070	283	468	7060	364	1760
23	6950	1580	3480	441	213	285	1000	280	467	4880	402	1420
24	7080	1580	3480	418	200	275	3200	269	640	2360	374	821
25	7060	1490	3360	396	213	272	426	217	286	2880	403	974
26	6120	1490	3050	397	215	284	394	236	291	4570	399	1220
27	5660	1430	2850	382	214	287	396	199	298	2660	415	954
28	6020	1420	2870	572	240	328	339	177	256	6330	441	1610
29	6210	1320	2770	650	256	376	329	178	240	6570	441	1710
30	6850	1340	3050	483	265	357	490	175	256	7080	451	2040
31	8420	1390	3610	---	---	---	612	173	265	7180	506	2150
MONTH	21100	1320	7260	14500	200	1780	10000	173	975	8480	175	885

ASHLEY RIVER BASIN

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 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	8440	539	2430	4250	260	995	236	155	192	1160	235	403
2	7060	573	2220	2170	228	570	---	---	---	1110	238	422
3	6170	614	1980	728	202	351	---	---	---	1100	235	422
4	4790	593	1640	754	195	338	333	172	218	3370	254	569
5	3630	639	1490	425	186	268	332	190	233	3730	267	738
6	4450	713	1740	290	171	226	806	203	273	2320	266	534
7	4360	614	1450	268	170	216	1400	210	371	615	229	318
8	3840	650	1380	253	174	201	294	157	205	657	214	312
9	4450	653	1780	222	156	184	279	143	175	561	216	308
10	5920	595	1970	201	142	170	187	133	160	597	217	332
11	6920	599	2790	188	135	161	184	138	160	1070	223	422
12	7890	518	2930	179	137	158	198	134	163	1500	238	517
13	8530	516	4180	187	140	167	206	134	165	6020	244	1250
14	9450	611	4450	226	156	192	---	---	---	10000	295	2250
15	11400	595	4680	1220	170	290	---	---	---	10900	364	2810
16	16100	624	6690	745	176	274	405	107	161	11300	426	2840
17	15600	833	5660	843	181	338	651	116	187	14300	488	3030
18	12500	673	4450	1300	197	444	---	---	---	14300	712	4220
19	12900	698	4350	1900	207	493	753	136	217	14000	432	2980
20	11000	701	3960	1710	140	427	723	154	248	7890	363	1870
21	11500	784	4170	230	108	144	852	164	285	4920	308	1170
22	11500	679	3890	191	124	155	912	180	287	2580	283	822
23	6230	410	1650	190	139	161	457	194	269	1740	168	453
24	3650	349	1160	205	128	156	575	209	295	381	161	233
25	2880	346	986	182	119	145	636	186	298	348	163	228
26	5320	352	1410	151	112	135	315	182	237	293	155	211
27	7960	316	1670	163	121	141	396	180	248	290	155	211
28	3090	282	829	202	124	151	571	193	281	544	173	254
29	---	---	---	186	130	156	571	204	298	447	183	252
30	---	---	---	---	---	---	916	215	337	883	193	307
31	---	---	---	226	149	181	---	---	---	641	196	302
MONTH	16100	282	2790	---	---	---	---	---	---	14300	155	1000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	1370	199	363	1310	119	207	98	77	86	1210	147	392
2	3120	215	516	770	138	198	102	81	92	1320	154	375
3	3020	233	503	344	144	185	108	86	96	1240	160	366
4	1320	223	379	344	155	205	115	93	102	1520	164	397
5	709	216	308	461	168	238	127	100	111	1700	154	382
6	728	225	351	523	181	272	153	109	121	1540	143	364
7	1800	235	485	713	191	311	197	114	132	909	139	245
8	792	217	346	939	201	348	326	118	167	401	129	192
9	871	222	365	1770	189	439	440	123	173	383	99	153
10	2560	236	604	1610	150	386	512	125	180	146	81	107
11	4740	247	981	1120	123	281	483	127	187	105	75	85
12	5560	270	1210	1060	119	260	485	128	187	90	69	77
13	4360	261	1040	1100	120	265	460	122	180	81	66	71
14	4040	216	826	923	127	245	321	120	165	81	68	74
15	3300	189	667	971	137	257	257	110	143	83	70	78
16	2530	187	544	930	148	253	178	101	127	92	75	84
17	2400	166	448	667	148	230	138	103	116	105	80	91
18	1430	166	344	388	143	212	124	109	117	105	86	95
19	706	144	230	317	139	186	131	105	118	108	93	101
20	210	111	150	227	135	171	134	111	121	2370	102	392
21	159	82	114	208	132	162	136	106	119	6010	117	1060
22	95	76	85	187	124	151	132	112	122	7720	134	1670
23	89	72	80	162	120	138	242	122	139	7050	159	1590
24	95	76	82	139	108	126	2360	125	360	10800	193	2760
25	97	78	86	147	117	128	2910	129	435	12500	304	3730
26	100	80	88	154	113	129	2370	135	399	11800	468	4250
27	118	81	95	133	99	117	2100	145	402	13000	645	4900
28	159	88	108	117	93	103	1750	143	391	13100	830	4810
29	159	101	121	113	84	98	2070	145	439	13000	905	4840
30	294	106	140	110	79	88	1630	147	454	13100	1110	5070
31	---	---	---	92	75	83	1450	145	412	---	---	---
MONTH	5560	72	389	1770	75	209	2910	77	206	13100	66	1290

02172084 ASHLEY RIVER AT BAKERS LANDING NEAR NORTH CHARLESTON, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	27.2	26.2	26.7	21.1	19.6	20.5	11.0	9.4	10.2	11.3	9.1	10.3
2	27.2	26.0	26.6	20.3	18.6	19.6	10.9	9.0	9.7	11.8	10.4	11.2
3	27.3	26.0	26.6	19.5	18.1	18.7	10.4	8.8	9.5	11.4	10.7	11.2
4	27.5	26.3	26.8	19.1	17.4	18.1	10.8	8.4	9.3	10.9	10.2	10.4
5	27.8	26.4	27.0	18.5	17.1	17.7	9.6	7.9	8.4	10.2	9.3	9.8
6	28.0	26.8	27.4	18.7	17.8	18.2	9.1	7.7	8.4	10.0	8.6	9.3
7	28.2	27.1	27.7	18.0	17.3	17.6	8.9	7.8	8.2	9.4	8.0	8.6
8	28.0	26.6	27.1	17.7	16.5	17.1	8.6	7.6	8.1	8.8	7.1	7.9
9	26.9	25.5	25.9	17.4	16.2	16.9	8.7	7.9	8.2	8.6	7.4	8.1
10	25.9	24.8	25.4	18.1	16.6	17.3	8.6	7.9	8.2	9.2	8.4	8.7
11	25.8	24.9	25.4	18.7	17.3	18.0	8.5	8.0	8.3	9.2	8.5	8.8
12	25.8	24.5	25.2	18.8	18.1	18.5	8.6	8.1	8.3	8.9	8.4	8.6
13	25.8	24.9	25.4	18.5	17.8	18.3	9.5	8.3	8.9	8.7	8.1	8.5
14	25.4	23.5	24.8	17.9	16.6	17.4	9.4	8.9	9.2	8.7	7.9	8.3
15	23.9	22.2	23.2	17.2	16.0	16.7	9.5	8.5	9.1	8.5	7.6	8.1
16	22.7	21.0	22.0	17.0	16.0	16.4	9.6	8.5	9.1	8.3	7.3	7.8
17	22.0	20.7	21.2	16.6	14.9	15.7	9.5	8.6	9.2	8.2	7.3	7.8
18	21.3	19.8	20.6	15.0	13.9	14.5	9.8	9.1	9.4	7.9	6.3	7.2
19	20.7	19.5	20.0	14.3	13.3	13.8	10.6	9.6	10.1	6.6	5.7	6.2
20	20.9	19.4	20.2	14.1	12.5	13.3	12.2	10.5	11.3	6.7	5.4	6.1
21	20.9	20.0	20.4	14.1	12.3	13.2	11.9	11.0	11.5	7.6	6.2	6.9
22	20.9	20.1	20.4	13.7	12.5	13.0	11.7	10.8	11.3	7.8	7.4	7.5
23	20.5	19.6	20.1	12.8	12.4	12.6	11.7	11.0	11.3	7.6	6.1	6.8
24	20.4	19.7	20.0	12.5	11.7	12.2	11.9	10.9	11.4	6.2	4.8	5.4
25	20.2	19.5	19.9	12.9	11.2	12.0	12.2	11.3	11.7	5.6	4.3	5.0
26	20.2	19.5	19.9	12.8	11.0	11.9	11.4	10.4	10.9	5.6	4.5	5.2
27	20.9	19.6	20.2	12.7	11.1	11.9	10.8	8.9	9.9	5.6	4.8	5.2
28	21.5	20.5	20.9	12.3	10.9	11.5	9.9	7.7	8.8	5.5	4.3	5.0
29	22.3	21.2	21.6	11.5	10.0	10.7	9.0	7.3	8.1	5.9	4.8	5.4
30	22.3	21.9	22.1	10.8	9.9	10.3	9.0	7.2	7.9	6.8	5.8	6.3
31	22.2	20.9	21.6	---	---	---	9.5	7.7	8.2	7.1	6.6	6.9
MONTH	28.2	19.4	23.3	21.1	9.9	15.5	12.2	7.2	9.4	11.8	4.3	7.7

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	8.1	6.8	7.3	12.1	11.4	11.8	17.5	16.0	16.7	22.9	22.1	22.5
2	8.9	7.3	7.9	12.9	11.5	12.2	---	---	---	23.9	22.0	22.8
3	9.8	7.9	8.7	13.7	12.2	12.8	---	---	---	24.1	22.9	23.4
4	10.9	8.9	9.8	13.4	12.7	13.1	18.3	16.7	17.5	24.6	23.1	23.7
5	11.0	9.4	10.1	14.4	13.1	13.7	19.5	17.6	18.4	24.1	23.1	23.7
6	10.5	9.6	10.1	15.2	14.2	14.7	19.6	18.6	19.1	25.7	23.7	24.3
7	10.2	9.5	9.9	15.4	14.7	15.1	20.0	19.0	19.5	25.5	24.3	24.8
8	10.2	9.4	9.8	15.4	14.0	14.6	19.6	17.7	18.7	26.2	24.9	25.5
9	10.5	9.4	9.8	15.0	14.4	14.6	18.6	15.1	16.3	27.0	25.5	26.2
10	10.4	9.6	10.0	15.7	14.2	14.8	15.9	13.6	14.4	27.6	26.2	26.9
11	10.4	9.5	10.0	15.9	14.4	15.3	14.2	12.8	13.4	27.8	26.7	27.3
12	10.5	9.7	10.1	17.0	15.2	16.1	14.3	12.6	13.5	27.6	26.6	27.0
13	10.4	9.6	10.1	17.2	16.1	16.7	15.6	13.6	14.5	26.7	25.7	26.3
14	10.2	9.9	10.1	17.1	16.3	16.7	16.8	15.0	16.0	25.7	24.7	25.5
15	11.3	10.0	10.6	16.5	14.8	15.6	18.0	16.5	17.3	24.9	24.1	24.5
16	11.3	10.6	11.1	15.6	14.7	15.1	18.9	17.4	18.2	24.9	23.7	24.4
17	10.7	9.9	10.4	15.5	14.8	15.2	19.4	18.0	18.7	24.8	24.2	24.5
18	10.1	9.7	9.9	16.0	14.9	15.4	---	---	---	24.8	23.9	24.3
19	10.4	9.2	9.8	16.9	15.5	16.1	20.3	19.8	20.0	24.5	22.8	23.6
20	11.0	9.9	10.4	18.3	16.5	17.3	21.1	19.4	20.2	23.5	21.6	22.8
21	11.9	10.7	11.1	19.6	17.9	18.8	21.4	19.9	20.7	23.4	22.0	22.7
22	13.2	11.4	12.2	20.1	18.4	19.1	22.0	20.7	21.3	23.1	22.1	22.6
23	13.5	12.6	13.0	19.5	18.6	19.0	21.6	20.3	21.1	22.9	21.7	22.1
24	13.9	12.5	13.1	19.2	18.0	18.7	21.3	20.1	20.9	22.9	21.2	22.2
25	14.2	12.7	13.5	19.4	17.8	18.7	21.0	19.9	20.5	23.3	21.9	22.6
26	14.1	13.1	13.5	19.4	17.9	18.9	20.7	19.3	20.1	23.7	22.8	23.3
27	13.6	12.1	12.8	19.3	18.6	19.0	21.1	19.5	20.2	24.3	23.5	23.8
28	12.3	11.4	12.0	19.4	18.6	19.0	21.5	19.9	20.6	24.8	23.4	24.0
29	---	---	---	20.6	19.2	19.9	22.2	20.5	21.2	25.1	23.9	24.3
30	---	---	---	---	---	---	23.2	21.3	22.0	25.5	23.9	24.5
31	---	---	---	18.7	16.9	18.0	---	---	---	25.6	24.2	24.8
MONTH	14.2	6.8	10.6	---	---	---	---	---	---	27.8	21.2	24.2

ASHLEY RIVER BASIN

02172084 ASHLEY RIVER AT BAKERS LANDING NEAR NORTH CHARLESTON, SC--Continued

Temperature, water, degrees Celsius
 WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	26.1	24.8	25.3	27.1	26.4	26.7	27.1	25.9	26.6	30.0	28.3	29.2
2	26.0	24.7	25.3	26.9	25.8	26.4	27.6	25.8	26.8	30.0	28.2	29.1
3	25.5	24.8	25.0	27.2	25.6	26.6	27.6	26.3	27.0	29.9	28.3	29.1
4	25.2	24.5	24.8	28.2	26.6	27.4	27.8	26.2	27.1	29.9	28.3	29.1
5	25.8	24.3	25.1	28.7	27.3	28.0	27.9	26.6	27.3	29.3	26.9	28.4
6	25.8	25.3	25.6	29.2	27.9	28.5	28.4	26.9	27.5	28.2	24.2	26.6
7	26.3	25.4	25.8	29.3	28.4	28.9	28.3	26.7	27.5	25.5	23.2	24.3
8	26.6	25.6	26.1	29.9	28.5	29.2	---	---	---	24.3	22.7	23.3
9	27.4	25.9	26.7	30.5	29.2	29.9	28.7	27.0	27.6	24.0	22.4	23.1
10	28.1	26.7	27.5	30.4	28.1	29.8	28.9	27.2	27.9	23.3	22.8	23.1
11	29.0	27.4	28.1	30.3	28.0	28.9	28.7	27.5	28.0	23.0	22.2	22.5
12	29.2	27.9	28.5	30.1	28.1	28.9	28.6	27.1	27.9	22.5	21.7	22.0
13	29.1	27.9	28.4	29.2	27.9	28.4	28.5	27.0	27.7	22.9	21.2	22.1
14	29.2	27.1	28.0	28.3	26.9	27.6	28.5	26.1	27.4	23.0	21.7	22.5
15	29.4	26.9	28.1	28.3	26.1	27.1	28.4	26.7	27.6	23.6	22.0	22.8
16	29.2	27.5	28.5	28.5	26.3	27.5	28.3	27.0	27.7	24.3	23.0	23.5
17	29.1	27.1	27.7	28.8	27.1	28.1	28.2	26.3	27.4	24.1	23.2	23.7
18	28.3	26.3	27.2	28.8	27.7	28.3	28.4	26.7	27.5	23.7	22.9	23.4
19	27.7	25.5	26.7	29.3	27.5	28.4	28.1	26.9	27.5	24.5	22.9	23.6
20	27.6	26.0	26.9	28.9	27.2	28.3	28.0	26.5	27.3	24.7	23.4	24.0
21	27.2	25.4	26.4	29.4	27.8	28.5	27.8	26.4	27.1	25.4	23.8	24.5
22	26.0	24.0	25.1	29.4	27.7	28.5	27.6	26.0	26.8	25.6	24.2	24.9
23	25.3	23.8	24.8	28.6	26.9	27.9	28.3	26.6	27.3	25.7	24.6	25.1
24	25.4	24.1	25.0	27.2	25.0	26.4	28.5	27.4	27.7	25.8	24.4	25.0
25	26.2	24.4	25.3	26.0	24.8	25.3	28.2	27.3	27.6	25.8	24.1	24.8
26	26.9	24.9	25.7	25.4	24.5	25.0	28.6	27.1	27.8	25.4	24.3	24.7
27	27.3	25.5	26.2	26.0	24.9	25.3	29.1	27.6	28.3	25.4	24.0	24.7
28	27.2	25.8	26.5	25.9	25.0	25.5	29.3	28.0	28.6	25.6	24.3	25.0
29	27.0	25.9	26.4	26.6	25.1	25.7	29.6	28.2	29.0	25.4	23.8	24.2
30	27.4	25.7	26.5	27.4	25.4	26.2	29.7	28.2	29.1	24.1	22.2	23.0
31	---	---	---	27.0	25.7	26.4	29.8	28.1	29.1	---	---	---
MONTH	29.4	23.8	26.4	30.5	24.5	27.5	---	---	---	30.0	21.2	24.7

02172084 ASHLEY RIVER AT BAKERS LANDING NEAR NORTH CHARLESTON, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	4.1	3.5	3.8	5.5	4.3	4.9	7.9	7.5	7.6	9.1	8.1	8.7
2	4.0	3.5	3.7	5.6	4.4	5.0	8.1	7.5	7.8	8.5	7.6	8.1
3	3.9	3.5	3.7	5.6	4.8	5.2	8.2	7.8	8.0	8.4	7.5	7.9
4	4.0	3.4	3.7	5.6	5.0	5.3	8.7	7.9	8.3	8.5	7.7	8.1
5	3.9	3.4	3.7	5.8	5.1	5.4	9.0	8.4	8.7	8.5	8.0	8.3
6	4.1	3.1	3.7	6.0	5.5	5.7	9.2	8.6	8.9	8.8	8.3	8.5
7	4.3	3.2	3.7	6.2	5.6	5.8	9.3	8.8	9.1	9.1	8.6	8.8
8	3.9	3.7	3.8	6.2	5.6	5.9	9.4	8.9	9.2	9.4	8.8	9.2
9	4.0	3.5	3.8	6.2	5.7	5.9	9.5	9.1	9.3	9.4	9.1	9.3
10	4.1	3.7	3.9	6.1	5.6	5.8	9.5	9.3	9.4	9.3	8.8	9.1
11	4.7	4.0	4.3	6.0	5.6	5.8	9.5	9.2	9.3	9.0	8.5	8.8
12	4.3	3.8	4.1	5.8	5.5	5.6	9.3	9.0	9.1	8.9	8.3	8.7
13	4.0	3.5	3.8	5.9	5.5	5.7	9.2	8.8	9.0	8.9	8.1	8.5
14	4.1	3.4	3.7	5.7	5.3	5.5	9.0	8.6	8.9	8.8	8.1	8.5
15	4.4	3.5	4.0	5.6	5.2	5.4	9.0	8.4	8.8	8.7	8.3	8.4
16	4.4	3.7	4.1	5.5	5.2	5.3	8.9	8.2	8.6	8.8	8.4	8.7
17	4.6	3.9	4.2	6.2	5.3	5.6	8.9	8.1	8.5	9.3	8.8	9.0
18	4.8	4.2	4.5	6.2	5.7	6.0	9.0	8.2	8.6	9.5	8.9	9.2
19	5.0	4.4	4.7	6.4	5.8	6.1	8.9	8.3	8.5	9.9	9.3	9.6
20	5.0	4.6	4.8	6.6	6.0	6.2	8.8	8.2	8.4	10.2	9.5	9.8
21	4.9	4.5	4.7	6.6	6.0	6.3	8.5	8.0	8.3	10.2	9.7	9.9
22	5.1	4.4	4.8	6.7	6.2	6.4	8.4	7.7	8.1	10.1	9.7	9.9
23	5.3	4.6	5.0	6.9	6.2	6.5	8.4	7.6	8.0	10.3	9.9	10.0
24	5.4	4.7	5.1	6.7	6.1	6.4	8.4	7.6	8.0	10.7	10.1	10.3
25	5.6	4.9	5.2	6.6	6.3	6.4	8.3	7.6	7.9	10.7	10.2	10.3
26	5.5	4.8	5.1	6.7	6.3	6.5	8.1	7.7	7.8	10.5	10.2	10.3
27	5.4	4.8	5.0	6.8	6.4	6.6	8.5	7.7	8.0	10.6	10.3	10.4
28	5.2	4.5	4.8	7.1	6.6	6.8	8.8	8.1	8.5	10.6	10.4	10.4
29	5.3	4.3	4.8	7.4	6.8	7.1	9.2	8.3	8.7	10.5	10.4	10.4
30	5.3	4.2	4.7	7.8	7.3	7.4	9.2	8.3	8.9	10.6	10.2	10.4
31	5.4	4.3	4.8	---	---	---	9.2	8.7	9.0	10.4	10.1	10.2
MONTH	5.6	3.1	4.3	7.8	4.3	6.0	9.5	7.5	8.6	10.7	7.5	9.3

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	10.3	10.0	10.1	8.2	7.8	8.0	5.5	5.0	5.3	3.9	3.5	3.7
2	10.3	9.9	10.1	8.3	7.8	8.0	---	---	---	3.9	3.6	3.7
3	10.2	9.7	10	8.3	7.6	7.9	---	---	---	3.8	3.5	3.6
4	10.1	9.6	9.8	7.7	7.3	7.5	6.0	5.4	5.7	4.0	3.3	3.6
5	9.8	9.4	9.6	7.5	7.0	7.2	5.9	5.4	5.6	4.0	3.4	3.7
6	9.7	9.3	9.5	7.2	6.6	6.8	5.6	5.3	5.4	4.0	3.5	3.7
7	9.7	9.2	9.3	6.9	6.3	6.6	5.8	5.3	5.5	3.9	3.4	3.6
8	9.4	9.1	9.2	6.8	6.5	6.6	5.6	5.3	5.5	3.7	3.0	3.3
9	9.4	9.0	9.2	6.6	6.1	6.3	7.1	5.6	6.3	3.5	2.8	3.1
10	9.4	8.9	9.1	6.3	6.0	6.1	7.2	6.1	6.8	3.3	2.8	3.1
11	9.3	8.9	9.1	6.3	5.9	6.1	7.3	6.8	7.0	3.4	2.8	3.1
12	9.3	8.9	9.1	6.2	5.8	6.0	7.2	6.8	7.0	3.8	3.0	3.4
13	9.3	8.9	9.1	6.0	5.6	5.9	6.9	6.3	6.7	4.2	3.5	3.6
14	9.3	8.9	9.1	5.8	5.5	5.7	6.4	5.9	6.2	4.3	3.4	3.7
15	9.2	8.7	9.0	6.1	5.8	6.0	6.0	5.5	5.8	4.3	3.4	3.7
16	9.5	8.5	8.8	6.3	6.0	6.1	5.6	5.2	5.4	4.3	3.4	3.7
17	9.1	8.4	8.7	6.3	6.0	6.1	5.4	4.8	5.1	4.6	3.5	3.8
18	8.9	8.5	8.7	6.2	6.0	6.1	---	---	---	4.8	3.6	4.0
19	9.1	8.6	8.8	6.1	5.9	6.0	5.2	4.2	4.6	5.0	4.2	4.4
20	9.0	8.6	8.8	6.4	5.8	6.1	4.8	4.0	4.3	4.6	4.2	4.4
21	9.4	8.5	9.0	6.0	4.9	5.3	4.7	3.9	4.2	4.5	4.1	4.3
22	9.5	8.7	9.0	5.2	4.7	4.9	4.6	3.7	4.0	4.5	4.1	4.3
23	9.0	8.4	8.7	4.8	4.4	4.5	4.3	3.8	4.1	5.6	4.4	5.0
24	8.8	8.1	8.4	4.7	4.3	4.5	4.2	3.8	4.0	5.3	4.6	4.9
25	8.5	7.7	8.1	4.6	4.3	4.5	4.3	3.8	4.1	4.8	4.4	4.6
26	8.5	7.4	7.9	4.7	4.2	4.4	4.4	4.0	4.1	4.5	4.2	4.3
27	8.4	7.4	7.8	4.5	4.3	4.4	4.1	3.8	3.9	4.3	3.8	4.0
28	8.2	7.7	7.9	4.7	4.3	4.5	4.1	3.7	3.9	3.9	3.6	3.7
29	---	---	---	4.6	4.2	4.4	4.0	3.8	3.9	4.1	3.6	3.8
30	---	---	---	---	---	---	3.8	3.6	3.7	4.2	3.7	3.8
31	---	---	---	5.3	4.6	4.9	---	---	---	4.5	3.7	4.0
MONTH	10.3	7.4	9.0	---	---	---	---	---	---	5.6	2.8	3.9

ASHLEY RIVER BASIN

02172084 ASHLEY RIVER AT BAKERS LANDING NEAR NORTH CHARLESTON, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	4.4	3.8	4.1	3.3	2.9	3.1	4.4	3.6	3.9	4.3	3.4	3.9
2	4.2	3.7	4.0	4.0	3.0	3.5	4.0	3.5	3.8	4.2	3.5	3.9
3	4.2	3.6	3.9	3.9	3.4	3.6	4.0	3.6	3.7	4.1	3.6	3.8
4	4.7	3.8	4.1	3.7	3.2	3.5	3.8	3.4	3.6	4.0	3.5	3.8
5	4.5	3.7	4.1	3.6	3.2	3.4	3.7	3.2	3.5	4.3	3.5	3.9
6	4.1	3.6	3.8	3.7	3.1	3.4	4.0	3.1	3.5	4.8	3.6	4.2
7	4.0	3.5	3.8	3.7	3.2	3.4	3.9	3.1	3.5	4.8	4.1	4.5
8	4.2	3.7	3.9	3.8	3.1	3.4	---	---	---	4.8	4.2	4.6
9	4.0	3.5	3.8	3.8	2.9	3.3	3.7	2.8	3.4	5.0	4.3	4.7
10	4.0	3.4	3.6	4.1	2.5	3.2	3.8	2.9	3.4	4.9	4.3	4.5
11	4.0	3.3	3.5	4.2	3.0	3.4	3.8	2.8	3.3	4.8	4.4	4.6
12	4.0	3.1	3.4	3.6	2.9	3.2	3.9	2.8	3.4	5.0	4.4	4.7
13	4.3	3.0	3.4	3.8	2.8	3.2	3.9	2.9	3.4	5.0	4.6	4.8
14	3.6	2.8	3.1	3.9	2.8	3.3	4.0	3.1	3.6	5.0	4.6	4.7
15	3.6	2.7	3.0	3.8	3.0	3.4	4.0	3.4	3.7	4.8	4.4	4.6
16	3.3	2.5	2.9	3.9	3.1	3.6	3.8	3.4	3.6	4.6	4.2	4.3
17	3.5	2.4	3.0	4.0	3.2	3.6	4.0	3.5	3.7	4.7	4.2	4.4
18	3.3	2.6	3.0	4.0	3.3	3.7	4.0	3.5	3.7	5.0	4.5	4.7
19	3.7	2.6	3.3	4.2	3.3	3.8	3.9	3.3	3.6	5.0	4.4	4.7
20	3.5	3.0	3.3	4.1	3.4	3.8	4.0	3.3	3.7	4.7	4.2	4.4
21	3.4	3.0	3.2	4.0	3.3	3.6	4.4	3.4	3.8	4.5	4.1	4.3
22	3.3	3.0	3.1	4.0	3.3	3.6	4.4	3.7	4.0	4.4	4.2	4.3
23	3.3	2.9	3.1	4.4	3.6	3.9	4.0	3.6	3.8	4.4	4.1	4.2
24	3.3	2.9	3.1	4.9	3.9	4.3	3.8	3.4	3.5	4.4	4.0	4.2
25	3.4	2.8	3.1	4.8	4.0	4.4	3.8	3.3	3.6	4.4	4.1	4.2
26	3.8	2.9	3.2	5.0	4.2	4.5	4.0	3.3	3.6	4.3	4.0	4.2
27	3.7	3.1	3.2	5.0	4.1	4.4	3.9	3.1	3.6	4.3	4.0	4.1
28	3.5	3.0	3.2	4.8	4.0	4.4	3.9	3.2	3.5	4.3	4.0	4.2
29	3.6	3.1	3.3	4.8	3.9	4.3	4.0	3.2	3.6	4.7	4.1	4.4
30	3.4	3.0	3.2	4.6	3.8	4.1	4.1	3.3	3.7	4.9	4.4	4.6
31	---	---	---	4.5	3.6	3.9	4.3	3.4	3.8	---	---	---
MONTH	4.7	2.4	3.4	5.0	2.5	3.7	---	---	---	5.0	3.4	4.3

EDISTO RIVER BASIN

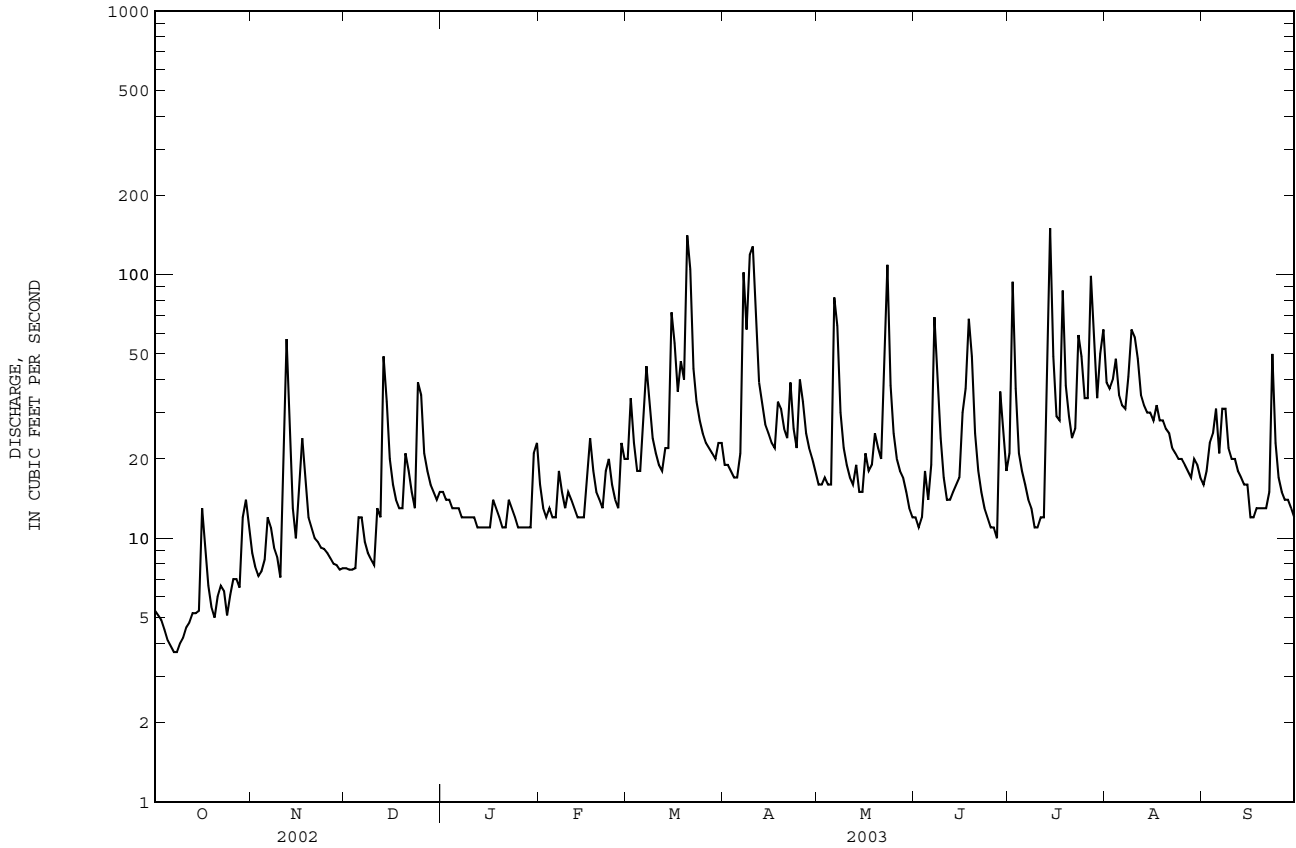
02172300 McTIER CREEK NEAR MONETTA, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR	FOR 2003 WATER YEAR	WATER YEARS 1996 - 2003	
ANNUAL TOTAL	3101.8	8425.6	19.5	
ANNUAL MEAN	8.50	23.1	26.5	1996
HIGHEST ANNUAL MEAN			7.18	2002
LOWEST ANNUAL MEAN			248	Mar 7 1996
HIGHEST DAILY MEAN	57 Nov 12	e 150 Jul 14	1.4 a	Aug 11 2002
LOWEST DAILY MEAN	1.4 a Aug 11	3.7 b Oct 7	1.5	Aug 10 2002
ANNUAL SEVEN-DAY MINIMUM	1.5 Aug 10	4.0 Oct 4	536	Mar 7 1996
MAXIMUM PEAK FLOW		Unknown	7.48	Mar 7 1996
MAXIMUM PEAK STAGE		Unknown	1.27	
ANNUAL RUNOFF (CFSM)	0.56	1.51	17.31	
ANNUAL RUNOFF (INCHES)	7.54	20.49	42	
10 PERCENT EXCEEDS	16	42	35	
50 PERCENT EXCEEDS	7.3	17	17	
90 PERCENT EXCEEDS	1.8	7.9	4.8	

a Also occurred Aug. 13, 2002.

b Also occurred Oct. 8

e Estimated

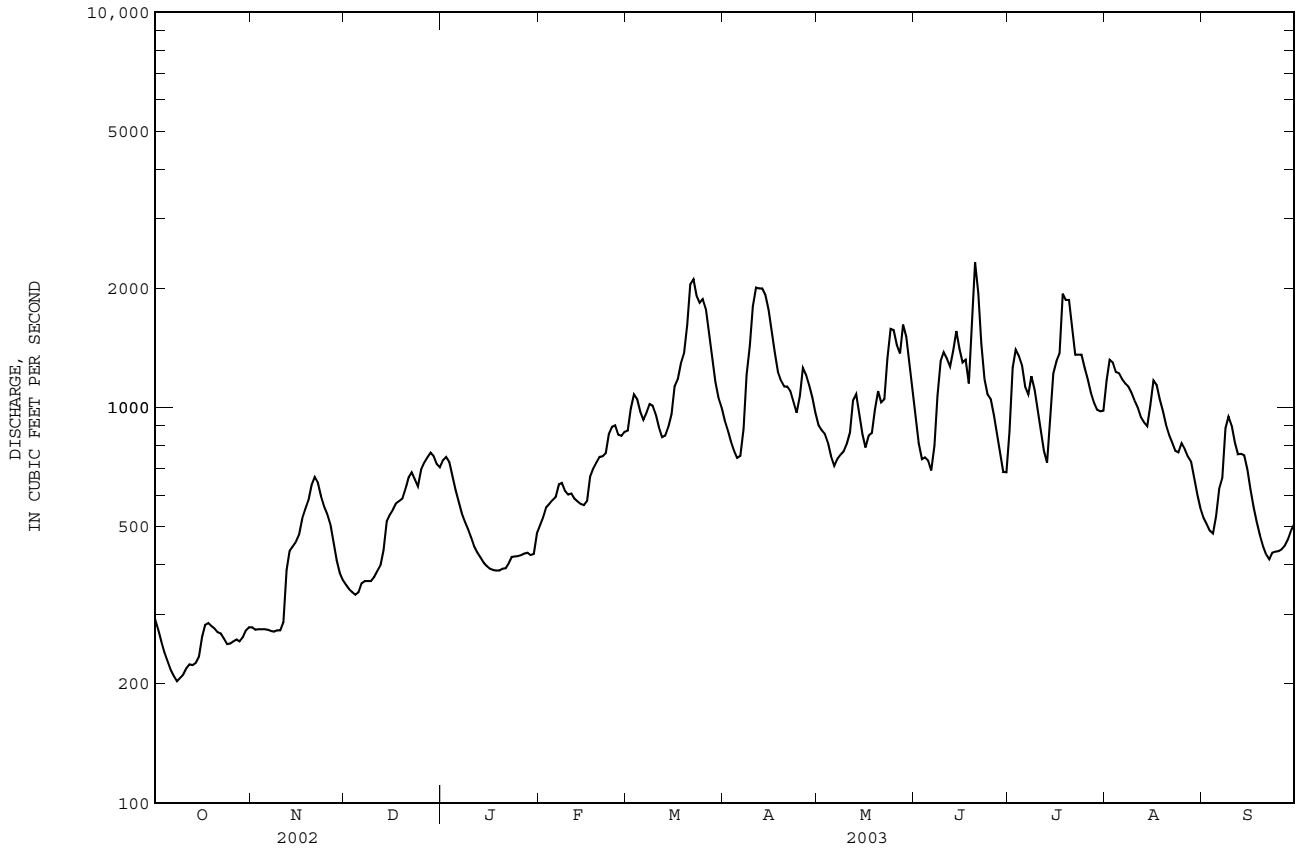


EDISTO RIVER BASIN

02173000 SOUTH FORK EDISTO RIVER NEAR DENMARK, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1931 - 2003	
ANNUAL TOTAL	119915		298370		752	
ANNUAL MEAN	329		817		1468	
HIGHEST ANNUAL MEAN					301	
LOWEST ANNUAL MEAN					12700	
HIGHEST DAILY MEAN	769	Dec 28	2330	Jun 20	110	Apr 11 1936
LOWEST DAILY MEAN	110	Aug 14	203	Oct 8	113	Aug 14 2002
ANNUAL SEVEN-DAY MINIMUM	113	Aug 12	213	Oct 6	113	Aug 12 2002
MAXIMUM PEAK FLOW			2380	Jun 20	a 13500	Apr 11 1936
MAXIMUM PEAK STAGE			7.35	Jun 20	10.91	Apr 11 1936
ANNUAL RUNOFF (CFSM)	0.46		1.14		1.04	
ANNUAL RUNOFF (INCHES)	6.20		15.42		14.20	
10 PERCENT EXCEEDS	553		1370		1330	
50 PERCENT EXCEEDS	283		755		627	
90 PERCENT EXCEEDS	140		278		331	

a From rating curve extended above 7,100 ft³/s on basis of velocity-area studies.



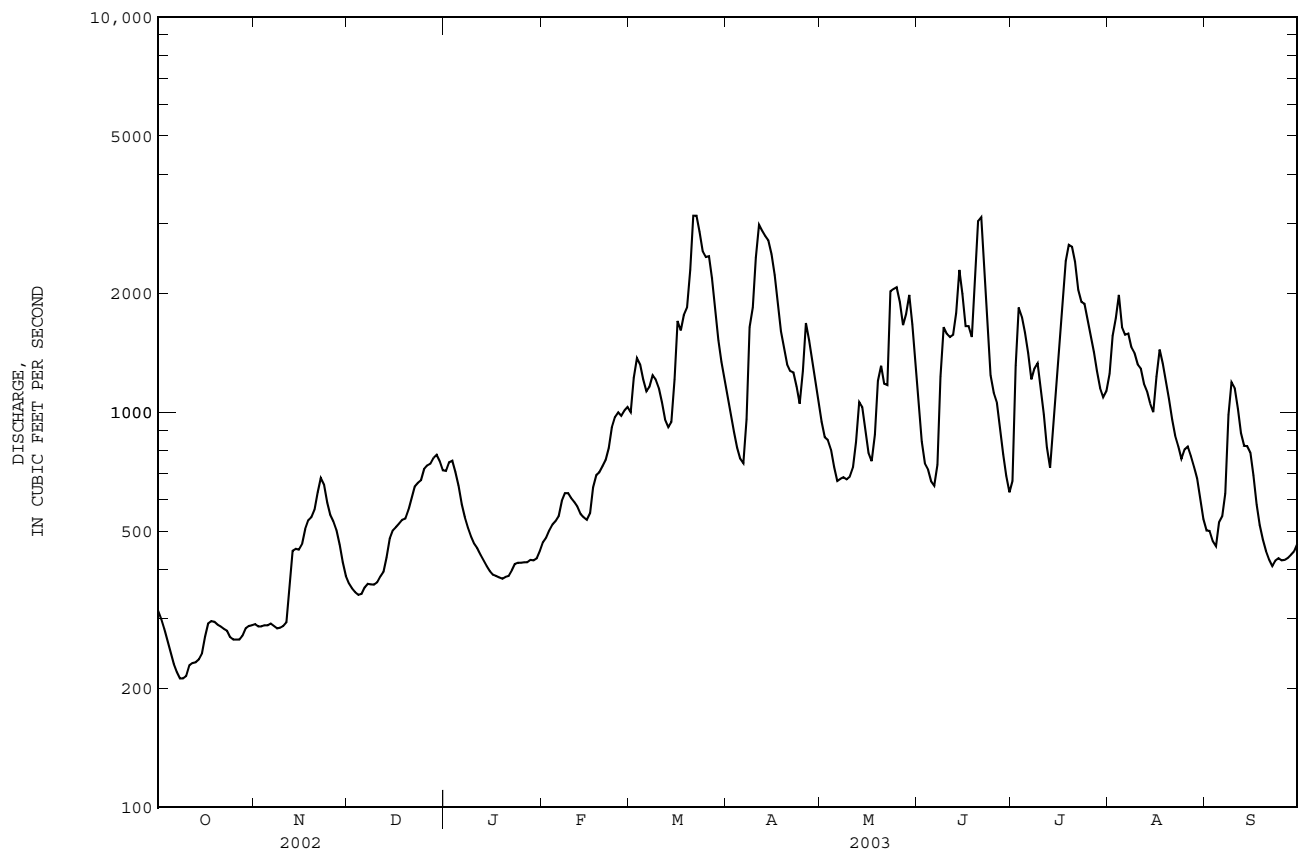
EDISTO RIVER BASIN

02173030 SOUTH FORK EDISTO RIVER NEAR COPE, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1991 - 2003	
ANNUAL TOTAL	120902		348762		749	
ANNUAL MEAN	331		956		1226	
HIGHEST ANNUAL MEAN					304	
LOWEST ANNUAL MEAN					1226	
HIGHEST DAILY MEAN	780	Dec 29	3140	a Mar 21	6510	May 9 1998
LOWEST DAILY MEAN	87	Aug 14	212	b Oct 8	87	Aug 14 2002
ANNUAL SEVEN-DAY MINIMUM	91	Aug 12	222	Oct 6	91	Aug 12 2002
MAXIMUM PEAK FLOW			3380		c Jun 20	7610
MAXIMUM PEAK STAGE			9.97		c Jun 20	10.86
ANNUAL RUNOFF (CFSM)	0.44		1.26		0.99	
ANNUAL RUNOFF (INCHES)	5.94		17.14		13.44	
10 PERCENT EXCEEDS	548		1850		1310	
50 PERCENT EXCEEDS	295		751		624	
90 PERCENT EXCEEDS	123		292		289	

a Also occurred Mar. 22.
 b Also occurred Oct. 9.
 c Also occurred Jun. 21.

e Estimated



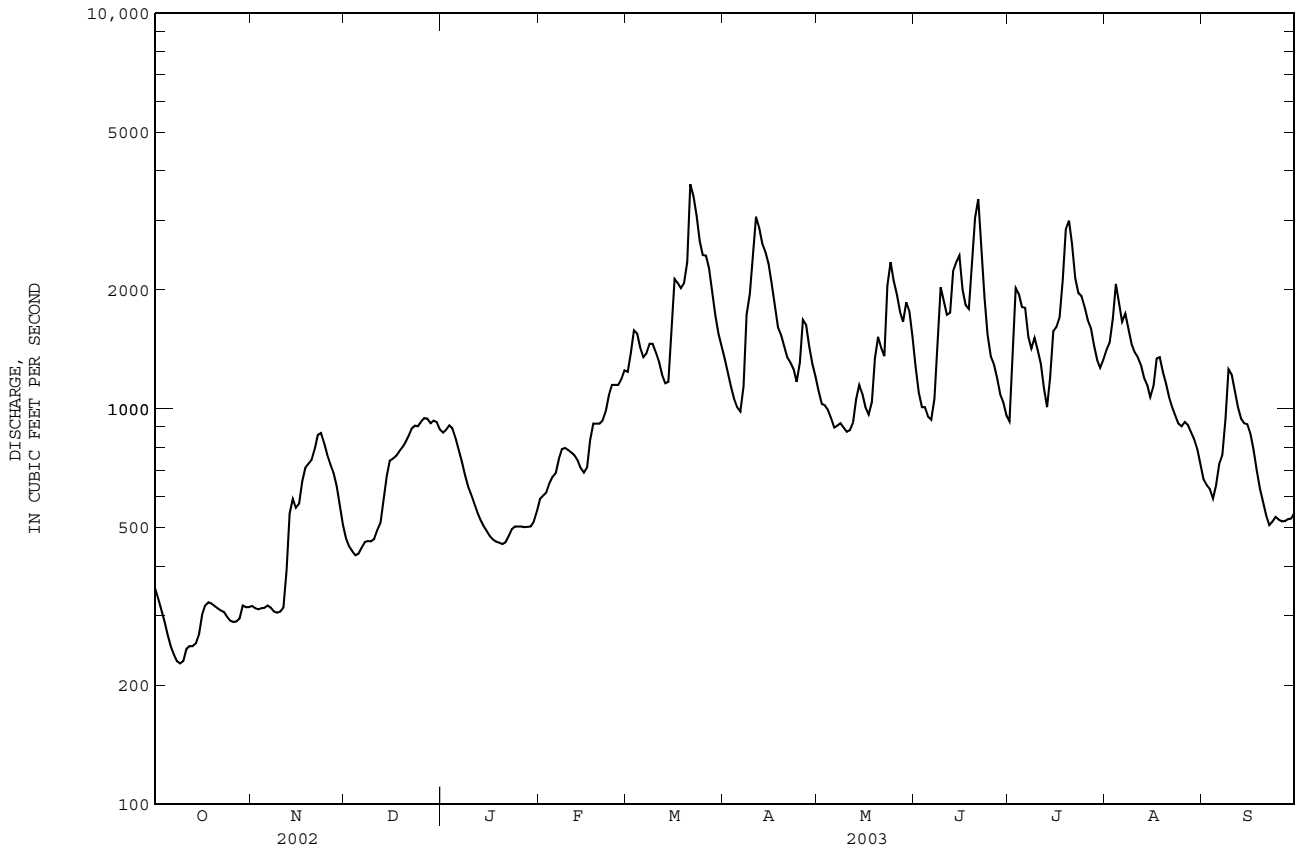
EDISTO RIVER BASIN

02173051 SOUTH FORK EDISTO RIVER NEAR BAMBERG, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1991 - 2003	
ANNUAL TOTAL	142018		399916		984	
ANNUAL MEAN	389		1096		1585	
HIGHEST ANNUAL MEAN					344	
LOWEST ANNUAL MEAN					8080	
HIGHEST DAILY MEAN	947	Dec 26	3700	Mar 21	110	May 9 1998
LOWEST DAILY MEAN	110	a Aug 14	227	Oct 9	113	a Aug 14 2002
ANNUAL SEVEN-DAY MINIMUM	113	Aug 13	239	Oct 6	113	Aug 13 2002
MAXIMUM PEAK FLOW			3980		8640	
MAXIMUM PEAK STAGE			12.03		13.71	
ANNUAL RUNOFF (CFSM)	0.48		1.36		1.22	
ANNUAL RUNOFF (INCHES)	6.55		18.43		16.57	
10 PERCENT EXCEEDS	725		2020		1750	
50 PERCENT EXCEEDS	318		938		854	
90 PERCENT EXCEEDS	142		318		313	

a Also occurred Aug. 15, 2002.

e Estimated

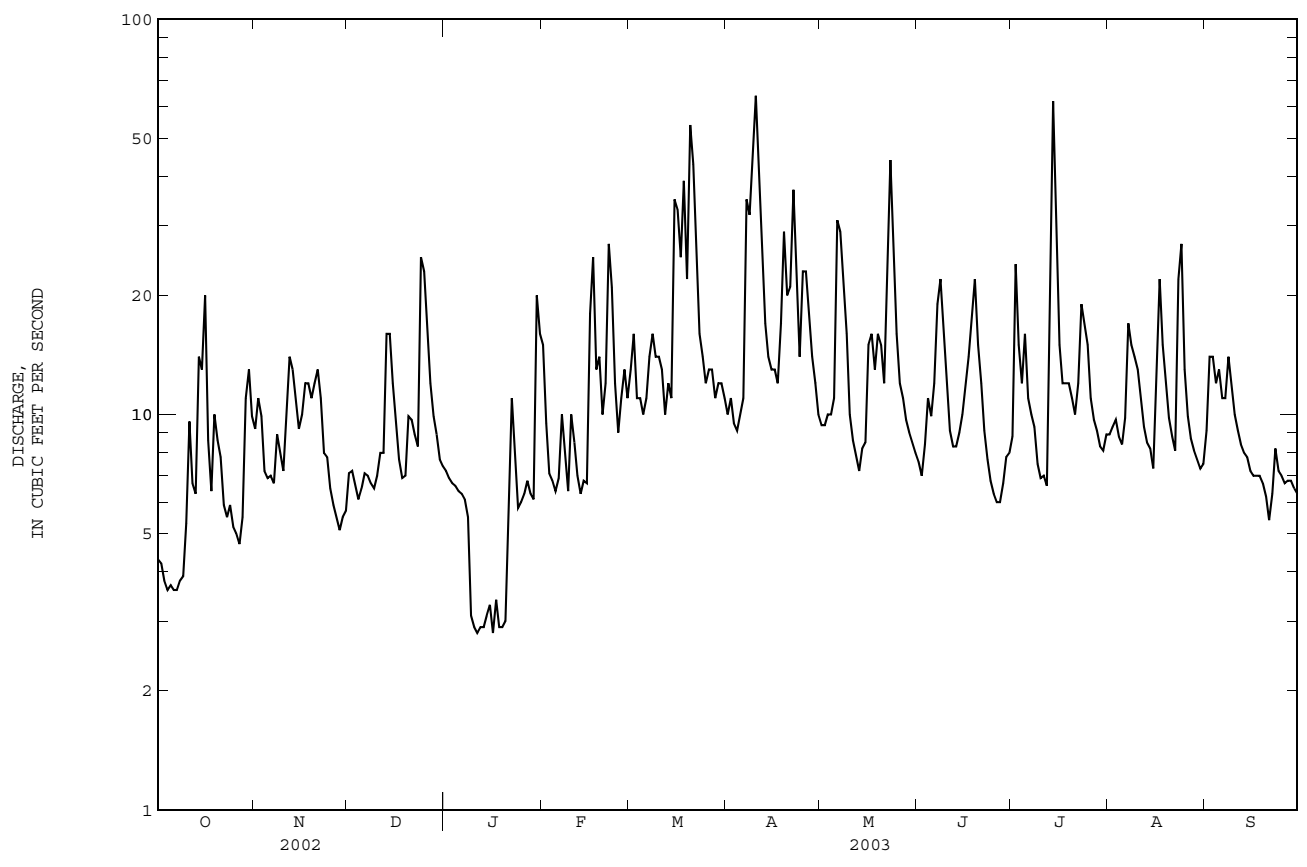


EDISTO RIVER BASIN

02173351 BULL SWAMP CREEK BELOW SWANSEA, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 2001 - 2003	
ANNUAL TOTAL	2361.3		4344.2			
ANNUAL MEAN	6.47		11.9		8.90	
HIGHEST ANNUAL MEAN					11.9 2003	
LOWEST ANNUAL MEAN					5.90 2002	
HIGHEST DAILY MEAN	36	Aug 17	64	Apr 10	e 80	Jun 13 2001
LOWEST DAILY MEAN	3.1	Jun 20	2.8	a Jan 11	2.8	Jan 11 2003
ANNUAL SEVEN-DAY MINIMUM	3.2	Aug 8	3.0	Jan 10	3.0	Jan 10 2003
MAXIMUM PEAK FLOW			84	b Jul 13	93	Aug 17 2002
MAXIMUM PEAK STAGE			4.43	Jul 14	4.85	Aug 17 2002
ANNUAL RUNOFF (CFSM)	0.19		0.35		0.26	
ANNUAL RUNOFF (INCHES)	2.55		4.70		3.52	
10 PERCENT EXCEEDS	11		22		15	
50 PERCENT EXCEEDS	5.4		9.8		6.8	
90 PERCENT EXCEEDS	3.3		5.9		3.5	

a Also occurred Jan. 16.
 b Also occurred Jul. 14.
 e Estimated



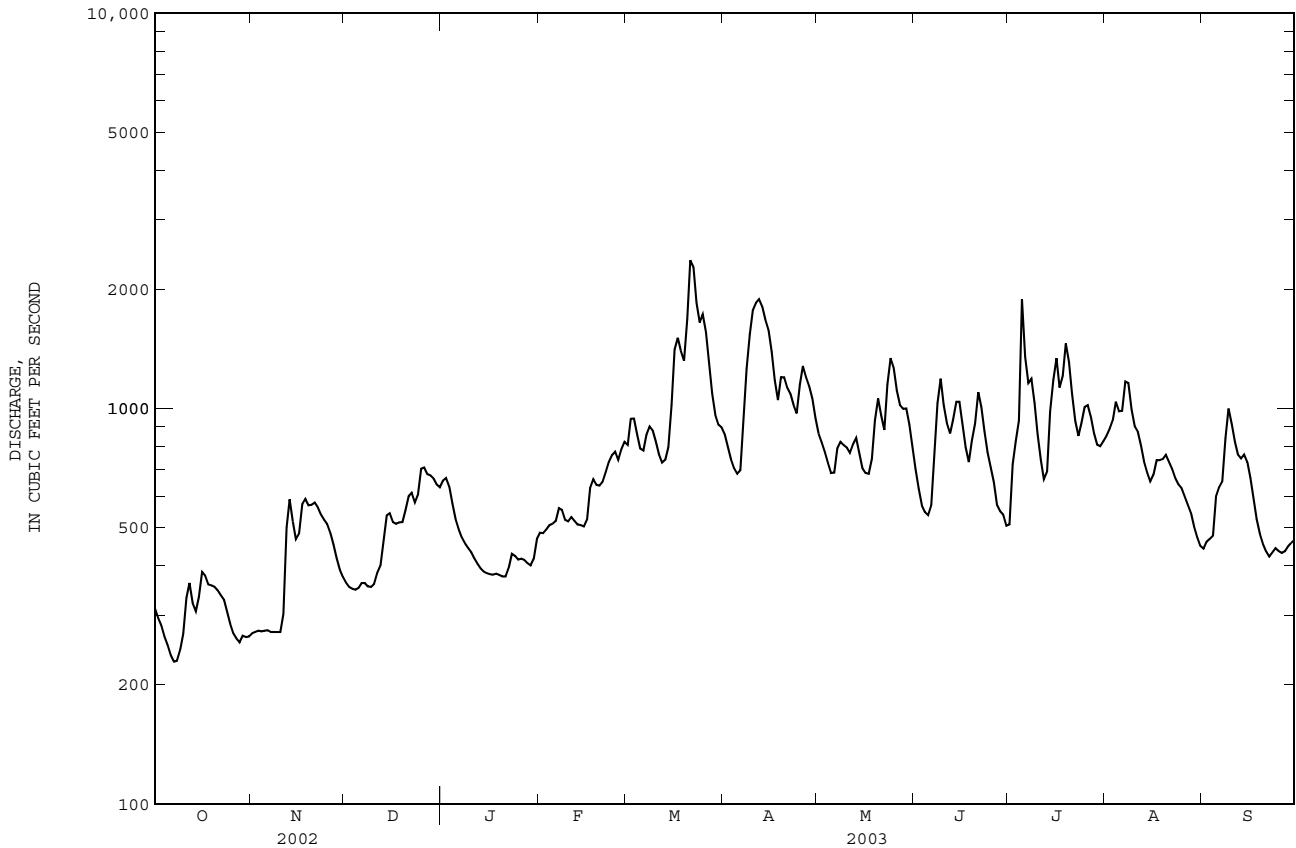
SANTEE RIVER BASIN

02173500 NORTH FORK EDISTO RIVER AT ORANGEBURG, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1939 - 2003	
ANNUAL TOTAL	120300		264147		765	
ANNUAL MEAN	330		724		1389	
HIGHEST ANNUAL MEAN					301	
LOWEST ANNUAL MEAN					1965	
HIGHEST DAILY MEAN	709	Dec 26	2370	Mar 21	8850	Sep 18 1945
LOWEST DAILY MEAN	113	Aug 13	229	Oct 7	113	Aug 13 2002
ANNUAL SEVEN-DAY MINIMUM	121	Aug 9	247	Oct 4	121	Aug 9 2002
MAXIMUM PEAK FLOW			2490	Mar 21	a 9500	Sep 18 1945
MAXIMUM PEAK STAGE			8.90	Mar 21	14.28	Sep 18 1945
INSTANTANEOUS LOW FLOW			221	Oct 8	109	Aug 13 2002
ANNUAL RUNOFF (CFSM)	0.48		1.06		1.12	
ANNUAL RUNOFF (INCHES)	6.55		14.39		15.22	
10 PERCENT EXCEEDS	519		1180		1270	
50 PERCENT EXCEEDS	334		667		662	
90 PERCENT EXCEEDS	154		348		366	

a From rating curve extended above 5,300 ft³/s by velocity-area studies.

e Estimated



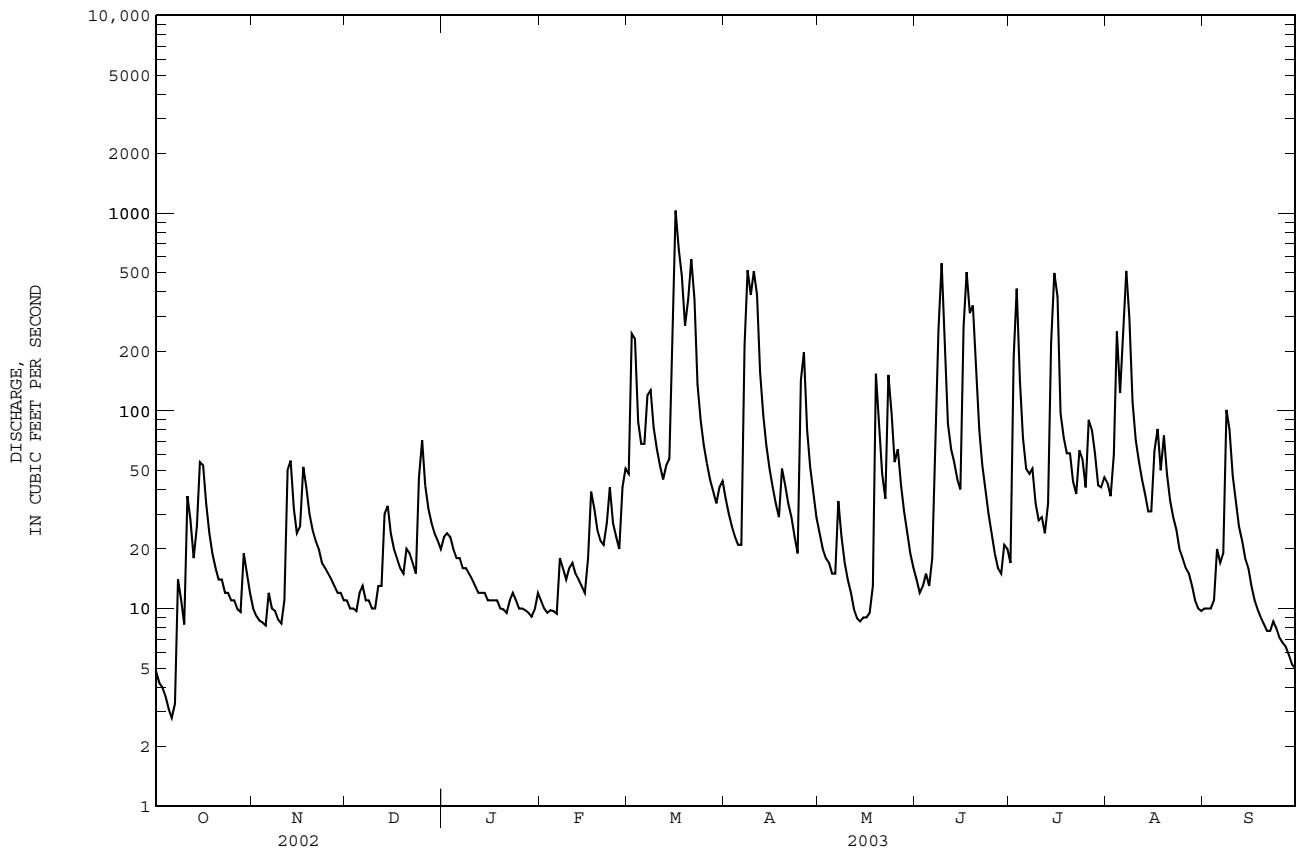
EDISTO RIVER BASIN

02174250 COW CASTLE CREEK NEAR BOWMAN, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR	FOR 2003 WATER YEAR	WATER YEARS 1971 - 2003	
ANNUAL TOTAL	2304.67	22699.8	21.6	
ANNUAL MEAN	6.31	62.2	62.2	2003
HIGHEST ANNUAL MEAN			2.41	2002
LOWEST ANNUAL MEAN			e 1030	Mar 16 2003
HIGHEST DAILY MEAN	71 Dec 25	e 1030 Mar 16	0.00 a	Jul 30 2002
LOWEST DAILY MEAN	0.00 a Jul 30	2.8 Oct 6	0.00 a	Jul 30 2002
ANNUAL SEVEN-DAY MINIMUM	0.00 Aug 8	3.7 Oct 1	0.00	Aug 8 2002
MAXIMUM PEAK FLOW		Unknown Mar 16	2340	Sep 4 1979
MAXIMUM PEAK STAGE		7.11 Mar 16	7.37	Sep 4 1979
ANNUAL RUNOFF (CFSM)	0.27	2.66	0.92	
ANNUAL RUNOFF (INCHES)	3.66	36.09	12.53	
10 PERCENT EXCEEDS	18	147	49	
50 PERCENT EXCEEDS	2.0	23	7.9	
90 PERCENT EXCEEDS	0.06	9.6	1.6	

a Also occurred July 31 and several days in August, 2002.

e Estimated



EDISTO RIVER BASIN

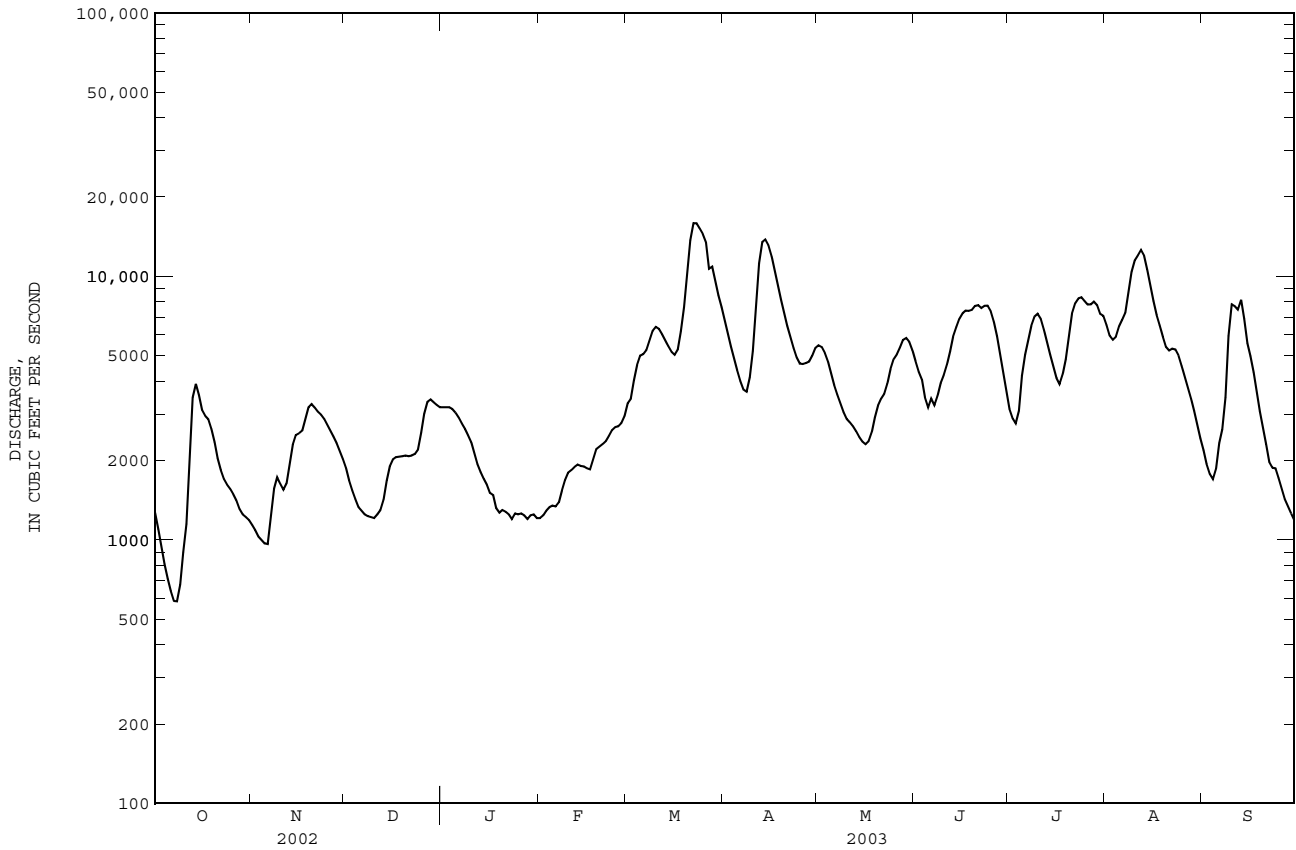
02175000 EDISTO RIVER NEAR GIVHANS, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1939 - 2003	
ANNUAL TOTAL	364688		1533299		2588	
ANNUAL MEAN	999		4201		5225	
HIGHEST ANNUAL MEAN					1960	
LOWEST ANNUAL MEAN					2002	
HIGHEST DAILY MEAN	3910	Oct 14	15900	b Mar 22	24100	Jun 14 1973
LOWEST DAILY MEAN	150	a Aug 17	585	Oct 8	150	a Aug 17 2002
ANNUAL SEVEN-DAY MINIMUM	156	Aug 13	702	Oct 4	156	Aug 13 2002
MAXIMUM PEAK FLOW			16300	Mar 23	24500	Jun 14 1973
MAXIMUM PEAK STAGE			14.42	Mar 23	15.84	Jun 14 1973
INSTANTANEOUS LOW FLOW			563	Oct 7	147	Aug 17 2002
ANNUAL RUNOFF (CFSM)	0.37		1.54		0.95	
ANNUAL RUNOFF (INCHES)	4.97		20.89		12.88	
10 PERCENT EXCEEDS	2080		7820		5460	
50 PERCENT EXCEEDS	941		3240		1770	
90 PERCENT EXCEEDS	214		1260		701	

a Also occurred Aug. 18, 2002.

b Also occurred Mar. 23.

e Estimated



SANTEE RIVER BASIN

02175000 EDISTO RIVER NEAR GIVHANS, SC--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	81	81	81	81	79	80	60	57	59	66	63	64
2	82	81	81	---	---	---	63	60	62	67	66	66
3	82	81	81	---	---	---	66	63	65	69	67	69
4	82	81	82	---	---	---	68	66	67	71	69	70
5	81	78	79	74	71	73	69	68	69	73	71	71
6	79	76	77	76	73	75	72	69	71	73	72	73
7	79	77	78	76	75	76	73	71	72	75	72	73
8	80	79	79	75	71	74	76	72	74	74	72	73
9	81	80	81	72	70	71	74	69	72	77	74	75
10	82	81	81	72	68	70	69	62	66	81	77	79
11	83	82	82	70	69	69	62	58	60	81	78	80
12	82	80	81	71	69	70	63	59	62	79	77	78
13	82	80	81	70	69	70	62	58	60	78	77	78
14	82	81	81	71	70	71	58	56	56	79	78	78
15	83	81	82	72	71	71	56	52	54	79	77	78
16	84	83	83	72	69	71	53	51	52	77	73	75
17	85	84	84	69	64	67	54	50	51	73	70	71
18	85	83	83	64	57	60	54	51	53	70	67	69
19	83	82	83	57	51	54	54	53	54	69	66	67
20	83	82	83	---	---	---	56	54	55	69	67	68
21	83	81	82	---	---	---	59	56	57	68	67	68
22	82	80	81	---	---	---	60	58	59	68	67	67
23	81	80	80	---	---	---	62	60	61	67	66	66
24	82	81	82	---	---	---	64	62	62	66	65	66
25	83	82	82	---	---	---	64	62	63	66	64	65
26	84	82	83	---	---	---	63	62	63	65	64	64
27	84	83	83	---	---	---	64	61	62	64	63	64
28	83	81	82	59	53	56	63	61	62	65	64	64
29	---	---	---	53	51	52	62	61	62	66	62	64
30	---	---	---	55	53	53	63	61	62	72	60	64
31	---	---	---	57	55	56	---	---	---	73	63	66
MONTH	85	76	81	---	---	---	76	50	62	81	60	70

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	73	60	66	77	65	71	75	70	72	---	---	---
2	73	64	67	78	65	74	79	71	73	81	75	76
3	71	65	67	83	66	76	78	69	72	78	71	75
4	---	---	---	76	64	71	74	67	71	80	73	75
5	---	---	---	74	61	67	78	69	73	80	71	75
6	77	62	70	66	59	64	75	66	72	81	65	71
7	74	62	69	74	61	66	73	61	68	68	58	62
8	68	64	66	71	67	69	71	62	66	60	49	55
9	74	60	65	72	65	69	71	61	67	51	41	46
10	68	59	66	68	65	66	72	62	67	49	41	43
11	69	61	66	69	60	66	68	56	62	51	40	47
12	70	55	63	75	66	68	63	56	60	---	---	---
13	65	55	62	76	63	70	65	56	63	---	---	---
14	73	56	65	76	64	70	70	64	65	---	---	---
15	68	62	66	78	69	72	71	66	67	67	57	63
16	68	63	65	78	67	73	72	66	68	71	66	68
17	72	56	64	76	66	71	73	62	68	77	65	71
18	70	61	64	70	60	65	69	62	66	79	72	74
19	64	60	62	68	54	61	70	67	68	75	70	74
20	66	56	63	72	55	65	70	64	68	77	70	74
21	75	62	65	73	61	66	73	62	68	79	73	76
22	70	60	67	67	58	65	69	63	68	85	73	79
23	75	60	68	65	57	62	70	66	68	85	72	76
24	67	63	65	64	61	62	73	62	68	81	72	74
25	72	56	64	70	60	63	73	67	68	80	72	75
26	71	55	63	69	58	64	75	63	69	80	75	79
27	66	57	64	66	61	64	75	68	72	86	77	81
28	73	61	66	---	---	---	78	68	74	85	78	81
29	69	61	67	---	---	---	78	70	74	85	77	82
30	77	66	69	---	---	---	77	68	73	90	78	84
31	---	---	---	76	63	71	78	69	74	---	---	---
MONTH	---	---	---	---	---	---	79	56	69	---	---	---

SANTEE RIVER BASIN

02175000 EDISTO RIVER NEAR GIVHANS, SC--Continued

pH, water, unfiltered, field, standard units
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	6.4	6.4	6.6	6.6	6.6	6.5	6.5	6.5	6.8	6.8	6.5	6.5
2	6.5	6.4	---	---	---	---	6.5	6.5	6.8	6.8	---	---
3	6.5	6.5	---	---	---	---	6.5	6.5	6.8	6.8	---	---
4	6.6	6.4	---	---	---	---	6.5	6.5	6.8	6.8	---	---
5	6.5	6.4	---	---	6.7	6.7	6.6	6.5	6.8	6.7	6.3	6.3
6	6.6	6.5	6.8	6.6	6.7	6.7	6.6	6.6	6.7	6.7	6.3	6.3
7	6.6	6.5	6.6	6.5	6.7	6.7	6.6	6.6	6.7	6.7	6.4	6.3
8	6.7	6.6	6.5	6.4	6.7	6.7	6.6	6.6	6.7	6.7	6.4	6.4
9	6.7	6.5	6.5	6.4	6.8	6.7	6.6	6.6	6.7	6.7	6.4	6.4
10	6.6	6.5	6.5	6.5	6.8	6.7	6.6	6.6	6.7	6.7	6.4	6.3
11	6.6	6.5	6.6	6.5	6.8	6.7	6.7	6.6	6.7	6.7	6.4	6.4
12	6.5	6.3	6.6	6.5	6.7	6.7	6.7	6.7	6.7	6.7	6.4	6.4
13	6.3	6.2	6.5	6.4	6.8	6.7	6.7	6.7	6.7	6.7	6.4	6.3
14	6.3	6.2	6.4	6.4	6.7	6.6	6.7	6.7	6.7	6.7	6.3	6.3
15	6.3	6.2	6.4	6.4	6.6	6.6	6.8	6.7	6.7	6.7	6.4	6.3
16	6.3	6.3	6.5	6.4	6.6	6.6	6.8	6.8	6.8	6.7	6.4	6.4
17	6.3	6.3	6.5	6.4	6.7	6.6	6.8	6.8	6.7	6.7	6.4	6.3
18	6.3	6.3	6.4	6.3	6.7	6.7	6.8	6.8	6.7	6.7	6.3	6.1
19	6.4	6.3	6.3	6.3	6.7	6.7	6.8	6.8	6.7	6.7	6.1	6.1
20	6.4	6.4	6.4	6.3	6.7	6.6	6.8	6.8	6.7	6.7	6.3	6.1
21	6.4	6.4	6.4	6.4	6.6	6.6	---	---	6.7	6.6	6.3	6.2
22	6.4	6.4	6.4	6.4	6.6	6.6	---	---	6.6	6.6	6.2	6.1
23	6.5	6.4	6.5	6.4	6.6	6.6	6.7	6.7	6.6	6.6	6.1	6.1
24	6.5	6.5	6.5	6.5	6.7	6.6	6.8	6.7	6.6	6.6	6.2	6.1
25	6.5	6.5	6.6	6.4	6.6	6.5	6.8	6.8	6.6	6.6	6.2	6.1
26	6.5	6.5	6.5	6.5	6.5	6.4	6.8	6.7	6.6	6.6	---	---
27	6.5	6.5	6.5	6.5	6.4	6.4	6.8	6.8	6.6	6.6	---	---
28	6.6	6.5	6.5	6.5	6.5	6.4	6.8	6.7	6.6	6.5	6.2	6.1
29	6.6	6.6	6.5	6.5	6.5	6.5	6.8	6.8	---	---	6.2	6.1
30	6.6	6.6	6.5	6.5	6.5	6.5	6.8	6.7	---	---	6.2	6.1
31	6.6	6.6	---	---	6.5	6.5	6.8	6.7	---	---	6.2	6.2
MONTH	6.7	6.2	---	---	---	---	---	---	6.8	6.5	---	---

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	6.2	6.2	6.2	6.1	6.1	6.0	6.3	6.2	6.5	6.3	---	---
2	6.3	6.2	6.2	6.1	6.0	6.0	6.3	6.2	6.4	6.3	6.5	6.5
3	6.3	6.2	6.2	6.2	6.0	6.0	6.2	6.1	6.4	6.2	6.6	6.5
4	6.2	6.2	6.2	6.2	---	---	6.2	6.0	6.4	6.2	6.6	6.5
5	6.2	6.2	6.2	6.2	---	---	6.1	6.0	6.4	6.2	6.6	6.5
6	6.3	6.2	6.2	6.2	6.4	6.3	6.1	6.1	6.3	6.1	6.5	6.4
7	6.3	6.2	6.4	6.2	6.4	6.4	6.2	6.1	6.3	6.2	6.5	6.4
8	6.3	6.3	6.4	6.4	6.4	6.3	6.3	6.2	6.4	6.3	6.5	6.3
9	6.3	6.3	6.4	6.3	6.3	6.0	6.2	6.2	6.4	6.2	6.3	5.9
10	6.3	6.2	6.3	6.3	6.1	5.9	6.3	6.2	6.4	6.2	6.2	5.9
11	6.2	6.1	6.3	6.3	6.0	5.9	6.2	6.2	6.3	6.2	6.3	6.1
12	6.4	6.1	6.4	6.3	6.0	5.9	6.2	6.2	6.3	6.1	---	---
13	6.4	6.3	6.4	6.3	6.2	6.0	6.2	6.2	6.2	6.1	---	---
14	6.3	6.3	6.4	6.4	6.3	6.2	6.3	6.2	6.3	6.1	---	---
15	6.3	6.2	6.4	6.4	6.3	6.3	6.2	6.2	6.3	6.1	6.5	6.2
16	6.2	6.1	6.4	6.4	6.4	6.3	6.3	6.2	6.4	6.3	6.4	6.3
17	6.1	6.1	6.4	6.3	6.3	6.3	6.3	6.2	6.4	6.3	6.5	6.4
18	6.1	6.1	6.3	6.2	6.3	6.3	6.2	6.1	6.4	6.3	6.5	6.4
19	6.1	6.0	6.3	6.2	6.3	6.2	6.1	6.0	6.4	6.2	6.4	6.3
20	6.1	6.0	6.2	6.2	6.3	6.1	6.2	6.0	6.3	6.1	6.3	6.3
21	6.2	6.1	6.2	6.2	6.2	6.2	6.2	6.1	6.3	6.2	6.3	6.3
22	6.2	6.0	6.3	6.2	6.3	6.2	6.2	6.1	6.4	6.3	6.4	6.3
23	6.1	6.1	6.3	6.2	6.3	6.2	6.2	6.1	6.4	6.3	6.4	6.3
24	6.2	6.1	6.2	6.2	6.3	6.2	6.3	6.1	6.4	6.3	6.3	6.3
25	6.2	6.2	6.2	6.2	6.2	6.2	6.3	6.1	6.4	6.3	6.6	6.3
26	6.2	6.2	6.2	6.2	6.3	6.2	6.3	6.3	6.5	6.3	6.5	6.4
27	6.2	6.2	6.2	6.2	6.3	6.2	6.3	6.3	6.5	6.5	6.6	6.4
28	6.2	6.1	6.2	6.2	6.3	6.2	---	---	6.6	6.5	6.4	6.3
29	6.1	6.1	6.2	6.0	6.3	6.2	---	---	6.5	6.4	6.5	6.4
30	6.1	6.0	6.1	6.0	6.3	6.1	---	---	6.5	6.4	6.5	6.4
31	---	---	6.0	6.0	---	---	6.4	6.3	6.5	6.5	---	---
MONTH	6.4	6.0	6.4	6.0	---	---	---	---	6.6	6.1	---	---

SANTEE RIVER BASIN

02175000 EDISTO RIVER NEAR GIVHANS, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	25.6	24.3	24.8	19.0	17.4	18.2	9.2	8.5	8.8	9.9	8.4	9.1			
2	25.8	24.3	25.0	---	---	---	---	---	---	10.1	9.8	10.0			
3	26.2	24.4	25.1	---	---	---	---	---	---	10.2	9.8	10.1			
4	26.3	24.6	25.3	---	---	---	---	---	---	9.8	8.7	9.2			
5	26.9	24.8	25.7	---	---	---	7.4	7.0	7.2	8.7	7.8	8.2			
6	27.3	25.2	26.1	17.1	15.8	16.4	7.9	7.0	7.3	8.1	7.5	7.9			
7	27.6	25.7	26.4	16.2	14.9	15.7	7.7	6.8	7.2	7.9	7.0	7.4			
8	26.1	24.0	25.2	14.9	13.7	14.2	7.2	6.3	6.8	7.1	6.3	6.8			
9	24.0	22.5	23.3	14.1	13.2	13.7	7.3	6.7	7.0	8.2	6.9	7.4			
10	23.0	21.7	22.4	15.3	14.0	14.6	7.4	7.1	7.3	9.4	8.2	8.8			
11	23.7	22.6	23.0	16.6	15.3	16.0	7.9	7.4	7.6	9.1	8.5	8.8			
12	23.7	22.8	23.2	17.5	16.6	17.1	8.4	7.8	8.1	8.6	7.6	8.0			
13	23.1	22.7	22.9	17.4	16.4	17.1	9.3	8.4	8.8	7.6	7.2	7.4			
14	22.9	21.4	22.3	16.4	14.5	15.4	9.5	8.9	9.2	7.5	6.6	7.1			
15	21.4	19.7	20.4	14.5	13.7	14.1	9.1	8.3	8.7	7.2	6.4	6.8			
16	19.7	18.8	19.2	14.6	14.0	14.3	8.5	7.7	8.1	6.6	5.8	6.3			
17	18.9	18.3	18.6	14.6	13.8	14.5	8.5	7.7	8.2	6.9	6.5	6.7			
18	18.5	17.5	17.9	13.8	12.1	12.9	8.9	8.3	8.6	6.5	5.3	5.9			
19	17.5	16.8	17.1	12.1	11.1	11.5	9.8	8.9	9.3	5.3	4.4	4.9			
20	17.8	16.8	17.3	11.7	11.1	11.4	11.1	9.8	10.5	5.6	4.1	4.8			
21	18.1	17.6	17.9	12.1	11.6	11.8	10.8	9.9	10.4	---	---	---			
22	18.1	18.0	18.1	12.4	11.9	12.1	9.9	9.1	9.6	---	---	---			
23	18.1	17.7	17.9	12.0	10.9	11.3	10.0	9.2	9.7	7.2	5.4	6.5			
24	18.0	17.7	17.9	10.9	10.1	10.4	10.1	9.6	9.8	5.4	4.1	4.6			
25	18.1	17.7	17.9	10.6	9.9	10.3	10.6	9.9	10.2	4.3	3.2	3.8			
26	18.3	17.9	18.1	10.8	10.1	10.5	9.9	8.4	9.1	5.1	3.9	4.4			
27	19.3	18.0	18.6	11.0	10.3	10.6	8.4	7.5	7.8	5.2	4.2	4.6			
28	20.0	19.0	19.5	10.7	9.6	10.2	7.5	6.6	7.0	5.0	3.7	4.4			
29	21.0	19.9	20.4	9.6	8.7	9.0	7.0	6.2	6.7	6.0	4.2	5.1			
30	21.2	20.6	20.8	9.2	8.5	8.8	7.2	6.4	6.8	7.3	6.0	6.6			
31	20.6	19.0	19.9	---	---	---	8.4	7.0	7.5	7.4	7.1	7.2			
MONTH	27.6	16.8	21.2	---	---	---	---	---	---	---	---	---			

DAY	MAX	MIN	MEAN	FEBRUARY			MARCH			APRIL			MAY		
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	8.4	7.2	7.7	10.4	10.0	10.1	15.7	14.6	15.0	20.1	19.6	19.9			
2	9.1	7.5	8.2	---	---	---	15.6	14.5	15.1	21.0	19.8	20.3			
3	9.6	8.2	8.9	---	---	---	16.4	15.2	15.8	20.9	20.5	20.8			
4	10.9	9.5	10.1	---	---	---	17.1	15.9	16.5	21.3	20.5	20.9			
5	10.8	9.6	10.2	13.4	12.2	12.6	18.3	16.9	17.5	21.2	20.7	21.0			
6	10.2	9.6	9.8	14.2	13.4	13.8	18.5	18.0	18.2	21.9	21.1	21.4			
7	9.6	9.0	9.3	14.2	13.6	14.0	18.6	18.2	18.4	22.4	21.5	22.0			
8	9.4	8.5	8.9	14.0	12.9	13.4	18.2	16.2	17.2	23.2	22.1	22.7			
9	9.1	8.2	8.6	14.2	13.7	13.9	16.2	14.5	15.3	23.9	22.8	23.4			
10	9.4	8.6	8.9	14.9	13.8	14.4	14.5	12.9	13.6	24.6	23.3	24.0			
11	9.5	8.3	8.9	15.4	14.3	14.8	12.9	12.2	12.4	24.7	24.0	24.4			
12	9.5	8.3	8.9	16.2	14.8	15.4	12.6	11.8	12.2	24.5	23.7	24.1			
13	9.5	8.3	9.0	16.3	15.8	16.1	13.5	12.5	13.0	23.7	22.5	23.0			
14	9.1	8.4	8.7	16.3	15.7	16.1	14.5	13.4	14.0	22.7	21.7	22.1			
15	10.3	8.5	9.4	15.7	14.1	14.9	15.7	14.5	15.1	21.7	20.9	21.2			
16	10.4	10.1	10.3	14.1	13.7	13.9	16.7	15.7	16.2	21.5	20.6	21.0			
17	10.1	8.8	9.4	13.8	13.5	13.6	17.5	16.6	17.0	21.4	20.9	21.1			
18	8.8	8.2	8.4	14.0	13.6	13.8	18.4	17.5	17.9	21.4	20.9	21.1			
19	8.5	7.5	8.1	14.7	13.9	14.2	18.5	18.3	18.4	21.2	20.3	20.8			
20	8.9	8.0	8.5	16.2	14.7	15.4	18.6	18.2	18.4	20.6	19.7	20.2			
21	9.9	8.9	9.3	17.2	16.2	16.7	18.8	18.2	18.5	20.4	19.8	20.1			
22	11.9	9.9	10.8	18.0	17.0	17.5	19.4	18.6	19.0	20.3	19.9	20.2			
23	12.9	11.8	12.3	18.0	17.6	17.8	19.2	18.3	18.6	20.3	20.0	20.1			
24	12.8	11.6	12.3	18.2	17.5	17.9	18.4	17.5	17.9	20.7	19.8	20.3			
25	13.4	12.1	12.7	18.4	17.6	18.0	17.9	17.3	17.5	21.3	20.3	20.8			
26	13.3	12.5	13.0	---	---	---	17.8	17.1	17.5	21.5	21.0	21.3			
27	12.5	10.9	11.7	---	---	---	18.2	17.3	17.8	21.6	21.3	21.4			
28	10.9	10.1	10.4	18.4	18.0	18.2	18.6	17.7	18.2	21.7	21.0	21.4			
29	---	---	---	19.3	18.3	18.7	19.2	18.2	18.7	21.8	21.2	21.5			
30	---	---	---	19.3	17.7	18.8	19.9	18.8	19.3	21.6	21.1	21.4			
31	---	---	---	17.7	15.7	16.6	---	---	---	22.0	21.0	21.5			
MONTH	13.4	7.2	9.7	---	---	---	19.9	11.8	16.7	24.7	19.6	21.5			

SANTEE RIVER BASIN

02175000 EDISTO RIVER NEAR GIVHANS, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	22.2	21.6	21.9	24.9	24.4	24.6	26.0	25.6	25.8	27.5	26.7	27.1
2	22.0	21.2	21.6	24.9	24.1	24.5	25.8	25.3	25.6	27.3	26.4	26.9
3	21.8	21.2	21.4	25.5	24.3	24.9	25.7	25.2	25.5	27.2	26.3	26.7
4	---	---	---	25.6	24.7	25.2	25.8	25.2	25.5	27.4	26.1	26.7
5	---	---	---	25.5	24.7	25.2	25.7	25.1	25.3	26.7	25.8	26.1
6	22.8	22.4	22.6	25.7	25.0	25.3	25.4	25.0	25.2	25.8	24.0	24.8
7	23.1	22.6	22.8	25.6	25.3	25.5	25.4	25.0	25.2	24.0	22.9	23.4
8	23.5	22.8	23.2	25.9	25.2	25.5	25.3	25.0	25.1	22.9	21.8	22.2
9	24.3	23.1	23.7	26.4	25.6	26.0	25.4	25.0	25.2	22.1	21.5	21.8
10	24.7	23.7	24.2	26.5	26.0	26.3	25.5	25.2	25.3	22.1	21.8	21.9
11	25.0	24.1	24.6	26.5	25.9	26.3	25.2	24.9	25.1	21.9	21.6	21.7
12	25.0	24.5	24.7	26.5	26.0	26.3	24.9	24.6	24.7	---	---	---
13	24.7	24.3	24.5	26.3	25.8	25.9	24.9	24.5	24.7	---	---	---
14	24.7	24.1	24.4	25.8	25.3	25.5	25.2	24.7	24.9	---	---	---
15	25.0	24.2	24.6	25.5	25.0	25.3	25.7	25.1	25.4	22.7	21.8	22.2
16	25.3	24.7	25.0	25.9	25.0	25.5	25.9	25.5	25.7	23.1	22.4	22.7
17	24.9	24.5	24.6	26.2	25.4	25.8	25.7	25.2	25.5	23.0	22.4	22.7
18	24.7	24.4	24.6	25.7	25.1	25.4	25.7	25.3	25.5	22.7	22.0	22.4
19	24.9	24.4	24.7	25.6	25.1	25.4	25.6	25.1	25.4	22.9	22.0	22.5
20	25.2	24.7	24.9	25.3	24.8	25.1	25.8	25.2	25.5	23.1	22.0	22.6
21	25.0	24.5	24.7	25.4	24.9	25.1	25.9	25.4	25.7	23.3	22.3	22.8
22	24.5	23.7	24.0	25.5	25.0	25.3	25.8	25.4	25.6	23.7	22.6	23.2
23	23.8	23.3	23.6	25.2	24.6	24.9	26.1	25.4	25.8	24.2	23.3	23.7
24	23.9	23.3	23.6	24.6	24.3	24.4	26.2	25.8	26.0	24.1	23.1	23.6
25	24.1	23.5	23.8	24.4	24.2	24.3	26.2	25.7	26.0	23.9	22.6	23.2
26	24.5	23.7	24.1	24.2	23.9	24.1	26.5	25.7	26.1	23.6	22.7	23.1
27	24.8	24.1	24.5	24.3	23.9	24.1	26.9	26.0	26.5	23.7	22.8	23.2
28	24.9	24.4	24.7	---	---	---	27.1	26.2	26.7	24.1	22.8	23.4
29	24.9	24.4	24.6	---	---	---	27.3	26.4	26.9	23.1	21.7	22.4
30	24.9	24.1	24.6	---	---	---	27.5	26.5	27.0	21.7	20.4	21.0
31	---	---	---	26.1	25.6	25.9	27.7	26.7	27.2	---	---	---
MONTH	---	---	---	---	---	---	27.7	24.5	25.7	---	---	---

SANTEE RIVER BASIN

02175000 EDISTO RIVER NEAR GIVHANS, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	7.2	6.7	7.0	9.4	9.3	9.4	9.3	8.6	9.0
2	---	---	---	---	---	---	---	---	---	8.6	8.2	8.4
3	---	---	---	---	---	---	---	---	---	8.2	8.1	8.2
4	---	---	---	---	---	---	---	---	---	8.5	8.1	8.3
5	---	---	---	---	---	---	10.3	10.1	10.2	8.9	8.4	8.7
6	---	---	---	8.1	7.5	7.8	10.4	10.2	10.3	9.3	8.9	9.0
7	---	---	---	7.5	7.2	7.4	10.4	10.2	10.3	9.6	9.2	9.4
8	---	---	---	7.5	7.2	7.4	10.6	10.4	10.5	9.7	9.5	9.7
9	---	---	---	7.7	7.5	7.6	10.6	10.5	10.5	9.7	9.4	9.6
10	---	---	---	7.5	7.2	7.4	10.6	10.2	10.4	9.5	9.1	9.3
11	---	---	---	7.2	6.7	6.9	10.3	10.0	10.2	9.2	9.0	9.1
12	---	---	---	6.7	6.2	6.5	10.0	9.8	9.9	9.5	9.1	9.3
13	---	---	---	6.3	6.0	6.2	9.9	9.4	9.7	9.9	9.5	9.7
14	---	---	---	6.8	6.2	6.5	9.4	8.9	9.1	10.0	9.8	9.9
15	---	---	---	7.2	6.8	7.0	9.2	8.9	9.0	10.3	9.9	10.1
16	---	---	---	7.3	7.1	7.2	9.4	9.1	9.3	10.5	10.3	10.4
17	---	---	---	7.2	6.9	7.0	9.4	9.3	9.4	10.4	10.2	10.3
18	---	---	---	7.2	6.9	7.0	9.4	9.2	9.3	10.6	10.2	10.4
19	---	---	---	7.6	7.2	7.4	9.2	8.9	9.1	11.1	10.6	10.9
20	---	---	---	7.8	7.6	7.7	8.9	8.6	8.8	11.4	11.0	11.2
21	---	---	---	7.8	7.5	7.6	8.7	8.6	8.7	---	---	---
22	---	---	---	7.7	7.5	7.6	9.1	8.7	8.9	---	---	---
23	---	---	---	7.9	7.6	7.7	9.2	9.0	9.1	11.0	10.6	10.7
24	7.2	7.1	7.2	8.3	7.9	8.1	9.2	9.0	9.1	11.7	11.0	11.4
25	7.2	7.2	7.2	8.5	8.2	8.4	9.0	8.2	8.6	12.0	11.7	11.9
26	7.2	7.1	7.2	8.6	8.4	8.6	8.7	8.2	8.4	12.2	11.8	12.0
27	7.2	7.0	7.1	8.6	8.5	8.6	9.1	8.6	8.9	12.0	11.8	11.9
28	7.1	6.9	7.0	8.8	8.5	8.7	9.5	9.1	9.3	12.2	11.9	12.1
29	7.0	6.5	6.7	9.2	8.7	9.0	9.7	9.4	9.6	12.1	11.6	11.9
30	6.5	6.4	6.5	9.4	9.2	9.3	9.7	9.5	9.6	11.6	11.1	11.4
31	6.7	6.4	6.6	---	---	---	9.6	9.3	9.5	11.1	10.8	11.0
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	10.8	10.6	10.7	8.4	8.3	8.3	5.0	4.3	4.7	4.7	4.2	4.5
2	10.6	10.4	10.5	---	---	---	5.2	4.9	5.1	4.7	4.3	4.5
3	10.4	10.1	10.3	---	---	---	5.2	5.0	5.1	4.6	4.1	4.4
4	10.2	9.8	10.0	---	---	---	5.2	4.9	5.0	4.4	4.0	4.2
5	9.9	9.5	9.7	7.4	7.1	7.2	5.0	4.6	4.8	4.3	4.0	4.1
6	9.8	9.5	9.7	7.1	6.6	6.8	4.7	4.4	4.5	4.2	3.8	4.0
7	9.8	9.6	9.7	6.8	6.1	6.6	4.7	4.4	4.5	4.2	3.7	4.0
8	9.9	9.7	9.8	7.0	6.4	6.8	5.1	4.4	4.6	4.1	3.8	3.9
9	9.9	9.7	9.8	6.9	6.8	6.8	5.5	4.8	5.2	4.0	3.4	3.7
10	9.8	9.5	9.7	6.8	6.6	6.7	6.1	5.5	5.7	3.9	3.4	3.6
11	9.6	9.5	9.5	6.7	6.2	6.6	6.6	5.9	6.2	3.8	3.3	3.5
12	9.6	9.4	9.5	6.6	6.2	6.5	6.7	6.4	6.6	3.7	3.3	3.5
13	9.6	9.5	9.5	6.5	5.9	6.2	6.6	6.3	6.4	4.2	3.6	3.8
14	9.6	9.4	9.5	6.3	5.9	6.1	6.5	6.1	6.2	4.2	3.8	4.0
15	9.5	9.3	9.5	6.7	6.1	6.3	6.2	5.7	5.9	4.4	3.8	4.1
16	9.3	8.9	9.1	7.0	6.6	6.8	5.7	5.3	5.5	4.2	2.7	3.6
17	9.1	8.9	9.0	7.1	6.9	7.0	5.3	5.0	5.1	4.0	2.9	3.3
18	9.4	9.0	9.2	7.0	6.8	6.9	5.1	4.7	4.9	4.0	3.3	3.6
19	9.6	9.4	9.5	6.8	6.4	6.8	4.8	4.6	4.7	4.0	3.1	3.6
20	9.6	9.4	9.5	---	---	---	4.7	4.5	4.6	3.7	3.0	3.3
21	9.4	9.0	9.2	---	---	---	4.6	4.3	4.5	3.8	3.4	3.6
22	9.0	8.2	8.7	---	---	---	4.5	4.1	4.3	3.9	3.2	3.5
23	8.3	7.9	8.0	4.8	4.5	4.7	4.4	4.1	4.2	4.8	3.5	4.3
24	8.1	7.8	7.9	4.8	4.6	4.8	4.4	4.0	4.1	4.8	4.3	4.6
25	8.0	7.8	7.9	4.9	4.8	4.9	4.4	4.0	4.2	5.1	4.3	4.8
26	7.8	7.6	7.7	---	---	---	4.3	4.0	4.2	5.0	4.4	4.8
27	8.0	7.7	7.9	---	---	---	4.2	3.7	4.0	5.0	4.5	4.8
28	8.4	8.0	8.1	4.2	3.9	4.1	4.1	3.5	3.8	5.4	4.7	5.0
29	---	---	---	3.9	3.7	3.9	4.3	3.7	4.0	5.7	4.6	5.1
30	---	---	---	3.8	3.6	3.7	4.5	3.9	4.1	5.1	5.0	5.0
31	---	---	---	4.4	3.7	4.0	---	---	---	5.2	5.1	5.1
MONTH	10.8	7.6	9.3	---	---	---	6.7	3.5	4.9	5.7	2.7	4.1

SANTEE RIVER BASIN

02175000 EDISTO RIVER NEAR GIVHANS, SC--Continued

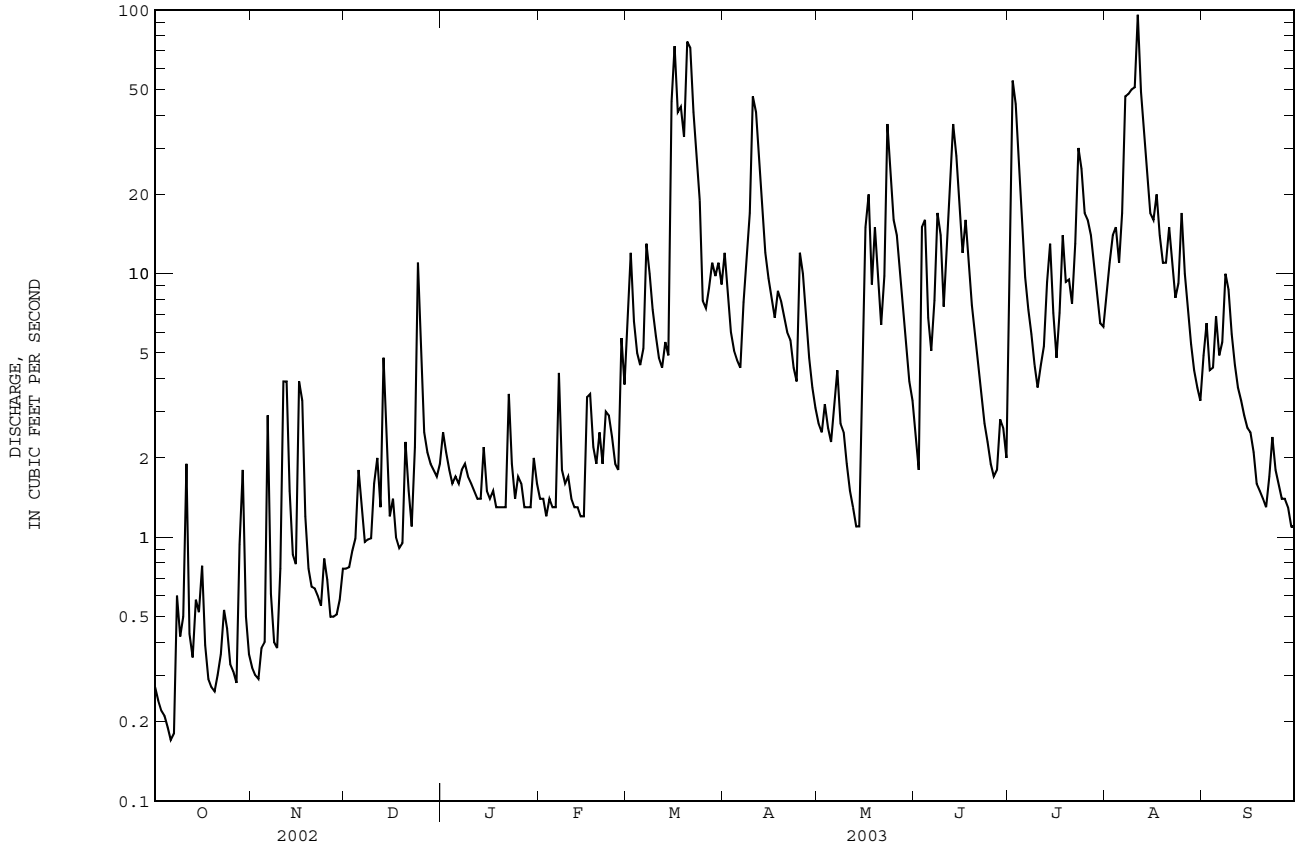
Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	5.1	5.0	5.1	4.4	4.2	4.3	3.6	3.5	3.5	---	---	---
2	5.3	5.0	5.1	4.5	4.3	4.5	3.5	3.4	3.5	4.0	3.9	4.0
3	5.5	5.2	5.3	4.4	4.3	4.4	3.7	3.5	3.6	4.2	4.0	4.1
4	---	---	---	4.4	4.2	4.3	3.7	3.5	3.6	4.2	4.0	4.1
5	---	---	---	4.3	4.1	4.2	3.7	3.5	3.6	4.5	4.1	4.2
6	5.2	4.8	5.0	4.2	4.1	4.2	3.8	3.6	3.6	4.2	4.0	4.1
7	5.2	5.0	5.0	4.2	4.0	4.0	3.9	3.7	3.8	4.6	4.1	4.2
8	5.0	4.8	4.9	4.1	4.0	4.0	3.9	3.8	3.8	5.4	4.6	5.1
9	4.8	4.6	4.7	4.0	3.8	3.9	3.8	3.7	3.8	5.2	4.9	5.0
10	4.7	4.6	4.7	3.8	3.7	3.8	3.7	3.6	3.7	4.9	4.7	4.8
11	4.7	4.6	4.6	3.8	3.6	3.7	3.7	3.6	3.6	4.7	4.6	4.7
12	4.8	4.5	4.6	3.7	3.6	3.6	3.9	3.6	3.7	---	---	---
13	4.8	4.5	4.6	3.8	3.7	3.7	3.8	3.8	3.8	---	---	---
14	4.5	4.3	4.4	3.8	3.6	3.7	3.8	3.7	3.8	---	---	---
15	4.4	4.3	4.3	3.8	3.7	3.8	3.7	3.5	3.6	5.3	4.7	5.0
16	4.6	4.1	4.4	3.9	3.7	3.8	3.5	3.3	3.4	5.2	5.1	5.1
17	4.6	4.2	4.3	4.5	3.8	4.0	3.4	3.3	3.3	5.1	5.0	5.0
18	4.2	4.1	4.2	4.4	3.9	4.0	3.5	3.3	3.3	5.1	5.1	5.1
19	4.2	4.0	4.1	4.0	3.8	3.9	3.6	3.3	3.4	5.2	5.1	5.2
20	4.3	4.0	4.1	3.9	3.7	3.8	3.4	3.3	3.4	5.3	5.2	5.3
21	4.3	4.2	4.2	3.8	3.7	3.7	3.4	3.3	3.3	5.3	5.3	5.3
22	4.4	4.2	4.3	3.8	3.6	3.7	3.5	3.3	3.4	5.4	5.2	5.3
23	4.6	4.4	4.5	3.8	3.7	3.7	3.5	3.4	3.4	5.6	5.1	5.4
24	4.6	4.5	4.5	3.8	3.7	3.7	3.4	3.3	3.4	5.2	5.1	5.2
25	4.6	4.5	4.6	4.0	3.7	3.8	3.4	3.3	3.4	5.4	5.2	5.3
26	4.6	4.4	4.5	4.0	3.9	3.9	3.5	3.4	3.4	5.6	5.4	5.5
27	4.5	4.2	4.3	3.9	3.8	3.8	3.5	3.4	3.5	5.7	5.5	5.6
28	4.3	4.1	4.2	---	---	---	3.5	3.4	3.5	5.8	5.6	5.7
29	4.2	4.1	4.1	---	---	---	3.6	3.5	3.6	6.3	5.7	6.0
30	4.2	4.1	4.2	---	---	---	3.7	3.6	3.7	6.7	6.3	6.5
31	---	---	---	3.7	3.6	3.6	3.8	3.7	3.7	---	---	---
MONTH	---	---	---	---	---	---	3.9	3.3	3.6	---	---	---

02175445 SAVANNAH CREEK AT EHRHARDT, SC--Continued

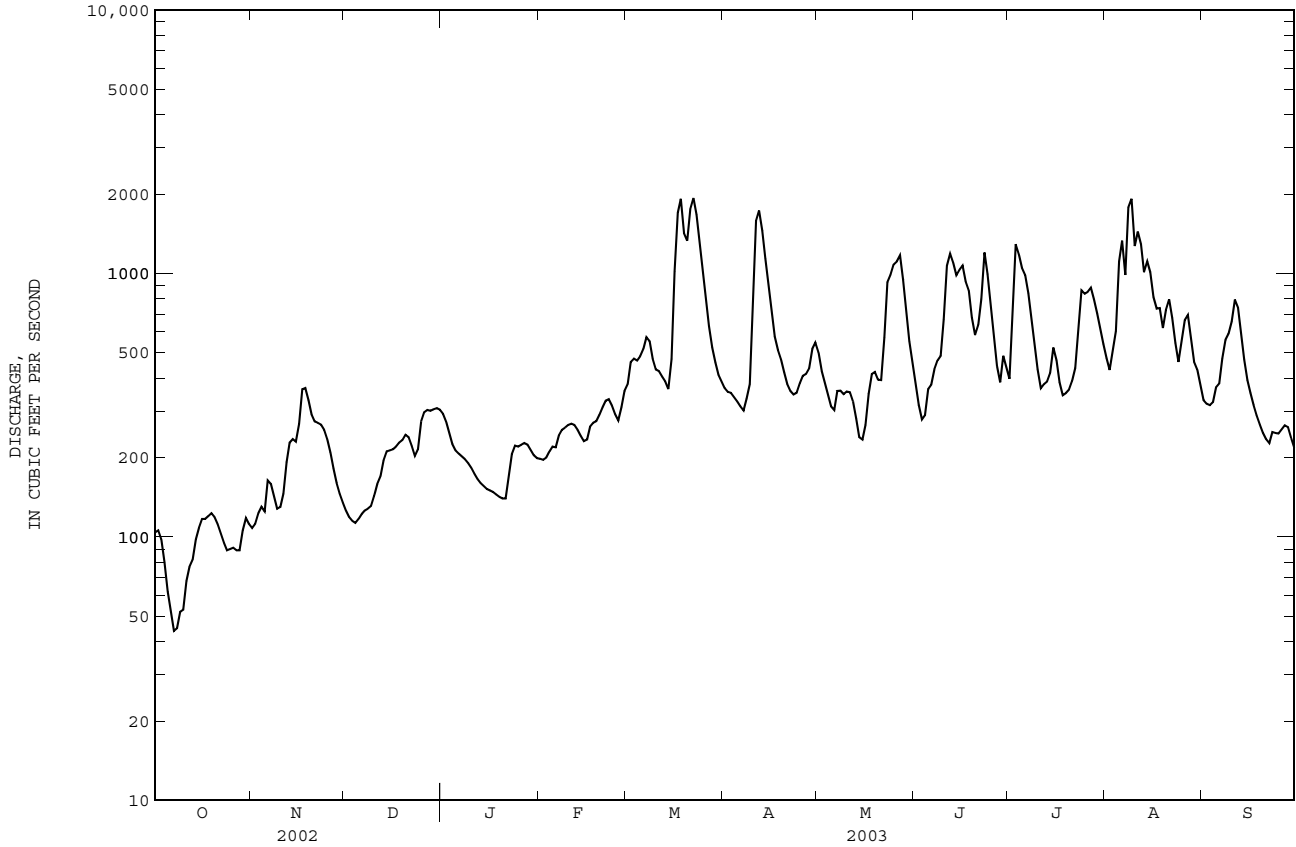
SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 2001 - 2003	
ANNUAL TOTAL	318.80		2888.89		4.32	
ANNUAL MEAN	0.87		7.91		7.91 2003	
HIGHEST ANNUAL MEAN					0.72 2002	
LOWEST ANNUAL MEAN					96 Aug 11 2003	
HIGHEST DAILY MEAN	11	Dec 24	96	Aug 11		
LOWEST DAILY MEAN	0.11	Jul 5	0.17	Oct 6	0.11 Jul 5 2002	
ANNUAL SEVEN-DAY MINIMUM	0.15	Jun 13	0.21	Oct 1	0.15 Jun 13 2002	
MAXIMUM PEAK FLOW			Unknown Mar 15		Unknown Mar 15 2003	
MAXIMUM PEAK STAGE			3.75 Mar 15		3.75 Mar 15 2003	
ANNUAL RUNOFF (CFSM)	0.40		3.60		1.96	
ANNUAL RUNOFF (INCHES)	5.39		48.85		26.67	
10 PERCENT EXCEEDS	1.7		17		11	
50 PERCENT EXCEEDS	0.58		3.3		1.0	
90 PERCENT EXCEEDS	0.18		0.57		0.23	

e Estimated



02175500 SALKEHATCHIE RIVER NEAR MILEY, SC--Continued

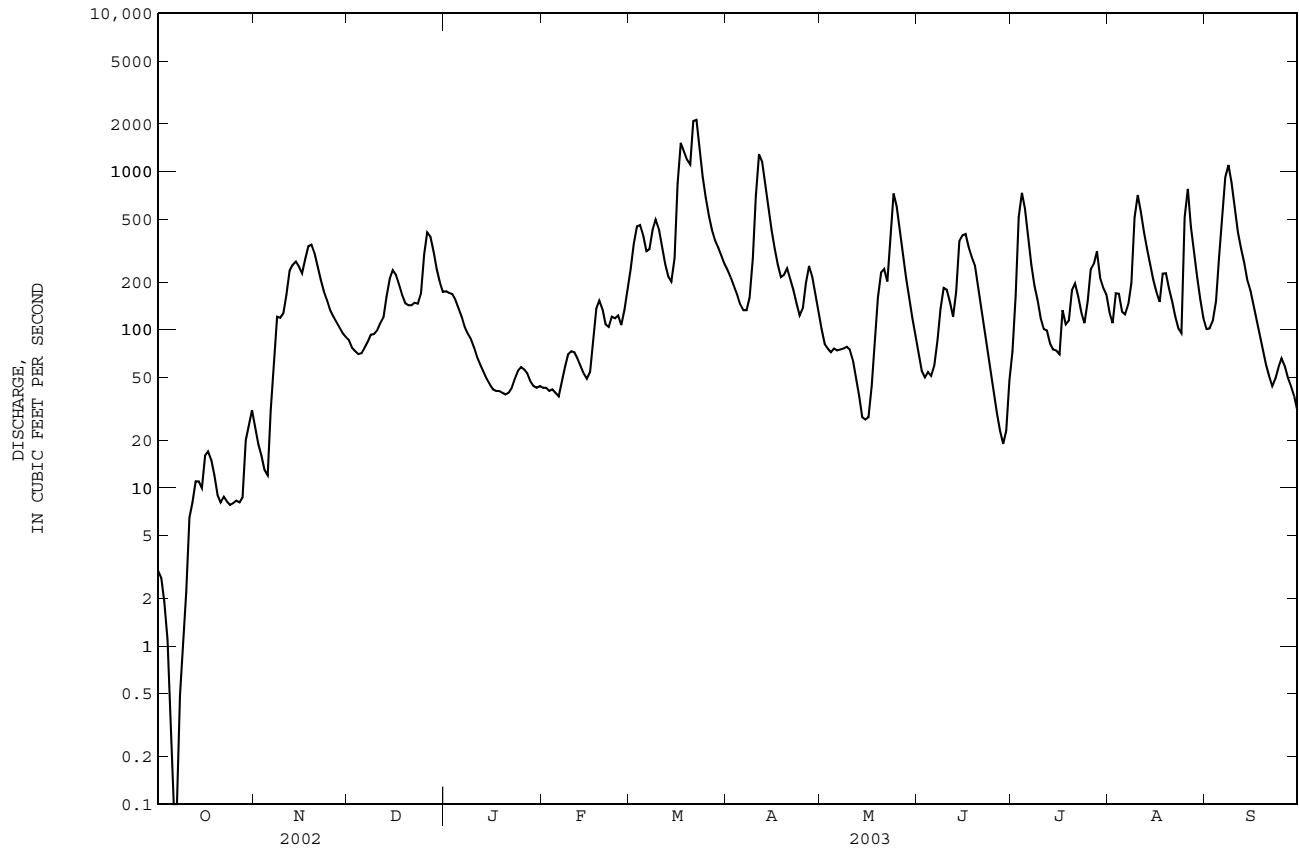
SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1951 - 2003	
ANNUAL TOTAL	48030.6		164461			
ANNUAL MEAN	132		451		341	
HIGHEST ANNUAL MEAN					628	1960
LOWEST ANNUAL MEAN					117	2002
HIGHEST DAILY MEAN	431	Feb 12	1930	Mar 22	3390	Oct 10 1992
LOWEST DAILY MEAN	2.9	Aug 13	44	Oct 7	2.9	Aug 13 2002
ANNUAL SEVEN-DAY MINIMUM	7.4	Aug 9	54	Oct 5	7.4	Aug 9 2002
MAXIMUM PEAK FLOW			2430	Aug 9	4360	Oct 9 1992
MAXIMUM PEAK STAGE			5.09	Aug 9	5.79	Oct 9 1992
ANNUAL RUNOFF (CFSM)	0.39		1.32		1.00	
ANNUAL RUNOFF (INCHES)	5.24		17.94		13.58	
10 PERCENT EXCEEDS	274		999		655	
50 PERCENT EXCEEDS	112		345		261	
90 PERCENT EXCEEDS	22		121		93	



02176500 COOSAWHATCHIE RIVER NEAR HAMPTON, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1951 - 2003	
ANNUAL TOTAL	14197.52		75702.39		176	
ANNUAL MEAN	38.9		207		395	
HIGHEST ANNUAL MEAN					12.2	
LOWEST ANNUAL MEAN					1991	
HIGHEST DAILY MEAN	413	Dec 26	2120	Mar 22	6590	Sep 2 1969
LOWEST DAILY MEAN	0.00	May 3	0.00	a Oct 6	0.00	b Aug 31 1951
ANNUAL SEVEN-DAY MINIMUM	0.00	May 3	0.70	Oct 3	0.00	Jun 29 1954
MAXIMUM PEAK FLOW			2440	Mar 22	8160	Sep 2 1969
MAXIMUM PEAK STAGE			5.35	Mar 22	c 8.39	Sep 2 1969
ANNUAL RUNOFF (CFSM)	0.19		1.02		0.87	
ANNUAL RUNOFF (INCHES)	2.60		13.87		11.78	
10 PERCENT EXCEEDS	121		431		470	
50 PERCENT EXCEEDS	6.7		131		70	
90 PERCENT EXCEEDS	0.00		24		2.5	

a Also occurred Oct. 7.
 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 current year.

REVISED RECORDS.--Discharge records for the 2001-2002 Water Years will be revised based on modified velocity record for that period and published in the Water Resources Data Report, 2004 Water Year publication. The velocity record will be modified by processing the signal with a low-pass filter to remove spurious data points. This process will enhance the quality of the velocity record and resulting discharge computations.

GAGE.--Data Collection Platform and acoustic velocity meter. Datum of gage is 3.17 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. 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.--

EXTREMES FOR CURRENT YEAR.--

DISCHARGE FOR THE 2003 WATER YEAR WILL BE PUBLISHED IN THE 2004 WATER RESOURCES DATA REPORT

02176575 OKATEE RIVER NEAR BLUFFTON, SC--Continued

PRECIPITATION RECORDS

PERIOD OF RECORD.--July 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.

DAY	Precipitation, total, inches											
	WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.02	0.00	0.00	0.11	0.00	1.06	0.00	0.09	0.00	0.30	0.89	0.00
2	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.01	0.00	0.36	0.11	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	1.02	0.00	0.01	1.90
4	0.00	0.19	0.00	0.00	0.04	0.40	0.00	0.01	0.47	0.00	1.93	0.00
5	0.00	0.23	0.29	0.00	0.00	0.00	0.05	0.00	0.00	0.07	0.02	1.57
6	0.00	0.66	0.01	0.00	0.21	0.37	0.01	0.56	0.54	0.00	0.06	0.91
7	0.00	0.00	0.00	0.00	0.15	1.26	1.27	0.00	0.20	0.02	0.07	0.17
8	0.15	0.00	0.01	0.00	0.00	0.00	1.06	0.00	0.46	0.01	0.00	0.01
9	0.00	0.00	0.16	0.00	0.03	0.00	0.63	0.00	0.00	0.00	0.00	0.00
10	3.06	0.67	0.70	0.00	0.30	0.01	0.29	0.00	0.00	0.00	0.22	0.00
11	0.44	0.29	0.15	0.00	0.00	0.00	0.07	0.29	1.61	0.00	0.69	0.00
12	0.00	1.13	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.01	0.00
13	0.00	0.14	0.76	0.00	0.00	0.34	0.00	0.00	0.37	0.00	0.01	0.00
14	0.10	0.01	0.01	0.00	0.00	0.01	0.00	0.00	0.00	1.36	0.00	0.00
15	0.26	0.00	0.00	0.00	0.00	0.01	0.00	0.06	0.00	0.00	0.00	0.00
16	0.00	1.29	0.00	0.01	1.00	0.00	0.00	0.18	0.18	0.42	0.03	0.01
17	0.00	0.12	0.00	0.00	0.07	0.63	0.00	0.00	0.26	0.00	0.06	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.01	1.68	0.83	0.00	0.02	0.00
19	0.00	0.00	0.07	0.00	0.00	0.67	0.00	0.00	0.00	0.36	---	0.00
20	0.00	0.00	0.21	0.00	0.06	0.26	0.00	0.00	0.00	0.01	---	0.00
21	0.00	0.04	0.00	0.00	0.11	0.02	0.00	0.01	0.00	0.85	0.26	0.00
22	0.00	0.01	0.00	0.46	0.72	0.00	0.02	1.86	0.00	0.07	0.00	0.08
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.41	0.00	1.27	0.00	0.21
24	0.09	0.00	1.19	0.00	0.00	0.00	0.00	0.00	0.00	0.66	0.00	0.00
25	0.01	0.00	0.08	0.00	0.00	0.00	0.44	0.28	0.00	0.12	1.23	0.00
26	0.00	0.04	0.00	0.00	0.04	0.00	0.15	0.00	0.00	0.25	0.00	0.00
27	0.02	0.00	0.00	0.00	0.48	0.00	0.00	0.08	0.00	0.08	0.02	0.00
28	0.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00
29	0.01	0.00	0.00	0.00	---	0.00	0.00	0.00	0.03	0.00	0.00	0.00
30	0.63	0.00	0.00	0.01	---	0.27	0.00	0.00	0.31	0.00	0.00	0.00
31	0.00	---	0.13	0.00	---	0.00	---	0.00	---	0.00	0.00	---
TOTAL	5.69	4.82	3.78	0.59	3.21	5.42	4.00	5.70	6.38	6.43	---	4.86

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 current year.

REVISED RECORDS.--Discharge records for the 2001-2002 Water Years will be revised based on modified velocity record for that period and published in the Water Resources Data Report, 2004 Water Year publication. The velocity record will be modified by processing the signal with a low-pass filter to remove spurious data points. This process will enhance the quality of the velocity record and resulting discharge computations.

GAGE.--Data Collection Platform and acoustic velocity meter. Datum of gage is 3.02 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. 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.--

EXTREMES FOR CURRENT YEAR.--

DISCHARGE FOR THE 2003 WATER YEAR WILL BE INCLUDED IN THE 2004 WATER RESOURCES DATA REPORT

02176576 MALIND CREEK NEAR CHELSEA, SC--Continued

PRECIPITATION RECORDS

PERIOD OF RECORD.--July 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.

DAY	Precipitation, total, inches											
	WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.09	0.00	0.00	0.10	0.00	0.70	0.00	0.02	0.00	0.65	0.10	0.74
2	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.03	0.00	0.74	0.01	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.91	0.00	0.00	1.47
4	0.00	0.17	0.00	0.00	0.05	0.36	0.00	0.01	0.62	0.03	2.68	0.00
5	0.00	0.27	0.23	0.00	0.00	0.00	0.33	0.00	0.00	1.93	0.00	0.47
6	0.00	0.73	0.00	0.00	0.19	0.38	0.00	0.40	1.04	0.00	2.51	0.85
7	0.00	0.00	0.01	0.00	0.15	1.12	2.65	0.00	0.18	0.01	0.00	0.34
8	0.02	0.00	0.00	0.00	0.00	0.00	0.86	0.00	0.77	0.00	0.00	0.00
9	0.00	0.00	0.16	0.00	0.04	0.00	0.03	0.00	0.00	0.00	0.00	0.00
10	3.36	0.74	0.75	0.00	0.37	0.00	---	0.00	0.00	0.00	0.23	0.00
11	0.40	0.18	0.13	0.00	0.00	0.00	0.00	0.18	0.06	0.00	0.84	0.00
12	0.00	1.01	0.01	0.00	0.00	0.00	0.00	0.01	0.00	5.73	0.01	0.00
13	0.00	0.13	0.70	0.00	0.00	0.39	0.00	0.00	0.14	---	0.00	0.00
14	0.02	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	---	0.00	0.00
15	0.31	0.00	0.00	0.00	0.00	0.04	0.00	0.10	0.00	0.00	0.00	0.00
16	0.01	1.24	0.00	0.00	1.03	0.00	0.00	0.17	0.72	0.00	0.06	0.25
17	0.00	0.13	0.01	0.01	0.09	0.61	0.00	0.01	0.21	0.00	0.05	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	---	3.76	2.61	0.00	0.13	0.00
19	0.00	0.00	0.06	0.00	0.00	0.43	---	0.00	0.00	1.69	0.00	0.00
20	0.00	0.00	0.24	0.00	0.02	0.22	---	0.00	0.00	0.01	0.00	0.00
21	0.00	0.05	0.00	0.00	0.17	0.01	---	0.00	0.00	0.59	0.16	0.00
22	0.00	0.01	0.00	0.34	0.78	0.00	---	1.50	0.00	0.07	0.00	0.26
23	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.40	0.00	1.79	0.13	0.20
24	0.10	0.00	1.13	0.00	0.00	0.00	0.00	0.00	0.00	0.65	0.00	0.00
25	0.02	0.00	0.08	0.00	0.00	0.00	0.58	0.91	0.00	0.11	0.01	0.00
26	0.00	0.00	0.00	0.00	0.05	0.00	0.16	0.10	0.00	0.38	0.01	0.00
27	0.01	0.01	0.00	0.00	0.47	0.00	0.00	0.02	0.00	0.00	0.00	0.01
28	1.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.00
29	0.01	0.00	0.00	0.00	---	0.00	0.01	0.00	0.06	0.00	0.00	0.00
30	0.35	0.00	0.00	0.01	---	0.32	0.00	0.00	0.16	0.00	0.00	0.00
31	0.00	---	0.11	0.00	---	0.00	---	0.00	---	0.00	0.00	---
TOTAL	5.85	4.67	3.62	0.46	3.41	4.68	---	7.77	7.60	---	6.93	4.59

BROAD RIVER BASIN

02176585 BRICKYARD CREEK NEAR BEAUFORT, 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
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	---	---	14700	-16200	14100	-16200	---	---	14600	-15500	15700	-18700
2	12500	-18400	13800	-20900	13800	-15000	14800	-21800	14600	-15500	14900	-16300
3	11700	-17200	13900	-18000	14700	-18500	13700	-15200	14700	-15300	13700	-16100
4	11600	-17900	14100	-14100	15000	-18500	14000	-16900	13300	-14500	13100	-17400
5	12600	-12200	16600	-22200	12900	-14600	13800	-11600	13600	-22400	16100	-14800
6	14800	-12200	13800	-23500	13100	-14200	12900	-15700	15100	-17500	16900	-11900
7	15400	-15200	12600	-21300	13600	-16400	13400	-13600	---	---	15600	-21100
8	13000	-6530	12500	-17900	13100	-18000	13400	-12800	14800	-17600	15700	-20200
9	13700	-8940	11900	-13800	13400	-14200	14900	-17200	15700	-15800	16700	-20400
10	---	---	11800	-14200	15400	-21700	15000	-21100	14500	-15500	16500	-17600
11	12700	-15700	12100	-16800	16700	-22700	14900	-22800	15100	-18700	16200	-20100
12	13900	-16100	13000	-22900	17200	-29500	15600	-21800	15300	-16300	16300	-19100
13	14600	-16700	14700	-21200	17500	-27000	15400	-21100	16000	-19800	15100	-15100
14	15800	-17300	15000	-22400	16700	-21800	15400	-15700	16500	-12100	15300	-17500
15	16200	-19900	16600	-27100	17100	-24400	15500	-20700	15600	-12900	14600	-13300
16	16100	-26000	16800	-25900	17400	-21800	15200	-18400	13000	-12900	15600	-10200
17	17700	-24200	17500	-17900	17900	-15000	14100	-17900	12200	-10800	15400	-10700
18	17100	-22500	18400	-20800	16100	-16800	13700	-11700	13100	-13700	10900	-17200
19	17300	-19000	18000	-22800	15800	-18000	12700	-15600	12300	-8750	10800	-10700
20	16100	-19000	16900	-24500	13200	-13000	12600	-13300	12000	-10600	12800	-8630
21	15500	-21500	15200	-22000	14700	-15800	12000	-19000	12900	-9500	14200	-12900
22	15700	-26100	15500	-17800	14200	-13100	12000	-21400	11000	-8270	13600	-18800
23	13200	-14800	13400	-11900	13600	-12600	9700	-18800	10100	-11800	15600	-17500
24	14000	-13700	14300	-11500	13800	-13300	12400	-9050	13800	-13300	15600	-19100
25	14700	-14400	13400	-16300	13900	-13600	13400	-11000	15100	-19800	17100	-23300
26	14200	-19800	13100	-16900	12900	-17300	14600	-15100	15200	-16800	17200	-20500
27	14700	-15400	13000	-19000	13600	-18000	13500	-15800	15000	-23500	17300	-22900
28	14700	-14700	13800	-21500	13700	-11800	13600	-16900	16000	-17300	16400	-24300
29	14100	-19600	14500	-21300	15000	-17800	13400	-18700	15700	-17600	16500	-18500
30	14500	-15800	13700	-19500	14400	-15300	15500	-19900	15800	-18200	16800	-17800
31	---	---	13800	-21500	---	---	14800	-17100	15400	-17300	---	---
MONTH	---	---	18400	-27100	17900	-29500	---	---	---	---	17300	-24300

BROAD RIVER BASIN

02176585 BRICKYARD CREEK NEAR BEAUFORT, SC--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	44800	40400	42800	36800	29300	33300	38600	30000	33900
2	46300	42000	44600	44800	40300	42600	38100	30800	34700	39300	31600	35300
3	46300	41900	44600	44500	40500	42800	38300	30600	35400	40100	32600	36800
4	46300	41900	44900	44500	39600	42300	38500	31800	35800	40600	32700	36600
5	46100	42600	44700	43800	39700	41900	38700	30800	35600	38900	30500	33600
6	46200	42500	44600	43600	39400	41900	38200	26800	32700	37100	31000	33600
7	45900	42200	44000	43500	37800	40600	37100	27400	31100	36400	31900	34100
8	45400	43000	44400	42300	37800	39200	34100	26400	29300	36700	32300	34600
9	45500	43100	44300	41800	37500	39000	34300	25600	28400	36700	32500	34900
10	45800	43300	44500	40600	37500	38500	31900	24700	27200	36900	32300	35000
11	45700	43700	44800	38900	37200	37700	32000	25800	28000	37500	32800	35500
12	46100	44300	45300	39400	37200	37800	32600	26100	29400	37900	31000	35800
13	46300	43300	45400	39500	36400	37600	33500	26400	30100	40900	32400	37700
14	46500	43400	45400	40000	35600	37100	36000	26200	31100	41400	32100	38300
15	46700	41300	45200	39800	35600	36900	36700	26000	31900	41800	32500	38100
16	46700	40800	44600	40000	35600	37400	37700	26400	32500	41800	32700	38200
17	45900	40200	43500	40900	35000	38000	38000	26600	33000	41800	33200	38100
18	45700	40900	43800	41100	34600	38100	---	---	---	41800	31800	37100
19	45800	40900	43900	41100	34200	38100	37800	26800	32600	40500	31400	36300
20	45600	41100	43900	40900	33300	37500	37100	27900	32400	39500	33900	36700
21	45600	41600	44000	40400	33100	37200	37000	28400	33500	39300	34100	36700
22	45600	42100	44100	40300	33500	37200	38400	29900	34600	38800	33300	36600
23	45200	41900	44000	40000	33400	36900	37600	31200	34500	37800	32800	35000
24	45400	42100	44200	40000	32700	36300	37700	30600	34100	37000	32600	34800
25	45500	40800	44000	39400	32400	35300	37300	29900	34100	37200	33400	34900
26	45400	41400	43400	38700	32800	35500	37400	30100	33900	37200	33400	35100
27	45400	41000	42800	38500	30400	34200	37000	29300	33400	37000	33600	35100
28	44900	40900	42700	37500	29000	32100	36700	28900	32700	38300	34400	36200
29	---	---	---	---	---	---	37200	28800	32800	38800	34800	36700
30	---	---	---	---	---	---	37500	30200	33800	39200	35200	37300
31	---	---	---	36300	28800	32200	---	---	---	39800	35100	37700
MONTH	---	---	---	---	---	---	---	---	---	41800	30000	36000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	40100	35200	38000	40300	31500	35600	39400	30700	35400	39600	29400	34800
2	40400	34400	37600	40400	29800	36100	39500	31300	35900	39400	29800	34900
3	40400	34900	37500	40200	32800	36800	39600	31700	36100	39600	30800	35100
4	40300	34700	37500	40400	32500	36900	40000	31200	36300	38700	30500	35100
5	39800	34600	37000	40500	32800	37500	40200	29600	35500	36600	27800	33200
6	39800	33300	36400	40800	33300	37900	40500	30900	35700	37600	26900	31800
7	39700	33700	36700	41000	33500	37900	40800	31400	36200	37000	28100	31500
8	39500	33400	36900	40900	32700	37500	41000	31300	36400	38000	28700	32500
9	39900	32700	37100	41100	32900	37100	41300	30600	36500	38600	29900	33500
10	40200	33200	37500	42100	32400	38100	41100	31000	36700	38500	30000	34100
11	40700	33000	37600	43100	32600	38300	42900	30400	37500	38500	30800	34300
12	41400	32900	38000	43100	29000	37700	42700	32100	37900	38400	30600	34200
13	41400	32500	37900	45100	30900	37900	42600	31100	37000	38100	31400	34500
14	41500	31700	37900	44000	31300	38700	42000	30800	35800	38300	31300	34600
15	41400	32100	38100	42600	33100	38500	40600	30900	35000	37900	31000	34100
16	42400	33000	39000	42600	33800	38600	39300	31100	35200	37600	29800	33700
17	42600	34100	38900	42500	34100	39400	38800	31800	35500	37100	30600	32700
18	42200	33900	38300	42200	34600	39200	38700	32100	35200	37800	30800	33600
19	41600	34100	38100	42300	35800	40100	36200	29300	32500	37900	33500	35300
20	40700	33800	37000	---	---	---	34400	26300	30600	37800	31200	35300
21	39500	32100	36100	---	---	---	34200	27000	29800	39200	31700	34700
22	39300	31300	35600	41600	36600	38900	34700	26900	30200	40100	31900	35200
23	39900	33800	36200	41100	37900	39700	35800	28400	31600	40000	32600	35800
24	39800	34300	36600	39000	33400	37000	36500	30000	32600	39700	31800	35400
25	39900	33900	36400	38200	30800	33800	36300	27400	31200	40200	31600	35500
26	40300	33200	36400	37800	30200	32600	37300	27100	31500	40500	32000	36100
27	40800	33400	37100	38200	30000	32800	38200	27600	32700	40600	32400	36600
28	40600	32400	37700	38600	31300	34000	38800	27600	33400	41100	32700	36900
29	39800	29800	34700	39000	32000	35200	39000	28200	34200	41500	32900	37400
30	40300	32100	35500	39200	31200	35500	39200	28400	34600	41800	34000	37800
31	---	---	---	39300	32300	36000	39500	29300	35000	---	---	---
MONTH	42600	29800	37200	---	---	---	42900	26300	34500	41800	26900	34700

BROAD RIVER BASIN

02176585 BRICKYARD CREEK NEAR BEAUFORT, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	27.5	26.4	27.1	22.3	20.9	21.9	---	---	---	---	---	---
2	27.7	26.5	27.2	21.5	20.0	21.0	---	---	---	---	---	---
3	28.2	27.0	27.5	21.5	20.0	20.4	---	---	---	---	---	---
4	28.5	27.4	27.8	20.5	19.5	19.9	12.1	10.4	11.3	11.3	9.3	10.4
5	29.2	27.3	28.0	19.8	18.9	19.4	11.1	9.8	10.3	---	---	---
6	29.6	28.0	28.6	20.1	19.2	19.7	10.8	9.6	10.2	---	---	---
7	30.1	28.3	29.0	19.2	17.3	18.4	10.8	9.5	10.3	---	---	---
8	29.1	28.0	28.5	---	---	---	10.8	9.4	10.3	10.5	8.0	9.8
9	28.1	25.8	26.7	---	---	---	10.8	9.9	10.4	11.6	9.2	10.3
10	26.8	25.3	26.1	20.2	18.9	19.4	10.4	9.4	10.0	12.1	11.0	11.4
11	26.3	25.7	26.0	21.7	19.8	20.4	10.3	9.8	10.1	11.8	10.0	10.8
12	27.4	25.2	26.2	---	---	---	10.5	9.8	10.2	10.9	8.9	10.0
13	27.0	26.0	26.7	---	---	---	11.2	10.3	10.6	9.6	8.7	9.1
14	26.6	23.4	25.8	19.2	17.2	18.6	11.3	9.9	10.7	9.1	8.0	8.8
15	24.6	23.1	23.8	18.7	17.5	18.3	10.3	9.1	9.9	9.3	8.1	8.7
16	23.3	21.9	22.6	18.6	18.3	18.4	10.5	9.3	9.8	9.9	8.2	8.6
17	22.6	21.4	22.1	18.5	16.5	17.8	10.9	9.8	10.2	9.3	7.9	9.0
18	21.8	20.6	21.3	---	---	---	10.9	10.2	10.5	8.3	6.9	7.9
19	---	---	---	---	---	---	12.0	10.7	11.3	7.9	6.2	7.1
20	22.5	20.7	21.5	---	---	---	13.8	11.6	12.6	8.3	6.1	7.2
21	23.0	21.6	22.2	---	---	---	12.8	11.6	12.1	10.5	7.6	8.8
22	22.5	21.8	22.2	---	---	---	12.6	10.8	11.8	10.3	9.2	9.6
23	21.9	20.4	21.4	---	---	---	13.3	11.7	12.3	9.4	6.9	8.3
24	21.7	20.6	21.2	15.1	12.9	14.4	---	---	---	7.4	4.2	6.1
25	21.3	20.2	20.8	---	---	---	---	---	---	6.7	4.6	6.0
26	21.4	20.1	20.9	---	---	---	---	---	---	7.2	5.9	6.6
27	22.5	20.7	21.5	---	---	---	---	---	---	7.0	6.1	6.7
28	23.6	21.7	22.5	---	---	---	---	---	---	7.3	5.7	6.6
29	24.4	23.0	23.4	---	---	---	---	---	---	8.8	6.6	7.3
30	24.2	23.5	23.9	---	---	---	---	---	---	9.3	7.8	8.4
31	23.7	21.8	22.9	---	---	---	---	---	---	9.3	8.4	8.8
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	10.0	8.5	9.1	12.5	12.2	12.4	18.6	16.3	17.4	25.2	24.2	24.6
2	11.1	8.9	9.6	14.5	12.5	13.1	19.0	16.1	17.6	26.3	23.7	24.7
3	11.5	9.6	10.4	14.3	12.9	13.5	19.9	16.9	18.3	25.7	24.0	24.7
4	12.3	10.5	11.3	14.0	13.4	13.7	20.1	17.7	18.9	26.9	23.9	24.9
5	12.4	10.5	11.2	15.3	13.7	14.2	21.7	18.6	19.8	26.2	24.6	25.4
6	11.7	10.8	11.1	16.1	14.4	15.2	21.2	20.3	20.7	27.1	24.8	25.7
7	11.1	10.1	10.5	15.6	15.0	15.3	21.9	20.2	20.8	27.7	25.5	26.3
8	10.7	9.0	10.0	16.2	13.8	14.9	21.2	19.0	20.1	28.0	26.0	26.7
9	10.6	9.5	10.2	16.2	15.1	15.6	19.6	17.9	18.7	28.4	26.6	27.3
10	11.2	10.3	10.7	17.2	14.9	15.8	18.4	16.0	17.3	28.5	27.1	27.9
11	11.1	9.3	10.5	18.1	15.3	16.7	17.1	15.2	16.1	28.6	27.2	27.9
12	11.0	9.6	10.6	19.0	16.7	17.8	17.2	15.6	16.4	27.8	26.1	27.1
13	11.2	9.5	10.5	18.8	18.0	18.3	20.0	17.0	17.9	27.2	24.7	25.8
14	11.8	10.2	10.7	18.6	16.7	18.1	20.9	18.2	19.2	25.8	24.7	25.2
15	13.2	10.7	11.5	17.1	15.2	16.3	22.0	19.2	20.2	25.3	24.4	24.8
16	12.7	11.6	12.2	16.3	15.1	15.7	22.7	19.9	20.8	26.5	24.3	25.2
17	11.8	10.8	11.3	16.0	15.7	15.9	23.3	20.6	21.5	27.1	25.1	25.9
18	11.2	10.1	10.6	17.2	15.8	16.3	22.9	21.2	21.7	26.4	25.1	25.9
19	12.1	10.0	10.9	17.9	16.4	17.0	23.2	21.7	22.1	25.9	24.6	25.2
20	12.8	11.1	11.7	18.7	17.1	17.8	23.1	21.7	22.2	25.5	23.2	24.3
21	13.2	12.0	12.5	20.2	17.7	18.7	23.1	21.6	22.3	25.2	23.9	24.6
22	14.4	12.4	13.2	21.0	18.5	19.4	23.5	22.1	22.7	24.8	23.9	24.5
23	14.4	13.0	13.5	21.0	19.3	19.8	23.2	20.7	22.1	25.2	24.0	24.4
24	14.7	12.5	13.6	20.8	19.0	19.7	22.7	21.7	22.3	25.3	24.1	24.9
25	15.4	13.5	14.2	21.0	19.0	20.2	22.5	21.7	22.1	26.5	24.9	25.6
26	14.9	14.1	14.5	21.1	19.9	20.6	22.5	21.3	21.7	27.2	25.8	26.3
27	14.2	12.4	13.5	21.4	20.4	20.8	23.5	21.7	22.3	27.6	26.0	26.4
28	12.9	11.7	12.4	21.1	19.9	20.4	24.4	22.2	23.0	27.7	25.5	26.2
29	---	---	---	---	---	---	26.2	22.8	23.7	26.9	25.7	26.1
30	---	---	---	---	---	---	27.5	23.5	24.4	27.7	24.7	25.7
31	---	---	---	19.4	16.3	17.9	---	---	---	27.6	25.1	26.0
MONTH	15.4	8.5	11.5	---	---	---	27.5	15.2	20.5	28.6	23.2	25.7

02176585 BRICKYARD CREEK NEAR BEAUFORT, SC--Continued

Temperature, water, degrees Celsius
 WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	28.1	25.3	26.2	29.1	28.3	28.7	30.4	28.9	29.7	32.1	30.6	31.1
2	27.7	25.6	26.4	28.9	27.2	28.0	31.0	28.9	29.9	31.5	29.8	30.8
3	26.6	25.8	26.3	29.6	27.0	28.0	31.2	29.3	30.3	31.6	30.1	30.9
4	26.2	25.1	25.8	29.9	27.9	28.7	31.2	29.5	30.3	31.0	30.2	30.7
5	28.1	25.2	26.3	29.9	28.4	29.0	30.7	29.2	30.0	30.8	29.5	30.4
6	27.6	26.6	26.9	30.6	28.8	29.6	30.3	29.3	29.9	29.6	26.6	28.6
7	27.1	26.3	26.7	30.6	29.5	30.0	29.7	29.0	29.5	27.1	25.5	26.2
8	27.5	26.3	26.9	30.8	29.4	30.1	29.7	28.9	29.2	25.9	25.0	25.3
9	28.5	26.5	27.4	31.8	30.1	30.7	30.7	28.4	29.2	26.3	24.5	25.4
10	29.1	27.6	28.2	31.8	30.6	31.0	30.6	28.9	29.4	25.9	25.2	25.5
11	29.8	28.0	28.7	31.7	30.2	30.8	30.1	28.7	29.2	25.9	24.3	25.1
12	30.2	28.4	29.0	31.7	30.0	30.6	30.1	28.5	29.1	25.4	24.5	24.9
13	30.5	28.4	29.2	30.3	29.3	29.7	30.9	28.6	29.5	26.5	23.9	25.2
14	31.1	28.6	29.3	29.5	28.7	28.9	31.0	29.2	30.0	27.6	25.2	26.2
15	31.8	29.0	29.8	29.6	28.1	28.7	31.5	29.6	30.5	28.4	26.0	27.1
16	31.7	29.5	30.3	30.5	28.2	29.1	31.5	30.0	30.7	28.4	26.9	27.7
17	30.4	29.7	30.0	31.2	28.7	29.8	31.4	29.4	30.6	28.4	25.7	27.0
18	30.1	29.2	29.7	31.3	29.5	30.3	31.4	29.5	30.7	27.0	24.6	26.1
19	30.5	28.6	29.5	31.2	29.4	30.3	31.3	29.6	30.5	26.7	25.1	26.1
20	30.4	28.8	29.7	31.0	28.6	30.1	31.6	30.1	30.9	27.5	25.9	26.6
21	30.3	28.6	29.6	31.2	30.2	30.8	31.0	29.9	30.6	27.5	26.8	27.2
22	30.1	28.3	29.7	30.8	29.5	30.3	31.0	30.0	30.6	27.8	27.0	27.3
23	30.1	28.9	29.6	30.0	28.5	29.2	31.0	29.8	30.5	27.7	27.0	27.3
24	30.5	29.2	29.9	28.8	27.8	28.2	31.4	30.0	30.5	27.9	26.8	27.1
25	31.1	29.5	30.1	28.8	27.3	27.8	30.8	29.8	30.3	27.8	26.0	26.7
26	31.3	29.7	30.2	28.1	27.3	27.7	31.9	29.7	30.3	27.3	26.5	26.8
27	31.2	29.5	30.0	29.5	27.6	28.3	32.1	29.9	30.7	27.8	26.2	26.8
28	30.7	29.2	29.6	30.3	28.0	28.6	32.2	30.1	30.9	27.8	26.2	27.0
29	29.7	28.4	28.8	30.6	28.1	29.0	32.0	30.3	31.0	27.0	24.6	25.5
30	30.4	27.9	28.7	31.3	28.6	29.5	32.5	30.4	31.1	25.5	23.2	24.3
31	---	---	---	30.8	29.1	29.8	32.2	30.8	31.3	---	---	---
MONTH	31.8	25.1	28.6	31.8	27.0	29.4	32.5	28.4	30.2	32.1	23.2	27.1

BROAD RIVER BASIN

02176585 BRICKYARD CREEK NEAR BEAUFORT, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	6.1	5.0	5.6	7.4	6.4	6.6	---	---	---	---	---	---
2	6.0	5.1	5.6	7.2	6.3	6.6	---	---	---	---	---	---
3	5.9	5.0	5.4	7.4	6.3	6.5	---	---	---	---	---	---
4	5.8	4.7	5.1	6.6	6.0	6.2	9.3	8.6	9.1	10.9	9.8	10.1
5	5.9	4.4	5.1	6.6	5.9	6.2	9.4	9.0	9.2	---	---	---
6	5.7	4.2	4.9	7.6	6.0	6.8	10.1	9.1	9.4	---	---	---
7	6.3	4.4	5.1	7.9	6.8	7.2	10.3	9.2	9.7	---	---	---
8	5.7	4.4	5.0	---	---	---	10.6	9.7	9.9	11.4	10.9	11.1
9	6.5	4.8	5.6	---	---	---	10.3	9.8	10.0	11.3	10.7	11.0
10	6.1	4.8	5.6	7.8	6.9	7.3	10.1	9.8	10.0	11.1	10.3	10.8
11	6.4	5.4	5.8	7.4	6.8	7.2	10.0	8.7	9.4	11.1	10.6	10.9
12	6.7	5.3	5.7	---	---	---	9.8	8.9	9.4	11.4	10.8	11.1
13	6.0	5.1	5.6	---	---	---	9.8	8.9	9.4	11.4	10.9	11.2
14	6.1	5.2	5.6	7.3	6.8	7.0	9.9	8.9	9.5	11.5	10.9	11.2
15	6.7	5.6	6.2	7.4	6.8	7.1	10.2	9.1	9.7	11.7	10.9	11.3
16	7.1	6.2	6.6	7.0	6.5	6.7	10.4	9.3	9.8	11.5	10.6	11.1
17	7.0	6.0	6.5	7.4	6.4	6.8	10.6	9.3	10.0	11.1	10.5	10.8
18	6.9	5.9	6.4	---	---	---	10.5	9.2	9.9	11.4	10.7	11.0
19	---	---	---	---	---	---	10.4	9.1	9.8	11.9	10.9	11.3
20	7.3	5.7	6.5	---	---	---	10.0	8.9	9.7	11.9	11.2	11.5
21	7.3	5.7	6.4	---	---	---	10.5	8.9	9.8	11.6	11.1	11.3
22	7.0	5.4	6.1	---	---	---	10.6	9.4	10.0	11.4	10.6	10.9
23	7.6	5.3	6.6	---	---	---	10.7	9.2	9.9	11.6	10.6	11.0
24	7.7	6.0	6.7	9.3	8.5	8.8	---	---	---	12.3	11.2	11.6
25	7.8	6.1	7.2	---	---	---	---	---	---	12.4	11.5	11.9
26	8.3	6.7	7.5	---	---	---	---	---	---	12.3	11.7	12.0
27	8.5	7.0	7.7	---	---	---	---	---	---	12.3	11.6	12.0
28	8.6	7.0	7.8	---	---	---	---	---	---	12.4	11.7	12.0
29	8.1	7.0	7.5	---	---	---	---	---	---	12.3	11.6	11.9
30	7.3	6.4	7.0	---	---	---	---	---	---	11.9	10.9	11.5
31	7.0	6.3	6.7	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	9.8	9.2	9.5	8.2	6.9	7.7	7.1	5.4	6.3
2	11.5	10.5	11.0	10.0	8.8	9.4	8.6	7.5	7.9	7.5	5.5	6.4
3	11.3	10.5	10.9	10.3	9.0	9.6	8.8	7.6	8.1	7.7	5.9	6.6
4	11.0	10.3	10.6	10.1	9.2	9.7	8.6	7.6	8.0	7.6	5.7	6.3
5	11.1	10.2	10.6	10.1	9.1	9.6	8.5	7.4	7.9	7.2	5.8	6.5
6	10.9	10.3	10.6	9.8	9.1	9.5	8.3	6.9	7.5	6.9	5.6	6.2
7	10.7	10.0	10.4	9.7	8.8	9.1	7.7	6.5	7.1	7.0	5.6	6.2
8	11.1	10.1	10.5	10.2	8.9	9.3	7.1	6.2	6.7	6.6	5.2	5.9
9	10.9	10.3	10.7	10.1	8.9	9.5	7.2	6.3	6.7	6.7	5.2	5.9
10	10.9	10.2	10.6	10.3	9.0	9.6	7.8	6.6	7.1	6.5	5.2	5.9
11	10.7	10.1	10.5	10.1	9.2	9.8	7.7	6.9	7.3	6.5	5.0	5.8
12	10.7	10.2	10.5	9.9	9.2	9.6	7.8	7.0	7.4	7.0	4.8	5.9
13	10.8	10.2	10.5	9.5	8.6	9.0	7.9	7.1	7.5	7.8	5.7	6.4
14	10.7	10.1	10.4	9.0	8.2	8.6	8.0	6.9	7.4	7.5	5.9	6.4
15	10.6	9.7	10.2	9.0	8.2	8.5	8.2	7.1	7.5	6.8	5.5	6.0
16	10.1	9.3	9.7	9.1	8.2	8.6	7.7	6.0	6.9	6.9	5.3	5.9
17	10.0	9.0	9.4	8.7	7.8	8.4	7.5	5.8	6.6	6.8	5.0	5.6
18	10.4	9.1	9.6	8.6	7.9	8.2	7.3	5.5	6.3	6.7	4.9	5.7
19	10.8	9.4	10.0	8.6	7.5	8.2	7.2	5.1	6.1	6.9	5.5	6.1
20	10.7	9.6	10.1	8.4	7.4	7.9	7.0	5.1	6.1	7.7	5.7	6.4
21	10.6	9.5	9.9	8.5	7.0	7.8	7.4	5.1	6.4	7.2	5.8	6.5
22	10.3	9.0	9.6	8.6	6.6	7.6	7.7	6.3	7.0	6.9	5.7	6.4
23	10.0	9.0	9.4	8.4	6.3	7.4	7.8	6.6	7.4	6.8	5.8	6.4
24	9.9	9.0	9.5	8.2	6.5	7.2	8.0	6.7	7.4	6.9	5.8	6.4
25	10.1	9.0	9.5	7.9	6.3	7.0	7.6	6.3	7.0	7.5	5.9	6.7
26	9.7	8.9	9.2	7.9	6.1	6.9	7.1	6.0	6.5	7.5	5.9	6.6
27	9.6	8.7	9.1	7.3	5.6	6.4	7.0	5.8	6.4	7.8	5.6	6.4
28	10.1	8.9	9.5	7.6	5.4	6.6	7.4	5.9	6.5	7.9	5.5	6.7
29	---	---	---	---	---	---	7.7	5.4	6.6	8.0	5.9	6.9
30	---	---	---	---	---	---	7.7	5.6	6.6	8.4	6.0	7.1
31	---	---	---	8.5	6.0	7.1	---	---	---	8.2	6.4	7.1
MONTH	---	---	---	---	---	---	8.8	5.1	7.1	8.4	4.8	6.3

02176585 BRICKYARD CREEK NEAR BEAUFORT, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	8.3	6.2	7.0	5.7	4.6	5.2	5.9	4.1	5.0	6.0	4.6	5.1
2	7.7	5.9	6.8	6.8	4.7	5.6	6.1	4.2	4.9	5.6	4.3	4.9
3	7.0	5.4	6.3	7.2	5.0	5.7	6.3	4.7	5.4	5.4	4.5	4.9
4	6.9	5.5	6.1	6.8	5.0	5.7	6.5	4.9	5.7	4.9	3.9	4.5
5	7.6	5.2	6.1	6.2	5.0	5.5	6.2	4.8	5.7	5.0	4.2	4.5
6	6.6	4.7	5.8	6.5	5.0	5.6	6.2	4.9	5.6	5.6	4.4	5.0
7	6.1	4.8	5.5	6.2	5.1	5.7	6.0	4.8	5.4	6.0	5.0	5.5
8	6.2	4.9	5.8	6.5	4.8	5.6	6.2	4.7	5.2	6.1	5.1	5.6
9	6.6	5.2	6.0	7.0	5.0	5.8	6.2	4.5	5.1	6.7	5.3	5.8
10	6.6	5.3	6.0	6.4	5.0	5.6	6.2	4.3	4.9	6.6	5.3	5.8
11	6.9	5.3	6.0	6.1	4.7	5.4	5.7	3.9	4.7	7.6	5.5	6.3
12	7.3	5.1	6.0	6.3	4.3	5.1	5.9	3.9	4.7	7.3	5.9	6.4
13	7.5	4.5	5.7	6.0	4.3	4.9	6.2	4.1	4.9	7.8	5.7	6.4
14	7.6	4.7	5.8	5.5	3.9	4.6	6.4	4.3	5.2	7.7	5.8	6.5
15	7.6	4.9	5.9	5.8	4.0	4.7	6.6	4.4	5.2	7.6	5.8	6.5
16	7.3	4.9	6.0	6.6	4.2	5.0	6.3	4.3	5.1	7.1	5.8	6.4
17	6.6	5.0	5.8	6.8	4.5	5.3	6.3	4.7	5.4	7.4	5.8	6.4
18	6.0	4.7	5.4	6.2	4.5	5.2	6.4	4.9	5.4	7.2	6.2	6.7
19	6.5	4.7	5.4	6.0	4.6	5.3	6.1	4.5	5.2	6.9	5.8	6.5
20	---	---	---	5.8	4.6	5.1	6.0	4.6	5.2	6.6	5.2	6.0
21	---	---	---	6.0	4.6	5.2	5.5	3.9	4.6	6.5	5.1	5.7
22	---	---	---	6.6	4.7	5.7	5.3	4.1	4.6	5.9	4.8	5.3
23	---	---	---	6.5	4.9	5.6	5.7	4.1	4.7	5.6	4.4	4.9
24	6.4	5.0	5.7	5.5	4.4	5.0	5.7	3.9	4.7	5.9	4.2	4.8
25	6.4	4.9	5.6	6.1	4.3	4.9	5.6	3.7	4.5	6.1	4.4	5.0
26	6.4	4.6	5.4	6.0	4.3	5.0	6.2	3.4	4.5	5.7	4.3	4.9
27	6.3	4.6	5.4	6.6	4.3	5.1	6.3	3.7	4.7	6.1	4.4	5.1
28	6.4	4.7	5.3	6.5	4.3	4.9	6.4	3.8	4.8	6.4	4.6	5.2
29	6.6	4.9	5.4	6.8	4.0	4.9	6.5	4.0	5.0	6.4	4.7	5.5
30	7.2	4.6	5.5	7.1	4.0	5.3	6.9	4.0	5.1	6.9	5.3	5.8
31	---	---	---	6.7	4.5	5.3	6.6	4.3	5.2	---	---	---
MONTH	---	---	---	7.2	3.9	5.3	6.9	3.4	5.0	7.8	3.9	5.6

BROAD RIVER BASIN

02176589 BEAUFORT RIVER ABOVE BEAUFORT, SC--Continued

Gage height, feet
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	16.08	6.92	11.78	16.40	7.62	12.56	15.56	7.32	11.86	16.38	8.04	12.53
2	15.80	6.84	11.63	16.55	7.51	12.39	15.09	6.66	11.21	16.22	8.24	12.48
3	15.65	6.83	11.50	16.11	7.12	12.17	15.16	6.80	11.08	15.96	7.73	12.13
4	15.24	6.45	11.24	16.27	7.84	12.43	15.52	7.10	11.38	16.84	8.41	12.69
5	14.55	6.83	11.02	15.70	7.22	12.11	15.33	7.74	11.68	16.54	8.92	13.07
6	14.79	7.87	11.59	15.27	6.98	11.59	16.15	8.08	12.13	16.41	8.57	12.37
7	14.85	7.30	11.32	15.33	8.06	11.83	16.18	8.59	12.47	15.41	8.56	11.94
8	13.91	7.92	11.13	15.33	8.33	12.13	15.41	8.85	12.41	15.45	8.35	11.83
9	14.30	8.68	11.60	15.43	8.95	12.30	16.14	9.60	12.79	15.24	8.16	11.79
10	14.70	8.86	11.52	15.16	9.33	12.49	16.13	9.07	12.72	15.09	7.79	11.81
11	14.38	8.61	11.47	15.38	9.17	12.45	15.91	9.18	12.69	15.27	7.31	11.84
12	14.49	7.63	11.20	15.14	9.05	12.09	16.10	8.36	12.87	15.31	6.63	11.67
13	14.59	7.27	11.24	15.20	8.73	12.16	16.27	8.13	12.82	16.53	6.57	12.08
14	14.89	7.37	11.48	15.52	8.77	12.66	---	---	---	17.16	6.76	12.36
15	15.52	6.68	11.59	16.56	8.79	13.12	---	---	---	17.33	6.83	12.53
16	16.41	6.27	12.20	16.65	7.77	12.68	17.64	6.84	12.69	17.45	6.46	12.23
17	16.74	6.85	12.15	16.93	7.11	12.70	18.06	7.07	12.92	17.78	6.94	12.43
18	16.20	6.36	11.77	17.17	7.10	12.81	17.87	7.43	13.03	17.59	7.77	12.91
19	16.45	6.59	11.94	17.55	7.32	12.93	17.54	7.43	12.75	17.41	7.99	12.85
20	16.26	6.94	11.99	17.17	7.16	12.94	17.54	7.82	12.82	17.42	8.71	12.99
21	16.40	7.60	12.41	16.94	7.09	12.36	17.44	8.42	13.00	16.87	8.34	12.55
22	16.57	7.76	12.57	16.91	7.24	12.18	17.10	8.06	12.62	16.05	8.28	12.51
23	15.71	6.43	11.03	16.42	7.56	12.21	15.94	8.70	12.76	15.58	8.20	12.26
24	15.30	7.44	11.53	16.32	8.09	12.39	16.13	8.59	12.71	15.60	8.41	12.58
25	15.32	7.58	11.66	16.23	8.55	12.53	15.99	8.55	12.79	15.78	8.51	12.70
26	15.83	8.45	12.48	15.89	8.13	12.34	15.78	8.05	12.61	15.74	8.11	12.46
27	16.39	8.30	12.61	16.05	8.43	12.82	16.22	8.14	12.80	15.62	7.93	12.26
28	15.97	7.71	12.21	16.54	8.69	13.05	16.30	8.37	12.88	16.25	8.23	12.56
29	---	---	---	16.18	7.94	12.59	16.22	7.83	12.58	15.82	7.88	12.20
30	---	---	---	15.84	7.23	11.98	16.29	7.79	12.41	16.23	7.89	12.21
31	---	---	---	15.70	7.29	11.84	---	---	---	15.74	7.76	12.10
MONTH	16.74	6.27	11.71	17.55	6.98	12.41	---	---	---	17.78	6.46	12.35

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	16.06	7.36	11.77	16.78	7.79	12.21	16.21	6.94	11.77	16.27	7.11	12.12
2	16.31	8.02	12.18	15.72	7.66	12.02	16.16	7.12	12.02	16.15	7.35	12.07
3	16.08	8.70	12.49	15.65	7.14	11.55	15.99	7.17	12.05	16.11	7.58	12.10
4	16.04	7.99	12.15	15.65	7.08	11.53	15.63	7.15	11.72	16.23	7.69	12.22
5	15.58	7.84	11.72	15.55	7.38	11.75	15.78	6.96	11.74	16.64	7.59	12.48
6	15.63	8.29	12.18	15.45	7.37	11.76	15.95	6.75	11.71	16.94	8.70	13.22
7	16.06	8.16	12.20	15.38	7.13	11.71	16.28	6.92	11.95	17.09	8.57	13.22
8	15.51	7.64	11.92	15.67	6.74	11.71	16.54	6.96	12.20	17.19	8.12	13.13
9	15.70	7.02	11.96	16.25	6.79	11.95	16.61	6.54	12.05	17.39	8.33	13.24
10	16.42	7.16	12.38	16.66	6.61	12.08	16.44	6.34	11.73	17.02	8.42	13.19
11	16.97	6.85	12.55	16.78	6.12	11.94	16.44	6.61	11.77	17.17	8.80	13.43
12	17.20	6.13	12.46	16.80	5.59	11.76	16.45	6.72	11.88	16.96	8.81	13.36
13	17.20	6.39	12.15	16.73	6.42	11.96	16.43	6.97	11.99	16.35	8.59	12.91
14	17.20	6.43	12.12	16.56	6.45	11.90	16.07	7.26	12.12	16.33	8.35	12.81
15	17.18	6.51	12.02	16.61	6.89	11.95	15.67	7.25	12.03	16.00	8.72	12.76
16	16.84	6.87	12.02	16.09	7.12	11.96	15.60	7.40	12.05	15.97	8.89	12.89
17	16.72	7.34	12.29	15.96	7.14	11.77	15.17	7.38	11.84	16.25	10.20	13.27
18	16.72	7.66	12.48	15.58	7.24	11.85	14.95	7.50	11.67	16.03	9.81	13.02
19	16.39	7.49	12.22	15.28	7.29	11.71	15.33	8.33	11.92	15.20	9.00	12.27
20	15.57	7.67	11.98	15.17	7.57	11.90	15.43	8.56	12.22	15.72	9.02	12.44
21	15.88	7.97	12.55	15.40	8.10	12.02	15.35	8.60	12.17	16.34	9.28	12.99
22	15.94	8.60	12.70	14.87	7.61	11.54	15.31	8.47	12.00	16.60	9.20	13.30
23	15.79	8.40	12.56	14.66	7.67	11.20	15.24	8.20	11.83	16.68	8.11	12.97
24	15.70	8.12	12.39	14.83	7.79	11.35	15.80	7.85	12.00	17.35	8.55	13.34
25	15.75	7.98	12.28	15.15	7.79	11.74	16.44	7.96	12.54	17.71	8.20	13.46
26	15.94	7.98	12.30	15.80	7.92	12.04	16.64	7.43	12.36	17.64	8.03	13.45
27	16.12	7.78	12.21	15.95	7.47	11.91	16.79	7.13	12.26	17.65	7.96	13.46
28	16.34	7.95	12.29	15.91	7.04	11.71	16.60	6.79	12.08	17.59	7.76	13.14
29	15.81	7.43	11.93	16.25	6.96	11.65	16.65	6.85	12.15	17.41	7.84	13.07
30	16.19	7.76	12.02	16.25	6.86	11.66	16.40	7.09	12.25	17.36	8.29	13.18
31	---	---	---	16.10	6.91	11.73	16.26	7.05	12.15	---	---	---
MONTH	17.20	6.13	12.22	16.80	5.59	11.79	16.79	6.34	12.01	17.71	7.11	12.95

BROAD RIVER BASIN

02176589 BEAUFORT RIVER ABOVE BEAUFORT, SC--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	46800	43600	45600	46500	42800	44700	39200	32000	36000	39700	32700	36400
2	46700	43900	45600	46000	42100	44200	40100	34000	37100	39800	33300	36600
3	46600	44100	45600	45200	42400	43900	40600	35600	38100	40100	33800	37400
4	46600	44500	45700	45300	41800	43700	41000	35700	38700	40200	33900	37600
5	46500	44300	45800	45000	41900	43600	40900	35000	38500	40200	33100	36700
6	46500	43600	45700	44800	41900	43600	40800	31500	37300	39900	33900	37000
7	46400	43300	45200	44800	39200	42700	40300	30300	35200	39400	34700	37400
8	46300	44600	45500	44000	38800	41600	38200	28800	33200	39800	36000	38100
9	46300	44400	45500	43700	39200	41300	37400	27700	31700	40100	36500	38600
10	46300	44200	45400	43200	38700	40900	35500	26600	30800	40400	36400	39000
11	46200	44900	45600	42700	38500	40300	35100	28900	31800	41200	36700	39700
12	46400	45200	45900	42100	38400	40000	35900	28800	32600	41800	37300	40500
13	46900	45600	46400	42000	37300	39800	36700	29600	33400	42100	38200	40900
14	47200	45500	46700	41900	37000	39400	---	---	---	42300	37800	40600
15	47400	45600	46800	41800	37000	38900	---	---	---	42300	36900	40200
16	47800	43700	46500	41800	36800	39300	39700	31100	35700	42200	36900	40000
17	47600	42800	45600	42400	37500	39900	39800	31500	36000	42000	36800	39600
18	47600	44200	46100	42600	37500	40000	39500	31400	35600	41900	33800	38100
19	47900	44800	46400	42500	37400	39900	39500	28600	35100	40100	33300	37000
20	47800	44800	46500	42100	36000	39300	39500	30800	35300	40400	35200	37600
21	48100	45000	46800	42000	36500	39100	39400	31200	36000	40000	35400	37700
22	48100	45100	46700	41900	36500	39200	40100	33000	36900	39800	36000	37900
23	47900	45200	46900	41400	36000	39100	---	---	---	38600	33200	36200
24	47900	45700	47100	41400	35200	38500	---	---	---	38300	33900	36200
25	47800	45300	46900	41300	34900	38100	39600	32500	36400	38200	33900	36200
26	47800	44100	46500	40800	34900	38100	39500	32800	36600	38400	34500	36500
27	47700	43200	45700	40600	32900	37300	39200	32000	36100	38400	34800	36700
28	46800	43000	45000	39800	31500	35400	38900	31500	35300	38800	35200	37000
29	---	---	---	38800	31000	34900	38900	31000	35300	39200	35400	37400
30	---	---	---	39000	32100	35400	39200	32700	36000	39700	36500	38100
31	---	---	---	38300	31900	35300	---	---	---	40200	36300	38400
MONTH	48100	42800	46100	46500	31000	39900	---	---	---	42300	32700	38000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	40400	37500	39000	41400	33500	37700	40100	33600	37300	---	---	---
2	40500	35900	38400	41200	34400	37600	40200	33500	37400	---	---	---
3	40400	35500	38300	41200	35300	38300	40100	34200	37600	---	---	---
4	40400	35400	37900	41300	35700	38600	41100	32700	37800	---	---	---
5	40000	35100	37700	41300	35500	38800	41200	30700	37200	---	---	---
6	39900	34300	37300	41200	35200	38700	41500	32800	37900	---	---	---
7	39800	34200	37200	43000	35600	40100	41700	33400	38300	---	---	---
8	39600	34600	37500	43100	37300	41500	42000	33900	38700	---	---	---
9	39900	35000	37800	43600	37500	41600	42400	34400	38900	40000	31400	35600
10	40400	35100	38200	43900	37600	42000	42300	34900	39100	39800	31500	35800
11	40900	35400	38600	44000	38300	42200	42000	34300	39100	39800	31900	36000
12	41300	35100	38900	44000	38500	42100	42100	33700	38800	39800	32200	36100
13	41500	36100	39200	43700	38500	42000	41800	33100	38400	39500	32800	36200
14	41600	35700	39300	43400	35400	41000	41400	32500	37500	39600	32800	36300
15	41600	36000	39400	43300	35400	40300	41200	32000	36800	39600	32800	36000
16	42800	36700	40100	43200	35800	40400	40500	32600	37000	39400	32800	36000
17	42700	35800	40000	43200	36700	40800	40400	33500	37300	39000	32300	35300
18	42300	35800	39400	43000	36000	40600	40700	33600	37500	39200	32800	35600
19	42000	36100	39300	42900	37400	40900	39400	31100	35500	---	---	---
20	41600	36200	39500	41400	35300	39200	38000	29500	33700	---	---	---
21	41600	35000	38900	42200	34800	39100	37400	28600	32800	40000	31400	36300
22	41000	34400	37900	42500	36900	40400	37100	29000	33000	40500	31600	36500
23	40600	34900	38000	42600	32800	40400	37700	29100	33700	40800	34000	37200
24	40700	34900	38100	41300	32500	37900	38600	31100	34500	---	---	---
25	40900	35000	38200	40600	32100	36600	---	---	---	41900	33700	37800
26	41500	35300	38500	40100	30300	35200	---	---	---	41900	33500	38200
27	42300	36100	39300	39900	29800	34800	---	---	---	42200	34100	38600
28	42300	37000	39800	39600	31300	35600	---	---	---	42500	34900	38900
29	41600	33000	37400	40000	33000	36700	---	---	---	42800	35200	39300
30	41300	33500	37600	40100	34200	37200	---	---	---	43000	35900	39700
31	---	---	---	40000	34400	37600	---	---	---	---	---	---
MONTH	42800	33000	38600	44000	29800	39200	---	---	---	---	---	---

BROAD RIVER BASIN

02176589 BEAUFORT RIVER ABOVE BEAUFORT, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

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	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
16	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
17	---	---	---	---	---	---	---	---	---	---	9.4	8.9	9.1	---	
18	---	---	---	---	---	---	---	---	---	---	8.7	7.5	8.1	---	
19	---	---	---	---	---	---	---	---	---	---	7.9	6.5	7.4	---	
20	---	---	---	---	---	---	---	---	---	---	8.5	6.2	7.5	---	
21	---	---	---	---	---	---	---	---	---	---	10.8	8.0	8.8	---	
22	---	---	---	---	---	---	---	---	---	---	10.2	9.0	9.5	---	
23	---	---	---	---	---	---	---	---	---	---	9.1	7.7	8.5	---	
24	---	---	---	---	---	---	---	---	---	---	7.8	4.9	6.6	---	
25	---	---	---	---	---	---	---	---	---	---	7.0	5.0	6.4	---	
26	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
27	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
28	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
29	---	---	---	---	---	---	---	---	---	---	8.1	6.7	7.2	---	
30	---	---	---	---	---	---	---	---	---	---	9.3	7.7	8.3	---	
31	---	---	---	---	---	---	---	---	---	---	9.4	8.3	8.8	---	
MONTH	---	---	---	---	---	---	---	---	---	---	---	---	---	---	

DAY	MAX	MIN	MEAN	FEBRUARY			MARCH			APRIL			MAY		
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	10.3	8.3	9.0	12.6	12.2	12.4	18.4	16.6	17.6	25.1	24.0	24.5	---	---	---
2	10.9	8.7	9.6	14.3	12.6	13.1	19.1	16.5	17.7	26.4	23.9	24.6	---	---	---
3	11.7	9.3	10.2	14.4	13.0	13.6	20.1	17.4	18.4	25.5	24.2	24.7	---	---	---
4	12.6	10.1	11.1	14.1	13.3	13.7	20.4	18.2	19.0	27.1	24.2	25.0	---	---	---
5	12.2	10.3	11.1	15.2	13.6	14.2	22.1	18.9	19.9	26.4	24.8	25.3	---	---	---
6	11.4	10.6	11.0	16.1	14.2	15.1	21.8	19.8	20.8	27.5	25.1	25.7	---	---	---
7	10.8	10.3	10.5	15.6	14.7	15.3	22.4	20.3	20.8	27.6	25.6	26.2	---	---	---
8	10.8	9.7	10.2	16.1	14.2	14.9	22.4	19.3	20.1	28.3	26.0	26.6	---	---	---
9	10.6	10.0	10.3	16.1	15.0	15.6	19.7	18.3	18.9	28.7	26.5	27.2	---	---	---
10	11.3	10.2	10.6	17.3	15.3	16.0	18.6	16.3	17.6	28.8	27.0	27.7	---	---	---
11	11.0	10.1	10.6	18.1	16.0	16.7	17.5	15.5	16.4	28.5	27.2	27.7	---	---	---
12	10.9	10.1	10.5	18.9	16.9	17.6	17.6	15.5	16.6	28.1	25.7	27.1	---	---	---
13	10.8	10.1	10.5	18.7	17.6	18.2	18.9	17.2	17.8	26.4	25.3	25.9	---	---	---
14	11.1	10.4	10.7	18.7	17.1	18.0	---	---	---	25.6	24.9	25.3	---	---	---
15	12.8	10.7	11.4	17.3	15.6	16.5	---	---	---	25.2	24.4	24.9	---	---	---
16	12.7	11.4	12.0	16.2	15.3	15.8	22.5	19.8	20.8	26.5	24.5	25.3	---	---	---
17	11.8	10.9	11.3	16.1	15.8	15.9	23.2	20.4	21.4	27.2	25.3	26.0	---	---	---
18	11.4	10.2	10.7	17.3	15.9	16.3	22.9	21.2	21.9	26.5	25.7	26.0	---	---	---
19	12.4	10.1	11.0	18.1	16.4	17.0	23.3	21.5	22.1	25.8	24.8	25.3	---	---	---
20	12.9	11.1	11.8	18.8	17.0	17.8	23.0	21.6	22.1	25.2	23.1	24.4	---	---	---
21	13.3	11.6	12.4	20.3	17.6	18.7	23.3	21.8	22.3	24.9	24.1	24.6	---	---	---
22	14.3	12.1	13.1	21.4	18.3	19.5	23.8	22.0	22.6	24.6	24.1	24.4	---	---	---
23	14.2	12.8	13.4	20.5	19.0	19.7	22.9	20.8	22.1	25.2	23.9	24.4	---	---	---
24	14.6	12.7	13.4	20.9	18.9	19.8	22.7	21.6	22.1	25.4	24.3	24.8	---	---	---
25	15.0	13.3	14.0	21.2	19.4	20.1	22.5	21.7	22.0	26.5	25.0	25.5	---	---	---
26	15.0	13.8	14.3	21.3	19.9	20.4	22.2	21.2	21.7	26.5	25.6	26.1	---	---	---
27	14.1	12.6	13.5	21.1	20.3	20.6	22.8	21.6	22.1	26.9	25.9	26.2	---	---	---
28	12.8	12.0	12.5	21.0	19.9	20.4	23.7	22.1	22.8	26.6	25.7	26.1	---	---	---
29	---	---	---	22.4	20.5	21.3	25.1	22.7	23.5	26.7	25.5	26.0	---	---	---
30	---	---	---	22.1	19.0	20.8	26.0	23.4	24.2	26.4	24.9	25.6	---	---	---
31	---	---	---	19.2	17.3	18.3	---	---	---	27.1	25.2	25.9	---	---	---
MONTH	15.0	8.3	11.5	22.4	12.2	17.2	---	---	---	28.8	23.1	25.6	---	---	---

02176589 BEAUFORT RIVER ABOVE BEAUFORT, SC--Continued

Temperature, water, degrees Celsius
 WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	27.2	25.5	26.1	29.1	28.5	28.7	30.4	29.1	29.8	31.5	30.7	31.1
2	27.8	25.8	26.4	28.7	27.4	28.1	31.3	29.0	30.0	31.7	30.0	30.9
3	26.6	26.0	26.2	29.8	27.2	28.2	31.5	29.4	30.3	31.3	30.3	30.9
4	26.2	25.4	25.8	30.1	28.1	28.8	31.3	29.6	30.3	31.0	30.1	30.7
5	28.2	25.3	26.3	30.2	28.5	29.1	30.6	28.6	30.0	30.9	29.5	30.3
6	27.1	26.5	26.8	30.9	29.0	29.6	30.3	29.2	29.8	29.7	26.7	28.5
7	27.2	26.4	26.7	30.4	29.4	29.8	29.8	29.0	29.5	27.1	25.5	26.3
8	27.6	26.4	26.9	31.0	29.4	30.0	29.5	28.8	29.2	26.2	25.0	25.5
9	28.4	26.7	27.3	31.4	30.1	30.6	29.6	28.6	29.1	26.2	24.7	25.4
10	28.8	27.4	28.0	31.6	30.5	30.9	30.1	28.9	29.3	25.7	25.2	25.5
11	29.6	27.9	28.5	31.8	30.4	30.7	29.6	28.8	29.1	25.8	24.4	25.1
12	30.0	28.3	28.9	31.5	30.0	30.5	29.9	28.3	29.0	25.4	24.7	25.0
13	30.6	28.5	29.1	30.0	29.3	29.7	30.5	28.6	29.3	26.7	24.3	25.3
14	30.9	28.6	29.3	29.4	28.7	28.9	30.9	29.2	29.9	28.0	25.4	26.3
15	31.3	28.9	29.7	29.3	28.0	28.6	31.5	29.8	30.4	28.6	26.4	27.2
16	31.9	29.5	30.2	30.6	28.1	29.0	31.6	29.9	30.7	28.5	27.2	27.7
17	30.4	29.7	30.0	31.3	28.7	29.8	31.5	29.6	30.6	27.9	26.4	27.2
18	30.2	29.3	29.7	31.5	29.4	30.2	31.6	29.8	30.7	27.1	25.1	26.4
19	30.7	28.6	29.6	31.2	29.4	30.1	31.7	29.7	30.8	27.0	25.4	26.3
20	30.7	29.0	29.7	31.2	29.0	30.1	31.5	30.4	30.9	27.5	26.1	26.7
21	30.5	28.8	29.7	31.2	30.0	30.6	31.1	30.0	30.7	27.6	26.7	27.1
22	30.3	28.8	29.6	30.9	29.7	30.2	31.0	29.9	30.6	27.5	27.0	27.3
23	30.4	28.8	29.7	30.1	27.6	29.2	31.2	30.0	30.4	27.4	27.0	27.2
24	30.4	29.2	29.8	28.5	27.5	28.1	30.8	29.9	30.3	27.3	26.7	27.0
25	30.8	29.5	30.0	28.4	27.4	27.7	30.4	29.8	30.1	27.3	26.3	26.7
26	30.6	29.6	30.1	28.0	27.2	27.6	31.5	29.6	30.2	27.2	26.5	26.7
27	31.0	29.5	30.0	29.6	27.5	28.1	31.9	30.0	30.6	27.6	26.3	26.8
28	30.3	29.0	29.6	29.6	27.9	28.4	32.1	30.1	30.8	27.8	26.5	27.1
29	29.4	28.4	28.8	30.3	28.2	28.9	31.8	30.1	30.9	26.8	24.8	25.7
30	29.8	28.0	28.8	31.1	28.4	29.4	32.2	30.4	31.1	25.5	23.3	24.5
31	---	---	---	30.9	29.0	29.7	32.3	30.6	31.3	---	---	---
MONTH	31.9	25.3	28.6	31.8	27.2	29.3	32.3	28.3	30.2	31.7	23.3	27.1

BROAD RIVER BASIN

02176589 BEAUFORT RIVER ABOVE BEAUFORT, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	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	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	12.1	10.9	11.3
18	---	---	---	---	---	---	---	---	---	12.4	11.0	11.5
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	12.9	11.4	12.0
21	---	---	---	---	---	---	---	---	---	12.9	11.5	11.9
22	---	---	---	---	---	---	---	---	---	12.1	10.9	11.4
23	---	---	---	---	---	---	---	---	---	13.1	10.7	11.5
24	---	---	---	---	---	---	---	---	---	13.9	11.3	12.1
25	---	---	---	---	---	---	---	---	---	13.7	11.6	12.4
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	13.6	12.1	12.6
30	---	---	---	---	---	---	---	---	---	12.8	11.5	12.1
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	12.2	10.7	11.4	9.6	9.0	9.4	9.8	8.1	8.8	6.9	5.7	6.3
2	12.2	10.8	11.5	9.7	8.9	9.2	9.4	8.1	8.8	7.3	5.2	6.1
3	12.3	10.8	11.5	10.0	8.9	9.4	9.6	7.8	8.7	7.4	5.4	6.3
4	11.8	10.6	11.2	10.1	9.0	9.7	9.3	7.9	8.7	---	---	---
5	11.9	10.5	11.3	10.1	9.2	9.7	9.1	7.9	8.6	---	---	---
6	12.1	10.7	11.2	9.9	9.1	9.6	8.7	7.5	8.2	---	---	---
7	11.8	10.4	11.0	9.7	8.8	9.2	8.4	7.1	7.7	---	---	---
8	12.3	10.5	11.1	10.0	8.6	9.2	7.8	6.9	7.3	---	---	---
9	11.8	10.8	11.3	9.8	8.9	9.4	7.8	6.7	7.2	---	---	---
10	11.6	10.6	11.1	10.6	8.9	9.6	8.1	7.0	7.6	---	---	---
11	11.8	10.7	11.1	10.2	9.3	9.8	8.4	7.5	7.8	---	---	---
12	11.4	10.8	11.1	9.8	9.2	9.6	8.4	7.7	7.9	---	---	---
13	11.6	10.7	11.1	9.4	8.4	9.0	8.1	7.7	7.9	---	---	---
14	11.6	10.6	11.0	8.9	8.1	8.5	---	---	---	7.1	5.3	6.1
15	11.4	10.4	11.0	8.7	8.0	8.4	---	---	---	6.8	5.2	5.9
16	11.1	9.8	10.5	8.5	8.0	8.3	8.3	7.3	7.7	7.2	4.9	6.0
17	10.8	9.6	10.2	8.6	7.8	8.4	8.3	6.9	7.6	7.3	5.3	6.2
18	11.2	9.7	10.3	8.8	8.0	8.4	7.9	7.0	7.5	6.8	4.9	6.0
19	11.5	9.9	10.7	9.1	8.1	8.6	8.1	6.6	7.3	6.8	5.0	6.1
20	11.2	10.2	10.8	8.8	8.2	8.6	8.1	6.7	7.3	7.4	5.3	6.3
21	11.0	9.9	10.6	9.2	7.7	8.5	7.8	6.5	7.2	7.0	5.7	6.4
22	10.7	9.8	10.2	9.3	7.8	8.6	8.2	6.6	7.2	7.0	5.5	6.2
23	10.6	9.5	10.0	9.1	7.8	8.6	8.8	6.8	7.5	7.1	5.7	6.3
24	10.4	9.4	10.0	9.1	7.6	8.6	8.2	7.0	7.6	7.2	5.9	6.5
25	10.3	9.5	10.0	9.6	7.5	8.7	7.8	6.1	7.1	7.0	6.0	6.5
26	10.1	9.1	9.6	9.1	7.7	8.6	7.0	6.0	6.6	6.8	5.7	6.4
27	9.7	9.0	9.3	8.8	7.4	8.3	7.2	6.1	6.7	6.7	5.7	6.3
28	9.8	9.1	9.4	8.6	7.6	8.2	7.4	6.3	6.8	7.2	5.5	6.5
29	---	---	---	8.3	7.6	8.0	7.9	6.0	6.8	7.8	5.9	6.7
30	---	---	---	8.1	7.3	7.7	7.9	6.0	6.8	7.9	6.1	6.9
31	---	---	---	9.1	7.7	8.3	---	---	---	7.6	6.2	6.8
MONTH	12.3	9.0	10.7	10.6	7.3	8.8	---	---	---	---	---	---

02176589 BEAUFORT RIVER ABOVE BEAUFORT, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.6	5.9	6.6	5.7	4.7	5.2	6.7	4.8	5.6	6.8	5.6	6.2
2	---	---	---	6.9	5.2	5.8	7.6	4.8	5.9	7.0	4.9	5.8
3	6.5	5.4	6.0	7.2	5.5	6.1	7.9	5.0	6.0	---	---	---
4	6.5	5.0	5.8	6.9	5.2	6.0	7.1	5.0	5.9	---	---	---
5	6.8	4.8	5.6	7.5	5.8	6.6	6.5	4.6	5.5	---	---	---
6	6.0	4.5	5.3	6.6	4.9	5.8	5.9	4.7	5.3	---	---	---
7	6.0	4.3	5.1	7.2	5.2	5.9	5.7	4.3	5.0	---	---	---
8	5.9	3.9	5.2	7.0	5.9	6.5	5.6	4.5	5.0	---	---	---
9	6.6	4.0	5.3	6.8	5.3	6.0	5.8	4.6	5.1	6.0	5.0	5.4
10	6.5	4.9	5.9	6.8	4.9	5.6	6.0	4.6	5.2	6.0	5.0	5.4
11	6.3	5.3	5.9	6.6	5.1	5.8	5.6	4.5	4.9	7.2	5.4	6.0
12	6.7	5.3	5.9	6.2	4.0	4.9	5.7	4.1	4.8	7.0	5.8	6.2
13	7.4	5.1	5.9	5.5	3.8	4.4	6.3	4.1	5.1	7.7	5.5	6.3
14	7.3	4.8	5.9	4.8	3.6	4.4	6.6	4.7	5.5	7.7	5.6	6.5
15	7.2	4.6	5.8	5.0	3.4	4.2	6.5	4.5	5.4	7.6	5.9	6.6
16	7.4	4.5	6.2	6.1	3.9	4.7	6.6	4.5	5.4	7.2	6.1	6.7
17	6.8	5.3	6.1	6.8	3.4	4.8	6.7	5.0	5.7	7.5	6.0	6.7
18	6.6	4.8	5.8	6.7	3.1	4.8	6.8	4.8	5.6	7.6	6.3	6.9
19	7.1	4.7	5.8	7.1	4.2	5.4	6.7	4.5	5.7	7.2	6.3	6.8
20	7.5	4.9	6.0	6.6	3.4	5.3	6.1	4.8	5.5	7.1	6.0	6.5
21	8.0	5.4	6.3	6.1	3.4	5.3	5.9	4.2	5.0	6.7	5.9	6.3
22	7.3	5.6	6.3	6.5	4.8	5.7	5.6	4.3	5.0	6.3	5.5	5.9
23	7.1	5.5	6.2	6.5	5.5	5.9	5.6	4.2	5.1	6.0	4.8	5.3
24	6.9	5.5	6.3	6.1	4.9	5.6	5.6	4.1	4.9	5.7	4.6	5.0
25	6.8	5.7	6.2	5.8	5.1	5.4	5.3	3.6	4.5	5.8	4.6	5.2
26	6.8	5.4	6.0	6.1	5.0	5.5	5.9	3.8	4.7	5.9	4.5	5.1
27	7.2	5.4	6.1	6.1	4.9	5.4	6.9	4.2	5.1	6.4	4.6	5.3
28	6.7	5.1	5.9	6.0	4.5	5.0	7.2	4.6	5.5	6.9	4.6	5.5
29	6.4	5.0	5.7	6.4	4.4	5.2	7.4	4.8	5.9	6.5	4.5	5.6
30	6.8	4.8	5.6	7.4	4.8	5.7	8.0	5.2	6.3	7.0	5.0	5.9
31	---	---	---	7.2	4.8	5.8	8.3	5.3	6.6	---	---	---
MONTH	---	---	---	7.5	3.1	5.4	8.3	3.6	5.4	---	---	---

BROAD RIVER BASIN

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 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, 3.32 ft, Nov. 6, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 15.16 ft, Apr. 17; minimum gage height, 3.32 ft, Nov. 6.

Gage height, feet												
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	13.61	6.87	10.31	13.71	5.29	10.12	12.61	3.34	8.85	14.34	3.84	9.29
2	13.63	6.07	10.16	13.90	5.16	10.11	13.70	4.21	9.41	---	---	---
3	13.82	5.27	10.00	14.12	4.78	9.94	13.49	3.65	9.22	---	---	---
4	14.21	4.82	9.99	14.20	4.32	9.80	14.98	4.36	9.97	---	---	---
5	14.18	4.39	9.86	14.67	4.38	10.02	14.27	4.73	9.67	---	---	---
6	14.29	4.26	9.79	13.90	3.32	8.91	13.77	4.50	9.33	---	---	---
7	14.33	4.61	10.00	13.82	4.13	9.23	13.47	4.91	9.29	---	---	---
8	14.67	4.84	10.13	13.61	5.22	9.60	13.00	4.91	9.11	11.45	4.78	8.31
9	14.67	5.63	10.28	13.40	5.65	9.64	12.98	5.63	9.42	11.41	5.23	8.47
10	14.65	5.96	10.49	12.94	5.78	9.48	13.43	7.03	10.22	11.37	5.56	8.49
11	13.84	6.25	10.36	12.38	5.68	9.18	12.85	6.12	9.64	11.36	6.09	8.89
12	13.63	6.40	10.08	12.05	5.91	9.19	11.77	5.97	9.01	11.59	6.31	9.08
13	13.55	6.70	10.21	12.21	5.40	9.13	12.18	5.72	9.62	12.24	5.61	9.17
14	13.99	7.27	10.86	12.58	6.27	9.85	11.98	4.58	8.38	12.11	5.21	9.13
15	14.51	8.18	11.64	13.11	6.23	10.24	12.06	5.14	8.96	11.92	5.21	8.94
16	13.74	6.84	10.94	13.18	6.21	10.10	12.16	4.95	8.91	12.77	4.86	9.28
17	13.56	6.61	10.40	13.12	4.79	9.13	12.73	4.68	9.31	12.15	4.22	8.46
18	13.53	5.97	10.28	12.25	3.77	8.87	13.37	5.44	9.83	13.07	4.02	9.02
19	13.35	6.22	10.14	12.92	4.98	9.39	13.54	5.55	9.71	12.30	3.36	8.20
20	13.23	5.99	9.93	13.28	5.04	9.56	13.30	4.23	8.92	12.00	3.40	7.94
21	13.14	5.64	9.78	13.48	5.51	9.69	12.39	4.09	8.35	12.31	3.36	8.08
22	13.14	5.61	9.78	12.97	5.10	9.00	12.42	4.04	8.38	12.97	4.06	8.91
23	13.38	6.04	9.94	12.45	5.02	8.77	12.45	4.19	8.51	---	---	---
24	13.36	6.46	10.07	12.38	5.18	8.80	13.60	5.07	9.34	---	---	---
25	13.52	6.39	10.06	12.37	5.38	8.86	12.10	4.06	8.22	---	---	---
26	13.13	6.44	9.81	12.52	5.38	8.97	12.52	4.34	8.52	---	---	---
27	12.83	6.36	9.65	12.32	5.33	8.83	12.68	5.16	9.11	---	---	---
28	12.95	6.63	9.76	12.72	5.46	9.18	12.26	4.80	8.91	---	---	---
29	12.96	6.28	9.62	12.83	4.85	9.25	12.55	4.09	8.79	12.65	4.36	8.84
30	13.16	6.08	9.82	11.94	3.34	8.44	13.28	4.23	9.30	12.75	4.04	8.88
31	13.37	5.79	10.02	---	---	---	13.50	4.15	9.42	12.69	4.09	8.82
MONTH	14.67	4.26	10.13	14.67	3.32	9.38	14.98	3.34	9.15	---	---	---

BROAD RIVER BASIN

02176603 BEAUFORT RIVER AT BEAUFORT, SC--Continued

Gage height, feet
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	12.79	4.37	8.80	13.36	4.97	9.66	12.69	4.76	9.08	13.42	5.45	9.68
2	12.49	4.26	8.64	13.49	4.85	9.50	12.22	4.09	8.45	13.31	5.64	9.66
3	12.34	4.25	8.52	13.18	4.50	9.32	12.28	4.22	8.32	13.03	5.13	9.32
4	11.97	3.89	8.28	13.25	5.18	9.58	12.57	4.49	8.59	13.87	5.82	9.86
5	11.31	4.25	8.08	12.70	4.58	9.25	12.39	5.14	8.88	13.50	6.31	10.21
6	11.56	5.21	8.60	12.26	4.34	8.76	13.22	5.49	9.30	13.44	5.95	9.54
7	11.60	4.70	8.36	12.36	5.40	8.98	13.22	5.97	9.66	12.45	5.94	9.14
8	10.74	5.26	8.18	12.36	5.72	9.29	12.47	6.25	9.58	12.58	5.74	9.04
9	11.08	5.98	8.60	12.45	6.37	9.45	13.17	7.02	9.96	12.29	5.60	8.99
10	11.46	6.12	8.54	12.19	6.72	9.64	13.19	6.44	9.93	12.23	5.23	9.02
11	11.18	5.91	8.51	12.40	6.60	9.63	13.02	6.61	9.89	12.39	4.69	9.06
12	11.27	5.59	8.78	12.19	6.43	9.28	13.24	5.79	10.05	12.50	4.05	8.90
13	11.63	4.62	8.41	12.26	6.10	9.34	13.33	5.33	9.96	13.70	4.05	9.31
14	11.88	4.73	8.64	12.57	6.13	9.81	13.54	4.78	9.83	14.26	4.21	9.55
15	12.56	4.13	8.78	13.66	6.14	10.28	14.09	4.17	9.74	14.39	4.27	9.71
16	13.36	3.67	9.32	13.67	5.16	9.85	14.68	4.23	9.85	14.45	3.94	9.41
17	13.81	4.24	9.30	14.04	4.51	9.89	15.16	4.43	10.07	14.84	4.39	9.61
18	13.19	3.76	8.92	14.25	4.48	9.97	15.00	4.78	10.17	14.65	5.24	10.09
19	13.40	3.98	9.07	14.58	4.73	10.08	14.57	4.80	9.88	14.47	5.48	10.08
20	13.35	4.31	9.11	14.25	4.54	10.08	14.51	5.25	9.97	14.54	6.15	10.19
21	13.38	4.96	9.51	14.02	4.48	9.52	14.44	5.82	10.14	14.02	5.84	9.78
22	13.51	5.10	9.67	14.02	4.66	9.34	14.18	5.50	9.79	13.21	5.78	9.76
23	12.84	3.83	8.22	13.44	4.98	9.36	12.99	6.15	9.91	12.73	5.72	9.54
24	12.20	4.85	8.66	13.35	5.51	9.53	13.18	5.97	9.86	12.80	5.95	9.85
25	12.32	4.96	8.79	13.24	5.97	9.67	13.06	5.94	9.94	13.03	6.03	9.97
26	12.84	5.76	9.60	12.93	5.57	9.52	12.88	5.45	9.77	12.96	5.69	9.76
27	13.38	5.43	9.72	13.06	5.92	9.96	13.25	5.68	9.96	12.71	5.47	9.50
28	13.05	5.07	9.34	13.64	5.91	10.21	13.32	5.77	10.01	13.24	5.55	9.66
29	---	---	---	13.23	5.38	9.78	13.31	5.26	9.75	12.90	5.25	9.36
30	---	---	---	12.91	4.67	9.21	13.34	5.16	9.58	13.25	5.23	9.36
31	---	---	---	12.78	4.72	9.07	---	---	---	12.86	5.12	9.28
MONTH	13.81	3.67	8.82	14.58	4.34	9.57	15.16	4.09	9.66	14.84	3.94	9.55

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	13.10	4.73	8.96	13.83	5.18	9.41	13.16	4.31	8.85	13.29	4.46	9.20
2	13.32	5.35	9.31	12.85	5.06	9.21	13.03	4.45	9.10	13.12	4.68	9.15
3	13.03	6.02	9.58	12.77	4.57	8.77	12.99	4.52	9.13	13.16	4.92	9.21
4	12.89	5.36	9.24	12.72	4.52	8.74	12.65	4.49	8.83	13.21	5.08	9.32
5	12.54	5.15	8.84	12.63	4.84	8.94	12.80	4.35	8.85	13.61	4.95	9.55
6	12.62	5.63	9.29	12.51	4.81	8.96	12.96	4.10	8.82	13.91	6.02	10.26
7	13.05	5.47	9.33	12.51	4.59	8.91	13.29	4.26	9.05	14.07	5.91	10.29
8	12.54	5.03	9.06	12.76	4.18	8.90	13.54	4.34	9.30	14.16	5.48	10.21
9	12.73	4.41	9.10	13.40	4.21	9.13	13.65	3.91	9.17	14.35	5.65	10.31
10	13.43	4.55	9.49	13.78	4.02	9.28	13.47	3.70	8.85	14.00	5.74	10.25
11	14.06	4.26	9.68	13.93	3.60	9.16	13.45	3.96	8.89	---	---	---
12	14.31	3.96	9.61	13.92	3.46	8.99	13.45	4.04	8.99	---	---	---
13	14.29	3.75	9.28	13.89	3.89	9.16	13.43	4.32	9.09	---	---	---
14	14.26	3.77	9.27	13.55	3.84	9.04	13.08	4.60	9.22	---	---	---
15	14.23	3.89	9.15	13.60	4.23	9.04	12.71	4.63	9.15	---	---	---
16	13.86	4.23	9.15	13.17	4.46	9.06	12.61	4.78	9.18	13.02	6.25	10.01
17	13.75	4.69	9.41	12.90	4.50	8.90	12.24	4.77	8.99	13.27	7.52	10.39
18	13.75	5.04	9.61	12.59	4.61	8.98	12.04	4.83	8.83	13.15	7.21	10.18
19	13.52	4.87	9.38	12.37	4.68	8.82	12.35	5.74	9.09	12.28	6.30	9.44
20	12.66	5.07	9.15	12.16	4.91	8.98	12.47	5.90	9.37	12.72	6.34	9.58
21	12.96	5.35	9.72	12.38	5.41	9.11	12.41	6.00	9.35	13.37	6.59	10.11
22	13.02	6.01	9.86	11.91	4.95	8.68	12.39	5.84	9.19	13.67	6.57	10.40
23	12.90	5.82	9.74	11.68	4.94	8.34	12.31	5.47	9.01	13.65	5.47	10.07
24	12.75	5.54	9.57	11.79	5.03	8.47	12.84	5.15	9.14	14.36	5.91	10.44
25	12.81	5.39	9.46	12.15	5.10	8.85	13.44	5.33	9.65	14.70	5.58	10.55
26	13.01	5.40	9.48	12.81	5.16	9.13	13.65	4.83	9.49	14.61	5.37	10.52
27	13.26	5.20	9.43	12.95	4.73	9.01	13.85	4.48	9.40	14.59	5.29	10.53
28	13.36	5.34	9.47	12.96	4.30	8.82	13.66	4.13	9.20	14.59	5.14	10.23
29	12.97	4.83	9.15	13.29	4.30	8.78	13.64	4.21	9.26	14.45	5.22	10.13
30	13.28	5.18	9.24	13.24	4.19	8.78	13.39	4.41	9.33	14.32	5.65	10.21
31	---	---	---	13.05	4.23	8.80	13.20	4.39	9.22	---	---	---
MONTH	14.31	3.75	9.37	13.93	3.46	8.94	13.85	3.70	9.13	---	---	---

BROAD RIVER BASIN

02176603 BEAUFORT RIVER AT BEAUFORT, SC--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	46900	45200	46100	45900	43400	44800	42500	35700	39000	41500	36200	38700
2	46900	45200	46100	45700	43100	44500	42500	37300	39900	41600	36100	38700
3	46800	45200	46100	46000	43200	44800	42800	38300	40500	41800	36600	39100
4	46800	45300	46100	46100	43700	45000	42900	39200	41000	42000	37300	39500
5	46700	45500	46200	45800	43400	44800	42800	39600	41300	41600	36100	39100
6	46700	45700	46200	45600	43700	44700	42700	38200	40900	41600	36700	39000
7	46600	45300	46000	45600	42800	44400	42400	35000	38900	41400	37400	39300
8	46500	45600	46100	45100	41900	43800	41200	33600	37700	41400	37900	39700
9	46600	45700	46200	44800	41900	43500	40600	32400	36400	41700	38400	39900
10	46600	45500	46100	44200	40800	42800	39600	31000	35100	41400	38700	40200
11	46500	45500	46100	43800	40700	42300	39200	31800	35200	41700	39200	40500
12	46600	45700	46100	44200	40900	42500	39200	31500	35500	42700	39400	41100
13	46300	45600	46100	44000	40400	42200	39300	32000	35900	43400	40800	42200
14	46400	45700	46100	44100	39200	42000	40800	32900	37000	43700	41200	42500
15	46600	45700	46200	44100	38700	41400	41000	34000	37800	43700	40500	42500
16	46700	45000	46100	43900	38400	41300	41500	34500	38200	43900	40200	42300
17	46400	43600	45300	44000	38700	41600	42100	35200	38600	43900	37800	42000
18	46200	43700	45200	44100	39000	41700	42100	35300	38700	---	---	---
19	46200	44100	45300	44000	39000	41700	41800	35100	38500	41400	36600	39100
20	46200	44200	45300	43600	38300	41200	41800	35100	38400	41100	36600	38800
21	46200	44400	45400	43200	38600	41000	41900	35700	38700	41000	36900	38700
22	46200	44100	45300	43300	39200	41100	41700	36200	38900	40600	37100	38800
23	45900	44300	45300	43200	39600	41300	41500	36800	39100	39500	35400	37500
24	46000	44900	45500	43200	39400	41300	41500	36200	38800	39100	35300	37400
25	46000	44900	45500	42800	38400	40800	41400	35400	38700	39100	35300	37400
26	46100	44500	45500	42900	38400	40800	40700	35000	38200	39000	35000	37300
27	46000	43600	45200	43100	37200	40700	40600	34900	38000	40700	35300	38000
28	45900	43300	44900	43000	34800	39300	40100	33800	37300	41100	37400	39100
29	---	---	---	42200	34500	38500	41000	34200	37600	41300	37600	39300
30	---	---	---	41900	35200	38400	41200	35500	38400	42000	38400	40000
31	---	---	---	41400	35300	38300	---	---	---	42100	38800	40300
MONTH	46900	43300	45800	46100	34500	42000	42900	31000	38300	---	---	---

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	42800	39400	40800	43400	37400	40400	42200	37700	39900	43000	36800	40100
2	42100	38800	40500	42800	37400	40200	42000	37800	40100	42600	36600	39800
3	42200	39000	40400	42800	38200	40500	42300	38000	40300	43100	37700	40400
4	42200	38500	40400	42800	38600	40700	42100	38000	40200	43300	38200	40800
5	42200	38600	40400	42900	39000	41000	42100	36800	39900	43900	37600	40900
6	42600	38500	40700	42800	39100	41200	42400	37400	40200	43600	35100	40100
7	43000	38500	40700	43100	39600	41500	42500	37800	40400	43400	33700	38500
8	42500	37900	40300	43200	40200	41800	43000	38000	40700	42900	33400	38500
9	42400	36900	39600	43400	40500	42000	43100	38100	40800	42700	34000	38300
10	40600	36700	38800	43900	40500	42300	43200	38400	40900	42500	34400	38400
11	42000	37300	39900	44100	40900	42500	43800	38800	41400	---	---	---
12	43000	38500	40800	44200	41200	42700	44000	39100	41800	---	---	---
13	43100	39100	41200	44200	41400	42900	43900	38400	41600	---	---	---
14	43400	39600	41600	43700	40600	42600	43700	37500	41100	---	---	---
15	44500	40100	42000	43700	40300	42300	43300	37000	40500	---	---	---
16	43900	39700	41300	43700	40400	42300	43000	37100	40400	42000	35700	38800
17	43600	39800	42000	43600	40800	42400	42800	37800	40500	41600	34800	38500
18	43700	39500	41800	43600	41100	42500	42400	38200	40200	42000	34900	38500
19	43500	39600	41800	43500	40600	42500	41500	35300	38700	42100	36800	39200
20	43400	40300	42100	42300	40000	41300	41300	33700	37900	43000	37400	39700
21	43900	40600	42300	42600	39900	41300	40900	33100	37100	43600	36300	39700
22	43800	39700	41900	42700	40300	41600	40800	33200	36900	43800	36000	39900
23	43100	38900	41300	42700	39100	41600	41200	34000	37200	44200	36400	40200
24	42800	38600	40800	42200	37800	40700	41900	34800	37900	45000	37200	41000
25	43000	38600	40800	41800	36200	39800	42300	33400	37800	45400	37500	41400
26	43200	38800	41000	41100	33900	38300	42500	33400	37800	45300	37800	41700
27	43500	39100	41400	40600	33100	37400	43200	34400	38500	45500	38100	41900
28	43600	40000	41800	41600	34300	38200	42900	35300	39100	45500	38600	42100
29	42800	37400	40300	41800	36500	39200	43100	36300	39700	45100	39200	42200
30	43200	37200	40200	42100	37400	39600	43100	36200	39800	45400	39300	42200
31	---	---	---	42200	37800	39800	42600	37000	40100	---	---	---
MONTH	44500	36700	41000	44200	33100	41100	44000	33100	39700	---	---	---

BROAD RIVER BASIN

02176603 BEAUFORT RIVER AT BEAUFORT, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	27.6	26.9	27.4	22.5	21.4	22.2	13.5	11.9	12.9	12.4	11.2	11.7			
2	27.7	26.9	27.3	21.9	20.5	21.4	12.9	11.6	12.4	---	---	---			
3	27.8	27.2	27.5	21.3	20.1	20.8	12.8	11.5	12.3	---	---	---			
4	27.9	27.5	27.7	20.8	19.5	20.3	12.6	10.9	11.9	---	---	---			
5	28.3	27.6	27.8	20.2	19.1	19.7	11.7	10.1	10.9	---	---	---			
6	29.2	27.8	28.3	20.2	19.6	19.9	11.2	10.0	10.8	---	---	---			
7	29.7	28.1	28.7	19.6	18.5	19.1	11.1	10.2	10.8	---	---	---			
8	28.9	28.0	28.5	19.2	18.2	18.9	11.0	10.4	10.8	10.4	9.7	10.1			
9	28.0	26.7	27.2	19.4	18.6	19.1	11.0	10.7	10.8	10.9	9.9	10.3			
10	27.1	25.9	26.6	20.1	19.2	19.5	10.8	10.2	10.5	11.3	10.5	10.9			
11	26.6	25.9	26.3	20.9	19.6	20.1	10.7	10.2	10.5	11.0	10.4	10.7			
12	27.1	25.8	26.5	20.9	20.3	20.6	10.8	10.3	10.5	10.7	9.7	10.2			
13	26.8	26.5	26.7	20.6	19.6	20.2	11.3	10.6	10.8	9.9	9.1	9.6			
14	26.7	24.9	26.2	19.7	18.4	19.2	11.3	10.5	10.9	9.6	8.9	9.3			
15	25.4	23.3	24.7	19.2	18.1	18.8	10.7	10.0	10.4	9.5	8.7	9.2			
16	24.3	22.4	23.5	19.1	18.4	18.8	10.6	9.9	10.3	9.5	8.6	9.1			
17	23.5	22.0	22.8	18.9	16.9	18.2	10.8	10.0	10.4	9.4	8.8	9.2			
18	22.7	21.3	22.1	17.3	15.8	16.7	10.8	10.4	10.6	8.8	7.9	8.5			
19	22.0	20.9	21.6	16.6	15.2	16.1	11.5	10.7	11.0	8.3	7.0	7.7			
20	22.1	21.0	21.7	16.4	15.3	16.1	13.0	11.4	12.0	8.2	6.9	7.7			
21	22.7	21.8	22.2	16.4	15.7	16.1	12.4	11.7	12.0	9.6	7.9	8.5			
22	22.4	22.1	22.3	16.3	15.8	16.1	12.3	11.5	11.8	9.8	8.7	9.2			
23	22.1	21.5	21.8	15.8	15.0	15.4	12.9	11.7	12.1	9.0	8.0	8.6			
24	21.8	21.3	21.6	15.3	14.6	15.1	12.9	12.0	12.4	8.1	6.4	7.2			
25	21.6	21.0	21.2	15.7	14.7	15.2	13.0	12.1	12.6	7.2	5.9	6.8			
26	21.5	20.8	21.2	16.0	15.1	15.5	12.1	11.3	11.7	7.3	6.4	7.0			
27	22.3	21.3	21.6	16.0	15.3	15.7	11.5	10.7	11.3	7.3	6.6	7.0			
28	23.2	21.7	22.2	15.6	14.2	14.9	11.2	10.0	10.8	7.2	6.3	6.9			
29	23.9	22.4	22.9	14.6	13.0	14.0	11.0	9.8	10.5	7.6	6.7	7.2			
30	23.9	22.9	23.4	14.0	12.5	13.4	11.0	10.1	10.6	8.5	7.5	8.0			
31	23.7	22.4	22.9	---	---	---	11.3	10.4	10.9	8.9	7.9	8.4			
MONTH	29.7	20.8	24.6	22.5	12.5	17.9	13.5	9.8	11.2	---	---	---			

DAY	MAX	MIN	MEAN	Temperature, water, degrees Celsius			MAX	MIN	MEAN	MAX	MIN	MEAN
				MAX	MIN	MEAN						
FEBRUARY												
1	9.4	8.1	8.6	12.6	12.3	12.5	18.3	17.2	17.9	24.8	23.6	24.1
2	10.2	8.4	9.1	13.5	12.5	12.9	18.4	17.1	17.8	25.2	23.5	24.2
3	11.0	8.9	9.7	14.1	12.9	13.3	19.0	17.8	18.2	25.0	23.9	24.4
4	11.7	9.6	10.4	14.0	13.0	13.5	19.4	18.3	18.6	25.9	24.0	24.6
5	11.7	9.9	10.6	14.7	13.3	13.8	20.6	18.6	19.3	25.8	24.5	24.9
6	11.1	10.1	10.5	15.6	13.8	14.5	21.2	19.3	20.1	26.3	24.7	25.4
7	10.7	10.1	10.3	15.3	14.2	14.8	21.1	19.5	20.4	26.6	25.2	25.8
8	10.3	9.8	10.0	15.5	14.0	14.6	20.5	19.5	20.1	27.1	25.6	26.2
9	10.3	9.9	10.0	15.7	14.4	15.0	19.5	18.7	19.1	27.6	26.0	26.7
10	11.1	9.9	10.3	16.5	14.7	15.4	18.8	17.1	18.0	28.1	26.5	27.2
11	10.7	9.9	10.4	17.3	15.2	16.1	17.7	16.1	17.0	27.9	26.8	27.4
12	10.7	10.2	10.5	18.0	15.9	16.9	17.6	15.8	16.9	27.8	26.3	27.0
13	10.7	10.2	10.5	18.3	16.5	17.5	18.5	17.2	17.7	26.4	25.6	26.1
14	10.8	10.3	10.6	18.2	16.8	17.5	19.6	17.9	18.7	25.7	25.2	25.5
15	11.7	10.5	11.0	17.4	15.8	16.6	20.9	18.7	19.7	25.2	24.7	25.0
16	12.1	11.1	11.6	16.2	15.6	15.9	21.8	19.4	20.3	25.9	24.7	25.2
17	11.7	10.8	11.2	16.1	15.7	15.9	22.6	20.0	21.0	27.0	25.4	25.8
18	10.9	10.5	10.7	16.8	15.6	16.1	22.6	20.8	21.5	26.4	25.5	25.9
19	11.8	10.3	10.8	17.8	16.0	16.7	22.8	21.2	21.8	25.7	25.0	25.4
20	12.7	10.9	11.5	18.6	16.7	17.5	22.8	21.3	21.9	25.1	23.8	24.6
21	13.0	11.3	12.1	19.8	17.2	18.3	22.9	21.5	22.0	24.8	24.4	24.7
22	13.8	11.8	12.6	20.7	17.9	19.0	23.3	21.8	22.3	24.7	24.3	24.5
23	13.6	12.6	13.0	20.2	18.6	19.3	22.6	21.4	22.0	24.9	24.0	24.5
24	13.8	12.7	13.1	20.5	18.6	19.4	22.4	21.7	22.0	25.4	24.5	24.8
25	14.4	13.0	13.6	20.6	18.9	19.7	22.3	21.7	21.9	26.0	24.9	25.4
26	14.2	13.4	13.9	20.8	19.3	20.1	22.0	21.3	21.7	26.3	25.5	25.9
27	14.0	12.7	13.4	20.7	19.7	20.3	22.4	21.6	22.0	26.3	25.8	26.0
28	12.9	12.1	12.6	20.8	19.7	20.2	23.0	22.0	22.5	26.3	25.5	25.9
29	---	---	---	21.7	20.1	20.9	24.0	22.4	23.1	26.2	25.6	25.9
30	---	---	---	21.8	19.5	20.7	24.7	22.9	23.7	26.1	25.3	25.6
31	---	---	---	19.5	18.0	18.7	---	---	---	26.4	25.4	25.8
MONTH	14.4	8.1	11.2	21.8	12.3	16.9	24.7	15.8	20.3	28.1	23.5	25.5

BROAD RIVER BASIN

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02176603 BEAUFORT RIVER AT BEAUFORT, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	26.4	25.6	26.0	29.1	28.5	28.7	30.2	29.2	29.6	31.4	30.7	31.0
2	27.0	25.8	26.2	28.5	27.8	28.1	30.8	29.2	29.7	31.6	30.4	30.8
3	26.4	26.0	26.1	28.9	27.4	28.1	31.1	29.6	30.0	31.1	30.6	30.8
4	26.0	25.6	25.8	29.2	28.2	28.5	31.1	29.8	30.2	31.0	30.3	30.6
5	27.0	25.5	26.1	29.7	28.4	28.8	30.5	29.6	30.1	30.8	29.7	30.3
6	26.8	26.4	26.6	30.3	28.6	29.2	30.2	29.6	29.9	29.9	26.9	28.9
7	27.0	26.4	26.6	30.1	29.1	29.5	29.8	29.2	29.6	27.8	25.8	26.9
8	27.3	26.5	26.7	30.7	29.3	29.8	29.5	28.9	29.3	26.7	25.2	26.0
9	28.1	26.7	27.1	31.1	29.8	30.3	29.6	28.9	29.2	26.2	24.9	25.7
10	28.4	27.3	27.8	31.1	30.3	30.7	29.6	29.1	29.3	25.8	25.4	25.6
11	28.8	27.8	28.3	31.0	30.3	30.6	29.4	29.0	29.1	---	---	---
12	29.1	28.2	28.6	30.9	30.2	30.5	29.4	28.7	29.0	---	---	---
13	29.6	28.3	28.8	30.3	29.5	29.8	30.1	28.9	29.3	---	---	---
14	29.8	28.4	28.9	29.6	28.9	29.1	30.8	29.2	29.7	---	---	---
15	30.6	28.8	29.4	29.0	28.3	28.7	31.2	29.6	30.2	---	---	---
16	31.2	29.3	29.9	30.1	28.3	29.0	31.3	30.0	30.4	28.4	26.7	27.3
17	30.3	29.4	29.8	30.7	29.0	29.5	31.2	30.0	30.4	27.4	26.6	27.1
18	29.9	29.4	29.6	30.9	29.4	29.9	31.1	30.1	30.5	26.8	25.8	26.4
19	30.1	28.9	29.4	30.7	29.6	30.0	31.5	30.2	30.7	26.7	25.9	26.3
20	30.1	29.1	29.5	30.9	29.5	29.9	31.0	30.6	30.8	27.1	26.3	26.6
21	30.2	29.1	29.5	31.0	30.0	30.4	31.1	30.5	30.7	27.4	26.7	27.0
22	29.9	29.1	29.5	30.6	30.0	30.2	30.9	30.4	30.6	27.4	26.8	27.2
23	30.0	29.1	29.6	30.0	28.6	29.5	30.8	30.2	30.5	27.4	27.0	27.2
24	30.0	29.3	29.7	29.0	28.0	28.6	30.7	30.2	30.4	27.2	26.7	27.0
25	30.1	29.6	29.8	28.7	27.7	28.2	30.4	29.9	30.2	27.2	26.4	26.7
26	30.2	29.7	29.9	28.4	27.4	27.9	30.7	29.7	30.1	27.0	26.4	26.7
27	30.2	29.6	29.8	28.6	27.7	28.2	31.0	30.0	30.4	27.5	26.3	26.7
28	29.9	29.2	29.6	28.8	28.2	28.4	31.4	30.1	30.6	27.8	26.5	27.0
29	29.3	28.6	29.0	29.3	28.3	28.7	31.6	30.2	30.7	26.7	25.6	25.9
30	29.3	28.3	28.8	29.9	28.6	29.1	32.0	30.3	30.8	25.6	24.1	24.9
31	---	---	---	30.4	29.0	29.4	32.2	30.5	31.1	---	---	---
MONTH	31.2	25.5	28.4	31.1	27.4	29.3	32.2	28.7	30.1	---	---	---

BROAD RIVER BASIN

02176603 BEAUFORT RIVER AT BEAUFORT, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	5.8	5.0	5.5	7.0	6.2	6.7	9.7	8.8	9.3	10.3	9.3	9.9
2	5.7	4.8	5.4	7.0	6.3	6.8	9.7	9.0	9.4	---	---	---
3	5.4	4.8	5.2	6.8	6.4	6.7	9.8	8.9	9.4	---	---	---
4	5.2	4.6	4.9	6.7	6.1	6.5	9.6	8.8	9.3	---	---	---
5	5.2	4.1	4.9	6.7	6.0	6.4	9.7	9.0	9.4	---	---	---
6	5.2	4.1	4.7	7.6	6.4	7.0	10.1	9.1	9.6	---	---	---
7	5.5	4.1	4.7	8.1	6.9	7.4	10.5	9.3	9.9	---	---	---
8	5.1	4.0	4.6	8.4	6.8	7.5	10.7	9.3	10.1	11.0	10.3	10.6
9	6.0	4.4	5.2	8.4	6.7	7.5	10.9	9.6	10.3	11.1	10.5	10.7
10	5.9	4.9	5.4	8.1	6.7	7.4	10.9	9.7	10.3	11.1	10.4	10.7
11	5.7	4.9	5.3	7.9	6.9	7.3	10.7	9.7	10.2	11.2	10.4	10.8
12	5.8	4.8	5.3	7.7	6.8	7.3	10.8	9.8	10.3	11.2	10.5	10.8
13	5.6	4.8	5.2	7.9	6.9	7.4	10.7	9.8	10.3	11.1	10.6	10.9
14	5.7	4.9	5.3	7.8	7.1	7.5	10.6	9.8	10.2	11.3	10.7	11.0
15	6.4	5.4	5.8	7.7	7.1	7.4	11.0	9.9	10.4	11.3	10.8	11.0
16	6.5	5.6	6.1	7.4	6.8	7.2	11.1	9.9	10.5	11.1	10.5	10.8
17	6.5	5.8	6.2	7.6	6.6	7.1	11.4	10.0	10.6	10.9	10.0	10.5
18	6.7	6.0	6.3	8.0	7.4	7.7	11.2	10.1	10.5	11.1	9.9	10.6
19	6.7	6.2	6.4	8.1	7.5	7.9	10.4	9.8	10.2	11.2	10.3	10.8
20	6.8	6.2	6.5	8.2	7.6	7.9	10.3	9.7	10.0	11.4	10.4	11.0
21	6.7	6.2	6.5	8.4	7.7	8.1	10.4	9.6	10.0	11.4	10.3	10.9
22	6.7	6.1	6.5	8.8	7.8	8.3	10.5	9.8	10.1	11.3	9.9	10.8
23	7.2	6.3	6.8	9.2	8.3	8.7	10.6	9.8	10.2	11.0	9.7	10.6
24	7.5	6.7	7.0	9.5	8.4	8.9	10.4	9.4	9.9	11.6	10.0	11.0
25	7.8	7.0	7.4	9.7	8.5	9.1	9.9	9.0	9.5	11.9	10.5	11.3
26	7.9	7.0	7.4	9.8	8.4	9.2	10.3	9.4	9.8	11.9	10.6	11.4
27	8.1	7.0	7.4	9.8	8.8	9.3	10.5	9.6	10.0	12.0	10.7	11.4
28	8.2	7.0	7.5	9.8	8.8	9.4	10.6	9.8	10.2	11.9	10.8	11.6
29	7.7	7.0	7.3	9.7	9.0	9.4	10.7	9.9	10.3	11.8	11.1	11.5
30	7.2	6.5	6.9	9.6	8.8	9.4	10.6	9.9	10.2	11.6	11.1	11.4
31	7.0	6.1	6.8	---	---	---	10.5	9.9	10.2	11.3	10.6	11.1
MONTH	8.2	4.0	6.0	9.8	6.0	7.8	11.4	8.8	10.0	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	11.2	10.3	10.8	9.6	8.5	9.2	9.6	6.5	7.7	7.1	5.5	6.5
2	11.1	10.4	10.8	9.6	8.4	9.2	9.5	7.6	8.0	7.4	5.9	6.6
3	11.0	10.4	10.8	10.0	8.4	9.4	9.7	7.7	8.2	7.2	5.9	6.7
4	11.0	10.3	10.7	10.1	9.3	9.7	9.5	7.9	8.2	7.3	6.0	6.6
5	11.0	10.3	10.7	10.0	9.2	9.7	9.0	7.7	8.1	7.2	5.7	6.5
6	11.0	10.5	10.7	9.9	9.0	9.5	8.2	7.2	7.8	7.2	5.6	6.4
7	10.7	9.2	10.1	9.7	8.7	9.3	8.1	6.8	7.3	7.2	5.5	6.4
8	10.9	9.9	10.3	9.8	8.5	9.3	7.3	6.2	6.7	7.3	5.4	6.4
9	11.0	10.6	10.8	9.8	8.7	9.5	7.1	6.3	6.7	7.3	5.4	6.4
10	10.9	10.6	10.8	10.2	8.8	9.6	7.3	6.8	7.1	7.4	5.6	6.4
11	11.2	10.1	10.8	10.4	9.1	9.8	7.5	6.9	7.2	7.2	5.5	6.3
12	11.0	10.1	10.6	10.2	8.8	9.6	7.8	7.0	7.5	8.3	5.5	6.3
13	10.8	10.2	10.5	9.9	8.3	9.2	9.3	7.3	7.7	7.9	5.6	6.4
14	10.8	9.9	10.4	9.6	8.0	8.8	9.6	7.1	7.8	6.7	5.5	6.3
15	10.7	9.6	10.3	9.2	7.8	8.6	9.4	7.2	7.9	6.6	5.6	6.2
16	10.4	9.5	10.0	9.0	7.8	8.4	8.7	7.1	7.7	6.5	5.2	6.0
17	10.0	9.0	9.6	8.8	7.6	8.3	8.7	7.0	7.7	7.1	4.8	5.8
18	10.1	9.0	9.7	8.5	7.8	8.2	9.0	7.0	7.6	6.6	5.3	6.1
19	10.4	9.4	10.0	8.5	7.7	8.3	8.5	6.8	7.4	6.5	5.3	6.0
20	10.5	9.7	10.1	8.5	7.9	8.3	8.6	6.6	7.2	8.0	5.4	6.3
21	10.3	9.2	9.9	8.9	7.5	8.1	7.9	6.3	7.1	6.7	5.5	6.2
22	10.2	9.1	9.8	9.6	7.3	8.2	8.3	6.7	7.3	6.6	5.5	6.0
23	10.1	8.8	9.6	9.1	7.4	8.1	8.3	7.1	7.6	6.7	5.5	6.1
24	10.2	8.6	9.6	10.0	7.1	8.0	8.4	6.9	7.5	7.0	5.5	6.2
25	10.2	8.6	9.6	10.1	7.2	8.2	7.5	6.0	6.9	6.6	5.5	6.1
26	10.0	8.5	9.5	9.6	7.0	8.1	6.9	6.0	6.5	6.4	5.3	5.8
27	9.7	8.5	9.2	10.2	6.9	7.9	7.8	5.5	6.3	8.0	5.0	5.9
28	9.7	8.3	9.1	9.5	6.8	7.8	7.7	4.9	6.2	7.8	5.4	6.0
29	---	---	---	8.3	6.2	7.2	7.6	5.8	6.5	7.7	5.3	6.2
30	---	---	---	7.6	6.2	7.0	7.6	5.7	6.5	7.7	5.6	6.4
31	---	---	---	8.9	6.1	7.1	---	---	---	8.3	5.6	6.5
MONTH	11.2	8.3	10.2	10.4	6.1	8.6	9.7	4.9	7.3	8.3	4.8	6.3

02176603 BEAUFORT RIVER AT BEAUFORT, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	8.1	5.4	6.5	5.6	4.9	5.3	6.3	4.9	5.7	5.4	3.9	4.5
2	8.3	5.4	6.5	6.4	5.1	5.7	6.5	4.8	5.8	---	---	---
3	6.7	5.6	6.3	6.6	5.6	6.1	6.8	4.9	5.9	---	---	---
4	6.5	5.4	6.1	6.5	5.4	6.0	6.5	4.8	5.8	---	---	---
5	7.1	5.4	6.1	6.4	4.7	5.7	6.1	4.7	5.5	---	---	---
6	6.4	5.5	6.0	6.6	4.8	5.8	5.9	4.7	5.4	---	---	---
7	6.1	5.0	5.7	6.4	4.9	5.7	5.7	4.3	5.1	---	---	---
8	6.3	5.1	5.8	5.9	4.9	5.5	5.5	4.1	4.9	---	---	---
9	6.5	5.1	5.9	6.2	5.0	5.6	5.6	4.3	4.9	5.9	5.3	5.6
10	6.5	5.4	6.0	6.7	5.0	5.7	6.0	4.3	5.0	5.9	5.1	5.5
11	6.6	5.5	6.1	6.3	5.0	5.7	5.8	4.3	5.1	---	---	---
12	6.7	5.4	6.1	6.0	4.9	5.4	6.0	4.6	5.4	---	---	---
13	6.9	5.4	6.1	5.5	4.7	5.1	7.2	4.8	5.7	---	---	---
14	6.8	5.3	6.1	5.3	4.4	4.9	7.6	5.2	6.1	---	---	---
15	7.2	5.2	6.2	5.1	4.3	4.7	6.6	5.5	6.1	---	---	---
16	7.1	5.1	6.4	5.7	4.4	5.0	6.7	5.2	5.9	6.8	5.7	6.2
17	6.8	5.4	6.2	6.2	4.7	5.4	6.6	4.6	5.5	6.9	5.6	6.2
18	6.3	5.0	5.8	6.3	4.9	5.7	6.5	4.8	5.7	6.8	5.8	6.3
19	6.2	4.9	5.7	6.7	5.2	5.9	6.6	5.3	6.0	6.6	5.6	6.1
20	6.6	5.2	6.0	6.4	4.8	5.7	6.1	5.2	5.7	6.4	5.6	6.0
21	7.1	5.3	6.2	5.9	4.4	5.4	5.7	4.5	5.1	6.0	5.1	5.7
22	7.1	5.4	6.3	6.1	4.8	5.5	5.7	4.4	5.1	5.9	4.9	5.5
23	7.2	5.2	6.3	6.1	5.2	5.7	5.9	4.6	5.3	5.5	4.5	5.2
24	7.0	5.7	6.3	6.0	5.1	5.6	5.8	4.7	5.3	5.5	4.4	5.0
25	6.9	5.5	6.2	5.7	4.7	5.3	5.3	4.2	4.8	5.6	4.8	5.2
26	7.0	5.5	6.2	5.7	4.6	5.2	5.2	4.0	4.6	5.5	4.7	5.1
27	6.7	5.4	6.0	5.7	4.5	5.1	5.3	4.0	4.7	6.0	4.7	5.1
28	6.9	5.2	6.0	5.6	4.3	5.0	5.5	4.0	4.7	6.3	4.6	5.2
29	6.8	4.8	5.7	5.9	4.7	5.4	5.3	3.9	4.6	6.0	4.6	5.3
30	6.1	4.3	5.3	6.5	5.0	5.7	5.6	3.9	4.6	6.5	4.9	5.5
31	---	---	---	6.4	5.1	5.8	6.3	3.9	4.7	---	---	---
MONTH	8.3	4.3	6.1	6.7	4.3	5.5	7.6	3.9	5.3	---	---	---

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, 136,000 ft³/s, Apr. 18, maximum gage height, 17.01 ft, Apr. 17; minimum discharge, -133,000 ft³/s, Apr. 17, minimum gage height, 4.76 ft, Nov. 6.

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

DAY	MAX		MIN		MAX		MIN		MAX		MIN		MAX		MIN	
	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH										
1	94400	-90600	102000	-102000	99600	-95400	122000	-125000	97600	-97500	96900	-99900				
2	98200	-95200	113000	-107000	117000	-108000	105000	-105000	87000	-93100	102000	-105000				
3	109000	-101000	115000	-112000	110000	-107000	89900	-104000	87000	-94500	96000	-105000				
4	115000	-114000	123000	-115000	128000	-119000	102000	-104000	78300	-89800	98800	-97700				
5	118000	-115000	124000	-121000	121000	-116000	95700	-96500	69400	-80800	90500	-92700				
6	124000	-122000	122000	-111000	109000	-102000	95100	-85200	71800	-79800	82000	-91500				
7	121000	-119000	116000	-103000	102000	-92600	88100	-74600	63700	-73100	83600	-82900				
8	121000	-118000	106000	-95800	91900	-81400	58800	-68300	51300	-64400	81300	-76600				
9	125000	-110000	100000	-86300	86700	-78500	57500	-70000	48200	-65900	69300	-66300				
10	115000	-109000	91300	-83900	85200	-84100	47000	-65300	47800	-65900	67200	-59100				
11	102000	-84700	76700	-74000	84500	-79900	54100	-68000	54500	-68800	67600	-62000				
12	97300	-90400	69200	-71300	67000	-69800	59300	-60600	59300	-67600	68000	-62000				
13	95800	-85400	73800	-80700	62700	-74100	71300	-68800	69600	-73500	70400	-66500				
14	89700	-87800	78900	-75800	78500	-78700	61600	-74300	67600	-82200	82400	-79000				
15	96900	-86600	87000	-87000	67000	-80000	66300	-77800	85500	-92100	104000	-84000				
16	97100	-89400	87500	-92000	70900	-82700	82200	-88800	111000	-106000	104000	-104000				
17	---	---	88500	-92700	86600	-91300	78900	-84600	110000	-112000	119000	-115000				
18	---	---	89700	-87500	90000	-98500	91500	-97300	107000	-104000	120000	-120000				
19	73500	-98700	93000	-93800	103000	-99200	84400	-98700	110000	-107000	124000	-123000				
20	73000	-98000	92000	-99700	101000	-97200	77000	-88800	101000	-103000	128000	-119000				
21	76700	-98600	98700	-98100	83800	-87000	83000	-93500	100000	-98700	118000	-113000				
22	76700	-96800	89300	-91500	93000	-84200	100000	-95600	98500	-95800	---	---				
23	85600	-94900	82500	-81400	89000	-86700	86300	-81900	83600	-82000	102000	-87600				
24	83100	-90900	78600	-79200	104000	-94000	77700	-82300	83100	-80400	95100	-85600				
25	83900	-89100	---	---	74000	-71300	70100	-80900	79200	-78400	92500	-84700				
26	78700	-85800	83300	-81200	93500	-91300	84000	-79600	86400	-80900	84900	-85800				
27	77000	-78400	84400	-76400	85900	-94800	71200	-77700	96700	-87900	90300	-85300				
28	78400	-77400	88200	-87700	76600	-85700	83400	-86300	89700	-95900	104000	-93700				
29	80200	-84600	87900	-95800	85300	-88500	88400	-91600	---	---	104000	-91400				
30	85400	-88200	80300	-86400	102000	-101000	90500	-97600	---	---	103000	-97000				
31	90200	-93900	---	---	102000	-105000	92300	-96700	---	---	95900	-92500				
MONTH	---	---	---	---	128000	-119000	122000	-125000	111000	-112000	---	---				

BROAD RIVER BASIN

02176611 BEAUFORT RIVER NEAR PORT ROYAL, 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
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	92800	-95500	101000	-96200	93500	-93300	99500	-104000	111000	-96500	107000	-95400
2	87400	-91900	---	---	90600	-94300	108000	-88700	114000	-94600	103000	-88600
3	85300	-89700	99700	-97400	92400	-82100	99900	-91500	107000	-89200	99900	-89600
4	86100	-92700	86300	-96000	96100	-88900	99300	-83400	102000	-87200	96800	-92000
5	84100	-84500	95500	-92400	84300	-83300	97800	-84500	97500	-87900	105000	-95300
6	85300	-81100	---	---	89800	-87800	98900	-83900	105000	-92000	109000	-94900
7	89300	-74200	---	---	91900	-87800	94700	-83900	119000	-92800	114000	-97800
8	80900	-87000	---	---	87200	-95000	98000	-85500	110000	-102000	115000	-101000
9	85900	-84800	---	---	91100	-87900	109000	-98600	120000	-105000	121000	-106000
10	82800	-80600	79900	-77900	102000	-100000	115000	-105000	117000	-104000	119000	-101000
11	85400	-88000	85500	-83400	123000	-111000	122000	-115000	114000	-103000	112000	-105000
12	94500	-85700	88000	-88600	130000	-116000	128000	-115000	116000	-102000	114000	-102000
13	103000	-96900	110000	-108000	131000	-122000	117000	-104000	111000	-99900	102000	-96300
14	117000	-107000	118000	-117000	125000	-118000	118000	-104000	118000	-95600	99000	-90000
15	124000	-113000	121000	-123000	125000	-121000	121000	-105000	106000	-90700	89000	-84200
16	128000	-127000	124000	-122000	128000	-108000	108000	-97100	97000	-84500	87200	-79800
17	129000	-133000	125000	-123000	122000	-97600	105000	-89200	85600	-78300	92400	-74400
18	136000	-128000	128000	-127000	111000	-92500	103000	-85000	78200	-73900	80100	-77900
19	133000	-118000	121000	-107000	109000	-81600	90800	-76400	86100	-70200	67900	-69400
20	126000	-110000	119000	-103000	91000	-79800	86400	-81200	81900	-73700	72300	-77500
21	120000	-102000	104000	-94400	92600	-80400	81400	-79200	78700	-76900	88100	-92000
22	108000	-95900	89700	-85600	91500	-83700	83400	-76200	81900	-81200	89500	-96100
23	91600	-85000	83400	-88500	88100	-84000	81200	-70400	81300	-79100	107000	-106000
24	87600	-87400	86400	-86500	86800	-84000	79300	-72400	101000	-90000	122000	-105000
25	82300	-84800	82700	-88500	89400	-85400	81200	-75200	113000	-100000	132000	-120000
26	90100	-82500	87500	-87900	93000	-85900	97900	-87000	115000	-103000	128000	-118000
27	91700	-93200	84300	-92300	97500	-93500	104000	-92300	123000	-112000	128000	-120000
28	96500	-94900	91500	-96700	108000	-94200	104000	-100000	120000	-111000	128000	-111000
29	101000	-101000	95500	-91300	98900	-93400	109000	-97400	118000	-110000	119000	-100000
30	104000	-100000	96000	-96900	98900	-92200	110000	-102000	116000	-104000	114000	-99100
31	---	---	96000	-94300	---	---	114000	-97900	113000	-99100	---	---
MONTH	136000	-133000	---	---	131000	-122000	128000	-115000	123000	-112000	132000	-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 excellent except Jan. 2, Feb. 20 to Mar. 3, May 27 to June 2, which are good, and Nov. 9-11, Sep. 2-15, which are poor. Temperature records rated excellent. Dissolved oxygen records rated fair except Jan. 3 to Feb 20, which are excellent, Oct. 8-10, Nov. 11-14, 19-21, Dec. 16-18, Jan. 2, Feb. 12-22, May 7-12, June 2, July 14, Sep. 22-24, which are poor. 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, 3.7 mg/L, Aug. 6, 1999.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 49,900 microsiemens, Oct. 9; minimum, 36,100 microsiemens Apr. 10.

WATER TEMPERATURE: Maximum, 31.4°C, Aug. 31; minimum, 6.7°C, Jan. 25, 28.

DISSOLVED OXYGEN: Maximum, 12.4 mg/L, Jan. 28-30; minimum, 4.1 mg/L, Aug. 28.

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	48800	47200	47900	47900	43500	46500	---	---	---	46700	42400	45200
2	48800	47000	47900	48100	43100	46600	---	---	---	46700	42400	45400
3	49100	47200	48000	48200	42700	46800	---	---	---	46800	43200	45700
4	49300	47000	48200	48300	41900	46500	48400	44600	46800	47100	43300	45900
5	49400	46900	48200	48500	42800	46600	48300	43700	46600	47000	44500	46200
6	49400	46900	48400	48300	42500	46700	48000	43200	46400	47100	44600	46100
7	49500	47000	48500	48200	42400	46400	47900	44300	46600	47100	44900	46300
8	49700	47300	48700	48500	44100	46700	47800	44200	46600	47000	44600	46300
9	49900	48000	48900	---	---	---	47800	44500	46800	47000	45000	46500
10	49800	47000	48400	48000	44000	46400	47700	44300	46600	47000	45700	46600
11	---	---	---	---	---	---	47300	44000	46200	47200	45800	46700
12	48200	45000	46700	---	---	---	47000	44000	46000	47200	45600	46700
13	48000	45000	46900	---	---	---	47100	43500	46000	47300	45400	46800
14	48000	44400	47000	---	---	---	46800	43200	45500	47400	45000	46800
15	48300	43600	47100	46000	42100	44700	47100	43800	46100	47400	44400	46200
16	48200	42900	46600	46000	42900	44600	---	---	---	46400	44000	45700
17	48400	43000	46800	45200	42600	44200	47400	43400	46300	46300	43700	45500
18	48400	45000	46700	45600	41900	44500	47500	44000	46000	46600	43900	45800
19	47200	45400	46500	---	---	---	46800	43400	45300	46700	43800	45800
20	48400	45400	46800	46000	43600	44900	46500	42500	45000	46800	43300	45900
21	48300	46500	47400	46300	41200	44500	46400	42600	45000	46700	43900	45900
22	48300	46300	47200	46400	40800	44000	46500	43200	45300	46600	44300	46000
23	48100	45900	47000	46400	39700	44000	46500	43300	45400	46600	44200	45900
24	48500	47000	47700	46400	40900	44200	46500	43200	45400	46900	44000	45800
25	48000	45600	47100	---	---	---	45700	43200	44800	46900	43800	46100
26	47300	45500	46700	---	---	---	46200	42800	45100	47000	44400	46200
27	47400	45200	46700	---	---	---	46200	43400	45300	47000	44600	46300
28	48300	46600	47700	---	---	---	46200	43800	45300	47200	44300	46400
29	48200	44700	47100	---	---	---	46200	43600	45500	47300	44700	46500
30	47800	43300	46300	---	---	---	46400	43200	45600	47500	44400	46600
31	48000	42800	46400	---	---	---	46500	43900	45600	47400	44800	46500
MONTH	---	---	---	---	---	---	---	---	---	47500	42400	46100

BROAD RIVER BASIN

02176611 BEAUFORT RIVER NEAR PORT ROYAL, SC--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	47500	45100	46600	48600	45900	47400	43200	38300	41100	42900	38800	40800
2	47500	44700	46600	48500	45100	47100	43300	39000	41600	---	---	---
3	47500	44900	46700	48300	44200	47000	43400	38200	41800	42900	39300	41200
4	47500	45100	46700	48100	43600	46700	43700	38500	42200	43100	39900	41500
5	47400	45300	46700	47900	42900	46500	43700	40300	42600	42900	39500	41300
6	47500	45500	46900	47600	42300	46200	43900	40100	42700	---	---	---
7	47500	45000	46700	47400	43500	46200	43900	39500	42500	---	---	---
8	47500	45500	46800	47100	45000	46300	43700	38800	41800	---	---	---
9	47500	45900	47000	47000	43400	45800	43600	37400	41200	---	---	---
10	47600	45900	46900	46700	44000	45700	43100	36100	40500	42300	40500	41500
11	47600	46300	47100	46600	43500	45500	43100	37100	40800	42500	40600	41600
12	47800	46300	47200	46400	43300	45200	43500	36900	41200	44100	40800	42400
13	47900	46000	47300	46400	42400	44900	43700	37300	41400	44300	42500	43700
14	48200	45900	47500	46400	42700	44900	43900	37300	41300	44800	42500	43900
15	48200	46200	47600	46600	39800	44400	43600	38000	41400	45100	42900	44000
16	48300	45800	47500	46500	39500	44100	43800	38300	41300	45700	42500	44100
17	48300	44700	47100	46600	39200	43400	44300	38600	41500	46400	42700	44100
18	48200	44100	47000	45200	39000	42800	44300	38700	41500	45400	41700	43300
19	48400	45200	47200	44900	38800	42700	44200	38800	41400	45300	38900	41100
20	48300	45300	47200	44500	38300	42400	44000	38900	41400	43600	38700	40400
21	48300	45800	47400	44300	39000	41900	44100	39000	41300	42900	38600	40300
22	48400	45800	47400	---	---	---	43200	39100	41200	42300	37100	40200
23	48000	46000	47100	43700	39500	42000	42800	39700	41300	41200	37100	39000
24	48300	46200	47300	43600	38600	42000	42900	39500	41300	40900	37300	39100
25	48400	46400	47400	43400	39800	41900	42900	38800	41300	41200	37200	38900
26	48400	46300	47500	43200	39400	41700	42700	38700	41100	41400	37500	39200
27	48500	45900	47400	43100	39300	41700	42600	39000	41100	40500	36400	38700
28	48300	45300	47300	43100	38100	41300	42500	38600	40800	41300	36900	38900
29	---	---	---	42900	37500	40800	42600	38400	40700	41500	36900	39100
30	---	---	---	42700	36800	40500	42600	38600	40700	42000	37300	39600
31	---	---	---	42900	37400	40700	---	---	---	41800	37600	39800
MONTH	48500	44100	47100	---	---	---	44300	36100	41400	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	42100	38500	40100	---	---	---	43500	39600	41300	45600	39100	42700
2	43100	38400	40900	44000	40600	42400	43300	39600	41400	45700	40300	43100
3	42900	40000	41300	44000	40800	42400	43500	39800	41500	45800	40300	43200
4	43000	39900	41300	44000	41000	42400	43800	39800	41700	45800	40000	43100
5	42900	40200	41400	43900	41100	42400	43900	39600	41900	46200	40300	43500
6	43200	40100	41600	43700	41200	42500	44000	40400	42100	45900	39500	43100
7	43400	40100	41600	44400	41400	42900	44200	40700	42300	---	---	---
8	43100	39800	41400	44600	41300	43100	44400	40800	42600	45600	36200	42500
9	43600	39700	41500	44700	41300	43200	44600	40800	42700	---	---	---
10	44100	40500	42300	44700	41300	43400	44600	40700	42700	---	---	---
11	44300	40600	42400	44800	41800	43600	44900	40600	43000	45800	38100	42100
12	44300	40700	42400	44900	42100	43700	45000	41400	43300	---	---	---
13	44100	40800	42500	45000	42000	44000	45000	41500	43300	45000	38500	42400
14	43900	40600	42200	45000	42200	43900	44800	41200	43100	---	---	---
15	43900	41100	42400	45000	41900	43800	44800	40800	43000	45300	38400	42200
16	44300	41700	42800	44900	42500	43900	44800	40800	43000	45200	38500	42400
17	44100	41700	42900	44800	42600	43900	44600	40200	42800	45300	39700	42300
18	44200	41300	42700	44700	42900	44000	44100	40200	42400	45200	38600	42300
19	43800	40800	42400	44800	40600	43700	43900	39800	41700	45000	37900	42100
20	43500	41200	42300	44400	40600	42900	43800	38500	41300	45400	39900	42900
21	43600	41100	42400	44100	41600	42800	43600	38100	41000	45800	40100	43100
22	43500	41200	42300	44100	41600	42900	43600	37600	40800	46100	38800	43000
23	43800	41100	42500	44000	42100	43200	43700	37400	40900	46000	37200	42700
24	43900	41100	42600	43600	41300	42600	44200	37500	41200	47000	38700	43300
25	43900	41100	42600	43600	40700	42200	45000	37500	41400	47400	39400	43700
26	44100	41100	42600	43500	39500	41700	45000	37500	41600	47200	38500	43900
27	44100	41200	42700	43200	39200	41200	45300	37600	41800	47500	39200	44100
28	44300	41500	42800	43700	39000	41000	45300	37400	42000	47100	38100	43900
29	43700	40100	42000	43000	38800	40800	45400	37900	42400	47200	38700	43800
30	44100	40400	42200	43600	39100	41100	45500	38700	42700	46700	38700	43700
31	---	---	---	43500	39200	41300	45400	39300	42700	---	---	---
MONTH	44300	38400	42100	---	---	---	45500	37400	42100	---	---	---

BROAD RIVER BASIN

02176611 BEAUFORT RIVER NEAR PORT ROYAL, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	27.6	27.2	27.4	22.7	22.1	22.4	---	---	---	11.9	11.2	11.5
2	27.6	27.2	27.4	22.1	21.3	21.7	---	---	---	12.0	11.6	11.8
3	27.7	27.3	27.5	21.4	20.9	21.1	---	---	---	11.9	11.4	11.7
4	27.9	27.4	27.6	21.0	20.2	20.7	12.6	11.5	12.2	11.4	10.7	11.0
5	28.1	27.4	27.7	20.5	19.7	20.1	12.0	10.7	11.3	10.8	10.5	10.7
6	28.5	27.6	28.0	20.3	19.7	20.1	11.3	10.6	11.0	10.9	10.5	10.7
7	28.9	27.9	28.3	19.7	19.2	19.4	11.1	10.6	10.9	10.6	10.3	10.4
8	28.6	27.8	28.3	19.4	18.9	19.1	11.0	10.6	10.8	10.3	9.9	10.1
9	27.8	27.0	27.4	19.4	18.9	19.2	11.0	10.7	10.8	10.6	10.0	10.2
10	27.0	26.5	26.8	19.8	19.3	19.5	10.8	10.4	10.6	10.9	10.3	10.6
11	26.6	26.3	26.4	20.5	19.7	20.0	10.7	10.4	10.6	10.7	10.3	10.5
12	26.8	26.1	26.5	20.6	20.3	20.4	10.8	10.4	10.6	10.5	9.9	10.2
13	26.8	26.5	26.7	20.5	19.8	20.2	11.1	10.6	10.8	9.9	9.5	9.7
14	26.7	25.5	26.3	19.9	19.2	19.6	11.0	10.6	10.8	9.7	9.4	9.5
15	25.6	24.2	25.1	19.4	19.0	19.2	10.7	10.3	10.5	9.5	9.2	9.4
16	24.7	23.3	24.1	19.3	18.9	19.1	10.6	10.2	10.4	9.4	9.1	9.3
17	23.7	22.9	23.4	19.0	17.9	18.6	10.7	10.3	10.5	9.4	9.1	9.3
18	23.0	22.3	22.6	17.9	16.9	17.3	10.8	10.5	10.6	9.1	8.5	8.7
19	22.3	21.8	22.0	16.9	16.4	16.7	11.3	10.7	11.0	8.5	7.9	8.1
20	22.3	21.6	22.0	16.7	16.3	16.5	12.3	11.2	11.7	8.2	7.5	7.9
21	22.5	22.0	22.2	16.6	16.3	16.4	12.0	11.6	11.8	8.8	7.9	8.3
22	22.5	22.1	22.3	16.4	15.9	16.2	11.9	11.5	11.7	9.1	8.5	8.7
23	22.2	21.9	22.0	15.9	15.3	15.6	12.1	11.7	11.9	8.8	7.9	8.5
24	21.9	21.6	21.7	15.5	15.1	15.3	12.5	11.9	12.2	7.9	7.0	7.4
25	21.7	21.3	21.4	---	---	---	12.6	12.1	12.4	7.3	6.7	7.1
26	21.5	21.1	21.3	---	---	---	12.1	11.4	11.7	7.3	6.8	7.1
27	21.9	21.3	21.6	---	---	---	11.6	11.2	11.4	7.2	6.9	7.1
28	22.5	21.8	22.0	---	---	---	11.3	10.8	11.0	7.1	6.7	6.9
29	23.2	22.3	22.6	---	---	---	10.9	10.6	10.8	7.5	6.9	7.1
30	23.4	23.0	23.2	---	---	---	10.9	10.6	10.8	8.0	7.3	7.6
31	23.3	22.7	22.9	---	---	---	11.2	10.8	10.9	8.3	7.8	8.0
MONTH	28.9	21.1	24.7	---	---	---	---	---	---	12.0	6.7	9.2

Temperature, water, degrees Celsius												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	8.7	7.9	8.3	12.7	12.2	12.5	18.6	17.8	18.2	24.0	23.2	23.6
2	9.2	8.3	8.6	13.1	12.3	12.7	18.5	17.5	17.9	---	---	---
3	9.7	8.7	9.1	13.4	12.5	13.0	18.9	17.6	18.1	24.5	23.6	24.0
4	10.4	9.2	9.7	13.6	12.7	13.2	19.0	17.9	18.3	25.1	23.7	24.2
5	10.4	9.6	9.9	14.0	13.1	13.5	19.8	18.2	18.8	25.1	24.1	24.5
6	10.3	9.7	10.0	14.6	13.5	14.0	20.1	18.8	19.4	---	---	---
7	10.2	9.8	9.9	14.7	13.8	14.3	20.4	19.1	19.8	---	---	---
8	10.0	9.6	9.8	14.8	13.8	14.2	20.2	19.2	19.7	---	---	---
9	9.9	9.6	9.8	15.0	14.1	14.5	19.3	18.8	19.1	---	---	---
10	10.4	9.6	10.0	15.5	14.3	14.9	18.8	17.7	18.3	27.4	26.1	26.7
11	10.4	9.8	10.1	16.2	14.8	15.4	17.9	17.0	17.4	27.4	26.4	26.9
12	10.5	9.9	10.2	16.9	15.4	16.1	17.5	16.8	17.2	27.4	26.4	26.8
13	10.5	9.9	10.2	17.3	15.9	16.6	18.2	17.1	17.6	26.7	25.5	26.0
14	10.6	10.0	10.3	17.4	16.1	16.8	19.0	17.8	18.3	26.0	24.9	25.5
15	11.3	10.2	10.7	17.2	15.7	16.3	19.9	18.3	19.1	25.4	24.7	25.0
16	11.5	10.7	11.1	16.3	15.2	15.8	20.6	19.0	19.7	25.6	24.7	25.1
17	11.4	10.5	10.9	16.2	15.1	15.8	21.4	19.6	20.4	26.2	25.0	25.5
18	10.7	10.3	10.6	16.4	15.2	15.9	21.9	20.4	21.0	26.1	25.2	25.6
19	11.1	10.2	10.6	17.1	15.5	16.3	22.0	20.9	21.4	25.6	24.8	25.3
20	11.7	10.5	11.0	17.8	16.2	16.9	22.0	21.0	21.5	24.9	24.4	24.7
21	12.1	11.0	11.5	18.5	16.6	17.6	22.2	21.2	21.6	24.8	24.6	24.7
22	12.8	11.4	12.0	---	---	---	22.5	21.4	21.9	24.8	24.4	24.6
23	13.0	12.1	12.6	19.2	17.9	18.7	22.1	21.5	21.8	24.8	24.3	24.5
24	13.3	12.3	12.8	19.5	18.0	18.8	22.2	21.5	21.9	25.1	24.5	24.7
25	13.8	12.6	13.2	19.9	18.4	19.2	22.0	21.6	21.8	25.6	24.8	25.2
26	13.7	13.0	13.4	20.2	18.8	19.6	21.9	21.3	21.6	25.9	25.3	25.6
27	13.7	12.8	13.1	20.3	19.2	19.8	22.2	21.4	21.8	26.1	25.6	25.8
28	13.1	12.4	12.7	20.6	19.2	19.9	22.7	21.7	22.2	26.1	25.4	25.8
29	---	---	---	21.4	19.6	20.5	23.5	22.2	22.7	26.1	25.5	25.8
30	---	---	---	21.3	19.7	20.4	24.1	22.7	23.2	26.0	25.2	25.6
31	---	---	---	19.9	18.3	19.0	---	---	---	26.1	25.4	25.7
MONTH	13.8	7.9	10.8	---	---	---	24.1	16.8	20.1	---	---	---

BROAD RIVER BASIN

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02176611 BEAUFORT RIVER NEAR PORT ROYAL, SC--Continued

Temperature, water, degrees Celsius
 WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	26.3	25.6	25.9	29.0	28.3	28.8	29.7	29.0	29.3	31.0	30.4	30.8
2	26.6	25.8	26.1	28.4	27.8	28.2	29.9	29.0	29.4	31.0	30.3	30.6
3	26.2	25.8	26.1	28.7	27.7	28.0	30.2	29.3	29.7	30.8	30.5	30.6
4	26.0	25.7	25.8	28.8	27.9	28.3	30.3	29.6	29.8	30.7	30.4	30.5
5	26.7	25.7	26.0	29.0	28.1	28.5	30.1	29.7	29.9	30.6	30.1	30.4
6	26.6	26.2	26.5	29.4	28.4	28.9	30.0	29.6	29.8	30.1	28.2	29.4
7	26.8	26.3	26.5	29.6	28.8	29.2	29.8	29.3	29.5	28.3	26.9	27.6
8	26.9	26.4	26.7	30.1	29.1	29.5	29.5	29.0	29.3	27.0	26.1	26.6
9	27.5	26.6	27.0	30.5	29.5	30.0	29.5	28.8	29.1	26.3	25.6	26.0
10	28.0	27.1	27.5	30.8	29.8	30.3	29.5	28.8	29.1	26.1	25.6	25.8
11	28.5	27.5	28.0	30.8	29.9	30.3	29.3	28.8	29.1	25.6	25.2	25.4
12	28.7	27.8	28.3	30.6	29.7	30.2	29.3	28.7	28.9	25.3	25.0	25.1
13	29.1	28.0	28.5	30.2	29.1	29.7	29.6	28.7	29.1	25.7	24.8	25.2
14	29.3	28.2	28.7	29.5	28.7	29.1	30.0	29.0	29.4	26.3	25.4	25.7
15	29.8	28.5	29.0	29.0	28.6	28.8	30.4	29.4	29.8	26.9	25.9	26.3
16	30.1	28.9	29.4	29.5	28.6	28.8	30.5	29.7	30.1	27.3	26.4	26.7
17	29.8	29.1	29.5	29.9	28.7	29.2	30.6	29.8	30.1	26.8	26.4	26.6
18	29.6	29.0	29.4	30.1	29.1	29.5	30.6	30.0	30.2	26.5	25.9	26.2
19	29.6	29.0	29.2	29.9	29.2	29.6	30.9	30.2	30.4	26.4	25.9	26.1
20	29.7	29.0	29.4	30.2	29.3	29.7	30.8	30.4	30.6	26.7	26.1	26.4
21	29.7	29.1	29.3	30.4	29.8	30.1	30.8	30.4	30.6	27.0	26.4	26.7
22	29.6	29.1	29.4	30.2	29.9	30.0	30.7	30.3	30.5	27.2	26.5	26.9
23	29.8	29.1	29.4	29.9	29.1	29.6	30.8	30.2	30.5	27.2	26.7	26.9
24	29.9	29.2	29.5	29.2	28.6	28.9	30.9	30.1	30.4	27.1	26.4	26.8
25	30.1	29.3	29.7	28.8	28.3	28.5	30.5	30.0	30.2	26.9	26.2	26.6
26	30.2	29.4	29.8	28.4	28.0	28.2	30.7	29.8	30.2	26.8	26.2	26.5
27	30.1	29.4	29.7	28.6	28.0	28.3	30.9	29.9	30.3	27.0	26.2	26.5
28	29.9	29.2	29.5	28.9	28.2	28.4	31.0	30.0	30.4	27.2	26.4	26.7
29	29.4	28.9	29.1	29.2	28.3	28.6	30.9	30.0	30.4	26.5	25.4	25.9
30	29.2	28.7	28.9	29.7	28.6	28.9	31.1	30.1	30.5	25.5	24.7	25.0
31	---	---	---	29.7	28.8	29.2	31.4	30.3	30.7	---	---	---
MONTH	30.2	25.6	28.3	30.8	27.7	29.1	31.4	28.7	29.9	31.0	24.7	27.1

BROAD RIVER BASIN

02176611 BEAUFORT RIVER NEAR PORT ROYAL, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	5.9	5.3	5.6	7.0	6.4	6.7	---	---	---	10.7	10.3	10.5
2	6.0	5.3	5.6	6.9	6.4	6.6	---	---	---	10.5	10.0	10.3
3	5.9	5.0	5.4	6.8	6.2	6.5	---	---	---	10.3	9.8	10.0
4	5.8	4.4	5.2	6.5	6.0	6.3	9.3	9.0	9.2	10.4	9.9	10.1
5	5.9	4.7	5.2	6.5	6.0	6.2	9.3	9.0	9.2	10.7	10.1	10.3
6	5.6	4.7	5.2	7.3	6.0	6.5	9.7	9.1	9.3	11.0	10.3	10.5
7	5.5	4.6	5.0	7.2	6.5	6.9	9.9	9.3	9.5	11.1	10.3	10.7
8	5.3	4.6	4.9	7.1	6.5	6.8	10.0	9.4	9.7	11.2	10.5	10.8
9	5.6	4.7	5.2	6.9	6.3	6.6	10.0	9.5	9.8	11.2	10.7	10.9
10	6.1	5.1	5.7	7.0	6.2	6.7	10.2	9.6	9.9	11.1	10.8	10.9
11	6.0	5.5	5.8	7.1	6.5	6.8	10.2	9.8	9.9	11.2	10.7	11.0
12	5.9	5.4	5.6	7.1	6.6	6.8	10.1	9.8	10.0	11.3	10.8	11.0
13	5.7	5.3	5.4	7.3	6.4	6.9	10.2	9.7	9.9	11.3	10.8	11.1
14	5.8	5.1	5.4	7.4	6.6	7.1	10.2	9.6	9.9	11.4	10.9	11.1
15	6.2	5.5	5.9	7.4	6.9	7.2	10.4	9.7	10.0	11.5	10.9	11.2
16	6.3	5.7	6.0	7.4	6.9	7.1	10.4	9.6	10.0	11.4	10.9	11.2
17	6.4	5.8	6.0	7.5	6.9	7.2	10.7	9.8	10.3	11.4	10.9	11.2
18	6.4	5.9	6.1	8.1	7.2	7.8	10.8	9.8	10.4	11.5	10.9	11.2
19	6.5	5.9	6.1	8.3	7.6	8.0	10.6	9.9	10.4	11.8	11.0	11.4
20	6.5	5.9	6.2	8.4	7.6	8.0	10.5	9.9	10.3	12.0	11.3	11.6
21	6.4	5.9	6.1	8.3	7.6	7.9	10.5	10.0	10.2	12.1	11.3	11.6
22	6.5	5.9	6.2	8.1	7.5	7.8	10.6	10.0	10.3	11.6	11.2	11.4
23	6.7	6.2	6.4	8.2	7.8	8.0	10.7	10.1	10.4	11.9	11.1	11.3
24	6.8	6.3	6.5	8.4	8.0	8.1	10.4	9.9	10.2	12.1	11.2	11.6
25	7.1	6.5	6.8	---	---	---	10.3	9.7	9.9	12.2	11.4	11.8
26	7.1	6.5	6.8	---	---	---	10.4	9.9	10.1	12.3	11.5	11.9
27	7.3	6.6	6.8	---	---	---	10.6	10.0	10.3	12.3	11.6	11.9
28	7.4	6.7	7.0	---	---	---	10.8	10.2	10.5	12.4	11.6	12.0
29	7.3	6.6	7.0	---	---	---	11.0	10.4	10.7	12.4	11.6	12.0
30	7.1	6.5	6.7	---	---	---	10.9	10.4	10.7	12.4	11.5	11.9
31	7.1	6.5	6.7	---	---	---	10.9	10.4	10.7	12.1	11.5	11.8
MONTH	7.4	4.4	6.0	---	---	---	---	---	---	12.4	9.8	11.2

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	11.9	11.3	11.6	---	---	---	8.5	7.2	7.8	7.2	6.1	6.7
2	11.8	11.3	11.6	---	---	---	8.4	7.2	7.8	---	---	---
3	11.8	11.3	11.5	---	---	---	8.4	7.4	7.9	7.7	6.8	7.2
4	11.7	11.2	11.5	9.5	8.9	9.3	8.4	7.4	8.0	7.8	6.6	7.2
5	11.9	11.2	11.5	9.5	8.9	9.2	8.4	7.5	7.9	8.0	7.0	7.5
6	11.7	11.2	11.4	9.4	8.9	9.2	8.2	7.4	7.8	---	---	---
7	11.7	11.2	11.4	9.4	8.7	9.1	8.0	6.9	7.5	---	---	---
8	11.8	11.1	11.4	9.7	8.7	9.2	7.7	6.5	7.2	---	---	---
9	12.0	11.3	11.6	9.7	9.0	9.3	7.6	6.5	7.2	---	---	---
10	11.9	11.3	11.6	10.1	8.7	9.5	7.8	6.7	7.4	7.7	6.1	6.8
11	11.9	11.4	11.6	10.4	9.3	9.8	8.0	7.1	7.6	7.1	6.0	6.7
12	12.0	11.4	11.7	10.4	9.2	9.8	8.4	7.3	7.8	7.3	5.8	6.5
13	12.1	11.3	11.7	10.1	8.8	9.5	8.6	7.4	7.9	7.5	6.3	6.7
14	12.1	11.3	11.7	9.6	8.4	9.2	8.6	7.0	7.7	7.2	6.3	6.6
15	12.1	11.2	11.6	9.4	8.0	8.8	7.5	6.7	7.1	6.8	6.1	6.3
16	11.8	10.9	11.3	9.1	7.8	8.5	7.6	6.6	7.1	6.6	5.8	6.1
17	11.4	10.6	11.1	9.2	7.8	8.6	7.7	6.5	7.1	6.7	5.5	6.0
18	11.3	10.7	11.0	9.2	7.8	8.5	7.6	6.8	7.2	6.5	5.8	6.1
19	11.7	10.8	11.1	9.0	7.7	8.5	7.4	6.5	7.0	6.3	5.8	6.0
20	11.6	10.8	11.2	9.0	7.9	8.6	7.2	6.3	6.8	6.3	5.7	6.0
21	11.4	10.5	11.1	8.7	7.6	8.2	7.3	6.4	6.9	6.3	5.8	6.0
22	---	---	---	---	---	---	7.4	6.8	7.1	6.2	5.7	6.0
23	---	---	---	8.4	7.2	7.9	8.2	6.7	7.5	6.3	5.7	6.1
24	---	---	---	8.5	7.2	7.9	8.2	7.2	7.7	6.3	5.8	6.0
25	---	---	---	8.4	7.3	7.9	7.8	6.5	7.4	6.3	5.7	6.0
26	---	---	---	8.4	7.4	7.9	7.6	6.6	7.0	6.2	5.7	5.9
27	---	---	---	8.4	7.3	7.8	7.6	6.6	7.0	6.0	5.5	5.7
28	---	---	---	8.6	7.1	7.7	7.4	6.4	6.8	6.2	5.5	5.8
29	---	---	---	8.2	6.5	7.6	7.3	6.1	6.6	6.6	5.6	6.0
30	---	---	---	8.0	6.4	7.4	7.6	6.1	6.9	6.9	5.9	6.3
31	---	---	---	8.6	6.8	7.7	---	---	---	7.1	6.0	6.4
MONTH	---	---	---	---	---	---	8.6	6.1	7.4	---	---	---

BROAD RIVER BASIN

549

02176611 BEAUFORT RIVER NEAR PORT ROYAL, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.2	6.1	6.5	5.7	4.9	5.2	6.2	5.1	5.5	6.1	4.5	5.1
2	7.0	6.3	6.5	6.2	5.1	5.5	6.0	4.8	5.5	6.7	4.6	5.3
3	6.7	6.0	6.4	6.3	5.5	5.8	6.0	4.7	5.4	6.9	4.9	5.6
4	6.5	5.9	6.2	6.3	5.5	5.8	6.1	4.6	5.4	7.2	4.9	6.0
5	6.6	5.7	6.1	6.1	5.1	5.6	6.1	4.9	5.4	6.8	5.0	5.9
6	6.4	5.8	6.0	6.1	5.0	5.5	6.0	4.8	5.3	6.4	4.8	5.6
7	6.3	5.5	5.9	6.4	5.3	5.7	5.8	4.6	5.1	6.3	5.1	5.6
8	6.6	5.6	6.0	6.8	5.2	5.8	5.8	4.5	5.0	5.8	4.9	5.3
9	7.0	5.8	6.2	7.5	5.4	6.1	5.9	4.4	5.0	5.9	4.6	5.1
10	7.4	5.9	6.4	7.3	5.6	6.3	6.0	4.5	5.1	5.6	4.4	5.0
11	7.4	5.8	6.4	7.1	5.7	6.3	6.2	4.5	5.2	6.0	4.6	5.3
12	7.2	5.8	6.4	6.6	5.5	6.0	6.3	4.7	5.3	5.8	4.8	5.4
13	7.0	5.7	6.2	6.1	5.4	5.7	6.4	4.7	5.4	6.1	4.7	5.4
14	7.0	5.5	6.2	5.8	4.9	5.4	6.1	4.9	5.4	6.3	5.1	5.6
15	6.8	5.5	6.1	5.5	4.5	5.0	5.7	4.6	5.2	6.2	4.9	5.6
16	6.8	5.5	6.3	5.8	4.5	5.1	5.6	4.7	5.1	6.4	4.9	5.6
17	6.6	5.9	6.2	6.1	5.0	5.5	5.7	4.6	5.2	6.5	4.9	5.8
18	6.2	5.5	5.9	6.5	5.1	5.8	6.4	4.9	5.6	6.7	4.8	5.8
19	6.2	5.2	5.8	6.7	5.5	6.1	6.6	5.4	5.8	6.5	4.9	5.7
20	6.6	5.4	5.9	7.2	5.5	6.0	6.1	5.1	5.5	6.7	4.8	5.7
21	7.2	5.8	6.3	6.2	5.0	5.6	5.8	4.7	5.2	6.4	4.7	5.6
22	7.6	6.1	6.6	6.3	5.0	5.5	5.9	4.6	5.1	6.2	4.7	5.5
23	7.5	6.4	6.8	5.9	5.1	5.5	6.4	4.7	5.3	5.8	4.8	5.4
24	7.1	6.0	6.6	5.8	5.0	5.4	6.7	4.9	5.5	6.0	4.5	5.2
25	6.8	5.9	6.3	5.4	4.7	5.0	7.0	4.5	5.3	6.0	4.8	5.2
26	6.6	5.7	6.1	5.6	4.5	5.0	6.7	4.3	5.0	6.0	4.7	5.1
27	6.5	5.5	5.9	5.6	4.6	5.0	6.2	4.2	4.9	5.8	4.8	5.2
28	6.7	5.4	5.8	5.7	4.6	5.0	6.0	4.1	4.9	5.9	4.8	5.4
29	6.2	5.4	5.7	6.1	4.6	5.2	5.9	4.3	4.9	6.5	4.8	5.5
30	5.8	5.1	5.4	6.3	4.8	5.4	6.1	4.2	4.9	5.8	4.8	5.3
31	---	---	---	6.4	5.0	5.6	5.8	4.2	5.0	---	---	---
MONTH	7.6	5.1	6.2	7.5	4.5	5.6	7.0	4.1	5.2	7.2	4.4	5.5

BROAD RIVER BASIN

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, 56,000 ft³/s, Sep. 16, 2001, 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, 54,600 ft³/s, Sep. 26, maximum gage height, 16.52 ft, Apr. 17; minimum discharge, -54,600 ft³/s, Apr. 17, minimum gage height, 4.09 ft, Nov. 6.

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	38000	-36000	41400	-39900	40400	-37800	51200	-49700	41400	-40300	42500	-39000
2	40800	-38000	47800	-42500	46300	-44300	45000	-43000	41600	-38600	42400	-40000
3	43200	-40500	48200	-45100	45900	-43200	37800	-42500	40400	-37400	43700	-40500
4	48200	-45800	48100	-45900	51100	-48700	42800	-42400	34700	-34200	44200	-38400
5	50300	-46400	52100	-46800	51400	-45900	42600	-38600	34100	-29800	44000	-36000
6	53300	-50400	52100	-44500	47200	-41700	37400	-33400	34400	-29900	37600	-36800
7	50500	-48400	46800	-41300	44500	-38100	35300	-29500	30900	-23100	36900	-31300
8	50500	-48600	42400	-37600	42100	-33400	28600	-25300	23500	-22800	34200	-30200
9	48700	-45300	41900	-35100	37500	-32600	26300	-24900	23700	-24800	30400	-25300
10	48300	-43500	39400	-32700	38800	-35700	25900	-24900	27100	-23900	28800	-24600
11	41600	-34800	34100	-29600	35300	-31100	25500	-26400	28200	-26400	30700	-24700
12	38800	-36100	30100	-26500	32900	-27000	27600	-23700	27800	-28700	28200	-26900
13	34500	-33700	31000	-31200	29100	-30400	31300	-29600	33200	-28000	31000	-29400
14	32300	-35800	31700	-30000	35800	-31700	30400	-30100	33000	-32000	33100	-33200
15	36000	-36100	36500	-36700	31400	-32100	29300	-29300	37500	-37000	40300	-35800
16	37900	-35100	37100	-37500	33600	-32800	35900	-35200	45400	-44000	44200	-43000
17	40600	-34800	36500	-37500	40100	-37600	36400	-33400	48000	-45100	50300	-47300
18	42500	-35900	36900	-34600	40800	-41100	41100	-39900	44600	-43100	51400	-48300
19	43300	-37800	39200	-38700	46300	-41400	36400	-38000	46300	-43900	49700	-49900
20	40700	-38100	38400	-40000	42000	-40400	36900	-32700	44500	-41700	51900	-50900
21	40000	-38800	40800	-40500	37100	-33800	38600	-36000	45100	-39600	48400	-47000
22	35800	-38400	36500	-37000	39700	-35500	42700	-38400	43200	-38900	45000	-41100
23	40700	-36800	33600	-33300	38100	-33500	39200	-29700	32900	-29600	41900	-37600
24	39200	-34300	32300	-31900	47000	-39000	34400	-31900	34000	-31900	37700	-34400
25	37000	-36100	36100	-29200	27600	-25400	36100	-29300	34400	-32900	38900	-34700
26	35200	-32600	34700	-33400	40400	-37500	40600	-33500	36900	-32900	34200	-33900
27	35000	-30400	34200	-31800	41200	-38000	34500	-31600	41200	-38000	37500	-36900
28	35500	-30400	39100	-35800	35100	-35000	37200	-35500	41700	-38500	39200	-39100
29	34700	-32500	36500	-38200	37000	-36000	42000	-36700	---	---	38900	-37400
30	35400	-34900	30900	-31600	44000	-42900	44100	-40100	---	---	40100	-37100
31	36800	-37700	---	---	44400	-43600	41600	-39600	---	---	39300	-38900
MONTH	53300	-50400	52100	-46800	51400	-48700	51200	-49700	48000	-45100	51900	-50900

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 Jan. 13-28 and May 1, which are good, Nov. 20, 21, Dec. 4-19, and Sep. 29, which are poor. Temperature records rated excellent. Dissolved oxygen records rated fair except for Nov. 30 to Dec. 4, Mar. 1-3, Mar. 26 to Apr. 2, Apr. 20, 21, May 31 to June 2, June 7-9, 18-21, 26-30, July 4-7, 18-21, Aug. 14-18, 22-25, Aug. 31 to Sep. 8, and Sep. 19-24, which are poor. 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, 49,400 microsiemens, Nov. 4, 5, 8, 9; minimum, 32,900 microsiemens May 25.

WATER TEMPERATURE: Maximum, 32.1°C, Aug. 31; minimum, 5.9°C, Jan. 25.

DISSOLVED OXYGEN: Maximum, 12.2 mg/L, Jan. 28; minimum, 3.1 mg/L, Sep. 2, 3.

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	48100	46200	47000	48900	47900	48300	---	---	---	46700	45100	45700
2	48200	46300	47100	49100	48100	48600	---	---	---	46700	45100	45900
3	---	---	---	49300	48400	48800	---	---	---	46900	45600	46100
4	48700	46800	47600	49400	48500	48900	---	---	---	47000	45700	46300
5	48800	46300	47600	49400	48600	48900	46800	45400	45900	47000	45800	46300
6	49000	46900	47700	49200	47900	48500	46600	45400	45800	46700	45800	46200
7	48900	47000	47900	49300	48200	48700	46600	45500	45800	46600	45800	46100
8	49100	47500	48200	49400	48400	48800	46500	45500	45900	46400	45800	46100
9	49100	47700	48200	49400	48400	48800	46500	45600	45900	46400	45600	46000
10	48700	46300	47800	49100	46600	48400	---	---	---	46300	45500	45800
11	47800	45400	46700	48700	47000	47900	---	---	---	46200	45500	45800
12	47600	45400	46400	48400	45100	47200	---	---	---	46200	45600	45800
13	47500	45400	46400	48000	43500	46000	---	---	---	46100	45600	45800
14	---	---	---	46500	43800	45300	---	---	---	46000	45500	45700
15	---	---	---	46700	44000	45500	---	---	---	45900	45500	45600
16	---	---	---	46700	42600	45200	---	---	---	46000	45500	45700
17	---	---	---	46000	42600	44300	---	---	---	46000	45400	45700
18	48400	47000	47700	46100	42400	44500	---	---	---	46300	45600	45900
19	48500	47400	47800	46400	43000	44700	---	---	---	46300	45800	46000
20	48400	47400	47800	---	---	---	46700	45000	45700	46300	45800	46000
21	48500	47400	47900	45900	43800	44800	46600	45000	45700	46300	45700	46000
22	48500	47500	47900	46300	44000	44800	46700	45200	45800	46200	45600	45900
23	48600	47800	48100	46400	44100	45200	46700	45300	45900	46100	45600	45800
24	48700	47900	48200	46400	44400	45200	46800	44500	45700	46200	46000	46100
25	48600	47900	48200	---	---	---	45900	44200	45000	46300	46000	46100
26	48700	48000	48200	---	---	---	46400	44400	45400	46500	45900	46100
27	48600	47700	48200	---	---	---	46400	44800	45500	46400	46000	46100
28	48600	47600	48100	---	---	---	46400	45000	45600	46800	46000	46400
29	48800	47000	47900	---	---	---	46400	45100	45700	47000	46400	46600
30	48600	47400	48100	---	---	---	46700	45200	45900	47100	46300	46600
31	48700	47700	48100	---	---	---	46700	45300	45900	47100	46300	46600
MONTH	---	---	---	---	---	---	---	---	---	47100	45100	46000

02176635 BATTERY CREEK AT PORT ROYAL, SC--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	47100	46400	46700	47500	46200	46700	43400	41900	42600	43600	41600	42200
2	47200	46400	46700	47200	45900	46500	43200	42100	42600	43500	41600	42200
3	47100	46400	46700	47200	45700	46500	43200	42200	42600	43700	41700	42200
4	47000	46300	46600	47200	45800	46400	43300	42400	42700	44000	41700	42400
5	47000	46400	46700	46800	45400	46200	43200	42400	42700	43600	42000	42500
6	47100	46500	46800	46600	45400	46000	43200	42400	42600	43600	41900	42300
7	47100	46300	46600	46500	44000	45400	43100	41500	42400	43300	41700	42100
8	47000	46400	46700	45800	43800	44900	42700	40800	41800	43200	41700	42200
9	47100	46500	46800	45800	43900	44900	42200	40300	41100	43200	41800	42300
10	47200	46000	46600	45700	43900	44800	41800	40000	40600	43200	41900	42400
11	47100	46200	46600	45600	43900	44700	41800	39900	40500	43400	42100	42600
12	47200	46200	46700	45500	43800	44600	41900	39700	40400	43600	42300	42900
13	47300	46300	46800	45400	43400	44400	41900	39500	40300	44000	42700	43300
14	47500	46400	47000	45400	43500	44300	41800	39200	40200	44300	43200	43600
15	47600	46400	47000	45400	43700	44300	42300	39100	40500	44600	43500	43800
16	47700	45900	46900	45500	43500	44200	42600	39600	40700	44900	43400	43900
17	47400	45400	46400	45500	43400	44100	42800	39800	40900	45500	43400	43900
18	47400	45300	46400	45300	43100	43900	42800	39800	40900	44500	41800	42900
19	47500	45700	46700	45000	43000	43800	42700	39800	40700	43400	40000	41000
20	47400	45900	46600	44700	42500	43400	42700	39900	40700	43400	40200	41000
21	47400	46100	46700	44300	42300	43100	42800	40300	41100	43200	40400	41100
22	47300	45600	46500	44300	42300	43000	43100	40900	41400	42700	38800	41100
23	47100	45600	46300	44100	42500	43000	42900	41300	41800	41600	36800	39000
24	47300	45700	46500	44000	42600	43000	43100	41500	42000	41200	36400	39000
25	47300	45900	46500	43900	42600	43000	43100	40900	41900	40300	32900	36300
26	47100	46200	46700	43800	42600	43000	43000	40800	41700	41800	37500	39200
27	47400	45700	46500	43900	42600	43000	43200	40900	41800	42000	37900	39500
28	47300	45200	46500	43700	42100	42900	43200	41100	41900	42800	38200	40000
29	---	---	---	43400	41500	42500	43400	41200	41900	43000	38700	40200
30	---	---	---	43300	41500	42400	43700	41500	42100	43300	38100	40600
31	---	---	---	43500	41800	42500	---	---	---	43400	39500	40900
MONTH	47700	45200	46600	47500	41500	44200	43700	39100	41500	45500	32900	41600

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	43600	39100	41200	44800	42500	43300	43500	38300	40500	44300	41200	42300
2	43400	40200	41300	44400	42000	43000	43400	38700	41200	43200	40600	41500
3	43300	40600	41500	44300	41800	42800	43400	39400	41000	42600	39900	40900
4	43100	39600	41100	44300	41900	42800	43600	38400	41000	42500	39900	40700
5	42900	39500	40900	44400	42000	42900	43500	39300	41100	42800	39400	40700
6	43100	39800	41100	44300	42000	42900	43800	39200	41300	42600	39200	40700
7	43000	39400	41000	44200	42100	43000	44000	39600	41600	43400	39600	41000
8	42800	39000	40700	44300	41900	43100	44200	40100	41900	45500	40700	42200
9	43800	39000	41100	44500	42200	43300	44300	40500	42100	45500	41200	42500
10	44200	40300	42000	44600	42700	43500	44300	40900	42200	45200	41400	42600
11	44400	40600	42300	44300	42900	43500	44500	41200	42600	45400	41600	42800
12	44500	41000	42500	44300	43000	43500	44500	41700	42800	45300	41700	42900
13	44400	41500	42700	44200	42700	43300	44500	42000	43000	45000	41800	42800
14	44100	41700	42700	44500	43000	43700	44300	42300	43000	45000	41800	42700
15	44300	42000	42900	44600	43500	43900	44200	42400	43100	44700	41800	42600
16	44200	42300	43000	44600	43500	43900	44100	42400	42900	44700	42000	42600
17	44100	42100	42900	44400	43300	43800	43800	41600	42500	44600	42200	42700
18	43900	41400	42600	44300	43100	43700	44200	40200	42300	44800	42200	42800
19	43900	41400	42400	44100	40500	43100	44000	37800	41000	44600	42400	42900
20	43800	41600	42500	43700	40000	41800	43600	39300	41100	44800	42100	42800
21	43900	41900	42800	43900	40000	41700	43400	39400	40900	44800	42100	42900
22	43900	42200	42900	43700	41000	42200	43400	39500	40900	44800	41900	42800
23	44000	42400	43000	43700	39100	41900	43400	39500	40800	44900	41500	42700
24	44000	42600	43100	43200	37100	40500	43600	39500	40900	46400	41500	43600
25	44100	42800	43200	43100	36500	39900	44400	39700	41400	46600	43200	44400
26	44300	42900	43300	42800	35400	39400	44600	39700	41500	46600	43300	44500
27	44700	43100	43400	43000	35500	39200	44900	40000	41800	46700	43400	44600
28	44600	42800	43600	43500	35600	39100	44900	40400	42000	46700	43700	44700
29	43900	42200	42800	43700	36200	39500	44900	40800	42300	46800	44000	44800
30	44600	41700	42900	43600	36900	39900	44700	41200	42500	46600	44200	44800
31	---	---	---	43400	37800	40200	44600	41300	42500	---	---	---
MONTH	44700	39000	42300	44800	35400	42200	44900	37800	41800	46800	39200	42800

BROAD RIVER BASIN

02176635 BATTERY CREEK AT PORT ROYAL, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	Temperature, water, degrees Celsius			MAX	MIN	MEAN	MAX	MIN	MEAN
				MAX	MIN	MEAN						
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	27.6	26.9	27.4	22.6	21.6	22.1	13.3	11.6	12.5	12.4	11.3	11.8
2	27.7	26.9	27.4	21.9	20.6	21.3	12.8	11.4	12.1	12.4	11.7	12.0
3	27.8	27.2	27.5	21.0	20.2	20.6	12.5	11.4	12.0	12.1	11.3	11.8
4	27.9	27.5	27.7	20.6	19.7	20.1	12.7	11.1	11.7	11.3	10.6	10.9
5	28.4	27.5	27.8	20.2	19.3	19.7	11.4	10.3	10.8	10.9	10.2	10.6
6	29.0	27.7	28.2	20.4	19.6	19.9	11.1	10.2	10.8	11.3	10.4	10.8
7	29.6	28.0	28.6	19.6	18.6	19.1	11.1	10.3	10.8	10.9	10.2	10.5
8	28.8	27.9	28.4	19.3	18.2	18.9	11.1	10.3	10.8	10.5	9.6	10.1
9	27.9	26.8	27.0	19.5	18.5	19.1	11.1	10.6	10.8	11.4	9.9	10.4
10	26.9	26.0	26.4	20.2	19.2	19.6	10.9	10.1	10.5	12.0	10.5	11.1
11	26.5	25.9	26.3	21.2	19.8	20.3	10.7	10.3	10.5	11.4	10.5	10.9
12	27.1	25.8	26.5	21.1	20.4	20.7	10.8	10.3	10.6	11.0	9.9	10.2
13	26.9	26.5	26.7	20.8	19.7	20.2	11.5	10.7	11.0	9.9	9.2	9.6
14	---	---	---	19.8	18.6	19.2	11.5	10.6	10.9	9.6	8.7	9.2
15	---	---	---	19.1	18.2	18.8	10.6	9.7	10.3	9.4	8.6	9.0
16	---	---	---	19.0	18.6	18.8	10.5	9.6	10.1	9.3	8.5	9.0
17	---	---	---	18.9	16.5	18.2	10.6	9.9	10.3	9.3	8.4	9.0
18	22.5	21.3	22.0	17.3	15.2	16.3	10.9	10.4	10.5	8.7	7.7	8.3
19	21.9	21.1	21.5	16.5	15.0	15.8	11.8	10.8	11.2	7.8	7.1	7.4
20	22.5	21.2	21.7	16.3	15.2	15.9	13.3	11.6	12.3	8.1	6.7	7.4
21	23.0	21.9	22.3	16.3	15.6	16.0	12.7	11.8	12.2	9.4	7.7	8.4
22	22.6	22.0	22.3	16.2	15.8	16.0	12.5	11.5	11.9	9.5	8.7	9.1
23	22.0	21.6	21.8	15.8	14.8	15.2	13.0	11.8	12.3	8.7	7.9	8.4
24	21.8	21.4	21.6	15.4	14.3	15.0	13.1	12.1	12.5	7.9	6.2	7.0
25	21.6	21.0	21.3	15.6	14.5	15.2	13.2	12.2	12.8	7.2	5.9	6.7
26	21.7	20.8	21.3	16.0	15.0	15.6	12.2	11.4	11.8	7.4	6.5	7.0
27	22.6	21.3	21.8	16.1	15.3	15.7	11.7	10.9	11.3	7.3	6.7	7.0
28	23.5	22.0	22.5	15.9	14.2	14.8	11.4	10.2	10.8	7.1	6.4	6.8
29	24.2	22.6	23.2	14.6	13.1	13.9	10.9	9.8	10.5	7.9	6.8	7.2
30	24.2	23.1	23.5	13.9	12.2	13.1	10.8	10.2	10.6	8.8	7.4	8.0
31	23.9	22.6	22.9	---	---	---	11.5	10.6	10.9	9.0	8.0	8.4
MONTH	---	---	---	22.6	12.2	17.8	13.3	9.6	11.2	12.4	5.9	9.2
	FEBRUARY			MARCH			APRIL			MAY		
1	9.5	8.1	8.7	12.6	12.2	12.4	18.2	17.3	17.7	24.5	23.4	23.9
2	10.2	8.5	9.2	13.5	12.4	12.9	18.2	17.0	17.6	25.5	23.2	24.1
3	11.0	8.9	9.8	14.0	12.7	13.3	18.9	17.5	18.1	25.2	23.7	24.3
4	11.8	9.7	10.6	13.9	12.8	13.4	19.6	18.0	18.5	26.3	23.7	24.6
5	11.9	9.9	10.7	14.7	13.2	13.8	21.3	18.4	19.4	26.0	24.3	24.8
6	11.3	10.0	10.6	15.5	13.7	14.5	21.2	19.0	20.0	26.9	24.4	25.4
7	10.7	9.9	10.3	15.3	13.9	14.7	21.2	19.2	20.2	27.5	25.0	26.0
8	10.9	9.8	10.1	15.8	13.8	14.5	20.4	19.1	19.8	28.2	25.4	26.5
9	10.7	9.8	10.2	15.7	14.3	14.9	19.1	18.7	18.9	28.7	25.7	27.0
10	11.8	9.8	10.6	17.2	14.4	15.4	18.7	17.1	17.9	28.9	26.2	27.4
11	11.4	10.0	10.5	17.9	14.5	16.0	17.6	16.0	16.8	28.4	26.5	27.5
12	11.4	10.0	10.6	18.9	15.4	16.9	17.6	15.8	16.8	28.3	26.5	27.0
13	11.2	10.0	10.5	18.7	16.1	17.3	18.7	17.1	17.7	26.8	25.5	25.9
14	11.1	10.1	10.5	18.5	16.2	17.2	19.7	17.8	18.7	25.7	24.9	25.3
15	12.1	10.3	11.0	17.4	15.7	16.2	21.0	18.7	19.7	25.1	24.6	24.9
16	12.2	11.0	11.5	16.0	15.1	15.7	21.6	19.2	20.3	26.1	24.7	25.2
17	11.7	10.6	11.0	16.0	15.3	15.7	22.6	19.9	20.9	27.1	25.2	25.8
18	10.9	10.3	10.6	16.8	15.3	16.0	22.7	20.5	21.5	26.5	25.3	25.8
19	11.6	10.2	10.7	17.7	15.8	16.6	22.7	21.1	21.8	25.4	24.8	25.3
20	12.5	10.8	11.5	18.5	16.5	17.3	22.7	21.2	21.7	25.6	24.0	24.7
21	12.9	11.3	12.0	19.7	17.0	18.2	22.9	21.3	21.9	25.4	24.6	24.9
22	13.8	11.7	12.7	20.7	17.7	19.0	23.6	21.5	22.4	24.8	24.5	24.7
23	14.3	12.5	13.3	20.2	18.3	19.2	22.9	21.5	22.0	25.1	23.9	24.5
24	14.7	12.4	13.3	20.5	18.2	19.3	22.6	21.6	22.0	25.5	24.4	24.8
25	15.0	12.7	13.7	20.8	18.5	19.6	22.4	21.6	21.9	26.1	24.9	25.4
26	14.7	13.0	13.8	21.1	18.9	20.0	22.1	21.3	21.6	26.4	25.3	25.8
27	14.1	12.8	13.2	20.9	19.2	20.1	22.4	21.4	21.9	26.4	25.7	26.0
28	12.8	12.2	12.5	20.9	19.3	20.0	22.9	21.8	22.4	26.6	25.5	26.0
29	---	---	---	21.8	19.8	20.8	24.1	22.2	23.0	26.4	25.6	25.9
30	---	---	---	21.9	19.0	20.6	24.8	22.7	23.6	26.5	25.2	25.7
31	---	---	---	19.1	17.7	18.5	---	---	---	26.5	25.3	25.8
MONTH	15.0	8.1	11.2	21.9	12.2	16.8	24.8	15.8	20.2	28.9	23.2	25.5

02176635 BATTERY CREEK AT PORT ROYAL, SC--Continued

Temperature, water, degrees Celsius
 WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	26.9	25.6	26.1	28.9	28.3	28.6	30.3	29.1	29.6	31.4	30.4	31.0
2	27.6	25.8	26.4	28.4	27.7	28.0	30.9	29.1	29.7	31.7	30.3	30.8
3	26.8	25.9	26.3	29.3	27.4	28.1	31.3	29.5	30.1	31.3	30.5	30.9
4	26.2	25.7	25.9	29.6	28.0	28.6	31.2	29.7	30.3	31.2	30.4	30.7
5	28.2	25.6	26.4	30.0	28.2	28.9	30.8	29.8	30.2	31.0	29.7	30.4
6	27.4	26.3	26.8	30.7	28.5	29.4	30.3	29.7	29.9	29.9	27.1	28.9
7	27.5	26.4	26.9	30.6	28.9	29.7	29.8	29.1	29.4	27.8	25.9	27.0
8	27.7	26.5	26.9	31.0	29.3	30.0	29.5	28.7	29.1	26.7	25.4	26.1
9	28.4	26.6	27.3	31.3	29.7	30.4	29.8	28.6	29.0	26.3	25.2	25.8
10	28.9	27.2	28.0	31.2	30.1	30.6	29.5	28.9	29.1	25.8	25.3	25.6
11	29.2	27.7	28.4	31.1	30.0	30.5	29.4	28.7	29.0	25.8	24.9	25.3
12	29.4	28.1	28.7	31.0	29.9	30.3	29.3	28.6	28.9	25.3	24.9	25.1
13	29.7	28.2	28.8	29.9	29.1	29.6	29.9	28.7	29.2	26.6	24.7	25.4
14	29.9	28.3	29.0	29.1	28.7	28.9	30.7	29.0	29.6	27.6	25.4	26.2
15	31.1	28.6	29.4	29.2	28.4	28.7	31.1	29.5	30.1	28.2	26.0	26.8
16	31.5	29.1	29.9	30.3	28.3	29.0	31.5	29.8	30.4	28.6	26.6	27.3
17	30.5	29.1	29.8	31.1	28.9	29.6	31.6	29.9	30.5	27.4	26.4	26.9
18	29.9	29.1	29.5	31.7	29.3	30.1	31.8	30.1	30.7	26.8	25.7	26.3
19	30.6	28.8	29.4	31.5	29.7	30.2	31.7	30.0	30.8	27.0	25.8	26.3
20	30.6	29.1	29.7	31.6	29.3	30.2	31.1	30.5	30.8	27.4	26.2	26.6
21	30.5	29.1	29.6	31.6	30.1	30.7	31.2	30.4	30.7	27.5	26.5	26.9
22	30.2	29.2	29.6	30.8	30.1	30.3	31.0	30.3	30.6	27.4	26.7	27.0
23	30.1	29.1	29.6	30.2	28.4	29.5	30.9	30.1	30.5	27.4	26.7	27.0
24	30.0	29.2	29.6	29.1	27.6	28.4	30.8	30.1	30.4	27.2	26.4	26.8
25	30.3	29.2	29.7	28.6	27.4	28.1	30.8	29.8	30.1	27.0	26.1	26.5
26	30.4	29.4	29.8	28.3	27.2	27.9	31.0	29.7	30.1	26.7	26.1	26.4
27	30.3	29.4	29.7	29.3	27.6	28.2	31.1	29.9	30.4	27.2	26.1	26.5
28	29.8	29.0	29.4	29.1	28.0	28.4	31.4	30.0	30.5	27.8	26.3	26.9
29	29.3	28.7	29.0	29.9	28.2	28.8	31.4	30.0	30.6	26.6	25.4	25.8
30	29.4	28.5	28.8	30.4	28.5	29.1	31.9	30.1	30.8	25.5	24.3	24.8
31	---	---	---	30.5	28.8	29.5	32.1	30.4	31.1	---	---	---
MONTH	31.5	25.6	28.5	31.7	27.2	29.3	32.1	28.6	30.1	31.7	24.3	27.1

BROAD RIVER BASIN

02176635 BATTERY CREEK AT PORT ROYAL, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	5.9	4.2	5.3	7.0	5.8	6.4	9.9	8.7	9.2	10.5	9.9	10.2
2	5.9	4.2	5.2	7.0	5.7	6.4	10.0	8.8	9.4	10.2	9.8	10.0
3	5.7	4.2	5.0	6.8	5.7	6.3	10.0	8.9	9.5	10.1	9.5	9.9
4	5.7	4.1	4.8	6.6	5.7	6.1	9.9	9.0	9.5	10.6	9.8	10.3
5	5.6	3.9	4.7	6.6	5.2	6.0	9.8	9.2	9.5	10.9	10.2	10.5
6	5.3	3.7	4.6	6.8	5.8	6.4	10.2	9.2	9.7	11.0	10.3	10.6
7	5.2	3.7	4.6	7.3	6.3	6.8	10.6	9.7	10.0	11.3	10.5	10.9
8	5.1	3.7	4.5	7.6	6.5	7.0	10.8	9.7	10.2	11.4	10.8	11.1
9	5.6	3.9	5.1	7.6	6.5	7.0	10.7	9.9	10.2	11.4	10.8	11.1
10	5.8	4.7	5.4	7.4	6.3	6.9	10.6	10.0	10.3	11.2	10.5	10.9
11	5.7	4.7	5.3	7.3	6.4	6.9	10.4	9.8	10.1	11.4	10.6	11.0
12	5.7	4.4	5.2	7.0	6.3	6.7	10.5	9.6	10.1	11.4	10.6	11.0
13	5.3	4.5	5.0	7.3	6.2	6.8	10.3	9.7	10.1	11.2	10.6	11.0
14	---	---	---	7.4	6.5	7.0	10.4	9.6	10.0	11.3	10.7	11.0
15	---	---	---	7.4	6.4	7.0	10.5	9.8	10.2	11.2	10.3	10.9
16	---	---	---	7.2	6.2	6.8	10.7	10.0	10.3	11.1	10.6	10.9
17	---	---	---	7.4	6.2	6.8	10.7	9.9	10.3	11.0	10.5	10.8
18	6.5	5.4	6.0	7.9	6.9	7.3	10.6	9.8	10.2	11.2	10.6	11.0
19	6.5	5.8	6.2	7.9	6.6	7.4	10.7	9.5	10.2	11.5	10.9	11.2
20	6.6	5.5	6.2	7.9	6.4	7.3	10.5	9.7	10.1	11.6	11.1	11.4
21	6.4	5.6	6.1	8.1	6.1	7.5	10.6	9.5	10.2	11.5	11.1	11.3
22	6.4	5.4	6.0	8.6	7.4	8.1	10.6	9.7	10.3	11.3	10.7	11.1
23	6.6	5.4	6.2	9.1	8.2	8.6	10.7	9.8	10.3	11.4	10.5	11.0
24	6.9	5.9	6.5	9.5	8.5	8.8	10.5	9.4	10.0	11.9	11.0	11.5
25	7.3	6.3	6.9	9.7	8.5	9.0	10.0	9.0	9.7	12.1	11.4	11.7
26	7.6	6.3	7.0	9.8	8.6	9.1	10.4	9.4	10.0	12.0	11.4	11.8
27	7.9	6.5	7.2	9.7	8.6	9.0	10.6	9.8	10.2	12.0	11.5	11.8
28	7.9	6.5	7.2	9.8	8.6	9.1	10.8	10.1	10.4	12.2	11.5	11.9
29	7.3	6.6	7.0	9.8	8.6	9.1	10.8	10.3	10.5	12.1	11.5	11.9
30	7.0	6.0	6.6	9.6	8.7	9.1	10.7	10.3	10.5	11.8	11.2	11.6
31	6.9	5.7	6.5	---	---	---	10.5	10.1	10.3	11.5	10.9	11.3
MONTH	---	---	---	9.8	5.2	7.4	10.8	8.7	10.0	12.2	9.5	11.1

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	11.5	10.6	11.1	10.2	8.9	9.6	8.4	7.1	7.8	6.9	5.2	6.4
2	11.4	10.5	11.1	10.0	8.7	9.5	8.5	7.6	8.0	7.0	5.4	6.4
3	11.4	10.4	11.0	10.2	8.8	9.5	8.5	7.3	8.0	7.2	5.3	6.5
4	11.4	10.4	10.9	9.7	9.1	9.4	8.7	7.2	8.1	7.4	5.5	6.6
5	11.4	10.3	10.9	9.5	8.8	9.3	8.7	7.2	8.1	7.2	5.7	6.6
6	11.3	10.3	10.9	9.4	8.7	9.1	8.2	6.9	7.7	7.1	5.6	6.4
7	11.2	10.2	10.7	9.3	8.4	8.9	8.0	6.6	7.4	7.0	5.7	6.4
8	11.4	10.3	10.9	9.5	8.2	9.0	7.5	6.1	6.9	6.9	5.5	6.2
9	11.6	10.6	11.1	9.4	8.8	9.1	7.5	6.1	7.0	6.8	5.5	6.1
10	11.3	10.4	11.0	9.9	8.6	9.2	7.6	6.2	7.3	6.7	5.3	6.0
11	11.3	10.4	10.9	9.9	8.7	9.3	7.9	6.8	7.4	6.3	5.0	5.9
12	11.3	10.4	10.9	9.8	8.5	9.2	7.9	6.9	7.5	6.7	5.2	6.1
13	11.5	10.4	11.0	9.5	8.0	8.8	7.9	6.9	7.5	7.2	5.9	6.4
14	11.5	10.3	10.9	9.1	7.5	8.4	7.9	6.7	7.3	7.0	5.8	6.3
15	11.3	10.2	10.7	8.8	7.6	8.3	8.1	6.3	7.4	6.4	5.6	6.0
16	11.1	9.5	10.4	8.7	7.7	8.2	8.2	6.6	7.6	6.5	5.3	5.9
17	10.9	9.5	10.3	8.6	7.6	8.2	8.2	6.9	7.6	6.4	4.9	5.7
18	10.9	9.4	10.3	8.6	7.6	8.2	7.9	6.9	7.5	6.3	5.2	5.8
19	11.2	9.6	10.5	8.8	7.5	8.3	7.7	6.6	7.3	6.3	5.2	5.7
20	11.4	9.9	10.6	8.7	7.9	8.3	7.6	6.2	7.1	6.7	5.1	5.8
21	11.3	10.1	10.6	8.7	7.3	8.2	7.3	6.2	6.9	6.5	5.3	5.9
22	11.0	9.7	10.3	8.8	7.3	8.1	7.7	6.1	6.9	6.3	5.5	5.8
23	10.7	9.3	10.0	8.5	7.2	7.9	8.0	6.8	7.2	6.2	5.2	5.8
24	10.9	9.4	10.1	8.6	6.9	7.8	7.7	6.7	7.3	6.1	5.1	5.7
25	10.9	9.4	10.1	8.7	7.1	7.9	7.3	6.5	6.9	6.1	5.2	5.8
26	10.6	8.9	9.9	8.4	7.3	7.8	7.0	6.1	6.7	6.1	4.8	5.6
27	10.3	9.0	9.7	8.0	6.7	7.6	7.2	5.9	6.7	5.9	4.5	5.4
28	10.2	9.0	9.7	8.0	6.9	7.5	6.9	6.0	6.6	6.3	4.7	5.6
29	---	---	---	7.6	6.5	7.2	6.9	5.7	6.5	6.5	5.2	5.9
30	---	---	---	7.5	6.0	6.9	7.0	5.7	6.4	7.3	5.7	6.4
31	---	---	---	8.1	6.0	7.4	---	---	---	7.3	5.8	6.5
MONTH	11.6	8.9	10.6	10.2	6.0	8.5	8.7	5.7	7.3	7.4	4.5	6.1

BROAD RIVER BASIN

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02176635 BATTERY CREEK AT PORT ROYAL, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.4	5.9	6.5	5.6	4.4	4.8	5.0	3.7	4.3	4.9	3.4	4.0
2	7.3	5.7	6.4	6.1	4.7	5.4	4.7	3.3	4.1	4.8	3.1	3.8
3	6.8	5.5	6.3	6.4	5.1	5.7	4.9	3.3	4.1	4.7	3.1	3.8
4	6.7	5.6	6.1	6.4	5.1	5.6	6.5	3.7	5.2	5.2	3.5	4.3
5	7.4	5.3	6.2	6.3	4.6	5.5	6.0	4.6	5.3	5.3	3.6	4.4
6	6.5	5.3	5.9	6.8	4.9	5.7	6.0	4.4	5.2	5.0	3.6	4.3
7	6.3	4.9	5.7	6.4	5.2	5.8	5.9	4.0	4.9	5.6	4.0	4.8
8	6.5	5.5	6.0	6.6	5.2	5.8	5.8	4.1	4.9	6.1	4.8	5.3
9	6.4	5.5	6.0	7.3	5.2	5.9	6.1	4.1	4.8	6.4	4.8	5.5
10	7.0	5.3	6.0	6.7	4.8	5.6	6.0	4.1	4.8	6.3	4.7	5.5
11	7.1	5.4	6.1	6.3	4.6	5.3	6.1	4.0	4.8	6.7	5.1	6.0
12	7.0	5.5	6.1	6.0	4.2	5.0	6.2	4.2	5.1	6.6	5.7	6.2
13	6.9	5.3	6.1	5.5	3.8	4.5	6.4	4.4	5.4	7.2	5.6	6.3
14	6.7	5.2	6.0	5.3	3.6	4.5	6.3	4.9	5.6	7.4	5.7	6.4
15	7.1	5.0	6.0	5.4	3.8	4.7	6.2	4.8	5.4	7.4	5.6	6.3
16	7.2	5.1	6.1	6.1	4.3	5.1	6.2	4.3	5.2	7.4	5.8	6.3
17	6.7	5.4	6.1	7.1	5.0	5.7	6.6	4.7	5.5	7.2	5.8	6.4
18	6.7	5.4	6.0	7.4	5.4	6.0	7.1	5.1	5.9	7.0	5.7	6.4
19	7.3	5.4	6.3	7.2	5.6	6.1	6.6	5.0	5.9	6.3	5.5	6.0
20	7.5	5.9	6.6	6.5	5.1	5.7	5.9	4.8	5.4	6.0	4.6	5.3
21	---	---	---	5.7	4.4	5.2	5.4	3.9	4.7	5.9	4.1	4.9
22	---	---	---	5.8	4.5	5.2	5.3	3.7	4.5	5.9	4.1	4.9
23	---	---	---	5.8	4.6	5.2	5.5	3.8	4.4	5.5	3.9	4.6
24	7.1	4.8	6.2	5.6	4.3	5.0	5.8	3.8	4.5	6.0	3.8	4.8
25	7.0	4.8	6.1	5.2	4.0	4.6	6.4	3.6	4.4	6.1	4.2	5.1
26	6.9	4.7	6.0	5.3	3.8	4.5	6.5	3.5	4.5	6.2	4.3	5.2
27	6.6	4.7	5.7	5.5	3.6	4.5	5.7	3.6	4.5	6.0	4.5	5.3
28	6.3	4.5	5.5	5.9	3.6	4.5	5.4	3.6	4.4	5.9	4.4	5.3
29	5.8	3.6	4.7	6.2	3.6	4.8	5.1	3.7	4.4	5.7	4.6	5.1
30	5.4	3.3	4.8	5.8	4.0	4.9	5.0	3.6	4.3	5.9	4.5	5.1
31	---	---	---	5.3	3.6	4.6	5.0	3.5	4.2	---	---	---
MONTH	---	---	---	7.4	3.6	5.2	7.1	3.3	4.9	7.4	3.1	5.3

BROAD RIVER BASIN

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).

REMARKS.--Gage height tidally affected.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 22.13 ft, Sep. 16, 2001; minimum gage height, 7.79 ft, Jul. 12, 2003.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 21.74 ft, Apr. 17; minimum gage height, 7.79 ft, Jul. 12.

Gage height, feet												
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	20.11	13.66	16.83	20.26	11.97	16.68	19.11	10.43	15.37	20.94	10.54	15.80
2	20.13	12.84	16.66	20.48	11.98	16.69	20.27	10.84	15.89	20.11	10.45	15.55
3	20.34	12.03	16.48	20.71	11.56	16.48	20.18	10.40	15.83	19.67	10.57	15.29
4	20.73	11.54	16.48	20.80	11.05	16.36	21.61	11.13	16.58	19.83	10.41	15.47
5	20.70	11.10	16.35	21.31	11.12	16.58	21.01	11.48	16.22	20.00	11.40	15.89
6	20.81	10.92	16.25	20.50	9.33	15.31	20.35	11.31	15.88	19.39	11.12	15.32
7	20.97	11.28	16.49	20.50	10.94	15.86	20.04	11.57	15.80	18.93	11.71	15.34
8	21.21	11.58	16.59	20.29	12.07	16.22	19.54	11.73	15.66	17.95	11.53	14.87
9	21.32	12.39	16.79	20.08	12.50	16.25	19.51	12.48	16.03	17.91	11.99	15.01
10	21.15	12.77	16.96	19.59	12.62	16.07	20.12	13.93	16.86	17.82	12.24	15.03
11	20.47	13.05	16.87	18.88	12.48	15.73	19.48	12.87	16.22	17.85	12.86	15.44
12	20.25	13.17	16.61	18.57	12.78	15.76	18.35	12.76	15.64	18.13	13.02	15.66
13	20.13	13.45	16.75	18.78	12.26	15.74	18.77	12.49	16.24	18.77	12.27	15.71
14	20.51	14.09	17.43	19.11	13.13	16.46	18.56	11.36	14.96	18.63	11.95	15.66
15	21.07	15.03	18.20	19.74	13.05	16.83	18.61	11.95	15.58	18.47	11.67	15.49
16	20.26	13.53	17.44	19.83	12.91	16.73	18.77	11.48	15.50	19.33	11.60	15.86
17	20.07	12.97	16.91	19.62	10.99	15.69	19.38	11.47	15.95	18.70	11.00	15.03
18	20.08	12.78	16.87	18.84	10.51	15.51	20.05	12.30	16.46	19.74	10.82	15.66
19	19.92	13.08	16.74	19.55	11.81	16.03	20.22	12.37	16.32	18.83	10.09	14.78
20	19.89	12.79	16.52	19.95	11.88	16.22	19.81	11.01	15.42	18.50	10.15	14.51
21	19.79	12.49	16.38	20.14	12.37	16.33	18.92	10.85	14.97	18.81	10.08	14.65
22	19.78	12.46	16.41	19.62	11.87	15.60	19.03	10.72	14.96	19.62	10.81	15.52
23	20.04	12.89	16.55	19.04	11.82	15.41	19.06	10.90	15.14	19.30	11.78	15.36
24	20.04	13.32	16.71	18.97	11.95	15.43	20.15	11.86	15.93	18.41	11.01	14.85
25	20.08	13.30	16.68	18.98	12.16	15.49	18.69	10.87	14.76	18.65	11.43	15.15
26	19.77	13.33	16.43	19.10	12.19	15.58	19.10	11.18	15.14	19.19	11.40	15.25
27	19.46	13.20	16.29	18.83	12.16	15.41	19.29	11.95	15.69	18.58	11.27	15.12
28	19.57	13.44	16.37	19.31	12.31	15.80	18.89	11.58	15.49	19.32	11.08	15.59
29	19.49	13.09	16.20	19.34	11.57	15.81	19.08	10.83	15.34	19.52	10.91	15.53
30	19.68	12.93	16.36	18.43	10.08	14.94	19.94	10.95	15.86	19.65	10.72	15.60
31	19.90	12.63	16.60	---	---	---	20.20	11.01	16.00	19.61	10.82	15.56
MONTH	21.32	10.92	16.68	21.31	9.33	15.97	21.61	10.40	15.73	20.94	10.08	15.34

BROAD RIVER BASIN

02176640 BEAUFORT RIVER AT PARRIS ISLAND, SC--Continued

Gage height, feet
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	19.69	11.09	15.53	20.01	11.80	16.29	19.13	11.16	15.58	19.97	11.98	16.23
2	19.41	11.01	15.39	20.16	12.04	16.72	18.66	10.67	14.94	19.82	12.28	16.21
3	19.22	10.94	15.25	19.69	11.32	15.93	18.70	10.61	14.82	19.56	11.93	15.90
4	18.83	10.63	14.98	19.89	12.01	16.15	19.10	11.20	15.14	20.38	12.63	16.44
5	18.14	10.98	14.82	19.26	11.38	15.80	18.92	11.87	15.41	20.01	13.00	16.73
6	18.44	12.08	15.37	18.83	11.10	15.32	19.74	12.30	15.86	19.64	12.56	16.03
7	18.44	11.47	15.12	18.88	12.19	15.57	19.60	12.77	16.17	18.95	12.66	15.66
8	17.56	12.08	14.94	19.02	12.56	15.87	19.33	13.13	16.15	18.99	12.45	15.53
9	17.90	12.80	15.37	19.02	13.16	16.03	19.71	13.84	16.53	18.79	12.30	15.49
10	18.32	12.86	15.30	18.77	13.55	16.21	19.71	13.21	16.46	18.70	11.97	15.48
11	18.00	12.70	15.28	18.97	13.33	16.19	19.50	13.45	16.41	18.84	11.46	15.50
12	18.10	11.84	15.00	18.73	13.16	15.82	19.73	12.54	16.54	18.93	10.74	15.33
13	18.16	11.47	14.98	18.81	12.88	15.89	19.90	11.83	16.45	20.15	10.94	15.74
14	18.47	11.12	15.21	19.11	12.91	16.36	20.07	11.47	16.34	20.78	10.85	16.02
15	19.13	10.85	15.34	20.21	12.34	16.77	20.59	10.82	16.25	20.95	10.85	16.16
16	20.04	10.44	15.95	20.30	11.94	16.40	21.28	10.87	16.38	21.09	10.48	15.86
17	20.42	11.04	15.86	20.59	11.27	16.43	21.74	11.01	16.57	21.35	10.96	16.04
18	19.87	10.50	15.51	20.84	11.17	16.50	21.54	11.46	16.61	21.21	11.86	16.45
19	20.06	10.72	15.65	21.13	11.45	16.58	21.17	11.52	16.36	21.06	12.14	16.48
20	20.04	11.05	15.69	20.80	11.11	16.51	21.09	12.05	16.46	21.04	12.79	16.56
21	20.06	11.77	16.09	20.55	11.10	15.99	21.09	12.60	16.63	20.48	12.32	16.14
22	20.18	11.62	16.18	20.34	11.43	15.82	20.73	12.34	16.27	19.61	12.43	16.11
23	19.41	10.61	14.74	20.03	11.77	15.87	19.58	12.98	16.47	19.03	12.32	15.90
24	18.90	11.60	15.23	19.94	12.34	16.05	19.75	12.80	16.39	19.11	12.58	16.19
25	18.93	11.77	15.37	19.85	12.70	16.19	19.60	12.73	16.45	19.26	12.16	16.28
26	19.40	12.64	16.18	19.49	12.38	16.03	19.42	12.25	16.26	---	---	---
27	20.00	11.98	16.31	19.67	12.71	16.49	19.76	12.52	16.50	---	---	---
28	19.60	11.93	15.95	20.11	12.56	16.71	19.88	12.55	16.56	---	---	---
29	---	---	---	19.77	12.20	16.30	19.81	12.02	16.29	---	---	---
30	---	---	---	19.47	11.48	15.75	19.86	11.95	16.13	---	---	---
31	---	---	---	19.28	11.55	15.61	---	---	---	---	---	---
MONTH	20.42	10.44	15.45	21.13	11.10	16.13	21.74	10.61	16.18	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	---	---	---	18.14	9.75	13.73	17.45	8.89	13.17	17.55	9.07	13.49
2	---	---	---	17.09	9.23	13.38	17.31	9.05	13.39	17.45	9.28	13.46
3	---	---	---	17.01	9.11	13.02	17.31	9.12	13.40	17.42	9.54	13.49
4	---	---	---	16.86	9.03	12.97	16.91	9.11	13.09	17.54	9.64	13.60
5	---	---	---	16.87	9.35	13.19	17.07	8.94	13.13	17.91	9.54	---
6	---	---	---	16.75	9.33	13.18	17.23	8.73	13.08	---	---	---
7	---	---	---	---	---	---	17.57	8.86	13.32	---	---	---
8	---	---	---	---	---	---	17.86	8.93	13.56	18.57	10.13	---
9	---	---	---	17.61	8.74	13.34	17.92	8.48	13.46	18.74	10.33	14.69
10	---	---	---	17.99	8.56	13.46	17.72	8.11	13.14	18.39	10.39	14.64
11	18.35	8.62	13.91	18.16	7.89	13.35	17.77	8.50	13.23	18.53	10.80	14.90
12	18.61	8.23	13.84	18.15	7.79	13.20	17.77	8.67	13.32	18.37	10.79	14.79
13	18.58	7.85	13.53	18.13	8.22	13.39	17.76	8.91	13.41	17.64	10.52	14.35
14	18.59	8.06	13.55	17.90	8.33	13.33	17.38	9.21	13.53	17.63	10.35	14.22
15	18.53	8.23	13.42	17.96	8.79	13.37	16.97	9.26	13.45	17.33	10.72	14.21
16	18.21	8.63	13.40	17.43	8.94	13.37	16.85	9.41	13.47	17.31	10.89	14.36
17	18.08	9.23	13.67	16.93	9.06	13.21	16.46	9.45	13.28	17.59	12.20	14.77
18	17.82	9.59	13.85	16.90	9.23	13.28	16.28	9.47	13.14	17.43	11.80	14.54
19	17.77	9.43	13.60	16.65	9.22	13.12	16.59	10.31	13.43	16.51	10.92	13.76
20	16.92	9.61	13.40	16.43	9.51	13.31	16.69	10.50	13.70	17.01	10.98	13.93
21	17.23	10.01	14.02	16.67	10.00	13.45	16.66	10.55	13.66	17.65	11.16	14.44
22	17.26	10.62	14.15	16.15	9.54	12.98	16.59	10.36	13.49	17.97	11.13	14.72
23	17.13	10.41	14.04	15.96	9.50	12.65	16.51	10.05	13.34	18.00	10.12	14.42
24	17.01	10.13	13.86	16.05	9.55	12.80	17.12	9.72	13.47	17.91	10.53	14.18
25	17.07	9.98	13.76	16.43	9.64	13.19	17.77	9.96	13.98	18.33	10.19	---
26	17.31	10.00	13.77	17.05	9.69	13.43	17.98	9.43	13.85	18.60	9.96	---
27	17.49	9.70	13.70	17.24	9.35	13.36	18.13	8.96	13.73	19.05	9.88	14.69
28	17.65	9.82	13.77	17.23	8.88	13.16	17.91	8.56	13.50	18.95	9.73	---
29	17.24	9.37	13.44	17.59	8.55	13.11	17.97	8.70	13.58	18.80	9.85	---
30	17.58	9.71	13.55	17.51	8.60	13.08	17.61	8.92	13.59	18.76	10.31	14.56
31	---	---	---	17.38	8.70	13.12	17.50	9.01	13.52	---	---	---
MONTH	---	---	---	---	---	---	18.13	8.11	13.43	---	---	---

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 good except for July 21 to Sep. 29, which are excellent. 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, 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, 51,100 microsiemens, Oct. 9; minimum, 38,000 microsiemens, May 19.

WATER TEMPERATURE: Maximum, 31.0°C, Aug. 31; minimum, 6.7°C, Jan. 28.

DISSOLVED OXYGEN: Maximum, 11.8 mg/L, Jan. 27, 28; minimum, 4.1 mg/L, July 15.

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	49900	47300	48600	49000	48200	48600	47900	45700	47100	48400	46000	46800			
2	49800	47200	48500	49400	48200	48700	48700	46500	47400	47800	45700	46500			
3	50000	47200	48600	49600	48300	48900	48700	46700	47600	47200	45600	46200			
4	---	---	---	49800	48300	48900	49500	46800	47900	47300	45800	46400			
5	---	---	---	49600	48200	48600	49200	46900	47800	47500	46000	46500			
6	---	---	---	48600	47300	47900	48500	46900	47700	47200	46000	46500			
7	---	---	---	48500	47100	47600	48300	47000	47700	47200	46200	46600			
8	---	---	---	47500	45400	46500	48300	47100	47700	47100	46300	46600			
9	---	---	---	46600	44700	45700	48300	47200	47700	47000	46400	46700			
10	50900	49100	49900	46100	44600	45300	48400	47000	47700	47000	46400	46700			
11	50100	48300	49200	46200	45100	45700	48200	46600	47500	47100	46500	46800			
12	49600	48200	48900	47300	46000	46700	47900	46800	47400	47100	46600	46800			
13	49500	47800	48700	48400	46500	47400	47900	46400	47200	47300	46600	46900			
14	49500	47800	48700	48400	47000	47700	47700	46000	46900	47400	46600	46900			
15	49600	47900	48800	48400	46600	47500	47800	45700	46900	47400	46600	47000			
16	49500	47900	48800	48200	45800	47100	47800	46000	47000	47600	46600	47100			
17	49400	48000	48700	47500	45200	46300	---	---	---	47500	46600	47000			
18	49400	48000	48800	47200	45600	46400	---	---	---	48000	46800	47300			
19	49300	48100	48800	47200	45600	46300	48200	46000	47100	47800	46900	47300			
20	49300	48100	48800	47200	45300	46100	47600	46000	46800	47800	47100	47400			
21	49300	48200	48800	47100	45200	46100	47400	46100	46800	47900	47100	47400			
22	49300	48200	48800	47200	45300	46100	47400	46300	46900	48200	46800	47400			
23	49400	48300	48900	47200	45600	46300	47400	46400	46900	48200	47100	47400			
24	49100	47500	48600	47300	45700	46400	47700	45900	46800	48100	47200	47600			
25	48900	47400	48100	47400	45600	46400	46900	46000	46400	48200	47300	47700			
26	48800	46800	48100	47400	45800	46400	47100	46200	46600	48500	47400	47800			
27	48600	47600	48200	47300	45800	46400	47200	46200	46600	48200	47400	47800			
28	48300	47300	47900	47700	45700	46600	47200	46300	46700	48700	46800	47600			
29	48900	47000	48100	47700	45800	46800	47300	46300	46700	48100	46800	47300			
30	48900	48000	48500	47600	45900	46900	47800	46300	46800	48100	46800	47300			
31	48900	48100	48500	---	---	---	48000	46200	46900	48100	46800	47400			
MONTH	---	---	---	49800	44600	46900	---	---	---	48700	45600	47100			

BROAD RIVER BASIN

02176640 BEAUFORT RIVER AT PARRIS ISLAND, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	27.7	27.4	27.6	22.8	22.1	22.3	13.8	13.0	13.3	11.9	11.3	11.6			
2	27.7	27.4	27.5	22.3	21.4	21.8	13.1	12.7	12.9	11.9	11.6	11.8			
3	27.8	27.3	27.6	21.6	21.0	21.2	12.9	12.5	12.7	11.8	11.2	11.6			
4	28.0	27.5	27.7	21.1	20.4	20.8	12.7	11.8	12.3	11.3	10.6	11.0			
5	28.1	27.5	27.8	20.5	20.1	20.3	11.9	11.2	11.5	10.9	10.5	10.7			
6	28.4	27.8	28.1	20.5	19.8	20.2	11.3	11.0	11.2	10.9	10.5	10.7			
7	28.7	28.0	28.3	19.9	19.3	19.5	11.2	10.8	11.0	10.6	10.2	10.4			
8	28.5	27.9	28.3	19.5	18.9	19.3	11.1	10.7	10.9	10.3	9.9	10.1			
9	28.0	27.0	27.4	19.5	19.1	19.3	11.1	10.8	10.9	10.4	10.0	10.2			
10	27.0	26.5	26.8	19.9	19.4	19.6	11.0	10.6	10.7	10.8	10.3	10.5			
11	26.6	26.3	26.5	20.5	19.8	20.1	10.8	10.5	10.7	10.5	10.3	10.4			
12	26.9	26.3	26.5	20.6	20.3	20.5	10.9	10.5	10.7	10.4	9.9	10.1			
13	26.8	26.6	26.7	20.5	19.8	20.2	11.1	10.7	10.9	9.9	9.6	9.7			
14	26.7	25.7	26.3	19.8	19.3	19.4	11.0	10.6	10.8	9.7	9.3	9.5			
15	25.8	24.5	25.2	19.3	19.0	19.1	10.8	10.3	10.5	9.6	9.2	9.4			
16	24.8	23.8	24.3	19.1	18.9	19.1	10.7	10.2	10.4	9.5	9.2	9.4			
17	23.9	23.2	23.5	19.0	17.8	18.6	10.8	10.4	10.5	9.5	9.1	9.4			
18	23.2	22.4	22.8	17.8	16.7	17.2	10.8	10.4	10.6	9.1	8.5	8.8			
19	22.5	22.1	22.3	16.9	16.4	16.6	11.5	10.7	11.1	8.7	7.8	8.3			
20	22.5	21.9	22.2	16.6	16.2	16.4	12.2	11.3	11.8	8.3	7.7	8.0			
21	22.9	22.1	22.4	16.6	16.2	16.4	12.0	11.7	11.9	8.8	8.0	8.3			
22	22.8	22.3	22.5	16.5	15.9	16.3	12.0	11.5	11.7	8.9	8.6	8.7			
23	22.5	22.0	22.2	15.9	15.4	15.6	12.2	11.6	11.9	8.7	8.0	8.5			
24	22.2	21.9	22.0	15.5	15.1	15.3	12.6	11.9	12.2	8.0	7.1	7.5			
25	21.9	21.5	21.6	15.5	15.1	15.2	12.6	11.9	12.4	7.3	6.9	7.2			
26	21.7	21.4	21.5	15.6	15.2	15.4	11.9	11.4	11.7	7.3	6.9	7.1			
27	22.0	21.5	21.7	15.7	15.4	15.5	11.6	11.1	11.4	7.2	7.0	7.1			
28	22.5	21.8	22.1	15.5	14.8	15.0	11.3	10.9	11.1	7.2	6.7	6.9			
29	23.2	22.4	22.7	14.8	14.2	14.4	11.0	10.6	10.9	7.5	6.9	7.2			
30	23.3	22.7	23.0	14.2	13.5	13.8	11.0	10.6	10.9	7.9	7.4	7.6			
31	23.3	22.5	22.8	---	---	---	11.3	10.8	11.0	8.1	7.8	8.0			
MONTH	28.7	21.4	24.8	22.8	13.5	18.1	13.8	10.2	11.4	11.9	6.7	9.2			

DAY	MAX	MIN	MEAN	Temperature, water, degrees Celsius			MAX	MIN	MEAN	MAX	MIN	MEAN
				MAX	MIN	MEAN						
FEBRUARY												
1	8.6	8.0	8.2	12.6	12.0	12.3	18.4	17.3	17.9	23.6	22.9	23.3
2	8.9	8.3	8.6	12.9	12.0	12.5	18.1	17.0	17.6	24.2	22.9	23.4
3	9.5	8.6	9.0	13.1	12.3	12.7	18.3	17.4	17.8	24.1	23.1	23.6
4	10.0	9.1	9.5	13.2	12.4	12.8	18.5	17.7	18.0	24.5	23.3	23.8
5	10.1	9.3	9.7	13.7	12.6	13.1	19.2	18.0	18.5	24.7	23.7	24.2
6	10.0	9.5	9.8	14.1	13.0	13.5	19.5	18.5	19.0	25.3	24.0	24.6
7	9.9	9.5	9.8	14.2	13.2	13.8	19.7	18.8	19.3	25.7	24.5	25.1
8	9.9	9.4	9.6	14.3	13.2	13.8	19.6	18.8	19.3	26.1	24.8	25.4
9	9.8	9.4	9.6	14.5	13.4	14.0	19.0	18.5	18.8	26.6	25.1	25.9
10	10.2	9.4	9.8	15.0	13.6	14.3	18.5	17.8	18.1	27.0	25.7	26.3
11	10.2	9.6	9.9	15.6	13.9	14.8	17.8	16.9	17.3	27.1	26.0	26.5
12	10.3	9.7	10.0	16.3	14.4	15.4	17.5	16.6	17.0	27.0	25.9	26.4
13	10.3	9.7	10.1	16.6	15.0	15.8	18.0	16.9	17.4	26.5	25.1	25.6
14	10.4	9.8	10.2	16.6	15.2	16.0	18.7	17.5	18.1	25.9	24.1	25.1
15	11.0	10.1	10.5	16.5	15.0	15.6	19.5	18.3	18.8	25.2	23.7	24.7
16	11.1	10.7	10.9	15.9	14.7	15.3	20.1	18.9	19.5	25.5	24.1	24.8
17	11.1	10.5	10.8	15.9	14.8	15.3	20.9	19.5	20.2	25.8	24.5	25.1
18	10.8	10.2	10.5	16.0	14.6	15.4	21.3	20.3	20.8	25.7	24.7	25.3
19	10.9	10.1	10.5	16.6	14.9	15.8	21.6	20.8	21.2	25.4	24.3	25.1
20	11.3	10.5	10.9	17.2	15.6	16.4	21.6	21.0	21.3	24.9	24.2	24.6
21	11.8	11.1	11.3	18.1	15.9	17.1	21.8	21.0	21.4	24.8	24.0	24.6
22	12.6	11.5	11.8	18.8	16.4	17.7	22.3	21.1	21.7	24.7	24.5	24.6
23	12.6	12.0	12.3	18.8	17.0	18.0	22.0	21.1	21.5	24.8	24.3	24.5
24	13.0	12.1	12.5	19.0	17.2	18.2	22.0	21.1	21.6	25.0	24.4	24.6
25	13.4	12.4	12.8	19.4	17.5	18.5	21.8	21.2	21.5	25.5	24.7	25.0
26	13.3	12.7	13.0	19.7	17.9	18.9	21.8	21.0	21.4	---	---	---
27	13.3	12.6	12.8	19.8	18.4	19.1	22.0	21.2	21.6	---	---	---
28	12.9	12.2	12.5	20.1	18.4	19.3	22.3	21.5	22.0	---	---	---
29	---	---	---	20.6	19.0	19.7	22.9	21.8	22.4	---	---	---
30	---	---	---	20.7	19.0	19.9	23.4	22.3	22.9	---	---	---
31	---	---	---	19.6	17.7	18.6	---	---	---	---	---	---
MONTH	13.4	8.0	10.6	20.7	12.0	15.9	23.4	16.6	19.8	---	---	---

02176640 BEAUFORT RIVER AT PARRIS ISLAND, SC--Continued

Temperature, water, degrees Celsius
 WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	28.8	28.1	28.6	29.5	28.8	29.1	30.8	30.1	30.5
2	---	---	---	28.3	27.8	28.1	29.9	28.8	29.2	30.8	29.9	30.4
3	---	---	---	28.3	27.5	27.9	30.1	29.0	29.5	30.7	30.0	30.4
4	---	---	---	28.4	27.8	28.1	30.1	29.2	29.6	30.6	30.0	30.3
5	---	---	---	28.6	28.0	28.3	30.1	29.3	29.7	---	---	---
6	---	---	---	29.1	28.3	28.6	29.9	29.2	29.6	---	---	---
7	---	---	---	---	---	---	29.7	28.9	29.3	---	---	---
8	---	---	---	---	---	---	29.5	28.6	29.1	27.1	25.7	26.6
9	---	---	---	30.3	29.1	29.6	29.3	28.5	29.0	26.4	25.5	26.0
10	27.8	26.8	27.3	30.4	29.5	30.0	29.4	28.6	29.0	26.1	25.3	25.8
11	28.2	27.3	27.7	30.5	29.5	30.0	29.2	28.6	28.9	25.7	25.0	25.4
12	28.6	27.6	28.0	30.5	29.6	30.0	29.2	28.5	28.8	25.3	24.8	25.1
13	28.9	27.7	28.2	30.0	29.0	29.5	29.4	28.6	29.0	25.6	24.9	25.2
14	29.1	27.9	28.4	29.3	28.4	28.9	29.7	28.8	29.2	26.1	25.3	25.7
15	29.7	28.1	28.7	28.9	28.3	28.6	30.1	29.0	29.5	26.6	25.7	26.1
16	29.9	28.6	29.1	29.2	28.3	28.7	30.3	29.3	29.8	26.9	26.0	26.5
17	29.6	28.8	29.2	29.6	28.6	29.0	30.4	29.3	29.8	26.6	25.9	26.3
18	29.4	28.8	29.1	29.8	28.9	29.3	30.5	29.5	30.0	26.3	25.5	25.9
19	29.5	28.6	29.0	29.9	29.1	29.4	30.6	29.6	30.1	26.3	25.5	25.9
20	29.5	28.8	29.1	30.1	29.1	29.5	30.6	29.7	30.2	26.6	25.7	26.1
21	29.4	28.7	29.0	30.3	29.4	29.8	30.7	29.8	30.2	26.9	25.9	26.3
22	29.4	28.6	29.0	30.0	29.4	29.7	30.5	29.7	30.1	27.0	26.1	26.5
23	29.5	28.7	29.1	29.7	28.9	29.3	30.5	29.7	30.1	27.0	26.3	26.7
24	29.5	28.7	29.2	29.2	28.5	28.7	30.5	29.7	30.1	26.9	26.3	26.6
25	29.7	28.9	29.3	28.7	28.3	28.4	30.4	29.5	30.0	---	---	---
26	29.7	28.9	29.4	28.4	28.0	28.2	30.5	29.6	30.0	---	---	---
27	29.8	29.0	29.4	28.6	28.0	28.2	30.6	29.6	30.1	26.7	25.9	26.3
28	29.6	28.9	29.2	28.7	28.1	28.4	30.7	29.7	30.1	---	---	---
29	29.2	28.7	29.0	29.1	28.3	28.6	30.6	29.7	30.1	26.3	25.3	25.8
30	29.1	28.5	28.8	29.3	28.4	28.8	30.9	29.7	30.2	25.4	24.5	24.9
31	---	---	---	29.6	28.6	29.0	31.0	30.0	30.5	---	---	---
MONTH	---	---	---	---	---	---	31.0	28.5	29.7	---	---	---

BROAD RIVER BASIN

02176640 BEAUFORT RIVER AT PARRIS ISLAND, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	6.7	4.8	5.8	8.3	6.9	7.6	10.1	7.9	9.3	10.2	8.3	9.5
2	6.7	4.9	5.8	8.3	6.4	7.6	10.1	7.9	9.1	10.1	8.6	9.6
3	6.7	5.1	5.9	8.1	6.1	7.4	10.1	7.7	8.9	10.0	9.5	9.9
4	6.9	5.0	5.9	7.4	5.3	6.4	10.4	8.0	9.4	10.3	9.4	10.0
5	6.9	4.9	5.9	6.7	5.0	6.0	10.0	8.1	9.2	10.4	9.1	10.1
6	7.1	4.9	5.9	7.3	5.2	6.4	9.8	8.2	9.1	10.6	9.6	10.3
7	6.8	4.8	5.8	7.7	5.6	6.9	9.6	8.2	9.2	10.8	10.0	10.5
8	6.8	5.0	6.0	7.8	6.1	7.2	10.5	8.6	9.4	10.9	9.9	10.7
9	7.0	5.3	6.0	---	---	---	10.5	8.7	9.6	11.0	9.9	10.7
10	6.6	5.2	5.8	---	---	---	11.0	8.5	9.8	11.0	9.9	10.7
11	6.2	5.3	5.8	---	---	---	11.0	9.0	10.2	11.1	9.9	10.8
12	6.0	5.2	5.7	---	---	---	10.9	9.1	10.2	11.3	10.4	11.0
13	6.0	5.0	5.5	---	---	---	11.0	9.4	10.3	11.3	10.2	11.0
14	6.2	4.8	5.5	8.1	7.1	7.7	11.0	9.4	10.4	11.4	10.7	11.1
15	7.0	5.3	6.0	8.0	6.9	7.6	11.4	9.6	10.6	11.3	10.3	11.0
16	6.8	5.4	6.1	7.9	6.9	7.5	11.3	9.6	10.6	11.3	10.4	11.0
17	6.9	5.5	6.3	7.9	6.8	7.4	11.6	9.7	10.7	11.2	10.7	11.0
18	7.0	5.6	6.3	8.4	7.2	8.0	11.7	9.8	10.8	11.3	10.8	11.0
19	6.7	5.7	6.3	8.5	7.4	8.1	11.7	10.0	10.8	11.3	10.8	11.1
20	6.7	5.7	6.4	8.4	7.3	8.0	10.9	9.8	10.4	11.5	11.0	11.2
21	6.8	5.8	6.4	8.7	7.4	8.3	10.6	9.6	10.2	11.4	11.0	11.2
22	6.9	5.9	6.5	8.9	7.9	8.5	10.7	9.7	10.3	11.2	10.9	11.1
23	7.0	6.2	6.6	9.1	8.1	8.8	10.7	9.7	10.2	11.3	10.8	11.1
24	7.1	6.1	6.7	9.3	8.2	9.0	10.4	9.3	10.0	11.6	11.0	11.3
25	7.5	6.1	6.8	9.4	8.6	9.1	10.0	9.1	9.6	11.6	11.2	11.3
26	7.3	5.9	6.7	9.5	8.5	9.1	10.1	8.6	9.5	11.6	11.2	11.4
27	7.4	5.9	6.8	9.6	8.6	9.2	10.1	7.9	9.3	11.8	11.2	11.5
28	7.7	6.0	6.9	9.9	8.9	9.5	10.3	7.9	9.3	11.8	11.3	11.6
29	7.8	6.0	7.1	10.0	8.8	9.5	10.3	7.9	9.5	11.7	11.2	11.5
30	7.9	6.6	7.4	10.0	8.4	9.4	10.3	8.5	9.7	11.7	11.1	11.4
31	8.1	6.7	7.6	---	---	---	10.3	8.2	9.6	11.5	11.0	11.3
MONTH	8.1	4.8	6.3	---	---	---	11.7	7.7	9.8	11.8	8.3	10.9

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	11.3	10.8	11.1	10.3	9.1	9.7	8.9	7.1	8.2	7.2	5.6	6.6
2	11.2	10.8	11.0	10.3	9.0	9.6	9.4	7.6	8.6	7.3	5.9	6.7
3	11.2	10.6	10.9	10.2	9.0	9.7	9.5	7.8	8.8	7.3	5.9	6.7
4	11.0	10.6	10.8	10.2	9.0	9.7	9.3	7.9	8.8	7.3	5.9	6.7
5	10.8	10.4	10.7	9.9	9.4	9.6	9.1	7.8	8.7	7.1	6.0	6.6
6	10.8	10.4	10.6	9.7	9.3	9.5	8.9	7.6	8.5	7.2	5.5	6.5
7	10.6	10.2	10.5	9.6	9.1	9.3	8.6	7.3	8.2	7.2	5.6	6.5
8	10.8	10.2	10.5	9.8	9.0	9.4	8.4	7.2	7.9	7.3	5.9	6.6
9	10.8	10.4	10.6	9.6	9.1	9.4	8.3	7.0	7.8	7.3	5.6	6.6
10	10.8	10.4	10.6	9.8	9.0	9.4	8.3	7.0	7.8	7.3	5.8	6.7
11	10.8	10.1	10.6	10.1	9.1	9.6	8.5	7.1	8.0	7.6	5.5	6.7
12	10.9	10.4	10.6	10.1	8.8	9.6	8.7	7.2	8.2	7.9	5.6	6.8
13	10.9	10.3	10.7	10.1	8.8	9.4	8.9	7.3	8.3	7.6	5.6	6.8
14	11.0	10.4	10.7	9.9	8.4	9.2	9.1	7.4	8.4	7.3	5.7	6.6
15	11.0	10.4	10.7	9.9	8.3	9.2	8.9	7.6	8.4	7.3	5.5	6.3
16	10.9	10.0	10.5	9.3	8.1	8.7	8.7	7.6	8.2	7.3	5.2	6.1
17	10.6	9.8	10.3	9.5	8.0	8.8	8.3	7.4	8.0	7.1	5.2	6.1
18	10.6	9.7	10.2	9.4	8.4	9.0	8.4	7.4	7.9	6.9	5.2	6.1
19	10.7	9.9	10.2	9.6	8.2	8.9	8.1	6.9	7.6	6.7	5.6	6.1
20	10.8	9.9	10.3	9.3	8.5	9.0	8.0	6.6	7.3	6.7	5.3	6.1
21	10.6	9.8	10.2	9.2	8.3	8.8	8.0	6.4	7.0	6.8	5.2	6.0
22	10.5	9.7	10.1	9.3	8.3	8.8	7.5	6.6	7.1	6.4	5.0	5.9
23	10.5	9.5	10.1	9.0	8.2	8.7	7.7	6.6	7.3	6.3	5.4	5.9
24	10.5	9.5	10.1	9.0	8.0	8.5	7.7	6.6	7.3	6.2	5.2	5.9
25	10.6	9.5	10.1	8.8	7.8	8.4	7.6	6.3	7.1	6.3	5.1	5.8
26	10.5	9.1	9.9	8.9	7.6	8.3	7.6	6.1	7.0	---	---	---
27	10.3	9.3	9.8	8.8	7.6	8.2	7.5	5.9	6.7	---	---	---
28	10.4	9.1	9.8	8.6	7.4	8.1	7.4	6.0	6.8	---	---	---
29	---	---	---	8.5	7.4	8.1	7.2	5.6	6.6	---	---	---
30	---	---	---	8.3	7.1	7.9	7.6	5.9	6.9	---	---	---
31	---	---	---	8.9	7.3	8.1	---	---	---	---	---	---
MONTH	11.3	9.1	10.4	10.3	7.1	9.0	9.5	5.6	7.8	---	---	---

BROAD RIVER BASIN

565

02176640 BEAUFORT RIVER AT PARRIS ISLAND, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	---	---	---	6.7	4.7	5.6	6.7	4.7	5.8	6.7	4.7	5.8
2	---	---	---	6.8	5.3	6.0	6.7	4.9	5.9	6.9	4.7	5.9
3	---	---	---	7.3	5.5	6.3	6.6	4.9	6.0	7.1	5.2	6.2
4	---	---	---	7.0	5.5	6.3	6.8	5.1	6.0	7.2	4.9	6.1
5	---	---	---	6.9	5.4	6.3	6.9	5.2	6.1	---	---	---
6	---	---	---	7.3	5.1	6.4	6.9	5.0	6.1	---	---	---
7	---	---	---	---	---	---	6.7	4.9	6.0	---	---	---
8	---	---	---	---	---	---	6.6	4.9	5.8	6.6	5.5	6.0
9	---	---	---	7.5	5.2	6.6	7.0	4.7	5.8	7.0	5.6	6.2
10	7.4	5.4	6.5	7.3	5.0	6.4	6.9	5.0	5.9	6.9	5.6	6.2
11	7.5	5.7	6.6	7.1	5.4	6.2	6.9	5.1	5.9	7.2	5.7	6.5
12	7.3	6.0	6.5	6.7	5.4	5.9	6.9	5.1	6.0	7.2	5.9	6.5
13	7.3	5.8	6.5	5.9	5.0	5.5	7.0	5.2	6.1	7.4	5.6	6.5
14	7.2	5.8	6.4	5.9	4.2	5.1	7.2	5.3	6.3	7.1	5.6	6.5
15	7.1	5.7	6.4	6.1	4.1	5.1	6.9	5.1	6.1	7.0	5.4	6.4
16	6.7	5.4	6.1	6.1	4.2	5.3	6.6	4.7	5.9	7.1	6.0	6.5
17	6.4	5.3	5.8	6.1	4.4	5.5	6.6	4.7	5.9	7.3	5.9	6.7
18	5.9	5.0	5.6	6.3	4.3	5.4	6.7	4.7	5.9	7.4	6.1	6.8
19	6.3	5.0	5.6	6.9	4.7	5.9	6.9	5.0	6.0	7.5	6.1	6.8
20	6.8	4.9	5.9	6.9	5.1	6.2	6.7	4.8	5.8	7.5	5.9	6.7
21	7.2	5.4	6.2	6.5	5.4	6.0	6.8	4.6	5.6	7.5	5.7	6.6
22	7.4	5.5	6.4	6.9	5.2	6.1	7.1	4.4	5.6	7.1	5.6	6.4
23	7.4	5.7	6.5	7.1	5.2	6.2	7.8	4.4	5.9	6.7	5.1	6.0
24	7.0	5.7	6.5	7.3	4.9	6.1	7.8	4.8	6.2	6.5	4.9	5.6
25	6.9	5.5	6.2	6.6	4.8	5.7	6.8	4.6	5.8	---	---	---
26	6.9	5.5	6.1	6.8	4.6	5.7	6.6	4.3	5.5	---	---	---
27	6.9	5.4	6.1	6.9	4.9	5.8	6.7	4.3	5.4	6.5	4.6	5.6
28	6.6	5.2	6.0	6.7	4.7	5.6	6.6	4.2	5.3	---	---	---
29	6.6	5.0	5.8	7.0	4.6	5.7	6.4	4.3	5.3	6.6	5.0	5.7
30	6.5	5.0	5.7	7.0	4.9	5.8	6.3	4.2	5.3	6.3	4.9	5.7
31	---	---	---	6.8	5.0	6.0	6.6	4.5	5.6	---	---	---
MONTH	---	---	---	---	---	---	7.8	4.2	5.8	---	---	---

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.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--June 2002 to current year.

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, 5,280 ft³/s, Apr. 17, 2003, maximum gage height, 18.80 ft, Aug. 8, 2002; minimum discharge, -6,800 ft³/s, Apr. 17, 2003, minimum gage height, 5.40 ft, Nov. 6, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 5,280 ft³/s, Apr. 17, maximum gage height, 18.79 ft, Dec. 4; minimum discharge, -6,800 ft³/s, Apr. 17, minimum gage height, 5.40 ft, Nov. 6.

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	---	---	---	---	3450	-3570	3060	-2980	3460	-2850	2630	-2750
2	---	---	---	---	3500	-3020	3070	-2480	3340	-3470	2760	-3810
3	---	---	---	---	3030	-3120	2560	-2440	3410	-3720	3440	-4410
4	---	---	---	---	3530	-3520	2940	-2930	3500	-4230	3860	-4240
5	---	---	---	---	3320	-3660	3770	-3300	3610	-4720	4120	-4790
6	---	---	---	---	3460	-3700	3950	-3720	4060	-5200	4310	-5410
7	---	---	---	---	4060	-4480	3890	-4270	4840	-5740	4250	-5340
8	---	---	---	---	4540	-4970	3790	-4670	5010	-6750	4290	-5330
9	---	---	---	---	4680	-5260	3560	-4170	4840	-6180	4220	-4500
10	---	---	---	---	4750	-5660	4010	-4900	5050	-5580	3970	-4650
11	---	---	---	---	4900	-5890	3830	-4090	4920	-5390	3880	-3600
12	---	---	---	---	4420	-5370	4360	-5760	4770	-4950	3400	-3290
13	---	---	---	---	4240	-5330	4260	-5070	4180	-3910	3030	-3110
14	---	---	---	---	4520	-5330	4180	-4210	4090	-3580	2890	-3120
15	---	---	---	---	5200	-5350	4130	-3940	3420	-3700	2800	-2960
16	---	---	---	---	4960	-4850	3800	-3640	3270	-3670	2440	-1960
17	---	---	---	---	4930	-4910	3820	-3880	3430	-3550	2550	-2690
18	---	---	---	---	4320	-4450	3650	-4060	3510	-3380	2600	-3170
19	---	---	---	---	4280	-4260	3620	-4290	3910	-3560	3280	-3960
20	---	---	---	---	4680	-4780	3890	-4930	3350	-3590	3300	-4040
21	---	---	---	---	4480	-4520	3900	-4900	3430	-3860	2930	-3450
22	---	---	---	---	4930	-5670	4030	-4660	3300	-4030	2880	-3670
23	---	---	---	---	4680	-4640	3750	-4610	3300	-2990	2550	-2940
24	---	---	---	---	4210	-5200	3280	-3890	3080	-2950	2220	-2630
25	---	---	---	---	4400	-5100	3190	-4030	2980	-3060	2510	-2490
26	---	---	---	---	4620	-3950	3470	-3860	4060	-3250	2890	-3390
27	---	---	---	---	4090	-3790	3390	-3180	2720	-2740	2530	-1590
28	---	---	---	---	4230	-2800	3240	-2510	2760	-2600	2390	-1770
29	---	---	---	---	3140	-2850	2830	-2660	2170	-2770	2420	-1790
30	---	---	---	---	2770	-2300	2670	-2310	2630	-3350	2230	-1990
31	---	---	---	---	---	---	2760	-2590	3450	-2940	---	---
MONTH	---	---	---	---	5200	-5890	4360	-5760	5050	-6750	4310	-5410

BROAD RIVER BASIN

02176711 MAY RIVER NEAR PRITCHARDVILLE, 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	2680	-2640	2950	-3640	4100	-4030	5270	-5790	4110	-4460	3830	-4760
2	2600	-2910	3490	-4100	4590	-5250	4510	-4900	3730	-4070	4230	-4260
3	3380	-3630	3950	-4720	4720	-4770	3800	-4510	3460	-4050	4020	-4590
4	3760	-4550	3910	-4750	4980	-6590	4020	-4680	3180	-3070	4120	-4710
5	3990	-4290	3840	-5050	5060	-5650	4090	-4120	2870	-2640	3960	-4070
6	4080	-5190	4180	-3890	4830	-4370	3740	-3360	2830	-2400	3310	-3730
7	4220	-5220	3370	-4060	4330	-4050	3150	-2720	2650	-1690	---	---
8	4300	-5030	2870	-3610	3910	-3510	2580	-2210	1760	-1720	---	---
9	4160	-4740	2520	-3120	3670	-3460	2300	-1790	1590	-1720	---	---
10	4370	-4280	1970	-2320	3710	-3530	2200	-1740	2380	-2310	---	---
11	3560	-3290	2200	-2200	3320	-2950	2390	-2210	2970	-2470	2900	-2400
12	3030	-3230	1940	-1540	2840	-2690	2690	-2230	2770	-2330	3030	-2380
13	2630	-3220	2550	-2140	---	---	2930	-2670	3330	-2630	2980	-3150
14	2100	-3200	2500	-2590	---	---	2980	-2780	2610	-2830	3220	-3680
15	2640	-3250	2600	-3250	---	---	2560	-2920	3410	-3670	3810	-4100
16	2810	-2730	2510	-3340	---	---	3550	-3660	3910	-5480	4270	-5070
17	2890	-2660	3140	-2930	---	---	3370	-3310	4620	-5640	4860	-5370
18	3000	-2930	2640	-3050	3610	-4430	3790	-4310	4030	-5010	4980	-6110
19	2900	-3190	2560	-3170	4030	-4550	3170	-3630	4560	-4860	4860	-6340
20	3040	-3110	2590	-3650	4510	-3960	3150	-3380	4100	-4630	4850	-5530
21	2590	-3350	2580	-3650	3380	-3230	3440	-3230	4310	-4370	4520	-5660
22	2670	-3260	2510	-2680	3230	-3490	3600	-4140	4030	-3900	4540	-4740
23	2700	-2810	1910	-2670	3250	-3380	3300	-2390	2930	-3070	4200	-3930
24	2240	-2620	2080	-2410	4490	-4250	2890	-3360	3260	-3190	4050	-4050
25	2170	-2750	1990	-1710	2150	-1920	3420	-2490	2970	-3460	3930	-3970
26	2290	-2870	3570	-3180	3990	-4230	3700	-3530	3170	-3800	3780	-3750
27	2310	-2340	3130	-3410	3760	-3810	3280	-3120	3530	-4180	3780	-4120
28	2210	-2450	3660	-3960	3120	-3360	3350	-3510	3890	-4420	3730	-4210
29	2590	-2350	3700	-3910	3040	-3260	4000	-3820	---	---	3960	-3870
30	2440	-3370	2870	-2550	4360	-4710	4000	-4500	---	---	4110	-4240
31	2320	-3250	---	---	4380	-5080	3800	-4370	---	---	4490	-4210
MONTH	4370	-5220	4180	-5050	---	---	5270	-5790	4620	-5640	---	---

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	3690	-3590	4120	-4370	3560	-4260	3970	-5220	4330	-5170	3860	-4370
2	3310	-3350	4010	-4730	3700	-4360	3940	-3250	4270	-3880	3830	-3860
3	3660	-3210	4010	-4200	3650	-4780	4150	-3940	4250	-3710	3670	-3720
4	3660	-3600	3320	-5050	3330	-3620	4090	-3650	4180	-3800	3650	-4070
5	3520	-3140	3840	-4010	3080	-3340	3920	-3190	4540	-3910	3410	-4610
6	3460	-3670	3690	-3460	3450	-3520	3750	-3630	4220	-4930	3540	-4450
7	3360	-2800	3890	-2470	3730	-3780	3740	-3620	4660	-4430	3840	-4020
8	3860	-3890	3320	-2420	3410	-3760	3800	-4280	4300	-4870	4210	-4390
9	3790	-3530	3180	-2750	3430	-3780	4550	-5250	4720	-5950	4360	-4900
10	3810	-3300	2930	-3180	3860	-4910	4390	-5230	4540	-5050	3870	-4240
11	3700	-4320	3600	-3220	4320	-5300	4640	-5500	4850	-5030	4010	-4480
12	3930	-3710	3680	-3800	4950	-5660	4990	-5370	4890	-4910	3930	-4040
13	4170	-4850	4490	-5080	5010	-6420	4840	-5120	4890	-4820	3900	-2930
14	4480	-5220	4790	-5760	4770	-5800	4610	-5180	4680	-4150	3570	-3320
15	4990	-5600	4860	-5610	4850	-5730	4440	-4900	3980	-3880	3180	-2410
16	5000	-6250	5040	-5900	4640	-4860	4210	-3740	3930	-3340	2750	-2450
17	5280	-6800	5260	-5990	4460	-4840	4520	-3310	3390	-2640	2740	-2190
18	4970	-6500	4800	-5970	4230	-3840	4020	-3490	3200	-2210	3090	-2110
19	5180	-5520	4680	-5100	4210	-3420	3460	-2710	3660	-2900	2090	-1470
20	4870	-5200	4060	-4720	3480	-3620	3510	-2930	3340	-2940	2480	-1900
21	4840	-4410	3880	-4350	3450	-3870	3900	-2810	3010	-2880	2950	-3120
22	4560	-4540	3490	-3760	3740	-3670	3210	-3080	3530	-2770	3040	-3180
23	3810	-4010	3280	-3100	3730	-3790	3330	-2020	2720	-3550	3650	-4090
24	3440	-3570	3330	-3340	3650	-3230	2720	-1900	3620	-3500	4170	-4380
25	3180	-3590	3480	-3470	3530	-3550	3520	-2810	4100	-4780	4590	-4850
26	3720	-4050	3580	-3560	3820	-3960	4140	-3910	4480	-4960	4550	-4910
27	3700	-4490	3530	-3310	3990	-4010	4130	-3630	4730	-5530	4490	-4700
28	3970	-4260	3530	-3970	4040	-4230	4510	-4350	4570	-5660	4330	-4460
29	4100	-4500	3270	-3880	4100	-4340	4310	-5650	4310	-5440	4370	-3450
30	4010	-4470	3480	-4400	4000	-4880	4140	-4310	4440	-4650	4200	-3340
31	---	---	3690	-3550	---	---	4230	-4760	4440	-4080	---	---
MONTH	5280	-6800	5260	-5990	5010	-6420	4990	-5650	4890	-5950	4590	-4910

BROAD RIVER BASIN

02176711 MAY RIVER NEAR PRITCHARDVILLE, SC

WATER-QUALITY RECORDS

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.

PERIOD OF RECORD.--June 2002 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: June 2002 to current year.

WATER TEMPERATURE: June 2002 to current year.

DISSOLVED OXYGEN: June 2002 to current year.

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

REMARKS.--Specific conductance records rated good except for Mar. 2-19, which are poor. Temperature records rated excellent. Dissolved oxygen records rated fair except for Feb. 25-Mar. 2, Mar. 27-30, Apr. 25-27, May 6-10, 25, 26, June 8-11, June 28 to July 1, 19-22, 28, 29, Aug. 2-5, 17-19, and Sep. 8, 9, which are poor.

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, 43,400 microsiemens, Sep. 29, 30; minimum, 2,170 microsiemens, Apr. 10.

WATER TEMPERATURE: Maximum, 33.0°C, June 16; minimum, 3.7°C, Jan. 24.

DISSOLVED OXYGEN: Maximum, 12.2 mg/L, Jan. 25; minimum, 2.5 mg/L, Oct 1.

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	35700	23500	28900	39600	25900	34000	37100	24400	31800	38900	24200	32300
2	38600	24900	31300	40200	25800	35100	39000	27400	33700	38300	23000	32600
3	38900	25800	32400	40700	28600	36400	39300	27300	34700	38200	26400	32800
4	39700	27500	33800	41100	32300	37300	41200	31400	36600	38900	25300	33600
5	40200	29100	35000	41900	32800	38200	41200	33500	37400	39400	29700	34900
6	40700	30800	36200	41400	25600	36200	40900	31800	37300	39000	27600	34600
7	41400	33600	37700	41600	23300	35300	41000	33300	37500	38800	29900	34900
8	42400	30400	38400	41800	25600	36200	40900	33600	37700	37700	29500	34300
9	42200	25300	36500	41800	30400	36800	41500	35500	38400	37800	29000	34100
10	42400	21500	35800	41000	28700	36100	41300	34000	38100	37600	29700	33800
11	40200	11700	27300	39800	26000	34000	40500	30700	36100	37600	30100	34100
12	37600	9880	23800	38000	9520	27900	39200	27500	34000	37600	30600	34100
13	36300	14100	24800	34200	5340	20600	39300	27500	34300	38600	29900	34400
14	37100	19600	27700	34600	11800	22700	---	---	---	38600	29400	34500
15	37300	24900	30700	35400	14400	25200	---	---	---	38300	28900	34600
16	36900	25400	30900	35600	12500	25300	---	---	---	39900	29400	35400
17	37400	25400	31400	32500	6410	18900	---	---	---	39400	30200	35200
18	37500	24800	32400	29800	4300	17000	39300	23100	31900	40600	31300	36500
19	37300	28300	32900	32500	8360	20300	39400	25000	32700	40300	33300	36800
20	38000	29400	33600	33500	11100	22600	38800	25300	32000	40000	33700	36900
21	38500	30600	34200	34500	14200	24700	37800	22700	31500	40600	30100	36700
22	38700	31200	34900	33700	17100	24700	38100	25500	31900	41000	34400	37600
23	39300	32800	35700	32900	16800	25000	38400	25500	32300	40600	32600	37700
24	39400	33700	36200	33100	18500	25600	39500	18800	32800	40600	30500	37200
25	39900	33700	36400	33600	19700	26300	36300	10900	25700	40700	34100	37700
26	39800	33900	36500	34300	21100	27200	37800	8830	25000	41400	33100	38000
27	39600	34300	36400	34000	22500	27600	36800	15400	27300	41400	31900	38300
28	39800	34600	36500	35600	23900	29100	35600	17000	27600	42400	33700	38900
29	39200	30200	34600	36600	25400	30400	36400	19600	28300	42700	33700	39100
30	38700	24500	33100	34700	24400	30300	37700	21200	30400	42800	35000	39300
31	39200	23900	32900	---	---	---	38200	21600	31900	42700	35500	39700
MONTH	42400	9880	33200	41900	4300	28900	---	---	---	42800	23000	35800

BROAD RIVER BASIN

02176711 MAY RIVER NEAR PRITCHARDVILLE, SC--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	42900	35900	39900	39800	24100	33200	35600	25700	31800	36500	32100	33900
2	42900	34000	39800	39000	19000	31400	35200	26500	31600	36800	31800	34400
3	42600	36900	39900	38500	17400	30400	35600	28700	32000	36400	28600	33900
4	42400	35700	39700	38300	19400	30600	36300	29900	32600	37000	32100	34300
5	42100	36500	39700	37100	17400	29700	35700	30600	33000	36700	33200	34700
6	42300	37800	40200	35800	16200	28000	36600	31200	33300	36700	33100	34300
7	42300	33100	39400	34800	8320	24100	36600	26800	32800	35700	32500	33700
8	41400	34700	38700	---	---	---	33700	3920	20300	35200	32400	33700
9	41700	35600	38900	---	---	---	30800	2690	13200	36000	31800	34100
10	42100	34500	38400	---	---	---	25300	2170	10300	36900	33600	35200
11	41700	34300	37900	29900	14800	21500	23500	4470	11000	37200	33200	35400
12	41800	32900	37400	29400	16300	21700	23600	6090	13100	37500	32700	35300
13	41600	30900	37300	30200	17000	22500	25100	7210	15500	38400	34000	36300
14	42000	31700	37700	31100	18600	24000	25800	8830	17800	39400	35300	37300
15	42700	32200	38100	33200	17900	25600	27300	11400	19800	39600	36400	37800
16	43100	32400	38400	33700	16600	26300	29500	14500	22200	39900	36900	38300
17	42300	24000	36200	34500	18300	27700	31000	17600	24600	40600	37400	38700
18	40600	21200	34500	34800	16400	27400	31500	21100	26500	40200	37900	39000
19	40800	25100	34900	35700	17900	28400	32000	19700	27600	39600	32100	36800
20	40700	24600	34300	35400	12900	27600	32100	21700	28400	39900	31900	36000
21	40800	25900	34800	34600	12300	25300	32600	24700	29400	38700	32000	35600
22	40700	25100	34900	34800	14800	25500	33000	27900	30100	38300	32800	35600
23	39300	15300	29900	34000	17100	26500	32800	29100	30800	34300	7410	22300
24	39300	17400	30200	34300	20500	27600	33200	30000	31300	31300	6140	18800
25	39100	20200	30500	34300	23000	28500	33400	27800	31000	29400	8000	18600
26	39500	27000	32800	33800	23800	28700	33000	26500	30300	27300	4450	15300
27	39900	25700	33100	34200	25500	29900	35500	26900	31300	26000	3980	14000
28	39700	24000	32500	35100	27000	30900	35600	30200	32900	28900	6040	15700
29	---	---	---	35100	26800	31100	35800	30400	33100	27600	8810	16800
30	---	---	---	35200	26800	31200	36000	31100	33400	29100	10600	18600
31	---	---	---	35400	26300	31400	---	---	---	28400	13400	19500
MONTH	43100	15300	36400	---	---	---	36600	2170	26400	40600	3980	30400

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	---	---	---	38100	25300	33000	34100	13700	26700	38700	35300	36600
2	---	---	---	37300	19500	31800	34100	14000	26200	39100	35200	36800
3	---	---	---	37400	20600	30200	34600	17000	26900	39200	26400	35700
4	30200	12400	22200	37400	20400	30500	34400	12900	25700	39400	28000	34500
5	29800	11100	20100	37500	23900	31600	32900	8820	21900	39400	15500	33600
6	29900	12900	21300	37300	27200	32600	33400	8030	20800	37800	10700	28200
7	30800	14000	22000	37800	28300	33400	33600	9720	22100	37400	10700	26000
8	29900	11600	21200	38000	29800	34100	33400	14000	24100	36800	14000	26800
9	29800	10100	21000	38800	31600	34900	34000	14600	25200	36800	15900	28400
10	31600	11100	22700	39400	32600	35900	33900	14200	26300	36300	21800	30000
11	33200	16600	25000	40000	33800	36700	32900	15400	26100	36800	25100	31600
12	34200	19000	26900	40400	35100	37400	29600	7490	19600	37000	28400	32800
13	34800	23100	28500	40600	36500	38300	30600	8980	19800	36800	30200	33300
14	35400	25300	30000	40300	34800	38100	30100	12600	21900	37100	31200	33800
15	35900	27500	31200	39200	31800	36600	28700	15500	22500	36700	32300	34200
16	35900	28700	32100	39200	32700	36600	30100	17700	24100	37700	32200	35000
17	35900	30000	32700	39100	34500	36700	29100	19900	24500	38200	34100	35900
18	35900	28400	32500	39000	35100	37000	28800	21300	24700	38500	35000	36300
19	35800	25700	31900	38700	35600	37200	31500	21700	26100	38100	34000	36100
20	35200	24500	31400	38800	35600	37300	31700	24400	27300	38700	34300	36400
21	35200	28600	32200	39000	35600	37300	31700	25000	27700	39600	35700	37000
22	36100	30800	33200	39400	32500	36700	32100	25700	28000	---	---	---
23	35900	29800	33100	38900	29400	35600	32400	24700	28200	---	---	---
24	36200	31300	33500	37400	14700	30200	34400	26900	29400	41100	36200	38500
25	36500	31100	33800	37000	6910	24500	34200	26500	29900	41900	37500	39400
26	36600	30300	33500	35600	7140	21600	35800	27100	31100	42200	38500	40200
27	36800	30400	33300	35500	8730	21600	36500	30100	32600	42600	39200	40800
28	37300	31100	34800	34600	9950	22300	37000	31300	33600	42900	40000	41300
29	37400	31800	34800	34700	12800	23400	37200	32600	34500	43400	40800	42000
30	37900	27300	35000	34300	15600	24900	38100	33100	35200	43400	41100	42000
31	---	---	---	34500	18100	26500	38300	34500	36000	---	---	---
MONTH	---	---	---	40600	6910	32400	38300	7490	26700	---	---	---

BROAD RIVER BASIN

02176711 MAY RIVER NEAR PRITCHARDVILLE, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	28.0	26.6	27.3	22.1	20.2	21.3	12.1	10.6	11.4	13.8	11.6	12.6
2	28.0	26.4	27.3	21.2	19.9	20.6	11.7	10.3	11.0	13.1	12.2	12.6
3	28.5	26.8	27.7	20.5	19.2	20.0	12.0	10.1	11.2	12.5	10.8	12.0
4	28.7	27.4	28.0	20.0	18.8	19.4	11.6	10.3	11.0	10.8	9.4	10.3
5	30.0	27.7	28.5	19.5	18.1	19.0	10.4	9.5	9.9	10.5	8.8	9.9
6	30.6	28.2	29.1	20.4	18.7	19.7	11.0	9.4	10.2	11.2	9.2	10.2
7	30.2	28.5	29.2	18.7	16.6	18.0	10.8	9.3	10.1	10.4	8.7	9.6
8	29.1	27.3	28.2	18.3	15.6	17.6	10.4	8.8	9.9	9.9	7.6	9.0
9	27.8	25.0	26.2	18.6	16.5	17.9	10.3	9.5	10.0	11.3	8.5	9.9
10	26.4	24.3	25.5	19.8	17.9	18.9	10.1	9.4	9.8	12.5	10.6	11.4
11	26.1	24.0	25.2	21.1	19.4	20.2	10.2	9.8	10.0	11.5	10.1	10.7
12	26.9	23.6	25.6	20.9	20.2	20.6	10.9	9.9	10.4	10.8	9.1	9.7
13	26.6	24.7	25.9	20.6	18.0	19.5	12.1	10.6	11.0	9.2	8.4	8.8
14	26.2	23.8	25.2	19.1	16.5	18.0	---	---	---	9.2	7.7	8.6
15	24.4	22.7	23.6	18.8	16.6	17.8	---	---	---	9.3	7.8	8.6
16	23.3	21.6	22.5	18.6	17.5	18.1	---	---	---	9.2	7.9	8.6
17	22.6	21.1	21.9	18.3	13.2	16.7	---	---	---	9.4	8.1	9.0
18	21.8	20.6	21.2	15.1	12.5	13.7	11.5	10.5	10.9	8.1	7.0	7.7
19	21.6	20.5	21.0	14.9	11.9	13.7	13.4	11.3	12.1	7.3	6.0	6.7
20	22.6	20.7	21.6	15.4	13.0	14.5	15.0	12.7	13.7	8.6	5.8	7.0
21	24.0	21.8	22.6	15.6	14.4	15.2	13.4	12.2	12.8	11.3	7.7	9.0
22	23.1	22.3	22.7	15.9	14.5	15.3	12.9	11.0	12.1	10.8	9.3	10.0
23	22.4	21.7	22.0	14.5	12.5	13.8	13.5	11.8	12.6	9.3	7.4	8.6
24	21.9	21.5	21.7	14.0	11.7	13.4	13.5	12.4	12.9	7.4	3.7	6.0
25	21.6	21.0	21.2	14.4	12.2	13.6	13.5	12.0	13.1	6.3	3.8	5.5
26	21.8	20.7	21.3	15.0	12.9	14.2	12.0	9.0	10.7	7.4	5.5	6.5
27	22.8	21.1	21.9	15.3	13.4	14.5	11.0	8.3	10.1	7.4	6.0	6.8
28	23.8	22.1	22.8	14.7	12.5	13.6	10.4	8.0	9.5	7.6	5.9	6.9
29	24.4	23.0	23.7	13.3	10.9	12.3	10.4	8.3	9.6	9.4	6.8	7.9
30	24.5	23.5	24.0	12.3	10.7	11.6	10.8	9.2	10.1	11.2	8.4	9.7
31	23.7	21.0	22.5	---	---	---	12.2	10.3	10.9	11.6	9.5	10.4
MONTH	30.6	20.5	24.4	22.1	10.7	16.8	---	---	---	13.8	3.7	9.0

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	12.4	9.4	10.7	13.3	12.7	13.0	18.8	16.0	17.5	25.9	24.7	25.4
2	12.9	9.8	11.1	15.1	13.3	13.9	20.6	16.3	18.2	27.6	23.9	25.4
3	13.4	10.5	11.8	15.1	13.5	14.2	21.6	17.9	19.4	26.5	24.6	25.5
4	14.7	12.0	13.0	14.2	13.7	14.0	21.4	19.1	20.1	28.0	24.4	25.8
5	13.8	11.6	12.6	16.3	13.8	14.7	23.4	19.7	21.1	27.3	25.4	26.1
6	12.4	11.7	12.0	17.3	15.2	16.2	23.5	21.1	22.0	28.2	25.8	26.7
7	11.7	10.8	11.3	16.6	15.4	16.2	23.0	21.4	22.1	28.9	26.5	27.4
8	11.6	9.9	10.7	---	---	---	21.9	17.3	20.2	29.6	26.9	28.0
9	11.1	9.9	10.5	---	---	---	20.0	16.2	17.9	30.3	27.5	28.6
10	12.7	10.6	11.3	---	---	---	18.6	14.3	16.3	30.5	28.1	29.1
11	12.4	10.6	11.4	18.8	16.2	17.2	17.0	13.2	15.0	29.7	28.2	29.0
12	12.5	10.6	11.5	20.3	17.2	18.3	17.8	14.2	16.1	29.2	27.0	28.1
13	12.3	10.6	11.6	19.7	18.2	19.0	19.6	16.8	18.1	27.4	25.4	26.5
14	12.3	10.9	11.7	19.6	17.4	18.5	21.3	18.7	20.0	26.1	25.2	25.8
15	14.9	11.7	13.2	17.7	15.6	16.7	23.4	19.9	21.4	26.1	24.7	25.4
16	15.2	13.2	13.9	17.8	15.3	16.5	24.0	20.7	22.1	27.7	25.1	26.1
17	13.3	11.6	12.3	17.6	16.7	16.9	24.4	21.6	22.6	28.9	25.9	27.0
18	12.5	10.0	11.4	17.6	16.5	17.0	24.6	22.1	23.1	28.0	26.4	27.0
19	13.3	10.3	11.7	18.9	17.0	17.7	24.8	22.7	23.4	26.5	25.2	25.8
20	14.3	11.9	12.8	19.6	17.8	18.6	23.4	22.0	22.9	26.4	23.7	25.3
21	14.7	12.9	13.6	21.7	18.6	19.8	23.6	21.2	22.6	27.6	24.7	26.1
22	15.6	13.4	14.5	22.5	19.2	20.6	24.7	22.2	23.3	26.6	25.6	26.2
23	15.6	13.5	14.6	21.2	19.6	20.5	23.9	21.3	22.8	25.9	22.3	24.7
24	15.8	12.9	14.5	21.5	18.8	20.4	23.3	21.2	22.5	26.3	22.9	24.9
25	16.4	14.3	15.3	21.9	19.0	20.6	22.8	21.5	22.2	27.1	24.4	25.8
26	16.1	14.9	15.3	22.0	20.0	21.1	22.8	21.2	22.0	27.2	24.1	25.9
27	14.9	12.8	14.0	21.7	20.9	21.3	24.0	21.8	22.9	27.4	24.9	26.1
28	13.5	12.1	12.9	22.0	20.6	21.2	25.0	22.8	23.8	27.6	25.1	26.4
29	---	---	---	23.7	21.1	22.4	26.6	23.4	24.7	27.3	25.8	26.5
30	---	---	---	23.4	18.6	21.3	27.3	24.1	25.5	27.2	25.1	26.2
31	---	---	---	18.7	16.8	18.0	---	---	---	28.0	25.3	26.6
MONTH	16.4	9.4	12.5	---	---	---	27.3	13.2	21.1	30.5	22.3	26.4

BROAD RIVER BASIN

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02176711 MAY RIVER NEAR PRITCHARDVILLE, SC--Continued

Temperature, water, degrees Celsius
 WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	---	---	---	29.2	27.7	28.4	30.5	29.1	30.0	31.7	30.3	31.1
2	---	---	---	28.8	27.0	28.0	31.1	27.6	29.9	32.0	29.5	30.9
3	---	---	---	30.3	26.6	28.5	31.1	28.5	30.1	31.4	29.0	30.4
4	26.7	25.0	25.9	30.4	27.7	29.2	31.6	28.5	30.0	31.2	28.6	30.2
5	28.8	24.5	26.7	30.2	27.8	29.3	30.6	26.4	29.2	30.6	27.6	29.9
6	28.1	26.4	27.6	31.3	28.6	30.0	30.3	27.4	29.3	29.5	25.1	27.7
7	28.4	26.4	27.5	31.4	29.4	30.5	30.0	27.6	29.2	26.9	24.0	25.6
8	28.3	26.2	27.4	32.2	29.5	30.9	29.6	28.2	29.1	25.8	24.1	24.9
9	29.5	26.5	28.1	32.6	30.6	31.7	30.1	28.5	29.3	26.1	24.0	25.2
10	30.0	28.2	29.2	32.4	31.1	31.8	30.4	28.9	29.6	25.8	25.3	25.5
11	30.8	29.0	29.9	32.4	30.7	31.5	29.5	27.2	28.7	26.5	24.6	25.5
12	31.3	29.6	30.3	32.2	30.7	31.3	28.5	25.0	27.3	27.0	25.0	25.8
13	31.8	29.5	30.3	30.8	29.5	30.1	30.3	26.3	28.6	27.8	25.4	26.4
14	31.7	29.4	30.3	29.5	28.4	28.9	31.3	28.4	29.8	28.8	26.1	27.2
15	32.4	29.4	30.7	29.1	27.2	28.3	31.7	29.4	30.5	29.3	26.9	27.9
16	33.0	30.2	31.3	31.0	27.6	29.1	31.8	29.3	30.7	29.3	27.3	28.3
17	31.2	30.0	30.7	31.7	28.6	30.0	31.9	29.1	30.7	28.5	26.8	27.7
18	30.7	29.1	30.2	32.5	29.2	30.6	32.3	29.7	31.0	27.5	25.6	26.8
19	31.4	28.2	30.2	32.3	29.8	30.9	32.0	29.8	31.1	27.7	25.3	26.7
20	31.2	28.8	30.3	32.4	29.2	30.8	31.4	30.0	30.8	27.9	25.7	27.0
21	31.2	28.9	30.1	31.7	30.3	31.1	31.4	29.3	30.5	28.0	26.7	27.5
22	30.7	28.5	29.9	31.0	29.3	30.4	31.0	29.4	30.4	---	---	---
23	30.7	28.4	29.7	30.2	28.2	29.3	31.4	29.2	30.5	---	---	---
24	30.8	28.5	29.9	28.8	26.0	27.8	31.9	29.7	30.8	28.1	27.0	27.4
25	31.2	28.8	30.1	28.5	25.4	27.1	31.6	30.3	30.9	27.6	26.4	26.9
26	31.5	29.2	30.4	28.7	26.2	27.4	32.0	30.2	31.0	27.4	26.4	26.9
27	31.3	29.8	30.5	29.5	27.1	28.4	32.1	30.6	31.3	27.6	26.3	26.9
28	31.0	29.7	30.2	29.9	27.5	28.7	32.4	30.3	31.3	28.2	26.2	27.1
29	30.6	29.4	29.8	31.1	28.6	29.6	32.2	30.5	31.3	27.0	24.9	25.7
30	30.3	28.8	29.5	31.8	28.5	30.0	32.7	30.2	31.4	25.6	22.8	24.2
31	---	---	---	31.8	29.2	30.5	32.8	30.5	31.6	---	---	---
MONTH	---	---	---	32.6	25.4	29.7	32.8	25.0	30.2	---	---	---

BROAD RIVER BASIN

02176711 MAY RIVER NEAR PRITCHARDVILLE, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	3.9	2.5	3.1	6.6	4.8	5.6	9.5	8.0	8.8	10.2	8.4	9.5
2	4.8	2.6	3.4	6.6	5.0	5.8	9.6	8.2	9.0	9.8	7.8	9.1
3	4.8	2.8	3.5	6.5	5.3	6.0	9.6	8.4	9.1	10.0	8.0	9.2
4	4.8	2.8	3.7	6.2	5.5	5.9	9.6	8.4	9.1	10.8	8.6	9.9
5	4.8	3.0	4.0	6.3	5.5	5.9	9.8	8.8	9.3	11.0	9.2	10.5
6	4.8	3.1	4.1	7.0	5.8	6.5	10.1	9.0	9.6	11.3	9.6	10.6
7	5.1	3.4	4.4	7.5	6.2	7.0	10.2	9.2	9.9	11.4	10.0	10.9
8	5.1	3.7	4.5	7.8	6.7	7.4	10.5	9.5	10.0	11.6	10.3	11.0
9	5.2	4.2	4.7	8.1	7.0	7.5	10.5	9.6	10.1	11.5	10.2	11.0
10	5.5	4.2	4.9	7.9	6.7	7.3	10.4	9.7	10.1	11.0	9.8	10.5
11	5.4	4.6	5.0	8.0	6.3	7.0	10.2	9.1	9.7	10.9	9.5	10.3
12	5.2	4.0	4.5	7.3	5.5	6.4	10.2	8.5	9.3	10.6	9.6	10.2
13	4.8	3.5	4.0	7.2	5.7	6.3	10.2	8.6	9.4	10.5	9.6	10.2
14	4.7	3.3	3.9	7.2	5.9	6.3	---	---	---	10.6	9.7	10.2
15	5.1	3.9	4.5	7.1	5.9	6.3	---	---	---	10.8	9.7	10.3
16	5.2	4.3	4.7	6.9	5.7	6.2	---	---	---	10.7	9.6	10.3
17	5.8	4.3	4.9	7.1	6.0	6.5	---	---	---	10.7	9.4	10.2
18	6.0	4.6	5.3	7.6	7.1	7.3	9.8	8.0	9.0	11.0	9.5	10.5
19	6.0	5.0	5.4	7.7	7.3	7.5	9.6	7.9	8.9	11.3	10.1	10.8
20	6.0	5.0	5.5	7.7	7.3	7.5	9.3	7.7	8.6	11.5	10.3	11.1
21	5.9	4.9	5.5	7.6	7.0	7.3	9.4	7.4	8.6	11.2	9.8	10.8
22	5.7	4.8	5.2	7.9	6.8	7.3	9.5	7.7	8.7	10.9	9.2	10.1
23	5.8	4.8	5.4	8.2	7.4	7.8	9.5	7.5	8.7	10.7	9.0	10.2
24	6.1	5.1	5.6	8.3	7.6	8.0	9.3	7.2	8.3	11.8	10.0	11.0
25	6.2	5.3	5.8	8.4	7.6	8.1	8.3	6.6	7.6	12.2	10.9	11.6
26	6.4	5.2	5.9	8.5	7.5	8.0	9.1	7.2	8.2	12.0	10.8	11.6
27	6.5	5.3	5.9	8.6	7.3	8.0	9.9	6.8	8.3	11.9	10.6	11.5
28	6.8	5.3	6.0	8.9	7.5	8.2	10.9	7.5	9.4	11.8	10.5	11.5
29	6.6	5.1	5.8	9.2	7.9	8.4	10.9	8.4	9.8	11.6	10.5	11.2
30	6.6	4.8	5.6	9.1	8.0	8.6	10.9	8.6	10.0	11.3	9.9	10.8
31	6.3	4.7	5.5	---	---	---	10.6	8.6	9.9	10.8	9.2	10.3
MONTH	6.8	2.5	4.8	9.2	4.8	7.1	---	---	---	12.2	7.8	10.5

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	11.0	9.1	10.4	9.2	7.9	8.6	9.3	7.6	8.4	6.8	5.4	6.3
2	11.2	9.2	10.6	9.1	7.8	8.5	9.8	7.8	8.8	7.4	5.2	6.4
3	11.1	9.4	10.6	9.3	7.2	8.3	10.1	7.8	9.1	7.4	5.3	6.4
4	10.9	9.0	10.3	9.0	7.7	8.4	9.7	7.7	8.9	7.1	4.9	6.1
5	10.9	8.6	10.2	8.8	7.5	8.1	9.8	7.4	8.7	6.4	4.9	5.8
6	10.7	9.4	10.2	8.5	6.9	7.7	8.9	6.9	8.1	5.7	4.0	5.0
7	10.4	9.2	9.8	8.4	6.7	7.4	8.2	6.5	7.4	5.9	3.5	5.0
8	11.0	9.0	10.1	---	---	---	7.6	5.8	6.6	7.1	4.0	5.7
9	11.2	9.8	10.6	---	---	---	7.0	6.4	6.7	7.4	4.8	6.2
10	10.8	9.8	10.4	---	---	---	7.2	6.7	7.0	6.8	4.4	5.7
11	10.8	9.5	10.3	8.1	6.6	7.1	7.3	6.9	7.1	6.2	4.3	5.3
12	10.7	9.4	10.3	7.9	6.2	6.8	7.3	6.7	7.1	5.7	4.2	4.8
13	10.7	9.1	10.1	7.8	5.9	6.6	7.2	6.2	6.8	5.5	3.5	4.7
14	10.5	9.1	10.0	7.4	5.8	6.6	7.2	6.0	6.6	4.9	3.8	4.5
15	10.2	8.4	9.7	7.6	6.1	6.9	7.0	5.7	6.4	5.0	3.7	4.4
16	9.6	7.7	8.8	7.5	6.5	7.0	7.1	5.3	6.2	5.7	3.8	4.8
17	9.2	7.3	8.5	7.3	6.1	6.8	6.9	5.2	6.0	6.5	3.6	5.1
18	9.5	7.7	8.7	7.2	6.2	6.8	6.6	5.1	6.0	5.9	4.2	5.1
19	10.0	8.1	9.3	7.8	6.1	7.1	6.3	4.9	5.8	6.0	4.6	5.4
20	9.9	8.4	9.4	7.7	6.4	7.2	---	---	---	7.2	5.2	6.2
21	9.9	8.2	9.2	7.8	5.8	7.0	---	---	---	8.0	5.2	6.6
22	9.6	7.8	8.7	7.8	5.8	7.1	---	---	---	7.4	5.5	6.5
23	9.5	7.7	8.6	7.8	6.0	7.0	6.9	5.1	6.1	6.7	5.3	5.9
24	9.9	7.8	8.9	7.9	6.1	7.1	7.0	5.3	6.2	5.8	5.2	5.4
25	9.9	7.6	8.8	8.3	6.3	7.4	6.6	5.1	6.0	5.9	5.1	5.4
26	9.6	7.5	8.6	8.3	6.5	7.5	6.8	5.2	6.0	5.8	5.0	5.3
27	9.1	7.5	8.3	8.0	6.5	7.4	7.4	5.6	6.5	5.5	4.7	5.0
28	9.3	7.5	8.5	7.9	6.6	7.2	7.7	5.7	6.6	5.9	4.5	4.9
29	---	---	---	7.5	6.3	6.9	7.7	5.8	6.7	6.3	4.2	4.9
30	---	---	---	7.0	5.8	6.4	7.6	5.7	6.7	6.3	4.4	5.1
31	---	---	---	8.6	6.1	7.5	---	---	---	6.2	4.2	5.1
MONTH	11.2	7.3	9.6	---	---	---	---	---	---	8.0	3.5	5.5

BROAD RIVER BASIN

573

02176711 MAY RIVER NEAR PRITCHARDVILLE, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	---	---	---	5.6	3.9	4.5	6.5	3.5	5.0	6.0	3.3	4.6
2	---	---	---	5.7	3.7	4.8	6.6	3.6	5.1	6.3	3.4	4.9
3	---	---	---	6.0	3.7	5.1	6.2	3.8	4.8	5.6	3.5	4.6
4	6.0	4.0	5.3	5.9	3.9	5.2	6.5	3.8	4.8	5.6	3.1	4.4
5	6.5	4.5	5.7	6.1	3.9	5.2	5.7	3.8	4.7	5.3	3.2	4.2
6	6.0	4.7	5.4	6.6	4.0	5.3	5.5	3.8	4.5	4.8	3.5	4.2
7	5.7	4.2	5.1	6.3	4.3	5.3	5.3	3.5	4.2	4.6	3.9	4.3
8	5.8	4.2	5.0	6.4	4.2	5.3	5.2	3.4	4.2	4.8	4.0	4.4
9	6.2	4.2	5.2	6.5	4.1	5.3	5.3	3.6	4.2	5.4	4.0	4.7
10	6.5	4.1	5.3	6.0	4.0	4.9	5.3	3.5	4.2	5.6	4.1	4.9
11	6.8	4.5	5.4	5.6	3.8	4.7	4.8	3.5	4.1	6.5	4.2	5.4
12	6.5	4.1	5.3	5.6	3.5	4.6	5.0	3.1	4.0	6.6	4.8	5.8
13	6.2	3.9	5.4	5.2	3.6	4.5	5.5	3.7	4.5	7.1	4.8	6.1
14	6.0	4.0	5.3	5.3	3.7	4.6	5.5	3.8	4.7	7.5	4.8	6.3
15	6.0	3.8	5.1	5.3	3.8	4.5	5.5	3.9	4.7	7.4	4.8	6.2
16	6.0	3.3	4.8	6.5	3.8	5.0	5.2	3.6	4.5	7.7	4.8	6.4
17	5.9	3.2	4.8	7.0	4.0	5.4	5.0	3.4	4.2	7.6	5.1	6.5
18	6.0	3.5	4.9	7.0	3.5	5.1	4.8	3.2	4.1	7.3	5.1	6.3
19	6.8	3.4	5.0	6.7	4.1	5.2	6.7	3.5	4.8	7.1	4.8	6.0
20	6.3	3.5	4.9	6.7	4.0	5.2	6.2	3.4	4.8	6.9	4.7	5.8
21	6.2	3.5	4.7	5.9	3.5	4.6	6.6	2.9	4.6	6.3	4.2	5.2
22	5.4	2.9	4.3	6.0	3.4	4.7	6.0	3.0	4.4	---	---	---
23	5.6	2.8	4.0	6.5	3.6	4.9	6.0	3.1	4.3	---	---	---
24	6.4	3.6	5.0	6.0	4.0	4.7	5.4	3.2	4.1	5.8	3.5	4.6
25	6.7	4.3	5.4	5.8	3.7	4.4	---	---	---	5.9	4.0	5.0
26	7.9	4.2	5.7	6.2	4.0	4.7	---	---	---	5.7	4.1	5.0
27	7.2	5.1	5.9	5.5	3.9	4.5	5.9	3.2	4.6	5.8	4.1	5.1
28	6.7	4.9	5.7	5.5	3.6	4.4	5.7	3.1	4.6	6.6	4.1	5.4
29	6.5	4.6	5.3	6.3	3.7	4.7	5.4	3.4	4.5	7.3	4.7	6.0
30	5.8	4.3	5.2	6.9	3.6	5.3	5.6	3.2	4.4	7.8	5.3	6.6
31	---	---	---	6.7	4.0	5.5	5.8	3.2	4.6	---	---	---
MONTH	---	---	---	7.0	3.4	4.9	---	---	---	---	---	---

BROAD RIVER BASIN

02176720 MAY RIVER NEAR BLUFFTON, SC

WATER-QUALITY RECORDS

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.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--June 2002 to current year.

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, 39,600 ft³/s, Oct. 6, 2002, maximum gage height, 19.73 ft, Dec. 4, 2002; minimum discharge, -34,000 ft³/s, Apr. 17, 2003, minimum gage height, 6.29 ft, Jan. 19, 2003.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 39,600 ft³/s, Oct. 6, maximum gage height, 19.73 ft, Dec. 4; minimum discharge, -34,000 ft³/s, Apr. 17, minimum gage height, 6.29 ft, Jan. 19.

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	---	---	---	---	---	---	21100	-18700	15900	-11700	14400	-10900
2	---	---	---	---	---	---	20300	-15300	14800	-11700	18600	-16300
3	---	---	---	---	---	---	18100	-14200	10400	-14900	21300	-18300
4	---	---	---	---	---	---	18900	-18200	19800	-14500	23300	-18500
5	---	---	---	---	---	---	20600	-18700	11800	-12400	28800	-27700
6	---	---	---	---	22500	-20000	---	---	11300	-16800	31000	-32100
7	---	---	---	---	26100	-23000	---	---	12800	-20700	33500	-33900
8	---	---	---	---	28700	-25100	---	---	19900	-26400	36900	-31300
9	---	---	---	---	28500	-25300	---	---	21500	-29900	32700	-29700
10	---	---	---	---	26400	-26400	24800	-22500	24100	-23500	30400	-25000
11	---	---	---	---	28200	-27100	25700	-21600	21600	-26100	29900	-21700
12	---	---	---	---	26600	-25100	27000	-24100	19700	-18500	24300	-21700
13	---	---	---	---	27900	-26600	22100	-23200	18500	-19400	22200	-17300
14	---	---	---	---	30600	-26000	21400	-21300	18000	-13800	18400	-15500
15	---	---	---	---	34900	-27600	26200	-17400	15100	-13100	18300	-14200
16	---	---	---	---	28500	-24900	19900	-15700	13900	-11900	21500	-13300
17	---	---	---	---	26200	-25000	18600	-17200	14400	-10700	18400	-16100
18	---	---	---	---	28000	-23600	16500	-17400	15000	-16000	18700	-19200
19	---	---	---	---	28100	-23200	17100	-17800	17100	-14700	29800	-20300
20	---	---	---	---	30300	-24000	---	---	15600	-13700	28200	-24300
21	---	---	---	---	32000	-27500	---	---	17900	-15700	29800	-25800
22	---	---	---	---	---	---	---	---	13900	-13300	29000	-23200
23	---	---	---	---	---	---	---	---	18800	-14800	24800	-21200
24	---	---	---	---	---	---	---	---	25200	-15000	20700	-17800
25	---	---	---	---	---	---	15800	-21700	29000	-21000	23000	-18000
26	---	---	---	---	---	---	17700	-19900	39000	-21500	17100	-18100
27	---	---	---	---	---	---	16200	-18100	18200	-15700	26500	-13300
28	---	---	---	---	---	---	14300	-16200	20800	-11000	15100	-15700
29	---	---	---	---	25100	-16800	13300	-18000	18700	-11300	17300	-15600
30	---	---	---	---	21000	-14800	17600	-12700	19400	-14100	18700	-12800
31	---	---	---	---	---	---	12600	-13500	21900	-13900	---	---
MONTH	---	---	---	---	---	---	---	---	39000	-29900	36900	-33900

BROAD RIVER BASIN

02176720 MAY 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									
	OCTOBER				NOVEMBER				DECEMBER				JANUARY				FEBRUARY				MARCH			
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	20500	-17600	27200	-26500	30100	-22800	31800	-31100	26600	-23900	29600	-24900												
2	19000	-15800	31300	-28100	31000	-26900	30400	-28000	24700	-22100	29400	-23700												
3	25900	-20900	32100	-30200	31000	-27300	24400	-25900	24100	-21700	29700	-24400												
4	27200	-31400	34000	-31100	33600	-33400	27700	-26000	24100	-17500	30000	-22600												
5	35100	-30100	35600	-33200	34400	-30300	26400	-23600	21900	-13500	26900	-20300												
6	39600	-33400	34100	-29500	32300	-25500	25500	-17900	20400	-14800	23500	-21300												
7	36400	-32200	31100	-27000	28400	-22200	23800	-13800	20400	-11200	---	---												
8	32000	-31200	29300	-24500	26900	-18300	18600	-13600	16000	-9410	---	---												
9	35300	-29600	26600	-23100	25000	-17800	15700	-11000	14900	-10200	18600	-11000												
10	23300	-23500	23000	-18800	23400	-19100	16900	-11000	19300	-9310	18200	-9950												
11	25100	-15000	22700	-17500	22900	-15900	---	---	20300	-12100	17700	-12200												
12	21000	-14900	19800	-14200	22600	-13100	---	---	18700	-14000	17300	-12900												
13	17900	-13700	19800	-17800	---	---	---	---	23900	-13700	16700	-14300												
14	16600	-12900	22700	-17400	---	---	---	---	20400	-15200	24100	-18400												
15	15300	-17000	24500	-19700	---	---	18700	-14700	24800	-22700	25000	-19000												
16	20100	-16600	23600	-21800	20200	-16200	23200	-19300	29000	-27800	27600	-23800												
17	21100	-14400	24300	-22200	25600	-20700	24500	-18300	30500	-29500	32100	-28100												
18	18800	-15200	26700	-18600	27100	-23400	25900	-24000	31300	-27800	33000	-28300												
19	18700	-14400	26700	-21000	27500	-22900	21100	-21800	29900	-27500	33600	-31400												
20	19900	-14400	26800	-23100	27700	-24100	22100	-20000	31000	-27800	34800	-31000												
21	23800	-16200	26900	-24100	27500	-17900	23800	-20300	29800	-23900	30400	-28800												
22	23800	-21100	23600	-21700	24500	-17600	25500	-22500	25500	-22900	30900	-24000												
23	21400	-16000	22100	-17900	23900	-18200	21900	-13800	21600	-18700	29600	-19500												
24	19100	-15800	22000	-17000	29900	-24300	22200	-16000	26200	-17100	26100	-18700												
25	24000	-21000	21100	-15300	17000	-15200	22200	-14800	25200	-19300	25900	-19900												
26	22800	-19100	23000	-17300	27500	-21100	24100	-20100	24600	-19200	25000	-18800												
27	22900	-17600	23100	-18800	29800	-21100	20600	-17500	25900	-22400	24100	-20400												
28	21600	-18100	25800	-20700	25200	-18600	22600	-20000	27700	-22500	24700	-20700												
29	21500	-19400	26600	-23800	24300	-19200	23400	-21900	---	---	27000	-19700												
30	22400	-22700	22400	-17500	28000	-24500	25300	-25700	---	---	---	---												
31	24300	-23200	---	---	28200	-26600	26500	-23300	---	---	28500	-22400												
MONTH	39600	-33400	35600	-33200	---	---	---	---	31300	-29500	---	---												

Discharge, cubic feet per second

DAY	MAX		MIN		MAX		MIN		MAX		MIN		MAX		MIN									
	APRIL				MAY				JUNE				JULY				AUGUST				SEPTEMBER			
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	25700	-23200	24300	-23100	37200	-25700	24200	-26500	28300	-22900	22600	-19700												
2	25600	-22100	25400	-24700	34000	-26000	27300	-19600	27200	-18200	21400	-17700												
3	22800	-21800	25400	-21600	32300	-26200	27300	-22800	27000	-17500	19400	-19200												
4	23500	-22000	22500	-24000	36200	-24800	27500	-20400	24200	-17000	19100	-19600												
5	23500	-17100	22100	-20700	25900	-23300	25300	-18800	28400	-18600	19100	-19800												
6	20700	-20000	22000	-16600	32400	-24000	24500	-19100	25000	-23600	20400	-19600												
7	21300	-14800	23500	-14800	35200	-23900	24900	-19800	29700	-20900	24100	-20400												
8	27300	-18200	20500	-15800	33100	-25000	25600	-21300	26400	-25700	23900	-21200												
9	20600	-14500	21500	-16100	33300	-25300	29200	-25000	30200	-26400	26000	-22300												
10	21500	-16800	19000	-15400	36800	-29200	32800	-28800	31100	-26800	23900	-20200												
11	20300	-20100	26000	-18000	37800	-30100	34200	-30900	30100	-24500	21900	-18700												
12	22800	-18800	22800	-20700	34500	-32100	38200	-30400	28400	-25000	24500	-19200												
13	25600	-22000	26700	-27600	36000	-32700	34600	-27100	29100	-23200	22800	-15500												
14	29000	-24300	30900	-30500	37300	-31400	32600	-28600	27700	-20000	19100	-15800												
15	30800	-27400	28500	-31600	37300	-31300	34600	-27600	26700	-18100	17600	-12500												
16	35300	-30800	32300	-31700	34400	-28100	32400	-24300	24300	-16100	17000	-11000												
17	35000	-34000	30300	-30300	33300	-26100	31600	-20500	21100	-14300	16300	-11500												
18	33100	-31800	30600	-27900	30600	-22200	29300	-19300	16800	-12600	14000	-10700												
19	33500	-28400	26100	-26700	30100	-20200	25500	-17400	16900	-12600	11500	-9860												
20	30500	-26900	29000	-24700	22700	-17900	22300	-17300	15600	-13200	16100	-12800												
21	29600	-24700	32800	-24300	22000	-20700	22300	-15300	14200	-13800	15000	-15800												
22	29100	-22300	31500	-24300	23600	-21900	19500	-18800	15500	-12500	15900	-15700												
23	24200	-19200	29400	-23300	21700	-20300	21700	-14500	14000	-14700	20200	-17700												
24	21500	-18900	30400	-22400	23200	-21300	17100	-14500	18600	-16600	22500	-20500												
25	21200	-17100	31900	-22600	22100	-22000	21700	-13900	23600	-21700	27300	-23600												
26	25000	-19500	31400	-24400	25800	-21100	23600	-21200	23900	-24300	27500	-24000												
27	22700	-23000	30300	-23900	25700	-24100	24600	-20700	28400	-26200	28300	-23700												
28	24900	-22900	35600	-26200	25700	-24800	28300	-22200	27900	-26100	26000	-23100												
29	26800	-25600	33300	-26000	25300	-21900	26200	-23500	25600	-26000	31200	-20200												
30	24400	-26100	35800	-26600	25900	-24300	29900	-24900	30100	-22900	27600	-17900												
31	---	---	37200	-24600	---	---	29900	-23200	25000	-19800	---	---												
MONTH	35300	-34000	37200	-31700	37800	-32700	38200	-30900	31100	-26800	31200	-24000												

BROAD RIVER BASIN

02176720 MAY RIVER NEAR BLUFFTON, SC

WATER-QUALITY RECORDS

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.

PERIOD OF RECORD.--June 2002 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: June 2002 to current year.

WATER TEMPERATURE: June 2002 to current year.

DISSOLVED OXYGEN: June 2002 to current year.

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

REMARKS.--Specific conductance records rated excellent except for Dec. 17-26, Feb. 27 to Mar. 2, Apr. 9-13, 26, 27, May 6-10, 19, 20, June 1-12, and Sep. 12-16, which are good. Temperature records rated excellent except for Oct. 18 to Nov. 5, which are good, and Dec. 8-26, which are poor. Dissolved oxygen records rated fair except for Oct. 1, 11-15, Dec. 21-26, Feb. 28 to Mar. 2, June 6-9, June 29 to July 1, Aug. 1-5, 22-26, and Sep. 7-9, 15, 16, which are 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, 11.6 mg/L, Jan. 25, 28, 29, 2003; minimum, 2.9 mg/L, Aug. 24, 2002.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 46,600 microsiemens, Sep. 30; minimum, 24,700 microsiemens, Apr. 14.

WATER TEMPERATURE: Maximum, 32.8°C, Aug. 31; minimum, 5.9°C, Jan. 25.

DISSOLVED OXYGEN: Maximum, 11.6 mg/L, Jan. 25, 28, 29; minimum, 3.4 mg/L, July 16.

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	27.8	26.8	27.4	22.4	21.2	22.0	12.9	11.8	12.5	12.9	11.4	11.9
2	27.9	26.8	27.5	21.8	20.7	21.3	12.4	11.5	12.0	12.4	11.9	12.1
3	28.0	27.1	27.7	20.9	20.2	20.6	12.3	11.4	11.9	12.3	11.0	11.9
4	28.5	27.5	27.9	20.4	19.6	20.1	12.0	11.0	11.6	11.2	10.6	10.9
5	28.9	27.6	28.2	19.9	19.3	19.6	11.2	10.4	10.8	11.2	10.0	10.6
6	29.5	27.9	28.6	20.2	19.0	19.9	11.4	10.2	10.8	11.6	10.1	10.7
7	29.9	28.2	28.8	19.4	18.4	18.9	11.5	10.1	10.7	11.1	9.5	10.3
8	28.8	28.0	28.5	19.5	17.8	18.6	11.3	10.0	10.6	10.8	9.1	9.8
9	28.0	26.9	27.2	19.6	17.9	18.8	11.1	9.8	10.3	11.6	9.2	10.1
10	26.9	26.1	26.4	20.1	18.8	19.4	10.6	9.9	10.3	12.1	10.6	11.0
11	27.0	25.9	26.3	21.0	19.6	20.2	10.4	10.1	10.3	11.1	10.0	10.7
12	27.6	25.6	26.5	20.9	20.4	20.7	10.9	10.0	10.4	10.7	9.7	10.0
13	27.1	26.0	26.7	20.8	19.7	20.2	---	---	---	9.8	9.0	9.4
14	26.8	25.0	26.1	19.9	17.9	19.2	---	---	---	9.6	8.4	9.2
15	25.4	23.9	24.7	19.2	18.1	18.9	---	---	---	9.3	8.4	9.1
16	24.3	22.8	23.6	19.1	18.8	19.0	10.3	9.2	10.0	9.5	8.5	9.1
17	23.1	22.2	22.8	18.9	14.8	18.0	10.5	9.8	10.2	9.6	8.4	9.2
18	22.4	21.4	22.1	16.6	15.1	16.1	10.9	10.2	10.5	8.6	7.4	8.3
19	21.8	21.4	21.6	16.1	14.9	15.7	11.9	10.6	11.2	7.9	7.0	7.5
20	22.5	21.4	21.8	16.2	15.1	15.8	13.2	11.6	12.2	8.8	6.8	7.5
21	23.6	21.8	22.4	16.2	15.6	16.0	12.4	11.3	11.9	10.5	7.7	8.5
22	22.8	22.2	22.5	16.6	15.6	16.0	12.6	11.4	11.8	9.5	8.8	9.1
23	22.6	21.8	22.1	15.6	14.3	15.0	13.2	11.6	12.1	8.9	8.1	8.7
24	22.0	21.6	21.8	15.5	13.7	14.7	12.7	12.0	12.3	8.1	6.5	7.2
25	21.7	21.3	21.4	15.8	13.7	14.8	12.8	12.2	12.6	7.5	5.9	6.7
26	21.9	21.0	21.3	16.1	14.2	15.1	12.2	10.4	11.5	8.0	6.4	7.0
27	22.9	21.2	21.7	16.1	14.4	15.3	11.6	10.3	11.2	7.5	6.3	7.0
28	23.6	21.9	22.4	15.5	13.7	14.6	11.2	9.8	10.6	7.6	6.2	7.0
29	24.0	22.6	23.1	14.5	12.8	13.7	10.9	9.6	10.4	8.7	6.9	7.5
30	24.1	23.1	23.5	13.5	12.3	12.9	10.9	10.0	10.6	9.5	7.8	8.5
31	23.7	22.2	22.8	---	---	---	11.8	10.6	11.0	9.6	8.6	9.0
MONTH	29.9	21.0	24.7	22.4	12.3	17.7	---	---	---	12.9	5.9	9.2

BROAD RIVER BASIN

02176720 MAY RIVER NEAR BLUFFTON, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	10.5	8.7	9.4	13.2	12.7	12.9	19.1	17.3	18.0	25.2	24.2	24.7
2	11.0	9.0	9.9	14.2	12.8	13.4	20.1	17.3	18.0	26.2	23.8	24.8
3	11.7	9.6	10.5	14.6	13.2	13.8	21.1	17.6	18.5	26.0	24.3	25.0
4	12.6	10.5	11.3	14.2	13.4	13.8	20.7	18.2	19.0	27.0	24.4	25.2
5	12.7	10.7	11.4	15.7	13.6	14.2	21.7	18.8	19.7	26.6	24.8	25.4
6	11.4	10.8	11.1	16.3	14.3	15.1	21.8	19.8	20.4	27.8	25.2	25.9
7	11.0	10.5	10.8	---	---	---	21.7	20.2	20.8	28.1	25.8	26.5
8	11.6	10.0	10.5	16.9	14.5	15.3	20.9	19.5	20.4	28.7	26.2	27.0
9	11.0	9.9	10.3	16.3	15.2	15.5	19.6	19.1	19.4	29.0	26.5	27.5
10	11.5	10.2	10.7	18.9	15.0	15.9	19.1	17.1	18.2	29.3	26.9	27.9
11	12.0	10.0	10.9	18.9	15.7	16.4	17.6	15.9	16.9	28.6	27.1	27.9
12	11.8	10.1	11.0	20.1	16.3	17.3	18.4	15.9	17.0	28.5	26.7	27.5
13	11.5	10.0	11.0	18.9	17.4	17.9	19.2	17.2	18.0	27.2	25.4	26.4
14	11.6	10.5	11.1	18.5	17.3	17.9	20.0	18.1	19.1	26.4	25.0	25.6
15	13.1	11.0	11.9	17.6	16.3	16.8	21.5	19.0	20.2	25.7	24.7	25.2
16	13.3	11.9	12.5	17.1	15.8	16.4	22.5	19.8	20.9	27.0	24.7	25.5
17	12.6	11.1	11.8	17.1	16.0	16.5	23.0	20.4	21.6	27.8	25.2	26.1
18	12.0	10.9	11.3	17.3	16.0	16.6	23.5	21.2	22.2	26.9	25.6	26.2
19	12.7	10.7	11.4	18.0	16.2	16.9	23.5	21.8	22.5	26.0	25.1	25.7
20	13.5	11.4	12.1	19.2	16.9	17.6	22.9	21.8	22.2	26.2	24.1	25.0
21	13.6	12.1	12.7	20.4	17.5	18.6	23.3	21.6	22.2	27.0	24.4	25.5
22	14.4	12.6	13.4	21.7	18.4	19.4	24.2	21.9	22.6	25.9	25.1	25.6
23	14.9	13.1	13.8	20.6	19.1	19.7	23.7	21.3	22.3	25.8	25.0	25.4
24	15.5	12.7	13.9	21.1	19.0	19.7	23.2	21.3	22.3	26.6	24.6	25.5
25	15.6	13.6	14.4	21.3	18.9	20.0	22.6	21.9	22.1	26.7	25.4	26.0
26	15.0	14.3	14.5	21.6	19.6	20.4	22.6	21.4	21.9	27.2	26.1	26.5
27	14.5	13.2	13.8	21.0	20.3	20.6	23.2	21.7	22.4	27.3	26.5	26.8
28	13.4	12.7	13.1	21.3	20.0	20.6	23.8	22.3	23.1	27.0	26.2	26.6
29	---	---	---	22.2	20.5	21.4	25.0	22.8	23.8	27.3	26.0	26.5
30	---	---	---	---	---	---	26.0	23.5	24.5	27.0	25.5	26.2
31	---	---	---	19.5	17.6	18.8	---	---	---	27.6	25.6	26.3
MONTH	15.6	8.7	11.8	---	---	---	26.0	15.9	20.7	29.3	23.8	26.1

DAY	MAX	MIN	MEAN	Temperature, water, degrees Celsius								
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	27.9	25.7	26.5	29.3	28.4	29.0	30.5	29.3	29.8	31.8	30.7	31.2
2	28.2	26.0	26.8	29.0	27.9	28.3	31.8	29.1	29.9	32.4	30.2	31.1
3	27.2	26.2	26.6	30.0	27.5	28.3	31.1	29.4	30.1	31.6	30.4	31.0
4	26.6	25.8	26.1	30.2	28.1	28.7	31.4	29.3	30.1	31.2	30.1	30.8
5	28.7	25.5	26.6	30.6	28.1	29.0	31.0	28.8	30.0	30.9	29.8	30.4
6	28.1	26.7	27.2	30.9	28.7	29.5	30.3	29.3	29.9	30.1	27.4	29.1
7	28.1	26.9	27.3	30.8	29.1	30.0	29.9	28.9	29.5	27.9	26.2	27.1
8	28.2	26.8	27.3	31.4	29.4	30.3	29.7	28.7	29.2	26.5	25.5	26.1
9	29.0	26.7	27.7	31.9	30.0	30.9	30.4	28.5	29.1	26.0	25.4	25.7
10	29.2	27.6	28.4	31.7	30.4	31.1	29.8	28.6	29.1	25.8	25.4	25.7
11	29.8	28.2	29.0	32.0	30.4	30.9	29.8	28.0	28.8	26.6	25.1	25.5
12	30.5	28.7	29.5	31.8	29.8	30.7	30.2	27.7	28.5	27.4	25.1	25.7
13	30.8	28.8	29.6	30.5	29.1	29.9	29.9	28.0	28.9	28.0	25.5	26.2
14	30.6	28.8	29.6	29.5	28.5	29.1	30.7	28.9	29.5	28.3	26.1	26.7
15	31.6	29.1	30.0	29.4	28.1	28.7	31.3	29.5	30.0	28.9	26.6	27.3
16	32.3	29.5	30.4	30.5	28.1	29.0	31.5	29.8	30.4	28.8	27.1	27.7
17	31.0	29.6	30.3	31.2	28.5	29.5	31.9	29.7	30.4	28.0	26.9	27.3
18	31.2	29.6	30.3	31.6	29.0	30.1	32.1	29.6	30.6	27.6	25.8	26.7
19	31.4	29.2	30.1	31.6	29.2	30.3	31.4	29.6	30.6	27.6	25.8	26.6
20	30.9	29.5	30.1	31.7	29.1	30.4	30.8	30.1	30.6	27.6	26.0	26.8
21	31.0	29.1	29.9	31.4	30.0	30.8	31.4	29.6	30.5	27.8	26.7	27.2
22	30.5	28.7	29.8	30.8	29.6	30.3	30.9	29.8	30.5	27.8	27.0	27.5
23	30.4	28.8	29.7	30.2	29.1	29.6	30.8	29.4	30.4	27.7	27.2	27.5
24	30.2	28.8	29.8	29.2	28.3	28.7	31.3	29.8	30.5	27.7	26.9	27.3
25	30.5	29.1	30.0	28.5	27.6	28.3	31.2	30.1	30.5	27.5	26.6	27.0
26	30.6	29.4	30.1	28.4	27.8	28.2	31.6	30.1	30.7	27.3	26.6	26.9
27	31.0	29.6	30.2	29.5	28.0	28.5	32.4	30.3	31.1	27.8	26.4	26.9
28	30.7	29.6	30.1	29.4	28.3	28.7	31.9	30.4	31.1	28.1	26.5	27.1
29	30.4	29.2	29.8	30.9	28.4	29.2	32.1	30.5	31.1	26.8	25.6	26.1
30	30.4	29.0	29.5	32.5	28.6	29.5	32.6	30.5	31.2	25.8	24.2	25.0
31	---	---	---	31.8	29.0	29.8	32.8	30.7	31.4	---	---	---
MONTH	32.3	25.5	28.9	32.5	27.5	29.5	32.8	27.7	30.1	32.4	24.2	27.4

BROAD RIVER BASIN

02176720 MAY RIVER NEAR BLUFFTON, SC--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	43000	38300	41100	44700	39700	42700	45000	37000	42100	42700	36300	40200
2	44400	38300	42000	44700	39300	42700	45300	38000	42600	42400	36800	40200
3	44500	37700	42000	45000	39400	42700	45600	38600	43000	42400	37400	40200
4	44700	38000	42100	45300	39900	43100	46200	39800	43700	42600	37600	40700
5	45000	38400	42400	45500	40400	43200	46000	40900	43800	42600	38600	41000
6	45400	38800	42600	45600	40500	43500	45800	41100	43800	42600	38600	41000
7	45400	39800	43100	46000	41200	44000	45700	40600	43800	42600	39100	41100
8	45800	40600	43500	46100	42000	44400	45200	41300	43300	42500	39400	41000
9	46200	41500	44200	46000	42300	44500	45200	41500	43300	42500	39600	41100
10	46400	41400	44300	45900	42000	44200	44300	41300	43000	42400	39900	41100
11	45600	39500	43100	45500	41500	43700	44000	40800	42500	42500	40400	41500
12	45100	38400	42500	44900	40500	42800	43700	40700	42200	43000	41000	41800
13	45000	38600	42300	44500	39200	42100	---	---	---	43200	40800	41900
14	45300	39300	42800	44800	38700	42400	---	---	---	43300	40500	42000
15	45600	39700	43500	45000	38300	42600	---	---	---	43300	40400	42100
16	45400	38800	42900	45000	36600	41800	43800	39200	41800	43400	40300	42200
17	45400	38600	42600	43800	34400	39400	44000	38600	42000	43400	40000	41600
18	45400	38000	42700	43400	31700	39200	44300	39200	42300	43600	39400	41800
19	45100	38400	42500	43700	33000	39800	44300	38800	42000	43800	40100	42300
20	45100	38900	42500	43800	33400	39900	44000	38200	41500	43800	39100	42000
21	45200	39300	42600	44000	34600	40200	44400	38500	41700	43800	38900	41900
22	45200	39400	42900	43900	35200	39800	44200	38400	41600	43800	40700	42400
23	45500	40400	43300	43900	35300	40100	44200	38900	41900	43800	41000	42600
24	45600	41000	43600	44100	35900	40400	44500	38500	42000	44100	40800	42800
25	45800	41300	43800	44200	36800	40700	43400	37500	40600	44200	41600	43100
26	45800	41500	43800	44200	37200	40900	43300	37300	40500	44300	41600	43100
27	45600	41700	43700	44100	37200	40900	42500	37300	40300	44300	41700	43200
28	45600	41800	43700	44400	37900	41500	42500	36800	40200	44500	41800	43400
29	44800	40700	42800	44600	37500	41600	42600	36300	40300	---	---	---
30	44500	40000	42500	44300	37000	41400	42800	36600	40500	---	---	---
31	44500	39900	42500	---	---	---	42800	36600	40600	44400	40400	42600
MONTH	46400	37700	42900	46100	31700	41900	---	---	---	---	---	---

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	44200	40200	42300	44500	39800	42600	40200	36300	38600	39400	35900	37800
2	43700	40500	42200	44100	38500	41900	40300	36400	38700	40400	35900	38500
3	44200	41400	42700	44100	38800	42000	40300	36800	38800	40400	35600	38700
4	44700	41900	43400	44000	38600	41900	40600	36600	39000	40600	37600	39200
5	44600	42200	43500	43700	37900	41500	40500	37700	39300	40500	38100	39400
6	44800	42700	43800	43300	37400	41000	40400	38000	39400	40500	38000	39100
7	44700	42400	43600	---	---	---	40400	38000	39300	40200	37400	38800
8	---	---	---	41600	36000	39300	39700	35800	38000	40200	37800	38800
9	---	---	---	41700	35800	39200	38500	32200	36000	40000	37300	38700
10	44700	43000	43700	41400	35900	39100	37400	28200	34100	40200	37900	39000
11	44600	42900	43700	41400	35600	38900	37000	28700	33100	40200	37400	39000
12	44600	42100	43600	41200	35200	38400	35800	26800	32000	39800	37000	38700
13	---	---	---	41100	34800	38300	36100	25300	32000	39900	37200	38800
14	---	---	---	41100	34200	38500	36000	24700	31900	40300	37400	39100
15	44800	42000	43700	41400	34700	38800	36600	25100	32100	40700	38000	39400
16	44800	41600	43400	41500	33600	38400	37200	26600	32800	41800	38000	40000
17	44300	40500	42800	41700	33200	38300	38000	28400	33600	42200	38900	40400
18	43900	40100	42400	41500	33300	38200	38300	30000	34400	41800	38900	40400
19	44100	40300	42600	42600	34700	39300	38500	31000	35000	41500	38300	39800
20	44100	40500	42700	42000	34400	39100	38500	32200	35500	41600	38700	40000
21	44100	40600	42800	41700	34200	38600	38500	33000	35900	41400	38700	40100
22	44200	39800	42300	41700	34400	38600	38300	33500	36000	41500	38800	40100
23	43800	39900	41900	41500	34800	38700	38300	34300	36500	40600	34000	37100
24	43800	40100	42300	41400	35300	38900	38600	34600	36800	38700	32600	36300
25	44000	40200	42400	41400	36100	39000	38700	34600	36700	38600	31900	35800
26	44200	40800	42800	41300	36200	38900	38500	34500	36700	39600	30900	35900
27	44300	40400	42700	41200	36300	39200	39100	34600	37200	39800	29700	35700
28	44300	39900	42500	41300	36700	39400	39200	35300	37600	40200	30000	36100
29	---	---	---	41000	36400	39100	39200	35200	37600	40400	29800	35900
30	---	---	---	---	---	---	39300	35400	37700	40800	30200	36300
31	---	---	---	40100	35900	38300	---	---	---	40500	31500	36400
MONTH	---	---	---	---	---	---	40600	24700	36100	42200	29700	38400

BROAD RIVER BASIN

02176720 MAY RIVER NEAR BLUFFTON, SC--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
 WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	41100	31100	36600	40600	37400	39100	40700	34100	37800	43000	38800	41100
2	41300	31900	37000	40400	37100	39000	40800	34200	38000	43300	38700	41300
3	41300	33600	37600	40500	36900	38800	40800	34300	38200	43300	39500	41500
4	41300	32300	36800	40500	36800	38800	40700	34000	37800	43100	39300	41400
5	41000	29000	35100	40600	36900	39000	40500	33100	37100	43300	39300	41600
6	41300	31300	36600	---	---	---	40200	32500	36800	42900	37600	41200
7	41700	30700	36500	---	---	---	39800	32200	36800	42600	37600	40800
8	41200	32500	37000	41800	37000	39700	40000	32100	36900	42600	36800	40500
9	41000	30500	36600	41900	38000	40300	40000	31600	36800	42400	35600	39900
10	40900	31800	36700	42000	37900	40400	39900	32400	36900	42300	35900	39900
11	40600	30100	36000	42200	38400	40600	39600	31600	36500	42800	37000	40500
12	41000	31400	37000	42400	38600	40700	39700	28600	34800	43100	37400	40300
13	39900	30900	36200	42500	39400	41100	39700	29000	35200	43400	36400	40800
14	39700	33000	37000	42500	39200	41100	39500	29900	35600	43700	37400	40900
15	39600	33900	37300	41800	38900	40500	39400	30700	35800	44100	39600	42000
16	39300	34700	37500	41400	39000	40400	39400	30800	35500	44000	39600	41500
17	39100	35200	37500	41400	39200	40400	39400	31600	36100	43600	39700	41600
18	39100	35400	37500	41400	39000	40200	39600	32700	36400	43900	40000	42000
19	38900	35600	37500	41400	39000	40300	40300	33600	37100	---	---	---
20	38800	35400	37400	41400	39800	40600	40400	34500	37700	44100	39400	42100
21	39000	36200	37900	41300	39800	40500	40700	35100	37900	44400	40600	42600
22	39000	36800	38000	42100	40000	41000	40800	35400	38000	44600	40900	42900
23	39000	35400	38000	42000	40200	41200	41000	34900	38100	44600	40500	42800
24	39100	37000	38100	---	---	---	41300	35300	38400	45000	40700	43100
25	39200	36900	38200	41000	38600	39800	41600	35600	38900	45400	41100	43500
26	39400	36200	38000	40800	37300	39500	41800	35500	39000	45600	41200	43700
27	39700	36000	38300	40500	36000	38900	42200	35600	39200	45600	41500	44100
28	40000	37400	38800	40300	34900	38100	42400	36000	39500	45800	42300	44300
29	40300	37500	38800	40000	34200	37700	42800	36800	40000	46100	42800	44700
30	40600	37800	39200	40200	33600	37500	42800	37400	40500	46600	43600	45300
31	---	---	---	40400	33700	37700	42900	38000	40700	---	---	---
MONTH	41700	29000	37400	---	---	---	42900	28600	37500	---	---	---

BROAD RIVER BASIN

02176720 MAY RIVER NEAR BLUFFTON, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	5.7	3.6	4.9	6.9	6.0	6.5	9.8	9.2	9.5	10.0	9.5	9.9
2	6.5	4.5	5.5	6.9	6.2	6.5	9.8	9.3	9.6	9.8	9.2	9.6
3	6.3	4.5	5.4	6.8	6.0	6.5	9.8	9.3	9.6	10.0	9.2	9.6
4	6.1	4.4	5.2	6.4	5.9	6.2	9.8	9.3	9.6	10.5	9.5	9.9
5	5.8	4.4	5.1	6.5	5.9	6.2	9.9	9.5	9.7	10.7	9.8	10.2
6	5.4	4.3	4.9	7.6	6.4	7.0	10.5	9.4	9.9	10.8	9.9	10.3
7	5.9	4.2	4.9	8.3	6.9	7.5	10.8	9.8	10.2	10.9	10.0	10.4
8	5.1	4.2	4.8	8.7	7.2	7.8	11.0	10.0	10.3	11.0	10.2	10.6
9	5.9	4.5	5.3	8.6	7.2	7.9	10.4	9.8	10.0	10.9	10.2	10.6
10	5.4	4.8	5.1	8.5	7.3	7.8	9.9	9.4	9.7	10.6	10.1	10.4
11	5.2	4.6	4.9	8.3	7.0	7.8	9.9	9.0	9.6	---	---	---
12	4.9	4.2	4.6	8.1	6.6	7.6	10.0	8.9	9.6	10.5	10.1	10.3
13	4.7	4.1	4.5	7.9	7.0	7.5	---	---	---	---	---	---
14	4.8	4.1	4.6	8.1	7.1	7.7	---	---	---	10.5	10.1	10.3
15	---	---	---	8.0	7.2	7.7	---	---	---	10.5	10.2	10.4
16	---	---	---	7.8	6.8	7.4	10.0	9.6	9.8	10.5	10.1	10.4
17	---	---	---	7.4	6.7	7.1	10.0	9.6	9.8	10.5	10.0	10.3
18	---	---	---	8.2	7.3	7.7	9.9	9.4	9.8	10.7	10.3	10.5
19	6.7	5.7	6.3	8.4	7.6	7.9	9.8	9.2	9.7	11.0	10.3	10.7
20	6.6	5.4	6.2	8.2	7.5	7.9	9.7	9.2	9.5	11.2	10.5	10.9
21	6.7	5.4	6.1	7.9	7.4	7.7	10.0	9.2	9.6	11.0	10.6	10.9
22	6.2	5.5	5.9	8.6	7.3	7.8	10.4	9.3	9.8	10.9	10.3	10.6
23	6.6	5.4	6.0	9.1	7.8	8.3	10.5	9.3	10.0	11.0	10.2	10.6
24	6.5	5.5	6.2	9.2	8.1	8.6	10.0	9.5	9.7	11.5	10.6	11.0
25	6.6	5.9	6.4	9.6	8.2	8.8	10.1	8.9	9.5	11.6	11.0	11.2
26	7.2	5.8	6.5	9.7	8.4	9.0	10.5	9.4	10.0	11.5	11.0	11.3
27	7.7	5.8	6.7	9.7	8.4	9.1	10.6	9.7	10.1	11.5	11.0	11.3
28	7.7	5.8	6.8	9.7	8.7	9.3	10.6	9.9	10.3	11.6	11.3	11.4
29	7.2	6.1	6.8	9.8	9.0	9.4	10.6	10.0	10.4	11.6	11.0	11.4
30	7.3	6.1	6.7	9.8	9.1	9.5	10.6	10.1	10.4	11.4	10.8	11.2
31	7.0	5.9	6.6	---	---	---	10.5	9.8	10.2	11.2	10.6	11.0
MONTH	---	---	---	9.8	5.9	7.8	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	11.2	10.6	10.9	9.4	8.9	9.3	8.8	7.4	8.1	6.9	5.8	6.6
2	11.3	10.5	10.9	9.5	8.8	9.2	9.5	7.7	8.5	7.3	5.8	6.4
3	11.4	10.6	11.0	9.8	8.6	9.3	9.9	7.8	8.9	7.6	6.0	6.6
4	10.9	10.4	10.5	9.4	8.9	9.3	9.7	8.2	9.0	7.8	5.7	6.6
5	11.0	9.9	10.4	9.8	8.6	9.2	9.6	8.1	8.8	7.8	5.8	6.8
6	10.7	10.0	10.4	9.6	8.6	9.1	9.1	7.6	8.6	7.6	5.8	6.7
7	10.5	9.7	10.2	---	---	---	8.7	7.4	8.2	7.6	5.2	6.6
8	11.1	9.7	10.3	9.9	8.2	9.0	8.3	7.3	7.7	7.6	5.4	6.6
9	11.1	10.1	10.5	9.3	7.9	8.9	7.9	7.1	7.6	7.3	5.2	6.7
10	10.7	9.9	10.4	10.1	8.0	9.0	7.9	6.9	7.6	7.6	5.4	6.8
11	10.8	9.9	10.5	10.1	8.3	9.3	8.0	7.1	7.7	7.4	5.3	6.6
12	10.6	10.0	10.4	9.9	8.2	9.3	8.2	7.4	7.8	7.3	5.3	6.4
13	10.6	10.0	10.4	9.6	8.3	9.0	8.1	7.1	7.7	7.2	5.7	6.4
14	10.4	9.8	10.3	9.1	8.0	8.6	8.0	6.9	7.5	6.7	5.4	6.2
15	10.3	9.4	10.1	8.7	7.8	8.4	8.0	6.7	7.4	6.4	5.1	5.9
16	9.9	9.2	9.7	8.7	7.7	8.2	7.8	6.6	7.2	6.6	5.0	5.8
17	9.5	9.0	9.3	8.4	7.6	8.0	7.5	6.5	7.0	6.9	4.8	5.9
18	9.6	8.9	9.2	8.2	7.4	7.9	7.2	6.4	6.9	6.6	5.0	5.9
19	10.1	9.0	9.5	8.6	7.3	8.2	6.9	5.9	6.6	6.5	5.5	6.0
20	10.2	9.2	9.7	8.5	7.9	8.3	6.9	5.9	6.5	6.9	5.1	6.0
21	9.9	9.1	9.6	8.8	7.4	8.1	6.9	5.9	6.4	7.7	5.1	6.4
22	9.7	8.9	9.3	9.2	7.4	8.2	7.3	5.6	6.6	6.8	5.6	6.4
23	9.7	8.8	9.3	8.9	7.5	8.1	7.7	6.2	7.0	6.7	5.9	6.3
24	10.0	8.9	9.5	9.2	7.4	8.2	7.5	6.5	7.2	6.3	5.2	5.9
25	9.8	9.0	9.5	9.3	7.5	8.5	7.4	6.4	6.9	6.4	5.2	5.9
26	9.6	8.9	9.4	9.0	7.8	8.5	6.8	6.1	6.6	6.5	5.1	5.9
27	9.3	8.7	9.1	8.6	7.6	8.3	7.3	6.2	6.7	6.2	5.0	5.7
28	9.4	9.0	9.2	8.4	7.4	8.0	7.5	6.6	7.0	6.3	5.3	5.8
29	---	---	---	8.2	7.0	7.8	7.8	6.6	7.2	6.9	5.0	6.1
30	---	---	---	---	---	---	7.7	6.2	7.1	7.4	5.8	6.6
31	---	---	---	8.0	6.8	7.5	---	---	---	7.8	5.9	6.9
MONTH	11.4	8.7	10.0	---	---	---	9.9	5.6	7.5	7.8	4.8	6.3

BROAD RIVER BASIN

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02176720 MAY RIVER NEAR BLUFFTON, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.7	6.0	6.8	5.3	4.7	5.0	5.8	4.7	5.3	5.3	3.5	4.5
2	7.3	5.9	6.6	5.9	4.4	5.2	6.0	4.3	5.2	5.4	3.6	4.5
3	6.8	6.1	6.4	6.4	4.5	5.5	6.1	4.6	5.2	4.8	3.7	4.3
4	6.4	5.1	5.8	6.3	4.4	5.5	5.9	4.5	5.2	5.3	3.5	4.6
5	7.0	4.6	5.9	6.1	4.5	5.6	5.8	4.3	5.1	5.1	3.8	4.5
6	6.6	5.4	6.2	6.2	4.3	5.5	5.5	4.3	5.0	4.7	3.8	4.3
7	6.4	5.4	6.0	6.2	4.3	5.5	5.2	4.0	4.8	4.8	3.8	4.4
8	6.2	5.3	5.8	6.5	4.3	5.6	5.1	4.0	4.7	4.8	4.2	4.5
9	---	---	---	6.3	4.4	5.7	5.4	4.2	4.8	5.2	4.3	4.7
10	---	---	---	6.3	4.5	5.5	5.5	4.2	4.8	5.1	4.3	4.8
11	---	---	---	6.2	4.4	5.2	5.7	4.1	4.7	6.2	4.2	5.2
12	---	---	---	5.7	3.9	4.9	5.6	4.0	4.5	6.8	4.6	5.5
13	6.3	4.9	5.6	5.2	3.8	4.6	5.2	3.7	4.5	7.1	4.8	5.9
14	6.3	5.0	5.6	4.9	3.8	4.3	5.8	4.0	4.9	7.3	5.2	6.1
15	6.4	4.8	5.6	4.6	3.6	4.2	6.2	4.4	5.2	7.5	5.5	6.4
16	6.4	4.6	5.6	5.3	3.4	4.4	6.4	4.5	5.2	7.8	5.7	6.9
17	6.0	4.5	5.5	6.1	3.7	4.9	6.7	4.6	5.4	8.0	6.0	7.1
18	6.0	4.1	5.3	6.1	3.9	5.2	6.6	4.5	5.6	7.9	6.1	7.2
19	6.4	4.2	5.4	6.3	4.2	5.5	6.9	4.5	6.1	8.0	6.2	7.2
20	6.4	4.5	5.6	6.3	4.3	5.5	6.6	5.2	6.1	7.8	6.1	7.1
21	6.8	4.5	5.8	6.3	4.4	5.5	6.5	4.8	5.9	7.2	5.6	6.7
22	6.5	4.9	5.8	5.9	4.3	5.4	6.2	4.7	5.7	6.7	5.3	6.2
23	6.3	4.9	5.8	5.9	4.4	5.4	6.2	4.5	5.6	5.9	4.6	5.4
24	6.4	4.5	5.7	5.9	4.8	5.3	6.2	4.9	5.5	5.9	4.8	5.3
25	6.5	4.8	5.8	5.6	4.2	5.1	5.8	4.3	5.1	6.2	4.9	5.4
26	6.6	5.1	5.9	6.0	4.3	5.3	5.2	3.9	4.6	6.1	4.6	5.3
27	6.8	5.1	6.0	6.2	4.6	5.4	5.7	3.9	4.6	6.2	4.6	5.3
28	6.5	5.0	5.9	5.6	4.3	5.0	5.5	3.9	4.6	6.8	4.4	5.5
29	6.1	4.7	5.6	6.3	4.3	5.1	5.6	4.0	4.5	7.4	5.0	6.0
30	6.2	4.7	5.5	6.8	4.6	5.5	5.7	3.6	4.5	7.8	5.4	6.5
31	---	---	---	6.6	4.9	5.7	5.8	3.5	4.5	---	---	---
MONTH	---	---	---	6.8	3.4	5.2	6.9	3.5	5.1	8.0	3.5	5.6

02176735 MAY RIVER BELOW BRIGHTON BEACH, 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	72100	-81800	87600	-86800	89100	-74100	116000	-108000	88300	-69200	90300	-79500
2	77400	-76300	101000	-100000	99800	-90500	97800	-87200	83000	-68500	95900	-69300
3	90400	-82100	106000	-108000	105000	-97500	77500	-81100	78100	-60800	87000	-77300
4	115000	-89900	105000	-109000	115000	-106000	88000	-91600	81800	-59100	85000	-67800
5	114000	-103000	110000	-103000	101000	-103000	89000	-80000	70000	-50500	85000	-62700
6	111000	-116000	103000	-103000	92300	-85300	78700	-61100	61600	-59000	80300	-63300
7	115000	-116000	101000	-93400	92700	-75500	71500	-65100	58100	-49200	83100	-68100
8	114000	-107000	94000	-77300	83900	-60600	64000	-47600	53800	-47000	70900	-66300
9	108000	-101000	93400	-69400	73500	-57600	56100	-53300	48200	-43600	70400	-47500
10	---	---	80100	-63200	75400	-60000	52400	-46200	51800	-43600	68000	-47000
11	---	---	74800	-59800	82100	-49600	49100	-62100	56700	-54400	68100	-42900
12	---	---	75100	-48200	77300	-56000	50600	-48800	54400	-47900	72900	-45700
13	---	---	75000	-58600	64800	-56700	55500	-60100	66900	-55400	67100	-50000
14	---	---	68900	-63600	78300	-52400	53900	-61200	69400	-49300	79300	-57500
15	---	---	80400	-73800	66700	-53100	62700	-56400	86800	-73700	93000	-73400
16	---	---	78200	-76600	71800	-53600	69900	-67300	87100	-79900	84100	-99800
17	77700	-67700	79300	-64100	80900	-63500	71600	-62300	104000	-83900	90500	-93100
18	85500	-82500	84200	-71800	78400	-69300	84300	-76300	88700	-87500	109000	-96700
19	77100	-75900	87900	-76600	83500	-71800	68200	-68300	101000	-85900	97700	-105000
20	79700	-74600	86800	-76300	90700	-76800	70400	-62800	95100	-74100	96800	-107000
21	80200	-74000	85600	-78500	79400	-63300	80400	-64000	86300	-79300	104000	-102000
22	73300	-66200	79500	-67100	79300	-63600	77100	-66300	91800	-75000	103000	-79100
23	75000	-70800	74900	-73000	84100	-58800	70500	-54300	76200	-57000	89000	-72700
24	77800	-67000	76600	-67400	83100	-76500	64900	-57600	75400	-58000	81300	-77700
25	71400	-71100	81400	-50800	71300	-45500	68500	-51500	76300	-59500	83800	-77700
26	77600	-66700	75900	-62200	87700	-71900	74500	-74800	72300	-64100	73000	-76000
27	77600	-57000	72200	-57900	84200	-69000	62600	-57300	77600	-78200	76600	-79400
28	73100	-57200	86500	-69900	75800	-66600	68200	-75400	78200	-75100	78400	-73700
29	73000	-54500	77400	-76200	73100	-62700	82700	-62600	---	---	78600	-76800
30	74900	-60600	72000	-53300	94000	-78500	79800	-70600	---	---	90600	-77600
31	85900	-71300	---	---	84800	-80000	76500	-67500	---	---	96800	-96500
MONTH	---	---	110000	-109000	115000	-106000	116000	-108000	104000	-87500	109000	-107000

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	87800	-83000	97400	-88800	96600	-80100	81900	-87700	95200	-74200	74700	-67700
2	75800	-75900	106000	-88300	99700	-90800	87300	-56600	93800	-74100	74800	-59300
3	77100	-86200	93600	-89300	107000	-81500	80900	-63600	91700	-62900	68500	-61600
4	78300	-80600	93400	-88300	116000	-76500	85900	-61300	86900	-58900	67400	-66800
5	80500	-67700	96800	-88100	99200	-75200	80200	-59100	87900	-57900	62500	-74500
6	65700	-79700	98500	-74100	98300	-73000	74800	-66100	76400	-70000	66400	-73000
7	64800	-58500	79000	-63400	99400	-84700	74700	-56100	99000	-74500	74100	-84800
8	65800	-70200	81900	-64800	96300	-73600	79800	-58500	91100	-86100	85500	-82300
9	58200	-49800	85900	-65400	93900	-82700	88200	-66900	98700	-83500	88900	-81000
10	57100	-65300	82900	-70400	98000	-97300	98000	-83500	90700	-92200	92700	-76100
11	69300	-76400	87400	-77800	105000	-86500	99000	-94700	103000	-85200	83300	-73400
12	84500	-57300	93400	-80700	104000	-104000	109000	-99500	96700	-82200	79300	-75000
13	89700	-73000	118000	-100000	108000	-118000	101000	-90100	98200	-80800	82300	-61800
14	100000	-84500	127000	-115000	99700	-111000	88700	-92800	91400	-78700	94700	-65700
15	104000	-88200	127000	-118000	101000	-109000	91700	-91000	86600	-75800	71100	-56700
16	121000	-108000	127000	-112000	96300	-85300	96100	-72300	85600	-56800	67800	-57600
17	113000	-100000	125000	-121000	97300	-84400	96700	-65000	77900	-53900	65200	-48000
18	107000	-112000	131000	-99500	95600	-73000	82400	-69200	77100	-50400	84100	-43800
19	124000	-94200	115000	-97800	92600	-59400	78300	-63900	72800	-54100	56100	-44900
20	94700	-92900	114000	-85800	75700	-61300	64200	-62900	76700	-52800	54800	-52300
21	107000	-90300	107000	-80500	69000	-74300	60400	-62500	66900	-53300	58000	-57200
22	111000	-76700	97900	-71800	69600	-61400	71100	-58100	71100	-55100	62700	-52000
23	90300	-81100	103000	-76700	78300	-67900	54300	-53800	60500	-56800	81100	-70400
24	87100	-81500	105000	-80600	82500	-55700	56500	-64000	86600	-57400	94000	-74300
25	83400	-88000	105000	-69100	84800	-60100	73100	-70500	86000	-76700	91600	-81000
26	88200	-76700	105000	-71600	85600	-61600	82500	-76100	87600	-72400	94900	-81200
27	88700	-86400	112000	-69200	80100	-64300	84100	-60800	100000	-83600	94900	-80100
28	91800	-88500	94000	-85700	78100	-67600	82400	-68000	98400	-82200	91100	-79200
29	99100	-87200	96900	-77700	80000	-67600	89800	-72900	98800	-88400	89400	-74700
30	107000	-89500	106000	-86900	84300	-72600	91400	-77000	89900	-79400	79800	-68000
31	---	---	111000	-69900	---	---	95200	-80300	90100	-70900	---	---
MONTH	124000	-112000	131000	-121000	116000	-118000	109000	-99500	103000	-92200	94900	-84800

BROAD RIVER BASIN

02176735 MAY RIVER BELOW BRIGHTON BEACH, SC

WATER-QUALITY RECORDS

LOCATION.--Lat 32°12'47"', long 80°50'0"', Beaufort County, Hydrologic Unit 03050208, the wooden shelter is attached to the dock railing on the left side of the channel, 0.5 mi east of Brighton Beach and 2.5 mi southwest of Bluffton.

PERIOD OF RECORD.--June 2002 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: June 2002 to current year.

WATER TEMPERATURE: June 2002 to current year.

DISSOLVED OXYGEN: June 2002 to current year.

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

REMARKS.--Specific conductance records rated good except for May 17-19, which are fair, and June 9-11, and June 24 to July 1, which are poor. Temperature records rated excellent. Dissolved oxygen records rated fair except for Oct. 1 to Jan. 30, which are excellent, Feb. 18 to Mar. 2, Apr. 27 to May 10, June 4-11, June 24 to July 1, July 9-29, Aug. 20 to Sep. 9, and Sep. 20-23, 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, 11.3 mg/L, Feb. 10, 2003; minimum, 3.6 mg/L, June 20, 21, 2002.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 49,600 microsiemens, Oct. 28; minimum, 35,500 microsiemens, Apr. 15.

WATER TEMPERATURE: Maximum, 31.4°C, Aug. 31; minimum, 6.6°C, Jan. 24.

DISSOLVED OXYGEN: Maximum, 11.3 mg/L, Feb. 10; minimum, 3.8 mg/L, Aug. 28.

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	49000	45700	47500	46600	44200	45900	44000	41700	43200
2	44900	43600	44200	49000	44900	47000	46700	43600	45400	43900	41600	43000
3	---	---	---	49000	44900	46800	46600	43600	45300	43900	41400	42900
4	---	---	---	49000	44800	47100	46700	43900	45500	44000	40600	43100
5	---	---	---	48900	44600	46900	46800	43900	45600	44000	41800	43000
6	---	---	---	47300	44400	46200	46800	43700	45400	43900	41500	42900
7	---	---	---	47400	45100	46500	46800	44300	45400	43900	41900	43100
8	---	---	---	47800	45000	46600	46900	43700	45100	43800	41800	43000
9	47400	44900	46400	47800	45500	46800	45900	44600	45300	43900	42000	43000
10	47600	45200	46500	47700	45600	46600	45900	44600	45300	43800	42300	43200
11	47100	44100	45900	47600	45400	46500	45700	44300	45000	43800	42200	43200
12	47000	43800	45600	47300	44000	46000	45600	44200	44800	43700	42700	43400
13	47000	43600	45600	46900	44500	46000	45500	43900	44700	43800	43100	43500
14	47200	44400	45800	46800	44500	46000	45200	43800	44400	43900	42500	43400
15	47200	44800	46100	46700	45000	46000	45300	43900	44600	44000	41900	43200
16	47500	44700	46200	46600	43400	45400	45300	43900	44700	44200	42700	43600
17	47600	44000	46200	46400	42500	44600	45400	43900	44700	44300	42000	43300
18	47600	44700	46300	46200	42500	44600	45300	44000	44800	44500	42100	43600
19	48600	45700	47300	46100	42800	44600	45200	43900	44700	44500	42500	43700
20	48600	45500	47300	46200	42800	44600	45100	43500	44300	44900	41800	43600
21	48600	45000	47200	46200	43400	44900	44900	43500	44300	---	---	---
22	48400	45700	47100	46300	42900	44900	45000	43300	44300	---	---	---
23	48400	45600	47300	46200	43500	45300	44900	43500	44300	---	---	---
24	48400	45900	47500	46200	43300	45200	44800	42700	44000	---	---	---
25	48700	46600	47700	46300	43600	45400	44100	42000	43200	---	---	---
26	49100	46900	48000	46300	44500	45500	44000	41900	43300	---	---	---
27	49400	46900	48200	46200	44200	45400	44100	42500	43500	45300	44500	44900
28	49600	46200	48300	46300	43800	45600	44200	42400	43400	45500	44600	45100
29	49200	45900	47600	46400	43600	45500	44200	41400	43400	45700	44800	45300
30	48900	45900	47400	46500	43400	45300	44200	41800	43500	45900	44900	45500
31	49000	45200	47200	---	---	---	44200	42400	43700	46000	44700	45300
MONTH	---	---	---	49000	42500	45800	46900	41400	44600	---	---	---

02176735 MAY RIVER BELOW BRIGHTON BEACH, SC--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

	DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY			
1	46200	44400	45300	45400	44700	45100	40700	40300	40500	41400	39800	40600	
2	46400	44200	45500	45500	44100	44800	40700	40300	40500	41400	40100	40700	
3	46500	44800	45900	45600	44400	45100	40700	40200	40400	41300	39900	40600	
4	46400	45400	46000	45600	44300	45000	40500	39600	40200	41200	39900	40600	
5	46400	45300	45900	45400	44000	44900	40300	39100	39900	41200	40000	40600	
6	46400	45300	45800	45200	43600	44500	40000	38500	39500	41100	39900	40400	
7	46200	45400	45800	45000	42800	43800	39600	38300	39000	40800	39400	40000	
8	46200	45400	45800	44200	42400	43400	38900	37800	38500	40800	39100	39700	
9	46100	45000	45800	44000	42400	43200	37900	37100	37400	40800	39900	40400	
10	46000	45300	45600	43800	42400	43200	37400	36600	36900	41400	40200	40900	
11	45800	44700	45500	43800	42000	42900	37100	36300	36700	41900	41000	41400	
12	45800	44300	45400	43700	41900	42700	37100	35800	36600	42300	41200	41700	
13	45700	44600	45400	43600	41700	42700	38800	36100	37700	43100	41500	42200	
14	45700	44400	45300	43400	41800	42800	39000	35800	37800	44000	41600	42600	
15	45700	44500	45300	43800	42000	43000	39300	35500	37900	44100	41700	42800	
16	45600	44400	45100	43800	41400	43000	40000	35800	38300	43900	40500	42000	
17	45300	43200	44400	43700	41500	42900	40600	35900	38700	43400	40800	42100	
18	44900	43800	44400	43400	41100	42600	40300	36900	39000	43500	40200	41700	
19	45000	44000	44600	43900	41800	43100	40300	37000	39200	43400	41400	42300	
20	45200	44100	44800	43700	41200	42800	40400	37900	39500	43700	41500	42500	
21	45400	44300	44900	43500	41100	42600	40500	38300	39500	43800	41700	42600	
22	45500	44100	44900	43200	41300	42500	40400	38300	39500	43900	41700	42800	
23	45300	44100	44700	42900	41500	42400	40300	38800	39600	43700	39200	41200	
24	45500	44300	44900	42600	41600	42200	40200	38900	39600	42400	39500	40900	
25	45500	44500	45100	42400	41500	42000	40100	38200	39400	42000	39300	40700	
26	45500	44700	45200	42200	41400	41800	39900	38000	39200	42400	39400	41100	
27	45500	44600	45100	41900	41300	41600	40500	37800	39600	42400	39500	41200	
28	45400	44600	45100	41600	41000	41400	40600	39700	40300	43100	40000	41800	
29	---	---	---	41400	40800	41100	40800	39000	40200	43500	40500	42200	
30	---	---	---	41000	40300	40700	41100	39000	40400	43800	40800	42400	
31	---	---	---	40600	40300	40400	---	---	---	43400	41000	42100	
MONTH	46500	43200	45300	45600	40300	42900	41100	35500	39000	44100	39100	41400	

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	43000	39800	41500	---	---	---	43300	40300	42100	45400	43600	44600
2	42800	40100	41600	42100	40200	41100	43300	41000	42300	45400	43800	44600
3	44400	40500	42400	42000	40400	41200	43300	41100	42300	45400	43600	44600
4	44100	41000	42300	41800	40400	41200	43300	40700	42300	45100	44000	44600
5	43800	37200	41600	41700	40500	41100	43100	40900	41800	45000	43500	44500
6	43400	40800	42100	41300	40300	40900	42100	40500	41300	44600	43100	43800
7	43300	40200	41900	41200	40400	40900	41600	40500	41200	44400	43100	43800
8	42900	40100	41600	42700	40600	41700	41600	40500	41200	44400	43200	43900
9	---	---	---	42600	41800	42400	41800	40400	41200	44500	42300	43400
10	---	---	---	42700	41900	42400	41800	40300	41200	44500	42200	43100
11	---	---	---	43100	41700	42500	41900	39900	41100	45000	42200	43600
12	42000	40300	41400	43300	41900	42700	41700	39100	40700	45400	42300	43900
13	41900	40300	41300	43400	42100	42800	41800	38900	40800	45400	42600	43700
14	41500	40200	41000	43600	41600	42900	41900	39200	40900	45600	42600	44100
15	41200	40100	40700	43200	41000	42100	42000	39300	40900	45600	43000	44300
16	40700	39600	40300	42500	41000	41700	42300	39400	40800	46600	43400	45000
17	40100	39000	39500	42300	41200	41700	42400	39200	40800	46700	44000	45500
18	39400	38200	39200	42300	41200	41800	42600	37400	40700	46900	44700	45700
19	39400	39000	39200	42200	40900	41800	43200	40200	41700	46800	44500	45500
20	39400	39000	39200	42300	40800	41700	43200	41000	42200	46900	44800	45700
21	39500	39100	39300	42000	41200	41600	43200	41100	42200	47200	45100	45900
22	39900	39100	39400	42500	41000	42100	---	---	---	47000	44900	46000
23	40300	39100	39500	42600	41800	42400	---	---	---	47400	44500	46000
24	41100	39100	39900	42300	41200	41900	44200	41400	42700	47500	45300	46500
25	41400	39400	40300	42100	41100	41600	44400	41600	42900	47500	45500	46600
26	41900	39700	40600	42300	40500	41400	45000	41400	43300	47500	45300	46600
27	42200	39900	40800	42500	40200	41200	45300	41800	43700	47600	45500	46600
28	---	---	---	42600	40000	41000	45300	41100	43700	47700	45900	46900
29	---	---	---	42900	39800	41300	45400	41800	44100	48100	46400	47200
30	---	---	---	43100	40200	41600	45400	42900	44200	48000	45700	46800
31	---	---	---	43100	40400	41900	45400	43300	44500	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	48100	42200	45100

BROAD RIVER BASIN

02176735 MAY RIVER BELOW BRIGHTON BEACH, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	27.6	27.2	27.3	22.6	21.8	22.1	13.2	12.3	12.8	12.3	11.4	11.8
2	27.7	27.1	27.4	21.9	20.7	21.4	12.9	11.9	12.4	12.2	11.9	12.0
3	27.9	27.1	27.5	21.1	20.3	20.7	12.5	11.8	12.2	12.1	11.4	11.9
4	28.1	27.3	27.6	20.7	19.8	20.3	12.6	11.3	11.9	11.4	10.7	11.1
5	28.3	27.3	27.7	20.2	19.7	19.9	11.6	10.8	11.1	11.2	10.4	10.9
6	28.6	27.6	28.0	20.3	19.8	20.1	11.3	10.7	11.0	11.4	10.5	10.9
7	28.8	27.9	28.3	19.8	18.8	19.4	11.2	10.6	10.9	11.0	10.3	10.7
8	28.4	27.9	28.2	19.5	18.6	19.1	11.5	10.6	11.0	10.7	10.0	10.3
9	27.9	26.5	27.1	19.8	18.9	19.3	11.4	11.0	11.2	11.0	10.1	10.5
10	26.7	26.0	26.3	20.4	19.4	19.8	11.2	10.8	10.9	11.4	10.8	11.1
11	26.5	25.9	26.2	21.0	20.0	20.5	11.0	10.8	10.9	11.2	10.6	11.0
12	27.1	26.0	26.4	21.1	20.7	20.9	11.2	10.8	11.0	11.0	10.2	10.6
13	26.9	26.5	26.7	20.9	20.1	20.5	11.7	11.1	11.3	10.3	9.8	9.9
14	26.7	25.4	26.2	20.3	19.3	19.6	11.6	10.9	11.2	9.8	9.2	9.6
15	25.4	24.3	24.8	19.4	18.9	19.2	11.0	10.5	10.7	9.6	9.1	9.4
16	24.3	23.1	23.6	19.3	19.1	19.2	10.8	10.2	10.5	9.5	8.8	9.3
17	23.2	22.5	22.8	19.2	17.3	18.6	10.9	10.4	10.6	9.5	9.0	9.4
18	22.5	21.7	22.1	17.4	16.3	16.8	11.0	10.6	10.8	9.0	8.1	8.7
19	21.9	21.4	21.7	16.7	15.9	16.3	12.3	11.0	11.4	8.1	7.5	7.9
20	22.3	21.5	21.8	16.6	15.9	16.2	12.8	11.9	12.3	8.2	7.2	7.7
21	22.7	21.9	22.3	16.4	15.9	16.2	12.5	12.0	12.3	9.3	7.9	8.5
22	22.6	22.2	22.4	16.4	15.8	16.1	12.4	11.6	12.1	9.4	9.0	9.2
23	22.2	21.8	22.0	15.8	14.8	15.3	12.7	12.0	12.4	9.1	8.2	8.8
24	21.9	21.6	21.8	15.4	14.6	15.1	13.0	12.5	12.7	8.2	6.6	7.6
25	21.7	21.2	21.4	15.7	14.6	15.2	13.2	12.6	13.0	7.4	6.8	7.2
26	21.9	21.1	21.4	15.9	15.0	15.5	12.6	11.4	12.0	7.6	7.1	7.3
27	22.4	21.3	21.7	16.0	15.3	15.7	11.7	11.2	11.5	7.6	7.0	7.3
28	23.0	22.0	22.4	15.8	14.6	15.1	11.5	10.6	11.0	7.8	6.9	7.3
29	23.6	22.6	23.0	14.8	13.5	14.1	11.0	10.4	10.7	8.0	7.2	7.6
30	23.7	23.2	23.4	13.7	12.9	13.3	11.0	10.4	10.8	8.7	7.8	8.2
31	23.5	22.5	22.9	---	---	---	11.5	10.8	11.0	8.9	8.4	8.7
MONTH	28.8	21.1	24.6	22.6	12.9	18.1	13.2	10.2	11.5	12.3	6.6	9.4

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	9.6	8.6	9.0	13.0	12.4	12.7	18.5	17.0	17.6	24.2	23.2	23.7
2	10.2	8.9	9.5	13.6	12.7	13.1	18.5	16.7	17.5	25.6	23.1	24.0
3	10.6	9.4	10.0	13.9	12.8	13.2	18.9	17.1	17.8	24.7	23.6	24.1
4	11.5	10.0	10.6	13.5	12.9	13.2	18.9	17.6	18.2	25.6	23.6	24.4
5	11.2	10.2	10.7	14.2	13.1	13.5	20.6	18.2	19.0	25.4	24.2	24.7
6	10.9	10.4	10.7	14.8	13.7	14.3	20.0	18.8	19.5	26.4	24.4	25.2
7	10.7	10.2	10.5	14.9	14.1	14.5	20.4	19.0	19.8	26.5	25.0	25.7
8	10.6	9.9	10.3	15.3	13.8	14.4	20.2	19.0	19.7	27.0	25.4	26.2
9	10.5	10.0	10.2	15.2	14.3	14.7	19.1	18.6	18.9	27.4	25.8	26.6
10	10.9	10.1	10.5	16.0	14.4	15.0	18.6	17.6	18.0	27.6	26.3	27.0
11	11.0	10.3	10.6	16.6	14.9	15.7	17.6	16.4	16.9	27.6	26.2	27.0
12	11.0	10.3	10.6	17.6	15.3	16.5	17.5	16.1	16.8	27.5	26.0	26.7
13	10.9	10.1	10.6	17.5	15.8	16.8	18.9	17.1	17.7	26.7	25.1	25.6
14	11.2	10.3	10.7	17.4	16.1	16.8	19.7	17.8	18.6	25.7	24.2	24.9
15	12.2	10.5	11.3	16.8	15.4	15.9	20.6	18.6	19.5	25.0	23.9	24.4
16	12.1	11.2	11.7	16.6	15.1	15.6	21.2	19.3	20.2	25.8	23.9	24.7
17	11.9	10.9	11.4	16.2	15.3	15.6	21.9	20.0	20.9	26.3	24.3	25.2
18	11.7	10.7	11.1	16.6	15.3	15.8	22.4	20.8	21.5	26.2	24.8	25.4
19	11.8	10.5	11.2	16.6	15.4	16.0	22.6	21.4	21.9	25.5	24.7	25.1
20	12.4	11.3	11.8	17.4	16.1	16.7	22.3	21.5	21.8	25.6	24.1	24.8
21	12.8	11.8	12.4	18.6	16.6	17.6	22.6	21.5	21.9	26.1	24.7	25.2
22	13.6	12.3	13.0	19.4	17.3	18.4	22.9	21.8	22.2	25.6	25.0	25.3
23	13.8	13.0	13.4	19.3	18.1	18.7	22.9	21.4	22.1	25.5	24.8	25.1
24	14.4	12.9	13.6	19.7	18.1	18.8	22.6	21.7	22.1	25.9	24.9	25.3
25	14.7	13.3	13.9	20.0	18.5	19.2	22.3	21.7	22.0	26.5	25.3	25.8
26	14.4	13.8	14.1	20.4	18.9	19.7	22.1	21.4	21.7	26.8	25.7	26.1
27	14.2	13.2	13.5	20.2	19.1	19.7	22.4	21.5	22.0	26.5	25.8	26.1
28	13.4	12.5	12.9	20.4	19.0	19.6	23.0	21.8	22.3	26.0	24.9	25.4
29	---	---	---	21.8	19.4	20.4	23.9	22.2	22.9	25.2	24.4	24.7
30	---	---	---	21.2	19.2	20.2	24.6	22.8	23.5	25.1	23.9	24.4
31	---	---	---	19.4	17.6	18.4	---	---	---	25.9	24.0	24.8
MONTH	14.7	8.6	11.4	21.8	12.4	16.5	24.6	16.1	20.1	27.6	23.1	25.3

BROAD RIVER BASIN

02176735 MAY RIVER BELOW BRIGHTON BEACH, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	6.4	5.4	5.9	7.0	6.4	6.7	9.8	9.4	9.6	10.2	9.7	10.0
2	6.4	5.4	5.9	7.0	6.1	6.6	9.7	9.4	9.5	9.9	9.4	9.7
3	6.2	5.3	5.8	6.8	6.2	6.6	9.7	9.3	9.5	9.8	9.4	9.6
4	6.3	4.9	5.5	6.6	6.0	6.3	9.8	9.3	9.5	10.4	9.6	9.9
5	5.9	4.9	5.3	6.7	5.9	6.3	9.6	9.4	9.6	10.4	9.8	10.1
6	5.6	4.3	5.1	7.6	6.4	7.0	10.0	9.4	9.7	10.4	10.0	10.2
7	5.6	4.3	5.0	7.8	7.1	7.4	10.3	9.6	9.9	10.7	10.2	10.4
8	5.4	4.5	5.0	8.0	7.2	7.6	10.4	9.8	10.1	10.6	10.3	10.5
9	6.0	5.0	5.4	8.0	7.3	7.7	10.3	9.9	10.2	10.7	10.4	10.5
10	6.1	4.9	5.6	8.1	7.4	7.7	10.3	10.0	10.2	10.6	10.3	10.4
11	6.1	5.3	5.7	8.1	7.5	7.8	10.2	9.8	10.1	10.7	10.2	10.4
12	6.3	5.3	5.8	8.2	7.4	7.7	10.3	9.9	10.1	10.6	10.2	10.4
13	6.2	5.5	5.8	7.7	7.3	7.6	10.2	9.9	10.0	10.5	10.1	10.3
14	6.0	5.3	5.7	8.0	7.4	7.7	10.2	9.9	10.0	10.5	10.1	10.3
15	6.4	5.7	6.0	7.9	7.3	7.6	10.4	10.0	10.2	10.5	10.2	10.3
16	6.6	5.9	6.2	7.6	6.9	7.3	10.4	10.0	10.2	10.4	10.1	10.3
17	6.8	6.0	6.3	7.4	6.9	7.2	10.4	10.0	10.2	10.4	10.1	10.2
18	6.8	6.0	6.4	8.1	7.4	7.8	10.3	9.9	10.1	10.6	10.0	10.3
19	6.9	6.1	6.5	8.2	7.6	7.9	10.3	9.8	10.0	10.7	10.2	10.4
20	7.0	6.1	6.5	8.3	7.6	7.9	10.0	9.8	9.9	10.8	10.3	10.6
21	6.8	6.0	6.4	8.1	7.6	7.9	10.2	9.7	10.0	10.7	10.5	10.6
22	6.5	5.9	6.2	8.5	7.6	8.1	10.3	9.9	10.1	10.6	10.3	10.4
23	6.7	5.9	6.3	9.0	8.2	8.6	10.4	9.9	10.1	10.6	10.1	10.3
24	7.0	6.1	6.5	9.2	8.5	8.9	10.3	9.6	9.9	11.0	10.4	10.7
25	7.1	6.4	6.8	9.4	8.8	9.1	9.8	9.2	9.6	11.1	10.7	10.9
26	7.4	6.4	6.9	9.8	9.0	9.2	10.3	9.6	9.9	11.1	10.8	11.0
27	7.5	6.6	7.0	9.7	9.2	9.4	10.4	9.9	10.2	11.1	10.8	11.0
28	7.8	6.7	7.2	9.8	9.3	9.5	10.6	10.1	10.4	11.2	10.9	11.0
29	7.6	6.6	7.2	9.8	9.4	9.6	10.6	10.3	10.4	11.1	10.9	11.0
30	7.5	6.6	7.1	9.9	9.4	9.6	10.6	10.2	10.4	11.0	10.7	10.9
31	7.2	6.6	6.9	---	---	---	10.4	9.9	10.2	10.9	10.5	10.7
MONTH	7.8	4.3	6.1	9.9	5.9	7.9	10.6	9.2	10.0	11.2	9.4	10.4

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	10.8	10.4	10.6	9.6	9.3	9.5	8.4	7.4	7.8	6.9	6.1	6.6
2	10.9	10.5	10.7	9.6	9.3	9.5	8.7	7.5	8.1	7.1	5.8	6.4
3	10.9	10.6	10.8	9.9	9.2	9.6	8.8	8.0	8.3	7.0	5.9	6.5
4	11.2	10.6	11.0	9.6	9.3	9.5	8.8	8.1	8.4	7.5	5.9	6.6
5	11.2	10.6	10.9	9.5	9.1	9.3	8.9	8.0	8.4	7.5	6.1	6.8
6	11.1	10.6	10.8	9.4	9.1	9.2	8.4	7.6	8.1	7.6	6.2	6.9
7	10.9	10.5	10.7	9.3	8.9	9.1	8.1	7.4	7.8	7.5	6.1	6.8
8	11.1	10.5	10.8	9.6	8.8	9.1	7.8	7.1	7.5	7.8	6.2	6.8
9	11.1	10.7	10.9	9.4	9.0	9.2	7.6	6.9	7.4	7.7	6.1	6.9
10	11.3	10.7	11.0	9.8	8.9	9.2	7.7	7.1	7.5	7.8	6.4	7.0
11	11.2	10.8	10.9	9.8	9.1	9.5	8.0	7.4	7.7	7.7	6.2	6.9
12	11.0	10.8	10.9	9.8	9.2	9.5	8.2	7.6	7.9	7.3	6.2	6.7
13	11.0	10.7	10.9	9.6	9.0	9.3	8.2	7.6	7.9	7.5	6.2	6.7
14	10.9	10.6	10.8	9.2	8.6	8.9	8.1	7.5	7.7	6.8	6.0	6.5
15	10.8	10.4	10.6	9.0	8.4	8.7	8.0	7.3	7.6	6.6	5.7	6.1
16	10.7	9.9	10.3	8.8	8.3	8.5	7.9	7.2	7.5	6.5	5.5	5.9
17	10.3	9.8	10.0	8.5	8.0	8.3	7.7	7.0	7.3	6.8	5.3	5.8
18	9.9	9.3	9.6	8.3	7.9	8.1	7.3	6.7	7.1	6.5	5.1	5.7
19	10.1	9.4	9.8	8.7	7.9	8.4	7.4	6.7	6.9	6.5	5.1	5.8
20	10.2	9.6	9.9	8.6	8.3	8.4	7.1	6.5	6.8	7.0	5.6	6.2
21	9.9	9.6	9.8	8.5	7.9	8.3	7.1	6.3	6.8	7.2	5.9	6.5
22	9.8	9.4	9.6	8.7	7.9	8.3	7.4	6.5	6.9	6.9	6.1	6.5
23	9.8	9.2	9.6	8.6	7.9	8.2	7.8	6.8	7.3	6.6	5.8	6.3
24	10.1	9.5	9.8	8.7	7.8	8.3	7.8	7.1	7.5	6.6	5.9	6.2
25	9.9	9.6	9.8	8.8	8.0	8.4	7.5	6.7	7.2	6.9	5.8	6.2
26	9.8	9.5	9.7	8.7	8.2	8.5	7.2	6.7	6.9	7.0	5.8	6.2
27	9.7	9.2	9.4	8.5	7.9	8.1	7.3	6.6	7.0	6.6	5.8	6.1
28	9.8	9.2	9.5	8.2	7.7	8.0	7.6	6.9	7.2	7.3	5.9	6.4
29	---	---	---	8.0	7.4	7.8	7.9	6.5	7.2	7.4	6.0	6.7
30	---	---	---	7.6	6.9	7.3	7.9	6.3	7.0	7.8	6.5	7.1
31	---	---	---	8.1	7.1	7.5	---	---	---	8.3	6.6	7.3
MONTH	11.3	9.2	10.3	9.9	6.9	8.7	8.9	6.3	7.5	8.3	5.1	6.5

BROAD RIVER BASIN

589

02176735 MAY RIVER BELOW BRIGHTON BEACH, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	8.1	6.4	7.2	5.7	4.5	5.2	5.8	4.7	5.2	5.8	3.9	4.9
2	8.1	6.3	7.2	6.3	5.0	5.6	5.7	4.3	5.0	5.9	4.0	4.9
3	7.2	6.4	6.9	6.6	5.3	5.9	5.7	4.4	5.0	5.9	4.3	4.9
4	6.9	5.9	6.4	6.8	5.3	6.1	5.9	4.4	5.1	6.0	4.2	4.9
5	7.1	5.8	6.4	7.1	5.6	6.3	5.8	4.7	5.2	5.5	4.0	4.8
6	6.8	5.7	6.3	7.1	5.7	6.4	6.0	4.8	5.3	5.4	4.0	4.7
7	6.6	5.6	6.1	7.1	6.0	6.5	5.7	4.2	5.1	5.6	4.2	4.9
8	6.7	5.6	6.2	6.8	5.7	6.3	5.9	4.8	5.1	5.6	4.1	4.8
9	---	---	---	7.1	5.6	6.4	5.8	4.8	5.2	5.7	4.3	5.0
10	---	---	---	7.5	5.7	6.4	6.2	4.7	5.2	5.6	4.6	5.1
11	---	---	---	7.1	5.6	6.2	5.6	4.6	5.0	6.2	4.9	5.6
12	6.9	5.2	5.9	6.7	5.3	5.7	5.3	4.5	4.7	6.5	5.1	5.8
13	6.6	4.9	5.7	5.6	4.7	5.0	5.8	4.0	4.7	6.6	5.2	5.9
14	6.5	4.9	5.5	4.9	4.3	4.6	6.0	4.4	5.0	6.7	5.2	6.0
15	6.4	4.8	5.3	5.1	4.2	4.5	6.0	4.6	5.1	7.1	5.4	6.2
16	6.4	4.7	5.5	5.7	4.2	4.9	5.8	4.5	5.1	7.2	5.6	6.4
17	6.5	5.0	5.7	6.1	4.7	5.4	6.2	4.6	5.3	7.2	5.7	6.5
18	6.4	5.2	5.7	6.3	4.7	5.6	6.4	4.9	5.5	7.1	5.8	6.5
19	6.6	5.2	5.9	6.3	5.0	5.7	6.6	5.0	5.6	7.1	6.0	6.4
20	6.6	5.4	6.0	6.2	4.6	5.3	6.1	5.1	5.5	6.7	5.8	6.3
21	6.6	5.5	6.0	6.2	4.8	5.4	6.2	4.8	5.3	6.7	5.4	6.1
22	7.1	5.5	6.2	6.2	4.9	5.6	5.7	4.6	5.1	6.4	5.0	5.7
23	6.5	5.6	6.1	6.3	5.0	5.6	6.0	4.7	5.2	6.1	4.9	5.4
24	6.8	5.3	6.1	6.4	4.7	5.5	6.1	4.3	5.1	5.9	4.8	5.3
25	7.2	5.7	6.3	5.8	4.9	5.3	5.4	4.0	4.6	5.8	4.9	5.4
26	8.0	5.8	6.5	5.8	5.0	5.4	5.9	4.0	4.8	5.6	4.5	5.2
27	7.9	5.7	6.7	6.7	5.1	5.5	6.0	4.2	5.0	5.5	4.6	5.1
28	7.9	5.9	6.7	6.2	4.8	5.2	5.6	3.8	4.6	6.1	4.7	5.4
29	7.4	5.5	6.3	6.1	4.5	5.1	5.5	4.2	4.8	6.7	5.2	6.0
30	6.8	5.3	5.9	6.6	4.4	5.4	5.7	3.9	4.9	7.3	5.7	6.5
31	---	---	---	6.3	4.8	5.4	5.8	4.0	5.0	---	---	---
MONTH	---	---	---	7.5	4.2	5.6	6.6	3.8	5.1	7.3	3.9	5.6

BROAD RIVER BASIN

02176735 MAY RIVER BELOW BRIGHTON BEACH, SC--Continued

PRECIPITATION RECORDS

PERIOD OF RECORD.--June 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 2001 TO SEPTEMBER 2002
 DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	0.00	0.00	0.26
2	---	---	---	---	---	---	---	---	---	0.00	0.00	0.30
3	---	---	---	---	---	---	---	---	---	0.00	0.00	0.00
4	---	---	---	---	---	---	---	---	---	0.00	0.17	0.00
5	---	---	---	---	---	---	---	---	---	0.00	0.00	0.00
6	---	---	---	---	---	---	---	---	0.00	0.10	0.00	0.00
7	---	---	---	---	---	---	---	---	0.09	0.00	0.00	0.00
8	---	---	---	---	---	---	---	---	0.07	0.00	0.00	0.00
9	---	---	---	---	---	---	---	---	0.00	0.01	0.00	0.00
10	---	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00
11	---	---	---	---	---	---	---	---	0.00	0.46	0.00	0.00
12	---	---	---	---	---	---	---	---	0.00	0.08	0.00	0.00
13	---	---	---	---	---	---	---	---	0.00	0.00	0.19	1.00
14	---	---	---	---	---	---	---	---	0.00	---	0.00	0.89
15	---	---	---	---	---	---	---	---	0.00	---	0.00	0.18
16	---	---	---	---	---	---	---	---	0.00	---	0.00	0.00
17	---	---	---	---	---	---	---	---	0.00	---	0.41	0.00
18	---	---	---	---	---	---	---	---	1.28	---	0.00	0.08
19	---	---	---	---	---	---	---	---	0.00	---	0.00	0.84
20	---	---	---	---	---	---	---	---	0.49	---	0.00	0.09
21	---	---	---	---	---	---	---	---	3.12	---	0.00	0.00
22	---	---	---	---	---	---	---	---	4.81	---	0.00	0.00
23	---	---	---	---	---	---	---	---	0.19	---	0.00	0.00
24	---	---	---	---	---	---	---	---	1.30	---	0.06	0.20
25	---	---	---	---	---	---	---	---	0.34	0.00	1.82	0.88
26	---	---	---	---	---	---	---	---	0.10	0.03	2.35	0.60
27	---	---	---	---	---	---	---	---	0.00	0.00	0.61	0.40
28	---	---	---	---	---	---	---	---	0.00	0.00	0.20	0.00
29	---	---	---	---	---	---	---	---	0.00	0.00	0.76	1.07
30	---	---	---	---	---	---	---	---	0.00	0.00	2.51	0.00
31	---	---	---	---	---	---	---	---	---	0.00	1.26	---
TOTAL	---	---	---	---	---	---	---	---	---	---	10.34	6.79
MAX	---	---	---	---	---	---	---	---	---	---	2.51	1.07
MIN	---	---	---	---	---	---	---	---	---	---	0.00	0.00

BROAD RIVER BASIN

591

02176735 MAY RIVER BELOW BRIGHTON BEACH, SC--Continued

Precipitation, total, inches
 WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
 DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.05	0.00	0.00	0.11	0.00	0.57	0.00	0.00	0.00	---	0.00	0.12
2	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.04	0.00	---	0.00	0.03
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.55	---	0.00	0.03
4	0.00	0.11	0.00	0.00	0.06	0.51	0.00	0.00	0.28	---	1.00	0.00
5	0.00	0.08	0.38	0.00	0.00	0.00	0.06	0.00	0.00	---	0.00	0.65
6	0.00	0.59	0.01	0.00	0.18	1.15	0.00	0.42	0.07	---	0.90	1.24
7	0.06	0.00	0.00	0.00	0.15	1.23	0.82	0.00	0.73	---	0.00	0.06
8	0.23	0.00	0.00	0.00	0.00	0.00	2.36	0.00	0.62	---	0.06	0.13
9	0.00	0.00	0.17	0.00	0.03	0.00	0.52	0.00	0.00	0.00	0.10	0.05
10	1.13	0.27	0.66	0.00	0.17	0.00	0.08	0.00	0.00	0.00	0.20	0.00
11	0.38	0.29	0.13	0.00	0.00	0.00	0.05	0.27	0.00	0.00	0.97	0.00
12	0.00	0.97	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00
13	0.04	0.21	0.48	0.00	0.00	0.32	0.00	0.00	0.04	0.00	0.00	0.00
14	0.03	0.00	0.00	0.00	0.00	0.17	0.00	0.00	0.00	0.76	0.00	0.00
15	0.28	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00
16	0.02	1.49	0.00	0.01	1.20	0.00	0.00	0.02	0.12	0.00	0.00	0.00
17	0.00	0.11	0.00	0.00	0.05	0.70	0.00	0.00	---	0.12	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.70	---	0.00	0.00	0.00
19	0.00	0.00	0.02	0.00	0.00	0.98	0.00	0.00	---	0.30	0.00	0.00
20	0.00	0.18	0.09	0.00	0.01	0.48	0.00	0.00	---	0.00	0.00	0.00
21	0.00	0.03	0.00	0.00	0.01	0.11	0.00	0.00	---	0.00	0.00	0.00
22	0.00	0.00	0.00	0.34	0.34	0.00	0.00	3.30	---	0.10	0.00	0.02
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.29	---	0.76	0.00	0.30
24	0.05	0.00	1.14	0.00	0.00	0.00	0.00	0.00	---	0.88	0.00	0.00
25	0.01	0.00	0.03	0.00	0.00	0.00	0.44	0.47	---	0.27	0.04	0.00
26	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	---	0.46	0.00	0.08
27	0.01	0.00	0.00	0.00	0.58	0.00	0.00	0.02	---	0.64	0.00	---
28	1.20	0.00	0.00	0.00	0.00	0.01	0.00	0.00	---	0.00	0.00	---
29	0.02	0.00	0.00	0.00	---	0.00	0.00	0.00	---	0.00	0.00	---
30	0.63	0.00	0.00	0.00	---	0.23	0.00	0.00	---	0.00	0.00	---
31	0.00	---	0.07	0.00	---	0.01	---	0.00	---	0.00	0.00	---
TOTAL	4.14	4.33	3.20	0.46	2.83	6.56	4.33	6.66	---	---	3.27	---
MAX	1.20	1.49	1.14	0.34	1.20	1.23	2.36	3.30	---	---	1.00	---
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---	---	0.00	---

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.--Records good except for the month of September, which is fair.

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	606	400	479	998	506	857	682	689	698	878	831	2490
2	525	376	465	905	486	815	664	672	670	3150	875	1490
3	467	359	461	881	473	752	647	652	752	1520	1030	1380
4	429	353	477	825	574	712	635	678	861	1260	975	1080
5	421	392	1050	772	556	704	723	837	722	1130	834	1000
6	386	654	783	731	508	1100	719	2580	677	1410	773	881
7	359	509	638	698	569	989	1290	2520	2320	1190	752	819
8	344	448	586	679	551	851	1090	1780	1810	1030	832	782
9	329	422	555	661	511	796	1030	1360	1210	940	848	751
10	333	559	543	640	516	746	1160	1160	997	924	881	716
11	356	1640	709	608	508	710	1260	1070	906	899	879	685
12	335	1200	633	594	487	684	1030	996	898	841	965	657
13	347	883	694	584	473	667	916	917	1110	885	931	630
14	321	725	871	580	475	650	847	878	951	1010	882	610
15	475	651	727	565	563	651	801	862	957	899	1020	617
16	1350	1150	660	553	628	742	771	842	891	826	918	609
17	671	1190	615	562	899	705	756	854	1100	800	954	573
18	513	876	584	527	717	713	1020	947	974	1070	929	553
19	453	762	576	523	632	915	939	909	1000	808	848	538
20	423	696	1360	524	593	1980	842	850	890	780	795	519
21	402	761	972	528	571	1460	868	860	809	766	808	510
22	391	725	813	525	1900	1120	896	1690	760	861	828	1530
23	371	645	730	507	1780	978	798	1390	729	779	813	2590
24	354	607	1470	458	1150	901	757	1170	702	716	724	1100
25	350	582	1440	496	951	840	766	1020	678	679	673	847
26	379	557	1080	480	883	805	798	934	660	659	657	749
27	354	538	950	472	1000	770	728	866	644	655	651	701
28	382	515	870	462	969	744	696	818	665	661	661	678
29	499	501	814	507	---	727	680	784	652	637	653	594
30	489	494	764	595	---	753	679	755	636	718	650	554
31	445	---	737	543	---	714	---	725	---	857	804	---
TOTAL	13859	20170	24106	18983	20429	26551	25488	33065	27329	30238	25674	27233
MEAN	447	672	778	612	730	856	850	1067	911	975	828	908
MAX	1350	1640	1470	998	1900	1980	1290	2580	2320	3150	1030	2590
MIN	321	353	461	458	473	650	635	652	636	637	650	510
CFSM	2.16	3.25	3.76	2.96	3.52	4.14	4.10	5.15	4.40	4.71	4.00	4.39
IN.	2.49	3.62	4.33	3.41	3.67	4.77	4.58	5.94	4.91	5.43	4.61	4.89

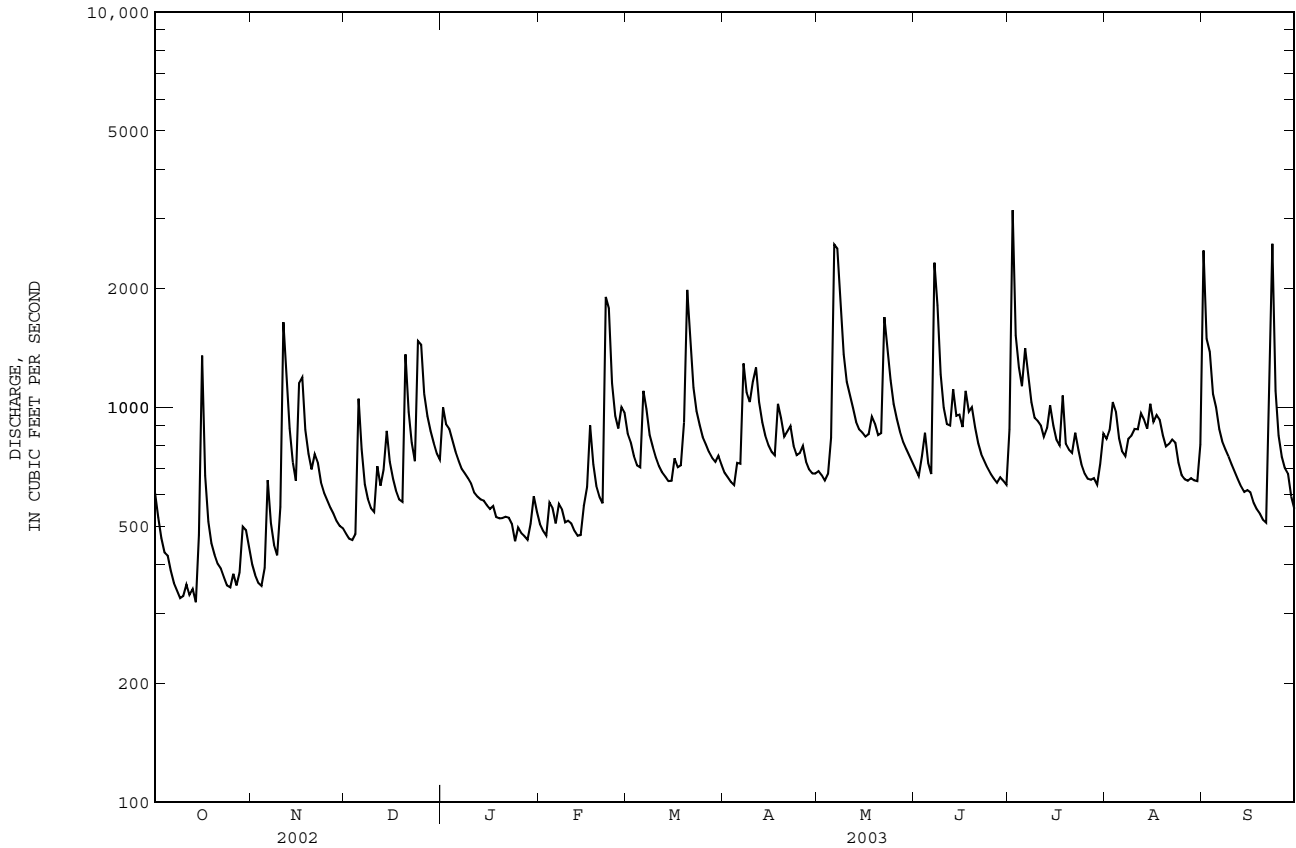
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 2003, BY WATER YEAR (WY)

MEAN	434	501	643	768	862	939	887	720	593	506	482	435
MAX	1524	1509	1358	1747	1728	1829	1633	1725	1439	1542	1453	1118
(WY)	1965	1980	1962	1946	1990	1979	1964	1976	1976	1949	1940	1949
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 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1940 - 2003	
ANNUAL TOTAL	172616		293125		646	
ANNUAL MEAN	473		803		1098	
HIGHEST ANNUAL MEAN					1949	
LOWEST ANNUAL MEAN					298	
HIGHEST DAILY MEAN	3400	Sep 27	3150	Jul 2	14800	Aug 30 1940
LOWEST DAILY MEAN	112	Sep 12	321	Oct 14	88	Oct 8 1954
ANNUAL SEVEN-DAY MINIMUM	122	Sep 7	338	Oct 8	90	Oct 7 1954
MAXIMUM PEAK FLOW			5690	Sep 23	a 29000	Aug 30 1940
MAXIMUM PEAK STAGE			5.25	Sep 23	13.80	Aug 30 1940
INSTANTANEOUS LOW FLOW			305	Oct 14	88	Oct 8 1954
ANNUAL RUNOFF (CFSM)	2.28		3.88		3.12	
ANNUAL RUNOFF (INCHES)	31.02		52.68		42.42	
10 PERCENT EXCEEDS	813		1150		1150	
50 PERCENT EXCEEDS	424		731		524	
90 PERCENT EXCEEDS	168		473		224	

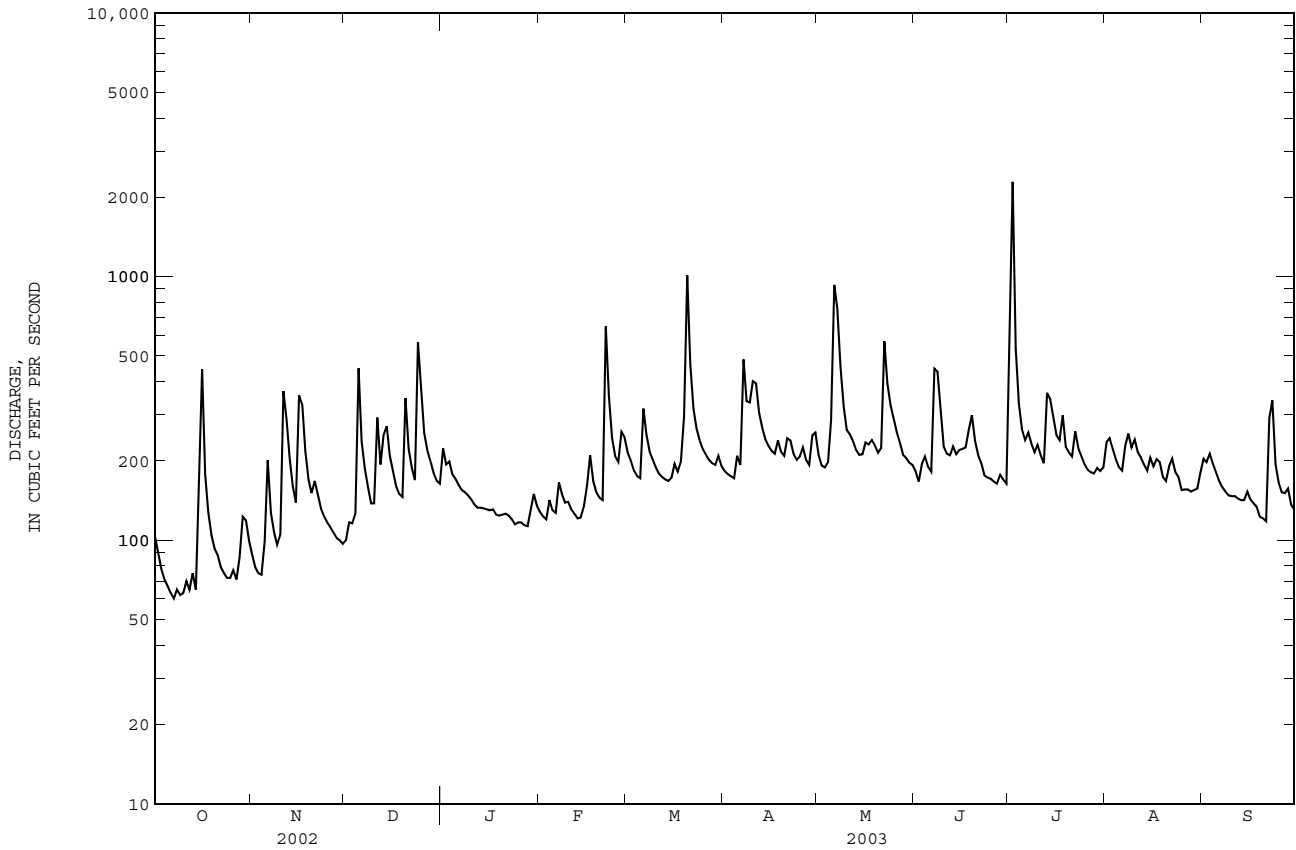
a From rating curve extended above 4,700 ft³/s on basis of slope-area measurements at gage-heights 9.9 and 13.2 ft.



02185200 LITTLE RIVER NEAR WALHALLA, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1967 - 2003	
ANNUAL TOTAL	38013.0		75546		173	
ANNUAL MEAN	104		207		255	
HIGHEST ANNUAL MEAN					1980	
LOWEST ANNUAL MEAN					79.6	
HIGHEST DAILY MEAN	564	Dec 24	2290	Jul 2	10000	Jun 4 1967
LOWEST DAILY MEAN	8.0	Aug 14	60	Oct 7	8.0	Aug 14 2002
ANNUAL SEVEN-DAY MINIMUM	9.3	Aug 9	64	Oct 6	9.3	Aug 9 2002
MAXIMUM PEAK FLOW			4690	Jul 2	b 12800	Jun 4 1967
MAXIMUM PEAK STAGE			7.02	Jul 2	12.29	Jun 4 1967
INSTANTANEOUS LOW FLOW			58	a Oct 6	7.8	c Aug 13 2002
ANNUAL RUNOFF (CFSM)	1.45		2.87		2.40	
ANNUAL RUNOFF (INCHES)	19.64		39.03		32.58	
10 PERCENT EXCEEDS	196		304		292	
50 PERCENT EXCEEDS	89		189		138	
90 PERCENT EXCEEDS	27		106		61	

a Also occurred Oct. 7, 9, 10, 13.
 b From rating curve extended above 3,060 ft³/s.
 c Also occurred Aug. 14, 15, 2002.



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.--January 1993 to September 2001, December 2002 to September 2003.

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 2002 TO SEPTEMBER 2003
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	0.22	0.02	0.08	0.01	0.00	0.00	3.53	0.36	0.01
2	---	---	---	0.29	0.00	0.00	---	0.32	0.00	0.62	0.02	0.00
3	---	---	---	0.01	0.00	0.00	---	0.31	1.90	0.00	0.86	0.00
4	---	---	---	0.00	0.50	0.00	0.00	0.00	0.22	0.06	0.40	0.09
5	---	---	---	0.00	0.00	0.23	0.76	2.01	0.00	0.00	0.05	0.01
6	---	---	---	0.00	0.58	---	0.51	1.62	0.31	0.59	0.07	0.00
7	---	---	---	0.00	0.09	0.00	0.81	0.55	0.97	0.95	0.10	0.00
8	---	---	---	0.00	0.00	0.00	0.36	0.00	0.25	0.00	0.01	0.00
9	---	---	---	0.00	0.00	0.00	0.24	0.00	0.00	0.03	0.17	0.00
10	---	---	---	---	0.23	0.00	0.77	0.00	0.00	0.03	---	0.00
11	---	---	---	0.00	0.00	0.00	0.00	0.06	0.05	0.13	0.02	0.00
12	---	---	---	0.00	0.03	0.00	0.00	0.00	0.98	0.00	0.12	0.00
13	---	---	---	0.00	0.00	0.05	0.00	0.00	0.05	3.11	0.00	0.00
14	---	---	---	0.00	0.26	0.11	0.00	0.00	0.00	0.07	0.03	0.12
15	---	---	---	0.00	0.03	0.54	0.00	0.03	0.60	0.86	0.00	0.03
16	---	---	---	0.00	1.35	0.05	0.04	0.00	---	0.08	---	0.00
17	---	---	0.00	0.17	0.06	0.17	0.36	0.66	0.00	---	---	0.02
18	---	---	0.00	0.01	0.00	0.19	0.02	0.22	0.36	0.36	0.10	0.00
19	---	---	0.90	0.00	0.00	2.48	0.00	0.00	0.02	0.01	0.00	0.00
20	---	---	0.72	0.00	0.01	---	0.00	0.00	0.00	0.05	0.01	0.00
21	---	---	0.00	0.08	0.12	0.00	0.78	0.53	0.00	---	0.00	0.00
22	---	---	0.00	0.00	---	0.00	0.00	3.16	0.00	1.08	0.79	---
23	---	---	0.00	0.02	0.00	0.00	0.00	0.03	0.00	0.14	0.00	0.00
24	---	---	2.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	---	---	0.05	0.00	0.00	0.00	0.32	0.01	0.00	0.00	0.00	0.00
26	---	---	0.00	0.00	0.33	0.00	0.76	0.01	0.00	0.01	0.00	0.00
27	---	---	0.00	0.00	1.09	0.00	0.00	0.14	0.00	0.00	0.00	0.54
28	---	---	0.00	0.00	0.01	0.00	0.00	0.00	0.09	0.00	0.01	0.00
29	---	---	0.00	0.56	---	0.00	---	0.00	0.00	0.55	0.06	0.00
30	---	---	0.00	0.50	---	0.51	0.01	0.00	0.05	0.00	0.00	0.03
31	---	---	0.40	0.00	---	0.00	---	0.00	---	0.11	---	---
TOTAL	---	---	---	---	---	---	---	9.66	---	---	---	---

SAVANNAH RIVER BASIN

597

02186645 CONERROSS CREEK NEAR SENECA, SC

LOCATION.--Lat 34°38'57'', long 82°59'30'', Oconee County, Hydrologic Unit 03060101, on right bank 30 ft downstream of bridge on County Road 63, and 3.0 miles southwest of Seneca.

DRAINAGE AREA.--65.4 mi².

PERIOD OF RECORD.--April 1989 to September 2003 (discontinued).

GAGE.--Data collection platform. Elevation of gage is 740 ft above NGVD of 1929 (from topographic map).

REMARKS.--Records good except for discharges from March 19 to April 14, which are poor.

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	62	64	61	144	81	196	121	98	92	240	109	93
2	53	57	60	116	76	155	117	104	88	1160	129	79
3	46	55	60	126	74	133	115	98	117	419	92	74
4	42	51	70	105	89	121	113	93	119	320	87	71
5	39	105	875	97	80	117	135	152	97	263	83	70
6	35	285	359	92	79	595	129	353	92	247	83	66
7	35	131	247	88	137	261	247	460	179	301	128	65
8	33	94	201	87	102	173	199	243	151	175	171	64
9	31	79	173	85	91	148	192	172	116	132	191	63
10	31	75	168	84	101	132	318	141	98	122	187	61
11	36	139	517	79	90	121	279	129	92	121	160	60
12	48	198	210	77	84	115	193	120	94	116	117	59
13	49	141	312	77	81	111	161	110	124	113	104	58
14	40	105	251	87	83	109	143	105	103	124	96	58
15	136	89	158	82	86	112	132	106	94	131	88	62
16	363	311	126	81	170	124	125	104	89	118	90	59
17	142	277	107	82	196	113	122	178	92	123	106	57
18	89	158	98	78	132	142	141	148	144	427	163	56
19	70	122	92	76	116	200	122	123	148	182	103	53
20	60	105	318	74	104	2250	117	111	115	189	91	53
21	59	112	159	74	98	524	153	111	96	148	86	52
22	53	100	120	73	530	346	154	460	90	145	90	173
23	49	87	105	70	329	280	124	290	83	146	84	400
24	47	80	581	68	228	229	114	182	79	127	81	188
25	46	77	343	68	179	175	127	148	76	103	80	111
26	49	74	223	68	139	155	147	131	74	96	76	89
27	45	71	181	67	442	144	121	118	72	92	73	88
28	56	67	130	68	306	136	110	108	76	86	70	100
29	90	65	117	82	---	130	104	103	78	85	72	76
30	99	64	107	127	---	142	101	99	78	91	71	71
31	77	---	102	92	---	127	---	95	---	88	76	---
TOTAL	2110	3438	6631	2674	4303	7816	4476	4993	3046	6230	3237	2629
MEAN	68.1	115	214	86.3	154	252	149	161	102	201	104	87.6
MAX	363	311	875	144	530	2250	318	460	179	1160	191	400
MIN	31	51	60	67	74	109	101	93	72	85	70	52
CFSM	1.04	1.75	3.27	1.32	2.35	3.86	2.28	2.46	1.55	3.07	1.60	1.34
IN.	1.20	1.96	3.77	1.52	2.45	4.45	2.55	2.84	1.73	3.54	1.84	1.50

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 2003, BY WATER YEAR (WY)

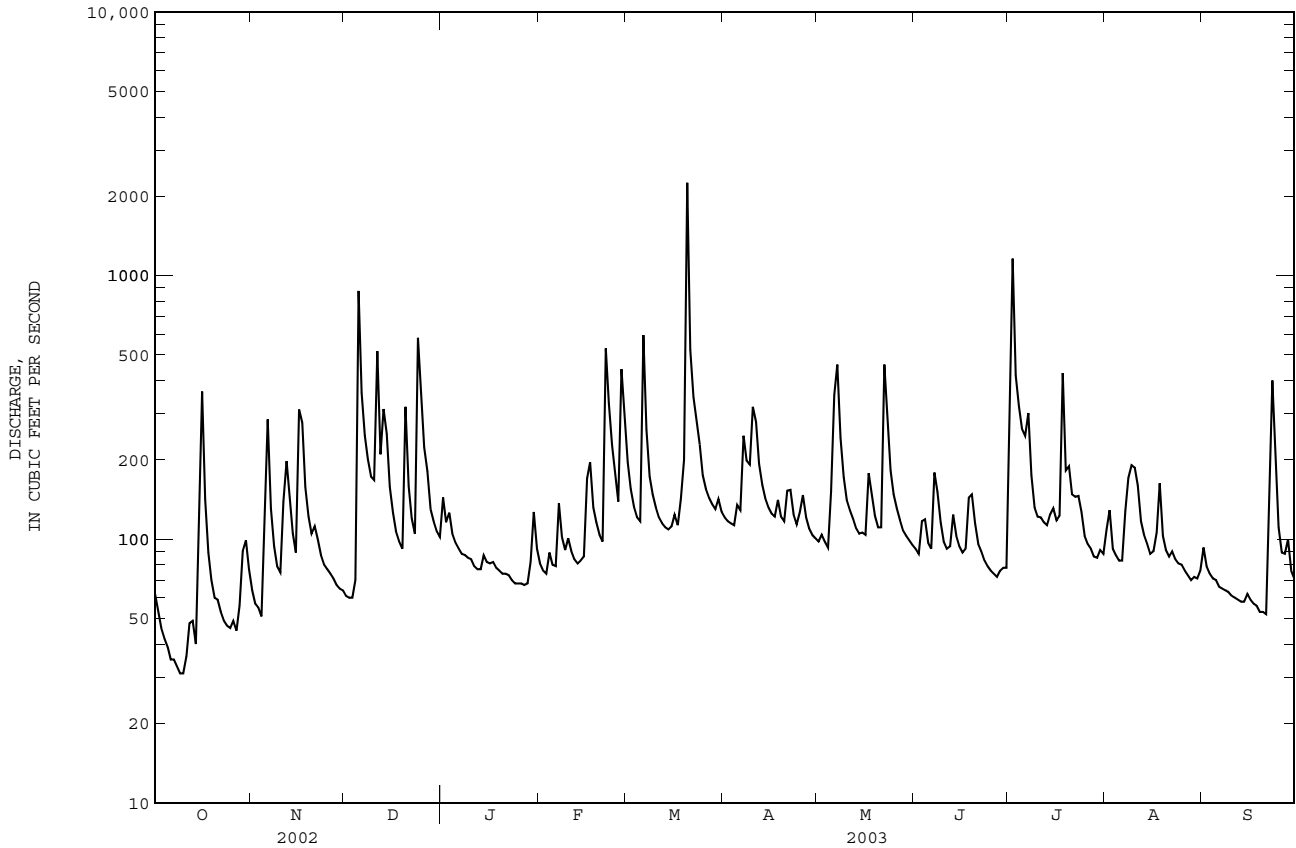
	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
MEAN	107	96.4	111	152	168	182	129	105	88.7	81.8	98.1	73.1			
MAX	254	281	259	349	371	323	248	199	152	255	290	127			
(WY)	1996	1993	1993	1993	1998	1990	1998	1998	1989	1989	1994	1992			
MIN	24.6	27.2	43.0	75.5	61.2	87.2	59.9	33.3	24.3	11.7	18.3	26.8			
(WY)	2002	2002	2002	2001	2001	1999	2001	2001	2002	2002	2002	1999			

SAVANNAH RIVER BASIN

02186645 CONERROSS CREEK NEAR SENECA, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR			FOR 2003 WATER YEAR			WATER YEARS 1989 - 2003	
ANNUAL TOTAL	27840.3			51583			115	
ANNUAL MEAN	76.3			141			180	
HIGHEST ANNUAL MEAN							50.2	
LOWEST ANNUAL MEAN							1993	
HIGHEST DAILY MEAN	875	Dec	5	2250	Mar	20	2800	Mar 17 1990
LOWEST DAILY MEAN	3.1	Aug	9	31	a	Oct 9	3.1	Aug 9 2002
ANNUAL SEVEN-DAY MINIMUM	4.0	Aug	5	34	Oct	5	4.0	Aug 5 2002
MAXIMUM PEAK FLOW				3370			3590	
MAXIMUM PEAK STAGE				14.86			15.26	
ANNUAL RUNOFF (CFSM)	1.17			2.16			1.76	
ANNUAL RUNOFF (INCHES)	15.84			29.34			23.96	
10 PERCENT EXCEEDS	159			247			201	
50 PERCENT EXCEEDS	52			105			80	
90 PERCENT EXCEEDS	9.8			60			37	

a Also occurred Oct. 10.



SAVANNAH RIVER BASIN

599

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 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	31	31	42	85	54	121	68	80	e66	e170	101	e65
2	28	29	42	64	52	105	66	78	66	e700	e120	e63
3	25	29	42	79	51	95	65	76	137	e186	e100	e61
4	24	30	49	58	68	77	64	e76	127	e100	e84	e60
5	24	66	391	55	57	73	e70	111	84	e95	e84	e60
6	23	154	123	52	57	456	85	281	77	e90	e64	e59
7	22	60	85	45	103	155	157	236	114	91	93	58
8	20	48	72	47	69	105	122	136	e97	90	70	55
9	19	45	65	49	61	81	127	112	79	79	62	54
10	22	45	83	48	70	72	179	e98	73	77	e74	49
11	22	122	397	44	59	66	136	93	72	85	71	45
12	21	116	124	e42	58	63	e110	87	76	e90	67	45
13	35	84	327	42	58	61	103	81	113	e85	67	45
14	34	63	198	43	60	60	93	80	e82	113	64	47
15	238	56	101	43	65	68	87	83	e81	96	63	50
16	611	155	80	44	146	89	87	81	e80	83	e90	46
17	102	144	70	46	166	73	85	134	86	77	e88	45
18	60	81	64	e47	96	81	101	e95	172	e70	87	44
19	e50	68	63	e47	82	190	e85	94	2040	e70	92	43
20	e42	65	278	45	76	2980	e80	89	202	e70	71	44
21	30	64	101	44	72	483	97	103	125	70	68	45
22	26	58	74	47	417	154	111	1330	e104	85	79	97
23	23	53	54	43	175	e120	80	448	83	103	e85	191
24	23	51	542	41	106	e100	76	184	76	80	e65	59
25	22	49	193	44	89	e87	87	e140	72	75	59	50
26	25	48	98	45	89	e86	e92	101	69	e68	58	51
27	22	46	75	44	483	e85	72	89	68	e66	58	51
28	28	46	55	44	216	84	75	82	69	69	57	91
29	52	45	59	54	---	e81	76	76	e69	75	58	51
30	46	45	57	98	---	e87	102	74	e68	88	57	47
31	36	---	56	64	---	74	---	74	---	131	e70	---
TOTAL	1786	1996	4060	1593	3155	6512	2838	4902	4727	3427	2326	1771
MEAN	57.6	66.5	131	51.4	113	210	94.6	158	158	111	75.0	59.0
MAX	611	155	542	98	483	2980	179	1330	2040	700	120	191
MIN	19	29	42	41	51	60	64	74	66	66	57	43
CFSM	1.23	1.42	2.79	1.09	2.40	4.47	2.01	3.36	3.35	2.35	1.60	1.26
IN.	1.41	1.58	3.21	1.26	2.50	5.15	2.25	3.88	3.74	2.71	1.84	1.40

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2003, BY WATER YEAR (WY)

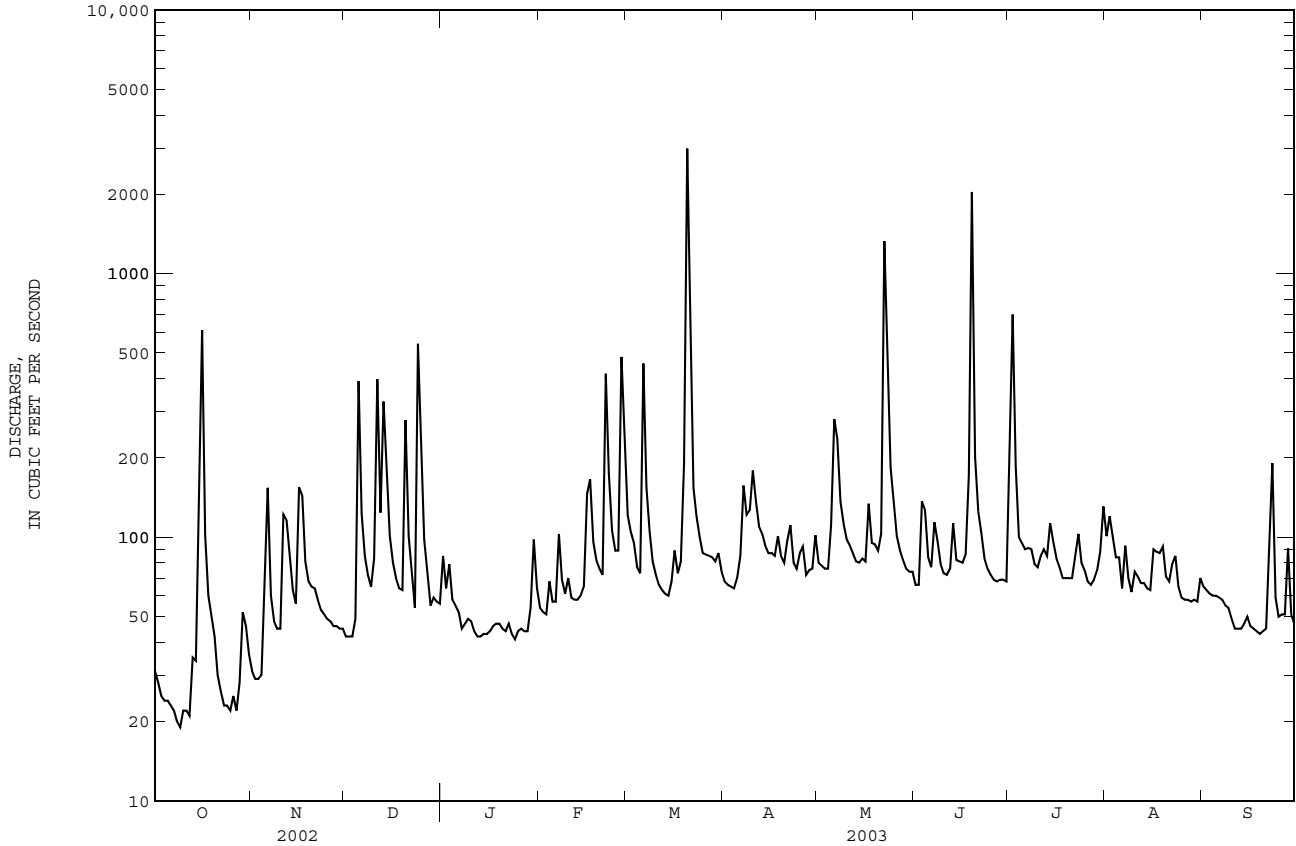
	1998	1999	2000	2001	2002	2003	1998	1999	2000	2001	2002	2003
MEAN	39.4	40.1	64.9	60.2	68.9	95.4	61.1	62.5	56.4	42.0	33.5	38.2
MAX	57.6	66.5	131	82.9	113	210	94.6	158	158	111	75.0	59.0
(WY)	2003	2003	2003	1999	2003	2003	2003	2003	2003	2003	2003	2003
MIN	17.3	21.1	36.1	51.4	39.2	55.4	41.4	31.0	23.5	13.2	16.2	24.7
(WY)	2001	2002	2002	2003	2001	1999	2002	2001	2002	2002	2002	2001

SAVANNAH RIVER BASIN

02186699 EIGHTEENMILE CREEK ABOVE PENDLETON, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1998 - 2003	
ANNUAL TOTAL	18683.4		39093		55.0	
ANNUAL MEAN	51.2		107		107	
HIGHEST ANNUAL MEAN					2003	
LOWEST ANNUAL MEAN					36.1	
HIGHEST DAILY MEAN	611	Oct 16	2980	Mar 20	2980	Mar 20 2003
LOWEST DAILY MEAN	3.3	Aug 8	19	Oct 9	3.3	Aug 8 2002
ANNUAL SEVEN-DAY MINIMUM	3.6	Aug 8	21	Oct 6	3.6	Aug 8 2002
MAXIMUM PEAK FLOW			3470		3470	
MAXIMUM PEAK STAGE			10.68		10.68	
ANNUAL RUNOFF (CFSM)	1.09		2.28		1.17	
ANNUAL RUNOFF (INCHES)	14.79		30.94		15.91	
10 PERCENT EXCEEDS	88		149		87	
50 PERCENT EXCEEDS	35		73		39	
90 PERCENT EXCEEDS	12		43		18	

e Estimated



SAVANNAH RIVER BASIN

601

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 September 2003.

GAGE.--Data collection platform. Datum of gage is 570 ft above sea level (from topographic map).

REMARKS.--Records good except for estimated daily discharges, which are poor.

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	---	---	---	---	---	815	166	127	86	108	453	79
2	---	---	---	---	---	323	153	161	86	1140	247	80
3	---	---	---	---	---	250	148	131	115	739	229	73
4	---	---	---	---	---	213	143	121	263	209	145	71
5	---	---	---	---	---	207	150	130	137	127	119	94
6	---	---	---	---	---	1290	158	289	99	118	107	80
7	---	---	---	---	---	1340	332	208	220	110	111	71
8	---	---	---	---	---	448	447	203	165	105	151	67
9	---	---	---	---	---	279	360	183	142	97	140	65
10	---	---	---	---	---	235	481	146	121	92	132	63
11	---	---	---	---	---	205	706	125	110	91	105	60
12	---	---	---	---	---	157	189	125	132	90	96	58
13	---	---	---	---	---	143	178	274	113	84	97	56
14	---	---	---	---	---	137	173	222	109	133	145	54
15	---	---	---	---	---	e137	191	197	108	111	133	54
16	---	---	---	---	---	e350	248	159	111	106	85	53
17	---	---	---	---	---	e360	221	111	122	102	87	51
18	---	---	---	---	---	e220	263	122	180	102	93	49
19	---	---	---	---	---	e170	316	122	206	111	95	47
20	---	---	---	---	---	157	1380	107	113	123	100	48
21	---	---	---	---	---	147	2320	108	115	100	79	46
22	---	---	---	---	---	294	1090	121	334	90	80	47
23	---	---	---	---	---	525	351	103	773	84	99	102
24	---	---	---	---	---	307	268	92	499	81	135	93
25	---	---	---	---	---	220	230	99	226	78	98	71
26	---	---	---	---	---	188	207	128	162	75	86	63
27	---	---	---	---	---	441	190	117	157	72	82	59
28	---	---	---	---	---	900	178	116	142	76	79	61
29	---	---	---	---	---	---	170	120	134	78	72	59
30	---	---	---	---	---	---	188	123	223	75	126	54
31	---	---	---	---	---	---	196	---	88	---	224	69
TOTAL	---	---	---	---	---	14152	6112	5864	3409	5026	4228	1928
MEAN	---	---	---	---	---	457	204	189	114	162	136	64.3
MAX	---	---	---	---	---	2320	706	773	263	1140	453	102
MIN	---	---	---	---	---	170	92	88	72	72	69	46
CFSM	---	---	---	---	---	4.11	1.84	1.70	1.02	1.46	1.23	0.58
IN.	---	---	---	---	---	4.74	2.05	1.97	1.14	1.68	1.42	0.65

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 2003, BY WATER YEAR (WY)

	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
MEAN	102	117	139	224	229	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	117	70.4	80.8	85.1	51.0	27.7	29.4	27.1	28.4			
(WY)	2001	2001	2001	2001	2001	1999	2001	2001	2000	2000	1999	1999			

SAVANNAH RIVER BASIN

02187910 ROCKY RIVER NEAR STARR, SC--Continued

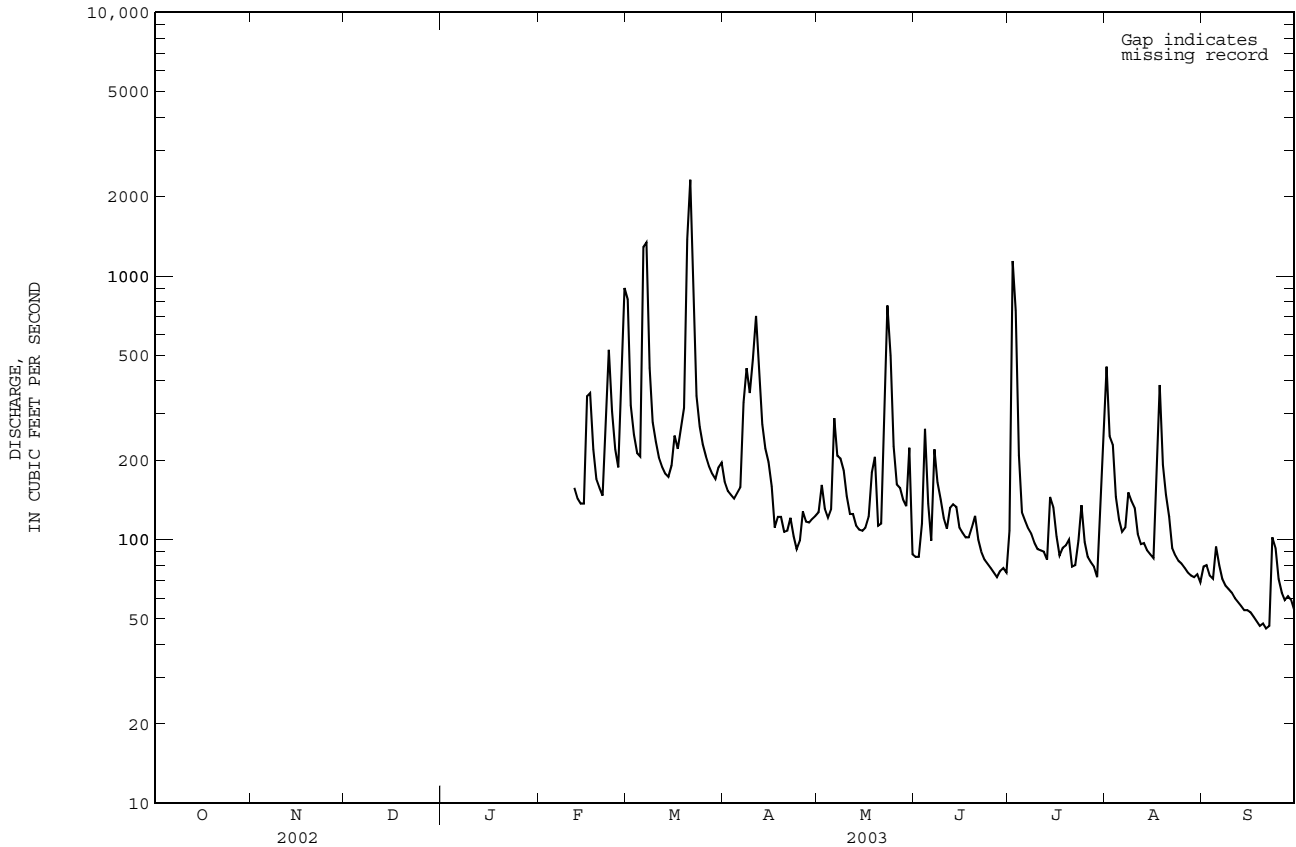
SUMMARY STATISTICS

FOR 2003 WATER YEAR

WATER YEARS 1989 - 2003

ANNUAL MEAN			136	
HIGHEST ANNUAL MEAN			226	1998
LOWEST ANNUAL MEAN			73.0	2001
HIGHEST DAILY MEAN	2320	Mar 21	3810	Apr 18 1998
LOWEST DAILY MEAN	46	Sep 21	10	Aug 16 1999
ANNUAL SEVEN-DAY MINIMUM	49	Sep 16	11	Aug 13 1999
MAXIMUM PEAK FLOW	2530	Mar 21	6260	Apr 18 1998
MAXIMUM PEAK STAGE	13.51	Mar 21	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	

e Estimated



SAVANNAH RIVER BASIN

603

02192500 LITTLE RIVER NEAR MOUNT CARMEL, SC

LOCATION.--Lat 34°04'13'' (revised), long 82°30'02'' (revised), McCormick County, Hydrologic Unit 03060103, 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.--217 mi².

WATER-DISCHARGE RECORDS

PERIOD OF DAILY RECORD.--January 1940 to September 1970, October 1970 to September 1986 (crest-stage partial record), October 1986 to current year.

REVISED RECORD.--WSP 1433:1948.

GAGE.--Data collection platform. Datum of gage is 355.03 ft above NGVD of 1929. December 1939 to October 16, 1987, at site 850 ft downstream at datum 1.06 ft lower.

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

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	27	53	64	182	245	548	198	268	139	166	308	78
2	25	43	62	215	190	364	181	249	128	2380	465	78
3	23	40	61	187	164	300	171	193	125	1100	461	75
4	22	38	62	164	157	251	164	177	158	354	355	96
5	21	41	93	148	179	229	166	167	183	251	212	130
6	20	87	194	139	154	2880	190	810	141	203	197	126
7	20	116	144	131	332	5200	351	903	511	187	268	90
8	21	74	106	126	334	1200	423	472	629	203	230	80
9	19	58	91	125	233	494	490	288	297	162	215	77
10	18	52	84	121	273	343	1120	225	210	166	159	73
11	19	82	129	116	259	272	1070	196	172	251	142	70
12	25	312	189	109	204	227	530	183	173	189	128	73
13	27	404	645	107	179	207	340	169	251	214	205	63
14	24	208	799	106	164	193	275	149	335	178	127	61
15	29	123	344	105	159	222	239	150	275	153	112	60
16	56	415	218	103	636	284	219	159	194	127	127	58
17	71	941	172	105	776	336	207	152	166	113	254	55
18	51	470	140	104	394	525	341	155	172	108	1140	53
19	38	222	123	99	286	673	323	168	182	105	323	52
20	33	160	172	98	236	2490	245	158	162	111	183	50
21	33	129	184	100	209	3260	415	150	140	102	141	49
22	38	111	138	113	730	949	1440	1040	124	96	121	50
23	36	95	121	124	869	496	382	1810	112	101	107	62
24	32	85	1380	107	407	370	271	684	105	123	98	67
25	30	80	1970	99	285	300	250	348	99	115	96	59
26	30	76	897	99	242	257	303	273	95	95	96	54
27	31	75	355	99	308	244	239	228	91	609	89	52
28	33	71	266	95	805	214	205	199	92	229	85	51
29	39	69	218	96	---	198	189	180	103	115	80	49
30	106	69	192	262	---	218	180	164	98	96	77	47
31	70	---	175	357	---	247	---	151	---	135	75	---
TOTAL	1067	4799	9788	4141	9409	23991	11117	10618	5662	8537	6676	2038
MEAN	34.4	160	316	134	336	774	371	343	189	275	215	67.9
MAX	106	941	1970	357	869	5200	1440	1810	629	2380	1140	130
MIN	18	38	61	95	154	193	164	149	91	95	75	47
CFSM	0.16	0.74	1.46	0.62	1.55	3.57	1.71	1.58	0.87	1.27	0.99	0.31
IN.	0.18	0.82	1.68	0.71	1.61	4.11	1.91	1.82	0.97	1.46	1.14	0.35

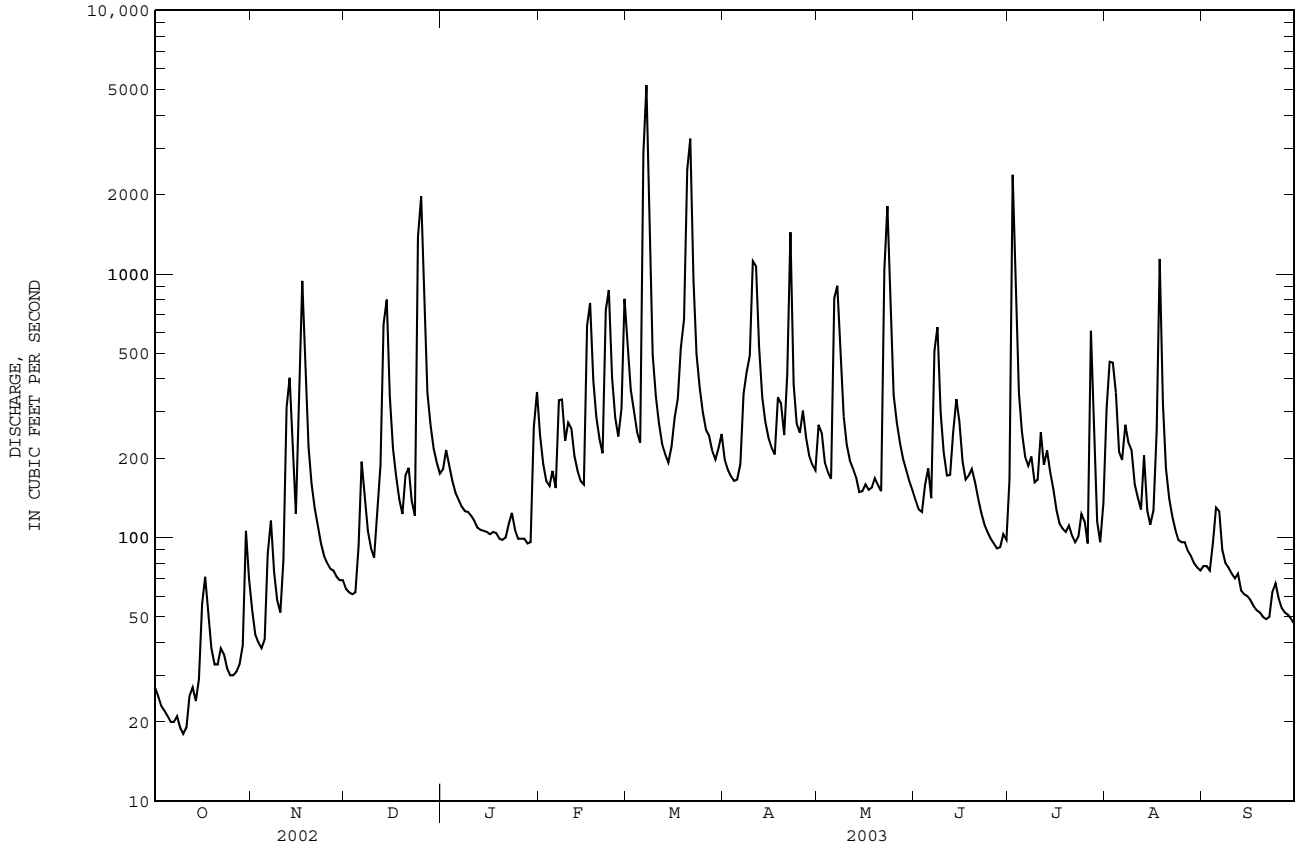
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 2003, BY WATER YEAR (WY)

	MEAN	MAX	MIN	(WY)								
MEAN	96.4	156	197	298	372	454	288	182	120	133	124	81.8
MAX	556	804	529	767	815	1235	899	471	413	736	1027	384
(WY)	1990	1949	1965	1943	1990	1952	1964	1949	1965	1941	1940	1959
MIN	4.49	27.3	40.3	55.8	85.1	79.8	106	52.2	18.7	8.40	2.22	5.71
(WY)	1955	1955	1956	1956	1989	1988	2000	2000	2000	1988	1988	1954

SAVANNAH RIVER BASIN

02192500 LITTLE RIVER NEAR MOUNT CARMEL, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1940 - 2003	
ANNUAL TOTAL	41260.9		97843		207	
ANNUAL MEAN	113		268		456	
HIGHEST ANNUAL MEAN					1964	
LOWEST ANNUAL MEAN					1988	
HIGHEST DAILY MEAN	1970	Dec 25	5200	Mar 7	15200	Aug 14 1940
LOWEST DAILY MEAN	1.3	Sep 13	18	Oct 10	1.0	Oct 8 1954
ANNUAL SEVEN-DAY MINIMUM	1.7	Aug 13	20	Oct 5	1.1	Aug 27 1988
MAXIMUM PEAK FLOW			6150	Mar 7	20800	Aug 14 1940
MAXIMUM PEAK STAGE			18.83	Mar 7	29.60	Aug 14 1940
INSTANTANEOUS LOW FLOW			18	Oct 9	0.70	Oct 9 1954
ANNUAL RUNOFF (CFSM)	0.52		1.24		0.96	
ANNUAL RUNOFF (INCHES)	7.07		16.77		12.98	
10 PERCENT EXCEEDS	223		495		367	
50 PERCENT EXCEEDS	64		162		105	
90 PERCENT EXCEEDS	4.2		51		35	



02192500 LITTLE RIVER NEAR MT. CARMEL, 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 2002 TO SEPTEMBER 2003
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	0.29	0.00	1.05	0.00	4.17	0.00	0.30
2	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.26	0.00	0.02	0.16	0.60
3	0.00	0.03	0.00	0.01	0.00	0.01	0.00	0.00	0.29	0.01	0.65	0.00
4	0.00	---	0.21	0.00	---	0.03	0.00	0.00	0.04	0.00	0.01	0.52
5	0.20	---	0.24	0.00	0.00	0.15	0.19	0.32	0.00	0.00	0.01	0.00
6	0.01	---	0.00	0.00	0.56	2.00	0.48	1.72	0.58	0.00	0.51	---
7	0.00	0.00	0.00	0.00	0.16	---	0.61	0.19	1.97	0.67	0.11	0.08
8	0.03	0.00	0.00	0.00	0.00	0.00	0.48	0.01	0.01	0.00	0.01	---
9	0.00	0.00	0.00	0.04	0.00	0.00	0.29	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.34	0.01	0.57	0.00	0.90	0.00	0.00	1.41	0.05	0.00
11	0.06	1.35	0.12	0.00	0.02	0.01	0.01	0.00	0.00	0.01	0.01	0.00
12	0.00	---	---	0.00	0.01	0.00	0.00	0.00	1.17	0.00	0.00	0.00
13	0.07	---	1.22	0.00	0.00	0.01	0.00	0.00	---	1.76	0.00	0.00
14	0.12	0.00	0.00	0.00	0.02	0.00	0.00	0.00	---	0.11	0.01	0.00
15	1.46	0.01	0.00	0.00	0.00	0.79	0.00	0.26	---	0.00	0.00	0.00
16	0.09	1.20	0.00	0.14	1.35	0.01	0.00	0.00	---	0.00	0.53	0.00
17	0.00	0.06	0.00	0.00	0.03	---	0.25	0.07	---	0.00	1.31	0.00
18	0.02	0.01	0.00	0.00	0.00	0.17	0.61	0.32	---	0.60	0.00	0.00
19	0.00	0.01	0.24	0.00	0.00	1.66	0.00	0.00	0.02	0.13	0.00	0.00
20	0.16	0.00	0.24	0.00	0.00	1.17	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.31	0.03	0.00	---	0.41	0.00	0.01	0.00	0.00
22	0.00	0.00	0.00	0.02	---	0.00	0.07	2.08	0.00	0.07	0.01	1.09
23	0.00	0.00	0.00	0.01	---	0.00	0.00	---	0.00	0.61	0.00	0.02
24	0.06	0.00	2.26	0.00	0.00	0.00	0.00	---	0.02	0.01	0.00	0.01
25	0.05	0.00	0.18	0.00	0.00	0.00	0.59	0.00	0.00	0.00	0.00	0.00
26	0.01	0.00	0.00	0.00	0.26	0.22	0.01	0.00	0.00	0.00	0.00	0.02
27	0.00	0.00	0.00	0.00	0.60	---	0.00	---	0.00	0.40	0.00	0.00
28	0.35	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.14	0.00	0.04	0.00
29	0.34	0.00	0.00	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.01	0.00	0.00	0.92	---	---	---	0.00	0.04	0.00	0.00	0.00
31	0.00	---	---	0.00	---	0.00	---	0.00	---	0.15	0.03	---
TOTAL	3.04	---	---	---	---	---	---	---	---	10.14	3.45	---

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 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.81	1.1	1.3	2.0	2.0	4.2	4.6	19	5.8	e48	4.8	3.4
2	0.82	1.1	1.4	1.7	1.7	4.1	4.4	7.6	5.9	e69	4.3	3.3
3	0.82	1.1	1.4	1.8	1.7	4.0	4.2	6.6	8.7	3.1	13	2.7
4	0.80	1.2	2.4	1.9	2.2	4.4	4.1	7.2	6.5	2.2	4.2	17
5	0.77	4.9	5.6	1.9	1.6	5.3	5.3	8.1	5.7	2.1	3.5	2.6
6	0.70	2.4	1.8	1.9	2.7	e111	5.5	41	12	2.2	3.7	1.9
7	0.77	1.7	1.4	1.9	4.9	8.4	14	11	52	3.9	3.5	1.5
8	0.78	1.4	1.4	2.0	2.2	5.9	8.0	6.0	5.6	3.0	3.2	1.5
9	0.92	1.4	1.4	2.2	1.9	7.5	8.7	6.1	4.4	2.6	3.0	1.6
10	0.98	1.3	1.9	2.0	4.7	8.9	11	6.4	4.4	25	3.1	1.6
11	0.95	6.7	3.5	2.0	2.4	10	5.9	6.7	4.6	21	2.9	1.5
12	0.82	6.4	1.7	2.2	2.1	9.8	4.5	6.4	e38	4.6	2.9	1.4
13	0.73	2.0	17	2.0	1.9	9.9	3.9	6.1	15	4.5	2.7	1.4
14	0.80	1.8	2.5	2.0	1.9	9.8	3.6	6.0	4.9	4.2	2.6	1.3
15	1.9	1.3	1.6	1.9	1.9	15	3.3	6.9	3.7	4.0	2.6	1.3
16	2.2	9.9	1.4	2.0	22	11	3.1	6.5	3.6	4.0	2.6	1.3
17	0.97	2.8	1.4	2.0	5.2	22	4.4	6.3	3.5	4.0	3.6	1.3
18	1.1	1.7	1.3	1.9	3.6	16	25	6.4	4.5	3.9	3.1	1.3
19	0.95	1.6	1.2	1.9	3.0	27	4.9	6.4	3.8	3.8	2.6	1.3
20	1.1	1.5	3.2	1.9	3.0	66	4.1	6.3	4.3	3.8	2.4	1.3
21	1.1	1.4	1.3	2.1	2.8	9.2	e49	6.9	3.7	6.8	2.4	1.2
22	0.91	1.4	1.1	2.3	e55	6.6	7.7	e86	3.5	4.0	2.3	2.3
23	0.94	1.4	1.1	2.2	5.0	5.6	4.4	6.5	3.5	8.3	2.3	2.5
24	0.96	1.4	e56	2.1	3.3	5.1	4.2	4.9	3.7	4.5	2.2	1.6
25	0.99	1.3	4.5	2.1	3.0	4.7	6.8	5.1	3.6	3.9	2.3	1.5
26	1.0	1.3	1.7	2.1	3.1	4.8	6.8	5.8	3.4	3.9	2.2	1.5
27	0.91	1.3	1.3	2.1	7.4	4.4	5.7	5.9	3.2	4.1	2.2	1.5
28	1.2	1.3	1.2	2.1	4.1	4.1	5.3	6.1	3.1	3.9	2.1	1.4
29	2.0	1.4	1.0	2.7	---	4.0	5.0	6.2	2.9	3.9	2.1	1.5
30	1.5	1.6	1.1	11	---	e6.0	5.1	6.1	3.0	4.0	2.1	1.4
31	1.2	---	1.3	2.7	---	5.0	---	6.0	---	4.2	4.4	---
TOTAL	32.40	67.1	126.4	72.6	156.3	419.7	232.5	328.5	230.5	270.4	100.9	66.9
MEAN	1.05	2.24	4.08	2.34	5.58	13.5	7.75	10.6	7.68	8.72	3.25	2.23
MAX	2.2	9.9	56	11	55	111	49	86	52	69	13	17
MIN	0.70	1.1	1.0	1.7	1.6	4.0	3.1	4.9	2.9	2.1	2.1	1.2
CFSM	0.32	0.69	1.26	0.72	1.72	4.18	2.39	3.27	2.37	2.69	1.00	0.69
IN.	0.37	0.77	1.45	0.83	1.79	4.82	2.67	3.77	2.65	3.10	1.16	0.77

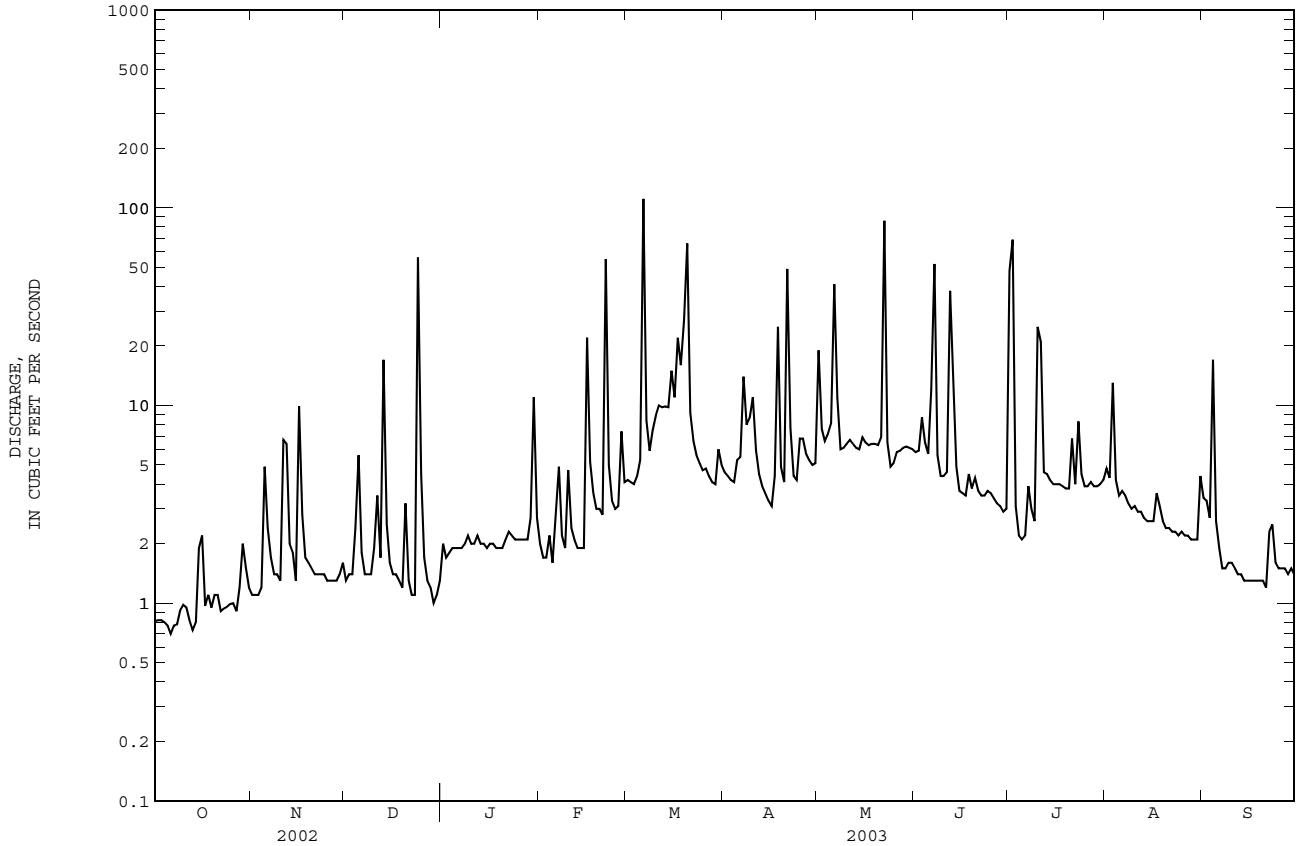
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2003, BY WATER YEAR (WY)

	1999	2000	2001	2002	2003	1998	1999	2000	2001	2002	2003	
MEAN	1.03	1.59	2.00	2.45	3.55	6.16	4.37	4.03	2.85	2.62	1.57	1.71
MAX	1.46	2.24	4.08	3.59	5.58	13.5	9.79	10.6	7.68	8.72	3.25	2.68
(WY)	1999	2003	2003	1999	2003	2003	1998	2003	2003	2003	2003	2000
MIN	0.50	0.84	0.91	1.57	2.02	2.53	1.63	1.31	0.62	0.38	0.23	0.61
(WY)	2002	2002	2002	2002	2001	1999	2002	2000	2002	2002	2002	2001

02192830 BLUE HILL CREEK AT ABBEVILLE, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR	FOR 2003 WATER YEAR	WATER YEARS 1998 - 2003	
ANNUAL TOTAL	662.25	2104.20		
ANNUAL MEAN	1.81	5.76	2.68	
HIGHEST ANNUAL MEAN			5.76	2003
LOWEST ANNUAL MEAN			1.39	2002
HIGHEST DAILY MEAN	56 Dec 24	e 111 Mar 6	e 111 Mar 6	2003
LOWEST DAILY MEAN	0.09 Sep 9	0.70 Oct 6	0.09 Sep 9	2002
ANNUAL SEVEN-DAY MINIMUM	0.11 Sep 7	0.78 Oct 2	0.11 Sep 7	2002
MAXIMUM PEAK FLOW		Unknown Jul 2	294 Jul 25	2000
MAXIMUM PEAK STAGE		8.48 Jul 2	8.58 Jul 25	2000
ANNUAL RUNOFF (CFSM)	0.56	1.78	0.83	
ANNUAL RUNOFF (INCHES)	7.60	24.16	11.23	
10 PERCENT EXCEEDS	3.5	9.0	4.5	
50 PERCENT EXCEEDS	1.0	3.1	1.5	
90 PERCENT EXCEEDS	0.20	1.2	0.58	

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.

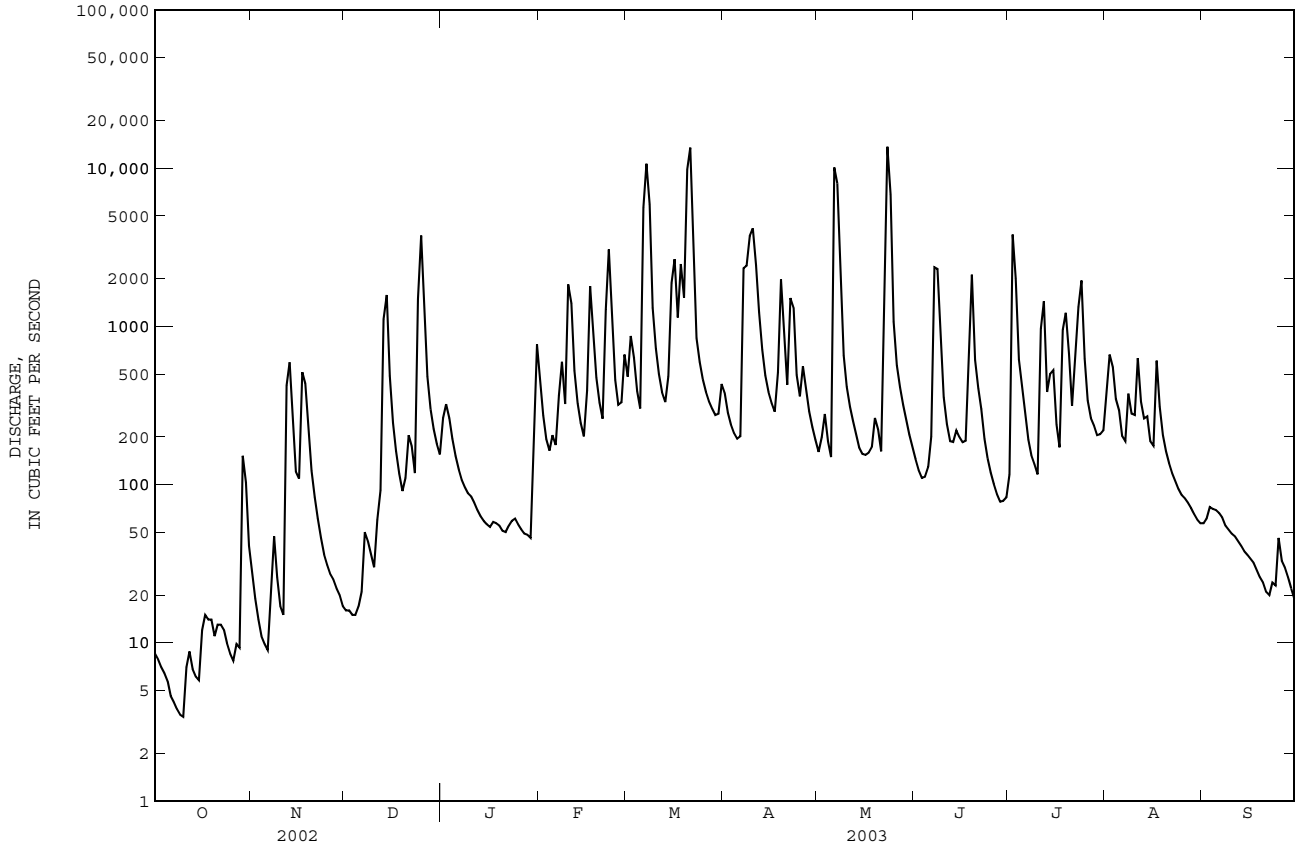
DAY	Precipitation, total, inches											
	WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.17	0.00	0.02	0.00	0.62	0.00	3.89	0.14	0.00
2	0.00	0.00	0.00	0.05	0.00	0.01	0.00	0.00	0.00	0.01	0.02	0.04
3	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.75	0.00	0.51	0.00
4	0.00	0.09	0.29	0.00	0.22	0.00	0.00	0.00	0.00	0.02	0.00	1.22
5	0.00	1.01	0.18	0.00	0.00	0.01	0.00	0.35	0.00	0.00	0.00	0.00
6	0.00	0.06	0.00	0.00	0.58	0.01	0.00	1.54	1.12	0.00	0.39	0.00
7	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.14	1.83	0.26	0.23	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.01	0.40	0.00	0.50	0.00	0.00	0.00	0.03	1.43	0.16	0.00
11	0.15	1.03	0.12	0.00	0.00	0.00	0.00	0.03	0.00	0.53	0.00	0.00
12	0.00	0.58	---	0.00	0.00	0.00	0.00	0.00	1.25	0.00	0.18	0.00
13	0.04	0.00	1.10	0.00	0.00	0.00	0.00	0.00	0.35	0.53	0.01	0.00
14	0.11	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.01	0.06	0.00	0.00
15	0.80	0.01	0.00	0.00	0.00	0.00	0.00	0.24	0.00	0.00	0.00	0.00
16	0.03	1.25	0.00	0.11	1.27	0.00	0.00	0.00	0.00	0.00	0.11	0.00
17	0.00	0.07	0.00	0.00	0.11	0.00	0.61	0.15	0.00	0.00	0.45	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.97	0.20	0.35	0.06	0.00	0.00
19	0.00	0.00	0.16	0.00	0.00	0.02	0.00	0.00	0.01	0.01	0.00	0.00
20	0.17	0.00	0.36	0.00	0.00	0.01	0.00	0.00	0.23	0.00	0.00	0.00
21	0.01	0.00	0.00	0.16	0.01	0.00	1.68	0.33	0.00	0.76	0.00	0.00
22	0.00	0.00	0.00	0.00	1.56	0.00	0.00	2.87	0.00	0.03	0.00	0.95
23	0.00	0.00	0.00	0.07	0.05	0.00	0.00	0.01	0.00	0.99	0.00	0.02
24	0.02	0.00	2.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.04	0.00	0.20	0.00	0.00	0.00	0.62	0.04	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.25	0.00	0.00	0.01	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00	0.15	0.00	0.00
28	0.18	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.09	0.00	0.00	0.00
29	0.54	0.00	0.00	0.43	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.01	0.00	0.00	1.05	---	---	0.00	0.00	0.02	0.06	0.00	0.01
31	0.00	---	0.19	0.00	---	0.00	---	0.00	---	0.24	0.13	---
TOTAL	2.10	4.12	---	2.10	4.94	---	3.88	6.53	6.04	9.03	2.33	2.24

SAVANNAH RIVER BASIN

02196000 STEVENS CREEK NEAR MODOC, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1930 - 2003	
ANNUAL TOTAL	45288.37		230252.4		404	
ANNUAL MEAN	124		631		959	
HIGHEST ANNUAL MEAN					1964	
LOWEST ANNUAL MEAN					79.0	
HIGHEST DAILY MEAN	3760	Dec 25	13700	May 23	31700	Aug 14 1940
LOWEST DAILY MEAN	0.51	Aug 24	3.4	Oct 10	0.00	a Sep 14 1954
ANNUAL SEVEN-DAY MINIMUM	1.4	Aug 10	4.5	Oct 4	0.00	Sep 24 1954
MAXIMUM PEAK FLOW			16700		35100	
MAXIMUM PEAK STAGE			31.00		41.08	
ANNUAL RUNOFF (CFSM)	0.23		1.16		0.74	
ANNUAL RUNOFF (INCHES)	3.09		15.72		10.06	
10 PERCENT EXCEEDS	239		1460		787	
50 PERCENT EXCEEDS	21		194		100	
90 PERCENT EXCEEDS	2.8		16		14	

a Also occurred many days in September to November, 1954.



SAVANNAH RIVER BASIN

611

02196485 AUGUSTA CANAL NEAR AUGUSTA, GA

LOCATION.--Lat 33°32'57'', long 82°02'17'', Columbia County, Hydrologic Unit 03060106, on right bank about 1,000 ft downstream of the Augusta City Lock and Dam near Augusta, Ga.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--October 1996 to July 2003 (discontinued).

GAGE.--Data collection platform. Datum of gage is 148.92 ft above NGVD of 1929.

REMARKS.--No estimated daily discharges. Records fair. Flow regulated by gate operations at Augusta City Lock and Dam. Discharge record computed by utilization of a one-dimensional unsteady flow simulation model (BRANCH). An auxiliary gage (sta 02196500) is used in conjunction with this station for computation of discharge.

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	2800	2350	1880	1860	1850	1850	2390	2540	2350	1870	---	---
2	2720	2310	2250	1860	1860	1860	2530	2530	2760	---	---	---
3	2840	2150	2400	1860	1860	1860	2630	2410	2810	---	---	---
4	2990	2210	2590	2270	2270	2270	2480	2240	2480	---	---	---
5	2980	2380	2460	2590	2590	2590	2460	2320	2500	---	---	---
6	2080	2460	2350	2750	2750	2750	2080	2140	2360	---	---	---
7	2410	2300	2220	2290	2290	2290	2230	2280	2310	---	---	---
8	2550	2600	1890	2430	2430	2430	2310	2400	2090	---	---	---
9	2430	2360	2330	2650	2640	2650	2280	2410	2570	---	---	---
10	2440	1910	2340	2700	2700	2700	2270	2180	2480	---	---	---
11	2460	2130	2190	2600	2600	2600	2490	2220	2390	---	---	---
12	2680	2250	2300	2520	2520	2520	2450	2520	2610	---	---	---
13	2250	2450	2040	2330	2330	2330	2120	2540	2290	---	---	---
14	2370	2340	2280	2020	2020	2020	2620	2660	2020	---	---	---
15	2420	2360	2280	2530	2530	2530	2560	2750	1930	---	---	---
16	2420	2120	2260	2560	2560	2560	2550	2250	2210	---	---	---
17	2420	1940	2260	2550	2550	2550	2520	1980	2140	---	---	---
18	2490	2390	1990	2560	2560	2560	2480	1980	2230	---	---	---
19	2480	2510	2350	2440	2440	2440	2190	2300	2460	---	---	---
20	2210	2530	2560	2490	2490	2490	1990	2490	2480	---	---	---
21	2460	2380	2580	2190	2190	2190	2430	2270	2240	---	---	---
22	2480	2370	2300	2580	2580	2580	2510	2050	2160	---	---	---
23	2560	2370	1880	2590	2590	2590	2510	2220	2440	---	---	---
24	2570	2000	1720	2530	2530	2530	2540	1860	2760	---	---	---
25	2460	2260	1820	2600	2600	2600	2410	2050	2840	---	---	---
26	2430	2290	1890	2570	2570	2570	2030	2250	2610	---	---	---
27	1920	2300	1750	2490	2490	2490	1890	2290	2570	---	---	---
28	---	2020	1830	2070	2070	2070	2390	2310	2290	---	---	---
29	---	1920	1850	2450	---	2450	2570	2520	2400	---	---	---
30	---	1810	1850	2330	---	2330	2500	2480	2140	---	---	---
31	2430	---	1860	2410	---	2410	---	2180	---	---	---	---
TOTAL	---	67770	66550	74670	67460	74660	71410	71620	71920	---	---	---
MEAN	---	2259	2147	2409	2409	2408	2380	2310	2397	---	---	---
MAX	---	2600	2590	2750	2750	2750	2630	2750	2840	---	---	---
MIN	---	1810	1720	1860	1850	1850	1890	1860	1930	---	---	---

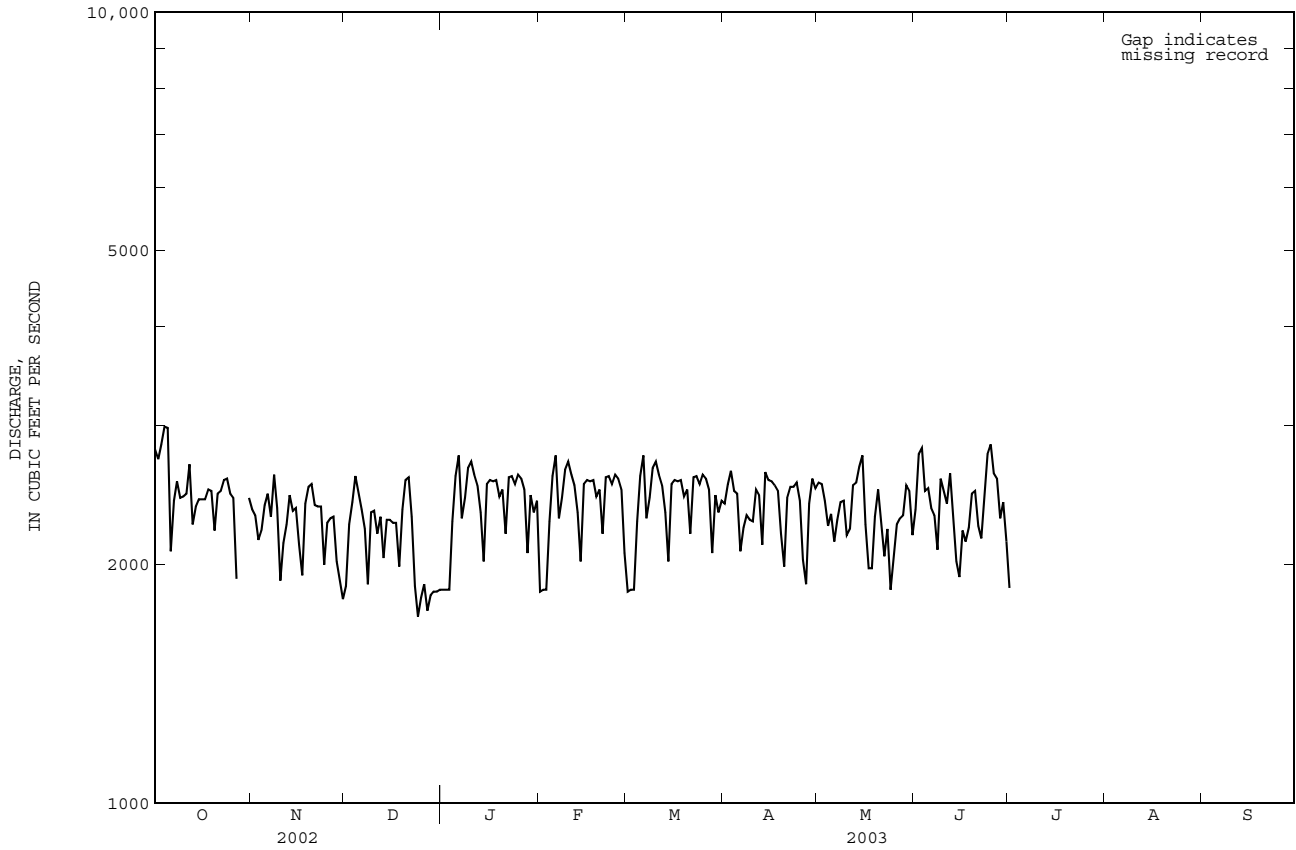
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1997 - 2003, BY WATER YEAR (WY)

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	
MEAN	2819	2518	2415	2441	2476	2339	2350	2412	2447	2505	2695	2659
MAX	3031	2696	2693	2617	2636	2617	2662	2824	2842	2817	2924	2981
(WY)	1998	2001	1999	2002	2002	2002	1999	1997	2002	2002	2001	2001
MIN	2298	2121	2021	2060	2232	1254	1313	2055	2110	2186	2216	2412
(WY)	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	1998	2002

SAVANNAH RIVER BASIN

02196485 AUGUSTA CANAL NEAR AUGUSTA, GA--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1997 - 2003	
ANNUAL MEAN					2516	
HIGHEST ANNUAL MEAN					2665	2002
LOWEST ANNUAL MEAN					2092	2000
HIGHEST DAILY MEAN	3120	Jul 18	2990	Oct 4	3330	Oct 21 1998
LOWEST DAILY MEAN	1720	Dec 24	1720	Dec 24	1140	Apr 9 2000
ANNUAL SEVEN-DAY MINIMUM	1820	Dec 24	1820	Dec 24	1200	Mar 6 2000
MAXIMUM PEAK STAGE			7.83	Jan 4	8.63	Oct 21 1998
10 PERCENT EXCEEDS					3000	
50 PERCENT EXCEEDS					2580	
90 PERCENT EXCEEDS					1980	



SAVANNAH RIVER BASIN

02197000 SAVANNAH RIVER AT AUGUSTA, GA--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1952 - 2003	
ANNUAL TOTAL	1612810		3674820		9208	
ANNUAL MEAN	4419		10070		16580	
HIGHEST ANNUAL MEAN					4470	
LOWEST ANNUAL MEAN					84500	
HIGHEST DAILY MEAN	9430	Dec 26	29700	May 24	1770	Apr 10 1964
LOWEST DAILY MEAN	3730	Sep 12	3470	Sep 9	2090	Oct 18 1951
ANNUAL SEVEN-DAY MINIMUM	3840	Oct 24	3840	Oct 24	87100	Oct 20 1951
MAXIMUM PEAK FLOW			31600	May 24	24.16	Apr 9 1964
MAXIMUM PEAK STAGE			20.42	May 24	1.23	Apr 9 1964
ANNUAL RUNOFF (CFSM)	0.59		1.34		16.66	
ANNUAL RUNOFF (INCHES)	7.99		18.21			
10 PERCENT EXCEEDS	4950		23100		17700	
50 PERCENT EXCEEDS	4270		6980		6830	
90 PERCENT EXCEEDS	3920		3930		4660	

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	42170	21250	27390	40950	39560	52440	58700	20670	22700	19480	35030	47850
(WY)	1930	1949	1933	1936	1903	1929	1936	1929	1900	1906	1887	1888
MIN	2079	2614	4263	5137	4812	6298	5298	3427	3258	2811	1706	1453
(WY)	1905	1932	1884	1890	1938	1898	1896	1927	1925	1883	1925	1925

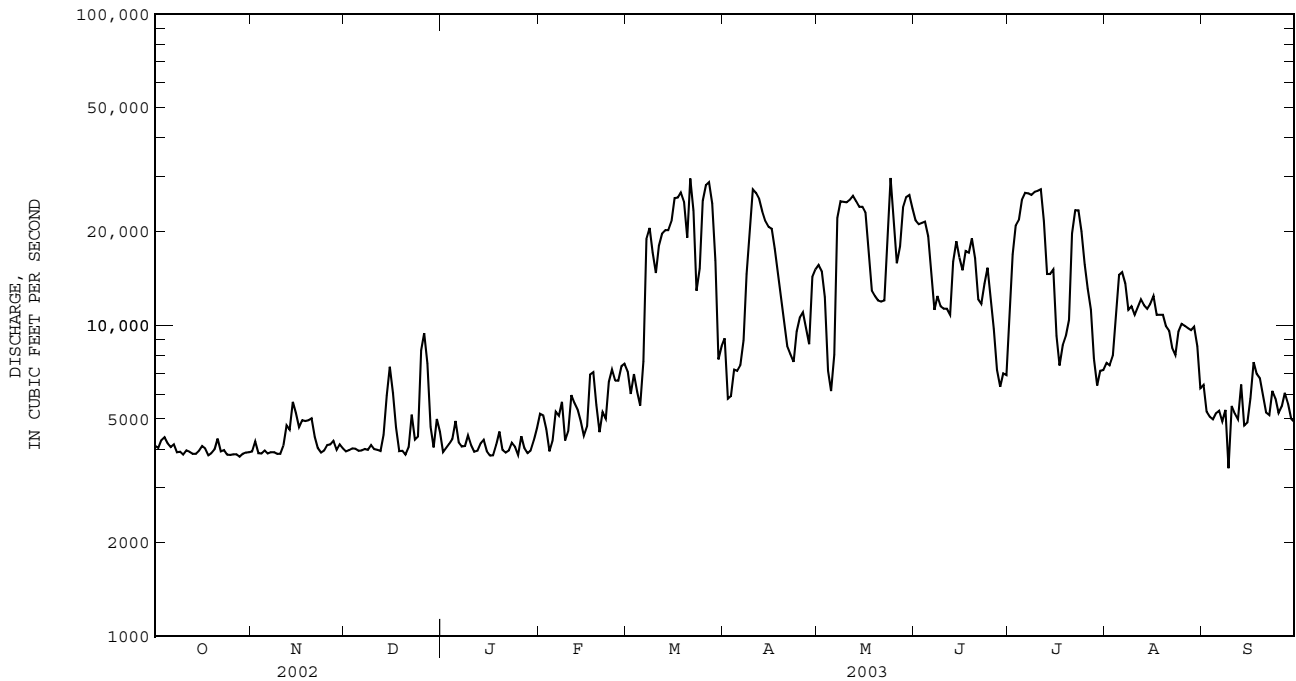
SUMMARY STATISTICS WATER YEARS 1883-1951

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	a350000
INSTANTANEOUS PEAK STAGE	b46.30
INSTANTANEOUS LOW FLOW	c648
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.



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 poor. Flow regulated by Savannah River Site operations.

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	0.03	0.03	0.14	0.26	0.09	0.66	0.38	0.60	0.67	e2.5	0.97	0.38
2	0.03	0.03	0.17	0.24	0.11	1.2	0.35	0.75	0.64	3.0	0.89	0.32
3	0.03	0.03	0.16	0.21	0.11	0.32	0.35	0.78	0.65	3.5	1.2	0.30
4	0.03	0.04	0.13	0.18	0.14	0.26	0.31	0.65	0.65	4.6	1.0	0.31
5	0.03	0.07	0.22	0.18	0.07	0.26	0.34	0.61	0.62	1.7	0.84	0.37
6	0.03	0.11	0.13	0.16	0.14	0.57	0.34	0.86	e3.8	1.5	0.85	0.44
7	0.03	0.05	0.13	0.13	0.33	0.92	e4.1	0.70	e4.2	1.5	e1.9	0.29
8	0.14	0.05	0.13	0.13	0.09	0.39	1.2	0.61	6.2	1.4	1.6	0.30
9	0.03	0.05	0.15	0.13	0.08	0.33	2.6	0.57	2.4	1.1	1.0	0.26
10	0.03	0.05	0.09	0.13	0.27	0.30	2.9	0.62	1.5	1.1	1.0	0.23
11	0.07	1.2	0.19	0.13	0.09	0.28	0.74	0.52	2.3	1.3	0.89	0.20
12	0.03	0.77	0.09	0.13	0.10	0.24	0.46	0.52	1.7	1.2	0.80	0.18
13	0.14	0.18	2.2	0.14	0.08	0.34	0.34	0.40	2.3	1.3	0.75	0.18
14	0.03	0.08	0.25	0.12	0.06	0.27	0.41	0.46	2.1	0.97	0.65	0.18
15	0.20	0.11	0.19	0.10	0.05	2.2	0.41	0.89	1.8	0.97	0.63	0.18
16	0.17	1.1	0.18	0.12	e2.4	0.47	0.40	0.75	1.5	0.98	0.69	0.17
17	0.03	0.43	0.15	0.10	0.84	1.8	0.35	1.3	1.3	0.91	0.62	0.13
18	0.03	0.35	0.17	0.07	0.22	0.73	0.60	e2.1	e2.4	0.83	0.57	0.13
19	0.01	0.28	0.19	0.07	0.16	0.49	0.44	1.4	2.0	0.90	0.75	0.12
20	0.01	0.13	0.37	0.18	0.13	e3.3	0.43	0.78	1.4	0.90	0.63	0.10
21	0.05	0.13	0.18	0.06	0.16	0.81	0.40	0.71	1.2	0.85	0.59	0.10
22	0.01	0.13	0.18	0.35	e1.5	0.58	0.40	e3.9	1.1	e2.8	0.55	0.46
23	0.06	0.13	0.18	0.10	0.30	0.51	0.52	2.7	1.0	2.3	0.53	0.55
24	0.03	0.13	2.0	0.08	0.26	0.49	0.40	1.3	0.97	1.5	0.68	0.41
25	0.04	0.13	0.32	0.06	0.20	0.47	e2.7	0.96	0.91	1.1	0.49	0.39
26	0.03	0.13	0.25	0.05	0.21	0.45	0.88	0.88	0.91	2.1	0.41	0.37
27	0.03	0.13	0.25	0.05	0.68	0.46	0.65	0.82	0.82	1.8	0.40	0.35
28	0.59	0.13	0.23	0.05	0.28	0.43	0.59	0.83	1.1	1.5	0.34	0.32
29	0.14	0.13	0.23	0.04	---	0.42	0.59	0.75	1.1	1.2	0.31	0.31
30	0.05	0.13	0.18	0.66	---	0.50	0.58	0.74	0.96	0.98	0.30	0.29
31	0.05	---	0.20	0.10	---	0.38	---	0.67	---	0.99	0.25	---
TOTAL	2.21	6.44	9.63	4.51	9.15	20.83	25.16	30.13	50.20	49.28	23.08	8.32
MEAN	0.071	0.21	0.31	0.15	0.33	0.67	0.84	0.97	1.67	1.59	0.74	0.28
MAX	0.59	1.2	2.2	0.66	2.4	3.3	4.1	3.9	6.2	4.6	1.9	0.55
MIN	0.01	0.03	0.09	0.04	0.05	0.24	0.31	0.40	0.62	0.83	0.25	0.10

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 2003, BY WATER YEAR (WY)

	2.09	2.09	2.01	2.27	2.21	2.30	2.00	1.80	1.95	2.13	2.04	1.95
MEAN	2.09	2.09	2.01	2.27	2.21	2.30	2.00	1.80	1.95	2.13	2.04	1.95
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	0.071	0.13	0.063	0.061	0.11	0.15	0.16	0.076	0.055	0.075	0.055	0.056
(WY)	2003	2000	2002	2002	2002	2002	2000	2002	2002	2001	2001	2002

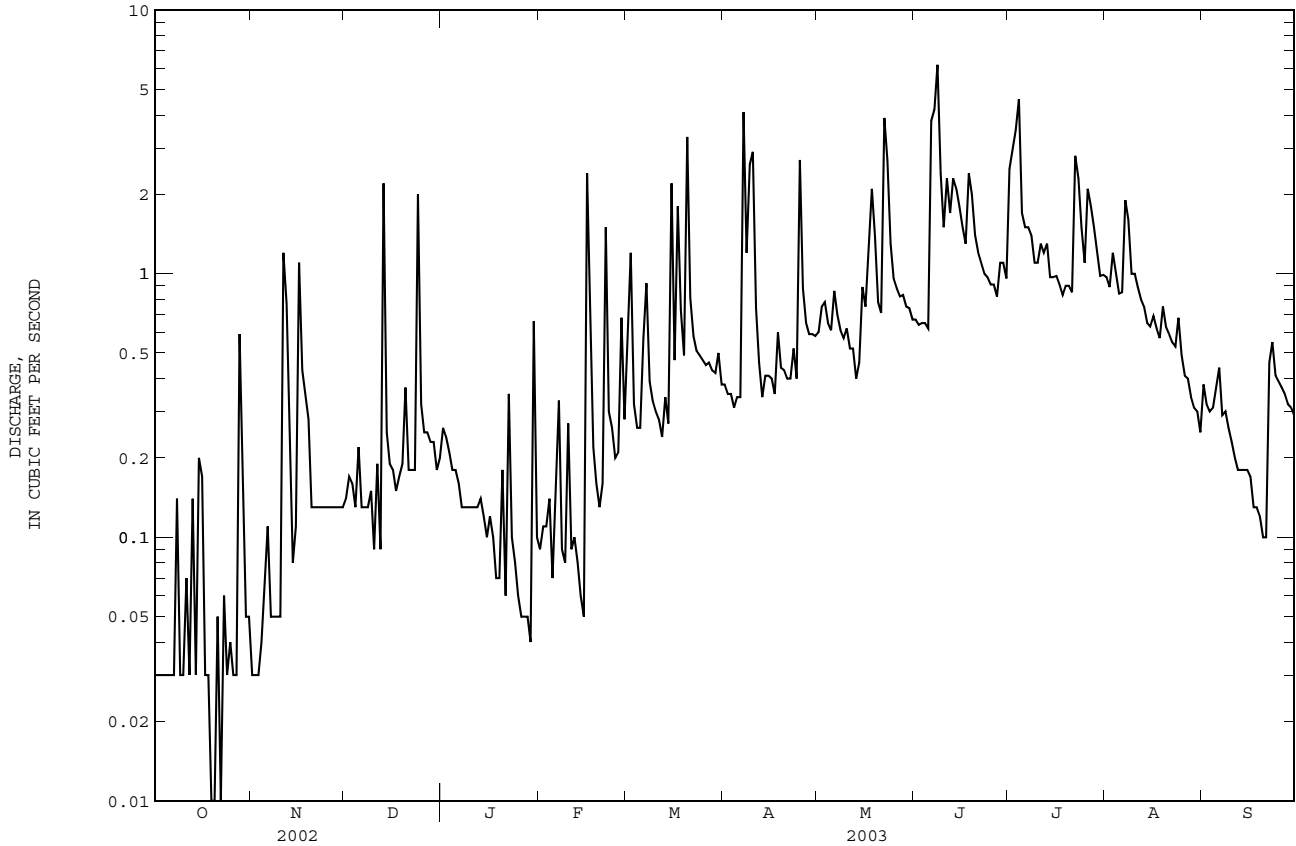
SAVANNAH RIVER BASIN

02197323 D-006 AT SAVANNAH RIVER SITE, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR	FOR 2003 WATER YEAR	WATER YEARS 1984 - 2003	
ANNUAL TOTAL	47.65	238.94		
ANNUAL MEAN	0.13	0.65	2.06	
HIGHEST ANNUAL MEAN			3.82	1993
LOWEST ANNUAL MEAN			0.11	2002
HIGHEST DAILY MEAN	2.2 Dec 13	6.2 Jun 8	e 18	Mar 8 1998
LOWEST DAILY MEAN	0.00 May 25	0.01 Oct 19	0.00 a	Jan 10 2001
ANNUAL SEVEN-DAY MINIMUM	0.00 May 25	0.03 Oct 17	0.00	Aug 2 2001
MAXIMUM PEAK FLOW		Unknown Jun 6	Unknown	Sep 22 2000
MAXIMUM PEAK STAGE		4.32 Jun 6	5.62	Sep 22 2000
10 PERCENT EXCEEDS	0.28	1.5	3.2	
50 PERCENT EXCEEDS	0.05	0.37	2.2	
90 PERCENT EXCEEDS	0.01	0.06	0.13	

a Also occurred several days in May and June, 2002.

e Estimated



SAVANNAH RIVER BASIN

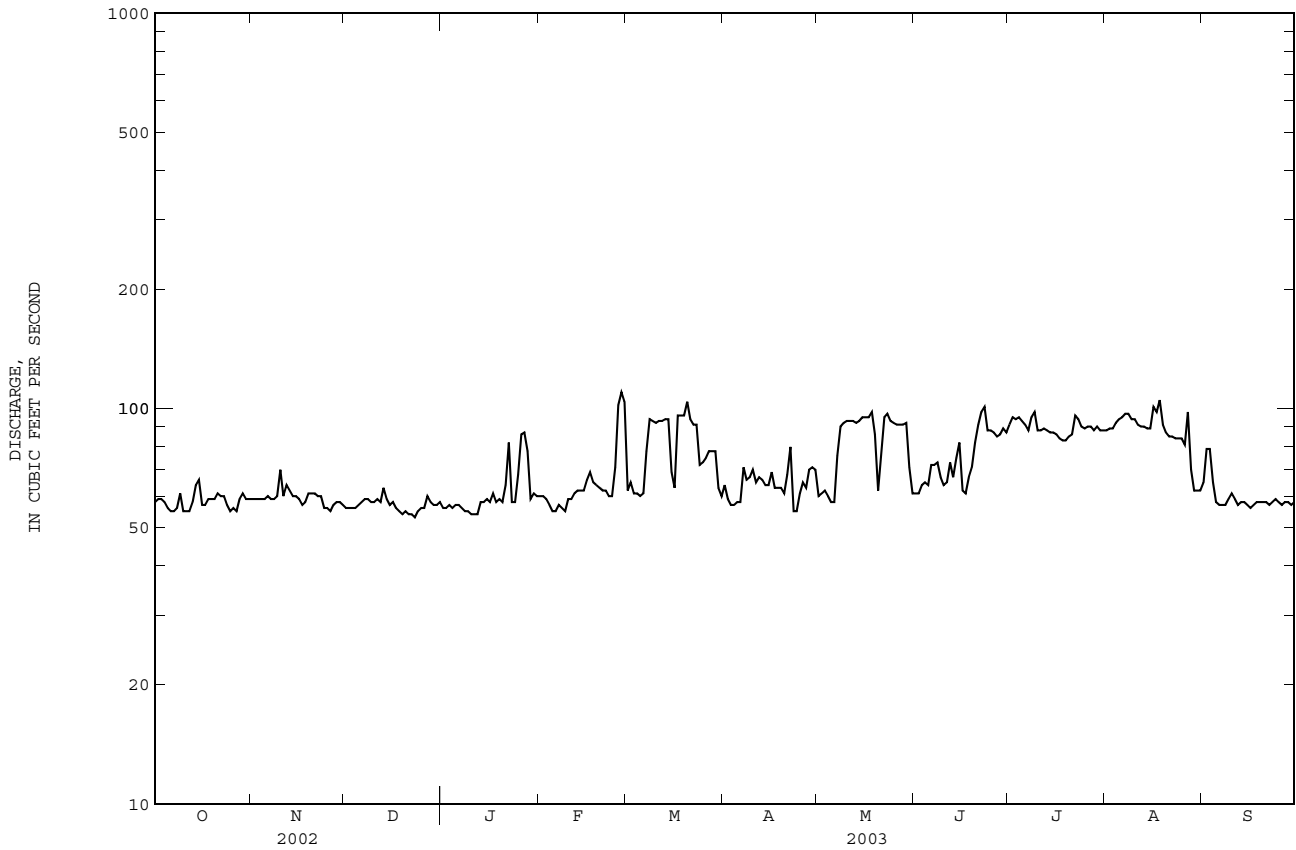
02197326 BEAVERDAM CREEK AT 400-D AT SAVANNAH RIVER SITE, SC--Continued

SUMMARY STATISTICS	FOR 2003 WATER YEAR		WATER YEARS 1974 - 2003	
ANNUAL TOTAL	25610			
ANNUAL MEAN	70.2		81.4	
HIGHEST ANNUAL MEAN			98.2	1998
LOWEST ANNUAL MEAN			66.6	1989
HIGHEST DAILY MEAN	110	Feb 27	135	Feb 4 1998
LOWEST DAILY MEAN	53	Dec 23	e 1.0 a	Oct 22 1999
ANNUAL SEVEN-DAY MINIMUM	54	Dec 18	1.1	Oct 18 1999
MAXIMUM PEAK FLOW	134	Mar 20	b 226	Sep 22 2000
MAXIMUM PEAK STAGE	4.05	Mar 20	b 4.05	Mar 20 2003
ANNUAL RUNOFF (CFSM)	96.1		112	
ANNUAL RUNOFF (INCHES)	1305.06		1515.79	
10 PERCENT EXCEEDS	93		101	
50 PERCENT EXCEEDS	62		83	
90 PERCENT EXCEEDS	56		61	

a Also occurred Oct. 23, 24, 1999.

b At datum then in use.

e Estimated



SAVANNAH RIVER BASIN

02197500 SAVANNAH RIVER AT BURTONS FERRY BRIDGE NEAR MILLHAVEN, GA

LOCATION.--Lat 32°56'20'', long 81°30'10'', Screven County (GA) - Allendale County (SC), Georgia-South Carolina State line, Hydrologic Unit 03060106, on right bank 500 ft downstream from U.S. Highway 301 bridge, 2.0 mi downstream from Rocky Creek, 9.0 mi east of Millhaven, and at mile 118.7.

DRAINAGE AREA.--8,650 mi², approximately.

PERIOD OF RECORD.--October 1939 to September 1970, October 1982 to September 2003 (discontinued).

GAGE.--Data collection platform. Datum of gage is 52.42 ft above NGVD of 1929.

REMARKS.--No estimated daily discharges. Records good. Flow regulated by Thurmond Lake (see 02194500).

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in October 1929 reached a stage of 30.8 ft, from information by U.S. Army Corps of Engineers, discharge, 220,000 ft³/s, from rating curve extended above 141,000 ft³/s.

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	4530	4710	4710	6180	5540	8570	20700	14000	23200	9100	11000	9620
2	4430	4690	4630	5500	5980	8830	17000	14900	24400	12000	10200	8690
3	4370	4830	4570	5330	6200	8260	12500	15500	24900	15100	10000	8060
4	4420	4760	4620	5390	5750	8190	8100	15800	24700	16500	10200	7160
5	4630	4640	4650	5480	5320	7980	7890	15000	24000	17500	11400	7020
6	4600	4690	4630	5850	5120	7010	7980	11500	23600	18700	13400	7030
7	4470	4690	4630	5610	5820	7770	8010	9630	23600	20100	14900	7230
8	4470	4660	4660	5340	6020	12000	9750	12900	23400	22000	15500	6940
9	4490	4670	4620	5240	6480	14300	12900	15000	22200	24300	15800	7080
10	4390	4660	4700	5350	5920	15500	15300	16300	20400	26100	15700	6280
11	4360	4640	4730	5380	5520	16500	17200	18000	18600	27000	15500	6570
12	4420	5010	4680	5110	6060	17200	19400	20100	17000	27500	15300	6790
13	4480	5700	4740	5030	6490	17800	22400	22100	16100	27900	15200	6620
14	4460	6140	5140	5100	6390	18500	25500	23700	15900	27800	15200	7170
15	4440	6410	6350	5290	6090	19700	26700	24900	16500	26000	14900	6940
16	4540	6550	8410	5110	5520	21800	26300	25500	17300	23400	14800	6440
17	4740	6140	7960	4930	5780	23100	25200	25600	18000	21200	14800	6910
18	4800	6200	6730	4850	7110	24200	24300	25400	18500	18400	14900	8150
19	4660	6180	5680	4900	8250	25400	23500	24700	19100	15600	14800	8390
20	4570	6040	5420	5390	7310	27200	22300	23000	19600	13700	14400	8150
21	4630	5930	5350	5140	6110	29100	20500	20900	20200	13100	13900	7430
22	4880	5640	5320	5000	6020	28300	17900	19200	20400	14000	13100	6830
23	4830	5070	5960	5050	6390	27100	15000	18100	19800	15600	12300	6590
24	4730	4760	5850	5090	6960	26700	11800	17500	18500	17200	10900	7160
25	4650	4660	5950	5240	7970	24800	11100	17700	17600	19100	11400	7190
26	4600	4710	7950	4940	7830	22300	12200	18600	17000	21300	12100	6760
27	4610	4770	10200	4960	7540	21100	13100	20400	16000	22600	12600	6660
28	4640	4880	9790	5250	8250	21100	13100	21900	13600	22100	12500	7010
29	4660	4770	7560	4910	---	22300	12000	21900	10100	20100	12300	7020
30	4680	4720	5900	4870	---	24100	12600	21700	9090	16700	12100	6460
31	4700	---	5820	5130	---	23900	---	22000	---	13200	11700	---
TOTAL	141880	155920	181910	161940	179740	580610	492230	593430	573290	604900	412800	216350
MEAN	4577	5197	5868	5224	6419	18730	16410	19140	19110	19510	13320	7212
MAX	4880	6550	10200	6180	8250	29100	26700	25600	24900	27900	15800	9620
MIN	4360	4640	4570	4850	5120	7010	7890	9630	9090	9100	10000	6280
CFSM	0.53	0.60	0.68	0.60	0.74	2.17	1.90	2.21	2.21	2.26	1.54	0.83
IN.	0.61	0.67	0.78	0.70	0.77	2.50	2.12	2.55	2.47	2.60	1.78	0.93

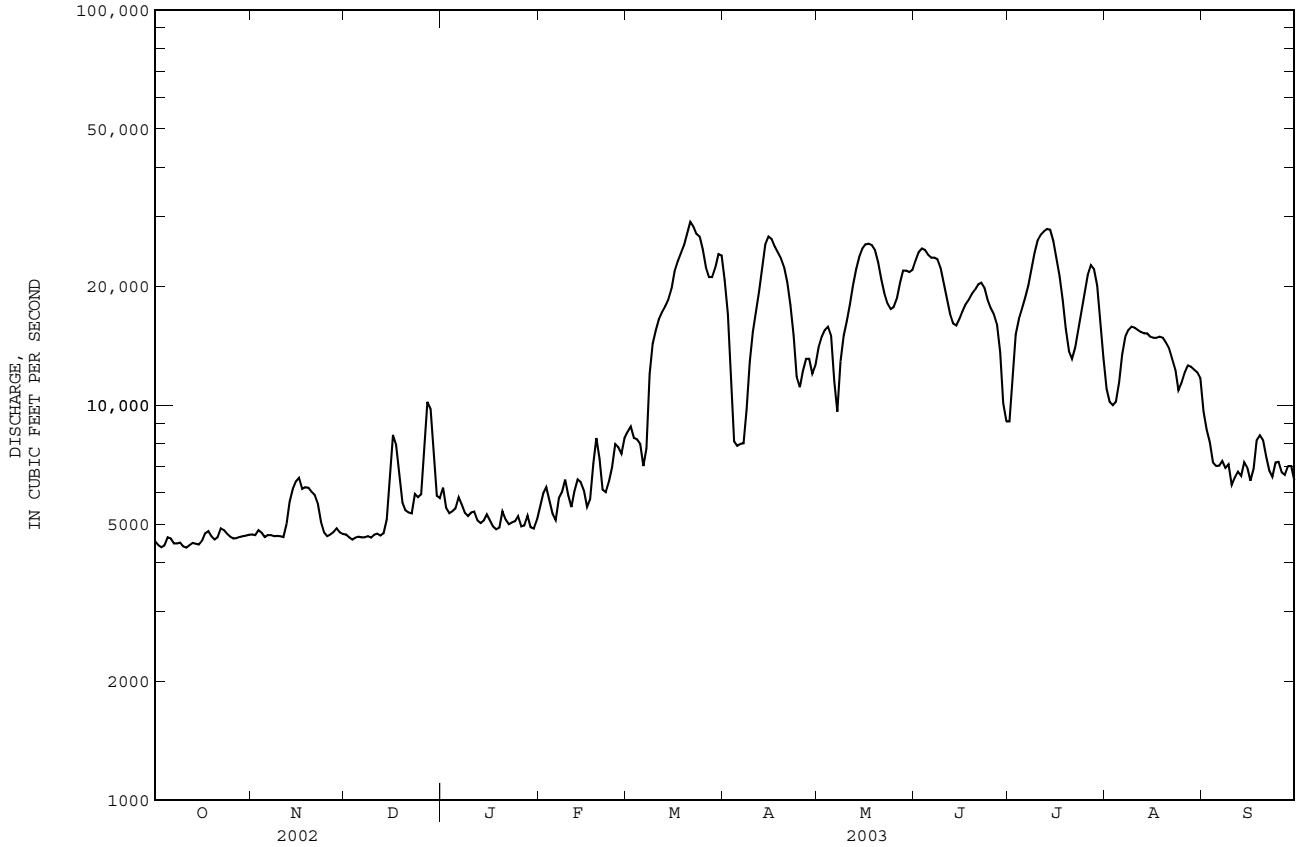
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 2003, BY WATER YEAR (WY)

MEAN	7381	7591	9670	12130	13600	16190	14200	10490	8144	8163	8346	7547
MAX	20150	22070	32410	35290	33880	33880	46240	29980	19110	19510	28040	20010
(WY)	1965	1948	1949	1993	1998	1944	1964	1964	2003	2003	1940	1964
MIN	2984	3284	4677	5067	5785	5687	4849	4192	4700	4178	4147	3597
(WY)	1942	1942	1953	1956	1989	2002	2000	1941	2002	1952	1951	1941

SAVANNAH RIVER BASIN

02197500 SAVANNAH RIVER AT BURTONS FERRY BRIDGE NEAR MILLHAVEN, GA--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1940 - 2003	
ANNUAL TOTAL	1886300		4295000		10270	
ANNUAL MEAN	5168		11770		18320	
HIGHEST ANNUAL MEAN					1964	
LOWEST ANNUAL MEAN					2002	
HIGHEST DAILY MEAN	10200	Dec 27	29100	Mar 21	138000	Aug 18 1940
LOWEST DAILY MEAN	3920	Sep 14	4360	Oct 11	2120	Sep 9 1951
ANNUAL SEVEN-DAY MINIMUM	4040	Sep 8	4430	Oct 9	2490	Sep 9 1951
MAXIMUM PEAK FLOW			29300	Mar 21	141000	Aug 18 1940
MAXIMUM PEAK STAGE			17.34	Mar 21	27.00	Aug 18 1940
ANNUAL RUNOFF (CFSM)	0.60		1.36		1.19	
ANNUAL RUNOFF (INCHES)	8.11		18.47		16.14	
10 PERCENT EXCEEDS	5950		23400		19600	
50 PERCENT EXCEEDS	4890		8250		7570	
90 PERCENT EXCEEDS	4540		4660		4950	



SAVANNAH RIVER BASIN

02198500 SAVANNAH RIVER NEAR CLYO, GA

LOCATION.--Lat 32°31'41'', long 81°16'08'', Effingham County (GA) - Jasper County (SC), Hydrologic Unit 03060109, at Georgia-South Carolina State line, on downstream side of State Highway 119 bridge, 3.0 mi north of Clys, and at mile 61.4.

DRAINAGE AREA.--9,850 mi², approximately.

PERIOD OF RECORD.--October 1929 to September 1933, October 1937 to current year. Gage-height records collected at same site 1921-43 by National Weather Service (unpublished prior to 1933).

REVISED RECORDS.--WSP 1112: 1940.

GAGE.--Data collection platform. Datum of gage is 13.39 ft above NGVD of 1929. Prior to July 26, 2000, at site 2,100 ft downstream at same datum. Prior to Jan. 31, 1933, nonrecording gage at same site and at datum 4.00 ft higher. Jan. 31, 1933, to June 12, 1945, nonrecording gage at same site and datum.

REMARKS.--Records good except for estimated daily discharges, which are poor. Flow regulated by Thurmond Lake (sta 02194500), and by other powerplants above station.

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	5410	4910	5350	7420	5870	10300	25900	15100	23300	15900	22400	13000
2	5320	4940	5300	7560	6270	10800	26700	15000	23600	13800	20500	12400
3	5120	4910	5200	7190	6740	11200	26500	15100	23600	13200	17700	11100
4	4960	5000	5090	7000	7060	11300	e25000	15400	24200	13700	15400	9840
5	4910	5010	5110	6910	6840	11200	e19000	15800	e25300	14600	14100	8780
6	5030	4940	5130	6850	6430	e11200	e15000	16200	e25700	15500	13400	8730
7	5050	4950	5120	7040	6160	e9990	e12700	16400	e26100	16500	13500	8780
8	4980	4930	5090	6920	6580	e9700	11600	e16100	e26400	17400	14000	9090
9	4910	4890	5110	6580	7020	e11300	11400	e15100	e26700	18200	14800	8890
10	4900	4950	5140	6370	7480	e13100	12600	e15200	26300	19200	15400	8680
11	4830	4970	5270	6380	7330	14000	13800	e15300	25700	21100	16000	8080
12	4780	5010	5400	6430	6790	14700	14900	e15400	24800	24000	16300	7680
13	4790	5210	5530	6230	7000	15400	16400	15900	23500	27000	16400	7760
14	4840	5740	5660	6060	7520	16100	18400	16800	22500	29000	16300	7590
15	4810	6270	6030	6040	7560	17000	21700	18000	21700	30100	16100	7760
16	4790	6610	6960	6170	7370	18000	26100	20000	20800	30600	16100	7780
17	4800	6920	8510	6050	6960	19300	29900	23000	20200	30100	16700	7270
18	4920	6720	8910	5870	6950	21700	31900	26300	20000	28600	16700	7340
19	5010	6690	8130	5710	7930	24800	31700	28000	20400	26200	16500	8100
20	4930	6770	7060	5710	9150	28200	30500	28300	20800	24000	16400	8590
21	4830	6780	6520	6040	9180	31200	29200	27900	20900	21300	16100	8580
22	4830	6790	6340	6040	8230	34300	27900	27300	20700	18800	15800	8140
23	4970	6660	6320	5870	7730	37800	26500	26600	20900	16800	15500	7590
24	5050	6170	6890	5860	7870	39600	24600	25000	21100	15800	15000	7190
25	4950	5720	7230	5900	8300	38900	22600	23300	21300	15500	14500	7420
26	4890	5500	7280	6010	9330	37100	20300	22100	21100	15600	13800	7620
27	4830	5450	8450	5860	9940	35200	18100	21300	20400	16200	13300	7370
28	4840	5470	10300	5790	9940	33000	16800	20800	19600	17400	13100	7140
29	4900	5540	11100	6020	---	30200	16000	20500	19300	19500	13200	7290
30	4890	5480	10000	5860	---	27600	15500	21000	18100	22000	13200	7400
31	4880	---	8160	5730	---	26100	---	22300	---	23000	13100	---
TOTAL	152950	169900	207690	195470	211530	670290	639200	620500	675000	630600	481300	252980
MEAN	4934	5663	6700	6305	7555	21620	21310	20020	22500	20340	15530	8433
MAX	5410	6920	11100	7560	9940	39600	31900	28300	26700	30600	22400	13000
MIN	4780	4890	5090	5710	5870	9700	11400	15000	18100	13200	13100	7140
CFSM	0.50	0.57	0.68	0.64	0.77	2.20	2.16	2.03	2.28	2.07	1.58	0.86
IN.	0.58	0.64	0.78	0.74	0.80	2.53	2.41	2.34	2.55	2.38	1.82	0.96

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 2003, BY WATER YEAR (WY)

MEAN	9060	8634	11040	13980	15730	18280	17080	11700	9608	8862	9030	8112
MAX	83660	26510	39150	43930	42490	39350	55680	33890	27770	21260	32850	23520
(WY)	1930	1948	1949	1993	1998	1998	1964	1964	1973	1941	1940	1964
MIN	2772	3233	5122	5619	6027	6070	5698	4873	4825	4635	4661	3098
(WY)	1932	1932	1940	2002	2002	2002	2000	1941	2002	1952	2002	1931

SAVANNAH RIVER BASIN

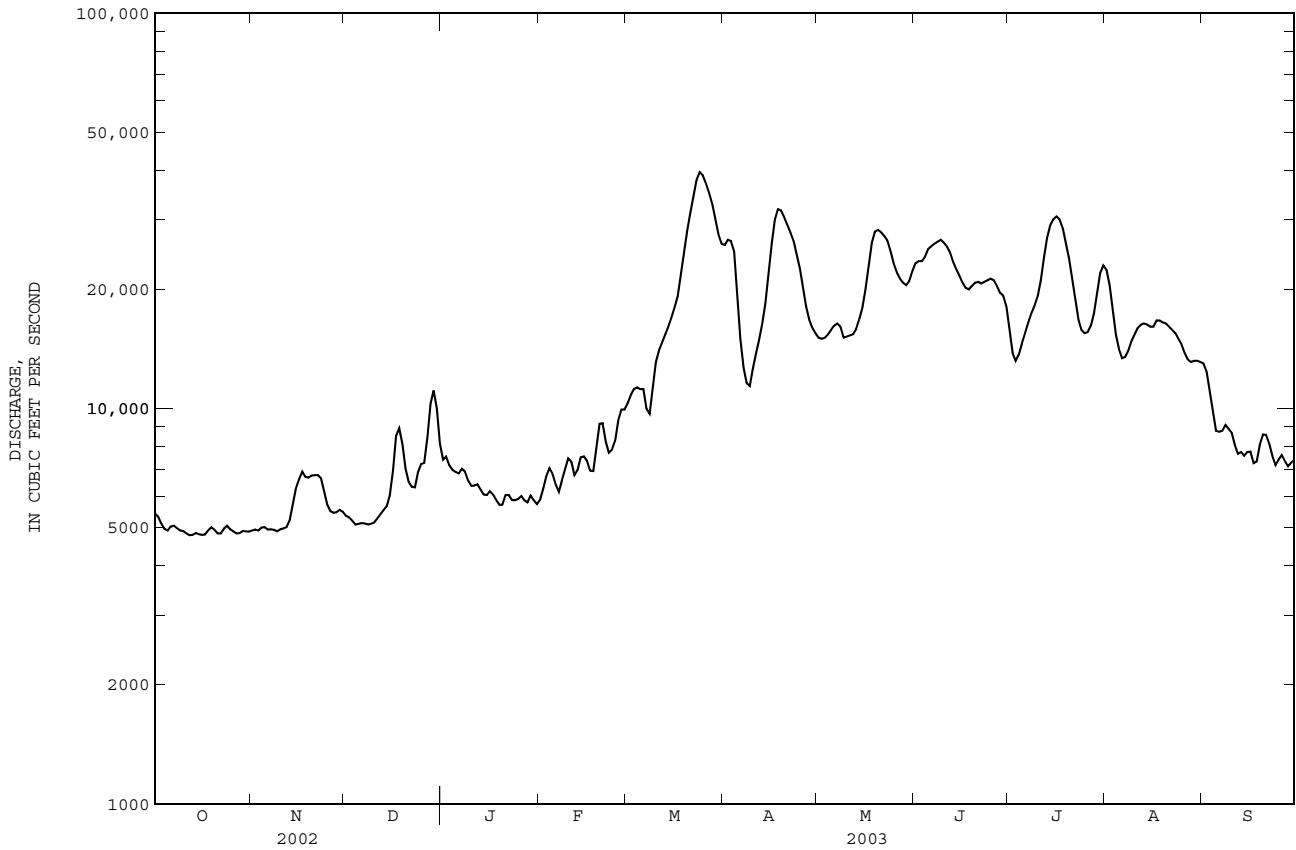
02198500 SAVANNAH RIVER NEAR CLYO, GA--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1930 - 2003	
ANNUAL TOTAL	1989460		4907410		11740	
ANNUAL MEAN	5451		13440		20900	
HIGHEST ANNUAL MEAN					1964	
LOWEST ANNUAL MEAN					2002	
HIGHEST DAILY MEAN	11100	Dec 29	39600	Mar 24	e 203000	a Oct 2 1929
LOWEST DAILY MEAN	4320	Aug 25	4780	Oct 12	1950	Sep 27 1931
ANNUAL SEVEN-DAY MINIMUM	4510	Aug 23	4810	Oct 11	2470	Sep 23 1931
MAXIMUM PEAK FLOW			39900		b 270000	
MAXIMUM PEAK STAGE			16.75		b 29.70	
ANNUAL RUNOFF (CFSM)	0.55		1.36		1.19	
ANNUAL RUNOFF (INCHES)	7.51		18.53		16.19	
10 PERCENT EXCEEDS	6480		26100		21600	
50 PERCENT EXCEEDS	5200		11100		8740	
90 PERCENT EXCEEDS	4700		5010		5550	

a Also occurred Oct. 3-10, 1929, which are estimates.

b 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

623

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, 13.36 ft, Mar. 25; minimum gage height, 2.48 ft, Jan. 20.

Gage height, feet
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	5.81	3.18	4.57	5.69	2.84	4.43	5.41	2.85	4.16	6.82	4.65	5.67
2	5.81	3.15	4.55	5.82	2.96	4.54	5.84	2.99	4.45	6.46	4.35	5.36
3	5.82	2.98	4.48	5.91	3.05	4.61	5.81	3.02	4.42	6.15	4.10	5.08
4	5.93	2.88	4.49	5.94	3.01	4.60	6.36	3.03	4.83	6.12	3.84	4.91
5	5.94	2.93	4.55	6.13	3.07	4.76	6.09	3.18	4.71	6.17	3.93	5.03
6	6.05	3.08	4.64	5.89	2.83	4.37	5.84	2.95	4.43	5.80	3.78	4.72
7	6.06	3.29	4.82	5.83	2.60	4.21	5.72	2.93	4.30	5.59	3.61	4.47
8	6.16	3.20	4.86	5.76	2.84	4.35	5.44	2.76	4.05	5.15	3.63	4.33
9	6.15	3.15	4.83	5.66	2.84	4.30	5.51	2.74	4.12	4.90	3.35	4.08
10	6.21	3.11	4.94	5.38	2.75	4.11	5.72	3.15	4.46	4.76	3.04	3.85
11	5.83	3.25	4.71	5.09	2.70	3.87	5.42	2.95	4.28	4.74	3.03	3.88
12	5.73	2.92	4.44	4.84	2.89	3.85	4.91	2.88	3.84	4.89	3.17	3.99
13	5.62	2.80	4.34	5.13	2.86	3.87	5.31	2.84	4.12	5.28	3.21	4.05
14	5.89	3.00	4.60	5.49	3.18	4.48	5.06	2.89	3.64	5.14	2.92	3.89
15	6.07	3.56	5.00	5.96	3.77	5.05	5.13	2.73	3.95	4.98	2.80	3.81
16	5.69	3.07	4.64	6.18	4.21	5.28	5.33	3.19	4.28	5.52	2.87	4.15
17	5.55	2.86	4.40	6.35	4.53	5.30	6.28	4.00	5.27	5.21	3.00	3.96
18	5.59	2.90	4.35	6.04	4.46	5.18	6.94	5.18	6.08	5.56	2.83	4.13
19	5.57	3.05	4.47	6.29	4.45	5.32	6.88	5.18	6.01	5.11	2.63	3.80
20	5.57	2.96	4.37	6.45	4.50	5.44	6.32	4.15	5.23	4.87	2.48	3.56
21	5.52	2.82	4.23	6.51	4.55	5.52	5.57	3.48	4.37	5.22	2.68	3.84
22	5.44	2.75	4.16	6.27	4.49	5.27	5.51	3.23	4.22	5.67	3.07	4.31
23	5.54	2.76	4.26	6.02	4.27	4.99	5.43	3.06	4.13	5.49	2.88	4.08
24	5.67	2.93	4.37	5.78	3.94	4.75	6.15	3.31	4.72	5.06	2.68	3.76
25	5.64	2.88	4.31	5.54	3.51	4.41	5.61	3.91	4.62	5.07	2.84	3.90
26	5.41	2.77	4.07	5.50	3.27	4.26	5.99	3.90	4.71	5.41	2.84	4.09
27	5.25	2.55	3.85	5.27	3.06	4.06	6.34	4.22	5.34	5.12	2.88	3.88
28	5.27	2.51	3.88	5.51	3.15	4.28	7.00	5.09	6.17	5.38	2.74	4.05
29	5.28	2.50	3.84	5.57	3.22	4.38	7.38	6.21	6.90	5.53	2.82	4.18
30	5.35	2.63	4.03	5.05	3.03	3.99	7.77	6.63	7.10	5.69	3.03	4.28
31	5.52	2.74	4.23	---	---	---	7.28	5.52	6.42	5.56	2.92	4.20
MONTH	6.21	2.50	4.43	6.51	2.60	4.59	7.77	2.73	4.82	6.82	2.48	4.24

SAVANNAH RIVER BASIN

625

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 2002 TO SEPTEMBER 2003												
DAILY SUM VALUES												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.13	0.00	0.36	0.00	0.00	0.00	1.95	0.00	0.30
2	0.00	0.00	0.00	0.01	0.00	0.10	0.00	0.23	0.00	0.04	0.16	0.05
3	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.01	0.72	0.00
4	0.00	0.12	0.12	0.00	0.34	0.02	0.00	0.00	0.02	0.19	0.02	0.29
5	0.00	0.33	0.13	0.00	0.00	0.05	0.27	0.27	0.00	0.00	0.45	0.00
6	0.00	0.11	0.00	0.00	0.35	0.92	0.37	3.24	1.56	0.00	0.13	0.11
7	0.00	0.00	0.00	0.00	0.08	0.99	1.21	0.06	0.82	0.03	0.27	0.04
8	0.00	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.04	0.00	0.02	0.06
9	0.02	0.00	0.00	0.00	0.00	0.00	0.69	0.00	0.06	0.00	0.00	0.00
10	0.03	0.00	0.14	0.00	0.50	0.00	0.33	0.00	0.00	0.33	2.44	0.00
11	0.25	1.18	0.21	0.00	0.00	0.00	0.04	0.02	0.10	0.34	0.01	0.00
12	0.00	1.21	0.00	0.00	0.00	0.00	0.00	0.00	0.68	0.00	0.18	0.00
13	0.21	0.01	1.38	0.00	0.00	0.65	0.00	0.00	0.04	0.76	0.02	0.00
14	0.06	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.37	0.03	0.02	0.00
15	0.36	0.00	0.00	0.00	0.00	0.99	0.00	0.20	0.00	0.00	0.01	0.00
16	0.02	1.04	0.00	0.17	0.80	0.01	0.00	0.27	0.33	0.00	0.45	0.00
17	0.02	0.21	0.00	0.01	0.06	0.75	0.34	0.09	0.63	2.44	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.06	0.25	0.26	1.49	0.23	0.00	0.00
19	0.00	0.00	0.01	0.00	0.00	0.23	0.00	0.00	0.05	0.29	0.00	0.00
20	0.61	0.00	0.61	0.00	0.00	1.79	0.00	0.00	0.00	0.00	0.00	0.00
21	0.01	0.00	0.00	0.11	0.00	0.00	0.26	0.17	0.00	0.06	0.00	0.00
22	0.00	0.00	0.00	0.13	0.69	0.00	0.07	4.40	0.00	0.45	0.00	0.26
23	0.00	0.00	0.00	0.02	0.00	0.00	0.01	0.01	0.02	0.84	0.00	0.34
24	0.03	0.00	1.35	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00
25	0.05	0.00	0.18	0.00	0.00	0.00	0.86	0.00	0.00	0.01	0.00	0.00
26	0.01	0.00	0.00	0.00	0.25	0.00	0.00	0.00	0.00	0.01	0.00	0.00
27	0.00	0.00	0.00	0.00	0.25	0.01	0.00	0.00	0.02	0.06	0.00	0.00
28	0.08	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.13	0.00	0.00	0.00
29	0.96	0.00	0.00	0.27	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	1.23	---	0.64	0.00	0.00	0.08	0.57	0.00	0.00
31	0.00	---	0.51	0.00	---	0.00	---	0.00	---	0.00	0.00	---
TOTAL	2.72	4.25	4.64	2.08	3.32	7.59	5.68	9.22	6.58	8.64	4.90	1.45

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.

DAY	Precipitation, total, inches											
	WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.02	0.00	0.00	0.03	0.05	0.35	0.00	0.00	0.00	0.72	0.94	0.00
2	0.00	0.00	0.00	0.03	0.00	0.11	0.00	0.00	0.00	0.27	0.01	0.11
3	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.01
4	0.00	0.09	0.09	0.00	0.28	0.03	0.00	0.00	0.00	0.00	0.00	0.12
5	0.00	0.17	0.46	0.00	0.00	0.31	0.09	0.00	0.00	0.00	0.05	0.01
6	0.00	0.25	0.00	0.00	0.42	0.94	0.29	1.45	0.01	0.00	0.46	0.06
7	0.16	0.00	0.00	0.00	0.10	0.35	0.96	0.03	0.00	0.00	0.00	0.01
8	0.14	0.00	0.00	0.00	0.00	0.00	0.26	0.00	0.00	0.03	0.48	0.01
9	0.03	0.00	0.00	0.06	0.00	0.00	0.42	0.00	0.01	0.00	0.01	0.00
10	0.30	0.00	0.06	0.00	0.52	0.00	0.33	0.00	0.00	0.18	0.15	0.00
11	0.10	1.24	0.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
12	0.00	1.33	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.01	0.12	0.00
13	0.09	0.04	1.63	0.00	0.00	0.31	0.00	0.00	0.00	1.24	0.01	0.00
14	0.00	0.00	0.01	0.04	0.00	0.03	0.00	0.00	0.04	0.03	0.03	0.00
15	0.61	0.00	0.00	0.00	0.00	0.91	0.00	0.05	0.00	0.00	0.01	0.00
16	0.17	1.00	0.00	0.18	0.89	0.01	0.00	0.05	0.09	0.00	0.03	0.02
17	0.00	0.28	0.00	0.03	---	0.34	0.00	0.01	0.00	0.29	0.01	0.00
18	0.00	0.00	0.00	0.02	---	0.10	0.02	0.01	0.00	0.02	0.01	0.00
19	0.00	0.00	0.00	0.00	0.00	0.21	0.00	0.01	0.00	1.23	0.00	0.00
20	0.39	0.00	0.73	0.00	0.00	0.05	0.00	0.02	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.04	0.03	0.08	0.01	0.00	0.00	0.58	0.00	0.00
22	0.00	0.00	0.00	0.04	0.62	0.04	0.00	0.00	0.00	0.06	0.00	0.20
23	0.00	0.00	0.00	0.04	0.35	0.07	0.00	0.00	0.07	0.82	0.00	0.02
24	0.05	0.00	1.53	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00
25	0.16	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00
26	0.00	0.00	0.01	0.00	0.26	0.00	0.00	0.00	0.00	0.03	0.00	0.00
27	0.00	0.00	0.00	0.00	0.31	0.01	0.13	0.00	0.81	0.84	0.00	0.00
28	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.41	0.00	0.00	0.00
29	0.75	0.00	0.00	0.19	---	0.00	0.00	0.00	0.09	0.00	0.00	0.00
30	0.05	0.07	0.00	1.06	---	0.48	0.00	0.00	0.09	0.17	0.00	0.00
31	0.00	---	0.11	0.03	---	0.00	---	0.00	---	0.01	0.00	---
TOTAL	3.07	4.49	5.30	1.79	---	4.74	2.51	1.63	1.62	6.58	2.36	0.57

SANTEE RIVER BASIN

627

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 Store 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 2002 TO SEPTEMBER 2003
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	0.00	0.00	0.14	0.00	0.46	0.00	0.05	0.00	2.15	0.79	0.23
2	---	0.00	0.00	0.03	0.00	0.02	0.00	0.00	0.00	0.34	0.01	1.40
3	---	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.35	0.00
4	---	0.12	0.02	0.00	0.21	0.03	0.00	0.00	0.02	0.01	0.00	0.01
5	---	0.39	0.35	0.00	0.00	0.10	0.18	0.28	0.00	0.00	1.42	0.00
6	---	0.26	0.00	0.00	0.49	2.71	0.14	2.63	1.43	0.00	0.07	0.12
7	---	0.00	0.00	0.00	0.13	0.85	1.67	0.08	0.86	0.00	0.08	0.00
8	---	0.00	0.00	0.00	0.00	0.00	1.07	0.00	0.01	0.00	0.08	0.01
9	0.10	0.00	0.00	0.00	0.00	0.00	0.89	0.00	0.00	0.00	0.00	0.00
10	0.24	0.00	0.18	0.00	1.50	0.00	0.79	0.00	0.00	2.14	0.16	0.00
11	0.22	0.76	0.47	0.00	0.00	0.00	0.09	0.07	0.00	0.22	0.00	0.00
12	0.00	1.42	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	1.74	0.00
13	0.09	0.00	1.43	0.00	0.00	1.44	0.00	0.00	0.00	0.30	0.00	0.00
14	0.05	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.27	0.01	1.23	0.00
15	0.49	0.00	0.00	0.00	0.00	1.86	0.00	0.14	0.00	0.00	0.00	0.00
16	0.06	1.22	0.00	0.17	0.83	0.01	0.00	0.20	---	0.00	0.25	0.00
17	0.00	0.27	0.00	0.01	0.22	0.64	0.26	0.02	---	0.41	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.05	1.24	0.03	0.61	0.26	0.00	0.00
19	0.00	0.00	0.01	0.00	0.00	0.41	0.00	0.00	0.00	0.32	0.00	0.00
20	0.72	0.00	0.57	0.00	0.00	3.01	0.00	0.00	0.00	0.00	0.00	0.00
21	0.02	0.00	0.00	0.14	0.00	0.00	1.87	0.72	0.00	0.37	0.00	0.00
22	0.00	0.00	0.00	0.01	1.01	0.00	0.00	3.45	0.00	0.48	0.00	0.21
23	0.00	0.00	0.00	0.09	0.03	0.00	0.00	0.04	0.00	0.73	0.00	0.02
24	0.05	0.00	1.91	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
25	0.14	0.00	0.23	0.00	0.00	0.00	0.58	0.00	0.00	0.00	0.00	0.00
26	0.01	0.00	0.00	0.00	0.32	0.00	0.00	0.02	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.45	0.03	0.00	0.08	0.00	0.81	0.00	0.00
28	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.01	0.00	0.00
29	0.69	0.00	0.00	0.31	---	0.00	0.00	0.00	0.00	0.34	0.00	0.00
30	0.01	0.00	0.00	1.10	---	0.71	0.00	0.00	0.02	0.00	1.08	0.00
31	0.00	---	0.15	0.00	---	0.00	---	0.01	---	0.11	0.00	---
TOTAL	---	4.46	5.32	2.00	5.19	12.34	8.78	7.82	---	9.02	7.26	2.00

SANTÉE 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 September 2003.

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 2002 TO SEPTEMBER 2003												
DAILY SUM VALUES												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	0.00	0.00	0.23	0.00	2.79	0.01	0.00
2	---	---	---	---	---	0.00	0.00	0.00	0.00	0.59	0.39	0.00
3	---	---	---	---	---	0.00	0.00	0.00	0.28	0.00	0.70	0.00
4	---	---	---	---	0.28	0.00	0.00	0.00	0.13	0.01	0.00	0.51
5	---	---	---	---	0.00	0.00	0.39	0.23	0.00	0.00	0.01	---
6	---	---	---	---	0.56	0.00	0.21	0.81	1.74	0.00	0.79	---
7	---	---	---	---	0.14	0.00	1.04	0.15	1.24	0.23	0.20	---
8	---	---	---	---	0.00	0.00	0.71	0.00	0.00	0.00	0.00	---
9	---	---	---	---	0.00	0.00	0.40	0.00	0.00	0.00	0.00	---
10	---	---	---	---	0.70	0.00	0.70	0.00	0.00	1.52	0.01	---
11	---	---	---	---	---	0.00	0.03	0.08	0.00	0.81	0.00	---
12	---	---	---	---	0.00	0.00	0.00	0.00	1.06	0.00	0.28	---
13	---	---	---	---	0.00	0.00	0.00	0.00	0.28	1.45	0.01	---
14	---	---	---	---	0.00	0.00	0.00	0.00	0.05	0.01	0.00	---
15	---	---	---	---	0.00	0.00	0.00	0.20	0.00	0.00	0.00	---
16	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.15	---
17	---	---	---	---	0.00	0.00	0.44	0.11	0.00	0.00	0.00	---
18	---	---	---	---	0.00	---	1.84	0.72	0.37	0.96	0.02	---
19	---	---	---	---	0.00	0.88	0.00	0.00	0.00	0.82	0.00	---
20	---	---	---	---	0.00	1.17	0.00	0.00	0.01	0.00	0.00	---
21	---	---	---	---	0.00	0.01	0.81	0.73	0.00	0.16	0.00	---
22	---	---	---	---	0.00	0.00	0.00	2.33	0.00	0.01	0.00	---
23	---	---	---	---	0.00	0.00	0.00	0.10	0.00	0.62	0.00	---
24	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---
25	---	---	---	---	0.00	0.00	0.38	0.11	0.00	0.00	0.00	---
26	---	---	---	---	0.00	0.07	0.01	0.00	0.00	0.00	0.00	---
27	---	---	---	---	0.00	0.01	0.00	0.00	0.00	0.23	0.00	---
28	---	---	---	---	0.00	0.00	0.00	0.00	0.06	0.01	0.00	---
29	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	---
30	---	---	---	---	---	0.93	0.00	0.00	0.01	1.09	0.00	---
31	---	---	---	---	---	0.00	---	0.00	---	0.14	0.00	---
TOTAL	---	---	---	---	---	---	6.96	5.80	5.23	11.45	2.57	---

SANTEE RIVER BASIN

629

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 2002 TO SEPTEMBER 2003
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.16	0.00	0.41	0.00	0.00	0.00	---	0.00	0.00
2	0.00	0.00	0.00	0.04	0.00	0.02	0.00	0.00	0.00	---	0.01	0.05
3	0.00	0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.04	0.00	0.11	0.00
4	0.00	0.05	0.00	0.00	0.21	0.00	0.00	0.00	0.06	0.00	0.00	0.18
5	0.00	0.69	0.61	0.00	0.00	0.27	0.13	0.16	0.00	0.00	0.39	0.00
6	0.00	0.17	0.00	0.00	0.41	3.00	0.00	0.76	0.81	0.00	0.93	0.00
7	0.00	0.00	0.00	0.00	0.17	0.42	---	0.27	1.34	0.02	0.15	0.00
8	0.03	0.00	0.01	0.00	0.00	0.00	---	0.00	0.00	0.02	0.00	0.01
9	0.30	0.00	0.00	0.00	0.00	0.10	---	0.00	0.00	0.00	0.00	0.00
10	0.87	0.01	0.07	0.00	0.60	0.00	0.69	0.00	0.00	1.28	0.04	0.00
11	1.17	0.90	0.45	0.00	0.00	0.00	0.12	0.01	0.00	0.02	0.00	0.00
12	0.00	1.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.20	0.00
13	0.06	0.00	1.14	0.00	0.00	0.04	0.00	0.00	0.00	0.22	0.00	0.00
14	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.05	0.12	0.07	0.00
15	0.68	0.00	0.00	0.00	0.00	0.62	0.00	0.19	0.00	0.00	0.00	0.02
16	0.09	0.92	0.00	0.13	0.69	0.00	0.00	0.00	1.01	0.00	1.80	0.08
17	0.00	0.17	0.00	0.00	0.17	0.82	0.11	0.05	0.04	0.00	0.02	0.00
18	0.00	0.01	0.00	0.00	0.02	0.03	1.97	0.08	0.99	0.12	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.54	0.02	0.00	0.00	---	0.00	0.00
20	0.15	0.00	0.38	0.00	0.00	2.47	0.00	0.00	0.00	---	0.00	0.00
21	0.01	0.00	0.00	0.16	0.00	0.00	0.20	0.45	0.00	---	0.00	0.32
22	0.00	0.00	0.00	0.00	1.38	0.00	0.01	2.07	0.00	0.00	0.00	0.49
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.57	0.00	0.14
24	0.03	0.00	1.85	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
25	0.37	0.00	0.36	0.02	0.00	0.00	0.33	0.25	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.28	0.01	0.03	0.02	0.04	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.48	0.00	0.00	0.00	0.00	0.39	0.00	0.00
28	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00
29	0.75	0.00	0.00	0.25	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	1.42	---	0.84	0.00	0.00	0.00	0.00	0.04	0.00
31	0.00	---	0.04	0.00	---	0.00	---	0.00	---	0.80	0.80	---
TOTAL	4.64	3.95	4.91	2.19	4.42	9.59	---	4.36	4.39	---	4.63	1.29

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 2002 TO SEPTEMBER 2003												
DAILY SUM VALUES												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.15	0.01	0.50	0.00	0.00	0.00	0.42	0.00	0.12
2	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.31	0.00	2.94	0.19	0.00
3	0.00	0.00	0.00	0.18	0.00	0.00	0.00	0.00	0.74	0.00	0.03	0.00
4	0.00	0.05	0.04	0.00	0.19	0.00	0.00	0.01	0.00	0.00	0.68	0.35
5	0.00	0.38	0.23	0.00	0.00	0.06	0.31	0.07	0.00	0.00	0.39	0.00
6	0.00	0.27	0.00	0.00	0.63	3.40	0.01	1.23	0.23	0.06	0.56	0.00
7	0.30	0.00	0.00	0.00	0.16	0.28	0.37	0.05	0.16	0.01	0.01	0.85
8	0.69	0.00	0.00	0.00	0.00	0.00	0.62	0.00	0.12	0.00	2.15	0.17
9	0.15	0.00	0.00	0.00	0.00	0.00	0.98	0.00	0.00	0.00	0.03	0.00
10	0.13	0.00	0.02	0.00	0.59	0.00	1.82	0.00	0.00	0.55	1.22	0.00
11	0.27	0.67	0.45	0.00	0.00	0.00	0.13	0.00	0.00	0.05	0.00	0.00
12	0.00	1.71	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.03	0.03	1.33	0.00	0.00	0.48	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.68	0.21	2.43	0.00
15	0.67	0.00	0.00	0.00	0.00	1.30	0.00	0.21	0.00	0.00	0.00	0.00
16	0.42	0.63	0.00	0.27	1.30	0.19	0.03	0.02	0.11	0.01	0.00	0.00
17	0.00	0.37	0.00	0.00	0.14	0.17	0.00	0.00	0.09	0.32	0.00	0.00
18	0.00	0.00	0.00	0.00	0.08	0.14	0.08	0.00	0.23	0.27	0.01	0.05
19	0.00	0.00	0.06	0.00	0.00	0.17	0.01	0.01	0.02	0.78	0.00	0.00
20	0.00	0.00	0.61	0.00	0.00	1.42	0.00	0.00	0.00	0.00	0.00	0.00
21	0.02	0.00	0.00	0.23	0.01	0.00	0.21	0.00	0.00	0.00	0.02	0.00
22	0.00	0.00	0.00	0.00	1.19	0.00	0.00	1.45	0.00	0.57	0.00	0.21
23	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.24	0.00	0.10	0.00	0.40
24	0.06	0.00	1.20	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.00
25	0.75	0.00	0.04	0.00	0.00	0.00	0.38	0.20	0.00	0.00	0.00	0.00
26	0.01	0.00	0.00	0.00	0.18	0.00	0.05	0.07	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.72	0.00	0.00	0.00	0.27	0.11	0.00	0.00
28	0.62	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.94	0.00	0.00	0.00
29	0.25	0.00	0.00	0.12	---	0.10	0.00	0.05	0.00	0.09	0.00	0.00
30	0.02	0.00	0.00	1.07	---	0.68	0.00	0.00	3.09	0.00	0.00	0.00
31	0.00	---	0.53	0.00	---	0.00	---	0.08	---	0.00	0.00	---
TOTAL	4.39	4.11	4.61	2.04	5.22	8.96	5.00	4.00	6.68	6.49	7.99	2.15

SANTEE RIVER BASIN

631

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 2002 TO SEPTEMBER 2003												
DAILY SUM VALUES												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.75	0.00	0.12	0.00	0.06	0.00	4.03	0.78	0.00
2	0.01	0.00	0.00	0.10	0.00	0.00	0.00	0.06	0.00	0.09	0.01	0.06
3	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.08	0.95	0.00	0.22	0.00
4	0.00	0.07	0.11	0.00	0.38	0.04	0.00	0.01	0.01	0.00	0.03	0.41
5	0.00	1.90	0.15	0.00	0.00	0.51	0.33	0.59	0.00	0.00	0.00	0.00
6	0.00	0.01	0.00	0.00	0.69	0.98	0.79	0.63	0.88	0.04	0.03	0.00
7	0.00	0.00	0.00	0.00	0.09	0.00	0.70	0.21	0.55	0.00	0.94	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.00	0.00	0.00
9	0.00	0.01	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.00
10	0.02	0.04	0.89	0.00	0.41	0.00	0.00	0.00	0.00	0.03	0.16	0.00
11	0.00	1.30	0.09	0.00	0.00	0.00	0.03	0.10	0.41	0.21	0.31	0.00
12	0.00	1.28	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.24	0.00
13	0.00	0.01	1.10	0.00	0.00	0.01	0.00	0.00	0.08	2.09	0.00	0.00
14	0.00	0.01	0.00	0.00	0.09	0.11	0.00	0.00	0.00	0.00	0.06	0.00
15	0.43	0.04	0.00	0.00	0.02	0.64	0.00	0.04	0.00	0.00	0.00	0.01
16	0.00	1.45	0.00	0.00	0.84	0.02	0.00	0.00	0.01	0.00	1.27	0.00
17	0.00	0.15	0.00	0.04	0.05	0.32	0.05	0.71	0.01	0.01	0.12	0.00
18	0.00	0.00	0.00	0.00	0.00	0.39	0.02	0.23	0.14	0.00	0.19	0.00
19	0.00	0.01	0.40	0.00	0.00	1.45	0.00	0.00	0.28	0.00	0.01	0.00
20	0.00	0.01	0.20	0.00	0.02	1.98	0.00	0.00	0.26	0.00	0.00	0.00
21	0.02	0.00	0.01	0.05	0.12	0.00	0.00	0.58	0.00	0.14	0.01	0.00
22	0.00	0.01	0.01	0.00	1.28	0.00	0.00	1.01	0.00	0.30	0.00	1.27
23	0.00	0.00	0.00	0.10	0.00	0.00	0.03	0.00	0.01	0.35	0.00	0.02
24	0.00	0.00	0.41	0.01	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.02	0.00	0.33	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.04	0.00	0.45	0.00	0.01	0.07	0.00	0.03	0.00	0.00
27	0.00	0.00	0.00	0.00	1.80	0.00	0.00	0.10	0.17	0.05	0.00	0.12
28	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00
29	0.18	0.00	0.00	0.48	---	0.00	0.12	0.01	0.00	0.07	0.00	0.00
30	0.03	0.00	0.00	0.84	---	0.50	0.00	0.00	0.35	0.80	0.00	0.00
31	0.00	---	0.37	0.00	---	0.00	---	0.00	---	0.60	0.00	---
TOTAL	0.69	6.31	3.78	2.39	6.26	7.07	2.42	4.52	4.35	8.84	4.62	1.89

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 2002 TO SEPTEMBER 2003												
DAILY SUM VALUES												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	0.35	0.02	0.34	0.00	0.00	0.00	0.36	0.12	0.00
2	---	---	---	0.00	0.00	0.11	0.00	0.17	0.00	1.88	0.34	0.13
3	0.00	---	---	0.09	0.00	0.00	0.00	0.10	0.37	0.00	0.08	0.01
4	0.00	---	---	0.00	0.17	0.00	0.00	0.01	0.01	0.00	3.12	0.33
5	0.00	---	---	0.00	0.00	0.10	0.22	0.05	0.00	0.00	0.92	0.00
6	0.00	---	---	0.00	0.58	2.11	0.01	0.93	0.21	0.00	0.11	0.00
7	0.58	---	---	0.00	0.24	0.03	0.49	0.03	0.21	0.02	0.00	0.07
8	0.15	---	---	0.00	0.00	0.00	0.76	0.00	0.50	0.00	0.04	0.21
9	0.10	---	---	0.00	0.00	0.00	1.22	0.00	0.00	0.00	0.02	0.00
10	0.09	---	---	0.00	0.65	0.00	1.69	0.00	0.00	0.17	0.04	0.00
11	1.01	---	---	0.00	0.00	0.00	0.21	0.00	0.00	0.05	0.01	0.00
12	0.00	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.65	0.00
13	0.68	---	---	0.00	0.00	0.17	0.00	0.00	0.46	1.90	0.00	0.00
14	0.00	---	---	0.00	0.02	0.00	0.00	0.00	0.27	0.01	0.80	0.00
15	0.59	---	---	0.00	0.01	0.91	0.00	1.12	0.00	0.00	0.00	0.00
16	0.25	---	---	0.29	0.79	0.42	0.00	0.01	0.33	0.00	0.00	0.00
17	0.00	---	---	0.03	0.03	0.13	0.00	0.00	2.38	0.00	0.00	0.00
18	0.00	---	---	0.00	0.26	0.26	0.36	0.00	0.19	0.00	0.00	0.04
19	---	---	---	0.00	0.01	0.12	0.05	0.02	0.11	0.00	0.00	0.00
20	---	---	---	0.00	0.00	1.75	0.00	0.00	0.00	0.00	0.00	0.00
21	---	---	---	0.17	0.04	0.00	0.10	0.93	0.00	0.08	0.00	0.00
22	---	---	---	0.00	0.79	0.00	0.00	1.39	0.00	0.36	0.00	0.28
23	---	---	---	0.00	0.03	0.00	0.00	0.06	0.00	0.29	0.00	0.22
24	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.47	0.00
25	---	---	---	0.00	0.00	0.00	0.32	0.73	0.00	0.00	0.00	0.00
26	---	---	---	0.00	0.34	0.01	0.03	0.04	0.00	0.00	0.00	0.00
27	---	---	---	0.00	1.27	0.00	0.00	0.22	0.00	0.00	0.00	0.00
28	---	---	---	0.00	0.00	0.03	0.00	0.00	0.11	0.00	0.00	0.00
29	---	---	---	0.20	---	0.01	0.00	0.05	0.00	0.34	0.00	0.00
30	---	---	---	1.25	---	0.85	0.00	0.00	0.45	0.13	0.00	0.00
31	---	---	0.02	0.00	---	0.00	---	0.03	---	0.01	0.00	---
TOTAL	---	---	---	2.38	5.25	7.35	5.46	5.89	5.60	5.60	6.72	1.29

Lakes and reservoirs in South Carolina

PEE DEE RIVER BASIN

02130908 LAKE ROBINSON.--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 2002 TO SEPTEMBER 2003

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, 2002	220.3	1280		94.8	7775		96.7	1175		96.4	5574	
Oct. 31, 2002	220.6	1310	+11.2	96.8	8733	+357.7	97.7	1307	+49.3	97.3	6068	+184.4
Nov. 30, 2002	220.6	1310	0	97.6	9132	+153.9	98.0	1347	+15.4	96.8	5792	-106.5
Dec. 31, 2002	221.0	1349	+14.6	96.5	8585	-204.2	96.2	1111	-88.1	97.9	6404	+228.5
Cal. Yr. 2002	+1.87			+18.3			-4.95			+21.1		
Jan. 31, 2003	220.7	1320	-10.8	97.5	9082	+185.6	99.4	1543	+161.3	97.6	6235	-63.1
Feb. 28, 2003	221.2	1369	+20.3	98.8	9749	+275.7	98.7	1444	-40.9	98.6	6805	+235.6
Mar. 31, 2003	221.3	1379	+3.73	97.6	9132	-230.4	99.2	1514	+26.1	98.0	6461	-128.4
Apr. 30, 2003	221.1	1359	-7.72	98.6	9645	+197.9	98.2	1375	-53.6	98.0	6461	0
May 31, 2003	221.2	1369	+3.73	97.5	9082	-210.2	99.9	1615	+89.6	98.9	6978	+193.0
June 30, 2003	220.8	1329	-15.4	97.0	8832	-96.5	97.1	1227	-149.7	97.4	6124	-329.5
July 31, 2003	220.7	1320	-3.36	97.7	9183	+131.0	98.5	1416	+70.6	97.4	6124	0
Aug. 31, 2003	220.6	1310	-3.73	96.6	8634	-205.0	97.8	1320	-35.8	97.0	5902	-82.9
Sept. 30, 2003	220.4	1290	-7.72	96.9	8782	+57.1	96.6	1162	-61.0	97.3	6068	+64.0
Wtr. Yr. 2003	+0.32			+31.9			-0.41			+15.7		

DISCHARGE AT PARTIAL-RECORD STATIONS
AND MISCELLANEOUS SITES

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. The years given in the period of record represent water years for which the annual maximum has been determined.

Annual maximum discharge at crest-stage partial-record stations during water year 2003 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 .	1975-03	07/02/03	5.83	(+)	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 .	1986-03	07/02/03	5.11	126	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 .	1968-03	A	B	(+)	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 .	1984-03	07/04/03	4.86	470	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 ♦ 1995-03	04/17/03	19.17	(+)	04/17/03	19.17	(+)
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 ♦ 1971-03	04/13/03	15.41	7,610	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 .	1976-03	08/15/03	7.97	719	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 ♦ 1972-03	03/26/03	10.20	2,910	09-20-45	14.64	9,810
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 .	1991-03	11/12/02	3.60	41	07-24-97	6.30	81.6

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)
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 Pocatigo River, on Hwy 76 crossing of Turkey Creek. Drainage area is 2.20 mi ² .	1985-03	03/20/03	6.00	164	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 .	1974-03	08/06/03	6.57	334	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 north-east of Clover. Drainage area is 89.0 mi ² .	1991-92◆ 1993-03	05/23/03	19.05	(+)	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 .	1990-03	05/26/03	6.22	(+)	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◆ 1994-03	03/20/03	14.72	2,460	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 .	1990-03	03/21/03	11.86	438	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◆ 2000-03	03/21/03	18.61	(+)	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 .	1991-03	03/20/03	8.57	384	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 south-east of Camden. Drainage area is 4.90 mi ² .	1991-03	03/20/03	7.14	112	03/20/03	7.14	112
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 .	1991-03	05/23/03	16.61	7,160	10-12-90	17.36	9,840
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 .	1991-03	03/20/03	8.13	880	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 .	1991-03	03/20/03	15.59	7,400	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 .	1990-03	A	B	(+)	06-15-92	14.36	766

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)
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 ♦ 1975-03	03/20/03	11.62	3,440	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 .	1987-03	08/05/03	4.97	230	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 ♦ 1973-03	03/22/03	6.80	5,500	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 .	1985-03	05/22/03	9.90	1,040	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 .	1977-03	04/18/03	6.40	620	08-26-95	8.43	1,090
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 .	1983-03	07/30/03	7.65	1,280	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 .	1974-03	05/22/03	6.24	(+)	08-27-95	8.76	(+)
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 .	1985-03	07/02/03	8.18	217	10-12-90	9.80	272
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 .	1985-03	05/26/03	5.55	121	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 .	1974-03	03/20/03	5.65	181	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 from the mouth of the Congaree River. Drainage area is 2.41 mi ² .	1984-03	05/26/03	7.00	1,090	07-24-97	9.06	(+)

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)
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 .	1985-03	05/26/03	6.74	572	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 .	1975-03	09/09/03	3.71	60.6	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 .	1991-03	7/19/03	6.73	(+)	07-25-97	10.26	(+)
Edisto River Basin								
McTeir 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◆ 2001-03◆	A	B	(+)	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 .	1989-03	07/14/03	12.44	277	07/14/03 12/05/91	12.44 13.29	277 214
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 .	1986-03	03/16/03	7.03	285	10-01-89	7.41	311
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 .	1985-03	03/16/03	5.78	1,010	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◆ 1997-03	03/23/03	9.64	7,690	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 .	1991-03	07/13/03	4.46	(+)	07-28-00	4.77	(+)

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)
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 .	1985-03	08/10/03	5.17	95.0	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 north-east of Estill and 4.6 mi south of Varnville. Drainage area is 5.39 mi ² .	1991-03	05/24/03	5.39	201	01-12-93	7.19	515
Savannah River Basin								
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 ♦ 1989-2001 ♦ 2001-03	03/20/03	9.41	3,300	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 down stream from Cupboard Creek and 3.8 mi east of Anderson. Drainage area is 26.4 mi ² .	1975-03	03/20/03	10.92	1,520	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 .	1989-2001 ♦ 2001-03	03/21/03	13.51	2,530	04/18/98	17.70	6,260
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 .	1990-03	03/21/03	6.54	(+)	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 ♦ 1972-03	9/17/03	6.75	(+)	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 .	1991-03	07/02/03	7.74	210	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 ♦ 2003	A	B	(+)	10/12/90	6.48	593

+ Discharge not determined.

♦ Operated as a continuous-record gaging station.

A Date unknown.

B Stage not determined.

* Probably effected by backwater from debris.

♦♦ 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 2003 in South Atlantic Slope basins.

Station name and number	Location and drainage area	Water year maximum			Period of record maximum	
		Period of Record	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.	1968-03	03/20/03	*178.97	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.	1968-03	03/20/03	*175.74	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.	1968-03	03/20/03	*173.46	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.	1968-03	03/20/03	*167.02	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.	1968-03	03/20/03	*165.81	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.	1968-03	03/20/03	*160.00	A	B
Santee River near Alvin, SC (02171660)	Lat 33°24'20", long 79°53'20", Berkeley County, 6.8 mi southeast of St Stephens, 9.5 mi northeast of Bonneau. Drainage area is indeterminate.	1997-03	03/25/03	*27.08	03/25/03	*27.08
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 ♦ 1997-03	03/25/03	*12.27	03/25/03	*12.27

* Gage height referenced to NAVD 1988

A Date unknown

B Stage not determined.

♦ Operated as a continuous-record gaging station.

DISCHARGE AT PARTIAL-RECORD STATIONS
AND MISCELLANEOUS SITES

Discharge at Miscellaneous Sites

As the number of streams on which streamflow information is likely to be desired far exceeds the number of stream-gaging stations feasible to operate at one time, the Geological Survey collects limited streamflow data at sites other than stream-gaging stations. When limited streamflow data are collected on a systematic basis over a period of years for use in hydrologic analyses, the site at which the data are collected is called a partial-record station. Data collected at these partial-record stations are usable in low-flow or floodflow analyses, depending on the type of data collected. In addition, discharge measurements are made at other sites to give better areal coverage to these events. Those measurements and others collected for some special reasons are called measurements at miscellaneous sites.

Station name and number	Location and drainage area	Period of record					
			Date	Gage height (ft)	Discharge (ft ³ /s)		
Pee Dee River Basin							
Sparrow Swamp near Timmonsville, SC 02131700	Lat 34°07'22'', long 79°57'20'', Florence County, on Highway 76, 0.25 mi downstream from SCL railroad and 1.1 mi southwest from Timmonsville. Drainage area is 99.1 mi ² .	1965 - 1973	12-31-02	1.74	85.6		
			2000 - 2003	02-10-03	1.63	88.6	
				05-14-03	0.60	59.6	
				08-22-03	1.46	56.9	
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 - 2003	01-06-03	7.58	814		
				09-16-03	7.32	365	
Santee River Basin							
Wateree River at Union Camp near Eastover, SC 02148312	Lat 33°53'34'', long 80°37'35'', Richland County, 3.0 mi upstream from SCE &G plant, and 4.0 mi east of Eastover. Drainage area is 5,590 mi ² (approximately).	1984 - 2003	11-01-02	85.72	1,900		
				05-14-03	96.95	8,960	
				08-01-03	92.80	6,140	
Lawsons Fork Creek at Treatment Plant at Spartanburg, SC 02156301	Lat 34°56'38'', long 81°51'33'', Spartanburg County, 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 is 75.6 mi ² .	1989 - 2003	11-05-02	2.88	48.3		
				01-07-03	3.46	89.3	
				03-11-03	3.80	110	
				05-05-03	4.40	181	
				06-25-03	3.69	93.2	
Fairforest Creek below Spartanburg, SC 02159810	Lat 34°54'19'', long 81°54'54'', Spartanburg County, 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 is 23.6 mi ² .	1988 - 2003	11-05-02	1.54	9.90		
				01-07-03	1.79	20.3	
				03-11-03	2.02	27.0	
				04-15-03	2.24	42.4	
				06-25-03	1.91	23.2	
Little Saluda River at Saluda, SC 021677037	Lat 34°00'29'', long 81°44'30'', Saluda County, on downstream side of bridge on US Highway 378. Drainage area is 90.0 mi ² .	1992 - 2003	10-04-02	3.16	---*		
				11-22-02	3.28	---*	
				02-19-03	4.15	49.2	
				02-19-03	4.13	49.0	
				04-21-03	3.86	47.2	
Santee River at Lake Marion Tail Race near Pineville, SC 02171001	Lat 33°26'58'', long 80°09'50'', Berkeley County, 300 feet below Wilson Dam, 2.8 mi upstream from Old Santee Canal, 5.4 mi upstream from Dead River, 8.0 mi west of Pineville. Drainage area is 14,700 mi ² (approximately).	1966 - 2003	12-09-02	26.75	552		
				03-25-03	52.20	84,600	
				06-27-03	27.81	865	
				09-23-03	26.86	651	
Edisto River Basin							
Edisto River at SCE&G Plant near Canadys, SC 02174048	Lat 33°04'00'', long 80°37'26'', Colleton County, 1.0 mi north of Canadys, and 12.0 mi north of Walterboro. Drainage area is 1,850 mi ² (approximately).	1982 - 2003	12-20-02	54.56	1,200		
			03-14-03	58.30	2,890		

* No measureable flow due to backwater from beaver dam.

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.

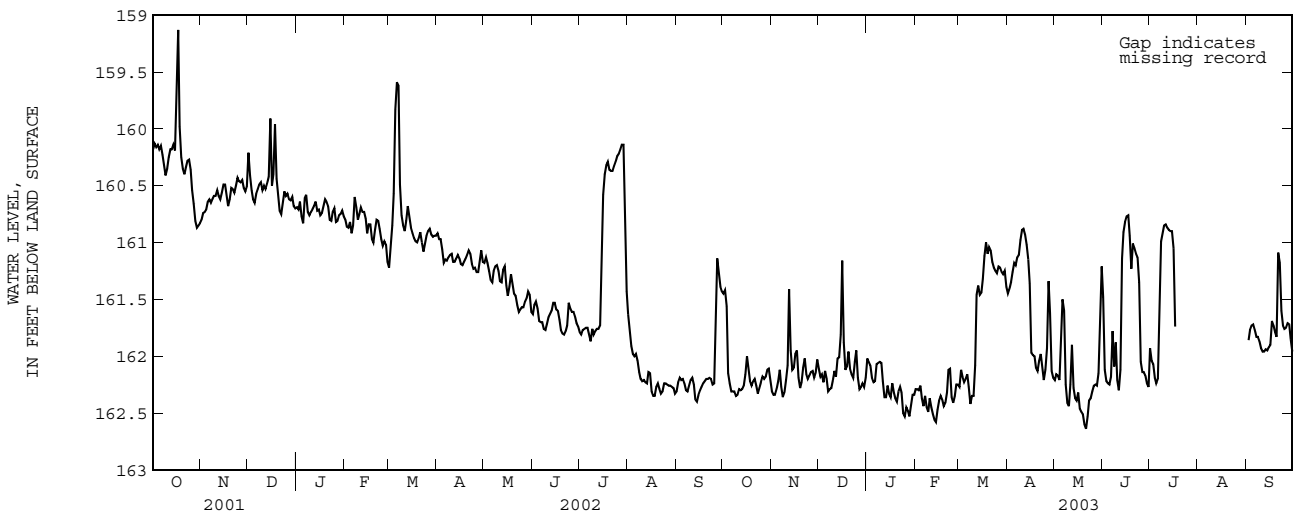
REMARKS.--Also known as SRP-4M. Electric log available in District files.

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 mean water level, 144.77 ft below land-surface datum, Feb. 23, 1966; lowest, 162.64 ft below land-surface datum, May 21, 2003.

Depth to water level, feet below land surface
 WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	161.45	162.31	162.11	162.02	162.29	162.27	161.45	162.21	161.48	161.93	---	---
2	161.42	162.34	162.18	162.05	162.29	162.12	161.41	162.16	162.12	162.04	---	161.86
3	161.56	162.34	162.16	162.08	162.30	162.18	161.35	162.17	162.22	162.07	---	161.77
4	162.15	162.29	162.23	162.19	162.26	162.23	161.26	162.21	162.24	162.19	---	161.73
5	162.24	162.22	162.13	162.23	162.37	162.20	161.18	161.82	162.25	162.24	---	161.72
6	162.31	162.12	162.20	162.22	162.44	162.16	161.20	161.50	162.18	162.20	---	161.77
7	162.31	162.27	162.31	162.07	162.35	162.27	161.13	161.60	161.78	161.50	---	161.83
8	162.31	162.36	162.29	162.06	162.45	162.42	161.11	162.25	162.09	160.99	---	161.83
9	162.35	162.32	162.28	162.05	162.49	162.35	160.98	162.41	161.88	160.92	---	161.87
10	162.34	162.21	162.21	162.06	162.37	162.35	160.89	162.44	162.21	160.85	---	161.93
11	162.29	162.08	162.13	162.22	162.45	162.08	160.88	162.25	162.30	160.84	---	161.96
12	162.30	161.41	162.18	162.36	162.51	161.46	160.93	161.90	162.12	160.87	---	161.96
13	162.29	161.95	162.02	162.36	162.56	161.38	161.02	162.28	161.14	160.89	---	161.94
14	162.26	162.12	162.01	162.26	162.58	161.46	161.15	162.37	160.91	160.90	---	161.95
15	162.16	162.10	161.81	162.33	162.47	161.44	161.36	162.39	160.82	160.90	---	161.92
16	162.00	161.98	161.16	162.36	162.39	161.32	161.97	162.32	160.77	161.05	---	161.90
17	162.11	161.95	161.88	162.24	162.35	161.12	161.99	162.46	160.76	161.74	---	161.69
18	162.22	162.19	162.12	162.32	162.38	161.00	162.00	162.49	160.94	---	---	161.73
19	162.26	162.28	162.09	162.37	162.44	161.10	162.10	162.51	161.23	---	---	161.79
20	162.22	162.23	161.96	162.40	162.41	161.04	162.13	162.60	161.01	---	---	161.83
21	162.20	162.10	162.11	162.31	162.32	161.07	162.04	162.64	161.05	---	---	161.09
22	162.26	162.02	162.16	162.27	162.12	161.17	161.98	162.53	161.10	---	---	161.18
23	162.33	162.16	162.19	162.32	162.11	161.22	162.09	162.39	161.13	---	---	161.60
24	162.28	162.20	162.05	162.50	162.36	161.25	162.21	162.37	161.35	---	---	161.73
25	162.23	162.17	161.95	162.53	162.41	161.27	162.12	162.31	162.05	---	---	161.76
26	162.18	162.14	162.19	162.45	162.35	161.21	161.93	162.26	162.14	---	---	161.75
27	162.20	162.13	162.29	162.48	162.25	161.22	161.34	162.25	162.14	---	---	161.71
28	162.18	162.19	162.27	162.53	162.25	161.26	161.62	162.26	162.17	---	---	161.72
29	162.12	162.15	162.24	162.44	---	161.28	162.13	162.15	162.24	---	---	161.85
30	162.11	162.03	162.27	162.34	---	161.25	162.19	161.59	162.27	---	---	161.96
31	162.21	---	162.19	162.34	---	161.39	---	161.21	---	---	---	---
MEAN	162.16	162.15	162.11	162.28	162.37	161.60	161.57	162.20	161.67	---	---	---
MAX	162.35	162.36	162.31	162.53	162.58	162.42	162.21	162.64	162.30	---	---	---
MIN	161.42	161.41	161.16	162.02	162.11	161.00	160.88	161.21	160.76	---	---	---



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

AIKEN COUNTY--Continued

WELL NUMBER.--333232081290605. Local number, AK-849.

LOCATION.--Lat 33°32'32'', long 81°29'08'', Hydrologic Unit 03050204, Aiken State Park, approximately .4 mi east of County Highway 53, north west of New Ellenton. Owner: South Carolina Department of Natural Resources.

AQUIFER.--Ellenton.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from surface to 68 ft, 4 in from 41 to 97 ft, depth 97 ft, screened from 82 to 92 ft.

INSTRUMENTATION.--Data collection platform--60 minute collection interval.

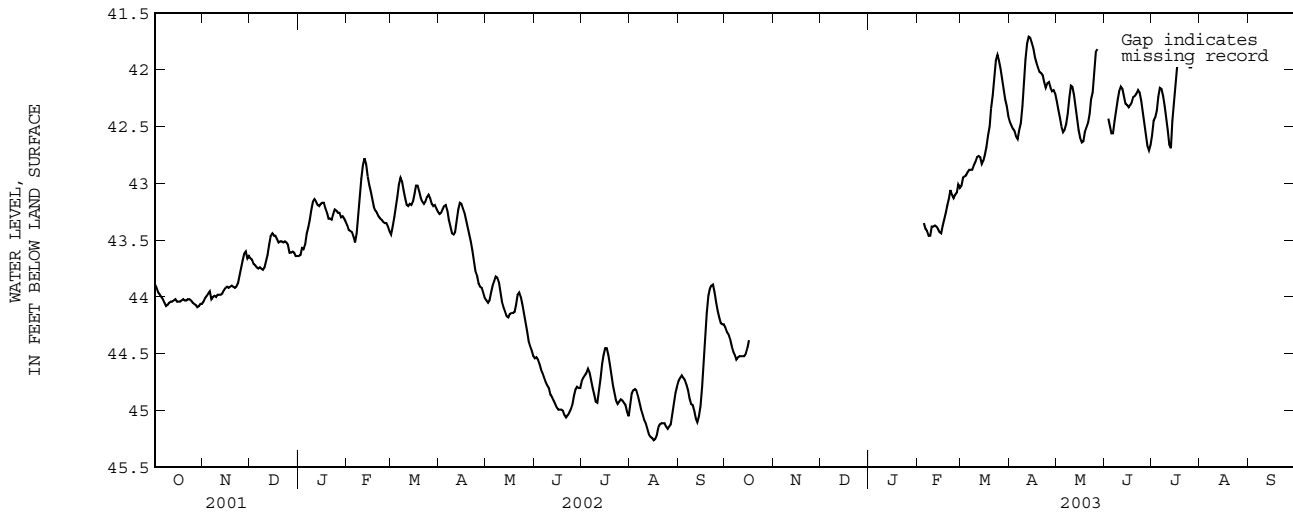
DATUM.--Land-surface datum is 301.6 ft above sea level. Measuring point: Opening in casing, 1.39 ft above land-surface datum.

PERIOD OF RECORD.--April 1993 to September 2002, February 2003 to August 2003 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 39.59 ft below land-surface datum, Mar. 12, 1998; lowest, 45.26 ft below land-surface datum, Aug. 16, 2002.

Depth to water level, feet below land surface
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	44.27	---	---	---	---	43.02	42.46	42.28	---	42.58	41.83	---
2	44.31	---	---	---	---	42.95	42.49	42.35	---	42.45	41.84	---
3	44.33	---	---	---	---	42.94	42.52	42.42	42.43	42.42	41.81	---
4	44.37	---	---	---	---	42.93	42.54	42.50	42.50	42.36	41.79	---
5	44.43	---	---	---	43.35	42.90	42.59	42.55	42.56	42.24	41.80	---
6	44.48	---	---	---	43.40	42.88	42.61	42.53	42.56	42.16	41.83	---
7	44.51	---	---	---	43.42	42.88	42.53	42.48	42.45	42.17	41.85	---
8	44.55	---	---	---	43.46	42.88	42.47	42.39	42.36	42.23	41.89	---
9	44.53	---	---	---	43.46	42.84	42.32	42.25	42.26	42.32	41.91	---
10	44.52	---	---	---	43.38	42.81	42.09	42.14	42.19	42.42	41.95	---
11	44.52	---	---	---	43.38	42.77	41.91	42.15	42.15	42.53	---	---
12	44.52	---	---	---	43.37	42.76	41.77	42.22	42.17	42.66	---	---
13	44.52	---	---	---	43.38	42.77	41.71	42.33	42.24	42.69	---	---
14	44.50	---	---	---	43.40	42.83	41.72	42.44	42.30	42.45	---	---
15	44.45	---	---	---	43.43	42.80	41.76	42.53	42.31	42.28	---	---
16	44.38	---	---	---	43.44	42.75	41.81	42.60	42.33	42.12	---	---
17	---	---	---	---	43.37	42.68	41.89	42.64	42.31	41.97	---	---
18	---	---	---	---	43.32	42.58	41.94	42.63	42.29	41.91	---	---
19	---	---	---	---	43.26	42.50	41.98	42.55	42.24	41.93	---	---
20	---	---	---	---	43.19	42.34	42.02	42.51	42.23	41.95	---	---
21	---	---	---	---	43.13	42.23	42.03	42.47	42.21	41.92	---	---
22	---	---	---	---	43.06	42.09	42.05	42.39	42.18	41.90	---	---
23	---	---	---	---	43.10	41.92	42.11	42.26	42.20	41.89	---	---
24	---	---	---	---	43.13	41.87	42.16	42.20	42.27	41.93	---	---
25	---	---	---	---	43.10	41.92	42.12	42.03	42.36	41.98	---	---
26	---	---	---	---	43.08	41.99	42.11	41.84	42.46	41.98	---	---
27	---	---	---	---	43.01	42.09	42.16	41.82	42.56	41.95	---	---
28	---	---	---	---	43.04	42.18	42.19	---	42.67	41.95	---	---
29	---	---	---	---	---	42.26	42.18	---	42.71	41.96	---	---
30	---	---	---	---	---	42.32	42.21	---	42.66	41.93	---	---
31	---	---	---	---	---	42.41	---	---	---	41.86	---	---
MEAN	---	---	---	---	---	42.55	42.15	---	---	42.16	---	---
MAX	---	---	---	---	---	43.02	42.61	---	---	42.69	---	---
MIN	---	---	---	---	---	41.87	41.71	---	---	41.86	---	---



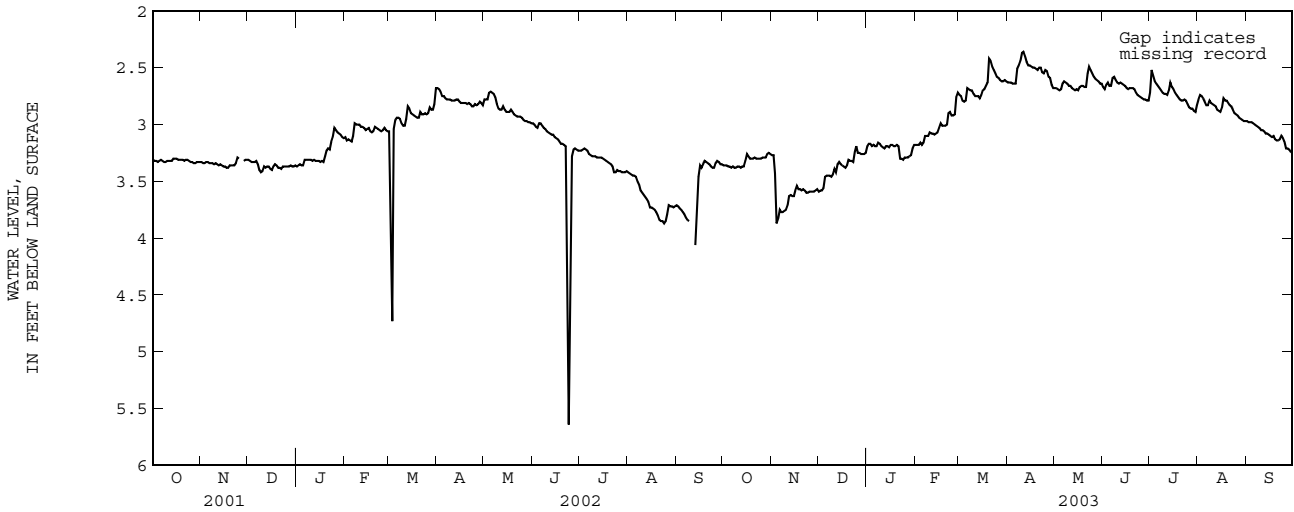
WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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 mean water level, 1.90 ft below land-surface datum, Apr. 23, 1998; lowest, 5.64 ft below land-surface datum, June 24, 2002.

Depth to water level, feet below land surface
 WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.36	3.27	3.59	3.19	3.18	2.74	2.63	2.68	2.67	2.72	2.78	2.97
2	3.36	3.27	3.58	3.17	3.18	2.75	2.63	2.68	2.69	2.52	2.74	2.98
3	3.36	3.43	3.58	3.17	3.18	2.79	2.63	2.69	2.65	2.57	2.75	2.98
4	3.37	3.87	3.56	3.19	3.16	2.80	2.64	2.70	2.63	2.62	2.77	2.98
5	3.37	3.83	3.46	3.18	3.18	2.79	2.64	2.69	2.66	2.64	2.80	2.99
6	3.38	3.75	3.45	3.19	3.16	2.68	2.64	2.64	2.66	2.66	2.83	3.00
7	3.37	3.77	3.45	3.19	3.10	2.69	2.51	2.62	2.59	2.68	2.83	3.01
8	3.38	3.77	3.45	3.16	3.10	2.70	2.48	2.63	2.58	2.70	2.79	3.02
9	3.38	3.76	3.46	3.17	3.10	2.70	2.44	2.64	2.61	2.72	2.81	3.03
10	3.37	3.75	3.44	3.19	3.07	2.73	2.37	2.66	2.63	2.73	2.82	3.05
11	3.37	3.71	3.39	3.20	3.08	2.75	2.36	2.66	2.64	2.73	2.83	3.05
12	3.38	3.63	3.42	3.21	3.08	2.75	2.40	2.68	2.63	2.74	2.84	3.06
13	3.37	3.62	3.35	3.19	3.09	2.75	2.45	2.69	2.64	2.70	2.87	3.08
14	3.37	3.63	3.33	3.19	3.08	2.77	2.48	2.70	2.65	2.63	2.88	3.08
15	3.32	3.63	3.35	3.20	3.07	2.74	2.48	2.69	2.66	2.67	2.89	3.09
16	3.26	3.58	3.36	3.18	3.03	2.70	2.49	2.70	2.68	2.69	2.85	3.10
17	3.28	3.54	3.37	3.18	2.99	2.69	2.50	2.67	2.69	2.72	2.77	3.11
18	3.30	3.57	3.38	3.19	3.01	2.66	2.50	2.66	2.68	2.74	2.79	3.10
19	3.30	3.57	3.36	3.19	3.01	2.63	2.51	2.66	2.68	2.76	2.79	3.13
20	3.30	3.58	3.31	3.18	3.01	2.42	2.52	2.67	2.68	2.78	2.81	3.14
21	3.29	3.57	3.32	3.19	3.00	2.44	2.50	2.67	2.69	2.79	2.83	3.14
22	3.30	3.58	3.32	3.30	2.90	2.49	2.50	2.55	2.72	2.79	2.84	3.13
23	3.30	3.60	3.33	3.30	2.89	2.52	2.54	2.49	2.74	2.78	2.87	3.10
24	3.30	3.60	3.24	3.31	2.92	2.55	2.55	2.52	2.75	2.79	2.90	3.12
25	3.30	3.59	3.19	3.29	2.92	2.58	2.52	2.55	2.76	2.82	2.91	3.15
26	3.29	3.59	3.25	3.29	2.91	2.59	2.53	2.58	2.77	2.85	2.92	3.21
27	3.29	3.59	3.25	3.29	2.76	2.61	2.58	2.60	2.78	2.86	2.94	3.21
28	3.29	3.59	3.26	3.28	2.72	2.62	2.59	2.61	2.78	2.86	2.95	3.22
29	3.26	3.58	3.26	3.27	---	2.62	2.65	2.62	2.79	2.88	2.96	3.24
30	3.25	3.57	3.26	3.21	---	2.61	2.68	2.64	2.79	2.89	2.97	3.25
31	3.26	---	3.25	3.18	---	2.62	---	2.64	---	2.83	2.97	---
MEAN	3.33	3.61	3.37	3.21	3.03	2.66	2.53	2.64	2.69	2.74	2.85	3.09
MAX	3.38	3.87	3.59	3.31	3.18	2.80	2.68	2.70	2.79	2.89	2.97	3.25
MIN	3.25	3.27	3.19	3.16	2.72	2.42	2.36	2.49	2.58	2.52	2.74	2.97



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.

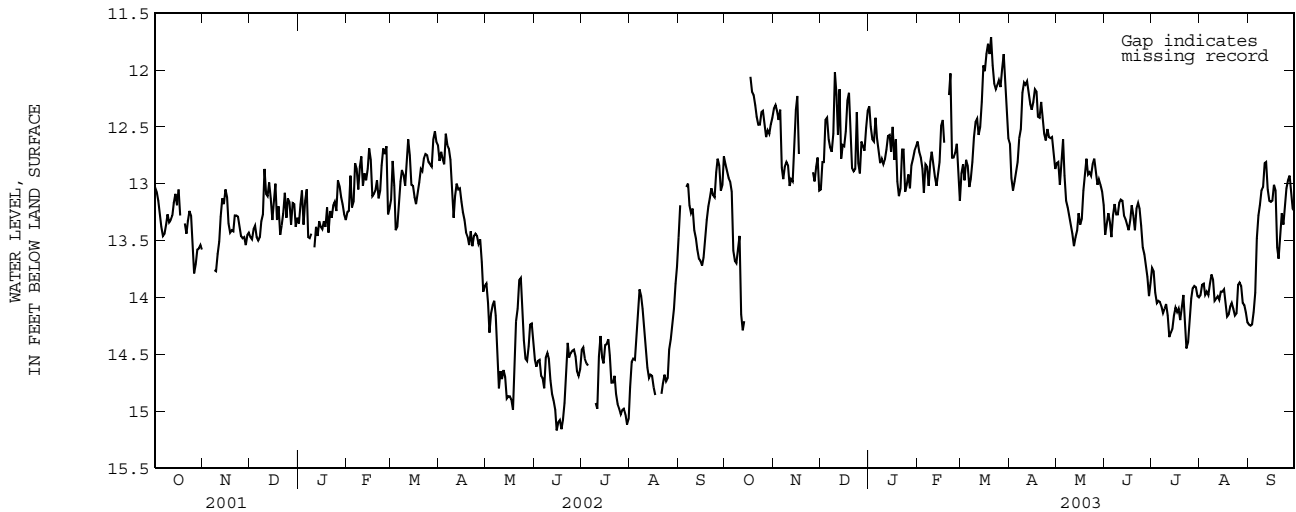
DATUM.--Land-surface datum is 14.0 ft above sea level. Measuring point: Opening in casing, 0.80 ft land-surface datum.

PERIOD OF RECORD.--September 1986 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 11.41 ft below land-surface datum, Jun. 6, 1991; lowest, 16.54 ft below land-surface datum, Jul.4, 1993.

Depth to water level, feet below land surface
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12.83	12.34	13.05	12.32	12.63	12.91	12.65	12.82	13.45	13.74	13.98	14.24
2	12.89	12.31	12.81	12.50	12.72	12.83	12.95	12.81	13.35	13.77	13.89	14.25
3	12.95	12.36	12.81	12.61	12.77	12.97	13.06	13.01	13.26	13.96	13.88	14.24
4	12.98	12.44	12.44	12.63	12.87	12.79	12.98	12.80	13.34	14.05	13.98	14.13
5	13.07	12.35	12.42	12.42	13.08	12.84	12.89	12.61	13.47	14.03	13.95	13.96
6	13.59	12.86	12.61	12.60	12.83	13.03	12.81	12.93	13.28	14.04	13.98	13.48
7	13.68	12.96	12.68	12.71	12.85	12.96	12.60	13.15	13.18	14.08	13.88	13.28
8	13.70	12.85	12.72	12.82	13.02	12.81	12.52	13.21	13.27	14.14	13.80	13.19
9	13.58	12.81	12.56	12.78	12.81	12.59	12.20	13.29	13.27	14.10	13.84	13.06
10	13.46	12.84	12.02	12.83	12.72	12.46	12.11	13.37	13.17	14.06	14.03	13.03
11	14.15	13.02	12.22	12.79	12.83	12.43	12.13	13.44	13.14	14.16	14.01	12.82
12	14.29	12.96	12.57	12.70	12.94	12.57	12.10	13.55	13.15	14.35	13.99	12.81
13	14.21	12.98	12.17	12.58	13.02	12.50	12.20	13.47	13.28	14.31	14.02	13.05
14	---	12.66	12.78	12.57	12.92	12.28	12.30	13.41	13.31	14.28	13.95	13.15
15	---	12.35	12.66	12.72	12.81	11.96	12.35	13.26	13.36	14.16	13.95	13.16
16	---	12.23	12.67	12.50	12.49	12.01	12.28	13.36	13.41	14.09	13.93	13.15
17	12.06	12.74	12.54	12.79	12.44	11.86	12.17	13.31	13.32	14.13	14.04	13.01
18	12.19	---	12.27	12.61	12.64	11.77	12.19	13.06	13.19	14.10	14.17	13.06
19	12.22	---	12.20	12.98	---	11.86	12.41	12.92	13.28	14.20	14.15	13.56
20	12.31	---	12.48	13.11	---	11.71	12.42	12.78	13.41	14.09	14.08	13.66
21	12.41	---	12.86	13.04	12.22	11.96	12.28	12.92	13.22	13.98	14.05	13.48
22	12.48	---	12.89	12.70	12.03	12.12	12.43	12.90	13.17	14.23	14.10	13.26
23	12.48	---	12.87	12.70	12.77	12.17	12.56	12.93	13.22	14.45	14.16	13.36
24	12.37	---	12.37	13.07	12.77	12.13	12.62	12.83	13.37	14.40	14.14	13.19
25	12.36	---	12.82	13.01	12.73	12.09	12.52	12.78	13.56	14.19	13.89	13.04
26	12.47	12.90	12.91	12.92	12.65	12.15	12.59	12.90	13.62	14.01	13.87	12.97
27	12.59	12.98	12.63	13.04	12.92	11.99	12.60	13.01	13.72	13.92	13.90	12.93
28	12.53	12.85	12.67	12.84	13.15	11.86	12.59	12.96	13.82	13.90	14.05	13.08
29	12.56	12.77	12.71	12.78	---	12.08	12.72	13.01	13.99	13.91	14.07	13.22
30	12.48	13.06	12.51	12.71	---	12.35	12.87	13.07	13.87	13.99	14.13	13.24
31	12.42	---	12.36	12.67	---	12.60	---	13.19	---	14.00	14.22	---
MEAN	---	---	12.59	12.74	---	12.34	12.50	13.07	13.38	14.09	14.00	13.34
MAX	---	---	13.05	13.11	---	13.03	13.06	13.55	13.99	14.45	14.22	14.25
MIN	---	---	12.02	12.32	---	11.71	12.10	12.61	13.14	13.74	13.80	12.81



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BEAUFORT COUNTY

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 1994 (discontinued).

SPECIFIC CONDUCTANCE AT 190 FEET: February 1987 to September 1994 (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 Nov. 29 to Dec. 18 and Sep. 10-30, 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: Maximum, 13,900 microsiemens, several days in July, Aug. 1-3; minimum, 12,300 microsiemens, Dec. 18, 19, 21, 31, Jan. 1.

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	13300	12900	13100	13300	12900	13100	13200	12800	13000	12700	12300	12500
2	13300	12900	13100	13300	12900	13100	13200	12800	13000	12700	12400	12600
3	13300	12900	13100	13300	12900	13100	13200	12800	13000	12700	12400	12600
4	13300	12900	13100	13300	12900	13100	13200	12700	12900	12700	12400	12600
5	13400	12900	13100	13300	12900	13100	13100	12700	13000	12700	12400	12600
6	13400	12900	13100	13300	12900	13100	13100	12800	13000	12700	12400	12600
7	13400	12900	13100	13300	12900	13100	13100	12800	13000	12700	12400	12600
8	13400	12900	13100	13300	12900	13100	13100	12800	12900	12700	12500	12600
9	13300	12900	13100	13300	12900	13100	13100	12800	12900	12700	12500	12600
10	13300	12900	13100	13300	12900	13100	13100	12800	12900	12700	12500	12600
11	13300	12900	13100	13200	12900	13100	13100	12800	12900	12700	12500	12600
12	13300	13000	13200	13200	13000	13100	13000	12800	12900	12700	12500	12600
13	13300	13000	13100	13200	12900	13100	13000	12800	12900	12700	12500	12600
14	---	---	---	13200	12900	13100	13100	12800	12900	12700	12400	12600
15	---	---	---	13200	12900	13100	13100	12800	12900	12700	12500	12600
16	---	---	---	---	---	---	13100	12800	12900	12800	12400	12600
17	13400	13000	13100	---	---	---	13100	12700	12900	12800	12500	12600
18	13400	13000	13100	---	---	---	13100	12300	12600	12700	12400	12600
19	13400	13000	13200	---	---	---	12700	12300	12500	12800	12400	12600
20	13400	13000	13200	---	---	---	12700	12400	12500	12800	12400	12600
21	13300	13000	13100	---	---	---	12700	12300	12500	12800	12400	12600
22	13400	13000	13200	---	---	---	12700	12400	12500	12800	12400	12600
23	13300	13000	13100	---	---	---	12700	12400	12500	12800	12500	12600
24	13300	13000	13100	---	---	---	12700	12400	12500	12800	12400	12600
25	13300	12800	13100	---	---	---	12700	12400	12600	12800	12500	12600
26	13300	13000	13200	13200	12900	13000	12700	12400	12500	12800	12500	12600
27	13300	13000	13200	13200	12800	13000	12700	12400	12500	12800	12500	12600
28	13300	13000	13200	13200	12800	13000	12700	12400	12600	12800	12500	12600
29	13300	13000	13200	13200	12800	13000	12700	12400	12600	12800	12400	12600
30	13300	13000	13100	13200	12800	13000	12700	12400	12500	12800	12400	12600
31	13300	13000	13100	---	---	---	12700	12300	12500	12800	12500	12600
MONTH	---	---	---	---	---	---	13200	12300	12800	12800	12300	12600

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BEAUFORT COUNTY

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
 WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	12800	12400	12600	13200	12800	13000	13300	13000	13200	13400	13100	13300
2	12800	12400	12600	13200	12800	13000	13300	13000	13200	13400	13100	13300
3	12800	12400	12600	13200	12800	13000	13300	13000	13200	13400	13100	13300
4	12800	12500	12600	13200	12800	13000	13300	13000	13200	13400	13100	13300
5	12800	12500	12600	13200	12800	13000	13300	13000	13200	13400	13100	13300
6	12800	12500	12600	13200	12900	13000	13300	13000	13200	13400	13200	13300
7	12800	12500	12600	13200	12900	13000	13300	13100	13200	13400	13200	13300
8	12800	12500	12600	13200	12900	13000	13300	13100	13200	13400	13200	13300
9	12800	12500	12600	13200	12900	13000	13300	13100	13200	13400	13200	13300
10	12800	12500	12700	13200	12900	13000	13300	13100	13200	13400	13200	13300
11	12800	12500	12600	13100	12900	13000	13400	13100	13200	13500	13200	13300
12	12800	12500	12700	13200	12900	13000	13400	13100	13200	13500	13100	13300
13	12800	12500	12600	13200	12900	13000	13400	13000	13200	13500	13100	13300
14	12800	12500	12700	13200	12900	13000	13400	13000	13200	13500	13100	13300
15	12800	12500	12600	13200	12900	13000	13400	13000	13200	13500	13100	13300
16	12800	12400	12600	13200	12900	13000	13400	13000	13200	13500	13100	13300
17	12800	12400	12600	13200	12800	13000	13400	13000	13200	13500	13000	13300
18	12800	12400	12600	13200	12800	13000	13400	13000	13200	13400	13000	13300
19	---	---	---	13200	12800	13000	13400	13000	13200	13400	13100	13300
20	---	---	---	13200	12800	13000	13400	13000	13200	13400	13100	13300
21	13200	12700	13000	13200	12800	13000	13400	13100	13300	13400	13100	13300
22	13100	12800	13000	13200	12900	13000	13400	13100	13300	13400	13100	13300
23	13200	12800	13000	13200	12900	13100	13400	13100	13300	13400	13100	13300
24	13200	12800	13000	13200	12900	13000	13400	13100	13300	13400	13100	13300
25	13200	12800	13000	13200	12900	13100	13400	13100	13300	13400	13100	13300
26	13200	12800	13000	13200	12900	13100	13400	13100	13300	13400	13100	13300
27	13200	12800	13000	13300	13000	13100	13400	13100	13300	13400	13100	13300
28	13200	12800	13000	13300	12900	13100	13400	13100	13300	13400	13100	13200
29	---	---	---	13300	13000	13100	13400	13100	13300	13400	13000	13200
30	---	---	---	13300	13000	13200	13400	13100	13300	13300	13000	13200
31	---	---	---	13300	13000	13200	---	---	---	13300	13000	13200
MONTH	---	---	---	13300	12800	13000	13400	13000	13200	13500	13000	13300

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	13300	13000	13100	13500	13200	13400	13900	13500	13700	13700	13300	13500
2	13300	13000	13100	13500	13300	13400	13900	13500	13700	13700	13300	13500
3	13300	13000	13100	13600	13300	13500	13900	13500	13700	13600	13300	13500
4	13300	13000	13100	13600	13300	13500	13800	13500	13700	13600	13300	13500
5	13300	13000	13100	13600	13400	13500	13800	13500	13700	13600	13300	13500
6	13300	13000	13100	13600	13400	13500	13800	13500	13700	13600	13300	13500
7	13300	13000	13200	13600	13400	13500	13800	13500	13700	13600	13300	13500
8	13300	13000	13200	13700	13400	13500	13800	13500	13600	13600	13300	13500
9	13300	13000	13200	13700	13400	13500	13800	13400	13600	13600	13300	13500
10	13300	13000	13200	13700	13300	13500	13800	13400	13600	13600	13300	13400
11	13300	12900	13200	13800	13400	13600	13800	13400	13600	13600	13300	13400
12	13300	12900	13100	13800	13400	13600	13800	13400	13600	13600	13300	13400
13	13300	12900	13200	13800	13400	13600	13800	13300	13600	13600	13300	13500
14	13300	12900	13200	13900	13500	13700	13700	13300	13500	13600	13300	13500
15	13400	12900	13200	13900	13500	13700	13700	13300	13500	13600	13300	13500
16	13400	13000	13200	13900	13600	13800	13700	13300	13500	13600	13300	13500
17	13300	13000	13200	13900	13600	13800	13700	13400	13500	13800	13300	13500
18	13300	13000	13200	13900	13600	13800	13600	13400	13500	13600	13400	13500
19	13300	13000	13200	13900	13600	13800	13600	13400	13500	13600	13400	13500
20	13300	13000	13200	13900	13600	13800	13600	13400	13500	13600	13400	13500
21	13300	13000	13200	13900	13600	13800	13600	13400	13500	13600	13300	13500
22	13300	13100	13200	13900	13600	13800	13600	13400	13500	13600	13300	13500
23	13300	13100	13200	13900	13600	13800	13700	13400	13500	13600	13300	13500
24	---	---	---	13900	13600	13700	13700	13400	13500	13600	13300	13500
25	13400	13100	13200	13900	13600	13700	13700	13300	13500	13600	13300	13400
26	13400	13100	13200	13900	13600	13700	13700	13300	13500	13600	13200	13400
27	13400	13100	13200	13900	13500	13700	13700	13300	13500	13600	13200	13400
28	13400	13100	13200	13900	13500	13700	13700	13300	13500	13600	13200	13500
29	13400	13100	13300	13900	13500	13700	13700	13300	13500	13600	13300	13400
30	13500	13200	13300	13900	13500	13700	13700	13300	13500	13600	13300	13400
31	---	---	---	13900	13500	13700	13700	13300	13500	---	---	---
MONTH	---	---	---	13900	13200	13600	13900	13300	13600	13800	13200	13500

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BEAUFORT COUNTY--Continued

WELL NUMBER.--321358080403801. Local number, BFT-1813.

LOCATION.--Lat 32°13'58'', long 80°40'38'', Hydrologic Unit 03050208, at Ft Walker, Port Royal Plantation, on Hilton Head Island. Owner: South Carolina Department of Natural Resources.

AQUIFER.--Floridan Aquifer System.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 489 ft, cased to 276 ft, open hole from 276 to 489 ft. INSTRUMENTATION.--Data collection platform--60 minute collection interval.

DATUM.--Land-surface datum is 12 ft above sea level. Measuring point: Opening in casing, 1.08 ft land-surface datum.

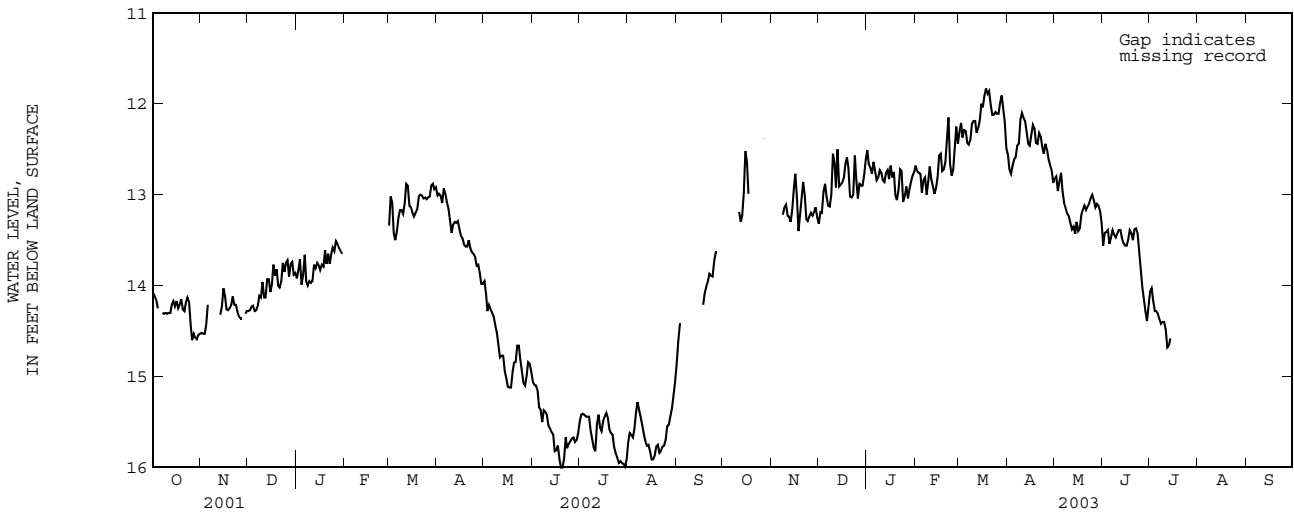
REMARKS.--Water level affected by pumping and by tide.

PERIOD OF RECORD.--April 1999 to July 2003 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 11.83 ft below land-surface datum, Mar. 18, 2003; lowest, 17.15 ft below land-surface datum, June 10, 1999.

Depth to water level, feet below land surface
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	13.32	12.51	12.68	12.31	12.56	12.82	13.56	14.07	---	---
2	---	---	13.19	12.66	12.74	12.21	12.72	12.80	13.42	14.03	---	---
3	---	---	13.20	12.70	12.76	12.37	12.77	12.96	13.41	14.17	---	---
4	---	---	12.97	12.77	12.77	12.29	12.68	12.85	13.39	14.28	---	---
5	---	---	12.88	12.64	12.98	12.30	12.61	12.76	13.54	14.28	---	---
6	---	---	13.03	12.74	12.84	12.43	12.59	12.96	13.47	14.31	---	---
7	---	---	13.12	12.84	12.81	12.45	12.46	13.09	13.39	14.37	---	---
8	---	13.22	13.13	12.81	13.00	12.40	12.44	13.15	13.44	14.42	---	---
9	---	13.14	13.00	12.73	12.85	12.22	12.17	13.21	13.47	14.40	---	---
10	---	13.11	12.55	12.76	12.69	12.19	12.10	13.24	13.43	14.40	---	---
11	13.19	13.23	12.65	12.84	12.83	12.19	12.15	13.31	13.39	14.48	---	---
12	13.30	13.24	12.92	12.86	12.91	12.32	12.19	13.38	13.39	14.68	---	---
13	13.23	13.30	12.50	12.76	12.99	12.27	12.31	13.35	13.48	14.66	---	---
14	12.98	13.16	12.91	12.73	12.93	12.18	12.44	13.43	13.53	14.58	---	---
15	12.52	12.93	12.89	12.83	12.81	12.00	12.46	13.30	13.56	---	---	---
16	12.64	12.77	12.87	12.68	12.57	12.04	12.34	13.40	13.56	---	---	---
17	12.99	13.03	12.82	12.81	12.55	11.91	12.23	13.37	13.49	---	---	---
18	---	13.40	12.66	12.75	12.74	11.83	12.27	13.22	13.39	---	---	---
19	---	13.24	12.59	13.00	12.72	11.89	12.43	13.17	13.42	---	---	---
20	---	13.07	12.71	13.06	12.64	11.86	12.44	13.12	13.50	---	---	---
21	---	12.86	13.02	12.95	12.39	12.01	12.32	13.17	13.38	---	---	---
22	---	13.01	13.03	12.72	12.15	12.12	12.36	13.13	13.37	---	---	---
23	---	13.27	13.00	12.74	12.66	12.12	12.47	13.10	13.42	---	---	---
24	---	13.29	12.57	13.08	12.79	12.09	12.55	13.04	13.61	---	---	---
25	---	13.24	12.83	13.02	12.72	12.11	12.44	13.00	13.81	---	---	---
26	---	13.20	13.04	12.91	12.45	12.11	12.50	13.06	14.02	---	---	---
27	12.38	13.23	12.88	13.04	12.25	11.99	12.61	13.14	14.14	---	---	---
28	---	13.19	12.90	12.94	12.44	11.91	12.67	13.10	14.28	---	---	---
29	---	13.14	12.90	12.86	---	12.04	12.73	13.12	14.39	---	---	---
30	---	13.25	12.79	12.79	---	12.20	12.87	13.18	14.21	---	---	---
31	---	---	12.62	12.75	---	12.49	---	13.32	---	---	---	---
MEAN	---	---	12.89	12.82	12.70	12.16	12.46	13.14	13.60	---	---	---
MAX	---	---	13.32	13.08	13.00	12.49	12.87	13.43	14.39	---	---	---
MIN	---	---	12.50	12.51	12.15	11.83	12.10	12.76	13.37	---	---	---



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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.--Water-stage recorder--60 minute collection interval.

DATUM.--Land-surface datum is 67 ft above sea level. Measuring point: Top of casing, 3.80 ft above land-surface datum.

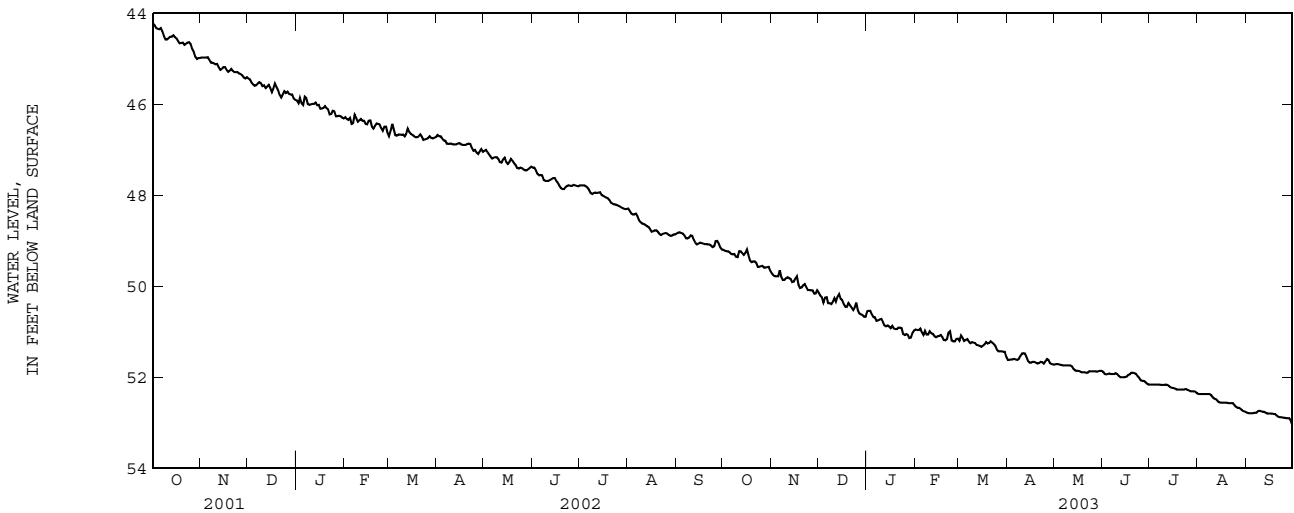
REMARKS.--Flowing well in 1982. Geophysical logs available in U.S. Geological Survey District files.

PERIOD OF RECORDS.--September 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 1.03 ft below land-surface datum, Sep. 15, 1989; lowest, 53.05 ft below land-surface datum, Sep. 30, 2003.

Depth to water level, feet below land surface
 WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	49.20	49.72	50.14	50.55	50.95	51.20	51.62	51.72	51.88	52.16	52.37	52.78
2	49.22	49.76	50.21	50.54	50.96	51.08	51.62	51.71	51.93	52.16	52.37	52.79
3	49.23	49.78	50.24	50.54	50.96	51.13	51.61	51.71	51.94	52.16	52.37	52.79
4	49.23	49.78	50.36	50.62	50.93	51.20	51.61	51.72	51.93	52.16	52.37	52.79
5	49.25	49.78	50.25	50.68	51.01	51.18	51.60	51.73	51.92	52.16	52.37	52.79
6	49.29	49.65	50.24	50.68	51.07	51.16	51.61	51.74	51.93	52.16	52.37	52.78
7	49.30	49.79	50.37	50.76	50.98	51.21	51.62	51.74	51.93	52.16	52.37	52.78
8	49.29	49.86	50.37	50.75	51.06	51.25	51.60	51.74	51.93	52.17	52.37	52.75
9	49.35	49.86	50.39	50.73	51.06	51.23	51.53	51.74	51.91	52.17	52.39	52.74
10	49.36	49.82	50.34	50.72	50.99	51.24	51.48	51.74	51.93	52.17	52.44	52.75
11	49.23	49.80	50.26	50.78	51.03	51.25	51.47	51.74	51.97	52.16	52.47	52.76
12	49.23	49.82	50.34	50.86	51.05	51.29	51.48	51.76	52.00	52.17	52.48	52.76
13	49.27	49.84	50.23	50.88	51.10	51.30	51.56	51.82	52.00	52.19	52.51	52.78
14	49.31	49.91	50.17	50.86	51.12	51.31	51.65	51.85	52.00	52.22	52.55	52.80
15	49.27	49.90	50.28	50.88	51.10	51.33	51.68	51.86	52.00	52.23	52.56	52.80
16	49.19	49.83	50.30	50.92	51.09	51.31	51.68	51.86	51.99	52.24	52.56	52.80
17	49.31	49.78	50.39	50.87	51.07	51.28	51.66	51.87	51.95	52.25	52.56	52.80
18	49.43	49.97	50.45	50.93	51.11	51.23	51.66	51.89	51.94	52.27	52.56	52.81
19	49.47	50.04	50.45	50.94	51.18	51.26	51.68	51.89	51.90	52.27	52.56	52.81
20	49.45	50.03	50.37	50.94	51.19	51.25	51.70	51.89	51.90	52.27	52.57	52.84
21	49.45	49.98	50.42	50.91	51.16	51.21	51.69	51.90	51.91	52.27	52.57	52.87
22	49.48	49.95	50.47	50.91	51.02	51.24	51.66	51.90	51.93	52.27	52.57	52.88
23	49.57	50.02	50.52	50.92	50.99	51.27	51.67	51.87	51.97	52.27	52.57	52.88
24	49.57	50.08	50.46	51.05	51.19	51.31	51.70	51.87	52.01	52.26	52.61	52.89
25	49.56	50.08	50.36	51.07	51.21	51.39	51.65	51.87	52.07	52.28	52.65	52.89
26	49.55	50.09	50.53	51.05	51.21	51.43	51.60	51.87	52.08	52.29	52.67	52.90
27	49.59	50.09	50.60	51.07	51.16	51.43	51.62	51.87	52.08	52.31	52.67	52.90
28	49.59	50.16	50.62	51.14	51.15	51.43	51.69	51.88	52.10	52.31	52.70	52.90
29	49.58	50.16	50.63	51.13	---	51.44	51.71	51.87	52.14	52.31	52.73	52.95
30	49.57	50.09	50.67	51.02	---	51.44	51.72	51.86	52.16	52.32	52.75	53.05
31	49.66	---	50.67	50.97	---	51.55	---	51.86	---	52.35	52.76	---
MEAN	49.39	49.91	50.39	50.86	51.08	51.28	51.63	51.82	51.98	52.23	52.53	52.83
MAX	49.66	50.16	50.67	51.14	51.21	51.55	51.72	51.90	52.16	52.35	52.76	53.05
MIN	49.19	49.65	50.14	50.54	50.93	51.08	51.47	51.71	51.88	52.16	52.37	52.74



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.

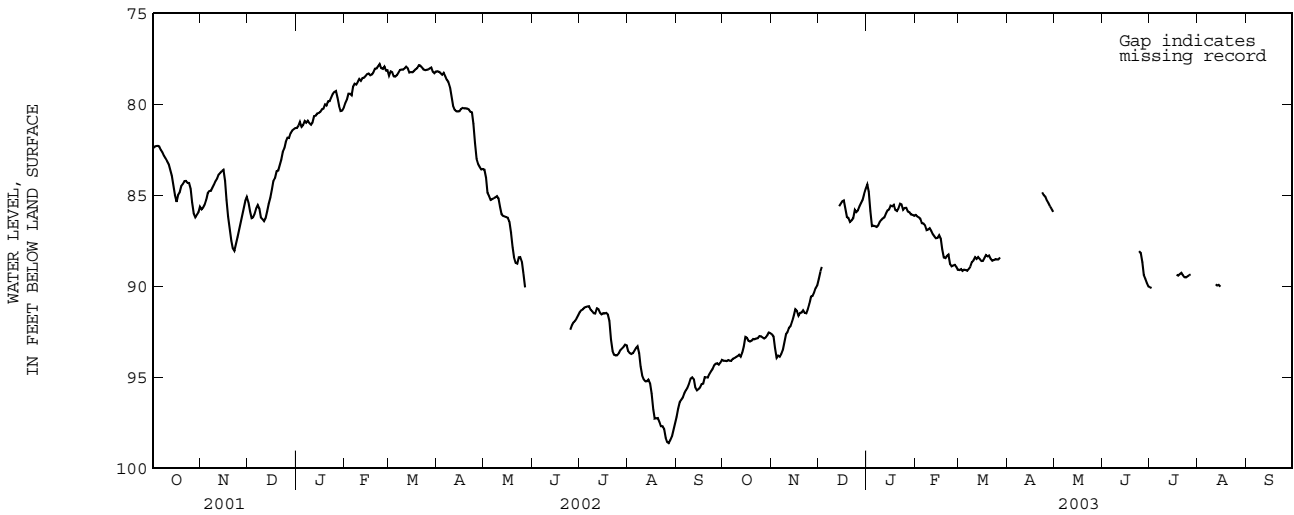
REMARKS.--Geophysical logs available in District files. Well logged to 1866 ft Jan 1990.

PERIOD OF RECORDS.--April 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 1.81 ft below land-surface datum, Jun. 5, 1991; lowest 98.62 ft below land-surface datum, Aug. 27, 2002.

Depth to water level, feet below land surface
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	94.09	92.64	89.59	84.41	86.08	89.10	---	---	---	90.05	---	---
2	94.09	92.76	89.19	84.79	86.16	89.05	---	---	---	90.10	---	---
3	94.11	93.39	88.94	85.86	86.21	89.16	---	---	---	---	---	---
4	94.06	93.93	---	86.69	86.29	89.09	---	---	---	---	---	---
5	94.09	93.81	---	86.67	86.53	89.10	---	---	---	---	---	---
6	94.10	93.87	---	86.69	86.54	89.15	---	---	---	---	---	---
7	93.99	93.73	---	86.74	86.65	89.05	---	---	---	---	---	---
8	93.95	93.50	---	86.66	86.91	88.92	---	---	---	---	---	---
9	93.89	93.07	---	86.46	86.88	88.66	---	---	---	---	---	---
10	93.85	92.63	---	86.35	86.81	88.58	---	---	---	---	---	---
11	93.76	92.51	---	86.26	86.95	88.40	---	---	---	---	---	---
12	93.87	92.28	---	86.21	87.14	88.49	---	---	---	---	89.90	---
13	93.66	92.18	---	86.00	87.27	88.39	---	---	---	---	89.96	---
14	93.31	91.92	85.59	85.82	87.35	88.50	---	---	---	---	89.92	---
15	92.78	91.59	85.45	85.78	87.34	88.61	---	---	---	---	90.02	---
16	92.83	91.26	85.33	85.57	87.19	88.60	---	---	---	---	---	---
17	92.99	91.35	85.28	85.60	87.37	88.45	---	---	---	---	---	---
18	93.04	91.62	85.75	85.52	87.96	88.29	---	---	---	89.36	---	---
19	92.99	91.46	86.20	85.80	88.42	88.36	---	---	---	89.41	---	---
20	92.90	91.44	86.24	85.86	88.45	88.30	---	---	---	89.33	---	---
21	92.91	91.32	86.46	85.72	88.33	88.49	---	---	---	89.26	---	---
22	92.87	91.46	86.38	85.46	88.26	88.59	---	---	---	89.39	---	---
23	92.85	91.49	86.25	85.50	88.77	88.56	84.84	---	---	89.50	---	---
24	92.74	91.28	85.80	85.80	88.90	88.51	85.00	---	88.07	89.51	---	---
25	92.75	90.97	85.92	85.69	88.86	88.52	85.07	---	88.16	89.45	---	---
26	92.81	90.57	85.83	85.68	88.82	88.52	85.29	---	88.68	89.39	---	---
27	92.87	90.53	85.61	85.89	88.92	88.42	85.44	---	89.37	89.34	---	---
28	92.82	90.34	85.43	85.93	89.09	---	85.60	---	89.59	---	---	---
29	92.70	90.10	85.27	86.05	---	---	85.74	---	89.83	---	---	---
30	92.54	89.95	84.93	86.07	---	---	85.91	---	90.02	---	---	---
31	92.58	---	84.64	86.12	---	---	---	---	---	---	---	---
MEAN	93.32	91.97	---	85.92	87.52	---	---	---	---	---	---	---
MAX	94.11	93.93	---	86.74	89.09	---	---	---	---	---	---	---
MIN	92.54	89.95	---	84.41	86.08	---	---	---	---	---	---	---



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.

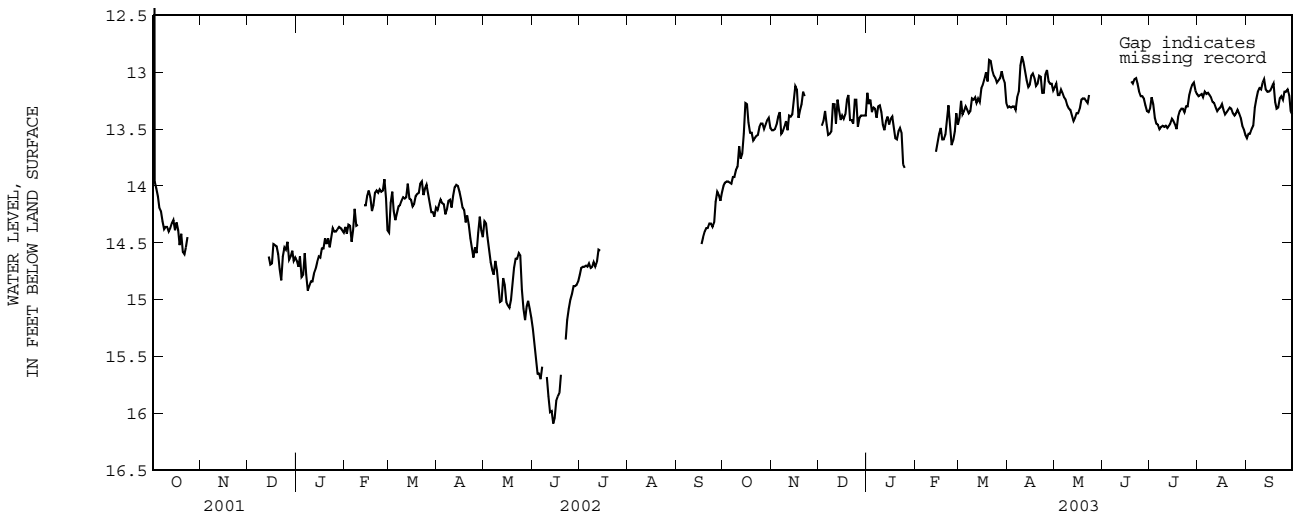
REMARKS.--Water-quality data available in District files. Gamma logged Feb. 15, 1980 to 91 ft. Gamma logged Dec. 18, 1979 to 90 ft.

PERIOD OF RECORD.--February 1980 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 12.27 ft below land-surface datum, Feb. 4, 1998; lowest, 18.97 ft below land-surface datum, June 13, 1985.

Depth to water level, feet below land surface
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14.00	13.51	---	13.18	---	13.40	13.31	13.13	---	13.32	13.21	13.58
2	13.97	13.51	---	13.28	---	13.25	13.30	13.10	---	13.22	13.20	13.54
3	13.96	13.50	13.47	13.24	---	13.37	13.31	13.20	---	13.28	13.19	13.54
4	13.96	13.46	13.43	13.35	---	13.34	13.30	13.20	---	13.40	13.22	13.50
5	13.97	13.39	13.34	13.31	---	13.30	13.30	13.15	---	13.45	13.17	13.47
6	13.98	13.35	13.46	13.32	---	13.33	13.33	13.18	---	13.46	13.19	13.31
7	13.92	13.54	13.55	13.40	---	13.36	13.22	13.22	---	13.50	13.18	13.23
8	13.92	13.52	13.54	13.30	---	13.34	13.17	13.24	---	13.48	13.20	13.17
9	13.86	13.48	13.52	13.29	---	13.23	12.94	13.29	---	13.47	13.22	13.14
10	13.83	13.43	13.28	13.35	---	13.24	12.86	13.32	---	13.48	13.26	13.15
11	13.65	13.51	13.28	13.46	---	13.22	12.91	13.33	---	13.47	13.27	13.09
12	13.76	13.38	13.45	13.51	---	13.27	12.99	13.38	---	13.49	13.31	13.06
13	13.72	13.39	13.24	13.43	---	13.23	13.07	13.43	---	13.47	13.34	13.15
14	13.54	13.37	13.34	13.39	13.70	13.26	13.13	13.40	---	13.45	13.32	13.17
15	13.27	13.24	13.42	13.46	13.62	13.14	13.11	13.36	---	13.41	13.31	13.17
16	13.28	13.12	13.38	13.41	13.54	13.11	13.03	13.36	---	13.43	13.28	13.16
17	13.44	13.15	13.41	13.39	13.49	13.06	13.01	13.32	---	13.46	13.33	13.13
18	13.53	13.40	13.37	13.49	13.59	13.00	13.05	13.24	---	13.50	13.37	13.10
19	13.53	13.33	13.24	13.58	13.59	13.08	13.12	13.23	13.08	13.39	13.35	13.26
20	13.60	13.28	13.20	13.59	13.55	12.89	13.10	13.23	13.10	13.34	13.33	13.32
21	13.58	13.17	13.42	13.52	13.42	12.90	13.03	13.25	13.06	13.32	13.31	13.31
22	13.56	13.21	13.42	13.49	13.29	12.98	13.04	13.27	13.05	13.32	13.32	13.23
23	13.55	---	13.45	13.53	13.47	13.03	13.18	13.20	13.10	13.35	13.36	13.21
24	13.48	---	13.24	13.81	13.64	13.05	13.18	---	13.17	13.30	13.38	13.24
25	13.45	---	13.24	13.84	13.60	13.09	13.02	---	13.21	13.30	13.36	13.17
26	13.45	---	13.48	---	13.52	13.07	12.98	---	13.21	13.20	13.33	13.17
27	13.50	---	13.40	---	13.36	13.05	13.08	---	13.23	13.15	13.36	13.15
28	13.46	---	13.38	---	13.46	12.99	13.10	---	13.29	13.11	13.40	13.20
29	13.42	---	13.38	---	---	13.05	13.10	---	13.34	13.09	13.47	13.34
30	13.40	---	13.38	---	---	13.09	13.16	---	13.35	13.16	13.50	13.37
31	13.49	---	13.38	---	---	13.27	---	---	---	13.19	13.55	---
MEAN	13.65	---	---	---	---	13.16	13.11	---	---	13.35	13.31	13.25
MAX	14.00	---	---	---	---	13.40	13.33	---	---	13.50	13.55	13.58
MIN	13.27	---	---	---	---	12.89	12.86	---	---	13.09	13.17	13.06



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.

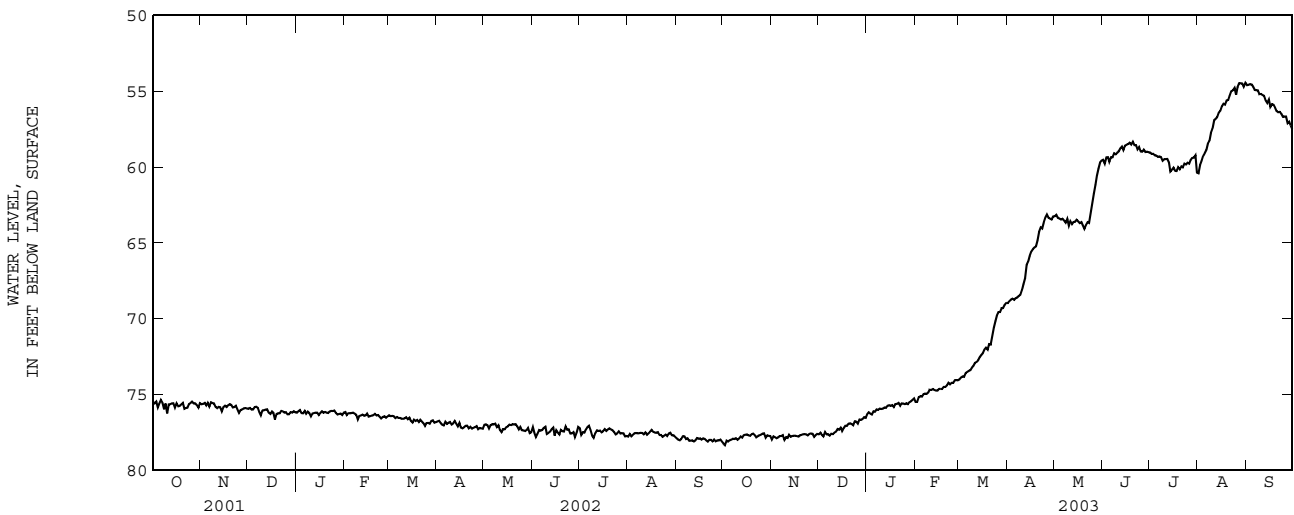
REMARKS.--Geophysical logs available in District files. Water levels are affected by nearby pumpage.

PERIOD OF RECORD.--March 1998 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 54.45 ft below land-surface datum, Aug. 31, 2003; lowest, 78.35 ft below land-surface datum, Oct. 2, 2002.

Depth to water level, feet below land surface
 WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	78.23	77.98	77.63	76.30	75.50	74.02	68.97	63.24	59.51	59.04	60.41	54.59
2	78.35	77.77	77.52	76.18	75.50	73.88	68.85	63.15	59.77	59.13	59.86	54.57
3	78.05	77.82	77.67	76.27	75.18	73.82	68.74	63.35	59.37	59.12	59.58	54.53
4	78.12	77.89	77.78	76.33	75.12	73.84	68.69	63.40	59.35	59.23	59.27	54.55
5	78.03	77.84	77.48	76.12	75.15	73.60	68.76	63.46	59.66	59.24	59.09	54.70
6	77.99	77.75	77.64	76.14	74.99	73.51	68.66	63.41	59.36	59.32	58.88	54.91
7	77.93	77.75	77.63	75.99	74.95	73.45	68.61	63.53	59.36	59.30	58.44	54.93
8	77.95	77.68	77.73	76.02	74.97	73.41	68.50	63.67	59.09	59.35	58.25	54.93
9	77.89	78.00	77.60	75.94	74.89	73.23	68.42	63.42	59.15	59.58	57.74	55.19
10	78.00	77.82	77.62	75.96	74.70	73.11	68.11	63.89	59.06	59.48	57.44	55.17
11	77.91	77.87	77.51	75.94	74.71	72.91	67.73	63.58	58.96	59.47	56.91	55.26
12	77.78	77.66	77.46	75.87	74.64	72.86	67.34	63.77	58.76	59.46	56.81	55.30
13	77.85	77.80	77.28	75.89	74.72	72.75	66.45	63.62	58.65	59.68	56.71	55.61
14	77.68	77.75	77.33	75.75	74.75	72.54	66.22	63.61	58.88	60.30	56.41	55.78
15	77.66	77.72	77.20	75.72	74.75	72.39	65.86	63.48	58.58	60.18	56.28	55.56
16	77.64	77.72	77.42	75.76	74.63	72.29	65.57	63.58	58.52	60.04	55.98	56.03
17	77.70	77.76	77.22	75.71	74.64	72.04	65.42	63.69	58.48	60.25	55.82	55.85
18	77.74	77.79	77.07	75.84	74.64	71.92	65.30	63.63	58.39	60.26	55.88	55.89
19	77.63	77.69	77.07	75.65	74.51	72.04	65.24	63.83	58.51	60.01	55.61	56.08
20	77.59	77.67	76.93	75.62	74.51	71.69	64.84	64.07	58.32	60.15	55.58	56.31
21	77.68	77.63	76.91	75.56	74.40	71.72	64.26	63.82	58.55	59.96	55.29	56.38
22	77.83	77.62	76.95	75.75	74.23	71.16	63.98	63.63	58.55	60.02	55.00	56.36
23	77.76	77.64	77.04	75.59	74.34	70.59	64.05	63.68	58.83	59.78	54.93	56.48
24	77.70	77.70	76.78	75.60	74.23	70.16	63.65	63.07	58.68	59.83	54.77	56.69
25	77.66	77.61	76.80	75.64	74.24	69.80	63.34	62.42	58.98	59.71	55.23	56.66
26	77.59	77.58	76.93	75.58	74.06	69.56	63.13	61.75	58.99	59.78	54.73	56.66
27	77.57	77.60	76.66	75.64	74.05	69.56	63.35	61.17	58.86	59.53	54.47	57.11
28	77.85	77.80	76.68	75.52	74.07	69.31	63.40	60.57	59.01	59.40	54.47	57.00
29	77.70	77.69	76.64	75.45	---	69.30	63.46	60.10	58.99	59.38	54.49	57.24
30	77.74	77.61	76.51	75.36	---	69.09	63.26	59.69	59.02	59.23	54.70	57.49
31	77.75	---	76.55	75.27	---	68.96	---	59.57	---	60.36	54.45	---
MEAN	77.82	77.74	77.20	75.81	74.68	71.89	66.07	62.93	58.94	59.66	56.56	55.79
MAX	78.35	78.00	77.78	76.33	75.50	74.02	68.97	64.07	59.77	60.36	60.41	57.49
MIN	77.57	77.58	76.51	75.27	74.05	68.96	63.13	59.57	58.32	59.04	54.45	54.53



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.

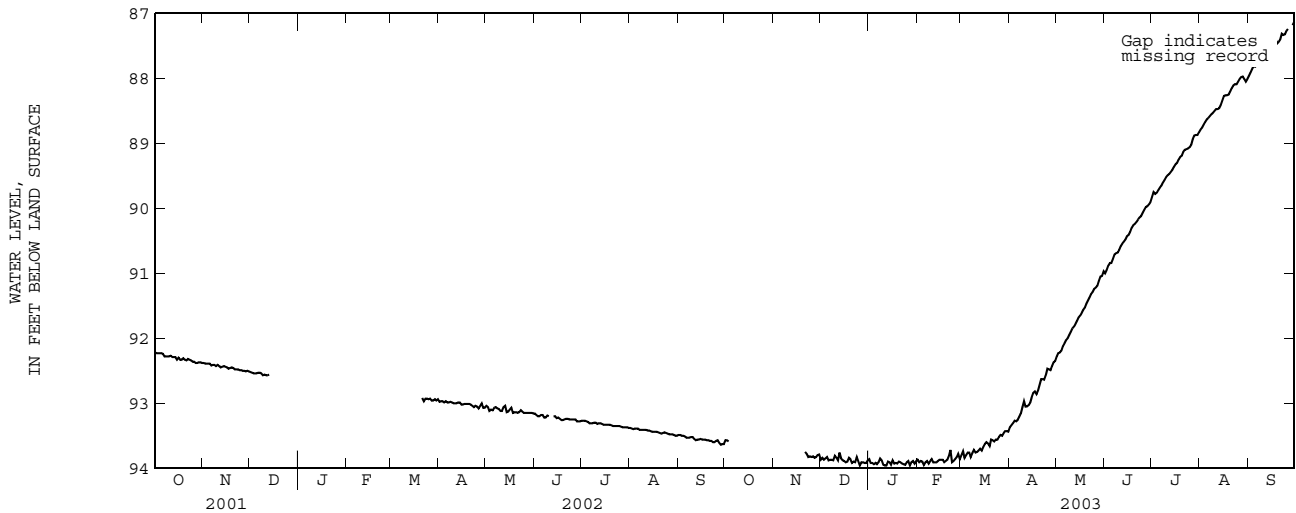
REMARKS.--Geophysical logs available in District files.

PERIOD OF RECORD.--January 1994 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 85.24 ft below land-surface datum, Jan. 5, 1994; lowest, 93.96 ft below land-surface datum, Dec. 26, 2002, Jan. 11, 12, 27, 2003.

Depth to water level, feet below land surface
 WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	93.57	---	93.87	93.86	93.87	93.80	93.37	92.28	91.00	89.83	88.79	87.96
2	93.57	---	93.84	93.92	93.91	93.74	93.34	92.23	90.95	89.75	88.76	87.91
3	93.59	---	93.87	93.92	93.89	93.84	93.31	92.22	90.88	89.78	88.71	87.86
4	---	---	93.85	93.94	93.90	93.80	93.27	92.19	90.84	89.76	88.67	87.81
5	---	---	93.83	93.92	93.95	93.76	93.28	92.12	90.84	89.72	88.63	87.82
6	---	---	93.88	93.94	93.91	93.76	93.26	92.08	90.78	89.68	88.61	87.80
7	---	---	93.87	93.91	93.89	93.83	93.21	92.03	90.71	89.65	88.58	87.74
8	---	---	93.87	93.85	93.93	93.77	93.16	92.00	90.69	89.60	88.55	87.73
9	---	---	93.88	93.88	93.89	93.72	93.06	91.95	90.68	89.56	88.53	87.71
10	---	---	93.81	93.95	93.86	93.76	92.97	91.90	90.64	89.52	88.50	87.69
11	---	---	93.84	93.96	93.91	93.75	93.05	91.85	90.58	89.49	88.47	87.63
12	---	---	93.88	93.96	93.91	93.73	93.05	91.82	90.54	89.47	88.47	87.60
13	---	---	93.76	93.90	93.91	93.70	93.03	91.78	90.51	89.44	88.46	87.59
14	---	---	93.85	93.91	93.89	93.73	92.99	91.73	90.48	89.41	88.41	87.57
15	---	---	93.88	93.95	93.87	93.67	92.91	91.68	90.43	89.36	88.34	87.52
16	---	---	93.89	93.88	93.87	93.63	92.84	91.65	90.41	89.32	88.27	87.52
17	---	---	93.91	93.93	93.87	93.60	92.82	91.61	90.36	89.30	88.26	87.48
18	---	---	93.90	93.92	93.91	93.62	92.86	91.56	90.30	89.25	88.26	87.38
19	---	---	93.84	93.93	93.89	93.66	92.81	91.53	90.26	89.21	88.25	87.46
20	---	---	93.86	93.90	93.87	93.56	92.72	91.47	90.24	89.19	88.20	87.44
21	---	93.75	93.92	93.91	93.81	93.57	92.63	91.42	90.21	89.13	88.15	87.40
22	---	93.78	93.90	93.93	93.72	93.59	92.63	91.37	90.17	89.10	88.11	87.31
23	---	93.83	93.91	93.94	93.91	93.56	92.64	91.32	90.14	89.09	88.09	87.33
24	---	93.82	93.83	93.95	93.89	93.56	92.57	91.29	90.12	89.08	88.09	87.32
25	---	93.83	93.89	93.91	93.86	93.52	92.47	91.24	90.07	89.06	88.05	87.27
26	---	93.82	93.96	93.89	93.83	93.49	92.48	91.22	90.02	89.02	88.01	87.24
27	---	93.84	93.91	93.96	93.78	93.50	92.49	91.19	89.98	88.94	87.98	---
28	---	93.83	93.91	93.91	93.86	93.46	92.43	91.12	89.97	88.88	87.97	---
29	---	93.80	93.92	93.89	---	93.43	92.37	91.05	89.94	88.87	88.01	87.18
30	---	93.79	93.92	93.93	---	93.43	92.35	91.04	89.90	88.87	88.05	87.13
31	---	---	93.88	93.89	---	93.44	---	90.97	---	88.83	88.01	---
MEAN	---	---	93.88	93.92	93.88	93.64	92.88	91.64	90.42	89.33	88.33	---
MAX	---	---	93.96	93.96	93.95	93.84	93.37	92.28	91.00	89.83	88.79	---
MIN	---	---	93.76	93.85	93.72	93.43	92.35	90.97	89.90	88.83	87.97	---



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.

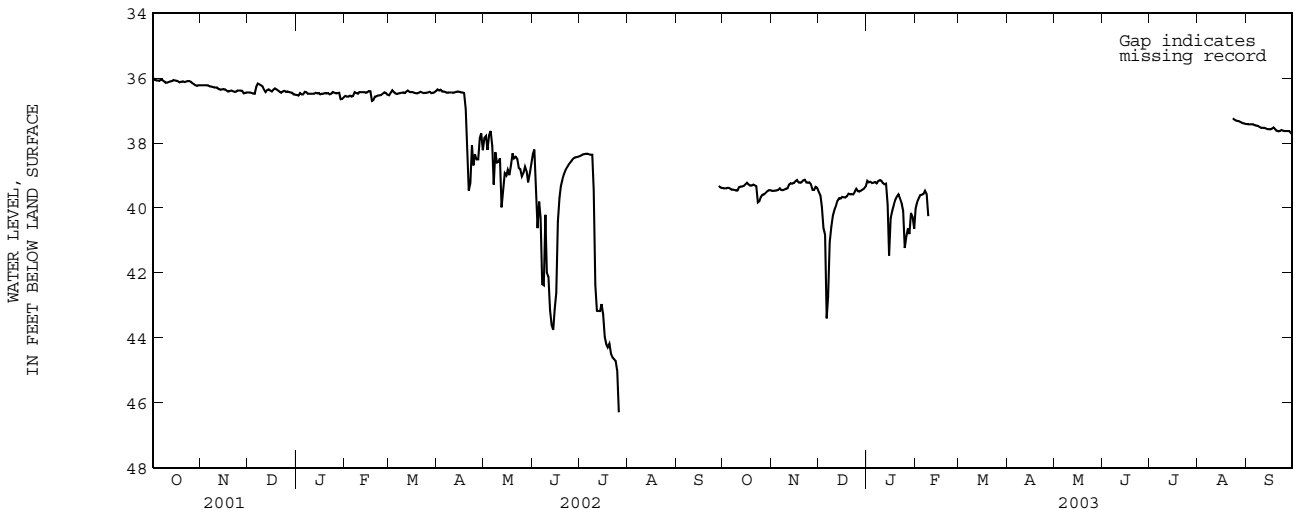
REMARKS.--Geophysical logs available and water-quality data are on file in District office. Water levels are affected by nearby pumpage.

PERIOD OF RECORD.--June 1981 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 13.14 ft below land-surface datum, Apr. 10, 1983; lowest, 46.29 ft below land-surface datum, July 26, 2002.

Depth to water level, feet below land surface
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	39.39	39.47	39.50	39.16	40.01	---	---	---	---	---	---	37.41
2	39.39	39.47	39.61	39.21	39.81	---	---	---	---	---	---	37.42
3	39.39	39.46	39.97	39.19	39.70	---	---	---	---	---	---	37.42
4	39.38	39.46	40.62	39.23	39.60	---	---	---	---	---	---	37.42
5	39.39	39.44	40.82	39.22	39.59	---	---	---	---	---	---	37.42
6	39.43	39.39	43.40	39.20	39.57	---	---	---	---	---	---	37.45
7	39.43	39.44	42.72	39.24	39.47	---	---	---	---	---	---	37.46
8	39.44	39.45	41.05	39.17	39.57	---	---	---	---	---	---	37.47
9	39.46	39.43	40.58	39.14	40.25	---	---	---	---	---	---	37.50
10	39.46	39.40	40.23	39.16	---	---	---	---	---	---	---	37.53
11	39.36	39.39	40.05	39.23	---	---	---	---	---	---	---	37.53
12	39.34	39.28	39.94	39.27	---	---	---	---	---	---	---	37.53
13	39.34	39.24	39.77	39.25	---	---	---	---	---	---	---	37.55
14	39.32	39.25	39.70	39.89	---	---	---	---	---	---	---	37.57
15	39.27	39.23	39.71	41.46	---	---	---	---	---	---	---	37.57
16	39.22	39.18	39.66	40.31	---	---	---	---	---	---	---	37.58
17	39.27	39.14	39.67	40.08	---	---	---	---	---	---	---	37.56
18	39.31	39.21	39.68	39.90	---	---	---	---	---	---	---	37.52
19	39.31	39.22	39.64	39.75	---	---	---	---	---	---	---	37.57
20	39.28	39.21	39.56	39.65	---	---	---	---	---	---	---	37.62
21	39.30	39.15	39.58	39.58	---	---	---	---	---	---	---	37.64
22	39.33	39.13	39.57	39.71	---	---	---	---	---	---	---	37.63
23	39.83	39.21	39.58	39.84	---	---	---	---	---	---	37.24	37.60
24	39.79	39.22	39.50	40.09	---	---	---	---	---	---	37.28	37.62
25	39.66	39.21	39.41	41.23	---	---	---	---	---	---	37.31	37.63
26	39.59	39.27	39.48	40.87	---	---	---	---	---	---	37.32	37.63
27	39.58	39.44	39.49	40.63	---	---	---	---	---	---	37.33	37.63
28	39.53	39.44	39.46	40.80	---	---	---	---	---	---	37.36	37.63
29	39.48	39.35	39.43	40.15	---	---	---	---	---	---	37.38	37.68
30	39.45	39.38	39.40	40.27	---	---	---	---	---	---	37.39	37.73
31	39.45	---	39.34	40.64	---	---	---	---	---	---	37.41	---
MEAN	39.42	39.32	40.00	39.82	---	---	---	---	---	---	---	37.55
MAX	39.83	39.47	43.40	41.46	---	---	---	---	---	---	---	37.73
MIN	39.22	39.13	39.34	39.14	---	---	---	---	---	---	---	37.41



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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.

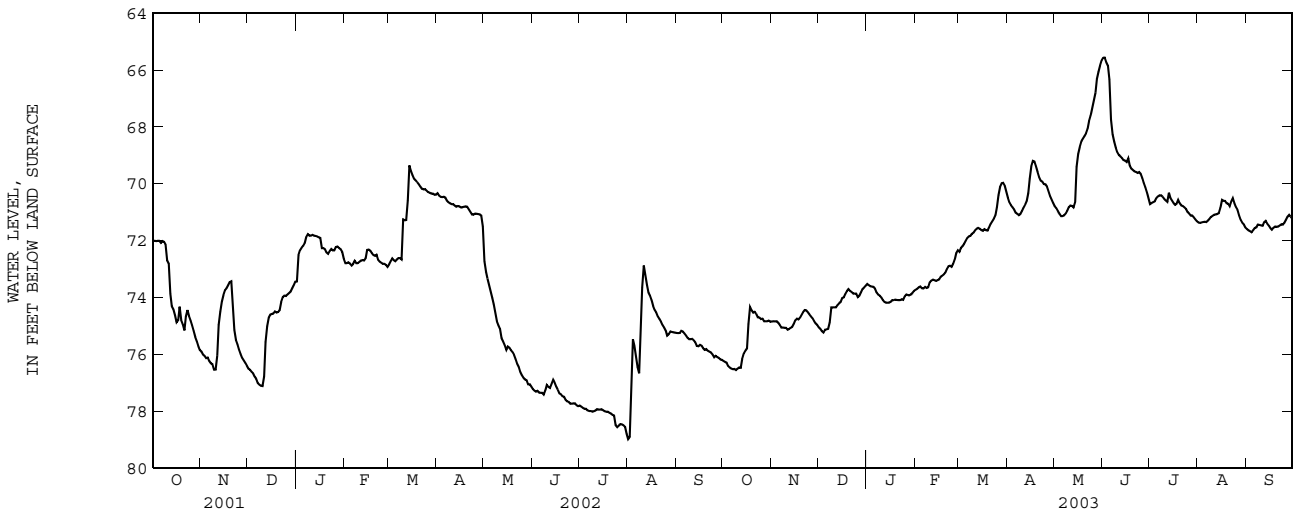
REMARKS.--1959 water-quality data on file in District office. Geophysical logged March 1959 to 800 ft, geophysical logged May 1982 to 695 ft. Water level affected by nearby pumpage.

PERIOD OF RECORD.--January 1982 to July 1986. June 1987 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 54.28 ft below land-surface datum, Jan. 10, 1982; lowest, 92.07 ft below land-surface datum, Aug. 16, 1999.

Depth to water level, feet below land surface
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	76.24	74.85	75.06	73.53	73.73	72.40	70.50	70.80	65.57	70.72	71.37	71.60
2	76.27	74.84	75.11	73.57	73.70	72.26	70.66	70.86	65.56	70.68	71.38	71.65
3	76.30	74.85	75.19	73.61	73.65	72.20	70.76	70.96	65.73	70.65	71.37	71.67
4	76.41	74.84	75.24	73.62	73.62	72.12	70.83	71.06	65.85	70.62	71.35	71.71
5	76.47	74.89	75.14	73.63	73.68	72.01	70.91	71.14	66.33	70.52	71.34	71.64
6	76.51	74.97	75.13	73.69	73.69	71.91	71.02	71.14	67.74	70.45	71.35	71.56
7	76.53	75.06	75.11	73.83	73.63	71.86	71.06	71.12	68.26	70.41	71.30	71.54
8	76.52	75.06	74.88	73.90	73.67	71.84	71.11	71.05	68.52	70.41	71.24	71.44
9	76.56	75.07	74.36	73.94	73.65	71.76	71.07	70.95	68.73	70.46	71.17	71.45
10	76.51	75.07	74.35	74.01	73.48	71.72	70.96	70.82	68.89	70.53	71.13	71.47
11	76.47	75.14	74.35	74.09	73.41	71.64	70.85	70.77	68.99	70.59	71.09	71.48
12	76.48	75.12	74.35	74.16	73.38	71.59	70.75	70.78	69.04	70.64	71.08	71.36
13	76.17	75.07	74.27	74.19	73.40	71.56	70.62	70.84	69.10	70.32	71.07	71.31
14	75.98	75.04	74.21	74.19	73.42	71.59	70.33	70.66	69.17	70.50	71.04	71.41
15	75.88	74.93	74.16	74.19	73.40	71.64	69.83	69.41	69.19	70.59	70.85	71.48
16	75.80	74.81	74.03	74.16	73.37	71.66	69.39	68.95	69.24	70.68	70.57	71.56
17	74.94	74.75	74.00	74.10	73.27	71.60	69.20	68.71	69.11	70.74	70.60	71.62
18	74.34	74.78	73.88	74.10	73.24	71.64	69.22	68.52	69.36	70.71	70.61	71.55
19	74.46	74.71	73.78	74.08	73.20	71.65	69.38	68.42	69.47	70.57	70.69	71.51
20	74.54	74.62	73.71	74.09	73.13	71.54	69.58	68.33	69.52	70.69	70.71	71.52
21	74.51	74.52	73.77	74.10	73.00	71.41	69.77	68.23	69.57	70.77	70.80	71.51
22	74.58	74.45	73.81	74.10	72.91	71.32	69.89	68.07	69.59	70.79	70.63	71.47
23	74.70	74.46	73.87	74.07	72.89	71.23	69.92	67.80	69.62	70.83	70.51	71.43
24	74.71	74.52	73.87	74.09	72.93	71.11	70.01	67.60	69.59	70.89	70.69	71.44
25	74.76	74.60	73.87	73.97	72.82	70.83	70.02	67.34	69.65	71.00	70.83	71.38
26	74.75	74.67	73.99	73.90	72.66	70.40	70.10	67.06	69.80	71.05	70.92	71.27
27	74.84	74.74	73.94	73.92	72.44	70.11	70.27	66.80	69.97	71.12	71.12	71.16
28	74.84	74.84	73.82	73.93	72.34	69.99	70.43	66.31	70.13	71.12	71.28	71.10
29	74.84	74.92	73.71	73.90	---	69.97	70.55	66.06	70.31	71.19	71.38	71.16
30	74.82	74.97	73.66	73.84	---	70.07	70.68	65.84	70.53	71.26	71.43	71.22
31	74.86	---	73.59	73.77	---	70.29	---	65.66	---	71.32	71.54	---
MEAN	75.54	74.84	74.26	73.94	73.28	71.38	70.32	69.10	68.74	70.74	71.05	71.46
MAX	76.56	75.14	75.24	74.19	73.73	72.40	71.11	71.14	70.53	71.32	71.54	71.71
MIN	74.34	74.45	73.59	73.53	72.34	69.97	69.20	65.66	65.56	70.32	70.51	71.10



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

GREENVILLE COUNTY

WELL NUMBER.--350622082373608. Local number, GRV-712.

LOCATION.--Lat 35°06'22'', long 82°37'36'', Hydrologic Unit 03050109, at Caesars Head State Park, near weather station. Owner: South Carolina Department of Parks, Recreation, and Tourism.

AQUIFER.--Paleozoic Granite.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 450 ft, cased to 28 ft, open hole from 28 to 450 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute collection interval.

DATUM.--Land-surface datum is 3150 ft above sea level. Measuring point: Top of casing, 0.46 ft above land-surface datum.

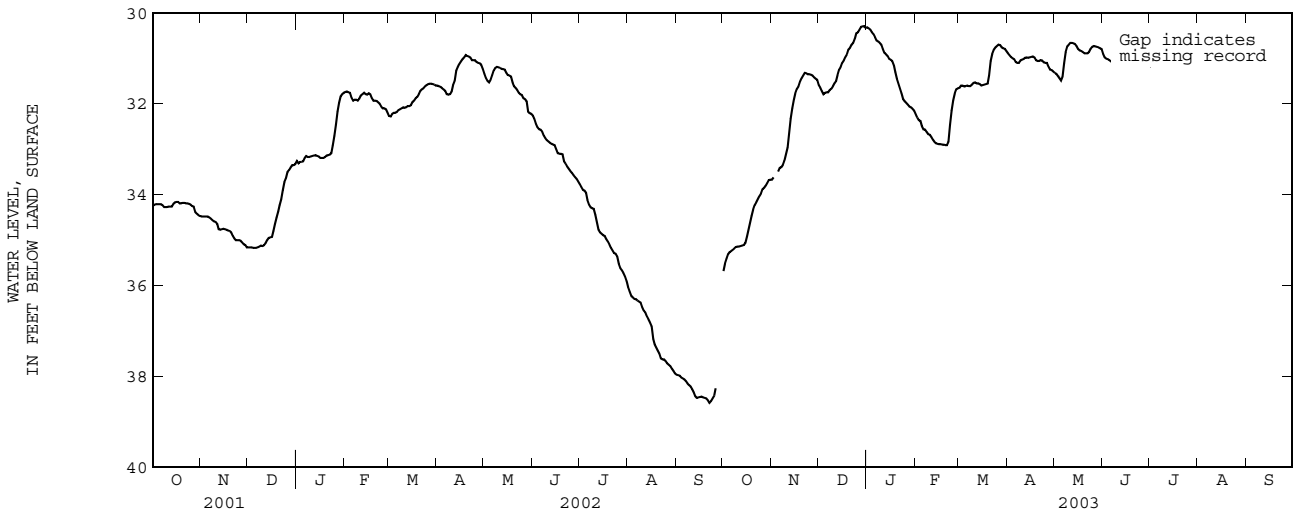
REMARKS.--Geophysical logs available in District files.

PERIOD OF RECORD.--October 1993 to July 2003 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 26.58 ft below land-surface datum, Aug. 18 - 19, 1994; lowest, 38.49 ft below land-surface datum, Nov. 8, 2000.

Depth to water level, feet below land surface
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	35.68	33.67	31.59	30.32	32.22	31.65	30.89	31.32	30.90	31.15	---	---
2	35.51	33.62	31.65	30.34	32.30	31.60	30.93	31.34	30.98	31.02	---	---
3	35.40	---	31.72	30.37	32.36	31.60	30.97	31.39	31.01	30.79	---	---
4	35.31	---	31.79	30.43	32.38	31.62	31.00	31.44	31.02	30.72	---	---
5	35.26	33.49	31.76	30.47	32.49	31.61	31.02	31.49	31.04	30.68	---	---
6	35.24	33.41	31.75	30.53	32.56	31.60	31.08	31.41	31.07	30.65	---	---
7	35.21	33.40	31.75	30.61	32.57	31.61	31.10	31.11	31.04	30.63	---	---
8	35.18	33.35	31.70	30.63	32.62	31.61	31.10	30.86	30.80	30.62	---	---
9	35.15	33.25	31.67	30.66	32.67	31.58	31.05	30.74	30.63	30.61	---	---
10	35.14	33.11	31.62	30.70	32.68	31.54	31.03	30.70	30.59	30.63	---	---
11	35.14	32.96	31.55	30.79	32.73	31.53	31.02	30.66	30.56	30.65	---	---
12	35.13	32.66	31.51	30.88	32.79	31.55	30.99	30.66	30.47	30.73	---	---
13	35.12	32.33	31.37	30.91	32.84	31.55	30.98	30.67	30.41	30.78	---	---
14	35.11	32.10	31.25	30.95	32.87	31.57	30.99	30.69	30.42	30.82	---	---
15	35.06	31.91	31.19	31.01	32.88	31.60	30.98	30.73	30.44	---	---	---
16	34.92	31.77	31.10	31.03	32.89	31.59	30.97	30.80	30.45	---	---	---
17	34.78	31.67	31.05	31.06	32.89	31.58	30.96	30.83	30.46	---	---	---
18	34.62	31.62	30.97	31.15	32.90	31.57	30.98	30.84	30.46	---	---	---
19	34.46	31.51	30.91	31.30	32.90	31.56	31.04	30.86	30.51	---	---	---
20	34.32	31.44	30.81	31.45	32.91	31.38	31.06	30.89	30.56	---	---	---
21	34.23	31.38	30.77	31.56	32.91	31.06	31.06	30.89	30.60	---	---	---
22	34.17	31.32	30.70	31.67	32.84	30.90	31.04	30.89	30.64	---	---	---
23	34.10	31.33	30.66	31.77	32.46	30.81	31.05	30.86	30.71	---	---	---
24	34.03	31.35	30.57	31.90	32.15	30.76	31.09	30.79	30.77	---	---	---
25	33.98	31.35	30.45	31.95	31.92	30.73	31.10	30.75	30.82	---	---	---
26	33.88	31.36	30.43	31.98	31.77	30.70	31.10	30.73	30.84	---	---	---
27	33.85	31.38	30.37	32.02	31.68	30.71	31.19	30.74	30.86	---	---	---
28	33.80	31.42	30.31	32.06	31.66	30.76	31.25	30.75	30.95	---	---	---
29	33.74	31.45	30.30	32.08	---	30.78	31.26	30.76	31.04	---	---	---
30	33.68	31.47	30.29	32.11	---	30.79	31.29	30.78	31.09	---	---	---
31	33.67	---	30.33	32.15	---	30.84	---	30.80	---	---	---	---
MEAN	34.67	---	31.09	31.19	32.53	31.30	31.05	30.91	30.74	---	---	---
MAX	35.68	---	31.79	32.15	32.91	31.65	31.49	31.49	31.09	---	---	---
MIN	33.67	---	30.29	30.32	31.66	30.70	30.89	30.66	30.41	---	---	---



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

GREENVILLE COUNTY--Continued

WELL NUMBER.--345415082154900. Local number, GRV-2162.

LOCATION.--Lat 34°54'15'', long 82°15'49'', Hydrologic Unit 03050109, at East Riverside Park northeast of Greenville. Owner: Greenville County Recreation District.

AQUIFER.--Sillimanite Mica Schist/Lower Cambrian Paris Mountain Thrust Sheet.

WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 6 in, depth 169 ft, cased to 81 ft, open hole from 81 to 169 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute collection interval.

DATUM.--Land-surface datum is 875 ft above sea level. Measuring point: Top of casing, 1.53 ft above land-surface datum.

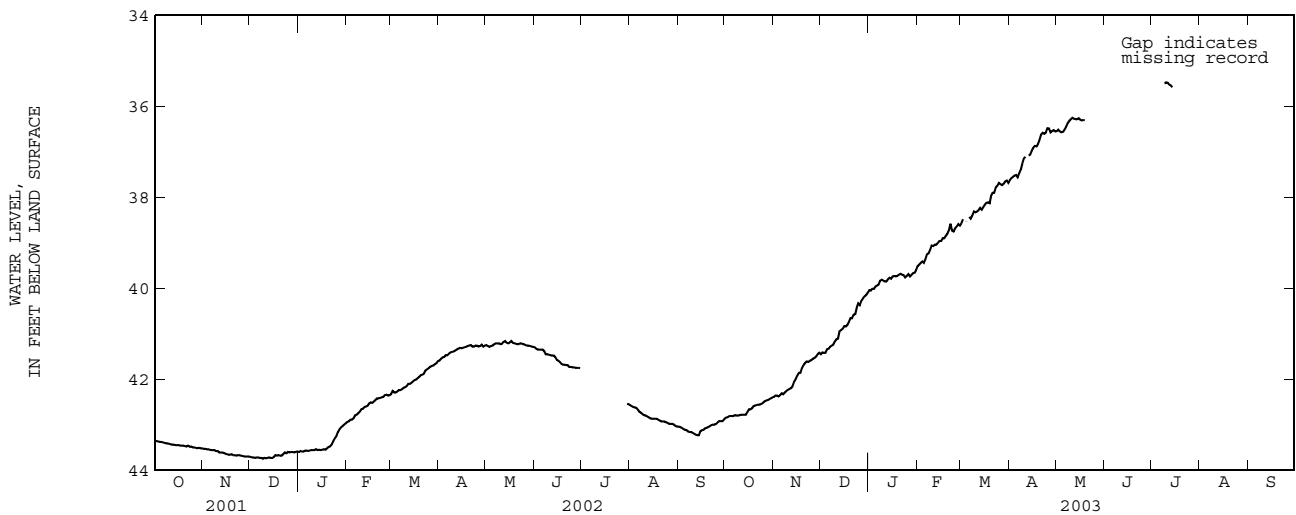
REMARKS.--Geophysical logs available in District files.

PERIOD OF RECORD.--June 2001 to July 2003 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 35.47 ft below land-surface datum, July 10, 2003; lowest, 43.75 ft below land-surface datum, Dec. 9, 2001.

Depth to water level, feet below land surface
 WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	42.85	42.39	41.45	40.04	39.51	38.57	37.62	36.54	---	---	---	---
2	42.84	42.36	41.41	40.05	39.48	38.48	37.58	36.51	---	---	---	---
3	42.82	42.36	41.42	40.01	39.44	---	37.55	36.55	---	---	---	---
4	42.81	42.38	41.42	40.01	39.41	38.53	37.52	36.57	---	---	---	---
5	42.81	42.35	41.34	39.96	39.44	---	37.51	36.56	---	---	---	---
6	42.81	42.31	41.33	39.94	39.36	38.43	37.56	36.51	---	---	---	---
7	42.79	42.33	41.29	39.92	39.25	38.47	37.47	36.45	---	---	---	---
8	42.80	42.29	41.26	39.83	39.23	38.40	37.39	36.37	---	---	---	---
9	42.80	42.26	41.24	39.81	39.15	38.31	37.25	36.32	---	35.50	---	---
10	42.79	42.23	41.17	39.83	39.06	38.33	37.14	36.28	---	35.47	---	---
11	42.78	42.21	41.12	39.85	39.07	38.31	37.11	36.25	---	35.48	---	---
12	42.78	42.20	41.11	39.85	39.04	38.28	---	36.27	---	35.52	---	---
13	42.78	42.15	40.94	39.80	39.04	38.23	37.08	36.28	---	35.54	---	---
14	42.78	42.05	40.92	39.77	39.00	38.27	37.06	36.28	---	35.58	---	---
15	42.72	41.99	40.89	39.79	38.96	38.21	36.98	36.26	---	---	---	---
16	42.66	41.92	40.83	39.74	38.96	38.16	36.91	36.29	---	---	---	---
17	42.66	41.86	40.84	39.73	38.90	38.12	36.87	36.31	---	---	---	---
18	42.64	41.86	40.81	39.74	38.90	38.11	36.88	36.30	---	---	---	---
19	42.59	41.75	40.74	39.73	38.85	38.13	36.83	36.31	---	---	---	---
20	42.58	41.69	40.66	39.70	38.80	37.97	36.74	---	---	---	---	---
21	42.57	41.64	40.66	39.68	38.72	37.90	36.62	---	---	---	---	---
22	42.56	41.61	40.58	39.70	38.58	37.90	36.58	---	---	---	---	---
23	42.56	41.62	40.57	39.71	38.73	37.78	36.60	---	---	---	---	---
24	42.54	41.60	40.42	39.76	38.75	37.74	36.58	---	---	---	---	---
25	42.52	41.58	40.33	39.73	38.68	37.68	36.48	---	---	---	---	---
26	42.49	41.55	40.37	39.69	38.64	37.71	36.48	---	---	---	---	---
27	42.47	41.53	40.27	39.74	38.59	37.73	36.57	---	---	---	---	---
28	42.46	41.50	40.22	39.71	38.62	37.70	36.54	---	---	---	---	---
29	42.44	41.45	40.18	39.67	---	37.65	36.52	---	---	---	---	---
30	42.42	41.42	40.15	39.66	---	37.63	36.55	---	---	---	---	---
31	42.40	---	40.10	39.60	---	37.68	---	---	---	---	---	---
MEAN	42.66	41.95	40.84	39.80	39.01	---	---	---	---	---	---	---
MAX	42.85	42.39	41.45	40.05	39.51	---	---	---	---	---	---	---
MIN	42.40	41.42	40.10	39.60	38.58	---	---	---	---	---	---	---



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).

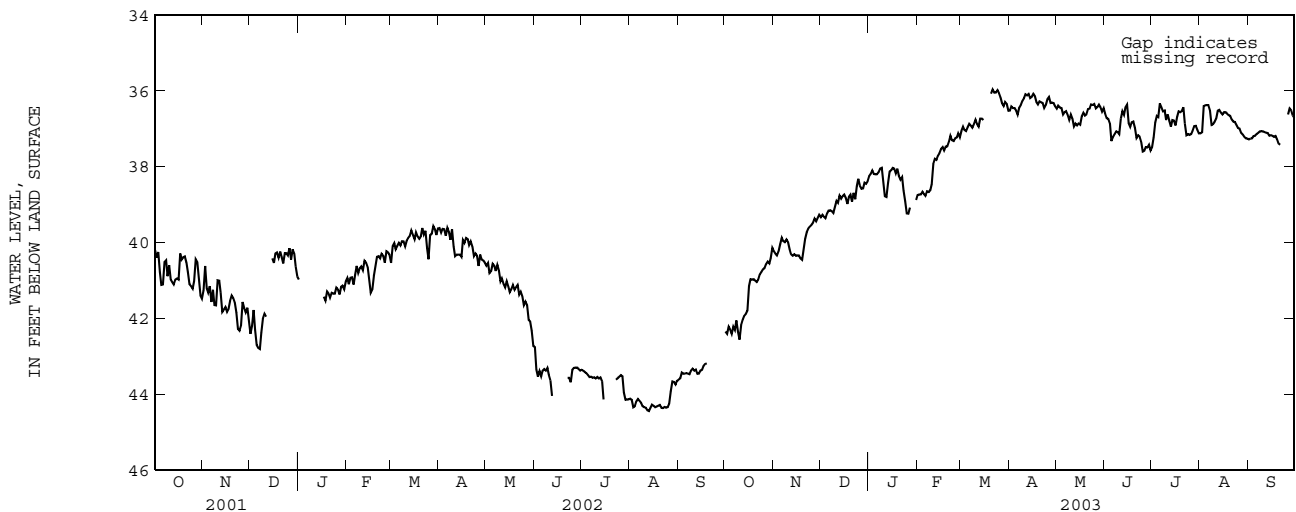
REMARKS.--Geophysical logs available in District files. Logged to a depth of 113 ft, August 1993 (original depth, 190 ft).

PERIOD OF RECORD.--May 1977 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 32.26 ft below land-surface datum, Apr. 24, 1983; lowest, 44.45 ft below land-surface datum, Aug. 13, 2002.

Depth to water level, feet below land surface
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	42.35	40.23	39.33	38.24	38.75	37.05	36.52	36.47	36.60	37.49	37.12	37.28
2	42.41	40.30	39.27	38.19	38.73	36.94	36.41	36.39	36.72	37.23	37.09	37.26
3	42.22	40.34	39.32	38.10	38.73	37.03	36.45	36.44	36.74	36.83	36.40	37.25
4	42.29	40.23	39.36	38.19	38.66	37.06	36.45	36.45	36.86	36.66	36.38	37.19
5	42.41	40.04	39.24	38.20	38.72	36.96	36.52	36.62	37.32	36.69	36.37	37.18
6	42.22	39.87	39.16	38.20	38.77	36.87	36.62	36.56	37.22	36.33	36.37	37.13
7	42.31	39.96	39.15	38.15	38.65	36.91	36.44	36.53	37.14	36.43	36.51	37.10
8	42.06	39.99	39.17	38.05	38.67	36.97	36.37	36.63	37.07	36.54	36.90	37.07
9	42.35	39.92	39.22	38.03	38.62	36.88	36.26	36.77	37.09	36.52	36.88	37.06
10	42.56	39.99	39.06	38.44	38.46	36.76	36.19	36.62	37.14	36.77	36.82	37.07
11	42.18	40.18	38.90	38.78	37.93	36.88	36.09	36.72	36.73	36.62	36.73	37.09
12	42.04	40.31	38.95	38.80	37.79	36.94	36.12	36.94	36.53	36.79	36.52	37.10
13	41.94	40.35	38.76	38.43	37.82	36.73	36.08	36.86	36.63	36.94	36.50	37.11
14	41.89	40.31	38.84	38.13	37.71	36.73	36.19	36.91	36.43	36.77	36.57	37.18
15	41.80	40.35	38.77	38.10	37.64	36.77	36.16	36.86	36.36	36.78	36.62	37.17
16	41.15	40.34	38.73	38.03	37.53	---	36.08	36.89	36.85	36.91	36.56	37.18
17	40.97	40.34	38.82	38.05	37.48	---	36.14	36.67	36.95	36.68	36.56	37.21
18	40.98	40.42	38.98	38.18	37.57	---	36.30	36.58	36.83	36.54	36.60	37.19
19	40.97	40.46	38.79	38.05	37.47	---	36.36	36.65	36.81	36.56	36.64	37.28
20	41.01	40.20	38.74	38.24	37.46	36.07	36.28	36.62	36.97	36.53	36.66	37.39
21	41.04	39.90	38.92	38.34	37.34	35.96	36.30	36.48	37.24	36.43	36.75	37.42
22	40.98	39.73	38.69	38.27	37.18	36.04	36.32	36.47	37.17	36.86	36.81	---
23	40.84	39.63	38.86	38.63	37.30	36.04	36.45	36.36	37.20	37.17	36.82	---
24	40.77	39.58	38.51	38.91	37.32	35.98	36.37	36.37	37.34	37.14	36.90	---
25	40.71	39.54	38.32	39.23	37.25	36.05	36.22	36.34	37.60	37.16	36.98	---
26	40.68	39.48	38.50	39.24	37.23	36.17	36.16	36.46	37.58	37.14	36.99	36.62
27	40.57	39.37	38.58	39.08	37.12	36.33	36.32	36.42	37.48	37.05	37.10	36.46
28	40.50	39.44	38.57	---	37.22	36.40	36.31	36.36	37.49	36.93	37.15	36.51
29	40.55	39.36	38.42	---	---	36.29	36.32	36.43	37.42	36.92	37.21	36.64
30	40.41	39.27	38.45	---	---	36.34	36.41	36.55	37.57	37.03	37.25	36.71
31	40.14	---	38.38	38.88	---	36.52	---	36.46	---	37.12	37.26	---
MEAN	41.46	39.98	38.86	---	37.90	---	36.31	36.58	37.04	36.82	36.77	---
MAX	42.56	40.46	39.36	---	38.77	---	36.62	36.94	37.60	37.49	37.26	---
MIN	40.14	39.27	38.32	---	37.12	---	36.08	36.34	36.36	36.33	36.37	---



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

KERSHAW COUNTY

WELL NUMBER.--343330080263700. Local number, KER-263.

LOCATION.--Lat 34°33'30'', long 80°26'37'', Hydrologic Unit 03040202, Northwest of Bethune, at Mt. Pisgah School, across from office. Owner: Bethune Rural Water Company.

AQUIFER.--Paleozoic Argillite.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6.25 in, depth 455 ft, cased to 103 ft, open hole from 103 to 455 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute collection interval.

DATUM.--Land-surface datum is 470 ft above sea level. Measuring point: Top of casing, 1.45 ft above land-surface datum.

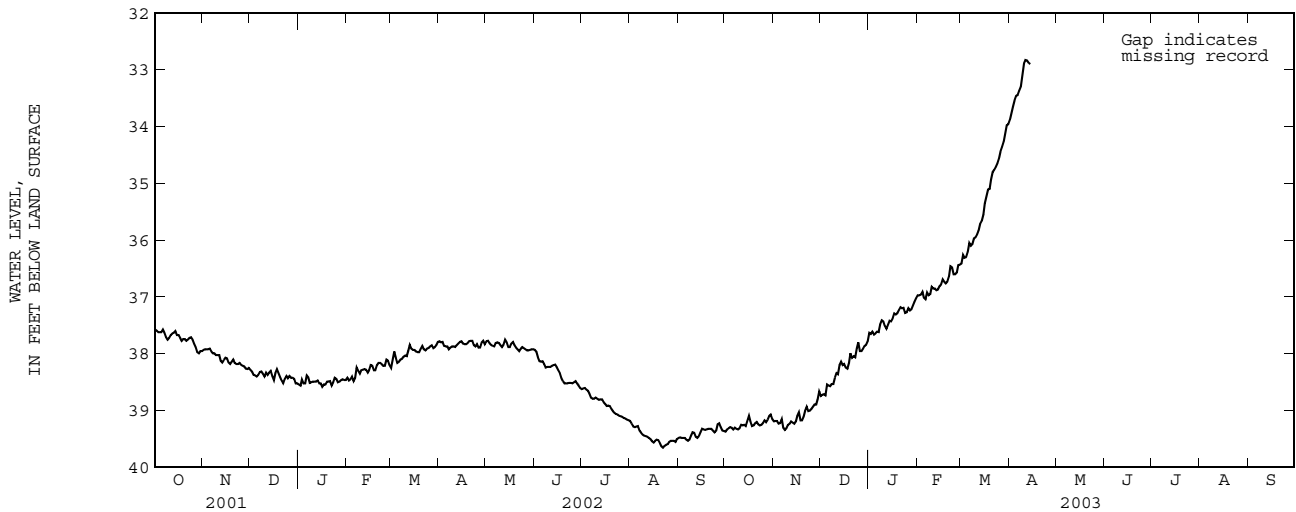
REMARKS.--Geophysical logs available in District files.

PERIOD OF RECORD.--October 1993 to April 2003 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 28.19 ft below land-surface datum, Apr. 9, 1998; lowest, 39.65 ft below land-surface datum, Aug. 22, 2002.

Depth to water level, feet below land surface
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	39.37	39.19	38.74	37.63	36.97	36.41	33.88	---	---	---	---	---
2	39.33	39.18	38.72	37.65	36.97	36.26	33.77	---	---	---	---	---
3	39.31	39.18	38.71	37.61	36.96	36.31	33.65	---	---	---	---	---
4	39.29	39.23	38.73	37.66	36.91	36.30	33.54	---	---	---	---	---
5	39.30	39.22	38.54	37.64	37.01	36.21	33.46	---	---	---	---	---
6	39.33	39.15	38.56	37.61	37.04	36.05	33.45	---	---	---	---	---
7	39.30	39.30	38.57	37.62	36.92	36.10	33.37	---	---	---	---	---
8	39.32	39.34	38.53	37.48	36.97	36.07	33.30	---	---	---	---	---
9	39.33	39.31	38.53	37.41	36.95	35.97	33.10	---	---	---	---	---
10	39.31	39.25	38.42	37.43	36.82	35.95	32.89	---	---	---	---	---
11	39.25	39.23	38.34	37.51	36.85	35.90	32.83	---	---	---	---	---
12	39.26	39.19	38.36	37.56	36.85	35.83	32.84	---	---	---	---	---
13	39.25	39.21	38.20	37.49	36.88	35.71	32.88	---	---	---	---	---
14	39.27	39.23	38.14	37.42	36.87	35.66	32.90	---	---	---	---	---
15	39.18	39.19	38.20	37.43	36.81	35.55	---	---	---	---	---	---
16	39.09	39.09	38.18	37.38	36.78	35.35	---	---	---	---	---	---
17	39.19	39.03	38.24	37.29	36.69	35.23	---	---	---	---	---	---
18	39.27	39.17	38.26	37.31	36.73	35.11	---	---	---	---	---	---
19	39.26	39.17	38.16	37.29	36.76	35.10	---	---	---	---	---	---
20	39.22	39.11	37.99	37.23	36.73	34.93	---	---	---	---	---	---
21	39.20	39.00	38.07	37.18	36.64	34.80	---	---	---	---	---	---
22	39.24	38.93	38.04	37.20	36.46	34.76	---	---	---	---	---	---
23	39.26	39.01	38.06	37.19	36.48	34.71	---	---	---	---	---	---
24	39.25	39.00	37.90	37.28	36.60	34.65	---	---	---	---	---	---
25	39.22	38.97	37.80	37.27	36.60	34.57	---	---	---	---	---	---
26	39.17	38.93	37.95	37.20	36.57	34.44	---	---	---	---	---	---
27	39.20	38.89	37.95	37.24	36.44	34.36	---	---	---	---	---	---
28	39.16	38.89	37.91	37.22	36.43	34.27	---	---	---	---	---	---
29	39.09	38.80	37.86	37.15	---	34.13	---	---	---	---	---	---
30	39.07	38.66	37.84	37.08	---	33.98	---	---	---	---	---	---
31	39.15	---	37.78	37.02	---	33.96	---	---	---	---	---	---
MEAN	39.24	39.10	38.23	37.38	36.77	35.31	---	---	---	---	---	---
MAX	39.37	39.34	38.74	37.66	37.04	36.41	---	---	---	---	---	---
MIN	39.07	38.66	37.78	37.02	36.43	33.96	---	---	---	---	---	---



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.

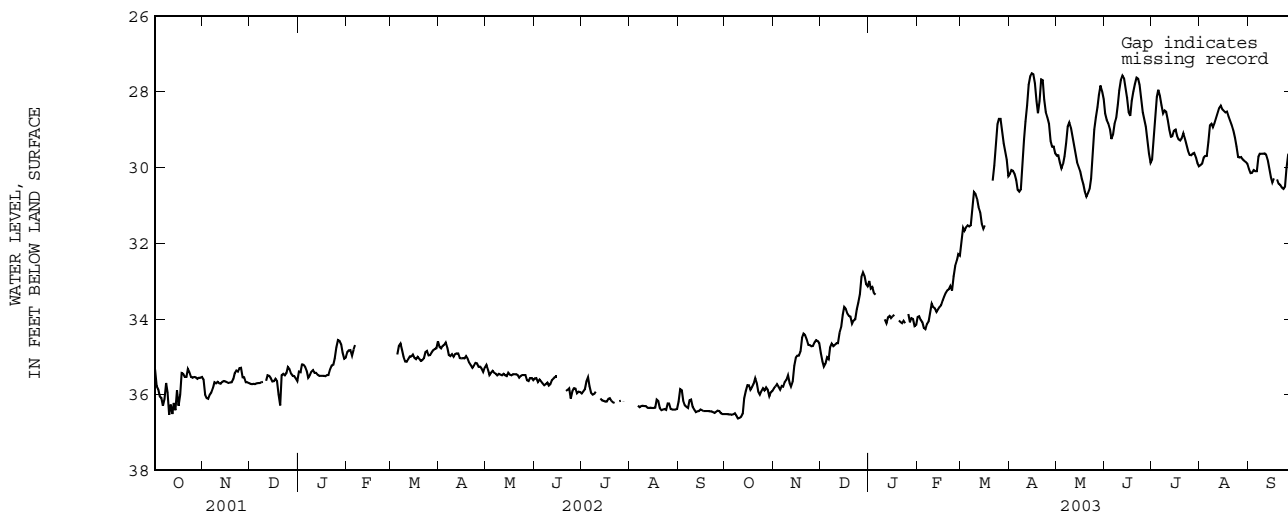
REMARKS.--1957 water-quality data on file in District office. Water level affected by nearby pumpage.

PERIOD OF RECORD.--July 1981 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 22.67 ft below land-surface datum, Apr. 18, 1983; lowest, 36.63 ft below land-surface datum, Oct. 9, 2002.

Depth to water level, feet below land surface
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	36.51	35.83	34.90	33.00	33.95	31.98	30.17	29.69	28.58	29.80	29.94	30.04
2	36.51	35.78	35.12	33.20	33.93	31.59	30.07	29.68	28.75	29.27	29.90	30.15
3	36.52	35.72	35.26	33.16	34.03	31.67	30.09	29.87	28.84	28.71	29.74	30.14
4	36.52	35.79	35.18	33.32	34.09	31.58	30.17	30.03	28.99	28.14	29.70	30.07
5	36.53	35.87	35.01	33.36	34.24	31.53	30.33	29.91	29.25	27.95	29.70	30.10
6	36.52	35.77	35.06	---	34.27	31.56	30.59	29.71	29.14	28.11	29.33	30.10
7	36.49	35.79	34.75	---	34.13	31.53	30.64	29.36	28.85	28.36	28.89	29.72
8	36.55	35.66	34.65	---	34.06	31.13	30.58	28.92	28.70	28.58	28.85	29.64
9	36.63	35.61	34.72	---	33.81	30.65	29.95	28.81	28.35	28.50	28.94	29.64
10	36.61	35.49	34.68	---	33.59	30.70	29.26	28.95	27.97	28.53	28.83	29.64
11	36.58	35.69	34.64	34.01	33.69	30.84	28.79	29.16	27.70	28.74	28.69	29.63
12	36.50	35.79	34.64	34.11	33.72	31.05	28.37	29.38	27.58	29.00	28.55	29.66
13	36.09	35.66	34.37	33.96	33.81	31.18	27.82	29.62	27.65	29.19	28.43	29.80
14	35.90	35.24	34.22	33.92	33.75	31.49	27.59	29.87	27.89	29.18	28.37	30.02
15	35.75	35.02	33.89	33.98	33.68	31.62	27.52	29.98	28.17	29.03	28.47	30.26
16	35.75	34.97	33.68	33.93	33.64	31.53	27.54	30.10	28.54	29.00	28.51	30.40
17	35.87	34.97	33.73	33.89	33.51	---	27.78	30.30	28.64	29.17	28.55	30.29
18	35.80	34.86	33.86	---	33.41	---	28.25	30.45	28.25	29.26	28.53	---
19	35.71	34.49	33.92	---	33.31	---	28.57	30.64	28.00	29.29	28.66	30.32
20	35.56	34.39	33.94	34.04	33.24	---	28.25	30.77	27.80	29.23	28.78	30.43
21	35.68	34.43	34.13	34.08	33.21	30.35	27.68	30.68	27.63	29.10	28.88	30.46
22	35.92	34.54	34.04	34.11	33.13	29.95	27.70	30.57	27.66	29.23	29.02	30.53
23	36.00	34.68	34.01	34.05	33.25	29.40	28.21	30.30	27.82	29.40	29.21	30.57
24	35.90	34.69	33.74	34.11	32.88	28.86	28.54	29.61	28.16	29.56	29.45	30.51
25	35.83	34.72	33.57	---	32.60	28.72	28.68	29.00	28.54	29.67	29.73	30.04
26	35.89	34.71	33.35	33.87	32.46	28.72	28.85	28.68	28.74	29.68	29.74	29.69
27	35.81	34.62	32.89	34.09	32.29	29.05	29.30	28.41	28.92	29.64	29.73	29.74
28	35.87	34.56	32.77	33.98	32.33	29.37	29.45	28.09	29.26	29.62	29.79	29.92
29	36.04	34.58	32.86	34.00	---	29.58	29.45	27.84	29.64	29.73	29.83	30.18
30	35.94	34.64	33.08	34.19	---	29.80	29.63	27.99	29.88	29.89	29.86	30.30
31	35.90	---	33.14	34.16	---	30.23	---	28.20	---	29.97	29.90	---
MEAN	36.12	35.15	34.12	---	33.50	---	28.99	29.50	28.46	29.11	29.18	---
MAX	36.63	35.87	35.26	---	34.27	---	30.64	30.77	29.88	29.97	29.94	---
MIN	35.56	34.39	32.77	---	32.29	---	27.52	27.84	27.58	27.95	28.37	---



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.

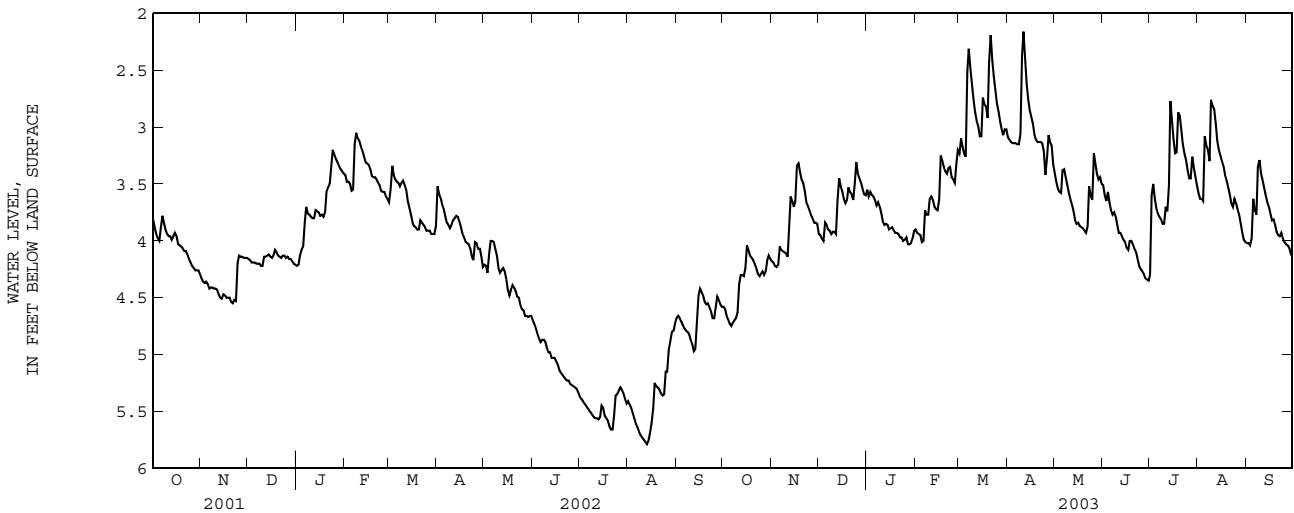
REMARKS.--1971 Gamma and Caliper logged to 297 ft.

PERIOD OF RECORD.--January 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 0.85 ft below land-surface datum, Feb. 2, 1973; lowest, 5.79 ft below land-surface datum, Aug. 13, 2002.

Depth to water level, feet below land surface
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.58	4.18	3.94	3.55	3.90	3.23	3.09	3.41	3.51	4.30	3.58	4.02
2	4.60	4.19	3.95	3.61	3.93	3.10	3.11	3.48	3.60	3.60	3.63	4.02
3	4.66	4.22	3.98	3.57	3.94	3.17	3.13	3.54	3.65	3.50	3.63	4.04
4	4.69	4.23	4.00	3.60	3.95	3.23	3.14	3.57	3.57	3.63	3.65	3.98
5	4.73	4.21	3.84	3.61	4.01	3.26	3.14	3.58	3.66	3.71	3.08	3.63
6	4.75	4.05	3.86	3.64	4.00	2.51	3.14	3.38	3.73	3.76	3.16	3.73
7	4.72	4.08	3.90	3.69	3.73	2.31	3.15	3.37	3.77	3.79	3.20	3.77
8	4.70	4.09	3.91	3.66	3.77	2.48	3.15	3.44	3.75	3.81	3.30	3.35
9	4.68	4.10	3.94	3.70	3.77	2.61	3.06	3.51	3.79	3.85	2.76	3.29
10	4.63	4.11	3.92	3.76	3.63	2.76	2.37	3.58	3.86	3.85	2.81	3.41
11	4.38	4.14	3.92	3.83	3.61	2.87	2.16	3.63	3.93	3.70	2.84	3.47
12	4.30	3.92	3.94	3.86	3.64	2.94	2.41	3.68	3.93	3.74	2.97	3.53
13	4.30	3.61	3.64	3.85	3.70	2.99	2.62	3.74	3.96	3.52	3.12	3.60
14	4.31	3.65	3.45	3.86	3.72	3.08	2.76	3.82	3.99	2.77	3.20	3.66
15	4.24	3.70	3.52	3.90	3.73	3.08	2.85	3.85	4.01	2.95	3.25	3.70
16	4.04	3.65	3.56	3.89	3.64	2.74	2.91	3.84	4.06	3.11	3.30	3.76
17	4.08	3.34	3.63	3.88	3.25	2.80	2.97	3.87	4.08	3.23	3.34	3.82
18	4.13	3.32	3.67	3.91	3.29	2.82	3.07	3.88	4.00	3.22	3.42	3.81
19	4.15	3.40	3.64	3.93	3.35	2.92	3.11	3.89	4.00	2.87	3.47	3.86
20	4.17	3.46	3.53	3.93	3.39	2.43	3.13	3.91	4.03	2.90	3.53	3.92
21	4.20	3.49	3.57	3.94	3.41	2.19	3.13	3.93	4.07	3.04	3.59	3.95
22	4.24	3.56	3.59	3.97	3.36	2.41	3.13	3.87	4.10	3.15	3.67	3.96
23	4.29	3.66	3.64	3.97	3.35	2.56	3.14	3.52	4.16	3.23	3.70	3.93
24	4.31	3.69	3.49	4.00	3.44	2.68	3.21	3.60	4.22	3.29	3.63	3.98
25	4.29	3.73	3.31	3.99	3.46	2.79	3.42	3.64	4.25	3.38	3.67	4.01
26	4.27	3.77	3.41	3.97	3.49	2.86	3.27	3.23	4.27	3.45	3.72	4.03
27	4.30	3.80	3.45	4.03	3.33	2.95	3.07	3.32	4.29	3.45	3.77	4.04
28	4.27	3.84	3.49	4.03	3.20	3.02	3.13	3.41	4.33	3.26	3.85	4.06
29	4.17	3.84	3.54	4.02	---	3.07	3.16	3.46	4.34	3.36	3.93	4.11
30	4.13	3.85	3.59	3.98	---	3.02	3.33	3.44	4.35	3.44	3.99	4.14
31	4.16	---	3.60	3.91	---	3.02	---	3.50	---	3.51	4.01	---
MEAN	4.37	3.83	3.69	3.84	3.61	2.84	3.02	3.61	3.98	3.43	3.44	3.82
MAX	4.75	4.23	4.00	4.03	4.01	3.26	3.42	3.93	4.35	4.30	4.01	4.14
MIN	4.04	3.32	3.31	3.55	3.20	2.19	2.16	3.23	3.51	2.77	2.76	3.29



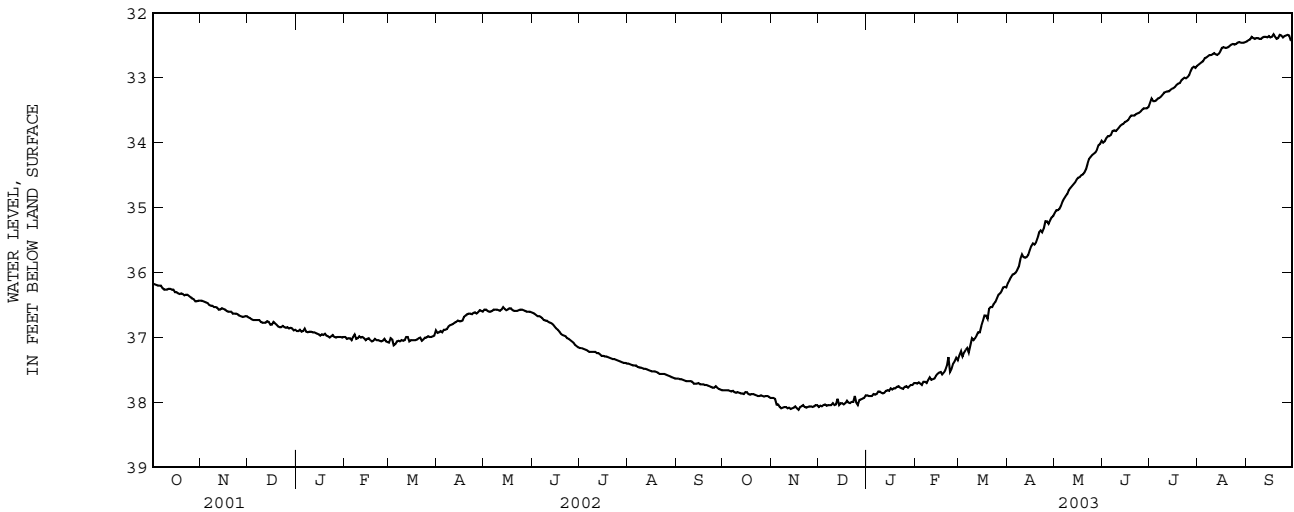
WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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 mean water level, 27.19 ft below land-surface datum, Jun. 14, 15, 1998; lowest, 38.11 ft below land-surface datum, Nov. 18, 2002.

Depth to water level, feet below land surface
 WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	37.81	37.93	38.07	37.89	37.70	37.27	36.16	35.08	34.00	33.39	32.80	32.44
2	37.81	37.93	38.05	37.90	37.71	37.21	36.12	35.04	33.98	33.32	32.78	32.42
3	37.81	37.94	38.06	37.90	37.69	37.29	36.07	35.04	33.93	33.36	32.76	32.41
4	37.81	38.03	38.04	37.90	37.71	37.23	36.03	35.02	33.90	33.36	32.74	32.37
5	37.82	38.03	38.03	37.87	37.73	37.19	36.02	34.97	33.90	33.35	32.70	32.39
6	37.83	38.07	38.05	37.88	37.68	37.16	36.00	34.91	33.88	33.32	32.69	32.40
7	37.82	38.09	38.04	37.87	37.68	37.23	35.96	34.86	33.82	33.31	32.67	32.39
8	37.84	38.08	38.04	37.83	37.70	37.12	35.91	34.82	33.81	33.29	32.65	32.39
9	37.85	38.07	38.04	37.83	37.65	37.01	35.79	34.79	33.82	33.26	32.65	32.40
10	37.84	38.07	38.01	37.85	37.61	37.04	35.72	34.73	33.80	33.23	32.64	32.40
11	37.85	38.09	38.04	37.86	37.65	37.01	35.76	34.70	33.77	33.22	32.62	32.38
12	37.86	38.08	38.03	37.85	37.64	36.97	35.77	34.67	33.74	33.21	32.64	32.37
13	37.86	38.10	37.94	37.82	37.63	36.92	35.76	34.64	33.72	33.21	32.65	32.37
14	37.87	38.09	38.04	37.81	37.59	36.92	35.73	34.61	33.71	33.19	32.63	32.38
15	37.84	38.08	38.01	37.82	37.56	36.82	35.66	34.57	33.68	33.17	32.59	32.36
16	37.84	38.06	38.01	37.78	37.54	36.75	35.59	34.54	33.67	33.16	32.54	32.38
17	37.87	38.09	38.03	37.80	37.53	36.66	35.55	34.53	33.65	33.14	32.53	32.37
18	37.88	38.11	38.01	37.78	37.57	36.66	35.57	34.50	33.61	33.11	32.54	32.33
19	37.87	38.07	37.97	37.78	37.54	36.71	35.54	34.49	33.58	33.09	32.54	32.37
20	37.87	38.06	38.00	37.76	37.50	36.56	35.47	34.46	33.58	33.08	32.53	32.40
21	37.88	38.04	38.01	37.75	37.43	36.53	35.38	34.41	33.58	33.04	32.51	32.39
22	37.89	38.07	37.99	37.77	37.30	36.53	35.35	34.32	33.56	33.02	32.49	32.34
23	37.90	38.08	37.99	37.78	37.53	36.48	35.38	34.25	33.55	33.00	32.48	32.35
24	37.90	38.07	37.90	37.79	37.48	36.45	35.32	34.22	33.54	33.01	32.49	32.38
25	37.89	38.06	38.00	37.76	37.40	36.40	35.21	34.19	33.52	32.99	32.48	32.36
26	37.90	38.06	38.04	37.75	37.36	36.34	35.21	34.17	33.49	32.96	32.46	32.35
27	37.91	38.07	37.96	37.77	37.31	36.32	35.25	34.15	33.47	32.90	32.45	32.34
28	37.90	38.06	37.95	37.75	37.35	36.28	35.20	34.11	33.47	32.85	32.46	32.35
29	37.90	38.04	37.94	37.73	---	36.23	35.15	34.04	33.47	32.83	32.46	32.42
30	37.91	38.04	37.93	37.73	---	36.22	35.13	34.02	33.45	32.85	32.46	32.43
31	37.93	---	37.89	37.70	---	36.23	---	33.97	---	32.82	32.45	---
MEAN	37.86	38.06	38.00	37.81	37.56	36.77	35.63	34.54	33.69	33.13	32.58	32.38
MAX	37.93	38.11	38.07	37.90	37.73	37.29	36.16	35.08	34.00	33.39	32.80	32.44
MIN	37.81	37.93	37.89	37.70	37.30	36.22	35.13	33.97	33.45	32.82	32.45	32.33



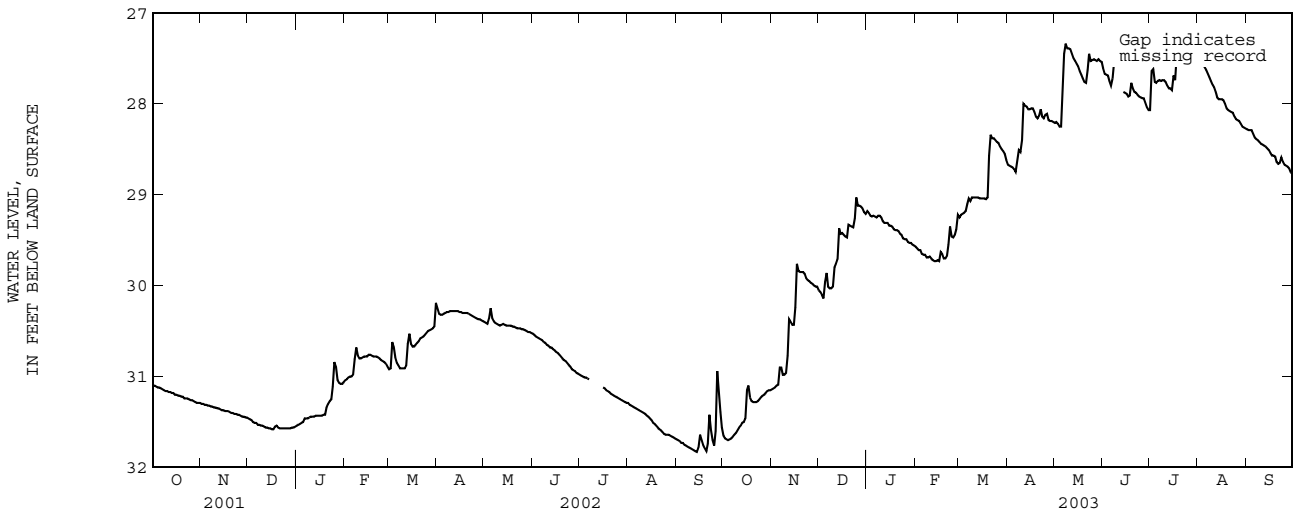
WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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 mean water level, 25.30 ft below land-surface datum, Apr. 1, 1996; lowest, 31.70 ft below land-surface datum, Oct. 4, 2002.

Depth to water level, feet below land surface
 WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	31.65	31.14	30.05	29.18	29.57	29.25	28.67	28.21	27.61	28.07	27.50	28.28
2	31.68	31.13	30.07	29.20	29.59	29.22	28.68	28.20	27.67	27.64	27.53	28.29
3	31.69	31.12	30.10	29.23	29.61	29.21	28.69	28.22	27.68	27.62	27.55	28.29
4	31.70	31.10	30.14	29.24	29.61	29.20	28.70	28.25	27.69	27.76	27.57	28.29
5	31.69	31.09	29.96	29.23	29.65	29.18	28.72	28.25	27.75	27.77	27.60	28.33
6	31.68	30.90	29.86	29.24	29.66	29.10	28.75	27.92	27.80	27.75	27.63	28.37
7	31.66	30.90	30.01	29.25	29.66	29.04	28.63	27.45	27.72	27.74	27.67	28.39
8	31.64	30.98	30.03	29.23	29.69	29.07	28.51	27.34	27.53	27.75	27.71	28.40
9	31.62	30.98	30.03	29.23	29.69	29.03	28.53	27.39	---	27.74	27.75	28.42
10	31.59	30.96	30.01	29.25	29.68	29.03	28.40	27.39	---	27.74	27.79	28.44
11	31.56	30.77	29.80	29.29	29.70	29.03	28.00	27.40	---	27.76	27.82	28.45
12	31.54	30.37	29.76	29.31	29.72	29.03	28.02	27.45	---	27.80	27.87	28.46
13	31.51	30.40	29.71	29.31	29.73	29.03	28.03	27.50	---	27.83	27.93	28.47
14	31.50	30.43	29.37	29.31	29.73	29.04	28.06	27.53	27.87	27.83	27.95	28.49
15	31.46	30.43	29.43	29.34	29.72	29.04	28.06	27.56	27.88	27.85	27.95	28.51
16	31.15	30.24	29.42	29.34	29.73	29.04	28.05	27.59	27.89	27.69	27.95	28.54
17	31.10	29.76	29.44	29.35	29.63	29.04	28.05	27.64	27.92	27.74	27.96	28.57
18	31.23	29.84	29.46	29.38	29.65	29.05	28.09	27.68	27.91	27.48	28.00	28.57
19	31.27	29.85	29.47	29.39	29.70	29.03	28.14	27.72	27.77	27.44	28.05	28.58
20	31.28	29.85	29.33	29.39	29.70	28.57	28.16	27.76	27.83	27.42	28.07	28.64
21	31.28	29.85	29.34	29.40	29.67	28.34	28.13	27.77	27.87	27.38	28.08	28.66
22	31.28	29.87	29.35	29.43	29.55	28.38	28.06	27.63	27.88	27.35	28.09	28.65
23	31.27	29.92	29.36	29.44	29.35	28.38	28.14	27.45	27.90	27.34	28.10	28.59
24	31.25	29.94	29.26	29.48	29.46	28.40	28.16	27.53	27.92	27.36	28.14	28.64
25	31.23	29.95	29.03	29.49	29.47	28.42	28.12	27.52	27.93	27.39	28.17	28.67
26	31.21	29.97	29.12	29.49	29.44	28.43	28.11	27.51	27.94	27.40	28.18	28.68
27	31.20	29.98	29.12	29.52	29.38	28.47	28.18	27.52	27.94	27.39	28.19	28.69
28	31.18	30.00	29.13	29.53	29.22	28.50	28.19	27.53	27.99	27.38	28.22	28.71
29	31.16	30.01	29.15	29.53	---	28.52	28.19	27.51	28.04	27.38	28.25	28.75
30	31.15	30.01	29.19	29.55	---	28.55	28.20	27.53	28.07	27.43	28.26	28.77
31	31.15	---	29.21	29.56	---	28.62	---	27.54	---	27.47	28.27	---
MEAN	31.41	30.39	29.57	29.36	29.61	28.85	28.28	27.66	---	27.60	27.93	28.52
MAX	31.70	31.14	30.14	29.56	29.73	29.25	28.75	28.25	---	28.07	28.27	28.77
MIN	31.10	29.76	29.03	29.18	29.22	28.34	28.00	27.34	---	27.34	27.50	28.28



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

SALUDA COUNTY

WELL NUMBER.--340517081401300. Local number, SAL-69.

LOCATION.--Lat 34°05'17'', long 81°40'13'', Hydrologic Unit 03050109, Northeast of Saluda, Hollywood Elementary School, along tree line of playground. Owner: Saluda County School District One.

AQUIFER.--Paleozoic Argillite.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 480 ft, cased depth 92 ft, open hole from 92 to 480 ft.

INSTRUMENTATION.--Data collection platform--60 minute collection interval.

DATUM.--Land-surface datum is 445 ft above sea level. Measuring point: Top of casing, 2.30 ft above land-surface datum.

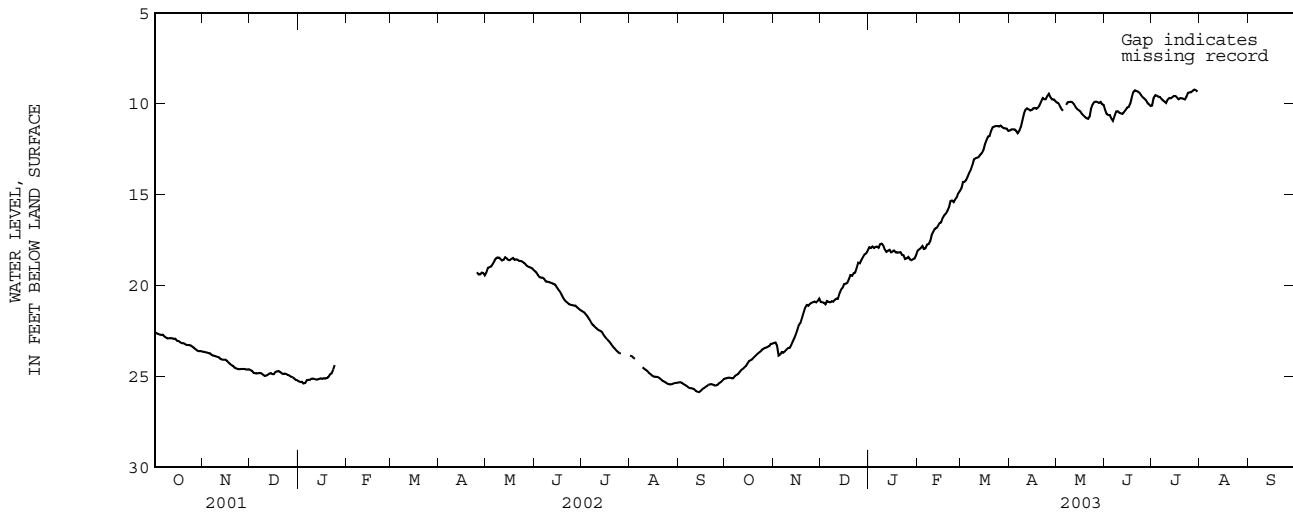
REMARKS.--Geophysical logs available in U.S. Geological Survey District files.

PERIOD OF RECORD.--October 1993 to July 2003 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 7.26 ft below land-surface datum, Apr. 15, 16, 1998; lowest, 25.89 ft below land-surface datum, Oct. 30, 1993.

Depth to water level, feet below land surface
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	25.10	23.16	20.90	17.89	18.08	14.64	11.47	9.93	10.33	10.10	---	---
2	25.08	23.13	20.91	17.93	18.01	14.30	11.41	9.96	10.57	9.67	---	---
3	25.06	23.29	20.94	17.85	17.94	14.29	11.40	10.12	10.62	9.53	---	---
4	25.07	23.84	21.03	17.93	17.83	14.20	11.41	10.29	10.62	9.56	---	---
5	25.09	23.78	20.85	17.87	17.98	14.01	11.49	10.38	10.81	9.61	---	---
6	25.09	23.66	20.90	17.85	17.96	13.79	11.62	---	10.95	9.63	---	---
7	24.98	23.69	20.91	17.92	17.75	13.64	11.51	10.06	10.68	9.72	---	---
8	24.92	23.62	20.86	17.72	17.72	13.39	11.28	9.92	10.43	9.82	---	---
9	24.86	23.52	20.89	17.69	17.55	13.06	10.89	9.90	10.41	9.88	---	---
10	24.77	23.43	20.77	17.80	17.21	13.00	10.53	9.89	10.49	9.96	---	---
11	24.65	23.42	20.71	18.01	17.04	12.97	10.33	9.92	10.53	9.77	---	---
12	24.58	23.29	20.73	18.15	16.88	12.93	10.26	10.02	10.56	9.68	---	---
13	24.50	23.09	20.43	18.08	16.83	12.81	10.30	10.18	10.46	9.71	---	---
14	24.43	22.90	20.22	18.04	16.72	12.71	10.37	10.29	10.36	9.64	---	---
15	24.28	22.68	20.11	18.17	16.56	12.56	10.35	10.35	10.22	9.57	---	---
16	24.15	22.45	19.91	18.12	16.53	12.25	10.25	10.41	10.18	9.57	---	---
17	24.11	22.16	19.89	18.07	16.27	12.02	10.23	10.55	10.00	9.66	---	---
18	24.06	22.06	19.84	18.17	16.14	11.81	10.28	10.64	9.67	9.75	---	---
19	23.96	21.77	19.64	18.19	16.04	11.78	10.22	10.72	9.36	9.69	---	---
20	23.87	21.50	19.43	18.17	15.90	11.51	10.08	10.80	9.27	9.70	---	---
21	23.79	21.22	19.46	18.16	15.70	11.30	9.89	10.83	9.30	9.73	---	---
22	23.72	21.06	19.32	18.31	15.35	11.26	9.69	10.71	9.34	9.77	---	---
23	23.65	21.11	19.29	18.33	15.32	11.22	9.75	10.27	9.40	9.62	---	---
24	23.56	21.02	19.01	18.54	15.41	11.23	9.75	10.03	9.53	9.41	---	---
25	23.49	20.95	18.74	18.50	15.26	11.25	9.57	9.90	9.64	9.37	---	---
26	23.43	20.91	18.78	18.42	15.14	11.20	9.45	9.88	9.71	9.36	---	---
27	23.41	20.88	18.59	18.56	14.92	11.28	9.65	9.91	9.79	9.28	---	---
28	23.37	20.92	18.42	18.60	14.79	11.34	9.76	9.95	9.93	9.22	---	---
29	23.32	20.84	18.28	18.55	---	11.35	9.76	9.90	10.03	9.26	---	---
30	23.20	20.71	18.23	18.51	---	11.37	9.84	10.02	10.12	9.34	---	---
31	23.19	---	18.08	18.33	---	11.50	---	10.07	---	---	---	---
MEAN	24.22	22.34	19.87	18.14	16.60	12.45	10.43	---	10.11	---	---	---
MAX	25.10	23.84	21.03	18.60	18.08	14.64	11.62	---	10.95	---	---	---
MIN	23.19	20.71	18.08	17.69	14.79	11.20	9.45	---	9.27	---	---	---



SPARTANBURG COUNTY

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.

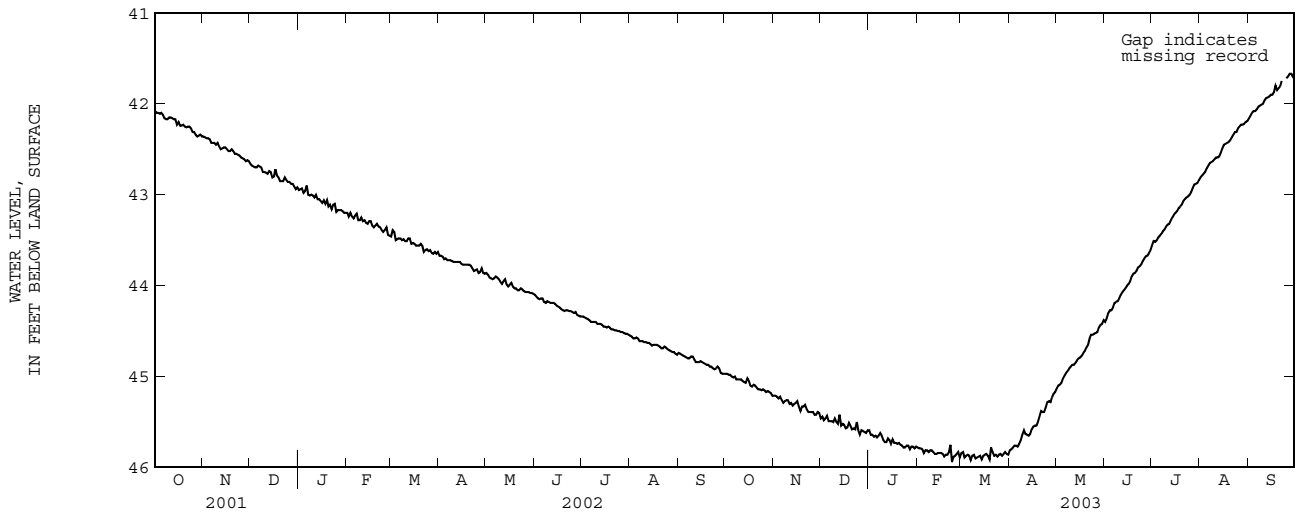
REMARKS.--Geophysical logs available in District files.

PERIOD OF RECORD.--October 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 33.90 ft below land-surface datum, Aug. 10, 1998; lowest, 45.94 ft below land-surface datum, Feb. 23, 2003.

Depth to water level, feet below land surface
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	44.97	45.21	45.46	45.59	45.78	45.84	45.81	45.13	44.40	43.56	42.81	42.16
2	44.97	45.21	45.44	45.64	45.79	45.83	45.80	45.10	44.36	43.51	42.79	42.13
3	44.98	45.22	45.48	45.64	45.79	45.89	45.78	45.09	44.30	43.52	42.77	42.10
4	44.98	45.24	45.46	45.66	45.80	45.87	45.76	45.07	44.27	43.50	42.75	42.08
5	45.00	45.22	45.43	45.65	45.84	45.86	45.76	45.02	44.27	43.47	42.71	42.08
6	45.01	45.26	45.49	45.67	45.81	45.87	45.77	44.99	44.24	43.45	42.68	42.06
7	45.00	45.29	45.49	45.65	45.81	45.92	45.74	44.96	44.19	43.43	42.65	42.03
8	45.03	45.27	45.49	45.62	45.83	45.87	45.70	44.94	44.18	43.40	42.64	42.02
9	45.03	45.26	45.50	45.65	45.81	45.86	45.64	44.91	44.17	43.38	42.63	42.01
10	45.03	45.26	45.46	45.70	45.81	45.90	45.59	44.89	44.14	43.35	42.61	42.00
11	45.03	45.30	45.50	45.72	45.83	45.89	45.63	44.87	44.10	43.33	42.59	41.96
12	45.05	45.29	45.52	45.72	45.85	45.88	45.64	44.87	44.07	43.32	42.59	41.94
13	45.06	45.32	45.42	45.68	45.85	45.87	45.65	44.85	44.05	43.28	42.58	41.93
14	45.07	45.30	45.54	45.70	45.84	45.91	45.63	44.82	44.03	43.25	42.54	41.92
15	45.02	45.29	45.52	45.74	45.84	45.87	45.58	44.80	44.00	43.22	42.49	41.90
16	45.05	45.27	45.53	45.69	45.84	45.86	45.55	44.79	43.98	43.20	42.45	41.90
17	45.10	45.33	45.57	45.73	45.85	45.85	45.54	44.77	43.95	43.18	42.44	41.87
18	45.11	45.38	45.56	45.73	45.88	45.87	45.54	44.74	43.90	43.15	42.43	41.80
19	45.09	45.33	45.51	45.74	45.86	45.91	45.50	44.72	43.87	43.13	42.42	41.85
20	45.10	45.33	45.54	45.73	45.86	45.78	45.44	44.68	43.86	43.11	42.40	41.83
21	45.12	45.31	45.58	45.75	45.83	45.83	45.38	44.65	43.84	43.07	42.37	41.81
22	45.14	45.36	45.57	45.76	45.75	45.87	45.39	44.58	43.80	43.05	42.34	41.75
23	45.14	45.39	45.58	45.78	45.94	45.86	45.39	44.54	43.79	43.03	42.31	---
24	45.15	45.39	45.50	45.78	45.88	45.88	45.34	44.54	43.77	43.02	42.31	---
25	45.14	45.39	45.59	45.76	45.87	45.86	45.28	44.53	43.73	43.00	42.27	41.72
26	45.15	45.39	45.64	45.76	45.85	45.85	45.27	44.52	43.70	42.97	42.25	41.70
27	45.17	45.42	45.59	45.80	45.83	45.87	45.28	44.51	43.68	42.93	42.23	41.67
28	45.16	45.42	45.60	45.77	45.89	45.85	45.23	44.46	43.67	42.89	42.23	41.67
29	45.17	45.39	45.61	45.77	---	45.83	45.19	44.43	43.64	42.88	42.22	41.70
30	45.18	45.40	45.62	45.79	---	45.85	45.17	44.42	43.61	42.87	42.20	41.66
31	45.21	---	45.59	45.77	---	45.86	---	44.38	---	42.84	42.19	---
MEAN	45.08	45.31	45.53	45.71	45.84	45.86	45.53	44.76	43.99	43.20	42.48	---
MAX	45.21	45.42	45.64	45.80	45.94	45.92	45.81	45.13	44.40	43.56	42.81	---
MIN	44.97	45.21	45.42	45.59	45.75	45.78	45.17	44.38	43.61	42.84	42.19	---



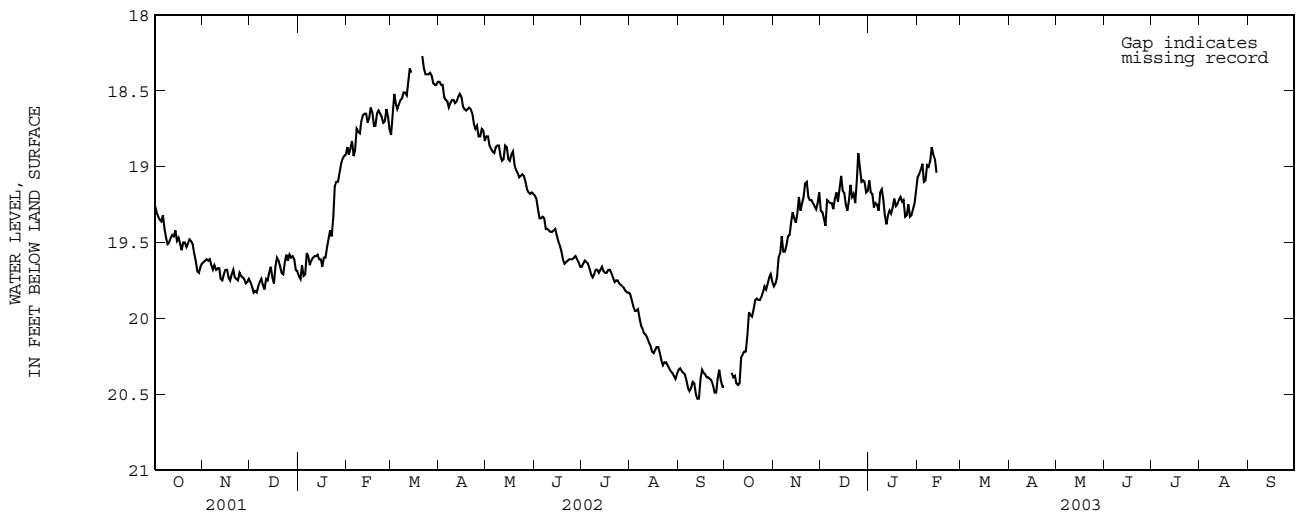
WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

YORK COUNTY

WELL NUMBER.--350150081012500. Local number, YK-147.
 LOCATION.--Lat 35°01'37'', long 81°01'59'', Hydrologic Unit 03050101, near Fort Mill on Lake Wylie. Owner: Tega Cay Development.
 AQUIFER.--Rocks of Paleozoic to Precambrian age.
 WELL CHARACTERISTICS.--Drilled observation well, diameter 8 in, depth 700 ft, cased to 50 ft, open hole from 50 to 700 ft.
 INSTRUMENTATION.--Water-stage recorder--60 minute collection interval.
 DATUM.--Land-surface datum is 600 ft above sea level. Measuring point: Top of platform, 0.75 ft above land-surface datum.
 REMARKS.--Water-level affected by stage of Lake Wylie. Geophysical logs available in District files.
 PERIOD OF RECORD.--October 1972 to February 2003 (discontinued).
 EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 15.90 ft below land-surface datum, May 9, 1997; lowest, 31.67 ft below land-surface datum, July 24, 1993.

Depth to water level, feet below land surface
 WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	19.79	19.29	19.09	19.07	---	---	---	---	---	---	---
2	---	19.77	19.30	19.17	19.05	---	---	---	---	---	---	---
3	---	19.73	19.34	19.18	19.02	---	---	---	---	---	---	---
4	---	19.60	19.39	19.27	18.98	---	---	---	---	---	---	---
5	20.36	19.57	19.22	19.24	19.10	---	---	---	---	---	---	---
6	20.39	19.46	19.23	19.25	19.09	---	---	---	---	---	---	---
7	20.38	19.56	19.24	19.29	18.99	---	---	---	---	---	---	---
8	20.43	19.56	19.24	19.17	19.00	---	---	---	---	---	---	---
9	20.44	19.52	19.28	19.15	18.96	---	---	---	---	---	---	---
10	20.43	19.46	19.21	19.22	18.87	---	---	---	---	---	---	---
11	20.26	19.45	19.17	19.32	18.92	---	---	---	---	---	---	---
12	20.24	19.37	19.23	19.38	18.95	---	---	---	---	---	---	---
13	20.22	19.30	19.15	19.32	19.04	---	---	---	---	---	---	---
14	20.22	19.34	19.06	19.29	---	---	---	---	---	---	---	---
15	20.11	19.37	19.16	19.31	---	---	---	---	---	---	---	---
16	19.96	19.31	19.17	19.27	---	---	---	---	---	---	---	---
17	19.98	19.20	19.25	19.21	---	---	---	---	---	---	---	---
18	19.99	19.29	19.29	19.26	---	---	---	---	---	---	---	---
19	19.94	19.24	19.22	19.25	---	---	---	---	---	---	---	---
20	19.88	19.20	19.12	19.22	---	---	---	---	---	---	---	---
21	19.87	19.11	19.20	19.20	---	---	---	---	---	---	---	---
22	19.88	19.10	19.18	19.23	---	---	---	---	---	---	---	---
23	19.88	19.20	19.24	19.22	---	---	---	---	---	---	---	---
24	19.86	19.22	19.09	19.33	---	---	---	---	---	---	---	---
25	19.83	19.22	18.91	19.32	---	---	---	---	---	---	---	---
26	19.79	19.24	19.01	19.25	---	---	---	---	---	---	---	---
27	19.81	19.26	19.10	19.33	---	---	---	---	---	---	---	---
28	19.77	19.28	19.09	19.32	---	---	---	---	---	---	---	---
29	19.73	19.24	19.10	19.28	---	---	---	---	---	---	---	---
30	19.71	19.17	19.17	19.24	---	---	---	---	---	---	---	---
31	19.76	---	19.16	19.15	---	---	---	---	---	---	---	---
MEAN	---	19.37	19.19	19.25	---	---	---	---	---	---	---	---
MAX	---	19.79	19.39	19.38	---	---	---	---	---	---	---	---
MIN	---	19.10	18.91	19.09	---	---	---	---	---	---	---	---



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CONVERSION FACTORS

Multiply	By	To obtain
<i>Length</i>		
inch (in.)	2.54×10^1	millimeter
	2.54×10^{-2}	meter
foot (ft)	3.048×10^{-1}	meter
mile (mi)	1.609×10^0	kilometer
<i>Area</i>		
acre	4.047×10^3	square meter
	4.047×10^{-1}	square hectometer
	4.047×10^{-3}	square kilometer
square mile (mi ²)	2.590×10^0	square kilometer
<i>Volume</i>		
gallon (gal)	3.785×10^0	liter
	3.785×10^0	cubic decimeter
	3.785×10^{-3}	cubic meter
million gallons (Mgal)	3.785×10^3	cubic meter
	3.785×10^{-3}	cubic hectometer
cubic foot (ft ³)	2.832×10^1	cubic decimeter
	2.832×10^{-2}	cubic meter
cubic-foot-per-second day [(ft ³ /s) d]	2.447×10^3	cubic meter
	2.447×10^{-3}	cubic hectometer
acre-foot (acre-ft)	1.233×10^3	cubic meter
	1.233×10^{-3}	cubic hectometer
	1.233×10^{-6}	cubic kilometer
<i>Flow</i>		
cubic foot per second (ft ³ /s)	2.832×10^1	liter per second
	2.832×10^1	cubic decimeter per second
	2.832×10^{-2}	cubic meter per second
gallon per minute (gal/min)	6.309×10^{-2}	liter per second
	6.309×10^{-2}	cubic decimeter per second
	6.309×10^{-5}	cubic meter per second
million gallons per day (Mgal/d)	4.381×10^1	cubic decimeter per second
	4.381×10^{-2}	cubic meter per second
<i>Mass</i>		
ton (short)	9.072×10^{-1}	megagram or metric ton

Temperature in degrees Celsius (°C) may be converted to degrees Fahrenheit (°F) as follows:

$$\text{°F} = (1.8 \times \text{°C}) + 32$$



1879–2004