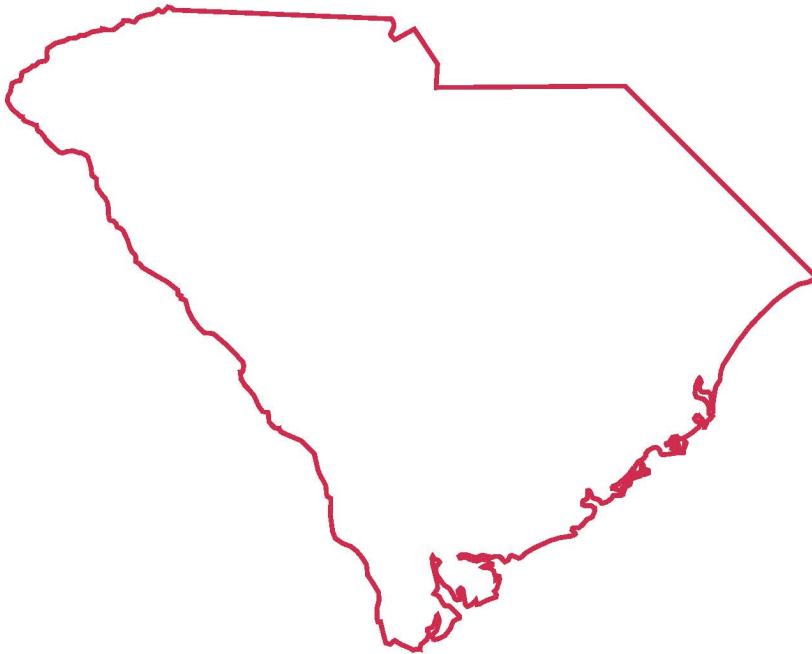


# Water Resources Data South Carolina Water Year 2002

Water-Data Report SC-02-1



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



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

# CALENDAR FOR WATER YEAR 2002

## 2001

OCTOBER							NOVEMBER							DECEMBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
	1	2	3	4	5	6					1	2	3							1
7	8	9	10	11	12	13	4	5	6	7	8	9	10	2	3	4	5	6	7	8
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28	29	30	31				25	26	27	28	29	30		23	24	25	26	27	28	29
														30	31					

## 2002

JANUARY							FEBRUARY							MARCH						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
		1	2	3	4	5						1	2						1	2
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13	14	15	16	17	18	19	10	11	12	13	14	15	16	10	11	12	13	14	15	16
20	21	22	23	24	25	26	17	18	19	20	21	22	23	17	18	19	20	21	22	23
27	28	29	30	31			24	25	26	27	28			24	25	26	27	28	29	30
														31						

APRIL							MAY							JUNE						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
	1	2	3	4	5	6				1	2	3	4							1
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21	22	23	24	25	26	27	19	20	21	22	23	24	25	16	17	18	19	20	21	22
28	29	30					26	27	28	29	30	31		23	24	25	26	27	28	29
														30						

JULY							AUGUST							SEPTEMBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
	1	2	3	4	5	6					1	2	3	1	2	3	4	5	6	7
7	8	9	10	11	12	13	4	5	6	7	8	9	10	8	9	10	11	12	13	14
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21	22	23	24	25	26	27	18	19	20	21	22	23	24	22	23	24	25	26	27	28
28	29	30	31				25	26	27	28	29	30	31	29	30					

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

# Water Resources Data South Carolina Water Year 2002

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

Water-Data Report SC-02-1



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



UNITED STATES DEPARTMENT OF THE INTERIOR  
GALE A. NORTON, Secretary

U.S. GEOLOGICAL SURVEY  
Charles G. Groat, Director

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Columbia, SC 29210-7651



## 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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Timothy M. Bledsoe	Henry E. Herlong	William P. Roberts	Brian F. Wahl
Paul A. Conrads	James A. Kiser	Patricia M. Sadler	Carlton Wood
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<b>13. Abstract (Maximum 200 Words)</b> Water Resources data for the 2002 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 128 gaging stations, stage only at 32 gaging stations, stage and contents at 12 lakes and reservoirs, water-quality at 51 gaging stations and one observation well, water levels at 26 observation wells, and precipitation at 5 gaging stations. Also included are data for 57 crest-stage partial-record stations and discharge measurement information at 7 locations. Locations of these sites are shown on figures 3, 4, 5, 6, and 7. 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 name designate type of data: (b) biological, (c) chemical, (d) discharge,  
(p) precipitation s) sediment, (m) microbiological, (t) temperature, (e) elevation, gage heights, or contents**

men  
ge

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**Surface-Water Stations, in Downstream Order, for Which Records are Published in This Volume**

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

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**Surface-Water Stations, in Downstream Order, for Which Records are Published in This Volume**

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

SOUTH ATLANTIC SLOPE BASINS--continued

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<u>AIKEN COUNTY</u>		
331940081443501.	Local number, AK-430.	652
333233081290802.	Local number, AK-846.	653
333234081290703.	Local number, AK-847.	654
333233081290704.	Local number, AK-848.	655
333232081290605.	Local number, AK-849.	656
<u>ANDERSON COUNTY</u>		
343714082285600.	Local number, AND-326.	657
<u>BEAUFORT COUNTY</u>		
321603080432202.	Local number, BFT-1810.	658
321358080403801.	Local number, BFT-1813.	661
<u>BERKELEY COUNTY</u>		
331022080021801.	Local number, BRK-431.	662
<u>CHARLESTON COUNTY</u>		
324729079472001.	Local number, CHN-14.	663
330247079340300.	Local number, CHN-101.	664
<u>CHEROKEE COUNTY</u>		
350918081263408.	Local number, CRK-74.	665
<u>CHESTER COUNTY</u>		
344000081250011.	Local number, CTR-21.	666
<u>FLORENCE COUNTY</u>		
340806079563100.	Local number, FLO-85.	667
341144079345001.	Local number, FLO-128.	668
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350622082373608.	Local number, GRV-712.	669
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324143080505900.	Local number, HAM-83.	671
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343330080263700.	Local number, KER-263.	672
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343715079411500.	Local number, MLB-112/134.	674
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335336082214600.	Local number, MCK-52.	675
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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 crest-stage partial-record stations. Discontinued project stations with less than 3 years of record have not been included. Information regarding these stations may be obtained from the District Office at the address given on the back side of the title page of this report.

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

Station name	Station number	Drainage area (mi <sup>2</sup> )	Period of record
WACCAMAW RIVER BASIN			
Waccamaw River at Highway 501 near Conway, S.C. (d)	02110705	---	1989-94
PEE DEE RIVER BASIN			
Whites Creek near Wallace, S.C. (d)	02129590	26.4	1980-95
Juniper Creek near Cheraw, S.C. (d)	02130500	64.0	1941-58
Cedar Creek at Society Hill, S.C. (d)	02130600	58.2	1971-81
Catfish Canal at Sellers, S.C. (d)	02131150	27.4	1967-92
Fork Creek at Jefferson, S.C. (d)	02131309	24.3	1976-97
Little Fork Creek at Jefferson, S.C. (d)	02131320	15.0	1990-00
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, 2002

## 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 <sup>2</sup> )	Period of record
SANTEE RIVER BASIN--Continued			
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
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			
McTier Creek near Monetta, S.C. (d)	02172300	15.3	1995-97
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

## 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 <sup>2</sup> )	Period of record
BROAD RIVER BASIN			
Great Swamp near Ridgeland, S.C. (d)	02176875	48.8	1977-84
SAVANNAH RIVER BASIN			
Whitewater River at Jocassee, S.C. (d)	02184500	47.3	1951-68
Keowee River near Jocassee, S.C. (d)	02185000	148	1950-68
Lake Keowee near Six Mile, S.C. (e)	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 Rivhard 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. (3)	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
Augusta Canal at Augusta, Ga. (d)	02196500	---	1931-57
			1989-92
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
A-003 at Savannah River Site (d)	021973026	---	1984-94
A-011 at Savannah River Site (d)	021973028	---	1984-94
X-004 at Savannah River Site (d)	02197321	---	1984-96
HP-52 Outfall at Savannah River Site (d)	021973305	---	1985-96
H-008 at Savannah River Site (d)	02197331	---	1985-96
Site No. 1 at Savannah River Site (d)	02197330	0.13	1973-96
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
C-001 at Savannah River Site (d)	021973405	---	1984-96
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
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-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
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

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 <sup>2</sup> )	Period of record
P-019 at Savannah River Site (d)	02197362	---	1984-96

## DISCONTINUED SURFACE-WATER-QUALITY STATIONS

The following stations were discontinued as continuous-record surface-water-quality stations prior to the 2002 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
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 2002 water year for South Carolina consist of records of stage, discharge, and water quality of streams; stage and contents of lakes and reservoirs; and ground-water levels. This report contains discharge records for 128 gaging stations; stage-only records for 32 gaging stations; stage and contents for 12 lakes and reservoirs; water quality for 51 gaging stations; and water levels for 26 observation wells. Also included are data for 57 crest-stage partial-record stations and discharge measurements at 7 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-02-1." 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 Technic 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 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 well below normal throughout South Carolina during the 2002 water year as drought conditions persisted across the State for the fourth straight year. Rainfall in the Piedmont, as indicated by the National Weather Service (NWS) station at the Greenville-Spartanburg Airport, was about 21 percent below normal for the year. Rainfall recorded near Columbia and Charleston by the NWS was about 23 percent below normal and about 13 percent below normal, respectively, for the year. By mid-August the State was experiencing the worst hydrologic drought on record. Finally, in mid to late August, above normal rainfall provided relief across the State.

Minimum daily mean discharges during the year exceeded the minimum daily means for the period of record at many long-term stations, even those that were in operation during the mid-1950's, when the previous drought of record occurred. Minimum daily mean discharges for the 2002 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. New minimum daily means were observed at about one-half of the stations.

Station	Drainage area (square mile)	Period of Record	Minimum daily mean discharge 2002 water year (cubic feet per second)	Minimum daily mean discharge for period of record (cubic feet per second)
02110500 Waccamaw River near Longs	1,110	1950-2002	7.2	1.0
02132000 Lynches River at Effingham	1,030	1930-2002	69	95
02135000 Little Pee Dee at Galivants Ferry	2,790	1942-2002	73	158
02136000 Black River at Kingstree	1,252	1930-2002	2.3	2.0
02154500 North Pacolet River at Fingerville	116	1930-2002	14	27
02155500 Pacolet River near Fingerville	212	1930-2002	26	32
02156500 Broad River near Carlisle	2,790	1939-2002	180	44
02162500 Saluda River near Greenville	295	1942-1978 1990-2002	43	36
02163500 Saluda River near Ware Shoals	580	1939-2002	49	11
02165000 Reedy River near Ware Shoals	236	1939-2002	45	4.8
02169500 Congaree River at Columbia	7,850	1940-2002	1010	662
02173000 South Fork Edisto River near Denmark	720	1931-1971 1981-2002	110	133
02173500 North Fork Edisto River at Orangeburg	683	1939-2002	113	190
02175000 Edisto River near Givhans	2,730	1939-2002	150	252
02175500 Salkehatchie River near Miley	341	1951-2002	2.9	12
02176500 Coosawhatchie River near Hampton	203	1951-2002	0.00	0.00
02196000 Stephens Creek near Modoc	545	1940-1978 1984-2002	0.19	0.00

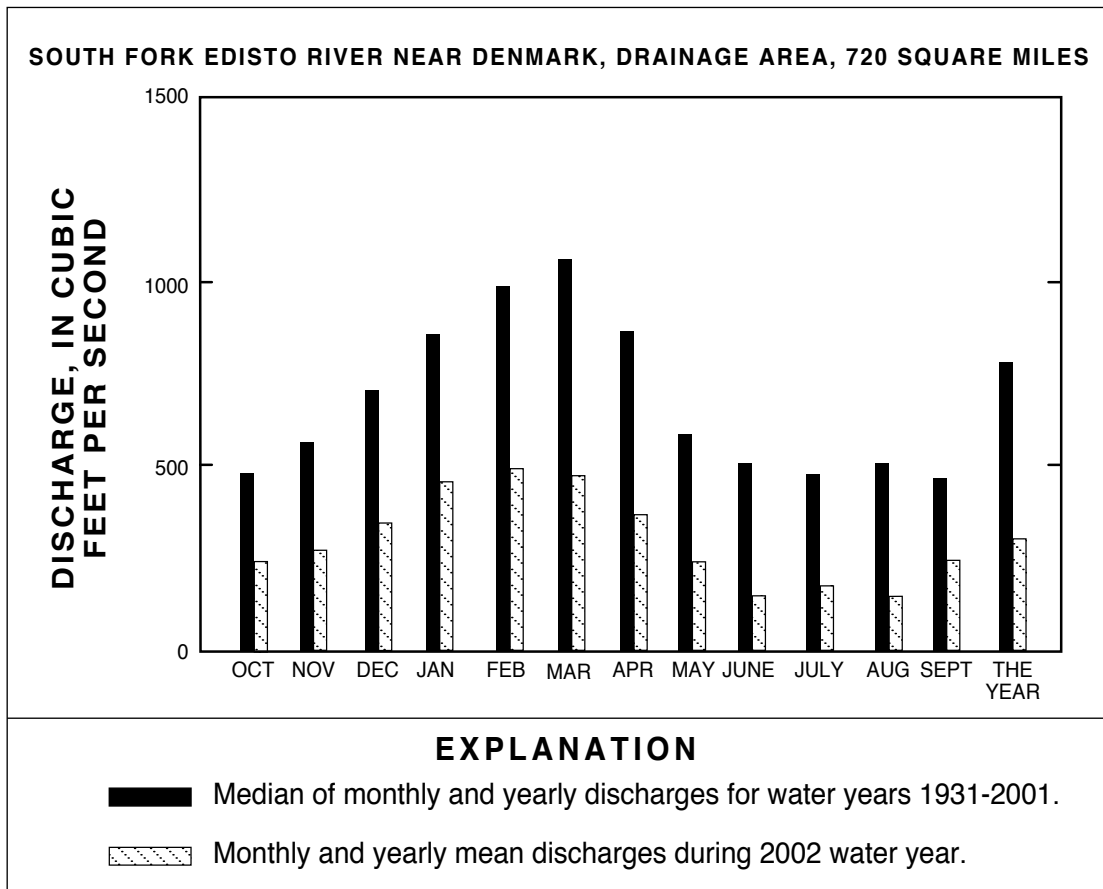
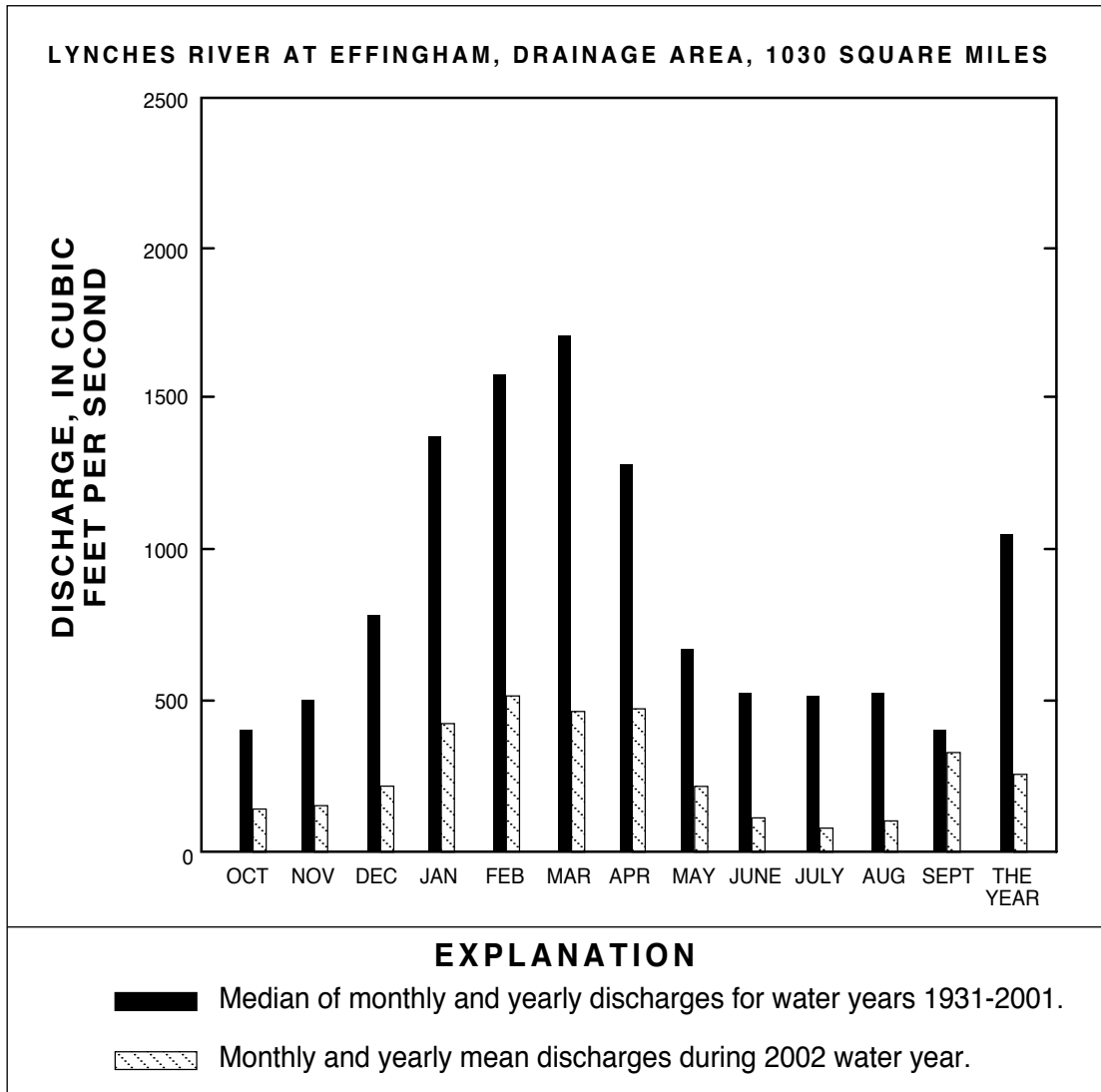
A comparison of monthly and yearly mean discharges during the 2002 water year and the median monthly and yearly mean discharges for the period of record for two of the above index stations are shown in figure 1. New minimum monthly mean discharges for the period of record at the South Fork Edisto River near Denmark station were established, except for the months of January and September, and the annual mean was 40% of normal, a record minimum. New minimum monthly and annual mean discharges for the Lynches River at Effingham station for the period of record were also established.

#### 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, decreased slightly during the 2002 water year at an observation well near Greenville. Water levels in an unused 80-foot deep water table well, GRV-712, decreased from about 34.2 feet below land surface on October 1, 2001, to about 38.3 feet below land surface on September 30, 2002.

In the Coastal Plain, ground water occurs in multiple aquifer systems, mostly under artesian or confined conditions. Ground water is used extensively in this part of the State. At Charleston, levels in well CHN-14 decreased about 16 feet from October 1, 2001, to late August, and then recovered to about 94.0 feet below land surface on September 30, 2002.

## HYDROLOGIC CONDITIONS



**Figure 1.**--Monthly and yearly mean discharges at two long-term representative gaging stations during 2002 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. Definitions of common terms such as algae, water level, and precipitation are given in standard dictionaries. Not all terms defined in this alphabetical list apply to every State. See also table for converting inch/pound units to International System (SI) units on the inside of the back cover.

**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.

**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 is purposely 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 hardboard) for benthic organism collection, and plexiglass strips for periphyton collection. (See also “Substrate”)

**Ash mass** is the mass or amount of residue present after the residue from the 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 ( $\text{g}/\text{m}^3$ ), and periphyton and benthic organisms in grams per square meter ( $\text{g}/\text{m}^2$ ). (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.

**Bedload** is material in transport that is supported primarily by the streambed. In this report, bedload is considered to consist of particles in transit from the bed to an elevation equal to the top of the bedload sampler nozzle (ranging from 0.25 to 0.5 foot) that 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”)

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

**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 is also called the Autotrophic Index.

**Blue-green algae** (*Cyanophyta*) are a group of phytoplankton organisms having a blue pigment, in addition to the green pigment called chlorophyll. Blue-green algae often cause nuisance conditions in water. Concentrations are expressed as a number of cells per milliliter (cells/mL) of sample. (See also “Phytoplankton”)

**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 lithology and porosity of the rock.

**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 are generally reported as cells or units per milliliter (mL) or liter (L).

**Cells volume** (biovolume) determination is one of several common methods used to estimate biomass of algae in aquatic systems. Cell members of algae are frequently used 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 ( $\mu\text{m}^3$ ) is determined by obtaining critical cell measurements or cell dimensions (for example, length, width, height, or radius) for 20 to 50 cells of each important species to obtain an average biovolume per cell. Cells are categorized according to the correspondence of their cellular shape to the nearest geometric solid or combinations of simple solids (for example, spheres, cones, or cylinders). Representative formulae used to compute biovolume are as follows:

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

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

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

**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 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,  $\text{ft}^3/\text{s}$ ) 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, [(ft<sup>3</sup>/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 are numerically 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, (ft<sup>3</sup>/s)/mi<sup>2</sup>] 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 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 periodic sample or 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 are usually 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 UTM coordinates. (See also “Gage datum,” “Land-surface datum,” “National Geodetic Vertical Datum of 1929,” and “North American Vertical Datum of 1988”)

**Diatoms** are the unicellular or colonial algae having a siliceous shell. Their concentrations are expressed as number of cells per milliliter (cells/mL) of sample. (See also “Phytoplankton”)

**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, etc., 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 CaCO<sub>3</sub>) 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:

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** are commonly 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 are generally considered pollution sensitive; the index usually decreases with pollution.

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

**Estimated (E) concentration value** 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 qualitatively identified 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 (<).

**Euglenoids** (*Euglenophyta*) are a group of algae that are usually 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 itself is not an actual physical object, the datum usually is 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** have chlorophyll pigments similar in color to those of higher green plants. Some forms produce algae mats or floating “moss” in lakes. Their concentrations are expressed as number of cells per milliliter (cells/mL) of sample. (See also “Phytoplankton”)

**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 are typically 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 ( $\text{CaCO}_3$ ).

**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:

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

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.), 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 uniformly distributed on it. (See also "Annual runoff")

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

**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)** is generally 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. [Note: In several previous NWQL documents (NWQL Technical Memorandum 98.07, 1998), the LRL was called the nondetection value or NDV—a term that is no longer used.]

**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:

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

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

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

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

**Low tide** is the minimum height reached by each falling tide. The high-low and low-low tides are the higher and lower of the two low tides, respectively, of each tidal day. *See NOAA 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.

**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.

**Methylene blue active substances (MBAS)** are apparent detergents. 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,  $\text{mg/L}$ )** 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,  $\text{ng/L}$ )** 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 of 1929)** is a fixed reference adopted as a standard geodetic datum for elevations determined by leveling. It was formerly 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 Vertical Datum of 1988** (NAVD 1988) 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 (m<sup>2</sup>), 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 utilizes 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 are usually 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 ( $1 \times 10^{-12}$ ) of the amount of radioactive nuclide represented by a curie (Ci). A curie is the quantity of radioactive nuclide that yields  $3.7 \times 10^{10}$  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 (<2mm, 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.

**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 (ft<sup>3</sup>/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, 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”)

**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.

**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 tons 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 due to 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 U.S. EPA 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 pathlength 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 are often 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."

**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

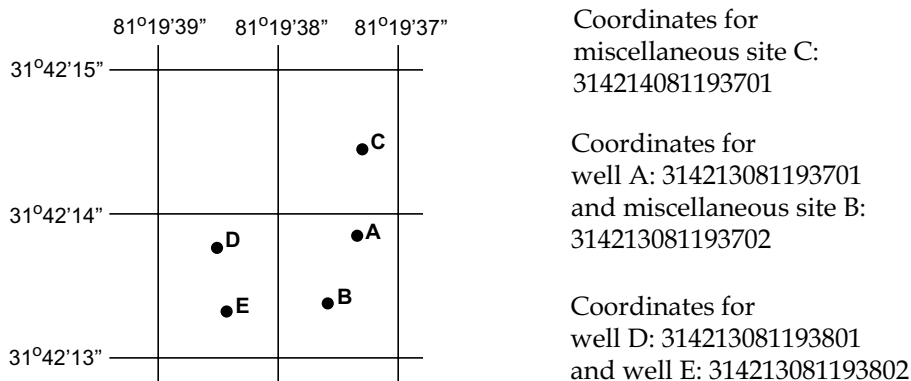
Since October 1, 1950, the order of listing hydrologic-station records in Survey reports is in a downstream direction along the main stream. All stations on a tributary entering upstream from a main-stream station are listed before that station. A station on a tributary that enters between two main-stream stations is listed between them. 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 situated with respect to the stream to which it is immediately tributary is indicated by an indentation in a list of stations in the front of the report. Each indentation represents one rank. This downstream order and system of indentation show which stations are on tributaries between any two stations and the rank of the tributary on which each station is situated.

As an added means of identification, each hydrologic station and partial-record station has been assigned a station number. These are in the same downstream order used in this report. In assigning station numbers, no distinction is made between partial-record stations and other stations; therefore, the station number for partial-record station indicates downstream-order position in a list made up of both types of stations. Gaps are left in the series of numbers to allow for new stations that may be established; hence, the numbers are not 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 the 2-digit part number "02" plus the 6 or 7-digit downstream order number 175000.

## NUMBERING SYSTEM FOR WELLS AND MISCELLANEOUS SITES

The 8 or 9-digit downstream order station numbers are not assigned to wells and miscellaneous sites where only random water-quality samples or discharge measurements are taken.

The well and miscellaneous site numbering system of the U.S. Geological Survey 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, minute and seconds of latitude, the next 7 digits denote degrees, minutes, and seconds of longitude, and the last 2 digits (assigned sequentially) uniquely identify the wells or other sites within a 1-second grid. See figure 2 below.



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

## SPECIAL NETWORKS AND PROGRAMS

Hydrologic Benchmark Network is a network of 50 sites in small drainage basins around the country whose purpose is to provide consistent data on the streamflow representative of undeveloped watersheds nationwide, and to provide analyses on a continuing basis to compare and contrast conditions observed in basins more obviously affected by human activities. At 10 of these 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 can be found at <http://water.usgs.gov/hbn/>.

National Stream-Quality Accounting Network (NASQAN) monitors 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 basins. For the period 2000 through 2004, sampling was reduced to a few index stations on the Colorado and Columbia 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 Program (NAWQA); (3) to characterize processes unique to large-river systems such as storage and re-mobilization 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 can be found at <http://water.usgs.gov/nasqan/>.

The National Atmospheric Deposition Program/National Trends Network (NADP/NTN) provides continuous measurement and assessment of the chemical constituents in precipitation throughout the United States. As the lead federal agency, the USGS works together with over 100 organizations to provide a long-term, spatial and temporal record of atmospheric deposition generated from a network of 225 precipitation chemistry monitoring 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 all data from the individual sites, can be found at <http://bqs.usgs.gov/acidrain/>.

The National Water-Quality Assessment (NAWQA) Program of the U.S. Geological Survey 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; provide an improved understanding of the primary natural and human factors affecting these observed conditions and trends; and provide information that supports development and evaluation of management, regulatory, and monitoring decisions by other agencies.

Assessment activities are being conducted in 59 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 will be 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 decision making by water-resources managers 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 can be found at <http://water.usgs.gov/nawqa/>

## RECORDS OF STAGE AND WATER DISCHARGE

### Data Collection and Computation

The data base collected at gaging stations consist of records of stage and measurements of discharge of streams or canals, and stage, surface area, and contents of lakes or reservoirs (figures 3, 4, 6). In addition, observation of factors affecting the stage-discharge relation or the stage-capacity relation, weather records, and other information are used to supplement base data determining the daily flow or volume of water in storage. Records of stage are obtained from either direct readings on a nonrecording gage, from a water-stage recorder that stores data electronically at selected time intervals or from a data collection platform that collects and transmits data at selected time intervals. Measurements of discharge are made with a current meter, using the general methods adopted by the Geological Survey. These methods are described in standard textbooks, in Water-Supply Paper 2175, and the U.S. Geological Survey Techniques of Water-Resources Investigations (TWRI's), Book 3, Chapter 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, rating tables giving the discharge for any stage are prepared from stage-discharge relation curves. If extensions to the rating curves are necessary to express discharge greater than measured, they are made on the basis of indirect measurements of peak discharge (such as slope-area or contracted-opening measurements, computation of flow over dams or 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 discharge are computed from the daily figures. If the stage-discharge relation is subject to change because of frequent or continual change in the physical features that form the control, 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 in 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 control, the daily mean discharge is computed by what is basically the shifting-control method.

At some stream-gaging stations the stage-discharge relation is affected by the backwater from reservoirs, tributary streams, or other sources. This 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 set at some distance from the base gage. At some stations the 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 gaging stations, acoustic velocity meter (AVM) systems are used to compute discharge. The AVM system measures the streams velocity at one or more paths in the cross section. Coefficients are developed to relate this path velocity to the mean velocity in the cross section. Because the AVM sensors are fixed in position, the adjustment coefficients generally vary with stage. Cross-sectional area curves are developed to relate stage, recorded as noted above, to cross section area. Discharge is computed by multiplying path velocity by the appropriate stage related coefficient and area.

For a lake or reservoir station, capacity tables giving the 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 change in contents is 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 gaging stations there are periods when no gage-height record is obtained or the recorded gage height is so faulty that it cannot be used to compute daily discharge or contents. This happens when the recorder stops or otherwise fails to operate properly, intakes are plugged, 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 for other stations in the same or nearby basins. Likewise, daily contents may be estimated on the basis of operator's log, prior and subsequent records, inflow-outflow studies, and other information.



The data in this report generally comprise a description of the station and tabulations of daily and monthly figures. For gaging stations on streams or canals a table showing the daily discharge and monthly and yearly discharge is given. For gaging stations on lakes and reservoirs a monthly summary table of stage and contents or a table showing the daily contents is given. Tables of daily mean gage heights are included for some streamflow stations and for some reservoir stations. Records are published for the water year, which begins on October 1 and ends on September 30.

The description of the gaging station gives the location, drainage area, period of record, notations of revisions of previously published records, type and history of gages, general remarks, average discharge, and extremes of discharge or contents. The location of the gaging station and the drainage area are obtained from most accurate maps available. River mileage, given under "LOCATION" for some stations, is that determined and used by the Corps of Engineers or other agencies. Periods for which there are published records for the present station or for stations generally equivalent to the present one are given under "PERIOD OF RECORD."

### Data Presentation

Streamflow data in this report are presented in a new format that is considerably different from the format in data reports prior to the 1992 water year. The major changes are that statistical characteristics of discharge now appear in tabular summaries following the water-year data table and less information is provided in the text or station manuscript above the table. These changes represent the results of a pilot program to reformat the annual water-data report to meet current user needs and data preferences.

The records published for each continuous-record surface-water discharge station (gaging station) now consist of four parts, the manuscript or station description; the data table of daily mean values of discharge for the current water year with summary data; a tabular statistical summary of monthly mean flow data for a designated period, by water year; and 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.

#### 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 to follow clarify information presented under the various headings of the station description.

**LOCATION.**--Information on locations 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 are available.

**PERIOD OF RECORD.**--This indicates the 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 flow at it can reasonably be considered equivalent to flow at the present station.

**REVISED RECORDS.**--Because of new information, published records occasionally are found to be incorrect, and revisions are printed in later reports. Listed under this heading are all the reports in which revisions have been published for the station and the water years to which the revisions apply. If a revision did not include daily, monthly, or annual figures of discharge, that fact is noted after the year dates as follows: "(M)" means that only the instantaneous maximum discharge was revised; "(m)" that only the instantaneous minimum was revised; and "(P)" that only peak discharges were revised. If the drainage area has been revised, the report in which the most recently revised figure was first published is given.

**GAGE.**--The type of gage in current use, the datum of the current gage referred to sea level (see glossary), and a condensed history of the types, locations, and datums of previous gages are given under this heading.

REMARKS.--All periods of estimated daily discharges will either be identified by date in this paragraph of the station description for water-discharge stations or flagged in the daily discharge table. (See next section, "Identifying Estimated Daily Discharge.") If a REMARKS paragraph is used to identify estimated record, the paragraph will begin with this information presented as the first entry. The paragraph is also used to present information 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 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, outlet works and spillway, and purpose and use of the reservoir.

COOPERATION.--Records provided by a cooperating organization or obtained for the U.S. Geological Survey by a cooperating organization are identified here.

EXTREMES OUTSIDE PERIOD OF RECORD.--Included here is information concerning 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 U.S. Geological Survey.

REVISIONS.--If a critical error in published records is discovered, a revision is included in the first report published following discovery of the error.

Although rare, occasionally the records of a discontinued gaging station may need revision. Because, for these stations, there would be no current or, possibly, future station manuscript published 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 ever revised after the stations was discontinued. Of course, if the data for a discontinued station were obtained by computer retrieval, the data would be current and there would be no need to check because 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 skeleton stage-capacity table when daily contents are given.

Headings for AVERAGE DISCHARGE, EXTREMES FOR PERIOD OF RECORD, AND EXTREMES FOR CURRENT YEAR have been deleted and the information contained in these paragraphs, except for the listing of secondary instantaneous peak discharges in the EXTREMES FOR CURRENT YEAR paragraph, is now presented in the tabular summaries following the discharge table or in the REMARKS paragraph, as appropriate. No changes have been made to the data presentations of lake contents.

#### 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 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 also is usually 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"). Figures for cubic feet per second per square mile and runoff in inches or in acre-feet may be omitted if there is extensive regulation or diversion 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 contents are given. These figures are identified by a symbol and corresponding footnote.

#### Statistics of monthly mean data

A tabular summary of the mean (line headed "MEAN"), maximum (lined headed "MAX"), and minimum (line headed "(MIN)") of monthly mean flows for each month for a designated period is provided below the mean values table. The water year of the first occurrence of the maximum and minimum monthly flows are provided immediately below those figures. The designated period will be expressed as "FOR WATER YEARS \_\_\_\_-\_\_\_\_, BY WATER (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. It will consist of all of the station record within the specified water years, inclusive, including complete months of record for partial water years, if any, and may coincide with the period of record for the station. The water years for which the statistics are computed will be consecutive, unless a break in the station 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 previous calendar year and for designated period, as appropriate. The designated period selected, "WATER YEARS \_\_\_\_-\_\_\_\_," will consist of all of the station record within the specified water years, inclusive, including complete months of record for partial water years, if any, and may coincide with the period of record for the station. The water years for which the statistics are computed will be 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 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 this occurs, it will be noted in the REMARKS paragraph or in footnotes. Selected streamflow duration curve statistics and runoff data area also given. Runoff data may be omitted if there is extensive regulation or diversion of flow in the drainage basin.

The following summary statistics data, as appropriate, are provided with each continuous record of discharge. Comments to follow clarify information presented under the various headings of the summary statistics table.

ANNUAL TOTAL.--The sum of the daily mean values of discharge for the year. At some stations the annual total discharge is adjusted for reservoir storage or diversion. The adjusted figures are identified by a symbol and corresponding footnotes.

ANNUAL MEAN.--The arithmetic mean of the individual daily mean discharges for the year noted or for the designated period. At some stations the yearly mean discharge is adjusted for reservoir storage or diversion. The adjusted figures are identified by symbol and corresponding footnotes.

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 a footnote or 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 (AC-FT).--Indicates the depth, in acre-feet, to which the drainage area would be covered if all the runoff for the year were uniformly distributed on it.

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:

Cubic feet per second 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) indicates 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 is a table of annual maximum stage and discharge at crest-stage stations, and the second is a table of 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 generally made in times of drought or flood to give better areal coverage to those events. Those measurements and others collected for some special reason are called measurements at miscellaneous sites.

#### 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 station description under "REMARKS" states the degree of accuracy of the records. "Excellent" means that about 95 percent of the daily discharges are within 5 percent; "good" within 10 percent; and "fair" within 15 percent. "Poor" means that daily discharges have less than "fair" accuracy.

Figures 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 cfs; to tenths between 1.0 and 10 cfs; to whole numbers between 10 and 1,000 cfs; and to 3 significant figures above 1,000 cfs. The number of significant figures used is based solely on the magnitude of the figure. The same rounding rules apply to discharge figures 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, figures 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.

#### Revised records

Previously, if a significant error in published records was discovered, a revision was published in the first report following discovery of the error. This paragraph then served to document for users all the reports in which revisions had been published for the station and the water years to which the revisions applied. However, beginning with the 1983 water year, revisions will no longer be published but appropriate changes will be made in files.

Under "Revised Records," a year listed without qualification indicates that daily, monthly, or annual discharges were revised. The qualifications (M), (m), and (P) mean that only the instantaneous maximum, the instantaneous or daily minimum, and flood peaks above the base, respectively, have been revised. For example, the notation for indicating that the 1979 water-year daily values for a particular station in South Carolina have been revised during the 1983 water year would no longer be "WRD SC-83-1: 1979," but "W 1983: 1979." If the drainage area has been revised, the report in which the most recently revised figure was first published is given.

Other data available

Information of a more detailed nature than that published for most of the gaging stations such as observations of water temperatures, discharge measurements, gage-height records, and rating tables is on file in the district office. Also most 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.

## **RECORDS OF PRECIPITATION**

### Data Collection and Computation

Rainfall data were generally collected by data collection platforms in 0.01-inch increments every 15 minutes using tipping-bucket raingages. Twenty-four hour rainfall totals are tabulated and presented. A 24-hour period extends from midnight the previous day to midnight 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 a "---" in the table.

### Data Presentation

Precipitation records collected at surface-water gaging stations are identified by the same station number and name as the 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. The descriptive headings give details regarding location, period of record, and general remarks.

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

LOCATION.--See Data Presentation under "Records of Stage and Water Discharge", same comments apply.

PERIOD OF RECORD.--See Data Presentation under "Records of Stage and Water Discharge", 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.

## RECORDS OF SURFACE-WATER QUALITY

Records of surface-water quality ordinarily are obtained at or near stream-gaging stations because interpretation of records of surface-water quality nearly always requires corresponding discharge data. Records of surface-water quality in this report may 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 continuing or partial-record station, where random 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", which refers to a continuous graph or a series of discrete values, usually collected on an hourly basis and obtained via data collection platform. Some records of water quality, such as temperature, specific conductance, and dissolved-oxygen concentration may be obtained through continuous recordings; however, because of costs, some 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 figures 5.

### 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, as described by Wagner and others (2000). Additional consideration also is given to the amount of publishable record and to the amount of data that have been corrected or shifted.

Rating 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	Ratings			
	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 records 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 assure 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 publications on "Techniques of Water-Resources Investigations," Book 1, Chap. D2; Book 3, Chap. A1, A3, and A4; Book 9, Chapters A1-A9." These references are listed in the PUBLICATIONS ON TECHNIQUES OF WATER-RESOURCES INVESTIGATIONS section of this report. These methods are consistent with ASTM standards and generally follow ISO standards.

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 through several vertical sections 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 continuous monitors, the records consist of daily maximum, minimum, and mean values for each constituent measured. These daily values are based upon hourly readings or data collection platform transmissions beginning at 0100 hours and ending at 2400 hours for the day of record. More detailed records (hourly values) may be obtained from the USGS South Carolina District office.

Dissolved trace-element concentrations are reported herein for water that was collected, processed, and analyzed by using either ultraclean or other than ultraclean techniques. If ultraclean techniques were used, then those concentrations are reported in nanograms per liter. If other than ultraclean techniques were used, then those concentrations are reported in micrograms per liter and could reflect contamination introduced during some phase of the procedure.

#### Water temperature

Water temperatures are measured at most of the water-quality stations. In addition, water temperatures are taken at 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. At stations where recording instruments are used, maximum, minimum, and mean temperatures for each day are published. Large streams have a small daily 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.

#### 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 sections.

At other stations, suspended-sediment samples were collected periodically at many verticals in the stream cross section. Although data collected periodically may represent conditions only at the time of observations, such data are useful in establishing seasonal relations between quality and streamflow in predicting long-term sediment-discharge characteristics of the stream. Methods used in the computation of sediment records are described in the TWRI Book 3, Chapters C1 and C3. These methods are consistent with ASTM standards and generally follow ISO standards. In addition to the records of the quantities of suspended sediment, 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 indicator bacteria are analyzed locally. Samples for the National Stream Quality Accounting Network, the Hydrologic Benchmark Network (see definitions), and several long-term trend stations are analyzed in the U.S. Geological Survey laboratory in Arvada, CO. All sediment samples are analyzed by the Kentucky District Sediment Laboratory. Methods used to analyze sediment samples and to compute sediment records are described in the TWRI Book 5, Chapter C1. Methods used



by the U.S. Geological Survey laboratories are given in the TWRI Book 1, Chapter D2; Book 3, Chapter C2; and Book 5, Chapters A1, A3, A4, and A5. These methods are consistent with ASTM standards and generally follow ISO standards.

### Data Presentation

#### Station manuscript

For continuous-record stations, information pertinent to the history of station operation is provided in descriptive headings preceding the tabular data in the station manuscript. 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.

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, as appropriate, 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 under "Records of Stage and Water Discharge:" same comments apply.

DRAINAGE AREA.--See Data Presentation under "Records of Stage and Water Discharge:" same comments apply

PERIOD OF RECORD.--This indicates the periods for which there are published water-quality record for the station. 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 or record and for the current water year.

REVISIONS.--If errors in published water-quality records are discovered after publication, appropriate updates are made in the U.S. Geological Survey's distributed data system, NWIS, and subsequently to its web-based National data system, NWISWeb

<http://water.usgs.gov/nwis/nwis>

Because the usual volume of updates makes it impractical to document individual changes in the State data-report series or elsewhere, potential users of USGS water-quality data are encouraged to obtain all required data from NWIS or NWISWeb to ensure the most recent updates. Updates to the NWISWeb are currently made on an annual basis.

#### Data table of daily values

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, and dissolved-oxygen concentration, then follow in sequence. Water temperature data are rounded to the nearest 0.5 degree centigrade for publication. In this report, dissolved-oxygen concentrations are not adjusted for salinity.

### Remarks Codes

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

PRINT OUTPUT	REMARK
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).
&	Biological organism estimated as dominant.
V	Analyte was detected in both the environmental sample and the associated blanks.

### Dissolved Trace-Element Concentrations

Note.--Traditional, dissolved trace-element concentrations have been reported at the microgram per liter (ug/L) level. Recent evidence, mostly from large rivers, indicates that the actual dissolved-phase concentrations for a number of trace elements are within the range of 10's to 100's of nanograms per liter (ng/L). Data above the ug/L level should be viewed with caution. Such data may actually represent elevated environmental concentrations from natural or human causes; however, these data could reflect contamination introduced during sampling, processing, or analysis. To confidently produce dissolved trace-element data with insignificant contamination, the USGS began using trace-element protocols at some stations in water year 1994.

### Change in National Trends Network Procedures

Note.--Sample handling procedures at all National Trends Network stations were changed substantially on January 11, 1994, in order to reduce contamination from the sample shipping container. The data for samples before and after that date are different and not directly comparable. A tabular summary of the differences based on a special intercomparison study is available from the NADP Program Office, Illinois State Water Survey, 2204 Griffith Drive, Champaign, IL 61820-7495 (Telephone: 217-333-7873).

WATER RESOURCES DATA FOR SOUTH CAROLINA, 2002  
**RECORDS OF GROUND-WATER LEVEL AND QUALITY**

Data Collection and Computation

The ground-water level data published in this report is from a basic network of observation wells located across the State (fig. 7). These wells penetrate and receive water from various aquifers and supply the most significant data on the regional ground-water conditions of the State. 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 provided for local needs (fig. 2).

Most methods for collecting and analyzing water samples are described in the U.S. Geological Survey TWRI publications referred to in the "On-site Measurements and Sample Collection" and the "Laboratory Measurements" sections in this data report. In addition, the TWRI Book 1, Chapter D2, describes guidelines for the collection and field analysis of ground-water samples for selected unstable constituents. The values reported in this report represent water-quality conditions at the time of sampling as much as possible, consistent with available sampling techniques and methods of analysis. These methods are consistent with ASTM standards and generally follow ISO standards. All samples were obtained by trained personnel. The wells sampled were pumped long enough to assure 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.

Each observation well is equipped with a electronic data logger or data collection platform that records the water level in the well every hour. The recorders are checked periodically and the depth to water verified by tape measurements. Mechanical failures or other causes will interrupt the record or cause false values to be recorded which must be corrected. The blank spaces in the hydrographs are the results of such loss of record.

Water-level measurements in this report are given in feet with reference to either sea level or land-surface datum (LSD). Land-surface datum is a datum plane that is approximately at land surface at each well. If known, the altitude 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 are reported to two significant figures. The accuracy of the measurement depends on the depth to water. The error increases with greater depths so that measurements of water levels one hundred feet or greater probably are not accurate to the degree indicated. However, successive measurements of water levels in a well by means of a recorder to determine net changes in the water level are considered to be accurate.

Data Presentation

Station manuscript

Each well record consists of three parts, the station manuscript, the data tables of water levels observed during the current year, and a hydrograph of the water levels for the current water year or other selected period. The description of the well is presented first through use of the descriptive headings preceding the tabular data. The comments to follow clarify information presented under the various headings of the station description.

**LOCATION.**--This paragraph follows the well-identification number and reports the latitude and longitude (given in degrees, minutes, and seconds); the hydrologic-unit number; the distance and direction from a geographic point of reference; and the owner's name.

**AQUIFER.**--This entry designates by name (if a name exists) and geologic age the aquifer(s) open to the well.

**WELL CHARACTERISTICS.**--This entry describes the well in terms of depth, diameter, casing depth and/or screened interval, method of construction, use, and additional information such as casing breaks, collapsed screen, and other 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 weekly, monthly, or some other frequency of measurement.

**DATUM.**--This entry describes both the measuring point and the land-surface elevation at the well. The measuring point is described physically (such as top of collar, notch in top of casing, plug in pump base and so on), 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 (or below) sea level; 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. It should identify wells that also are water-quality observation wells, and may be used to acknowledge the assistance of local (non-Survey) observers.

**PERIOD OF RECORD.**--This entry indicates the period for which there are published records for the well. It reports the month and year of the start of publication of water-level records by the U.S. Geological Survey and the words "to current year" if the records are to

be continued into the following year. Periods for which water-level records are available, but are not published by the Geological Survey, may be noted.

**EXTREMES FOR PERIOD OF RECORD.**--This entry contains the highest and lowest water levels of the period of published record, with respect to land-surface datum, and the dates of their occurrence.

#### Data table of daily mean values

A table of water levels follows the station description for each well. Water levels are reported in feet below land-surface datum. For wells equipped with recorders, daily mean values are published. The highest and lowest water levels of the water year and their dates of occurrence are shown on a line below the abbreviated table. Missing records are indicated by dashes in place of water level. Monthly minimums, maximums, and means are determined for months with five or fewer days of missing record.

#### Hydrograph of water level

A hydrograph for a selected period of record, usually the current and previous water year, follows each water-level table. The hydrographs show the daily mean depth below land surface for each day.

### **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 at

<http://water.usgs.gov>

Some water-quality and ground-water data also are available through the WWW. In addition, data can be provided in various machine-readable formats on magnetic tape or 3-1/2 inch floppy disk. Information about the availability of specific types of data or products, and user charges, can be obtained locally from each of the Water Resources Division District Offices (see address on the back of the title page).

## PUBLICATIONS ON TECHNIQUES OF WATER-RESOURCES INVESTIGATIONS

The USGS publishes a series of manuals titled the "Techniques of Water-Resources Investigations" that describe procedures for planning and conducting specialized work in water-resources investigations. The material in these manuals 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. Each chapter then is limited to a narrow field of the section subject matter. This publication format permits flexibility when revision or printing is required.

Manuals in the Techniques of Water-Resources Investigations series, which are listed below, are available online at <http://water.usgs.gov/pubs/twri/>. Printed copies are available for sale from the USGS, Information Services, Box 25286, Federal Center, Denver, Colorado 80225 (an authorized agent of the Superintendent of Documents, Government Printing Office). Please telephone "1-888-ASK-USGS" for current prices, and refer to the title, book number, section number, chapter number, and mention the "U.S. Geological Survey Techniques of Water-Resources Investigations." Other products can be viewed online at <http://www.usgs.gov/sales.html>, or ordered by telephone or by FAX to (303)236-4693. Order forms for FAX requests are 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. Greeson, 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. Various 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. Various 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.

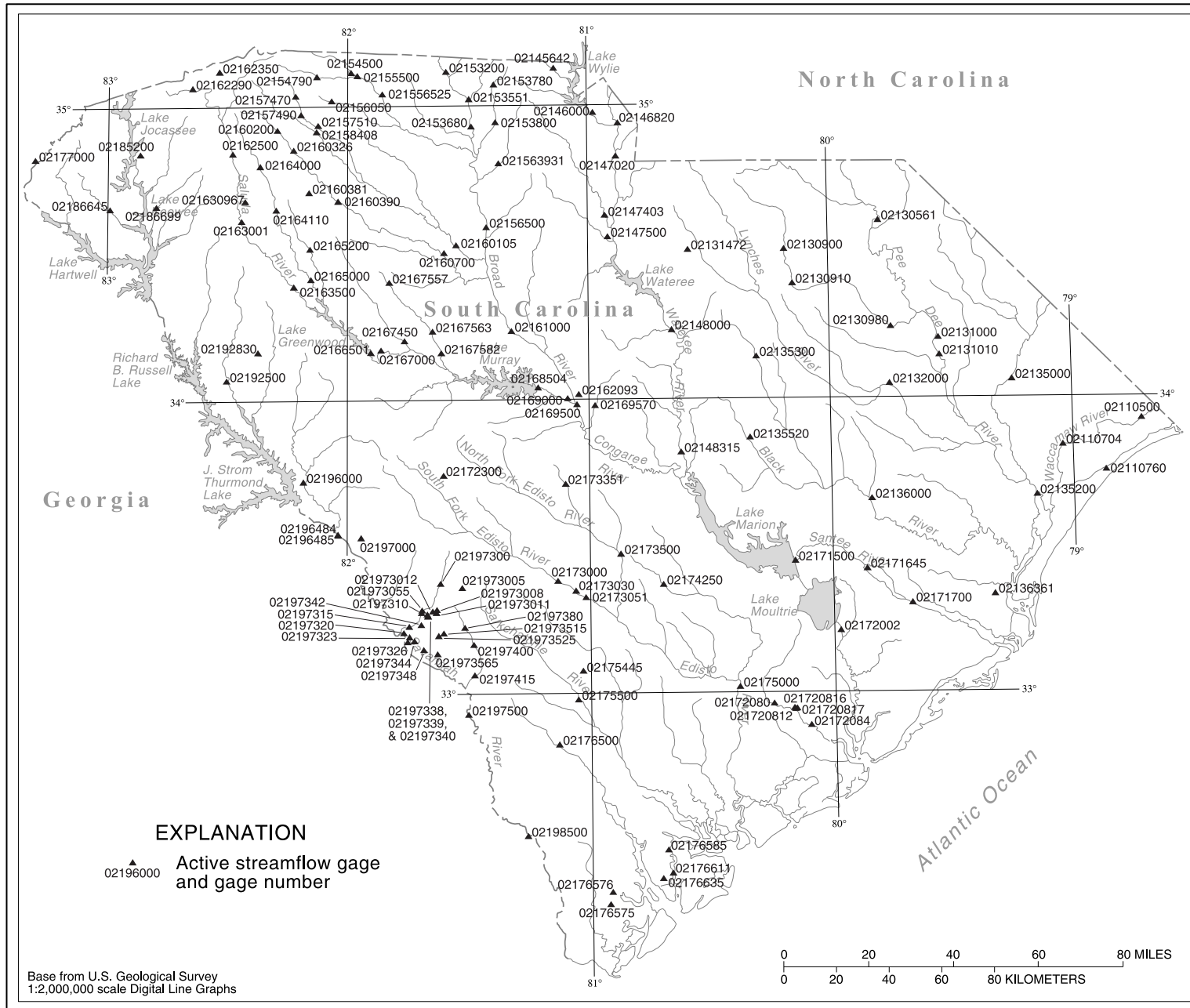


Figure 3.--Location of streamflow gaging stations.

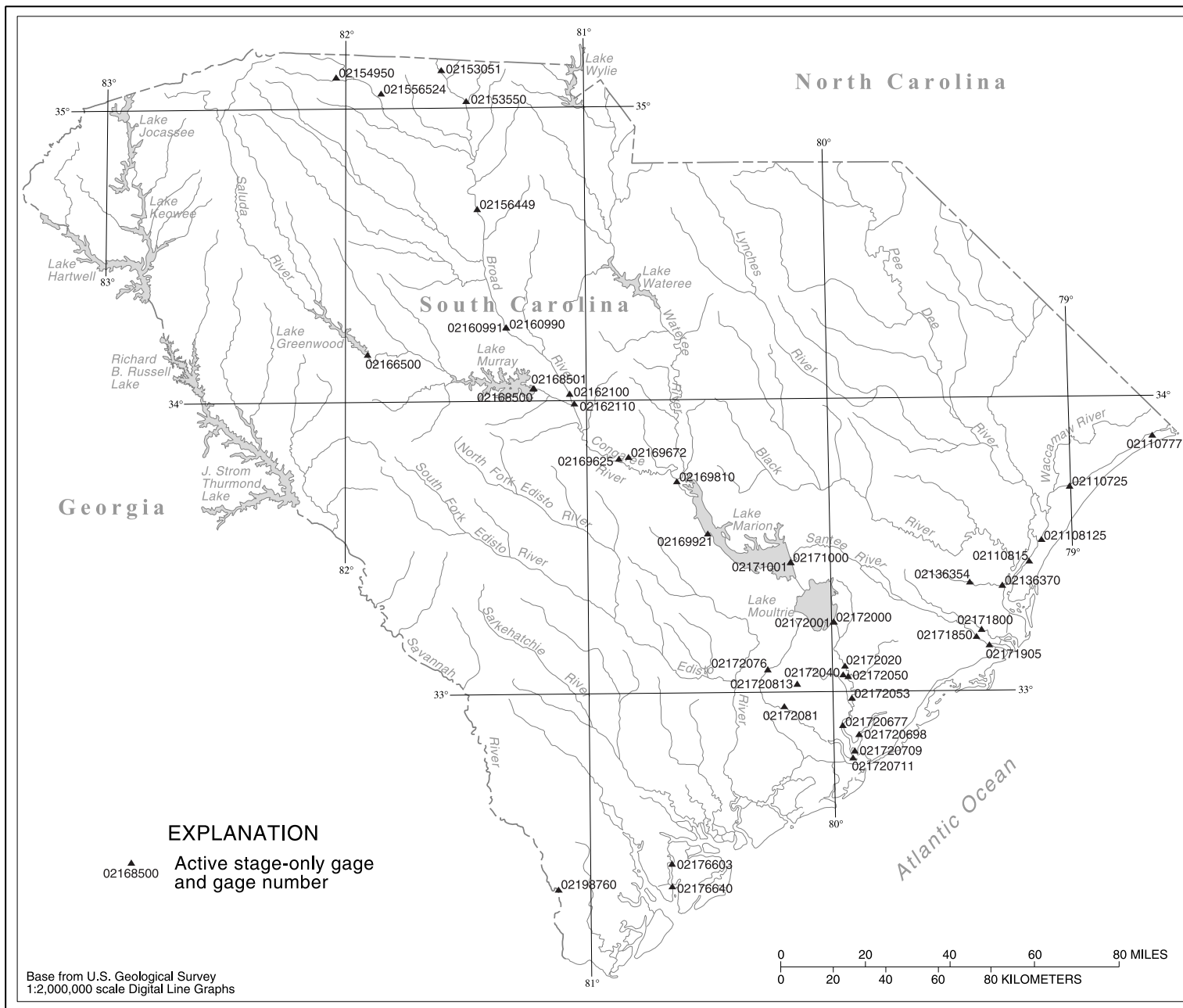


Figure 4.--Location of stage-only gaging stations.

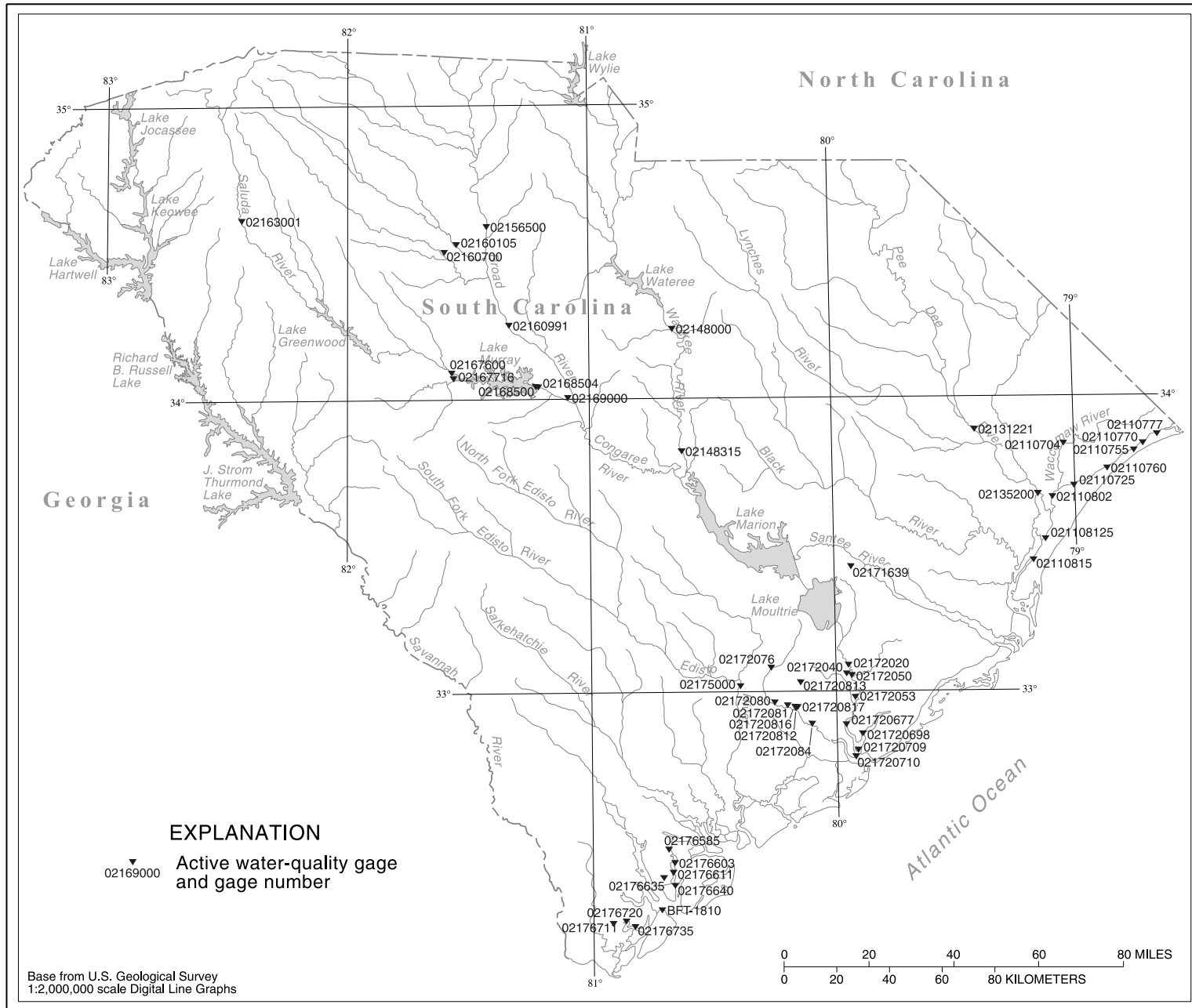


Figure 5.--Location of water-quality gaging stations.

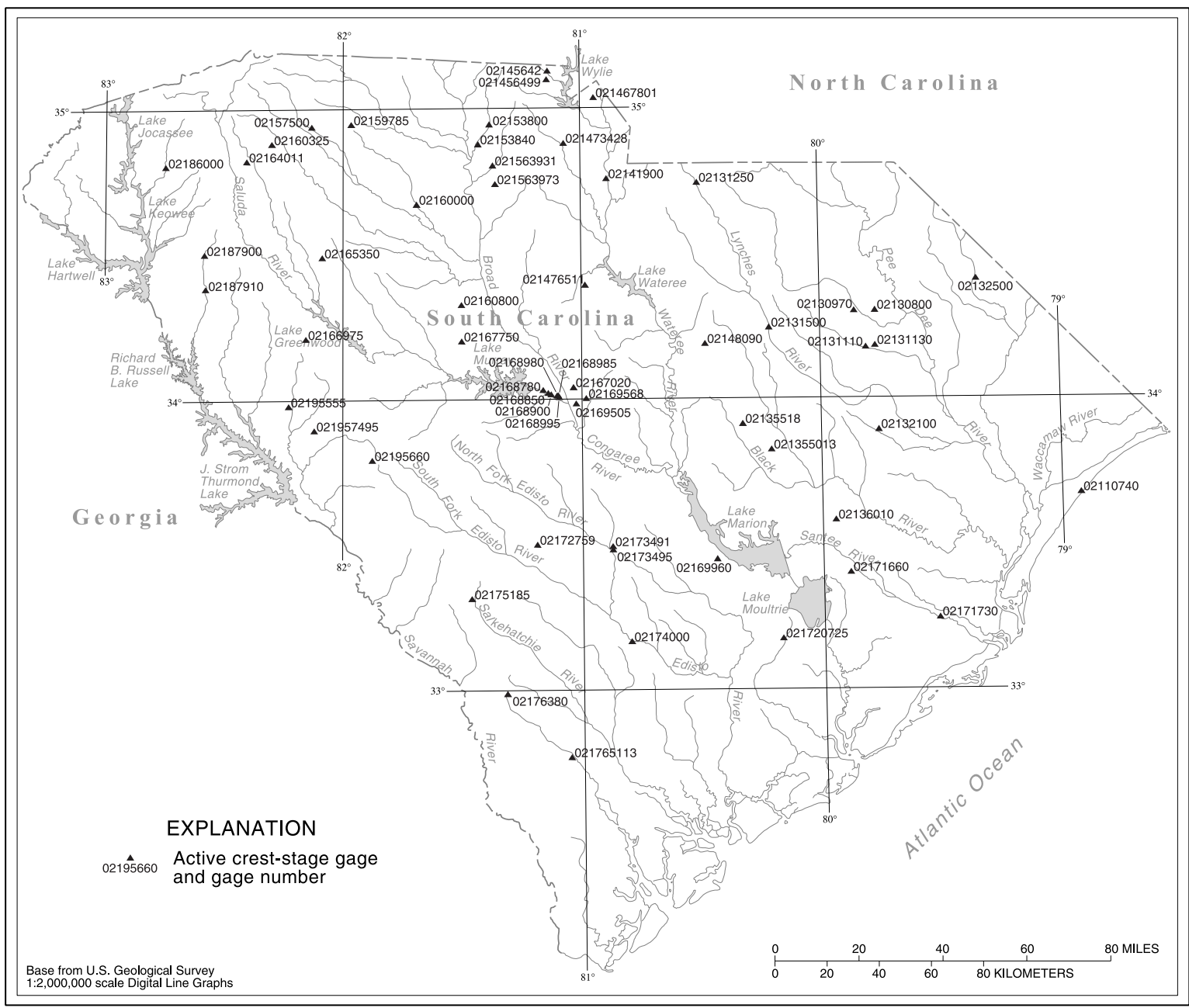


Figure 6.--Location of crest-stage gaging stations.

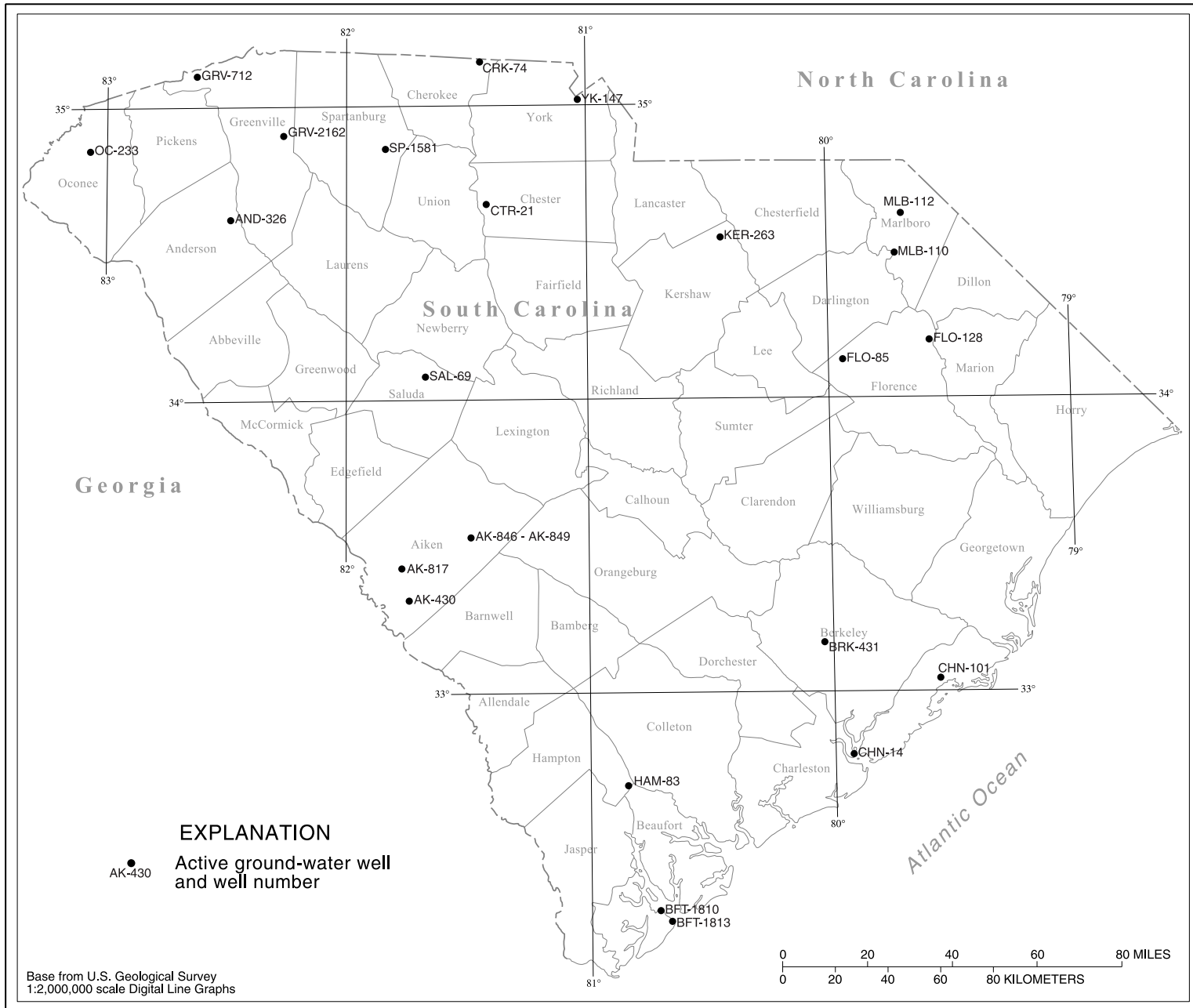


Figure 7.--Location of ground-water wells.



SURFACE WATER RECORDS



## WACCAMAW RIVER BASIN

02110500 WACCAMAW RIVER NEAR LONGS, SC

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

DRAINAGE AREA.--1,110 mi<sup>2</sup>, approximately.

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

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

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

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	77	15	13	16	98	239	465	42	16	21	52	713
2	71	13	13	16	96	235	434	38	14	17	25	672
3	65	12	12	21	94	389	403	35	13	15	19	622
4	59	11	12	20	91	465	373	33	11	13	22	579
5	54	11	12	19	87	470	346	31	10	11	25	530
6	50	11	11	28	84	496	321	29	9.7	11	24	475
7	48	10	11	50	149	532	297	26	10	13	22	412
8	43	10	10	45	271	589	275	25	10	14	21	349
9	40	9.8	9.8	43	288	677	252	23	9.7	10	20	296
10	37	9.4	9.9	47	322	787	228	23	9.0	9.3	20	246
11	35	8.8	22	50	385	886	206	33	8.5	9.6	19	205
12	34	8.0	30	53	422	965	186	34	8.1	11	18	172
13	33	7.6	24	58	445	1070	170	29	7.9	12	16	148
14	33	7.8	20	63	463	1140	157	38	7.8	16	15	136
15	32	8.2	19	73	480	1170	147	40	11	33	17	165
16	e30	9.2	18	80	490	1170	138	39	8.8	22	22	243
17	e28	8.2	18	84	488	1170	129	38	8.0	16	20	344
18	e27	8.3	18	86	473	1160	120	36	9.3	13	17	420
19	e26	8.5	18	89	451	1140	113	35	11	11	15	579
20	e25	8.0	16	89	424	1130	106	31	21	10	20	683
21	e24	7.2	17	88	396	1100	99	29	18	11	15	756
22	e23	7.6	19	88	363	1070	91	25	18	13	14	769
23	22	7.6	19	87	331	1010	82	23	24	13	13	746
24	21	12	19	87	306	948	75	22	21	15	12	789
25	20	14	19	88	287	873	73	21	16	20	12	786
26	19	12	19	88	273	796	68	21	17	40	12	789
27	18	12	18	90	265	724	62	19	19	32	16	787
28	18	13	18	92	251	652	57	18	36	25	164	751
29	17	13	18	95	---	590	51	17	34	19	484	711
30	16	13	17	95	---	538	46	18	27	14	678	672
31	16	---	17	97	---	495	---	17	---	13	766	---
TOTAL	1061	306.2	516.7	2025	8573	24676	5570	888	443.8	502.9	2615	15545
MEAN	34.2	10.2	16.7	65.3	306	796	186	28.6	14.8	16.2	84.4	518
MAX	77	15	30	97	490	1170	465	42	36	40	766	789
MIN	16	7.2	9.8	16	84	235	46	17	7.8	9.3	12	136
CFSM	0.03	0.01	0.02	0.06	0.28	0.72	0.17	0.03	0.01	0.01	0.08	0.47
IN.	0.04	0.01	0.02	0.07	0.29	0.83	0.19	0.03	0.01	0.02	0.09	0.52

## STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1950 - 2002, BY WATER YEAR (WY)

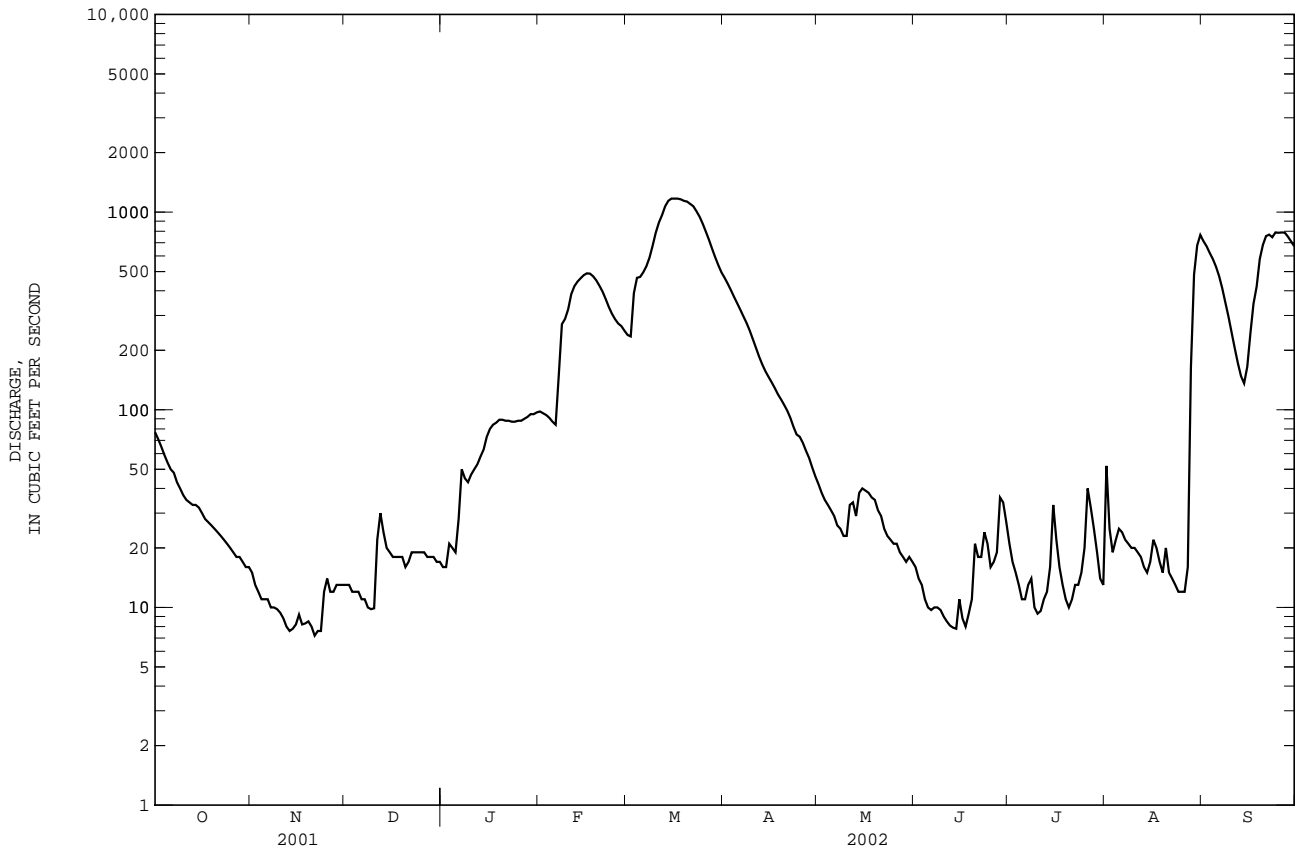
MEAN	1019	615	770	1763	2336	2504	1703	679	540	782	1057	1381
MAX	10080	3096	2780	6330	9142	7748	5072	5441	2422	6191	5643	11810
(WY)	2000	2000	1995	1993	1998	1983	1958	1999	1969	1961	1981	1999
MIN	5.13	6.20	16.7	65.3	260	363	186	28.6	14.8	13.2	14.5	3.70
(WY)	1984	1984	2002	2002	1989	1955	2002	2002	2002	1952	1954	1954

02110500 WACCAMAW RIVER NEAR LONGS, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1950 - 2002	
ANNUAL TOTAL	239988.9		62722.6		1257	
ANNUAL MEAN	658		172		2457	
HIGHEST ANNUAL MEAN					1999	
LOWEST ANNUAL MEAN					2002	
HIGHEST DAILY MEAN	4150	Mar 30	1170	a Mar 15	28100	Sep 23 1999
LOWEST DAILY MEAN	7.2	Nov 21	7.2	Nov 21	1.0	Oct 14 1954
ANNUAL SEVEN-DAY MINIMUM	7.9	Nov 17	7.9	Nov 17	2.0	Sep 7 1954
MAXIMUM PEAK FLOW			1180	b Mar 15	28200	Sep 22 1999
MAXIMUM PEAK STAGE			8.15	b Mar 15	17.94	Sep 22 1999
INSTANTANEOUS LOW FLOW			7.0	c Nov 13	1.0	Oct 14 1954
ANNUAL RUNOFF (CFSM)	0.59		0.15		1.13	
ANNUAL RUNOFF (INCHES)	8.04		2.10		15.39	
10 PERCENT EXCEEDS	1560		603		3120	
50 PERCENT EXCEEDS	419		31		686	
90 PERCENT EXCEEDS	13		10		52	

a Also occurred Mar. 16, 17.  
 b Also occurred Mar. 16.  
 c Also occurred Nov. 14.

e Estimated



## WACCAMAW RIVER BASIN

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.--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 ft<sup>3</sup>/s, Sep. 25-27, 1999, gage height; 17.64 ft; minimum discharge, unknown.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 2,360 ft<sup>3</sup>/s, Sep. 1, gage height; 8.57 ft; minimum discharge, -1,910 ft<sup>3</sup>/s, Dec. 30.

## DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	1520	-1020	1560	-1530	1450	-1630	1350	-1730	1610	-1570	1580	-1450
2	1460	-892	1500	-1520	1480	-1610	1310	-1800	1530	-1610	1800	-1430
3	1500	-834	1460	-1610	1330	-1680	1480	-1640	1580	-1580	2050	-545
4	1570	-1100	1460	-1610	1430	-1550	1470	-1630	1640	-1250	1840	-462
5	1510	-1420	1380	-1480	1390	-1570	1350	-1580	1520	-1580	1870	-817
6	1490	-1490	1440	-1460	1360	-1620	1280	-1500	1370	-1600	1710	-960
7	1360	-1740	1540	-1410	1410	-1600	1490	-1370	1650	-1310	1690	-946
8	1460	-1500	1400	-1610	1280	-1600	1280	-1440	1630	-1180	1710	-966
9	1420	-1370	1490	-1740	1410	-1470	1250	-1560	1640	-1110	1790	-1030
10	1460	-1410	1300	-1550	1260	-1610	1210	-1490	1700	-1210	1770	-873
11	1450	-1400	1450	-1520	1520	-1070	---	---	1750	-987	1880	-939
12	1490	-1460	1370	-1580	1540	-1430	---	---	1850	-1300	1920	-663
13	1490	-1360	1410	-1430	1490	-1590	1320	-1570	1810	-925	2110	-343
14	1490	-1250	1470	-1380	1440	-1590	1280	-1690	1690	-1040	2040	-567
15	1660	-1160	1440	-1440	1470	-1590	1370	-1520	1730	-793	2100	-440
16	1560	-1200	1460	-1460	1330	-1760	1320	-1570	1750	-839	2130	-107
17	1670	-1160	1440	-1520	1370	-1670	1330	-1470	1780	-783	2080	-70
18	1540	-1450	1350	-1630	1490	-1250	1320	-1400	1570	-1170	2200	-198
19	1560	-1330	1370	-1510	1290	-1810	1240	-1630	1600	-1000	2090	57
20	1690	-1420	1420	-1490	1430	-1520	1320	-1430	1580	-1020	2120	132
21	1430	-1460	1330	-1590	1270	-1570	1300	-1490	1710	-1010	2190	301
22	1490	-1470	1390	-1350	1190	-1620	1340	-1220	1510	-1260	2180	345
23	1450	-1330	1300	-1470	1250	-1480	1310	-1500	1500	-1360	2020	21
24	1540	-1260	1310	-1500	1430	-1340	1340	-1590	1580	-1190	2050	2
25	1550	-1370	1300	-1380	1220	-1650	1390	-1570	1680	-1110	2030	-258
26	1470	-1580	1300	-1450	1290	-1440	1450	-1630	1740	-1320	2100	-499
27	1350	-1560	1280	-1600	1460	-1430	1530	-1520	1690	-1180	2110	-332
28	1310	-1540	1240	-1650	1280	-1790	1440	-1580	1610	-1570	1950	-317
29	1310	-1540	1390	-1680	1320	-1810	1390	-1710	---	---	1690	-195
30	1330	-1470	1330	-1670	1310	-1910	1530	-1700	---	---	1530	22
31	1370	-1470	---	---	1340	-1850	1510	-1630	---	---	1830	-349
MONTH	1690	-1740	1560	-1740	1540	-1910	---	---	1850	-1610	2200	-1450

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

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	1970	2	1470	-1500	1660	-1230	1410	-1550	1330	-1210	2360	1740
2	1870	-693	1460	-1540	1680	-1270	1380	-1350	1500	-1070	2260	1390
3	1860	-653	1570	-1490	1580	-1330	1310	-1450	1540	-933	2000	1080
4	1830	-882	1220	-1780	1630	-1180	1370	-1400	1460	-888	2040	847
5	1720	-871	1520	-1310	1540	-1220	1360	-1420	1590	-970	2020	176
6	1750	-616	1360	-1510	1510	-1310	1390	-1390	1500	-823	2010	-17
7	1690	-912	1360	-1430	1510	-1540	1370	-1290	1440	-660	1880	-56
8	1710	-984	1390	-1490	1380	-1520	1460	-1390	1420	-621	1720	-95
9	1630	-1230	1350	-1550	1550	-1300	1430	-1370	1420	-642	1680	-304
10	1590	-1280	1420	-1580	1520	-1260	1350	-1560	1480	-777	1680	-767
11	1480	-1440	1420	-1630	1490	-1350	1350	-1540	1530	-912	1790	-700
12	1600	-1270	1530	-1670	1450	-1420	1340	-1720	1570	-1140	1610	-882
13	1610	-1290	1450	-1550	1580	-1440	1580	-1230	1510	-1200	1610	-887
14	1750	-1290	1490	-1560	1490	-1520	1670	-1150	1500	-1260	1680	-1010
15	1620	-1330	1330	-1850	1650	-1450	1490	-1340	1490	-1320	1620	-1190
16	1680	-1380	1430	-1640	1530	-1200	1530	-1370	1540	-1330	1650	-1130
17	1640	-1390	1390	-1620	1620	-1240	1480	-1340	1420	-1370	1630	-1230
18	1590	-1400	1440	-1660	1640	-1100	1480	-1340	1480	-1610	1710	-971
19	1480	-1450	1370	-1630	1560	-1300	1390	-1440	1420	-1510	1910	-337
20	1630	-1440	1440	-1650	1500	-1300	1480	-1520	1370	-1510	2030	-131
21	1620	-1560	1610	-1100	1470	-1430	1420	-1370	1490	-1420	1980	-73
22	1670	-1280	1560	-1220	1500	-1280	1440	-1400	1430	-1420	1900	59
23	1530	-1510	1650	-1160	1560	-1440	1460	-1300	1560	-1400	1860	59
24	1640	-1270	1570	-1430	1450	-1490	1420	-1320	1400	-1340	1900	266
25	1780	-1240	1550	-1530	---	---	1460	-1460	1450	-1420	1920	458
26	1660	-1390	1420	-1700	1370	-1710	1390	-1470	1430	-1240	1830	710
27	1640	-1300	1440	-1690	1460	-1610	1510	-1470	1480	-1130	1850	796
28	1720	-1160	1440	-1480	1410	-1700	1440	-1320	1770	-1240	2190	583
29	1700	-1310	1640	-1270	1380	-1630	1430	-1280	2000	155	1920	292
30	1370	-1620	1650	-1060	1370	-1460	1390	-1390	2160	518	1860	270
31	---	---	1680	-1210	---	---	1350	-1310	2260	1450	---	---
MONTH	1970	-1620	1680	-1850	---	---	1670	-1720	2260	-1610	2360	-1230

WACCAMAW RIVER BASIN

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

WATER-QUALITY RECORDS

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

PERIOD OF DAILY RECORD.--

TEMPERATURE: October 1991 to current year.

DISSOLVED OXYGEN: October 1990 to current year.

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

REMARKS.--Temperature records rated excellent except for Aug. 8 to Aug. 29, which are good. Dissolved oxygen records rated excellent except for Aug. 8 to Aug. 29, which are poor. 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, 33.4°C, July 31; minimum, 7.2°C, Jan. 9.

DISSOLVED OXYGEN: Maximum, 11.2 mg/L, Jan. 5; minimum 2.2 mg/L, Sep. 8, 9, 11, 15.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	22.0	21.4	21.7	19.3	17.4	18.2	18.9	17.9	18.4	10.4	9.9	10.1
2	21.7	21.1	21.4	20.0	17.9	18.8	19.0	18.0	18.5	10.0	9.0	9.6
3	21.7	21.1	21.4	20.4	18.3	19.2	18.5	17.8	18.3	9.2	8.5	8.8
4	21.9	21.2	21.5	20.3	18.6	19.4	18.0	17.4	17.8	8.5	7.8	8.1
5	22.0	21.4	21.7	19.8	18.5	19.2	17.8	17.2	17.5	8.2	7.6	7.8
6	22.5	21.6	21.9	19.1	18.2	18.6	17.5	16.9	17.2	8.8	7.6	8.0
7	21.8	21.4	21.6	18.2	17.3	17.7	17.6	16.9	17.2	8.3	7.7	7.9
8	21.4	20.7	21.0	17.6	16.8	17.1	17.8	17.0	17.3	8.2	7.4	7.7
9	20.8	20.2	20.5	17.7	16.7	17.1	18.0	17.4	17.7	8.2	7.2	7.6
10	20.7	20.1	20.4	17.7	16.7	17.1	18.0	17.2	17.4	8.6	7.3	7.9
11	21.2	20.4	20.7	17.6	16.6	17.1	17.2	16.9	17.0	---	---	---
12	21.5	20.6	21.0	17.4	16.4	16.9	16.9	16.6	16.7	---	---	---
13	21.8	20.8	21.3	16.8	16.0	16.3	16.9	16.5	16.7	10.8	8.7	9.8
14	22.3	21.2	21.8	16.2	15.9	16.1	17.4	16.8	17.1	10.4	8.4	9.3
15	22.4	21.5	22.0	16.1	15.9	16.0	17.7	17.2	17.4	10.4	8.6	9.4
16	22.5	21.2	21.9	16.3	15.8	16.0	17.2	16.6	16.9	9.8	8.5	9.1
17	21.8	20.5	21.2	16.3	15.9	16.1	16.7	16.3	16.5	9.9	8.6	9.2
18	20.7	19.8	20.3	16.2	15.8	16.0	16.8	16.4	16.6	9.9	8.9	9.2
19	20.7	19.5	20.0	16.2	15.7	15.9	16.4	15.9	16.2	10.8	9.1	9.7
20	21.3	19.9	20.3	16.1	15.8	16.0	16.1	15.3	15.7	10.4	9.7	10.0
21	21.7	20.4	20.8	15.9	15.3	15.6	15.3	14.4	14.8	10.7	9.9	10.2
22	22.2	20.8	21.3	15.3	14.7	15.0	14.5	13.4	13.9	10.4	9.8	10.1
23	22.7	21.3	21.8	15.2	14.8	15.0	13.5	12.8	13.3	10.8	9.9	10.3
24	23.5	21.7	22.4	16.0	15.1	15.4	13.8	13.2	13.5	11.7	10.5	11.0
25	23.7	22.3	22.9	16.5	15.7	16.0	13.4	12.5	13.0	12.0	11.4	11.7
26	23.7	21.6	22.1	16.9	16.0	16.4	12.6	11.9	12.3	12.2	11.4	11.8
27	22.2	20.3	21.0	17.4	16.5	16.9	11.9	11.1	11.6	12.5	11.5	12.0
28	20.6	19.1	19.6	17.8	16.8	17.3	11.2	10.3	10.8	12.9	12.1	12.4
29	19.1	18.2	18.5	18.2	17.1	17.7	11.0	10.4	10.7	13.3	12.3	12.7
30	18.3	17.4	17.9	18.6	17.5	18.1	10.8	10.4	10.7	14.0	12.9	13.3
31	18.4	17.1	17.7	---	---	---	10.4	10.1	10.2	14.8	13.6	14.0
MONTH	23.7	17.1	21.0	20.4	14.7	16.9	19.0	10.1	15.4	---	---	---

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

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	15.6	14.3	14.8	11.9	11.1	11.4	20.5	19.8	20.1	24.6	23.9	24.2
2	15.3	14.8	15.1	11.9	11.2	11.5	20.7	19.8	20.2	25.4	24.1	24.6
3	---	---	---	13.0	11.2	12.2	21.1	20.2	20.7	25.9	24.8	25.2
4	---	---	---	13.0	11.8	12.5	21.1	20.1	20.6	25.8	25.0	25.3
5	---	---	---	11.9	11.3	11.7	20.2	19.5	19.8	25.2	24.3	24.6
6	---	---	---	11.9	10.9	11.4	19.9	19.1	19.4	24.6	23.7	24.2
7	---	---	---	12.4	11.4	11.8	19.4	18.6	19.0	25.0	24.0	24.4
8	---	---	---	13.1	12.1	12.5	18.9	18.3	18.6	25.9	24.3	24.9
9	---	---	---	14.1	13.0	13.6	19.4	18.4	18.9	26.7	24.9	25.8
10	---	---	---	15.0	14.1	14.5	19.2	18.8	19.1	27.4	25.6	26.5
11	---	---	---	15.2	13.9	14.6	20.3	18.7	19.3	27.8	26.0	26.7
12	---	---	---	15.2	14.7	14.9	20.7	19.3	19.9	27.7	26.2	26.9
13	---	---	---	16.0	15.0	15.4	20.7	19.5	20.1	27.7	26.4	27.0
14	---	---	---	16.5	15.5	15.9	21.2	20.0	20.6	27.4	25.9	26.5
15	---	---	---	17.1	16.0	16.4	21.7	20.6	21.1	26.4	25.5	25.9
16	---	---	---	18.1	16.7	17.3	22.9	21.4	22.0	26.3	25.4	25.7
17	---	---	---	18.4	17.7	18.0	24.0	22.4	23.0	26.3	25.4	25.7
18	---	---	---	18.6	17.9	18.2	24.9	23.2	23.9	26.0	25.4	25.8
19	---	---	---	18.4	18.0	18.2	25.7	24.0	24.6	25.4	23.9	24.6
20	---	---	---	18.7	18.0	18.3	26.0	24.4	25.2	23.9	22.9	23.4
21	---	---	---	18.6	18.0	18.3	27.6	25.0	26.0	23.4	22.6	23.0
22	---	---	---	18.0	17.3	17.6	27.3	25.6	26.3	23.1	22.3	22.6
23	---	---	---	17.4	16.4	16.9	26.4	25.2	25.8	22.8	22.0	22.3
24	---	---	---	16.8	16.0	16.5	26.4	24.9	25.6	23.3	22.0	22.6
25	---	---	---	16.8	15.9	16.4	25.7	24.6	25.2	24.0	22.6	23.2
26	---	---	---	16.9	16.0	16.5	25.1	24.1	24.6	24.3	23.4	23.8
27	12.8	12.2	12.5	17.6	16.8	17.2	24.8	23.8	24.3	25.4	24.0	24.4
28	12.2	11.4	11.8	17.9	17.3	17.5	24.7	23.8	24.2	25.8	24.5	25.1
29	---	---	---	18.6	17.4	17.8	25.0	24.1	24.5	25.8	24.9	25.5
30	---	---	---	19.0	18.4	18.7	24.7	24.1	24.4	26.3	25.2	25.6
31	---	---	---	19.9	19.0	19.4	---	---	---	27.2	25.4	26.1
MONTH	---	---	---	19.9	10.9	15.6	27.6	18.3	22.2	27.8	22.0	24.9
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	28.1	26.0	26.8	31.1	29.3	30.1	32.5	31.3	32.0	24.5	24.2	24.3
2	29.5	26.7	27.6	31.3	29.7	30.3	32.2	31.5	31.8	24.5	24.0	24.3
3	30.3	27.6	28.8	31.2	29.7	30.4	32.0	31.1	31.5	25.0	24.2	24.6
4	30.3	28.5	29.4	31.3	29.9	30.6	31.7	30.7	31.0	25.7	24.8	25.2
5	30.0	28.7	29.3	32.0	30.2	30.9	30.8	30.1	30.5	26.2	25.4	25.7
6	30.0	28.6	29.3	31.9	30.6	31.2	30.8	30.0	30.5	26.6	25.6	26.1
7	30.0	28.7	29.2	31.6	30.7	31.1	30.9	29.8	30.3	26.6	25.8	26.2
8	29.4	28.2	28.7	31.1	30.1	30.5	30.1	29.2	29.6	26.5	25.5	26.3
9	28.4	27.8	28.1	30.7	29.8	30.4	29.4	28.3	29.0	26.5	25.4	26.1
10	28.2	27.4	27.9	30.9	29.9	30.5	29.0	28.0	28.6	26.5	25.6	26.2
11	28.3	27.3	27.8	31.0	29.9	30.4	29.3	27.8	28.6	26.9	25.8	26.5
12	29.0	27.7	28.2	30.4	29.5	29.9	29.5	28.1	28.7	26.9	26.3	26.6
13	29.6	28.2	28.8	29.6	29.0	29.2	29.8	28.6	29.0	26.7	26.2	26.5
14	30.2	28.6	29.4	29.6	29.0	29.2	29.7	28.7	29.1	26.6	26.2	26.4
15	30.5	29.0	29.7	30.5	29.2	29.6	30.1	28.8	29.3	26.7	25.7	26.2
16	30.3	29.4	29.8	31.6	29.5	30.2	30.1	29.1	29.5	26.9	25.9	26.4
17	30.0	29.3	29.6	32.2	30.1	30.9	30.2	28.9	29.4	27.1	26.4	26.7
18	29.6	27.7	28.8	32.2	30.6	31.4	31.0	29.0	29.7	27.5	26.6	26.9
19	28.5	27.4	28.0	---	---	---	31.7	29.8	30.5	26.6	26.0	26.4
20	28.5	27.5	27.8	---	---	---	31.7	30.4	31.1	26.5	25.0	26.1
21	28.0	27.1	27.4	---	---	---	32.0	30.6	31.3	26.5	24.8	26.0
22	27.6	27.0	27.3	---	---	---	32.5	30.9	31.6	26.5	25.0	26.0
23	27.5	26.7	27.2	---	---	---	32.5	31.1	31.8	26.4	25.5	26.1
24	27.9	27.1	27.5	---	---	---	32.9	31.3	32.0	26.1	25.4	25.7
25	28.8	27.4	27.9	30.5	29.3	29.9	32.9	31.5	32.1	25.5	24.8	25.1
26	28.9	27.9	28.3	31.4	30.0	30.4	32.1	31.2	31.7	25.0	24.5	24.7
27	29.1	27.9	28.4	31.6	30.2	30.8	31.3	30.7	31.1	25.4	24.8	25.0
28	29.5	28.3	28.8	32.2	30.7	31.2	30.7	25.8	28.4	25.8	25.3	25.6
29	30.4	28.6	29.2	32.7	31.0	31.6	27.8	25.3	27.1	25.9	25.6	25.8
30	30.8	28.9	29.7	33.3	31.4	32.1	27.8	25.5	26.4	26.0	25.6	25.8
31	---	---	---	33.4	31.9	32.5	25.6	24.5	25.1	---	---	---
MONTH	30.8	26.0	28.5	---	---	---	32.9	24.5	29.9	27.5	24.0	25.9

## WACCAMAW RIVER BASIN

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

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	4.2	3.9	4.1	6.9	5.9	6.5	6.7	6.4	6.5	10.0	9.1	9.6
2	4.2	3.7	4.0	6.8	5.7	6.4	6.6	6.3	6.4	10.3	9.3	9.8
3	4.2	3.8	4.0	6.5	5.8	6.3	6.7	6.3	6.5	10.7	9.9	10.4
4	4.4	3.8	4.1	6.6	5.8	6.2	6.8	6.3	6.5	10.9	10.1	10.5
5	4.3	3.9	4.1	6.5	5.8	6.2	6.8	6.3	6.5	11.2	10.2	10.8
6	4.5	3.8	4.1	6.7	5.7	6.3	6.6	6.2	6.4	11.1	10.4	10.8
7	5.0	4.0	4.4	6.7	5.8	6.4	6.7	6.2	6.4	10.8	10.5	10.6
8	5.4	4.4	4.9	6.9	5.8	6.4	6.8	6.2	6.4	10.8	10.6	10.7
9	5.8	4.4	5.1	7.0	6.0	6.4	6.7	6.2	6.5	10.9	10.7	10.8
10	5.9	4.6	5.2	7.0	6.0	6.6	7.1	6.4	6.7	10.8	10.7	10.8
11	5.6	4.6	5.1	6.9	5.9	6.5	7.1	6.6	6.9	---	---	---
12	5.5	4.8	5.1	7.2	6.2	6.8	6.8	6.3	6.5	---	---	---
13	5.5	4.8	5.2	7.4	6.4	7.0	6.7	6.2	6.4	10.8	10.2	10.4
14	5.7	5.1	5.4	7.6	6.7	7.1	6.7	6.2	6.4	10.8	10.2	10.5
15	5.5	5.0	5.2	7.5	6.6	7.1	6.5	6.2	6.3	10.7	10.2	10.4
16	5.5	5.0	5.3	7.5	6.8	7.2	6.7	6.3	6.4	10.8	10.3	10.6
17	5.6	5.0	5.3	7.6	6.8	7.1	6.9	6.3	6.6	10.7	10.3	10.5
18	5.9	5.2	5.5	7.5	6.6	7.1	7.0	6.4	6.6	10.7	10.4	10.6
19	6.3	5.3	5.8	7.4	6.7	7.1	7.0	6.5	6.7	10.6	10.3	10.4
20	6.3	5.5	5.9	7.5	6.5	7.1	7.0	6.6	6.7	10.5	10.3	10.4
21	6.0	5.3	5.7	8.1	7.0	7.4	7.4	6.7	7.0	10.5	10.2	10.3
22	5.9	5.5	5.7	8.0	7.2	7.6	7.9	7.0	7.3	10.3	10.1	10.2
23	6.0	5.5	5.8	7.7	7.2	7.4	8.1	7.2	7.6	10.3	9.9	10.1
24	6.0	5.5	5.8	7.7	7.1	7.3	7.9	7.3	7.6	9.9	9.6	9.8
25	5.8	4.8	5.4	7.3	6.9	7.1	8.5	7.5	7.8	9.7	9.4	9.5
26	5.8	4.7	5.2	7.1	6.7	6.9	8.6	7.8	8.3	9.6	9.4	9.5
27	6.4	5.3	5.7	6.9	6.6	6.8	8.9	8.0	8.4	9.6	9.2	9.4
28	6.8	5.5	6.0	6.9	6.6	6.8	9.4	8.3	8.8	9.3	9.0	9.2
29	7.0	5.8	6.4	6.9	6.6	6.7	9.5	8.5	9.0	9.1	8.8	9.0
30	7.0	6.0	6.6	6.8	6.5	6.7	9.7	8.7	9.2	8.9	8.7	8.8
31	7.0	5.7	6.4	---	---	---	9.9	9.0	9.5	8.7	8.5	8.6
MONTH	7.0	3.7	5.2	8.1	5.7	6.8	9.9	6.2	7.1	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	8.5	8.4	8.5	9.8	9.4	9.6	5.9	5.4	5.6	5.7	4.6	5.1
2	8.4	8.2	8.3	9.8	9.6	9.7	5.8	5.2	5.5	5.4	4.5	4.9
3	---	---	---	9.6	8.8	9.3	5.5	5.1	5.4	5.2	4.3	4.6
4	---	---	---	9.6	8.5	9.2	5.6	5.3	5.4	5.8	4.5	5.1
5	---	---	---	9.7	8.9	9.4	5.7	5.3	5.5	5.8	4.8	5.3
6	---	---	---	9.8	9.4	9.7	5.6	5.4	5.5	6.0	4.8	5.3
7	---	---	---	9.5	9.3	9.4	5.8	5.4	5.5	5.9	4.7	5.2
8	---	---	---	9.4	8.8	9.2	6.0	5.4	5.8	5.7	4.7	5.0
9	---	---	---	9.2	8.9	9.1	6.3	5.7	6.0	5.5	4.6	4.9
10	---	---	---	9.4	8.9	9.2	6.4	6.0	6.2	5.6	4.7	5.0
11	---	---	---	9.4	8.9	9.1	6.5	6.1	6.2	5.4	4.7	5.0
12	---	---	---	8.9	8.4	8.7	6.5	6.0	6.2	5.4	4.6	5.0
13	---	---	---	8.6	8.1	8.3	6.3	6.0	6.1	5.2	4.5	4.8
14	---	---	---	8.2	7.7	7.9	6.3	5.6	6.1	5.2	4.5	4.8
15	---	---	---	7.8	7.4	7.6	6.2	5.6	6.0	5.3	4.5	4.9
16	---	---	---	7.4	6.9	7.2	6.0	5.3	5.8	5.3	4.5	4.9
17	---	---	---	7.0	6.5	6.8	5.8	5.3	5.6	5.4	4.6	5.0
18	---	---	---	6.6	6.1	6.4	5.7	5.2	5.4	5.6	5.0	5.3
19	---	---	---	6.2	6.0	6.1	5.7	4.7	5.1	6.2	5.1	5.6
20	---	---	---	6.0	5.9	6.0	5.3	4.6	4.8	6.3	5.3	6.0
21	---	---	---	6.1	5.8	6.0	5.2	4.5	4.8	6.4	5.9	6.2
22	---	---	---	6.3	5.8	6.1	5.1	4.6	4.8	6.6	5.8	6.2
23	---	---	---	6.3	6.1	6.2	5.4	4.5	4.8	6.6	5.9	6.3
24	---	---	---	6.5	6.2	6.3	5.4	4.6	5.0	6.5	6.0	6.2
25	---	---	---	6.8	6.4	6.6	5.4	4.6	5.0	6.3	5.9	6.1
26	---	---	---	7.0	6.6	6.8	5.2	4.4	4.7	6.5	5.9	6.2
27	9.5	9.1	9.3	6.9	6.4	6.8	5.3	4.3	4.8	6.6	6.0	6.3
28	9.7	9.3	9.5	6.8	6.3	6.5	5.3	4.3	4.7	6.5	5.9	6.2
29	---	---	---	6.5	6.0	6.3	5.1	4.2	4.6	6.2	5.8	6.1
30	---	---	---	6.2	5.9	6.1	5.4	4.5	4.9	6.0	5.3	5.7
31	---	---	---	6.0	4.9	5.7	---	---	---	5.7	5.0	5.4
MONTH	---	---	---	9.8	4.9	7.7	6.5	4.2	5.4	6.6	4.3	5.4

## WACCAMAW RIVER BASIN

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

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	5.5	5.0	5.3	5.5	4.8	5.1	4.6	4.1	4.4	4.8	4.5	4.7
2	5.7	5.1	5.4	5.3	4.8	5.0	4.5	4.0	4.2	4.5	4.1	4.2
3	5.7	4.8	5.4	5.3	4.8	5.0	4.6	4.0	4.2	4.1	3.5	3.8
4	5.5	4.6	5.2	5.4	4.8	5.0	4.6	4.0	4.3	3.6	3.3	3.5
5	5.4	4.8	5.1	5.1	4.7	4.9	4.6	3.9	4.3	3.3	3.1	3.2
6	5.4	4.9	5.1	5.2	4.6	4.9	4.5	4.0	4.3	3.3	2.7	3.1
7	5.4	4.7	5.0	5.2	4.8	5.0	4.5	3.8	4.3	3.3	2.5	3.0
8	5.5	4.4	5.0	5.2	4.7	4.9	4.8	4.0	4.4	3.2	2.2	3.0
9	5.5	4.7	5.1	5.2	4.8	5.0	5.0	4.0	4.5	3.2	2.2	2.9
10	5.5	4.6	5.0	5.2	4.8	5.0	5.0	4.0	4.5	3.2	2.3	2.9
11	5.4	4.4	5.0	5.2	4.9	5.0	5.2	4.1	4.6	3.2	2.2	2.9
12	5.4	4.4	4.9	5.4	5.0	5.2	5.2	3.9	4.6	3.0	2.6	2.8
13	5.3	4.3	4.8	5.3	5.0	5.2	5.6	4.2	5.0	2.9	2.3	2.7
14	5.4	4.2	4.8	5.3	4.8	5.0	5.6	4.5	5.1	3.2	2.5	2.8
15	5.1	4.2	4.6	5.1	4.7	4.9	5.4	4.6	5.0	3.1	2.2	2.7
16	5.0	4.0	4.5	5.1	4.6	4.8	5.8	4.6	5.1	3.0	2.3	2.7
17	5.0	4.0	4.4	5.0	4.5	4.7	5.8	4.5	5.1	3.2	2.5	2.8
18	5.2	4.0	4.4	4.9	4.5	4.7	5.6	4.4	4.9	3.2	2.7	2.9
19	4.8	3.9	4.3	---	---	---	---	---	---	3.2	2.6	3.0
20	4.7	3.8	4.2	---	---	---	---	---	---	3.5	2.4	3.0
21	5.0	4.0	4.5	---	---	---	---	---	---	3.8	2.7	3.4
22	5.2	4.1	4.7	---	---	---	---	---	---	3.8	3.1	3.6
23	5.3	4.0	4.8	---	---	---	---	---	---	3.9	3.2	3.6
24	5.3	4.4	5.0	---	---	---	---	---	---	4.0	3.4	3.8
25	5.4	4.8	5.1	4.9	4.4	4.6	---	---	---	4.0	3.3	3.8
26	5.6	4.9	5.2	4.9	4.4	4.6	---	---	---	3.9	3.5	3.7
27	5.5	4.8	5.1	4.9	4.4	4.7	---	---	---	3.9	3.6	3.8
28	5.4	4.8	5.0	5.0	4.5	4.7	---	---	---	3.8	3.4	3.6
29	5.4	4.7	5.0	4.9	4.6	4.7	---	---	---	3.4	3.3	3.4
30	5.5	4.8	5.1	4.9	4.4	4.7	5.4	4.6	5.1	3.4	2.8	3.2
31	---	---	---	5.1	4.4	4.6	5.0	4.8	4.9	---	---	---
MONTH	5.7	3.8	4.9	---	---	---	---	---	---	4.8	2.2	3.3



## LITTLE 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, 15.76 ft, Sep. 29, 1999; minimum gage height, 8.34 ft, Jan. 21, 2001.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 13.03 ft, Mar. 30; minimum gage height, 8.39 ft, Jan. 10.

## GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	12.76	11.01	12.06	12.41	10.00	11.34	---	---	---	12.11	9.14	10.76
2	12.79	11.24	12.18	12.41	9.96	11.29	---	---	---	12.07	9.03	10.70
3	12.74	10.98	12.10	12.36	9.74	11.16	12.48	9.80	11.33	12.48	9.88	11.37
4	12.59	10.35	11.65	12.28	9.54	11.09	---	---	---	11.96	9.00	10.67
5	12.39	9.98	11.37	12.41	9.83	11.35	12.29	9.66	11.17	12.05	9.48	11.04
6	12.37	9.92	11.27	12.56	10.31	11.61	---	---	---	12.29	9.45	11.06
7	12.43	9.70	11.23	12.35	9.96	11.32	---	---	---	11.59	8.90	10.30
8	12.42	9.99	11.43	12.20	9.53	11.07	---	---	---	11.51	8.65	10.25
9	12.48	10.35	11.66	12.21	9.58	11.06	12.20	9.80	11.17	11.71	8.80	10.24
10	12.46	10.12	11.52	12.27	9.84	11.22	12.53	9.93	11.64	11.42	8.39	9.97
11	12.41	10.00	11.45	12.23	9.76	11.18	12.64	10.52	11.80	11.60	8.53	10.04
12	12.44	9.92	11.38	12.46	9.82	11.44	12.37	9.74	11.26	11.90	8.56	10.40
13	12.60	10.19	11.56	12.59	10.31	11.67	---	---	---	11.77	9.06	10.40
14	12.72	10.68	11.90	12.57	10.17	11.56	---	---	---	12.02	8.90	10.58
15	12.69	10.48	11.76	12.57	10.00	11.55	11.92	9.25	10.66	11.91	9.07	10.56
16	12.80	10.78	12.05	12.60	10.14	11.61	12.05	9.31	10.85	11.88	8.92	10.49
17	12.63	10.44	11.74	12.50	10.01	11.42	12.16	9.60	11.08	11.83	9.23	10.58
18	12.62	10.09	11.63	12.48	9.84	11.34	11.89	9.09	10.53	11.67	9.10	10.41
19	12.66	10.33	11.75	12.44	10.12	11.45	12.06	9.41	10.86	11.95	9.43	10.76
20	12.51	10.20	11.57	12.22	9.80	11.15	11.58	8.98	10.43	11.52	8.70	10.32
21	12.46	9.94	11.41	12.46	10.36	11.51	11.70	9.35	10.58	11.99	9.35	10.92
22	12.43	9.95	11.44	12.25	10.09	11.32	11.91	9.44	10.84	11.76	9.35	10.66
23	12.50	10.31	11.61	12.07	9.92	11.08	11.97	9.74	11.06	12.03	9.36	10.88
24	12.45	10.35	11.60	12.12	10.00	11.17	11.89	9.55	10.81	12.01	9.12	10.75
25	12.23	10.06	11.35	12.00	9.81	11.04	12.00	9.34	10.95	11.99	9.22	10.69
26	12.08	9.61	10.96	11.89	9.55	10.83	12.21	9.89	11.21	12.41	9.64	11.28
27	12.20	9.75	11.04	11.96	9.48	10.84	11.81	9.27	10.62	12.48	9.74	11.27
28	12.23	9.91	11.14	12.08	9.52	10.91	11.93	9.14	10.71	12.42	9.53	11.13
29	12.27	10.12	11.36	---	---	---	11.94	9.17	10.64	12.42	9.32	11.03
30	12.28	10.01	11.29	---	---	---	12.02	8.94	10.63	12.42	9.40	11.09
31	12.32	10.01	11.31	---	---	---	12.19	9.19	10.81	12.48	9.58	11.21
MONTH	12.80	9.61	11.54	---	---	---	---	---	---	12.48	8.39	10.70

## LITTLE RIVER BASIN

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

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	12.39	9.59	11.18	12.11	9.35	10.85	12.85	10.11	11.76	12.41	9.68	11.19
2	12.19	9.31	11.04	12.38	9.72	11.39	12.68	10.41	11.77	12.29	9.40	11.06
3	12.56	10.12	11.66	12.66	9.69	11.47	12.67	10.06	11.71	11.91	9.37	10.63
4	12.51	9.15	11.28	12.31	8.96	10.80	12.35	10.19	11.48	12.23	9.47	11.31
5	12.15	8.84	10.85	11.88	9.20	10.68	12.68	10.39	11.96	12.20	9.77	11.15
6	12.33	9.67	11.25	12.05	9.24	10.73	12.67	10.71	11.85	12.13	9.86	11.15
7	12.74	10.06	11.55	11.95	9.08	10.69	12.56	10.42	11.68	12.07	9.66	11.00
8	12.24	9.45	11.11	12.01	9.24	10.82	12.40	10.05	11.42	11.86	9.34	10.70
9	12.42	9.78	11.26	12.19	9.48	10.96	12.21	9.73	11.08	11.95	9.39	10.72
10	12.56	9.82	11.42	12.07	9.34	10.78	11.92	9.23	10.67	11.88	9.18	10.63
11	12.25	9.59	11.05	12.15	9.24	10.96	12.36	9.43	11.04	12.22	9.38	10.76
12	12.48	9.62	11.27	12.32	9.87	11.25	12.35	9.95	11.31	12.21	9.60	11.08
13	12.44	9.93	11.30	12.33	9.83	11.15	12.45	9.90	11.27	12.21	9.30	10.86
14	12.40	9.71	11.30	11.97	9.19	10.69	12.45	9.87	11.31	12.21	9.16	10.60
15	12.47	10.29	11.58	12.12	9.58	11.00	12.40	9.59	11.11	12.12	9.56	10.92
16	12.31	9.95	11.28	12.07	9.49	10.86	12.26	9.50	10.99	12.23	9.36	10.89
17	12.08	9.30	10.78	11.92	9.36	10.78	12.22	9.49	10.97	12.07	9.39	10.74
18	11.99	9.38	10.80	12.23	9.56	11.08	12.19	9.52	10.95	12.14	9.06	10.75
19	12.13	9.64	11.04	12.10	9.75	11.16	12.15	9.73	11.02	12.02	9.50	11.07
20	12.10	9.75	11.12	12.55	10.22	11.70	12.27	9.57	11.07	12.50	10.04	11.72
21	12.16	9.24	10.77	12.38	10.21	11.46	12.31	9.57	11.35	12.59	10.62	11.83
22	11.98	9.08	10.75	12.55	10.10	11.54	12.28	9.82	11.18	12.68	10.61	11.85
23	12.17	9.30	11.07	12.45	10.03	11.50	12.47	9.42	11.21	12.66	10.63	11.96
24	12.49	9.77	11.45	12.37	9.91	11.30	12.55	10.19	11.57	12.43	9.79	11.50
25	12.50	10.00	11.46	12.36	9.67	11.20	12.59	10.36	11.70	12.34	9.39	11.08
26	12.47	9.72	11.36	12.43	9.63	11.26	12.67	9.91	11.47	12.46	9.51	11.09
27	12.20	9.16	10.90	12.57	9.94	11.44	12.69	10.32	11.78	12.56	9.98	11.39
28	12.04	8.83	10.63	12.89	10.39	11.92	12.69	9.87	11.54	12.60	10.38	11.68
29	---	---	---	13.03	11.26	12.28	12.46	9.12	10.92	12.75	10.63	11.95
30	---	---	---	13.03	11.24	12.34	12.23	9.78	11.13	12.70	10.31	11.76
31	---	---	---	12.91	10.93	12.15	---	---	---	12.56	10.33	11.64
MONTH	12.74	8.83	11.16	13.03	8.96	11.23	12.85	9.12	11.34	12.75	9.06	11.18
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	12.48	10.30	11.55	11.97	9.60	10.91	12.41	10.26	11.53	12.76	11.09	12.19
2	12.37	10.12	11.42	11.90	9.55	10.91	12.50	10.43	11.72	12.91	11.03	12.18
3	12.47	10.30	11.65	11.91	9.39	10.83	12.62	10.64	11.86	12.93	11.43	12.39
4	12.54	10.67	11.85	12.10	9.58	10.97	12.70	10.80	11.97	12.82	10.79	12.15
5	12.43	10.31	11.61	12.11	9.47	10.95	12.77	10.67	11.94	12.70	10.27	11.83
6	12.32	9.99	11.36	12.40	9.86	11.18	12.83	10.86	12.13	12.80	10.70	11.92
7	12.33	9.74	11.18	12.39	10.11	11.43	12.98	11.37	12.33	12.79	10.81	12.06
8	12.63	10.46	11.65	12.22	9.51	11.07	12.97	11.23	12.33	12.79	10.90	12.06
9	12.68	10.57	11.86	12.12	9.17	10.79	12.95	11.00	12.24	12.78	10.71	11.98
10	12.59	10.22	11.74	12.07	8.83	10.47	12.84	10.70	12.02	12.82	10.90	12.11
11	12.55	9.91	11.46	12.18	8.95	10.34	12.72	10.50	11.82	12.72	10.71	12.00
12	12.49	9.89	11.35	12.51	10.36	11.58	12.61	10.38	11.66	12.80	10.74	12.07
13	12.50	9.83	11.31	12.67	10.25	11.73	12.46	10.09	11.49	12.63	10.67	11.93
14	12.44	10.14	11.43	12.55	9.71	11.40	12.43	10.00	11.50	12.43	9.95	11.46
15	12.53	10.54	11.70	12.18	9.64	11.12	12.31	9.78	11.35	12.27	9.76	11.23
16	12.67	10.78	11.90	12.23	9.70	11.25	12.17	9.48	11.05	12.08	9.60	11.03
17	12.63	10.63	11.89	12.25	9.68	11.25	12.07	9.05	10.87	12.33	9.61	11.03
18	12.51	10.47	11.72	12.38	9.75	11.34	12.07	9.16	10.73	12.49	10.15	11.45
19	12.50	10.12	11.63	12.28	9.39	11.20	12.21	9.34	10.80	12.57	10.44	11.70
20	12.47	10.26	11.62	12.42	9.33	11.01	12.23	9.57	11.02	12.57	10.62	11.80
21	12.53	10.02	11.48	12.44	9.62	11.25	12.26	9.58	11.02	12.58	10.69	11.85
22	12.59	10.37	11.69	12.48	9.76	11.29	12.32	9.80	11.17	12.60	10.81	11.90
23	12.42	9.66	11.30	12.33	9.54	11.19	12.31	9.61	11.06	12.59	10.78	11.87
24	12.30	9.37	10.99	12.27	9.42	10.94	12.19	9.75	11.03	12.58	10.67	11.84
25	12.30	9.43	10.96	12.14	9.25	10.73	12.26	10.03	11.24	12.70	11.01	12.09
26	12.23	9.26	10.81	12.02	9.44	10.77	12.40	10.29	11.47	12.79	11.27	12.24
27	12.07	9.16	10.61	12.17	9.63	10.94	12.27	10.08	11.33	12.80	11.26	12.21
28	11.88	8.92	10.36	12.10	9.70	10.90	12.52	10.83	11.78	12.67	10.66	11.93
29	11.61	9.02	10.33	12.00	9.58	10.86	12.48	10.38	11.62	12.68	10.82	12.01
30	11.68	9.23	10.58	11.95	9.60	10.93	12.64	10.78	11.96	12.76	11.06	12.15
31	---	---	---	12.16	9.80	11.20	12.83	10.78	12.09	---	---	---
MONTH	12.68	8.92	11.37	12.67	8.83	11.06	12.98	9.05	11.55	12.93	9.60	11.89

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

## WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1986-92, October 2001 to September 2002 .

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 September 2002.

DISSOLVED OXYGEN: February 1986 to November 1992, October 2001 to September 2002.

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

REMARKS.--Temperature records rated excellent. Dissolved oxygen records rated fair except for Mar. 8 to Apr. 9, May 21 to June 21, and July 20 to Aug. 18, which are excellent, and Oct. 10 to Nov. 14, Dec. 20 to Jan. 7, Jan. 26 to Feb. 5, July 18 to July 20, Aug. 18 to Aug. 29, and Sep. 20 to Sep. 22, 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, 32.0°C, July 31; minimum, 7.1°C, Jan. 9.

DISSOLVED OXYGEN: Maximum, 9.7 mg/L, Jan. 24, Mar. 2; minimum, 2.3 mg/L, Sep. 5-7, 11.

## TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	21.8	21.3	21.5	18.1	17.3	17.7	18.2	17.9	18.1	10.6	10.1	10.3
2	21.6	20.8	21.2	18.4	17.7	18.1	18.6	18.1	18.3	10.1	9.1	9.6
3	21.8	20.8	21.2	18.9	18.0	18.4	18.2	17.8	18.0	9.1	8.4	8.8
4	21.6	20.9	21.3	18.9	18.3	18.6	17.9	17.5	17.7	8.5	7.9	8.2
5	21.8	21.1	21.5	18.5	17.9	18.2	17.8	17.3	17.5	8.0	7.5	7.8
6	22.1	21.5	21.7	17.9	17.3	17.6	17.7	17.1	17.4	8.2	7.5	7.8
7	21.7	21.1	21.4	17.4	16.8	17.1	17.9	17.1	17.5	8.0	7.5	7.8
8	21.2	20.6	20.9	17.2	16.5	16.8	---	---	---	8.0	7.3	7.6
9	20.7	19.9	20.3	17.2	16.5	16.8	18.1	17.7	17.9	7.8	7.1	7.5
10	20.6	19.9	20.2	17.1	16.4	16.8	17.7	17.2	17.3	8.6	7.4	7.8
11	21.0	20.1	20.5	17.2	16.4	16.7	17.3	17.0	17.1	8.8	8.0	8.3
12	21.5	20.4	20.8	16.7	16.2	16.4	17.0	16.8	16.9	8.8	8.1	8.5
13	21.3	20.6	20.9	16.2	15.7	15.9	17.3	16.8	17.1	9.3	8.5	8.8
14	21.6	21.0	21.3	16.0	15.7	15.8	---	---	---	8.9	8.6	8.8
15	21.6	21.1	21.4	15.9	15.7	15.8	---	---	---	9.3	8.7	9.0
16	21.7	21.0	21.4	16.0	15.6	15.8	---	---	---	9.2	8.7	9.0
17	21.4	20.4	20.8	16.1	15.6	15.9	---	---	---	9.5	8.9	9.1
18	20.4	19.8	20.0	15.9	15.6	15.8	---	---	---	9.7	9.2	9.4
19	20.0	19.3	19.7	16.1	15.5	15.8	---	---	---	10.4	9.4	9.8
20	20.4	19.5	19.9	16.1	15.7	15.9	---	---	---	10.5	10.1	10.3
21	20.9	19.9	20.4	15.8	15.3	15.5	---	---	---	10.6	10.2	10.4
22	21.0	20.3	20.6	15.4	14.8	15.1	---	---	---	10.8	10.2	10.4
23	21.4	20.4	20.8	15.4	15.0	15.2	---	---	---	11.2	10.3	10.7
24	22.0	20.9	21.4	16.3	15.4	15.7	---	---	---	12.2	10.9	11.4
25	22.6	21.6	21.9	16.4	15.9	16.2	---	---	---	12.2	11.7	11.9
26	21.9	21.0	21.4	17.0	16.2	16.6	---	---	---	12.2	11.6	11.9
27	21.0	19.9	20.4	17.6	16.7	17.1	---	---	---	12.6	11.8	12.1
28	19.9	18.8	19.3	17.6	17.0	17.3	---	---	---	12.9	12.2	12.4
29	18.8	18.1	18.4	17.8	17.3	17.5	---	---	---	13.2	12.3	12.8
30	18.4	17.6	17.9	18.0	17.5	17.8	---	---	---	13.8	13.0	13.4
31	17.6	17.3	17.5	---	---	---	---	---	---	14.5	13.6	14.0
MONTH	22.6	17.3	20.6	18.9	14.8	16.7	---	---	---	14.5	7.1	9.9

LITTLE RIVER BASIN

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

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	15.4	14.2	14.7	12.1	11.5	11.8	21.2	20.0	20.4	24.0	23.3	23.6
2	15.2	14.6	14.9	12.3	11.7	11.9	21.3	20.2	20.6	24.8	23.5	24.0
3	14.6	14.2	14.4	13.2	12.2	12.7	21.9	20.6	21.1	25.4	24.1	24.6
4	14.2	12.9	13.7	13.0	12.4	12.8	21.3	20.3	20.7	24.7	24.0	24.3
5	12.9	12.1	12.4	12.7	11.9	12.3	20.4	19.7	20.0	24.4	23.6	24.0
6	12.2	11.7	12.0	13.5	11.8	12.3	20.0	18.8	19.3	25.0	23.4	24.0
7	12.0	11.5	11.8	14.2	12.1	12.8	19.0	18.0	18.5	24.8	23.8	24.2
8	11.9	11.3	11.5	14.0	12.7	13.3	---	---	---	25.6	24.1	24.7
9	12.3	11.1	11.6	15.5	13.6	14.1	---	---	---	26.2	24.7	25.3
10	12.6	11.8	12.1	16.8	14.5	15.1	---	---	---	27.1	25.3	25.9
11	13.4	12.4	12.8	15.8	14.5	15.0	---	---	---	26.0	25.5	25.8
12	13.1	12.4	12.8	15.4	14.8	15.1	---	---	---	26.6	25.4	26.0
13	12.9	12.5	12.7	16.2	15.3	15.6	---	---	---	27.1	25.8	26.3
14	12.8	12.2	12.5	16.6	15.8	16.1	---	---	---	26.4	25.4	25.9
15	12.5	12.1	12.3	17.3	16.2	16.7	---	---	---	26.2	25.1	25.4
16	12.5	11.9	12.2	18.0	16.9	17.4	---	---	---	25.7	24.6	25.1
17	12.5	11.8	12.1	17.9	17.7	17.8	---	---	---	25.8	24.8	25.3
18	12.3	11.6	11.9	18.4	17.8	18.0	---	---	---	25.9	25.1	25.5
19	12.0	11.3	11.7	18.2	17.9	18.0	---	---	---	25.1	23.7	24.4
20	12.6	11.7	12.0	18.7	17.8	18.2	---	---	---	23.9	23.1	23.5
21	13.6	12.3	12.8	18.5	18.3	18.5	---	---	---	23.4	22.6	23.1
22	13.5	12.7	13.0	18.4	17.7	18.0	---	---	---	22.6	22.2	22.4
23	13.1	12.6	12.8	18.4	17.0	17.4	---	---	---	22.6	21.7	22.1
24	12.9	12.2	12.6	17.9	16.6	17.0	---	---	---	22.8	21.7	22.3
25	12.9	12.2	12.5	18.4	16.8	17.4	---	---	---	23.6	22.1	22.8
26	13.2	12.3	12.7	18.6	17.3	17.9	---	---	---	23.9	22.8	23.4
27	13.0	12.4	12.7	19.4	18.2	18.6	---	---	---	24.0	23.3	23.7
28	12.5	11.9	12.1	19.2	18.5	18.8	---	---	---	24.8	23.4	24.0
29	---	---	---	19.4	18.5	18.9	---	---	---	25.4	24.0	24.6
30	---	---	---	19.5	19.1	19.3	24.3	23.5	23.7	25.8	24.5	25.0
31	---	---	---	20.3	19.3	19.7	---	---	---	26.8	25.0	25.6
MONTH	15.4	11.1	12.6	20.3	11.5	16.1	---	---	---	27.1	21.7	24.4
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	26.8	25.5	26.1	29.3	28.2	28.7	31.6	30.8	31.1	25.3	24.8	25.0
2	27.6	26.1	26.8	29.8	28.5	29.0	31.4	30.6	31.0	25.6	25.1	25.3
3	28.2	26.9	27.5	30.2	28.7	29.4	31.0	30.4	30.7	26.3	25.3	25.7
4	28.1	27.3	27.7	30.3	29.1	29.6	30.6	30.0	30.2	26.8	25.6	26.0
5	28.7	27.6	28.1	30.6	29.3	29.9	30.4	29.6	29.9	27.1	25.9	26.3
6	29.1	27.8	28.4	30.7	29.8	30.2	30.2	29.5	29.9	26.9	26.2	26.6
7	28.5	27.9	28.2	30.6	29.8	30.1	30.2	29.2	29.5	26.8	26.2	26.6
8	27.9	27.3	27.6	30.3	29.6	29.9	29.6	28.5	28.9	26.7	26.2	26.5
9	27.8	27.1	27.4	30.9	29.5	30.0	29.0	27.9	28.4	26.6	26.0	26.3
10	27.7	26.8	27.3	31.0	29.6	30.1	28.5	27.4	28.0	26.7	25.9	26.3
11	27.7	26.7	27.3	30.2	29.9	30.0	28.7	27.2	27.9	27.1	26.1	26.6
12	28.4	27.0	27.6	29.9	29.0	29.3	28.6	27.3	27.9	26.8	26.2	26.5
13	28.7	27.4	28.1	29.3	28.6	28.9	28.6	27.5	27.9	26.7	26.0	26.3
14	29.0	27.9	28.4	29.3	28.5	28.9	28.0	27.6	27.8	26.6	26.2	26.3
15	29.2	28.2	28.6	29.6	28.7	29.1	29.0	27.4	28.0	26.8	26.0	26.3
16	29.4	28.3	28.7	30.5	29.0	29.6	29.0	27.9	28.4	27.0	26.2	26.5
17	28.8	28.2	28.5	30.7	29.4	29.9	29.3	28.1	28.6	27.6	26.4	26.8
18	28.2	27.5	27.9	31.2	29.8	30.4	29.8	28.5	29.1	26.9	26.6	26.7
19	27.7	27.3	27.5	31.3	29.9	30.6	30.6	29.2	29.7	27.1	26.5	26.7
20	27.3	26.6	26.9	31.6	30.5	30.9	30.2	29.5	29.8	27.1	26.4	26.8
21	26.6	26.2	26.4	30.8	29.8	30.4	30.5	29.6	29.9	27.3	26.6	26.9
22	26.4	25.8	26.0	31.0	30.0	30.4	30.6	29.6	30.1	27.3	26.6	27.0
23	26.4	25.5	25.9	30.3	29.2	29.8	30.7	29.7	30.1	27.6	26.9	27.2
24	27.0	25.9	26.3	29.5	28.8	29.2	30.8	29.8	30.3	27.2	26.8	27.0
25	26.9	26.2	26.6	30.0	28.5	29.0	30.8	30.0	30.3	26.8	26.3	26.5
26	27.2	26.5	26.8	30.0	29.0	29.4	30.3	29.7	29.9	26.6	26.1	26.3
27	27.5	26.7	27.0	30.0	29.2	29.6	29.7	29.1	29.3	27.2	26.2	26.6
28	27.9	26.9	27.4	30.5	29.5	30.0	29.1	27.2	28.1	27.2	26.4	26.7
29	28.5	27.5	27.9	31.7	30.0	30.5	27.2	26.5	26.9	26.8	26.5	26.6
30	28.9	27.9	28.3	31.9	30.4	31.0	26.7	24.4	25.4	26.7	26.1	26.4
31	---	---	---	32.0	30.8	31.3	25.2	24.7	24.9	---	---	---
MONTH	29.4	25.5	27.4	32.0	28.2	29.8	31.6	24.4	29.0	27.6	24.8	26.4

## LITTLE RIVER BASIN

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

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	4.6	4.3	4.4	6.5	5.3	5.7	---	---	---	7.6	7.4	7.5
2	4.6	4.4	4.5	6.5	5.3	5.6	5.5	4.9	5.2	8.2	7.6	7.9
3	4.7	4.5	4.5	6.4	5.2	5.6	5.6	4.8	5.3	8.5	8.2	8.3
4	4.7	4.5	4.6	6.5	5.2	5.7	5.7	4.9	5.3	8.8	8.4	8.6
5	4.8	4.6	4.7	6.7	5.2	5.7	5.5	4.9	5.3	9.2	8.6	8.9
6	4.8	4.6	4.7	6.9	5.3	5.9	5.6	5.3	5.5	9.4	9.0	9.2
7	5.2	4.6	4.8	6.9	5.6	6.1	5.6	5.4	5.5	9.5	9.3	9.4
8	5.3	4.7	5.0	6.9	5.6	6.0	---	---	---	9.5	9.3	9.4
9	5.4	5.0	5.2	6.8	5.5	6.0	5.8	5.1	5.6	9.6	9.4	9.4
10	5.8	4.4	5.0	6.7	5.6	6.0	6.3	5.8	6.0	9.6	9.4	9.4
11	5.9	4.3	5.1	6.7	5.6	6.0	6.4	6.0	6.2	9.5	9.4	9.4
12	5.9	4.3	5.1	7.5	5.7	6.3	6.3	6.0	6.1	9.5	9.3	9.4
13	5.7	4.4	5.0	7.3	6.0	6.4	6.1	5.9	6.0	9.6	9.4	9.5
14	5.9	4.5	5.0	7.0	6.0	6.5	---	---	---	9.6	9.4	9.5
15	5.7	4.4	5.0	6.8	5.7	6.4	---	---	---	9.6	9.3	9.5
16	6.1	4.0	4.9	6.4	5.7	6.0	---	---	---	9.5	9.4	9.5
17	6.0	4.1	4.8	6.3	5.6	5.9	---	---	---	9.6	9.4	9.5
18	5.8	4.1	4.8	6.3	5.6	5.9	---	---	---	9.5	9.4	9.5
19	5.9	4.2	4.9	6.2	5.6	5.8	---	---	---	9.5	9.4	9.4
20	5.9	4.3	5.0	5.9	5.5	5.6	---	---	---	9.6	9.4	9.5
21	5.8	4.4	4.8	6.2	5.6	5.8	---	---	---	9.5	9.4	9.5
22	5.5	4.3	4.6	6.2	5.6	5.9	---	---	---	9.6	9.4	9.5
23	5.5	4.1	4.6	6.2	5.6	5.9	---	---	---	9.5	9.3	9.4
24	5.2	4.0	4.4	6.1	5.6	5.8	---	---	---	9.7	9.3	9.4
25	5.3	4.1	4.5	6.0	5.5	5.8	---	---	---	9.5	9.2	9.3
26	5.5	4.3	4.8	5.9	5.4	5.6	---	---	---	9.4	9.2	9.3
27	5.8	4.6	5.0	5.9	5.4	5.6	---	---	---	9.4	9.2	9.3
28	5.9	4.9	5.4	5.9	5.4	5.6	---	---	---	9.3	9.1	9.2
29	6.1	5.1	5.4	5.7	5.2	5.4	---	---	---	9.3	9.1	9.2
30	6.2	4.9	5.4	5.7	5.1	5.3	---	---	---	9.1	8.9	9.0
31	6.5	5.3	5.6	---	---	---	---	---	---	9.0	8.8	8.9
MONTH	6.5	4.0	4.9	7.5	5.1	5.9	---	---	---	9.7	7.4	9.2
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	8.9	8.5	8.7	9.6	9.3	9.4	5.7	5.2	5.5	4.9	4.6	4.7
2	8.8	8.5	8.6	9.7	9.3	9.4	5.3	4.9	5.1	4.8	4.4	4.6
3	8.6	8.4	8.5	9.5	9.0	9.2	5.1	4.8	4.9	5.0	4.6	4.8
4	8.7	8.3	8.5	9.2	8.8	9.0	5.1	4.8	4.9	5.0	4.8	4.9
5	8.8	8.5	8.6	9.3	8.9	9.1	5.2	4.8	5.0	5.1	4.8	4.9
6	8.8	8.5	8.7	9.4	8.8	9.1	5.8	5.2	5.4	5.2	4.9	5.0
7	8.8	8.3	8.6	9.2	8.7	8.9	6.1	5.6	5.8	5.1	4.9	5.0
8	8.8	8.3	8.4	9.1	8.7	8.9	---	---	---	5.1	4.8	5.0
9	8.8	8.3	8.6	8.8	8.6	8.7	---	---	---	5.2	4.8	5.0
10	9.0	8.5	8.7	9.1	8.5	8.7	---	---	---	5.3	4.8	5.0
11	8.9	8.4	8.7	8.9	8.5	8.6	---	---	---	5.2	4.9	5.0
12	9.0	8.4	8.7	8.6	8.3	8.5	---	---	---	5.3	5.0	5.1
13	8.9	8.4	8.7	8.4	8.1	8.2	---	---	---	5.4	5.1	5.2
14	9.0	8.5	8.7	8.2	7.9	8.1	---	---	---	5.6	5.2	5.4
15	9.1	8.7	8.9	7.9	7.7	7.8	---	---	---	5.5	5.3	5.4
16	9.1	8.6	8.9	7.8	7.3	7.6	---	---	---	5.6	5.3	5.4
17	9.1	8.6	8.9	7.4	7.2	7.3	---	---	---	5.7	5.4	5.5
18	9.2	8.8	8.9	7.2	6.7	6.9	---	---	---	5.9	5.5	5.7
19	9.1	8.7	8.9	6.8	6.5	6.7	---	---	---	---	---	---
20	9.1	8.8	8.9	6.7	6.3	6.5	---	---	---	---	---	---
21	9.2	8.8	8.9	6.4	6.1	6.2	---	---	---	6.2	5.9	6.0
22	9.0	8.5	8.8	6.4	5.9	6.1	---	---	---	6.3	5.9	6.1
23	9.0	8.5	8.7	6.3	5.8	6.0	---	---	---	6.3	6.0	6.1
24	8.9	8.6	8.7	6.4	6.0	6.1	---	---	---	6.4	6.0	6.2
25	9.0	8.6	8.8	6.4	6.0	6.2	---	---	---	6.3	6.0	6.2
26	9.0	8.7	8.8	6.3	6.0	6.1	---	---	---	---	---	---
27	9.5	8.8	9.1	6.1	5.8	5.9	---	---	---	---	---	---
28	9.5	9.2	9.3	5.9	5.7	5.8	---	---	---	---	---	---
29	---	---	---	5.8	5.5	5.7	---	---	---	---	---	---
30	---	---	---	5.7	5.5	5.6	5.0	4.7	4.8	5.8	5.4	5.5
31	---	---	---	5.8	5.5	5.6	---	---	---	5.5	5.1	5.3
MONTH	9.5	8.3	8.8	9.7	5.5	7.5	---	---	---	---	---	---

## LITTLE RIVER BASIN

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

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	5.3	4.9	5.0	5.5	5.0	5.2	4.9	4.0	4.4	3.8	2.8	3.3
2	5.1	4.7	4.9	5.5	4.9	5.2	4.5	3.8	4.1	4.0	2.9	3.4
3	5.0	4.6	4.8	5.6	5.0	5.2	4.7	3.8	4.2	3.8	3.1	3.4
4	4.8	4.3	4.6	5.5	4.9	5.2	4.7	4.0	4.2	3.5	2.8	3.1
5	4.7	4.4	4.6	5.5	5.0	5.2	4.8	4.0	4.3	3.2	2.3	2.8
6	4.8	4.3	4.5	5.4	5.0	5.2	4.7	3.8	4.1	3.3	2.3	2.8
7	4.7	4.3	4.4	5.5	4.9	5.2	4.9	3.6	4.1	3.3	2.3	2.8
8	5.0	4.5	4.7	5.5	5.0	5.2	4.9	3.7	4.3	3.3	2.6	2.9
9	5.0	4.4	4.7	5.6	5.0	5.2	5.1	3.6	4.3	3.4	2.5	2.8
10	4.9	4.4	4.6	5.5	4.9	5.1	5.1	4.0	4.6	3.7	2.5	3.0
11	4.9	4.5	4.7	5.4	5.0	5.2	5.3	4.3	4.8	3.4	2.3	2.8
12	4.9	4.5	4.7	5.4	4.8	5.1	5.2	4.3	4.7	3.8	2.4	3.0
13	4.8	4.3	4.6	5.2	4.7	4.9	5.2	4.2	4.5	3.6	2.6	3.0
14	4.9	4.3	4.5	5.1	4.7	5.0	4.7	3.8	4.2	3.5	2.6	3.0
15	4.6	4.2	4.4	5.4	4.9	5.1	4.7	3.7	4.0	3.5	2.7	3.1
16	4.7	4.2	4.4	5.7	4.9	5.2	4.2	3.5	3.9	3.5	2.7	3.1
17	4.4	4.1	4.3	5.7	4.9	5.2	4.2	3.6	3.9	3.6	2.9	3.1
18	4.2	3.9	4.0	6.2	4.9	5.4	4.9	3.8	4.1	3.1	2.7	2.9
19	4.6	3.9	4.2	5.8	5.0	5.3	4.9	3.5	4.3	3.2	2.6	2.9
20	4.7	4.1	4.4	5.7	4.8	5.2	4.7	3.5	4.0	3.5	2.9	3.1
21	4.7	4.2	4.4	5.3	4.7	5.1	4.3	3.2	3.7	3.8	2.8	3.3
22	4.8	4.2	4.5	4.8	4.3	4.6	4.1	2.9	3.4	3.8	3.2	3.5
23	4.8	4.4	4.6	5.0	4.3	4.6	3.8	2.8	3.3	3.7	3.4	3.5
24	4.9	4.5	4.7	4.7	4.0	4.3	4.2	2.7	3.4	3.7	3.3	3.5
25	4.8	4.4	4.6	4.6	3.9	4.2	4.8	3.0	3.7	4.0	3.3	3.7
26	4.9	4.5	4.7	4.5	3.7	4.2	4.6	2.8	3.4	4.4	3.9	4.1
27	4.8	4.5	4.7	4.8	3.9	4.4	3.8	2.9	3.3	4.3	3.8	3.9
28	5.0	4.6	4.8	5.1	4.2	4.6	4.4	2.8	3.7	3.9	3.7	3.8
29	5.4	4.7	5.0	5.8	4.4	4.8	4.1	3.0	3.6	3.8	2.9	3.3
30	5.4	4.9	5.1	5.4	4.3	4.8	4.6	3.4	3.8	3.8	2.9	3.1
31	---	---	---	5.1	4.2	4.6	4.1	3.1	3.4	---	---	---
MONTH	5.4	3.9	4.6	6.2	3.7	5.0	5.3	2.7	4.0	4.4	2.3	3.2

## LITTLE 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 excellent except for Oct. 21 to Nov. 16, which are good.

EXTREMES FOR PERIOD OF DAILY RECORD.--

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

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

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

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

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 19,100 microsiemens, July 13; minimum, 142 microsiemens, Oct. 5.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	280	150	184	1860	181	594	3490	627	1650	1700	570	1010
2	200	149	177	2530	161	829	5200	689	1940	1490	460	798
3	208	156	181	2760	163	903	6240	761	2310	2920	610	1490
4	186	144	167	2850	165	760	4710	883	2160	1200	490	794
5	212	142	171	5770	197	1400	1940	665	1380	710	450	587
6	269	148	186	4920	219	1410	1040	527	824	480	380	423
7	546	147	245	1020	201	547	869	489	682	380	330	341
8	543	154	258	1370	183	575	2620	431	1100	340	320	326
9	571	172	296	1840	195	583	1540	483	923	390	310	345
10	358	168	233	2740	227	953	2930	534	1330	390	320	352
11	525	166	271	3130	258	1230	2210	467	947	---	---	---
12	762	183	324	7460	290	2080	728	378	520	---	---	---
13	3580	210	891	8540	442	2400	1310	370	648	520	360	412
14	4630	329	1930	5420	474	1820	1490	400	733	790	340	493
15	6180	255	1590	6600	476	1950	660	390	496	490	370	429
16	9700	393	3760	8040	408	2260	880	350	514	440	340	380
17	7290	369	2210	5190	410	1750	1140	350	600	360	340	353
18	5980	278	1910	3120	482	1300	530	310	388	350	330	337
19	4910	295	1690	3700	494	1520	1150	310	579	380	330	347
20	1980	262	976	1180	427	855	480	330	399	330	310	323
21	2020	219	836	1730	418	832	350	310	337	330	300	317
22	1570	227	620	770	390	607	340	310	323	310	300	304
23	1180	224	546	493	312	415	330	300	316	320	290	298
24	531	211	363	485	304	391	320	300	308	300	280	285
25	270	178	230	425	296	351	350	300	319	280	270	276
26	235	156	192	377	287	336	510	310	371	340	270	293
27	362	154	215	440	299	369	370	310	332	300	260	279
28	300	160	207	862	341	543	720	310	473	300	260	274
29	397	159	269	1350	403	757	870	390	574	300	260	276
30	445	166	303	3310	495	1330	1390	410	727	310	270	283
31	653	173	370	---	---	---	2230	480	1030	340	260	293
MONTH	9700	142	703	8540	161	1060	6240	300	814	---	---	---

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

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	300	260	278	570	340	477	230	180	203	---	---	---
2	300	260	273	590	330	462	230	190	204	2330	220	604
3	420	260	307	400	260	327	220	190	203	310	211	259
4	280	250	262	280	260	266	210	200	204	772	221	407
5	270	240	257	280	260	267	230	200	212	393	213	274
6	270	250	261	270	260	264	220	200	206	304	213	261
7	280	250	260	270	250	261	210	180	192	275	214	240
8	260	240	252	270	250	255	190	170	184	256	205	233
9	260	240	251	260	240	247	240	170	190	347	216	253
10	280	240	256	250	230	240	250	190	205	428	217	272
11	260	240	246	250	230	238	250	190	208	1350	228	369
12	260	230	241	260	230	240	250	210	220	1200	239	412
13	260	230	239	270	240	245	260	210	227	679	230	326
14	240	230	236	250	230	240	270	200	230	521	241	289
15	250	230	238	250	240	244	260	200	225	871	252	397
16	250	230	238	260	240	244	250	200	225	882	263	416
17	250	230	237	260	230	242	280	200	230	533	273	355
18	250	230	240	260	230	247	270	190	225	514	255	338
19	260	230	243	250	230	238	240	180	210	415	255	325
20	270	240	250	300	240	275	240	180	200	1450	256	670
21	260	240	246	260	240	256	320	180	224	1100	277	542
22	270	240	251	260	240	252	230	180	200	1380	267	518
23	280	240	258	260	230	246	1050	180	363	779	259	466
24	360	240	286	240	210	225	2310	200	630	810	230	383
25	380	260	304	230	210	218	1670	220	697	1920	231	471
26	430	260	322	250	210	226	1720	210	447	5980	261	915
27	310	270	284	330	220	248	2180	220	620	10100	312	2700
28	520	260	353	610	240	374	1580	240	475	11700	403	3060
29	---	---	---	660	270	407	680	240	371	18000	514	5470
30	---	---	---	580	230	335	---	---	---	13400	395	3630
31	---	---	---	260	200	225	---	---	---	5060	346	1560
MONTH	520	230	263	660	200	275	---	---	---	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	1420	277	632	1280	323	649	3600	350	1360	230	180	205
2	537	268	377	723	311	477	4350	330	1310	210	160	185
3	929	268	463	500	290	386	4810	330	1370	210	170	184
4	769	279	443	850	290	428	3620	350	1220	210	160	184
5	340	260	301	900	280	428	7590	330	1630	210	170	185
6	311	251	281	3010	280	720	7520	340	1940	290	170	204
7	572	252	311	1860	280	649	12400	420	2890	310	180	226
8	2800	273	653	1290	260	479	12900	430	3130	320	190	227
9	3540	304	893	1500	250	475	12900	430	2920	420	190	253
10	3560	285	742	1700	250	498	7690	380	1770	720	200	340
11	1640	276	529	14200	260	1260	4510	370	1470	510	210	312
12	2160	297	567	16700	430	5840	3360	380	1290	1900	210	558
13	2620	298	736	19100	410	5610	2600	380	1250	350	210	283
14	2680	308	834	8640	300	2160	4320	360	1560	270	210	243
15	4130	339	1210	1640	300	901	2420	320	1020	270	200	235
16	5720	339	1600	2550	300	1030	1510	290	680	270	200	233
17	2810	327	986	3070	290	1000	1340	280	553	500	210	278
18	866	305	507	6340	320	1650	2890	270	774	610	240	335
19	1510	303	589	4570	290	1260	8620	300	1560	560	220	300
20	910	300	512	5210	280	1220	9380	370	2810	330	210	258
21	1700	298	568	4050	280	1030	10300	410	2820	290	210	249
22	987	295	481	3320	280	923	11300	540	4430	270	210	242
23	672	273	366	2700	260	545	10500	460	4000	300	210	244
24	1060	281	404	1170	260	454	7420	510	3050	270	210	231
25	1210	288	480	1330	270	442	7500	610	3120	270	210	235
26	1350	306	525	3200	280	638	8110	580	3320	240	190	217
27	1120	323	523	4430	310	1150	4020	430	1640	220	190	206
28	823	301	456	2640	310	906	1600	290	660	220	180	198
29	410	308	355	1350	310	699	330	250	297	220	190	201
30	676	328	459	1090	310	643	280	230	256	230	190	206
31	---	---	---	3740	330	1190	250	210	236	---	---	---
MONTH	5720	251	593	19100	250	1150	12900	210	1820	1900	160	249



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

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, 6,020 ft<sup>3</sup>/s, Oct. 16, 2001; minimum discharge, 5,050 ft<sup>3</sup>/s, Oct. 18, 2001.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 6,020 ft<sup>3</sup>/s, Oct. 16; minimum discharge, 5,050 ft<sup>3</sup>/s, Oct. 18.

## DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	5160	-4520	4700	-4340	4670	-4460	4530	-4240	4900	-4380	4980	-4220
2	5350	-4630	4650	-4260	4830	-4390	4500	-3980	4790	-4020	4920	-4610
3	5000	-4690	4800	-4280	4700	-4370	4900	-4540	4300	-4320	4410	-4750
4	4750	-4430	4310	-4160	4700	-4430	4030	-3990	4270	-4340	4390	-4300
5	4820	-4670	4500	-4420	4620	-4330	4460	-4030	4230	-3970	3630	-3800
6	4460	-4180	4800	-4250	4660	-4060	4220	-4000	4320	-4240	3650	-4080
7	4120	-4520	4350	-4260	4240	-4110	3960	-3540	4390	-4520	3640	-3870
8	4720	-4170	4320	-4170	4370	-4240	---	---	4090	-4000	3690	-3910
9	4800	-4210	4520	-3890	4590	-4100	---	---	4630	-4200	3580	-3960
10	4580	-4270	4570	-4310	4500	-4700	---	---	4560	-4720	3790	-3780
11	4500	-4430	4590	-4140	5470	-4500	---	---	4010	-4230	3960	-3770
12	4760	-4280	4880	-4630	4940	-4330	---	---	4300	-4460	4080	-4040
13	5440	-4570	5660	-4650	---	---	---	---	4210	-4220	3930	-4110
14	5770	-4770	5000	-4460	---	---	---	---	4310	-4230	3770	-3820
15	5610	-4740	5190	-4490	---	---	---	---	4400	-4320	3760	-4020
16	6020	-5020	---	---	---	---	---	---	4020	-4090	3730	-4050
17	5440	-4680	4940	-4400	---	---	3980	-3500	3820	-3670	3910	-3550
18	5090	-5050	4450	-4340	3980	-4120	3560	-3430	3670	-3730	3780	-4070
19	5040	-4650	4680	-4280	4370	-4370	4230	-3930	3600	-3870	4020	-3690
20	5100	-4510	---	---	3860	-3660	4110	-3880	4040	-3920	4140	-4240
21	4630	-4350	---	---	3690	-3620	3270	-3660	3580	-3820	---	---
22	4310	-4300	3970	-3940	3550	-3980	3690	-3320	3770	-3800	---	---
23	4140	-4300	3790	-3650	3570	-3780	3940	-3750	4300	-3930	3860	-4150
24	3970	-4240	3900	-3760	3800	-3620	4010	-4110	4590	-4370	4030	-4070
25	4140	-4080	3990	-3760	4270	-3940	4260	-3790	5120	-4700	4020	-4330
26	4010	-3860	4100	-3660	4560	-4260	4240	-4110	5410	-4670	4470	-4310
27	3990	-4050	4230	-3930	4380	-3860	4690	-4400	5120	-4560	5110	-4430
28	4320	-4020	4560	-4420	4240	-3820	4740	-4390	5030	-4190	---	---
29	4620	-4080	4580	-4060	4510	-3890	4660	-4420	---	---	5340	-4850
30	4610	-4090	4690	-4260	4380	-4140	4840	-4440	---	---	3960	-4700
31	4570	-4260	---	---	4490	-4270	4980	-4580	---	---	3140	-4350
MONTH	6020	-5050	---	---	---	---	---	---	5410	-4720	---	---

## LITTLE RIVER BASIN

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

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	---	---	2550	-3220	3240	-2790	2850	-2180	2970	-2420	3510	-2850
2	---	---	2370	-3280	2980	-2630	2620	-2160	3110	-2660	3700	-3080
3	2880	-3370	2050	-2870	3170	-2750	2660	-2820	3150	-2750	3720	-3550
4	2290	-2880	2640	-3070	3290	-3090	2810	-2260	3290	-3330	3700	-3260
5	2390	-3190	2290	-2870	3080	-2970	2930	-2300	3560	-3370	3610	-3460
6	2320	-3460	2120	-2900	3160	-2810	3270	-2980	3700	-3490	3690	-3950
7	2410	-2990	2140	-3040	2650	-2940	3200	-2840	3610	-4340	3780	-3990
8	2200	-3000	1960	-2780	2890	-3390	3310	-2580	3730	-4170	3690	-3770
9	---	---	2090	-2940	3330	-3070	3130	-2590	3900	-3980	3690	-3950
10	---	---	---	---	3460	-2920	3120	-2580	3890	-3660	3920	-3750
11	2460	-2850	---	---	3510	-2990	3010	-3150	3620	-3620	3600	-3200
12	2430	-3020	---	---	3430	-2890	3310	-3430	3480	-3290	3630	-3300
13	2420	-3000	---	---	3380	-2900	3560	-3240	3320	-2770	3460	-2840
14	2450	-2800	---	---	3110	-3260	3370	-3050	3340	-2940	3300	-2510
15	2260	-2790	---	---	3310	-3390	3120	-2760	3200	-2800	3120	-2480
16	---	---	---	---	3370	-3100	3150	-2890	3150	-2610	3060	-2320
17	---	---	3040	-2270	3320	-3440	3200	-2940	2890	-2480	3210	-2580
18	---	---	3080	-2250	3380	-3230	3240	-2820	3000	-2400	3210	-3030
19	---	---	3030	-2690	3460	-3220	3340	-2660	3110	-2710	3390	-2930
20	---	---	3290	-3080	3320	-3130	3500	-3070	3050	-2940	3480	-3220
21	---	---	3430	-3050	3460	-3160	3320	-3000	3170	-2690	3680	-3490
22	---	---	3560	-3480	3470	-3660	3140	-2910	3220	-2860	3780	-3150
23	---	---	3630	-3340	3450	-2760	3360	-2810	3200	-2740	3370	-3230
24	---	---	3680	-3210	3270	-2800	3270	-2840	3300	-2750	3290	-3010
25	---	---	3450	-3150	3210	-2830	3100	-2570	3230	-3000	3460	-3300
26	---	---	3500	-3170	3300	-2540	2970	-2460	3090	-3000	3530	-3250
27	---	---	3500	-3420	2940	-2430	3090	-2650	3060	-2600	3550	-3220
28	---	---	3580	-3840	2860	-2390	2910	-2320	3470	-2420	3340	-2910
29	---	---	3650	-3840	2740	-2200	2990	-2360	3240	-2400	3330	-2850
30	---	---	3430	-3400	2510	-2180	2840	-2290	3450	-2850	3730	-3020
31	---	---	3200	-2960	---	---	3270	-2450	3530	-3130	---	---
MONTH	---	---	---	---	3510	-3660	3560	-3430	3900	-4340	3920	-3990



LITTLE RIVER BASIN

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

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	190	179	184	206	177	189	148	137	142	205	154	177
2	193	179	185	204	177	189	151	145	148	201	148	170
3	196	175	186	198	169	184	155	143	150	174	147	158
4	189	168	178	184	167	174	157	143	150	179	150	165
5	180	168	173	178	164	172	162	136	149	177	150	160
6	181	168	174	179	162	169	149	129	138	171	150	160
7	195	167	177	174	160	166	141	127	133	169	148	156
8	182	165	174	169	156	162	136	126	131	168	144	155
9	179	166	173	166	154	159	140	130	134	175	147	161
10	181	169	175	163	154	158	149	131	139	---	---	---
11	177	163	169	167	157	162	161	136	145	---	---	---
12	174	165	169	170	158	163	158	140	148	---	---	---
13	178	167	171	172	158	165	156	136	145	---	---	---
14	184	170	176	175	161	167	156	132	142	190	158	175
15	182	171	176	174	161	167	150	130	138	197	169	183
16	180	168	173	172	157	163	151	131	137	199	163	183
17	178	171	174	170	157	163	149	132	139	199	157	178
18	182	169	175	172	155	162	150	134	140	194	154	171
19	181	167	174	167	155	161	149	134	141	190	160	175
20	179	168	173	183	149	162	149	134	141	197	162	181
21	177	169	172	159	146	152	154	134	143	195	160	178
22	180	168	174	161	144	152	150	132	141	194	157	175
23	182	170	177	158	141	148	161	132	145	187	156	172
24	185	172	179	149	140	145	170	138	152	181	154	166
25	187	172	179	150	138	143	169	142	155	187	157	167
26	192	171	180	151	137	143	177	143	156	196	163	175
27	190	173	180	167	137	146	254	146	168	205	169	183
28	200	174	184	169	140	151	243	148	181	211	174	191
29	---	---	---	167	141	151	205	146	165	236	181	202
30	---	---	---	164	139	149	195	153	174	233	181	199
31	---	---	---	153	134	143	---	---	---	215	180	193
MONTH	200	163	176	206	134	161	254	126	147	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	203	179	188	259	223	242	267	222	243	144	125	136
2	195	180	188	256	219	236	265	215	241	141	128	135
3	204	184	194	248	218	232	268	208	238	144	133	139
4	204	187	194	250	217	232	261	206	234	146	136	140
5	198	186	191	245	208	226	264	204	229	148	134	141
6	200	188	193	251	206	224	267	201	229	157	137	144
7	206	191	198	247	209	227	287	210	238	158	140	148
8	216	195	204	238	196	216	288	212	241	159	139	150
9	221	198	208	236	194	212	288	212	239	165	144	154
10	220	198	207	233	195	209	276	210	233	170	147	159
11	220	198	206	250	200	216	267	207	231	172	150	161
12	222	200	210	261	216	238	260	211	232	184	154	167
13	225	202	212	272	218	240	258	215	235	176	153	166
14	227	204	214	256	212	231	262	218	237	169	152	161
15	231	210	220	246	216	231	256	221	237	166	150	158
16	237	213	225	248	217	234	247	223	235	170	149	158
17	236	210	224	253	217	235	247	223	234	182	155	165
18	233	207	220	259	222	240	257	227	238	189	159	171
19	236	208	221	256	217	236	271	235	248	181	155	169
20	234	207	222	254	216	233	275	241	256	176	153	164
21	237	210	222	261	223	238	276	239	256	172	150	162
22	230	211	221	261	222	241	286	243	260	170	148	160
23	232	213	222	257	210	234	284	242	258	170	147	157
24	238	215	225	255	212	233	278	243	259	168	149	159
25	243	217	230	255	210	231	287	245	265	172	150	161
26	244	218	231	257	220	239	291	249	269	170	151	159
27	246	220	233	266	225	244	281	244	259	167	150	161
28	249	215	231	265	221	242	271	204	234	161	143	154
29	243	217	230	262	218	238	221	177	201	160	144	151
30	251	224	238	257	216	238	197	160	179	159	144	151
31	---	---	---	265	218	243	170	139	155	---	---	---
MONTH	251	179	214	272	194	233	291	139	237	189	125	155

## LITTLE 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 Dec. 13 to Jan. 8, and May 2 to June 28, which are good. Prior to Oct. 1, 1990, values less than 100 microsiemens were not recordable.

EXTREMES FOR PERIOD OF DAILY RECORD.--

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

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 34,100 microsiemens, May 29; minimum, 170 microsiemens, Oct. 1.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	4500	170	760	19100	340	5610	26600	590	9710	22500	380	5700
2	6380	180	1420	19400	360	5340	27000	720	10100	22500	360	5810
3	---	---	---	19400	350	5080	28900	880	11400	29900	660	10700
4	---	---	---	19400	340	5470	28200	1010	10500	12900	360	3010
5	---	---	---	23400	430	7450	21700	670	6810	16300	350	4620
6	---	---	---	24600	540	8140	18400	540	5090	9750	310	2090
7	---	---	---	17500	410	4500	17900	550	5300	1320	310	520
8	---	---	---	16100	330	3660	21600	620	7490	1940	310	638
9	---	---	---	18400	350	4890	19900	630	7410	6350	310	1220
10	9570	220	1820	20200	460	7130	27000	690	12200	6390	310	1370
11	9900	230	2040	21600	480	7820	19200	470	4120	9190	330	1700
12	13000	240	2850	27000	620	12000	11000	350	2840	13500	330	3820
13	21500	290	6670	29300	1050	11700	17100	360	4460	8620	350	1870
14	24100	650	10100	26600	760	9020	17800	360	4070	15600	340	3680
15	25000	580	8640	27900	630	9910	12600	330	2530	10700	340	1990
16	29700	1030	13300	29000	790	10100	15200	340	3600	8190	330	1500
17	25600	1000	9480	26600	730	8250	17100	340	4000	6710	330	1280
18	26800	640	8910	25500	600	7780	7300	300	960	4320	330	937
19	25800	700	8460	25700	790	8850	18000	330	3950	7990	330	1620
20	20500	560	5830	19900	610	5820	10200	310	1900	1800	310	513
21	19400	410	5020	23600	750	7830	6560	300	1360	6670	300	1280
22	19100	420	5080	15600	460	4250	7280	310	1370	1940	290	579
23	18400	430	5210	12600	390	2890	4360	310	1020	4740	280	820
24	14000	360	3600	11500	370	3250	2760	290	598	2520	270	496
25	7140	280	1540	8830	350	2380	8260	290	2230	1480	270	495
26	8180	260	1430	7740	330	2090	15200	320	3480	5840	270	1060
27	12900	270	2620	12200	330	3580	9290	310	1900	2890	260	580
28	11100	260	2420	16700	350	5300	14700	310	4390	1790	250	462
29	12000	290	3770	20200	400	6880	17300	330	4880	2170	250	518
30	13500	300	3910	25100	490	8920	20700	340	6020	2480	250	580
31	15800	310	4700	---	---	---	24000	370	6770	3190	250	636
MONTH	---	---	---	29300	330	6530	28900	290	4920	29900	250	2000

LITTLE RIVER BASIN

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

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	2710	250	588	12200	300	3130	1000	200	292	---	---	---
2	2570	250	665	13800	310	3580	1580	200	382	17400	280	3450
3	9020	260	1610	10500	260	1330	1820	200	379	---	---	---
4	2450	250	518	830	260	335	520	210	282	---	---	---
5	1330	250	472	640	260	328	3610	220	593	8610	270	1620
6	4340	260	802	1010	260	356	670	210	277	6830	270	1620
7	4810	250	774	570	250	311	380	200	240	4680	250	855
8	680	250	309	490	250	298	320	190	228	4390	240	909
9	1040	250	372	570	240	292	350	190	225	8350	250	1810
10	1600	250	427	380	230	260	560	190	253	8200	240	1700
11	370	240	265	760	230	352	3290	200	744	14100	250	2880
12	1030	240	347	1620	230	470	2310	220	687	9980	260	2620
13	600	240	304	1290	230	389	3000	230	629	7110	250	1240
14	800	240	329	860	230	342	2210	230	497	11200	250	1380
15	620	240	309	1000	240	380	1720	210	392	13500	270	2480
16	390	240	270	580	230	290	1640	230	403	14300	270	2490
17	320	240	264	1120	230	316	2110	220	449	10500	260	1790
18	350	250	271	1290	230	359	2320	210	506	9650	260	1730
19	790	260	350	760	230	350	1910	210	479	7760	280	2430
20	1240	260	406	5790	240	954	2100	210	440	16600	340	5900
21	690	250	316	540	230	303	4730	210	945	16000	350	4770
22	1100	250	363	1880	230	441	2560	210	565	17000	310	4930
23	3050	260	667	3490	230	565	12800	210	2810	14800	300	4000
24	7500	260	1530	850	210	315	17600	270	5250	11000	260	2120
25	7260	270	1400	920	210	309	15900	290	4810	15800	260	2900
26	8170	270	1830	1360	220	432	19900	260	4550	24000	290	5170
27	5980	270	1030	4880	220	1000	---	---	---	29200	510	8530
28	11800	280	2540	12300	230	2950	---	---	---	33400	960	11400
29	---	---	---	12800	250	2910	---	---	---	34100	1680	15700
30	---	---	---	12500	230	1500	---	---	---	31000	880	10700
31	---	---	---	4460	210	542	---	---	---	24000	580	7080
MONTH	11800	240	690	13800	210	829	---	---	---	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	17800	350	3850	16500	420	5230	19500	660	7570	280	210	243
2	10500	330	2310	12300	380	3630	19500	540	7330	1030	190	307
3	15000	350	4560	10500	360	2730	20700	560	7520	---	---	---
4	14400	330	3600	14300	360	3710	19300	640	7110	---	---	---
5	6580	300	1600	13200	340	3070	21700	520	6690	---	---	---
6	6790	270	1240	17700	350	4580	22400	580	7730	3900	200	687
7	9750	270	1920	15500	380	5090	26600	900	10300	4520	200	811
8	19000	320	5100	12400	330	2480	28100	1020	10700	3060	210	820
9	20700	380	6100	12800	310	2530	24000	910	9380	6440	220	1320
10	16300	320	4180	13700	300	2470	23400	710	6880	12200	240	2610
11	15100	300	2930	27500	340	4830	21000	640	5920	10700	240	2210
12	17200	310	3340	32900	2040	15000	19400	660	5930	15100	250	3720
13	17300	310	3890	32900	1230	13000	17600	640	6290	7490	250	1570
14	17800	360	4960	25900	480	6590	19400	610	6750	3550	230	611
15	20400	480	6850	14300	490	4630	15400	510	5040	1750	220	437
16	22900	550	8330	17600	510	5940	12700	410	2980	1910	220	474
17	20200	440	6330	18000	470	6010	12000	360	2690	7600	230	1350
18	14100	370	3650	21900	520	7770	14800	350	3630	8980	270	1980
19	15400	340	4410	20000	440	6280	20600	430	6220	5650	250	1380
20	13100	340	3630	20900	390	5590	22900	670	8430	3710	240	850
21	15400	330	3540	19400	380	5080	24800	810	9250	2310	250	718
22	10600	340	2780	17600	380	4640	25400	1310	11000	2260	250	722
23	7760	290	1320	10700	320	2500	22500	980	8810	2100	240	600
24	10800	300	1860	10200	320	1920	23100	1240	8980	1950	240	584
25	12600	310	2410	11200	320	2070	21700	1680	9840	3360	250	729
26	12200	310	2330	17300	380	3700	22500	1520	9890	570	230	298
27	12200	320	2260	17300	470	5080	17700	920	5850	640	220	281
28	11800	310	1940	16000	480	4530	12100	350	2310	890	210	298
29	7250	330	1630	13000	450	3800	650	300	399	2410	210	466
30	11000	370	3650	14200	460	4530	400	270	318	5520	220	775
31	---	---	---	18200	560	7170	380	250	286	---	---	---
MONTH	22900	270	3550	32900	300	5040	28100	250	6520	---	---	---

## LITTLE 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, near east bank of the Atlantic Intracoastal Waterway, downstream side of bridge, 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.

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

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

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 16.84 ft, Aug. 7; minimum gage height, 8.99 ft, Feb. 28.

## GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	15.68	11.11	13.46	15.38	10.60	12.90	15.58	10.27	12.81	---	---	---
2	15.76	11.23	13.61	15.30	10.49	12.79	15.60	10.29	12.76	15.42	9.47	12.23
3	15.54	11.04	13.35	15.30	10.43	12.68	15.88	10.40	12.89	---	---	---
4	15.09	10.64	12.88	15.14	10.26	12.66	15.58	10.46	12.81	---	---	---
5	15.08	10.47	12.75	15.35	10.74	12.89	15.33	10.32	12.50	---	---	---
6	14.91	10.49	12.62	15.69	10.87	13.03	15.01	10.07	12.37	---	---	---
7	15.21	10.66	12.75	15.28	10.69	12.72	14.86	10.25	12.43	---	---	---
8	14.99	10.62	12.82	15.22	10.52	12.57	15.05	10.55	12.70	---	---	---
9	15.17	10.80	12.89	15.03	10.37	12.61	14.93	10.35	12.66	---	---	---
10	15.09	10.75	12.78	15.07	10.48	12.79	15.53	10.91	13.21	14.15	9.13	11.57
11	15.24	10.60	12.79	15.14	10.31	12.81	15.67	9.96	12.96	---	---	---
12	15.27	10.46	12.85	15.52	10.33	13.06	15.37	9.96	12.80	---	---	---
13	15.97	10.52	13.23	15.77	10.37	13.07	15.89	10.16	12.86	13.96	9.47	11.79
14	16.09	10.53	13.43	15.88	10.10	12.91	15.82	10.18	12.76	---	---	---
15	16.18	10.41	13.23	16.05	10.04	13.02	15.15	9.94	12.43	---	---	---
16	16.38	10.46	13.48	16.07	10.30	13.01	15.33	10.15	12.64	---	---	---
17	15.96	9.87	12.97	15.63	10.33	12.80	15.49	10.54	12.84	---	---	---
18	16.04	10.14	12.98	15.59	10.48	12.88	14.21	10.17	12.16	---	---	---
19	16.02	10.53	13.03	15.43	10.80	12.90	15.27	10.79	12.75	14.22	10.16	12.10
20	15.54	10.50	12.83	14.92	10.72	12.58	14.32	10.35	12.15	---	---	---
21	15.33	10.63	12.77	14.96	11.18	13.02	14.12	10.58	12.23	---	---	---
22	15.10	10.84	12.85	14.59	11.10	12.74	14.29	10.94	12.50	---	---	---
23	15.10	11.16	13.00	14.41	11.01	12.64	14.35	11.12	12.71	---	---	---
24	14.82	11.27	13.03	14.45	10.87	12.73	14.43	10.36	12.41	---	---	---
25	14.78	10.91	12.82	14.20	10.53	12.57	14.51	10.74	12.81	---	---	---
26	14.47	10.64	12.55	14.21	10.37	12.43	15.07	10.08	12.92	---	---	---
27	14.65	10.46	12.63	14.50	10.26	12.53	14.66	10.08	12.41	---	---	---
28	---	---	---	14.78	10.25	12.57	14.83	10.06	12.61	---	---	---
29	---	---	---	14.92	10.15	12.66	14.84	9.85	12.38	---	---	---
30	15.05	10.74	12.94	15.41	10.38	12.80	15.21	9.53	12.30	---	---	---
31	15.12	10.64	12.94	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	16.07	10.04	12.78	---	---	---	---	---	---

LITTLE RIVER BASIN

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

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	14.92	9.33	12.08	15.66	10.23	12.64	15.22	10.40	12.50
2	14.78	9.38	12.14	15.59	9.43	12.51	15.66	10.58	12.81	14.99	10.30	12.25
3	15.14	10.38	12.61	15.32	9.78	12.17	15.39	10.71	12.68	14.16	10.21	12.03
4	14.95	9.18	11.91	14.56	9.40	11.71	14.54	10.62	12.74	14.68	10.89	12.79
5	14.47	10.06	12.15	14.17	9.81	11.87	15.29	11.24	13.16	14.36	10.58	12.43
6	14.78	10.59	12.46	14.26	9.90	11.79	15.18	10.77	12.84	14.42	10.75	12.58
7	15.37	10.16	12.45	14.03	10.01	11.81	14.90	10.81	12.79	14.13	10.20	12.33
8	---	---	---	14.02	10.17	12.02	14.51	10.42	12.56	14.07	10.11	12.24
9	---	---	---	14.33	10.03	12.11	14.26	10.19	12.26	14.40	10.17	12.32
10	---	---	---	14.29	9.90	11.98	14.11	9.88	12.09	14.37	9.90	12.14
11	---	---	---	14.32	9.90	12.38	14.72	10.17	12.52	14.75	9.85	12.34
12	---	---	---	14.78	10.17	12.51	14.78	10.38	12.58	14.90	10.11	12.45
13	---	---	---	14.48	10.03	12.36	14.95	10.35	12.60	---	---	---
14	---	---	---	14.38	9.82	12.03	14.79	10.21	12.50	---	---	---
15	---	---	---	14.45	9.96	12.18	14.67	10.15	12.33	---	---	---
16	---	---	---	14.16	9.78	11.97	14.71	10.20	12.27	---	---	---
17	---	---	---	14.48	9.89	12.09	14.61	10.32	12.27	---	---	---
18	---	---	---	14.04	10.05	12.14	14.50	10.29	12.21	---	---	---
19	---	---	---	14.94	10.39	12.49	14.49	10.41	12.27	---	---	---
20	---	---	---	14.96	10.65	12.74	14.44	10.55	12.34	---	---	---
21	---	---	---	14.36	10.94	12.71	14.93	10.53	12.70	---	---	---
22	---	---	---	15.07	10.52	12.67	14.70	10.12	12.49	---	---	---
23	---	---	---	15.17	10.55	12.65	15.39	10.43	12.93	---	---	---
24	---	---	---	14.61	10.14	12.38	15.68	10.34	13.11	---	---	---
25	---	---	---	14.83	9.80	12.36	15.68	10.23	13.03	---	---	---
26	---	---	---	15.07	9.80	12.59	16.20	9.61	12.86	---	---	---
27	---	---	---	15.73	9.81	12.81	16.05	9.95	12.97	---	---	---
28	15.06	8.99	12.15	16.38	10.07	13.28	15.48	9.76	12.65	---	---	---
29	---	---	---	16.74	10.30	13.41	15.45	9.64	12.24	---	---	---
30	---	---	---	16.12	10.21	13.22	15.30	10.02	12.53	---	---	---
31	---	---	---	15.80	10.20	12.95	---	---	---	---	---	---
MONTH	---	---	---	16.74	9.33	12.39	16.20	9.61	12.60	---	---	---
	JUNE			JULY			AUGUST			SEPTEMBER		
1	15.08	10.98	12.78	14.17	10.59	12.35	14.94	11.38	13.08	15.10	11.34	13.13
2	14.66	10.86	12.92	14.00	10.65	12.36	15.19	11.23	13.24	15.81	11.47	13.46
3	14.84	11.02	13.17	14.02	10.55	12.36	15.50	11.38	13.39	15.89	11.19	13.56
4	14.90	11.17	13.10	14.30	10.55	12.52	15.48	11.46	13.47	15.75	10.67	13.14
5	14.66	10.82	12.95	14.48	10.64	12.52	16.07	11.21	13.59	15.71	10.15	12.88
6	14.75	10.64	12.79	14.81	10.62	12.81	16.20	11.12	13.66	16.27	10.32	13.22
7	14.89	10.38	12.73	15.11	10.84	12.86	16.84	11.14	13.88	16.21	10.26	13.19
8	15.69	11.01	13.31	14.91	10.33	12.53	16.80	10.99	13.77	15.92	10.27	13.14
9	15.86	10.94	13.34	14.97	10.09	12.37	16.46	10.47	13.49	16.25	10.27	13.22
10	15.63	10.59	13.09	14.85	9.58	12.06	16.16	10.43	13.25	16.30	10.66	13.38
11	15.59	10.20	12.82	15.32	9.56	12.16	15.91	10.40	13.11	16.01	10.63	13.20
12	15.62	10.39	12.80	15.93	10.61	13.07	15.43	10.43	12.97	16.12	10.89	13.38
13	15.62	10.34	12.75	15.38	10.40	12.90	15.41	10.35	12.82	15.54	11.02	13.01
14	15.89	10.60	12.91	14.85	10.22	12.55	15.38	10.50	12.85	15.12	10.74	12.70
15	15.80	10.62	13.13	14.85	10.14	12.49	15.20	10.54	12.71	14.68	10.59	12.55
16	15.83	10.89	13.21	14.89	10.46	12.60	15.07	10.50	12.53	14.65	10.52	12.49
17	15.70	10.82	13.11	14.91	10.43	12.65	14.85	10.17	12.45	15.11	10.44	12.68
18	15.24	10.79	12.99	15.45	10.67	12.84	15.11	10.21	12.52	15.35	10.78	13.02
19	15.47	10.49	12.99	15.32	10.27	12.70	15.45	10.33	12.72	15.52	10.89	13.09
20	15.55	10.49	12.91	15.46	10.09	12.60	15.28	10.50	12.83	15.46	10.84	13.13
21	15.69	10.54	12.98	15.68	10.37	12.78	15.32	10.48	12.82	15.38	10.96	13.20
22	15.76	10.41	12.97	15.43	10.37	12.80	15.46	10.71	12.97	---	---	---
23	15.41	10.07	12.63	15.23	10.06	12.58	15.20	10.64	12.80	15.24	10.96	13.16
24	15.29	9.97	12.48	15.10	9.94	12.39	15.26	10.60	12.85	15.21	10.85	13.17
25	15.17	10.04	12.43	14.92	9.96	12.28	14.78	10.42	12.64	15.43	11.21	13.33
26	14.84	10.03	12.27	14.93	10.30	12.46	14.62	10.74	12.79	15.35	11.20	13.34
27	14.60	10.08	12.15	14.65	10.45	12.47	14.36	10.53	12.60	15.47	11.52	13.44
28	14.11	9.94	11.84	14.41	10.38	12.40	14.43	10.76	12.66	15.28	11.23	13.21
29	14.03	9.98	11.91	14.31	10.39	12.35	14.24	10.68	12.68	15.40	11.58	13.33
30	14.05	10.29	12.23	14.24	10.44	12.53	14.93	10.88	12.93	15.63	11.58	13.45
31	---	---	---	14.61	10.77	12.74	15.20	11.18	13.14	---	---	---
MONTH	15.89	9.94	12.79	15.93	9.56	12.55	16.84	10.17	13.01	---	---	---



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 Oct. 1, 2, Feb. 15 to Feb. 24, and Aug. 13 to Sep. 3, which are good. Temperature records rated excellent. Dissolved oxygen records rated good except for Oct. 1, 2, Nov. 30 to Dec. 20, Mar. 6 to Mar. 15, and May 30 to Aug. 13, 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, 49,000 microsiemens, Nov. 16; minimum, 240 microsiemens, Apr. 10.

WATER TEMPERATURE: Maximum, 32.4°C, July 31; minimum, 6.5°C, Jan. 5.

DISSOLVED OXYGEN: Maximum, 13.3 mg/L, Jan. 5-7, 9; minimum, 3.2 mg/L, Aug. 25, 26.

## SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	29600	1520	12100	40000	11600	26100	45000	15000	31000	45500	4900	26200
2	32200	4900	16900	40800	9000	25800	45600	14400	31700	45800	3320	26300
3	30500	3360	16400	41900	7760	25200	45800	14800	33200	47800	16400	32600
4	24900	1110	11600	41500	6900	25600	44400	15600	32300	40400	2040	20200
5	29300	1010	12000	42200	11300	28600	42400	9090	27000	36700	3140	23300
6	30400	1470	12800	42800	15800	29600	40300	6600	24400	34400	710	18700
7	35600	1130	16600	38300	8920	24100	38100	10100	25100	27700	600	8980
8	33600	3490	18800	39200	3870	22100	40600	14200	28300	25100	600	10600
9	33400	7070	20500	40100	8010	24000	39400	15100	28600	31500	1030	13100
10	32300	2480	17000	39200	14400	28100	45700	16000	34200	32100	790	14400
11	35600	2790	17700	40900	14400	29100	38600	4430	23400	---	---	---
12	35800	3420	19400	45000	15400	33600	39900	1580	19200	---	---	---
13	42800	9920	26500	47300	19300	34700	43900	4170	23000	35400	3280	17800
14	45200	18800	32300	47600	12800	32100	41800	3530	22200	40400	2720	21200
15	46900	15200	30800	48800	11700	33300	39000	1780	18300	34800	2150	17000
16	47800	20300	36300	49000	15800	34100	40800	3780	21200	33100	940	14600
17	46500	16700	33000	45100	11100	31400	41200	4830	22600	31000	2350	14400
18	47700	9080	32200	46600	9360	30800	32900	1170	12500	29500	1410	13200
19	47300	14800	32300	44500	17900	31800	38200	5340	21400	31500	3640	16100
20	43100	9890	28100	40000	11600	26100	31700	2530	16800	24800	480	9980
21	41400	5370	25500	40300	19700	29800	30100	3210	16300	28800	1070	14700
22	39500	9220	25500	36000	10200	24100	30200	3540	16700	22400	1200	11000
23	38300	11600	26000	34000	7440	21800	27700	2490	15600	26900	480	11700
24	36100	9600	23700	32700	8810	21800	29200	1230	12800	24700	480	8860
25	32000	3090	18100	30200	6440	19500	31300	1650	19100	23900	520	9420
26	31100	1860	16200	29800	4830	18800	35600	5720	22200	31900	1070	12100
27	33800	5140	19700	33900	4820	21100	32100	2300	17400	30600	600	8620
28	---	---	---	37200	9000	24200	35600	4280	21000	30100	410	7150
29	---	---	---	40300	10500	26800	39700	6720	22800	32700	340	7970
30	34900	8220	23000	42900	12100	29600	42000	5780	25000	35600	430	9110
31	37400	8600	24200	---	---	---	44100	6440	27200	33200	520	9840
MONTH	---	---	---	49000	3870	27100	45800	1170	23000	---	---	---

## LITTLE RIVER BASIN

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

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	30900	540	9510	39000	3080	20600	28700	290	4780	44500	7330	25100
2	25200	540	10100	41000	4410	22300	29700	500	7120	42200	1320	19700
3	35600	970	15500	35800	390	10500	26400	350	6090	31700	1880	13200
4	27300	280	8040	21400	280	4290	15700	470	5390	34300	11500	22800
5	24800	280	8180	20400	420	5230	27100	580	9750	31600	3620	17300
6	28600	830	11100	19100	350	5010	23600	330	6070	31200	3720	17300
7	33100	380	8500	16100	350	4520	20200	330	5220	29000	1780	14000
8	17600	300	4700	14100	350	4290	10600	340	3610	26100	1360	12700
9	25100	360	6370	15600	400	4130	9030	320	3020	31800	2730	16200
10	26900	400	6430	14900	270	3160	17400	240	4390	32200	2040	16300
11	10000	260	2480	18900	280	6970	26200	540	10500	38200	3380	18600
12	23700	260	5620	23600	670	8520	21700	1310	10800	34500	2880	19400
13	15400	360	4750	20500	630	6660	26600	1020	9850	---	---	---
14	17800	280	5450	18900	350	5860	24100	610	8510	---	---	---
15	17100	420	5630	19200	600	6810	21100	420	6730	---	---	---
16	13400	320	3290	15700	420	4530	24900	500	6650	---	---	---
17	8570	260	2190	22500	370	5420	24900	520	7320	---	---	---
18	15300	250	4420	22500	380	5880	25700	530	7720	---	---	---
19	21900	560	7660	21800	540	7080	24500	560	7940	---	---	---
20	22100	500	7920	29600	470	10400	24800	610	8260	---	---	---
21	18300	350	5140	16500	620	5790	29000	1050	12100	---	---	---
22	21700	410	7160	24400	450	8000	24100	570	9820	---	---	---
23	25100	430	10800	26700	450	9030	36700	570	17800	---	---	---
24	32700	690	14600	19200	360	5420	43600	7630	24400	---	---	---
25	35100	1110	13900	20000	360	5120	41300	7030	25500	---	---	---
26	40100	770	16000	23200	290	7620	46600	2920	23900	---	---	---
27	31900	750	12700	34000	610	11600	46600	5420	26600	---	---	---
28	40300	710	17700	41600	2050	19300	43200	1500	21600	---	---	---
29	---	---	---	44400	2810	21400	42900	780	15500	---	---	---
30	---	---	---	36000	1060	17500	42900	7390	24200	---	---	---
31	---	---	---	28700	500	10100	---	---	---	---	---	---
MONTH	40300	250	8420	44400	270	8810	46600	240	11400	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	35200	12100	24400	35900	15200	27600	9700	300	2920
2	---	---	---	33100	9800	22500	36200	15000	27100	24700	300	5980
3	---	---	---	31800	5000	20600	37300	13700	27400	22100	450	8510
4	---	---	---	34000	8900	22500	36800	14000	27600	21800	300	5060
5	30600	2950	16600	34400	4100	20500	42600	11300	27300	24200	260	4660
6	31800	2120	15500	36000	8300	21900	43300	12900	29700	33900	540	10000
7	34900	1320	16000	35100	9200	24100	46600	20300	33400	34100	940	12400
8	43400	9820	24800	34700	1900	18000	47500	19200	34400	32700	1320	13400
9	44500	12500	28600	37000	1700	16800	46800	15500	33700	35800	1010	15000
10	41500	4720	25400	38700	1500	16400	46200	11000	30800	38100	3290	19300
11	43000	2120	21700	45000	6100	21800	44300	10500	29200	36800	2360	18200
12	45600	3620	22200	47800	25700	36000	44300	12200	28600	39600	3710	21500
13	45300	5330	23600	47800	19200	34700	41300	10500	27700	32100	1970	16000
14	45400	10300	25700	43500	6100	26500	41700	11900	28400	27700	650	10400
15	46100	17900	30200	37600	6800	23700	38500	8300	25100	24200	510	8460
16	45100	17200	31900	39600	8400	25700	36900	3900	21100	23200	550	8250
17	45300	13600	30300	39500	8800	26300	36700	3200	19300	30600	960	11700
18	42000	8090	25600	42900	9580	28700	38500	3100	20800	30200	2250	15500
19	39000	4200	24400	42300	6110	25800	42500	9300	25500	28800	1600	14100
20	38800	3800	22700	42600	4700	24700	41700	13800	29700	25800	1800	12000
21	41500	2600	21000	41000	4540	24400	43000	14700	30600	26400	1600	11800
22	38200	3100	21600	41700	5400	23700	43200	18700	32600	25200	2000	12300
23	37100	800	13600	38700	1720	18900	39400	15000	30100	24500	1600	11400
24	39700	1100	14700	34700	1490	16200	40100	17000	30000	21800	1200	9750
25	40600	2300	17700	34700	2070	16400	40200	21400	31800	26400	1600	11600
26	40600	2100	17800	35900	7190	20700	40200	21200	32000	18500	500	6400
27	37100	2600	17500	35200	10600	23300	37500	13400	26500	21300	500	7520
28	35100	1500	15200	35200	11000	23000	35200	1600	15800	21900	400	6960
29	32100	4400	16100	33600	10700	21700	18400	700	5920	24700	600	8890
30	32000	8200	22200	33700	10300	23700	11500	400	3650	26900	800	11900
31	---	---	---	36600	16300	27100	14300	300	3540	---	---	---
MONTH	---	---	---	47800	1490	23200	47500	300	25700	39600	260	11100

## LITTLE RIVER BASIN

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

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	22.3	21.1	21.7	18.4	17.1	17.8	19.8	19.3	19.5	10.5	9.8	10.1
2	22.4	20.9	21.6	19.0	17.8	18.4	20.2	19.2	19.6	10.1	8.7	9.1
3	22.7	21.3	22.0	19.8	18.5	19.1	19.2	18.7	18.9	8.7	7.6	8.0
4	23.1	21.8	22.3	20.0	18.9	19.4	18.7	17.9	18.3	7.8	6.9	7.3
5	23.4	22.1	22.7	19.5	18.0	18.8	18.4	17.6	17.9	7.4	6.5	7.0
6	23.7	22.7	23.1	18.2	17.4	17.6	18.3	17.4	17.8	8.2	7.0	7.5
7	23.0	22.0	22.5	17.5	16.3	16.9	18.4	17.5	18.0	8.3	7.4	7.9
8	22.6	21.0	21.6	16.9	16.0	16.6	18.6	17.6	18.2	8.3	7.0	7.7
9	21.5	19.7	20.3	17.0	16.1	16.7	19.0	18.2	18.6	8.2	7.0	7.7
10	20.6	19.4	20.2	17.1	15.6	16.7	18.3	17.3	17.7	9.0	7.7	8.3
11	21.2	19.9	20.6	17.2	16.2	16.8	17.5	17.0	17.4	---	---	---
12	21.6	20.3	21.1	16.8	15.8	16.4	17.2	16.7	17.0	---	---	---
13	22.2	21.1	21.7	16.0	15.1	15.6	17.8	16.8	17.3	10.3	9.5	9.9
14	22.7	21.8	22.2	16.0	15.1	15.7	18.4	17.5	17.9	9.9	9.5	9.7
15	22.8	22.2	22.5	15.9	15.5	15.7	18.6	17.6	18.3	10.8	9.6	10.1
16	23.0	21.6	22.3	16.3	15.4	15.8	17.6	16.8	17.3	10.5	9.6	10.0
17	21.9	20.8	21.4	16.5	15.6	16.0	17.4	16.4	16.9	11.2	9.7	10.2
18	21.0	19.3	20.2	16.3	15.6	15.9	17.4	16.7	17.0	11.2	10.2	10.6
19	20.1	19.0	19.7	16.6	15.6	16.0	16.9	16.0	16.4	11.7	10.4	11.0
20	20.9	19.6	20.1	16.6	15.9	16.2	16.4	15.6	15.8	11.5	11.0	11.3
21	21.8	20.4	21.0	16.1	15.1	15.6	15.7	14.4	14.8	11.6	10.8	11.2
22	22.2	21.0	21.5	15.5	14.4	15.1	14.7	13.4	13.8	11.6	10.6	11.1
23	22.7	21.3	22.0	15.6	14.9	15.3	14.0	12.8	13.5	12.0	11.0	11.4
24	23.4	22.0	22.7	16.5	15.5	16.0	14.3	13.6	13.9	12.9	11.7	12.3
25	23.9	22.8	23.2	16.9	16.4	16.7	13.8	12.7	13.2	13.0	12.4	12.8
26	23.1	21.6	22.4	17.9	16.8	17.3	12.9	11.9	12.6	12.9	11.8	12.5
27	21.7	19.9	20.9	18.6	17.5	18.0	12.0	10.8	11.5	13.5	12.1	12.9
28	---	---	---	19.0	18.1	18.5	11.0	10.2	10.7	14.2	13.0	13.6
29	---	---	---	19.2	18.4	18.8	11.2	10.1	10.7	14.5	13.1	13.9
30	17.9	16.4	17.3	19.7	18.8	19.2	10.9	10.4	10.7	15.1	13.5	14.4
31	17.8	16.3	17.2	---	---	---	10.5	10.0	10.3	15.9	14.3	15.1
MONTH	---	---	---	20.0	14.4	17.0	20.2	10.0	15.9	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	16.6	15.3	15.9	12.1	10.5	11.3	22.1	20.4	21.1	24.4	22.1	23.1
2	16.2	15.2	15.8	11.9	10.8	11.3	22.2	20.6	21.2	25.2	22.9	23.8
3	15.2	14.2	14.5	13.3	11.6	12.6	22.8	20.9	21.8	25.6	23.7	24.5
4	14.7	13.0	13.9	13.0	12.3	12.7	22.2	20.1	20.9	24.8	23.4	23.8
5	13.2	11.5	12.1	12.8	11.2	11.9	20.3	18.9	19.7	23.6	22.4	23.2
6	12.2	10.6	11.3	13.4	11.1	12.1	19.7	18.1	19.1	24.2	22.3	23.2
7	11.8	10.3	11.4	13.7	11.6	12.7	19.1	17.3	18.5	24.7	23.1	24.0
8	12.2	10.9	11.6	14.5	12.6	13.6	19.5	17.9	18.8	25.6	23.7	24.8
9	12.5	11.1	11.9	15.8	14.1	15.0	21.0	18.7	19.8	26.4	24.7	25.5
10	13.0	11.8	12.4	16.9	15.5	16.1	20.7	19.9	20.3	27.2	25.4	26.3
11	13.8	12.6	13.1	16.2	15.0	15.8	21.0	19.2	20.2	26.4	25.4	26.1
12	13.6	12.2	12.9	16.2	14.8	15.7	21.7	19.9	20.8	27.3	25.3	26.2
13	13.1	12.5	12.9	17.1	15.5	16.4	22.2	20.8	21.5	---	---	---
14	13.1	12.1	12.6	17.7	16.0	16.9	23.1	21.6	22.2	---	---	---
15	12.4	11.9	12.1	18.6	16.5	17.5	23.9	22.2	22.9	---	---	---
16	12.9	11.8	12.3	19.1	17.6	18.3	24.6	22.7	23.5	---	---	---
17	13.1	11.9	12.3	19.0	18.3	18.6	25.4	23.5	24.2	---	---	---
18	12.5	11.3	11.8	19.4	18.1	18.6	25.8	23.9	24.7	---	---	---
19	12.8	10.8	11.7	18.6	17.8	18.3	25.9	24.1	24.9	---	---	---
20	13.0	11.6	12.3	19.5	17.3	18.2	26.0	24.0	25.0	---	---	---
21	14.2	12.5	13.3	18.9	18.3	18.5	26.2	24.3	25.3	---	---	---
22	13.8	12.9	13.5	18.3	17.0	17.6	26.3	24.6	25.6	---	---	---
23	13.8	12.5	13.0	17.4	15.8	16.8	25.8	23.8	24.7	---	---	---
24	13.0	11.6	12.4	17.6	15.8	16.9	25.1	22.6	24.0	---	---	---
25	13.4	11.4	12.5	18.5	16.6	17.7	24.6	22.2	23.6	---	---	---
26	14.0	11.8	13.1	19.9	17.6	18.8	24.0	21.6	23.0	---	---	---
27	13.5	11.9	13.1	20.4	18.8	19.5	23.1	21.0	22.3	---	---	---
28	12.5	10.8	11.8	20.0	17.8	19.1	24.1	21.3	22.7	---	---	---
29	---	---	---	20.2	17.9	19.1	24.8	22.5	23.7	---	---	---
30	---	---	---	20.2	18.7	19.6	23.6	22.4	23.1	---	---	---
31	---	---	---	21.3	19.3	20.3	---	---	---	28.2	26.1	26.9
MONTH	16.6	10.3	12.8	21.3	10.5	16.4	26.3	17.3	22.3	---	---	---

## LITTLE RIVER BASIN

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

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	28.9	26.8	27.6	30.4	28.3	29.3	31.6	30.4	31.0	26.8	26.0	26.3
2	29.4	27.2	28.2	30.4	28.6	29.5	31.2	30.2	30.9	27.1	25.6	26.2
3	29.2	28.0	28.6	30.3	28.8	29.7	30.9	29.7	30.5	28.0	25.8	26.7
4	29.6	28.0	28.9	30.4	29.0	29.8	30.3	29.2	29.7	28.6	26.5	27.3
5	30.2	28.5	29.2	31.0	29.3	30.2	30.1	28.8	29.3	28.9	27.2	27.9
6	30.1	28.8	29.4	31.1	30.0	30.5	30.2	28.8	29.6	28.7	27.7	28.3
7	29.3	28.0	28.9	30.5	29.6	30.1	29.6	28.6	29.1	28.4	27.6	28.1
8	28.0	26.6	27.4	30.5	29.0	29.8	29.0	27.8	28.4	28.2	27.4	27.6
9	27.8	26.1	27.0	30.7	29.5	30.1	29.0	27.4	28.1	27.6	26.8	27.1
10	28.1	26.3	27.2	31.0	29.4	30.1	28.7	27.3	28.0	27.5	26.3	26.8
11	28.6	26.7	27.6	30.2	28.8	29.6	28.9	27.4	28.1	28.0	26.5	27.0
12	29.3	27.4	28.2	28.9	27.5	28.4	29.3	27.7	28.2	27.4	26.5	26.9
13	29.9	28.1	28.8	28.9	27.5	28.0	29.1	27.8	28.3	27.3	26.0	26.7
14	30.0	28.6	29.1	29.3	28.0	28.5	28.8	28.1	28.4	27.2	26.7	27.0
15	29.7	28.6	29.1	30.0	28.5	29.0	29.3	27.8	28.5	27.8	26.6	27.2
16	29.7	28.4	29.0	30.7	28.9	29.6	29.5	28.4	29.1	28.0	27.0	27.5
17	29.0	28.2	28.7	31.0	29.4	30.2	30.0	28.6	29.3	28.4	27.3	27.8
18	28.6	27.8	28.1	31.4	29.9	30.7	30.5	28.9	29.7	28.4	27.5	27.9
19	28.0	27.0	27.3	31.7	30.2	31.0	30.9	29.3	30.2	28.2	27.2	27.7
20	27.2	26.4	26.7	31.9	30.6	31.2	31.2	29.9	30.6	28.4	27.4	27.9
21	26.4	25.7	26.1	31.7	30.5	31.1	31.5	30.2	30.9	28.8	27.4	28.1
22	26.3	25.4	25.9	32.0	30.7	31.3	31.9	30.4	31.1	28.9	27.6	28.2
23	27.0	25.6	26.2	31.4	30.4	30.9	31.8	30.4	31.1	28.7	27.9	28.2
24	28.3	26.5	27.4	31.0	29.8	30.3	32.0	30.4	31.1	28.1	26.9	27.4
25	29.3	27.5	28.3	31.1	29.6	30.2	31.9	30.5	31.0	27.1	26.4	26.7
26	29.6	28.1	28.7	31.4	30.0	30.5	31.1	30.2	30.6	27.5	26.2	26.6
27	29.0	28.1	28.5	31.4	30.0	30.5	30.3	29.6	29.9	27.9	26.6	27.1
28	29.5	27.9	28.5	31.6	30.2	30.8	29.6	28.5	28.9	28.4	27.1	27.6
29	30.0	28.0	28.7	31.9	30.4	31.0	28.7	27.9	28.2	28.0	27.0	27.4
30	29.8	28.4	29.0	32.2	30.4	31.1	28.0	26.6	27.2	27.5	26.4	27.0
31	---	---	---	32.4	30.8	31.3	27.0	26.2	26.6	---	---	---
MONTH	30.2	25.4	28.1	32.4	27.5	30.1	32.0	26.2	29.4	28.9	25.6	27.3

## LITTLE RIVER BASIN

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

## OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	8.1	7.1	7.7	6.5	5.8	6.2	11.7	11.2	11.4
2	---	---	---	7.7	7.1	7.5	6.6	6.0	6.3	12.2	11.4	11.9
3	7.1	5.8	6.6	7.6	6.8	7.3	6.8	6.3	6.5	12.7	12.1	12.4
4	7.2	6.0	6.7	7.4	6.5	7.2	7.0	6.5	6.7	13.0	12.3	12.8
5	7.1	5.9	6.7	7.5	6.5	7.1	7.2	6.6	7.0	13.3	12.9	13.1
6	6.9	6.2	6.6	7.3	6.8	7.1	7.4	6.9	7.2	13.3	12.9	13.1
7	6.9	5.7	6.6	7.3	6.7	7.1	7.4	7.0	7.2	13.3	12.9	13.0
8	7.1	6.0	6.7	7.3	6.5	7.1	7.5	7.2	7.4	13.2	12.7	13.0
9	7.2	6.2	6.9	7.3	6.8	7.1	7.8	7.1	7.6	13.3	12.8	13.0
10	7.7	6.4	7.2	7.2	6.8	7.0	8.0	7.4	7.8	13.2	12.6	12.8
11	7.7	6.3	7.1	7.0	6.5	6.9	8.2	7.7	8.0	---	---	---
12	7.4	6.1	6.9	7.0	6.4	6.9	8.2	7.5	8.0	---	---	---
13	7.0	5.9	6.6	7.0	6.5	6.9	8.2	7.7	8.0	12.2	12.0	12.1
14	6.7	5.8	6.3	7.1	6.5	6.9	---	---	---	12.3	11.8	12.0
15	7.1	5.8	6.5	7.2	6.5	6.8	---	---	---	12.0	11.6	11.8
16	6.8	5.9	6.4	7.1	6.6	6.9	---	---	---	12.1	11.3	11.8
17	7.0	6.0	6.6	7.0	6.4	6.8	---	---	---	12.1	11.3	11.8
18	7.2	6.3	6.9	7.0	6.4	6.8	---	---	---	11.8	11.5	11.7
19	7.3	6.5	7.0	7.0	6.4	6.7	---	---	---	11.9	11.4	11.7
20	7.6	6.6	7.1	7.0	6.3	6.7	---	---	---	11.6	11.3	11.6
21	7.6	6.4	7.0	7.1	6.5	6.8	9.3	8.7	9.0	11.7	11.2	11.5
22	7.2	6.3	6.8	7.1	6.5	6.9	9.5	9.0	9.3	11.6	11.1	11.4
23	7.0	6.0	6.6	7.0	6.5	6.9	9.7	9.2	9.5	11.6	11.0	11.4
24	6.9	5.7	6.4	7.0	6.5	6.9	9.7	9.4	9.6	11.4	10.8	11.2
25	7.3	5.8	6.7	6.9	6.3	6.7	10.0	9.5	9.8	11.1	10.8	10.9
26	7.5	6.0	6.8	6.8	6.3	6.6	10.2	9.7	9.9	11.2	10.8	11.0
27	7.3	6.1	6.8	6.8	5.9	6.5	10.7	10.1	10.4	11.0	10.6	10.8
28	---	---	---	6.7	5.9	6.4	11.1	10.6	10.9	10.8	9.9	10.4
29	---	---	---	6.6	6.0	6.4	11.2	10.7	11.0	10.0	9.6	9.8
30	8.3	7.1	7.7	6.5	6.0	6.3	11.6	10.8	11.2	9.8	9.3	9.5
31	8.2	7.0	7.7	---	---	---	11.5	11.2	11.3	9.6	9.1	9.3
MONTH	---	---	---	8.1	5.9	6.9	---	---	---	---	---	---
DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	9.4	8.2	9.1	9.9	8.2	9.3	7.9	6.0	7.1	8.0	7.1	7.5
2	9.3	7.5	8.8	10.0	8.3	9.5	7.6	6.4	7.2	7.6	7.0	7.4
3	9.4	7.7	8.8	10.0	8.3	9.4	7.4	6.4	6.9	7.4	6.8	7.2
4	9.5	7.5	8.9	9.9	8.1	9.2	7.5	6.4	7.0	7.3	6.9	7.2
5	9.9	8.0	9.4	10.0	8.4	9.3	7.8	6.6	7.3	7.6	7.1	7.4
6	10.0	8.3	9.5	10.0	8.6	9.5	7.9	6.6	7.4	7.5	7.0	7.3
7	10.0	8.3	9.5	10.1	8.4	9.4	8.0	6.9	7.7	7.4	6.7	7.2
8	9.9	8.2	9.5	9.9	8.4	9.3	8.0	6.9	7.6	7.4	6.9	7.3
9	9.9	8.2	9.2	9.7	8.1	9.1	7.7	6.7	7.3	7.4	6.8	7.2
10	9.7	8.0	9.1	9.6	8.0	9.1	7.3	6.4	7.0	7.4	6.6	7.1
11	9.4	7.8	8.9	9.7	8.0	9.1	7.4	6.4	7.1	7.1	6.3	6.8
12	9.4	7.5	8.7	9.9	8.2	9.3	7.3	6.6	7.0	7.1	6.1	6.7
13	9.2	7.5	8.7	9.8	8.3	9.3	7.3	6.7	7.0	---	---	---
14	9.2	7.4	8.7	---	---	---	7.2	6.4	6.9	---	---	---
15	9.2	7.1	8.6	---	---	---	7.0	6.5	6.8	---	---	---
16	9.1	7.0	8.5	9.3	8.7	9.1	6.9	6.4	6.7	---	---	---
17	9.1	7.0	8.5	9.1	7.8	8.7	6.8	6.1	6.5	---	---	---
18	9.3	7.2	8.5	9.1	8.0	8.6	6.8	6.2	6.5	---	---	---
19	9.3	7.5	8.6	9.0	7.7	8.5	6.9	6.3	6.6	---	---	---
20	9.3	7.3	8.5	9.1	7.7	8.6	6.9	6.3	6.7	---	---	---
21	9.1	7.1	8.5	8.9	8.2	8.5	6.9	6.0	6.5	---	---	---
22	9.0	7.0	8.4	9.0	8.4	8.6	7.0	6.1	6.7	---	---	---
23	9.1	7.3	8.5	9.0	8.2	8.7	7.3	6.4	6.8	---	---	---
24	9.3	7.4	8.7	9.0	8.2	8.7	7.7	6.2	7.0	---	---	---
25	9.2	7.2	8.7	8.8	7.5	8.5	7.5	7.0	7.3	---	---	---
26	9.3	7.6	8.7	8.6	7.2	8.2	8.2	7.0	7.5	---	---	---
27	9.5	7.5	8.7	8.3	6.9	7.9	7.8	7.2	7.6	---	---	---
28	9.7	8.4	9.1	8.3	6.8	7.8	7.9	7.4	7.6	---	---	---
29	---	---	---	8.2	6.7	7.5	8.0	7.5	7.7	---	---	---
30	---	---	---	8.0	6.4	7.2	8.0	7.4	7.7	---	---	---
31	---	---	---	7.6	6.0	6.9	---	---	---	---	---	---
MONTH	10.0	7.0	8.8	---	---	---	8.2	6.0	7.1	---	---	---

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

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	---	---	---	8.0	5.8	6.6	6.3	4.6	5.3	5.8	4.5	5.5
2	---	---	---	8.0	6.1	6.8	5.8	4.6	5.2	5.7	4.8	5.3
3	---	---	---	8.2	6.3	7.0	5.9	4.3	5.3	6.0	4.4	5.5
4	---	---	---	7.4	6.1	6.6	5.4	4.4	5.0	5.6	5.2	5.4
5	---	---	---	6.9	5.6	6.2	6.1	4.5	5.2	5.3	5.0	5.2
6	7.3	5.6	6.5	6.2	5.3	5.9	6.4	5.0	5.7	5.4	4.7	5.1
7	6.8	5.1	6.0	6.6	4.8	6.0	7.0	5.1	6.1	5.9	5.1	5.4
8	6.7	4.6	5.7	6.8	5.0	6.1	7.7	5.2	6.7	6.2	5.4	5.8
9	7.4	5.0	5.7	6.4	4.5	5.6	8.3	6.1	7.1	6.1	5.5	5.8
10	6.0	4.2	5.2	---	---	---	8.8	5.9	7.4	6.0	4.9	5.7
11	7.7	4.8	5.9	---	---	---	7.6	6.0	7.0	5.7	4.6	5.2
12	7.8	5.2	6.3	---	---	---	---	---	---	6.0	4.5	5.4
13	7.2	4.9	5.9	---	---	---	---	---	---	6.1	5.0	5.6
14	6.8	5.0	5.9	---	---	---	7.5	6.0	6.5	6.2	5.1	5.6
15	6.5	5.2	5.9	---	---	---	7.1	5.6	6.3	5.9	5.0	5.5
16	6.7	4.9	6.0	---	---	---	6.2	5.2	5.8	5.8	4.8	5.4
17	---	---	---	---	---	---	6.0	4.9	5.5	5.7	4.8	5.3
18	---	---	---	---	---	---	6.2	4.8	5.6	5.7	4.7	5.2
19	---	---	---	7.2	5.8	6.4	6.5	5.1	5.5	5.6	4.9	5.3
20	6.7	5.6	6.3	6.5	5.5	6.0	6.2	4.6	5.2	5.5	4.6	5.1
21	7.2	5.9	6.7	6.3	5.1	5.7	5.8	4.4	5.1	5.4	4.5	5.2
22	7.4	6.4	6.9	6.4	5.2	5.8	5.1	3.8	4.5	5.3	4.6	5.0
23	7.4	6.7	7.1	6.8	5.3	6.0	5.2	3.6	4.3	5.5	4.0	4.9
24	7.4	6.4	7.0	6.8	5.1	5.9	5.0	3.4	4.2	5.5	4.5	5.1
25	7.4	6.5	7.0	6.6	4.7	5.7	5.0	3.2	3.9	5.3	4.5	4.8
26	7.2	6.4	6.8	6.1	4.4	4.9	5.3	3.2	4.1	5.4	4.4	5.0
27	7.1	6.2	6.7	5.7	4.0	4.8	5.3	3.8	4.5	5.3	4.2	4.8
28	7.2	6.3	6.8	5.6	4.2	4.9	5.2	3.8	4.6	5.2	4.3	4.8
29	7.0	6.3	6.7	6.3	4.6	5.2	5.4	4.4	5.0	5.3	4.3	4.9
30	7.1	6.3	6.6	6.5	4.5	5.6	5.9	4.6	5.4	5.4	3.7	4.9
31	---	---	---	6.2	5.1	5.7	5.9	4.5	5.5	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	6.2	3.7	5.3

## WACCAMAW RIVER BASIN

02110802 WACCAMAW RIVER AT BUCKSPORT, SC--Continued

## WATER-QUALITY RECORDS

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 Aug. 12 to Aug. 28, which are poor. 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, 31.8°C, July 31; minimum, 6.4°C, Jan. 9.

DISSOLVED OXYGEN: Maximum, 11.8 mg/L, Jan. 11, 12; minimum, 2.5 mg/L, Sep. 5.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	22.0	20.9	21.4	18.3	17.2	17.8	18.4	17.7	18.1	10.1	9.6	10.0
2	21.5	20.5	21.1	18.8	17.8	18.4	18.6	18.0	18.3	9.8	8.6	9.2
3	21.6	20.6	21.1	19.1	18.3	18.8	18.3	17.7	18.0	8.6	7.5	8.0
4	21.8	20.8	21.3	19.2	18.7	18.9	17.7	17.3	17.5	7.6	7.2	7.4
5	21.8	21.1	21.5	18.9	18.1	18.5	17.7	17.2	17.4	7.3	6.8	7.1
6	22.1	21.5	21.8	18.1	17.1	17.6	17.6	17.0	17.3	7.6	6.8	7.2
7	21.7	21.0	21.4	17.2	16.5	16.9	17.8	17.1	17.4	8.0	7.2	7.6
8	21.0	20.2	20.7	17.1	16.3	16.6	17.9	17.3	17.6	7.8	6.8	7.4
9	20.4	19.6	20.0	16.9	16.4	16.6	18.2	17.8	18.0	7.7	6.4	7.2
10	20.3	19.6	19.8	16.9	16.2	16.5	17.8	17.1	17.4	8.2	7.0	7.6
11	20.7	19.8	20.2	16.8	16.2	16.5	17.1	16.6	16.9	---	---	---
12	20.9	20.2	20.5	16.4	16.0	16.2	16.6	16.4	16.5	---	---	---
13	21.2	20.5	20.9	16.0	15.3	15.6	17.2	16.5	16.8	8.9	7.8	8.4
14	21.6	20.9	21.3	15.9	15.3	15.6	17.8	17.1	17.4	8.6	8.0	8.4
15	21.8	21.2	21.5	16.0	15.5	15.8	18.0	17.4	17.8	9.0	8.2	8.7
16	21.8	21.0	21.4	16.4	15.5	15.9	17.6	16.5	17.1	9.0	8.4	8.7
17	21.2	20.1	20.5	16.4	15.6	16.0	16.9	16.3	16.6	9.3	8.6	8.9
18	20.2	19.2	19.6	16.1	15.8	15.9	17.0	16.5	16.8	9.5	8.9	9.3
19	20.0	18.8	19.4	16.2	15.6	15.9	16.7	16.0	16.4	10.1	9.2	9.6
20	20.2	19.2	19.7	16.2	15.9	16.0	16.3	15.4	15.9	10.5	9.9	10.2
21	20.6	19.8	20.2	15.9	15.2	15.6	15.5	14.7	15.1	10.3	9.7	10.0
22	20.8	20.3	20.6	15.2	14.7	15.0	14.7	13.9	14.2	10.5	9.7	10.1
23	21.2	20.5	20.9	15.2	14.8	15.1	14.0	13.3	13.7	10.7	9.9	10.3
24	22.1	21.0	21.4	16.0	15.2	15.5	14.2	13.4	13.8	11.8	10.2	11.0
25	22.5	21.6	21.9	16.4	15.9	16.1	13.7	12.3	13.1	12.0	10.7	11.5
26	21.8	20.9	21.4	17.1	16.2	16.6	12.8	11.7	12.2	11.5	10.0	10.8
27	20.9	19.7	20.3	17.5	16.5	17.0	11.8	11.0	11.4	11.4	10.2	10.8
28	19.7	18.7	19.1	17.7	16.8	17.3	11.1	10.7	10.9	12.4	10.2	11.5
29	18.7	17.8	18.2	17.9	17.0	17.5	11.2	10.6	10.9	12.7	10.4	11.8
30	18.1	17.2	17.6	18.2	17.4	17.8	10.9	10.4	10.7	13.1	10.8	12.0
31	18.0	17.0	17.5	---	---	---	10.4	9.9	10.2	13.5	11.4	12.5
MONTH	22.5	17.0	20.5	19.2	14.7	16.6	18.6	9.9	15.5	---	---	---

WACCAMAW RIVER BASIN

02110802 WACCAMAW RIVER AT BUCKSPORT, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	14.5	12.4	13.4	12.2	11.6	11.9	21.0	19.2	20.3	23.7	23.0	23.3
2	14.5	13.5	14.1	12.3	11.5	11.8	20.8	19.5	20.3	24.3	23.1	23.7
3	14.0	13.2	13.6	13.3	11.7	12.7	21.2	19.8	20.7	25.1	23.8	24.4
4	---	---	---	---	---	---	21.2	19.7	20.3	24.7	23.6	24.0
5	---	---	---	---	---	---	19.8	18.6	19.2	23.8	23.0	23.4
6	---	---	---	---	---	---	18.8	18.0	18.4	24.0	22.8	23.4
7	---	---	---	13.0	11.4	12.4	18.4	17.5	17.9	24.4	23.4	23.8
8	---	---	---	---	---	---	18.3	17.4	17.8	25.1	23.9	24.4
9	---	---	---	---	---	---	19.2	17.8	18.5	25.8	24.6	25.1
10	---	---	---	---	---	---	19.6	18.5	19.1	26.3	25.2	25.7
11	---	---	---	15.4	13.8	14.7	19.7	18.5	19.1	25.9	25.3	25.7
12	---	---	---	---	---	---	20.1	18.7	19.4	26.2	25.1	25.6
13	---	---	---	---	---	---	20.4	19.3	19.8	26.5	25.6	26.0
14	---	---	---	---	---	---	20.6	19.8	20.2	26.2	25.5	25.8
15	---	---	---	---	---	---	21.1	20.1	20.6	25.9	24.9	25.4
16	---	---	---	---	---	---	22.0	20.6	21.3	25.7	24.8	25.3
17	---	---	---	18.1	17.9	18.0	22.8	21.5	22.2	25.7	24.9	25.4
18	---	---	---	---	---	---	23.5	22.3	22.9	26.0	24.9	25.4
19	---	---	---	18.2	17.9	18.1	24.1	23.0	23.5	24.9	23.3	24.1
20	---	---	---	---	---	---	24.7	23.6	24.1	23.5	22.8	23.2
21	13.5	11.5	12.5	18.7	18.2	18.5	25.3	24.3	24.8	23.0	22.3	22.6
22	13.0	11.9	12.6	18.2	17.2	17.6	25.7	24.8	25.2	22.3	21.7	22.0
23	12.9	11.9	12.4	---	---	---	25.3	24.6	25.0	22.1	21.1	21.7
24	12.4	11.6	12.0	17.3	16.3	16.7	24.8	24.2	24.6	22.5	21.2	21.9
25	12.6	11.6	12.1	17.8	16.3	17.1	24.7	24.0	24.4	23.3	21.9	22.6
26	---	---	---	18.7	16.6	17.8	24.6	23.6	24.0	23.8	22.7	23.2
27	13.1	12.6	12.9	19.4	17.5	18.6	23.9	23.1	23.3	23.9	23.0	23.5
28	12.6	12.0	12.3	19.1	17.5	18.4	23.8	22.8	23.3	24.4	23.0	23.7
29	---	---	---	19.2	17.5	18.2	24.5	23.3	23.9	24.6	23.4	24.1
30	---	---	---	19.4	18.3	18.8	24.0	23.3	23.6	25.3	24.1	24.7
31	---	---	---	20.5	18.4	19.5	---	---	---	25.8	24.7	25.4
MONTH	---	---	---	---	---	---	25.7	17.4	21.6	26.5	21.1	24.1
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	26.7	25.4	26.0	29.1	28.2	28.6	31.3	30.7	31.0	25.6	25.3	25.5
2	27.2	26.0	26.6	29.7	28.5	28.9	31.2	30.5	30.8	25.6	25.1	25.3
3	27.9	26.8	27.3	29.6	28.6	29.1	30.8	30.2	30.4	25.9	25.0	25.4
4	27.8	27.1	27.4	30.0	28.9	29.3	30.2	29.6	29.8	26.3	25.3	25.8
5	28.3	27.2	27.7	---	---	---	29.9	28.9	29.3	26.5	25.8	26.2
6	28.7	27.5	28.1	---	---	---	29.9	28.8	29.4	26.7	26.0	26.4
7	---	---	---	---	---	---	29.8	28.6	29.0	26.6	26.0	26.4
8	---	---	---	---	---	---	29.1	27.6	28.1	26.5	25.9	26.2
9	---	---	---	---	---	---	28.3	27.0	27.6	26.4	25.6	26.0
10	---	---	---	---	---	---	27.8	26.6	27.2	26.7	25.5	26.0
11	---	---	---	---	---	---	27.7	26.5	27.1	26.8	25.7	26.3
12	---	---	---	---	---	---	27.8	26.6	27.2	26.5	25.8	26.2
13	---	---	---	29.0	28.1	28.6	28.0	26.9	27.4	26.3	25.6	26.0
14	---	---	---	29.0	28.0	28.5	27.9	27.1	27.4	26.2	25.8	26.0
15	---	---	---	29.2	28.4	28.8	28.2	27.1	27.6	26.2	25.8	26.0
16	---	---	---	29.8	28.8	29.2	28.4	27.6	28.0	26.7	25.9	26.2
17	---	---	---	30.1	29.3	29.6	28.9	27.9	28.3	27.0	26.2	26.6
18	---	---	---	30.6	29.6	29.9	29.4	28.2	28.8	27.0	26.6	26.8
19	---	---	---	31.0	29.8	30.3	29.8	28.7	29.2	27.0	26.5	26.8
20	---	---	---	31.2	30.1	30.6	29.8	29.1	29.5	27.2	26.5	26.9
21	---	---	---	30.6	30.2	30.4	30.0	29.3	29.7	27.2	26.6	27.0
22	26.4	25.5	25.8	30.5	29.9	30.3	30.2	29.5	29.9	27.3	26.6	27.0
23	26.3	25.1	25.6	30.4	29.6	29.9	30.4	29.5	30.0	27.4	26.8	27.1
24	26.6	25.6	26.2	30.0	29.0	29.4	30.6	29.7	30.2	27.1	26.5	26.8
25	27.0	26.2	26.6	29.7	28.7	29.3	30.8	29.8	30.2	26.5	25.9	26.2
26	27.1	26.6	26.8	30.5	29.3	29.8	30.1	29.0	29.6	26.2	25.6	26.0
27	27.4	26.7	27.0	30.5	29.5	30.0	29.3	28.6	28.9	26.6	25.9	26.3
28	28.0	26.9	27.5	30.8	29.9	30.4	28.6	26.9	27.5	27.1	26.3	26.6
29	28.2	27.4	27.9	31.2	30.2	30.7	27.1	26.4	26.8	26.8	26.3	26.6
30	28.6	27.8	28.3	31.5	30.5	31.0	26.5	25.5	26.0	26.4	25.8	26.2
31	---	---	---	31.8	30.9	31.2	25.8	25.4	25.6	---	---	---
MONTH	---	---	---	---	---	---	31.3	25.4	28.6	27.4	25.0	26.3



## WACCAMAW RIVER BASIN

02110802 WACCAMAW RIVER AT BUCKSPORT, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	6.3	5.7	6.0	6.9	6.6	6.8	6.8	6.3	6.6	10.4	9.8	10.1
2	6.1	5.6	5.9	6.8	6.5	6.7	6.6	6.3	6.5	10.7	10.0	10.3
3	5.9	5.3	5.6	6.7	6.4	6.5	6.9	6.3	6.6	11.1	10.5	10.8
4	5.7	5.3	5.4	6.7	6.3	6.5	6.7	6.3	6.6	11.1	10.6	10.9
5	5.6	5.1	5.3	6.9	6.3	6.6	6.6	6.3	6.5	11.3	10.8	11.1
6	5.6	5.1	5.3	7.2	6.6	6.9	6.5	6.3	6.4	11.5	10.8	11.2
7	5.9	5.2	5.6	7.1	6.6	6.9	6.5	6.3	6.4	11.3	10.9	11.1
8	6.0	5.5	5.7	7.1	6.6	6.9	6.4	6.2	6.3	11.6	10.8	11.2
9	6.1	5.7	5.9	7.1	6.7	6.9	6.5	6.3	6.4	11.7	10.9	11.2
10	6.0	5.5	5.8	7.1	6.7	7.0	7.0	6.4	6.6	11.6	11.0	11.3
11	5.9	5.4	5.7	7.2	6.8	7.0	7.0	6.8	6.9	---	---	---
12	5.8	5.4	5.7	7.4	6.9	7.2	6.8	6.6	6.7	---	---	---
13	5.6	5.2	5.4	7.6	7.1	7.4	6.8	6.5	6.6	11.6	11.0	11.4
14	5.6	4.9	5.3	7.6	7.4	7.5	6.7	6.3	6.5	11.5	10.9	11.2
15	5.5	4.8	5.1	7.6	7.2	7.4	6.8	6.2	6.4	11.4	10.7	11.1
16	5.4	4.8	5.1	7.6	7.2	7.3	7.1	6.4	6.7	11.2	10.8	11.0
17	5.3	4.7	5.0	7.4	6.9	7.1	7.2	6.5	6.8	11.1	10.4	10.9
18	5.6	4.9	5.2	7.3	7.0	7.1	7.2	6.9	7.0	10.9	10.5	10.7
19	5.8	5.2	5.4	7.2	6.8	7.0	7.4	6.8	7.0	10.9	10.4	10.7
20	5.5	5.0	5.3	7.0	6.8	6.8	7.4	7.0	7.1	10.7	10.4	10.6
21	5.3	4.9	5.1	7.2	6.8	6.9	7.5	7.1	7.2	10.7	10.3	10.5
22	5.1	4.7	5.0	7.0	6.8	6.9	8.0	7.2	7.6	10.5	10.0	10.3
23	5.1	4.6	4.9	7.0	6.8	6.9	8.3	7.5	7.9	10.4	9.8	10.2
24	5.2	4.7	4.9	6.9	6.7	6.9	8.4	7.8	8.2	10.3	9.8	10.1
25	5.7	4.8	5.2	6.8	6.6	6.8	9.0	8.1	8.5	10.4	9.7	10.0
26	5.8	5.2	5.5	6.9	6.7	6.8	9.3	8.3	8.8	10.6	9.5	10.2
27	6.2	5.4	5.8	7.0	6.7	6.8	9.3	8.7	9.0	10.6	9.8	10.3
28	6.6	5.8	6.3	6.9	6.7	6.8	9.7	9.1	9.4	10.4	9.5	10.0
29	6.8	6.4	6.6	7.0	6.6	6.8	9.8	9.3	9.6	10.0	9.4	9.8
30	6.9	6.6	6.8	7.0	6.5	6.7	10.0	9.5	9.8	9.9	9.1	9.6
31	7.0	6.6	6.8	---	---	---	10.2	9.7	10.0	9.8	9.3	9.5
MONTH	7.0	4.6	5.6	7.6	6.3	6.9	10.2	6.2	7.4	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	9.5	8.9	9.2	10.0	9.7	9.9	7.2	5.7	6.1	5.3	4.8	5.0
2	9.2	8.4	8.9	10.2	9.6	9.8	6.8	5.5	5.9	5.2	4.8	5.0
3	9.1	7.9	8.4	10.2	9.0	9.7	6.7	5.4	5.8	5.1	4.9	5.0
4	---	---	---	---	---	---	6.6	5.4	5.9	5.3	4.9	5.1
5	---	---	---	---	---	---	6.8	5.7	6.4	5.5	5.2	5.4
6	---	---	---	---	---	---	6.9	6.1	6.6	5.5	5.2	5.4
7	---	---	---	10.1	9.6	9.7	7.5	6.1	7.0	5.4	5.1	5.3
8	---	---	---	---	---	---	7.6	6.4	7.1	5.3	5.1	5.2
9	---	---	---	---	---	---	7.6	6.7	7.2	5.4	4.9	5.2
10	---	---	---	---	---	---	7.5	6.6	7.0	5.4	5.1	5.2
11	---	---	---	9.7	9.2	9.4	7.4	6.6	7.0	5.6	5.0	5.2
12	---	---	---	---	---	---	7.4	6.6	6.9	5.6	5.1	5.3
13	---	---	---	---	---	---	7.0	6.4	6.8	5.8	5.2	5.5
14	---	---	---	---	---	---	7.0	6.2	6.5	5.9	5.5	5.7
15	---	---	---	---	---	---	6.8	5.7	6.2	5.8	5.3	5.7
16	---	---	---	---	---	---	6.4	5.8	6.1	5.8	5.5	5.6
17	---	---	---	---	---	---	6.3	5.5	5.9	5.7	5.5	5.6
18	---	---	---	---	---	---	6.2	5.3	5.7	6.0	5.7	5.9
19	---	---	---	7.8	7.3	7.6	5.8	5.3	5.6	6.4	5.8	6.1
20	---	---	---	---	---	---	5.6	5.0	5.3	6.6	6.1	6.4
21	9.9	9.6	9.8	7.6	6.7	7.2	5.3	5.0	5.2	6.6	6.4	6.5
22	9.8	9.4	9.6	7.9	6.8	7.2	5.2	4.8	5.1	7.0	6.3	6.7
23	9.8	9.3	9.6	7.3	6.9	7.0	5.2	4.8	5.0	6.9	6.4	6.7
24	10.1	9.6	9.8	7.4	6.9	7.1	5.0	4.8	4.9	6.8	6.5	6.7
25	10.0	9.7	9.9	7.8	7.1	7.3	5.0	4.7	4.8	6.8	6.4	6.5
26	---	---	---	8.1	7.1	7.4	4.9	4.5	4.7	6.7	6.4	6.5
27	10.0	9.6	9.8	8.1	6.9	7.3	5.0	4.6	4.7	6.7	6.3	6.4
28	10.0	9.8	9.9	8.0	6.6	7.3	5.0	4.5	4.8	6.6	6.1	6.4
29	---	---	---	8.1	6.8	7.3	5.1	4.8	5.0	6.6	5.5	6.2
30	---	---	---	7.8	6.5	7.1	5.2	4.7	5.0	6.5	5.5	6.0
31	---	---	---	7.6	5.9	6.6	---	---	---	6.3	5.5	5.8
MONTH	---	---	---	---	---	---	7.6	4.5	5.9	7.0	4.8	5.8

## WACCAMAW RIVER BASIN

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02110802 WACCAMAW RIVER AT BUCKSPORT, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	6.5	5.4	5.8	5.8	5.3	5.5	5.8	4.9	5.2	4.4	3.8	4.2
2	5.9	5.3	5.6	5.7	5.3	5.5	5.3	4.2	4.9	4.0	3.5	3.8
3	6.0	5.3	5.6	5.8	5.2	5.5	5.5	4.6	5.1	3.7	3.1	3.5
4	6.0	5.4	5.7	5.8	5.3	5.5	5.4	4.7	5.1	3.3	2.6	3.1
5	6.2	5.5	5.7	---	---	---	5.5	5.0	5.3	3.2	2.5	2.9
6	6.5	5.3	5.7	---	---	---	5.3	4.9	5.1	3.2	2.9	3.0
7	---	---	---	---	---	---	5.6	4.7	5.2	3.4	3.0	3.2
8	---	---	---	---	---	---	5.7	5.0	5.4	3.4	2.9	3.2
9	---	---	---	---	---	---	5.8	5.0	5.5	3.8	3.0	3.4
10	---	---	---	---	---	---	6.1	5.3	5.6	3.6	3.0	3.4
11	---	---	---	---	---	---	5.8	5.4	5.6	3.4	2.9	3.2
12	---	---	---	---	---	---	5.9	5.5	5.7	3.5	2.7	3.1
13	---	---	---	5.5	5.0	5.3	5.9	5.2	5.5	3.5	2.9	3.2
14	---	---	---	5.5	5.0	5.3	5.5	5.2	5.4	3.6	2.8	3.3
15	---	---	---	5.6	5.1	5.3	5.4	5.1	5.2	3.7	2.8	3.2
16	---	---	---	5.7	4.7	5.2	5.3	5.0	5.2	3.8	3.0	3.3
17	---	---	---	5.8	4.7	5.2	5.3	5.1	5.2	3.5	2.8	3.1
18	---	---	---	5.4	4.3	4.9	5.3	4.9	5.1	3.3	2.9	3.1
19	---	---	---	5.7	4.4	4.9	5.1	4.9	5.0	3.2	2.9	3.0
20	---	---	---	5.5	4.6	5.1	5.1	4.7	4.9	3.3	2.8	3.1
21	---	---	---	5.3	4.6	5.1	4.9	4.4	4.8	3.3	2.9	3.1
22	5.4	4.8	5.1	5.4	4.5	5.0	4.8	3.9	4.4	3.3	3.0	3.2
23	5.5	5.1	5.2	5.5	4.5	5.1	4.8	4.4	4.6	3.3	2.9	3.1
24	5.4	5.0	5.2	5.5	4.9	5.3	4.8	4.5	4.7	3.3	3.0	3.1
25	5.3	4.9	5.1	5.8	5.0	5.4	5.0	4.6	4.7	3.4	3.0	3.2
26	5.4	5.0	5.2	5.8	5.0	5.5	4.9	4.5	4.7	3.6	3.2	3.4
27	5.4	5.0	5.2	5.8	4.8	5.5	4.7	4.4	4.6	3.6	3.0	3.3
28	5.6	5.1	5.4	5.8	5.0	5.4	5.3	4.4	5.0	3.1	2.6	2.9
29	5.5	5.3	5.4	5.8	5.1	5.5	4.8	4.4	4.6	3.1	2.6	2.8
30	5.5	5.2	5.3	5.8	5.0	5.4	4.7	4.2	4.5	3.1	2.8	3.0
31	---	---	---	5.8	5.1	5.4	4.4	4.1	4.3	---	---	---
MONTH	---	---	---	---	---	---	6.1	3.9	5.0	4.4	2.5	3.2

## LITTLE 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 September 2002.

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, 7.37 ft, Aug. 7, 2002, but may have been higher during periods of missing record; minimum gage height, 1.16 ft, Jan. 10, 2002, but may have been lower during periods of missing record.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 7.37 ft, Aug. 7, but may have been higher during periods of missing record; minimum gage height, 1.16 ft, Jan. 10, but may have been lower during periods of missing record.

## GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	---	---	---	6.52	2.46	4.59	6.33	1.94	4.14
2	---	---	---	---	---	---	6.54	2.44	4.56	6.29	1.80	4.16
3	---	---	---	---	---	---	6.72	2.73	4.78	6.71	2.63	4.71
4	---	---	---	---	---	---	6.64	2.72	4.76	6.00	1.67	3.94
5	---	---	---	---	---	---	6.40	2.52	4.48	6.07	2.19	4.30
6	---	---	---	---	---	---	6.23	2.33	4.30	6.00	1.45	4.25
7	---	---	---	---	---	---	6.15	2.41	4.34	5.35	1.40	3.48
8	---	---	---	---	---	---	6.32	2.72	4.61	5.42	1.32	3.60
9	---	---	---	---	---	---	6.22	2.61	4.62	5.68	1.54	3.55
10	---	---	---	---	---	---	6.63	3.01	5.29	5.35	1.16	3.29
11	---	---	---	---	---	---	6.69	3.02	4.95	---	---	---
12	---	---	---	---	---	---	6.46	2.33	4.63	---	---	---
13	---	---	---	---	---	---	6.67	2.54	4.72	5.58	1.81	3.65
14	---	---	---	---	---	---	6.63	2.44	4.61	6.06	1.72	3.93
15	---	---	---	---	---	---	6.26	2.25	4.27	5.86	1.89	3.83
16	---	---	---	---	---	---	6.53	2.57	4.61	5.90	1.85	3.86
17	---	---	---	---	---	---	6.56	2.77	4.77	5.74	2.09	3.87
18	---	---	---	---	---	---	6.11	2.21	4.04	5.44	2.00	3.71
19	---	---	---	---	---	---	6.44	2.72	4.59	5.98	2.39	4.14
20	---	---	---	---	---	---	5.79	2.14	4.01	5.57	1.80	3.70
21	---	---	---	---	---	---	5.82	2.57	4.20	5.84	2.21	4.21
22	---	---	---	---	---	---	5.97	3.00	4.51	5.43	2.40	4.01
23	---	---	---	---	---	---	6.07	3.08	4.69	---	---	---
24	---	---	---	---	---	---	5.96	2.43	4.33	---	---	---
25	---	---	---	---	---	---	6.14	2.41	4.66	---	---	---
26	---	---	---	---	---	---	6.42	2.88	4.76	---	---	---
27	---	---	---	---	---	---	5.92	2.04	4.11	---	---	---
28	---	---	---	---	---	---	6.08	2.01	4.28	6.39	1.93	4.24
29	---	---	---	---	---	---	6.09	2.00	4.13	---	---	---
30	---	---	---	6.46	2.50	4.60	6.30	1.77	4.15	6.41	1.79	4.17
31	---	---	---	---	---	---	6.40	2.01	4.24	---	---	---
MONTH	---	---	---	---	---	---	6.72	1.77	4.50	---	---	---



LITTLE RIVER BASIN

021108125 WACCAMAW RIVER NEAR PAWLEYS ISLAND, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water year 2002.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: November 2001 to September 2002.

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

REMARKS.--Specific conductance records good.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 18,800 microsiemens, Aug. 9, 2002; minimum, 110 microsiemens, June 30, 2002, July 2-4, 27, 2002.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 18,800 microsiemens, Aug. 9; minimum, 110 microsiemens, June 30, July 2-4, 27.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	---	---	---	10900	860	4610	310	260	278
2	---	---	---	---	---	---	10300	780	4090	300	260	273
3	---	---	---	---	---	---	11800	830	4610	3930	260	644
4	---	---	---	---	---	---	12000	990	5360	450	240	331
5	---	---	---	---	---	---	9700	730	3990	330	240	288
6	---	---	---	---	---	---	8050	580	2940	340	230	262
7	---	---	---	---	---	---	6710	590	2610	330	210	251
8	---	---	---	---	---	---	8390	640	3280	320	190	226
9	---	---	---	---	---	---	7240	650	3180	280	190	214
10	---	---	---	---	---	---	12000	710	5880	260	180	205
11	---	---	---	---	---	---	9240	620	3590	---	---	---
12	---	---	---	---	---	---	3970	330	1330	220	170	186
13	---	---	---	---	---	---	5640	360	1540	230	170	190
14	---	---	---	---	---	---	3060	310	927	220	170	187
15	---	---	---	---	---	---	750	250	441	230	170	185
16	---	---	---	---	---	---	980	230	398	190	170	179
17	---	---	---	---	---	---	2950	250	648	200	170	177
18	---	---	---	---	---	---	800	260	430	190	160	173
19	---	---	---	---	---	---	1830	260	459	180	160	170
20	---	---	---	---	---	---	480	270	368	190	170	172
21	---	---	---	---	---	---	390	260	327	190	170	172
22	---	---	---	---	---	---	400	260	319	180	170	173
23	---	---	---	---	---	---	400	270	325	---	---	---
24	---	---	---	---	---	---	340	270	298	200	170	177
25	---	---	---	---	---	---	320	260	285	---	---	---
26	---	---	---	---	---	---	1350	270	391	---	---	---
27	---	---	---	---	---	---	420	260	317	---	---	---
28	---	---	---	---	---	---	420	260	319	210	160	166
29	---	---	---	---	---	---	360	260	299	180	140	155
30	---	---	---	11300	920	5110	330	260	284	180	130	139
31	---	---	---	---	---	---	380	260	285	---	---	---
MONTH	---	---	---	---	---	---	12000	230	1750	---	---	---





## WACCAMAW RIVER BASIN

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

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	17.10	12.47	14.78	17.13	12.30	14.66	17.66	13.05	15.28	17.42	13.09	15.16
2	16.95	12.35	14.85	17.22	12.77	15.26	17.63	13.46	15.56	17.20	12.86	14.92
3	17.40	13.19	15.42	17.39	12.46	14.84	16.85	13.31	15.31	16.55	12.77	14.61
4	---	---	---	---	---	---	16.82	13.76	15.43	16.93	13.96	15.52
5	---	---	---	---	---	---	17.52	14.16	15.96	16.81	13.23	15.21
6	---	---	---	---	---	---	17.45	13.76	15.70	16.91	13.50	15.31
7	17.53	12.91	15.21	16.51	12.64	14.57	16.91	13.79	15.54	16.66	13.09	15.03
8	16.83	12.52	14.95	16.58	12.66	14.76	17.07	13.30	15.29	16.49	12.83	14.79
9	17.10	12.92	15.07	16.76	12.95	14.92	16.72	13.05	14.94	16.71	12.90	14.84
10	17.34	12.99	15.19	16.65	12.62	14.61	16.55	12.54	14.65	16.68	12.67	14.71
11	16.70	12.63	14.65	16.82	12.53	14.98	17.10	12.81	15.13	17.10	12.63	14.88
12	17.13	12.79	15.14	17.15	13.06	15.17	17.06	13.13	15.22	17.07	12.93	15.09
13	16.93	12.93	14.98	17.00	13.02	14.98	17.21	13.06	15.16	---	---	---
14	17.11	12.95	15.18	16.64	12.42	14.67	17.09	13.01	15.05	17.07	12.45	14.55
15	17.16	13.32	15.35	16.72	12.78	14.80	16.96	12.90	15.08	17.11	13.04	14.97
16	16.85	13.04	14.99	16.44	12.52	14.55	16.95	12.87	14.87	17.11	12.84	14.84
17	16.47	12.63	14.48	16.93	12.49	14.61	16.98	12.94	14.88	16.86	12.83	14.69
18	16.49	13.00	14.75	16.94	12.73	14.86	16.94	12.87	14.83	16.95	12.52	14.64
19	16.58	13.19	15.01	16.99	13.05	15.11	---	---	---	16.86	13.55	15.34
20	16.73	13.21	15.04	17.34	13.39	15.48	16.83	13.05	14.93	17.48	13.93	15.88
21	16.62	12.56	14.54	16.83	13.46	15.32	17.07	13.23	15.33	17.50	13.78	15.89
22	16.55	12.72	14.76	17.34	13.50	15.39	17.00	12.75	15.09	17.86	13.96	16.12
23	16.93	12.92	15.22	17.30	13.13	15.41	17.52	12.66	15.49	17.80	13.61	15.97
24	17.37	13.15	15.53	17.03	12.94	15.13	17.62	13.30	15.66	17.48	12.82	15.37
25	17.49	13.06	15.24	17.05	12.84	15.02	17.54	13.19	15.58	17.44	12.55	15.05
26	17.53	12.73	15.31	17.14	12.63	15.13	17.97	12.82	15.47	17.63	12.73	15.12
27	---	---	---	17.49	12.72	15.25	17.85	13.12	15.63	17.83	13.21	15.39
28	---	---	---	18.06	13.20	15.80	17.30	12.82	15.24	18.07	13.62	15.68
29	---	---	---	18.21	13.72	16.02	17.24	12.26	14.70	18.08	13.96	15.98
30	---	---	---	17.89	13.67	15.92	17.26	13.09	15.20	17.90	13.67	15.73
31	---	---	---	17.87	13.45	15.69	---	---	---	17.52	13.83	15.61
MONTH	---	---	---	---	---	---	---	---	---	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	17.30	13.66	15.48	16.70	13.08	14.98	17.21	13.88	15.69	17.41	14.31	15.95
2	17.05	13.54	15.43	16.54	13.07	14.97	17.44	13.95	15.89	17.93	14.22	16.21
3	17.24	13.83	15.83	16.57	13.00	14.95	17.61	14.18	16.07	17.96	14.24	16.30
4	17.34	14.00	15.88	16.81	13.13	15.12	17.69	14.28	16.16	17.70	13.59	15.83
5	17.06	13.69	15.66	16.85	13.00	15.05	18.01	14.16	16.16	17.59	13.04	15.45
6	17.05	13.51	15.42	16.38	12.35	14.62	18.06	14.02	16.24	18.04	13.40	15.75
7	17.24	13.24	15.33	16.51	12.81	14.74	18.41	14.44	16.55	18.02	13.51	15.90
8	17.74	13.89	15.93	16.27	12.13	14.27	18.36	14.20	16.40	17.81	13.51	15.84
9	17.87	13.93	16.00	16.19	11.77	13.99	18.16	13.86	16.19	17.94	13.48	15.81
10	17.66	13.51	15.73	15.95	11.30	13.60	17.91	13.67	15.93	18.01	13.80	15.98
11	17.55	13.20	15.43	---	---	---	17.84	13.52	15.69	17.80	13.57	15.80
12	17.54	13.26	15.36	---	---	---	17.65	13.48	15.53	18.02	13.98	16.11
13	17.45	13.21	15.29	17.08	12.48	14.75	17.34	13.22	15.40	17.61	13.87	15.82
14	17.45	13.44	15.40	16.71	12.02	14.31	17.40	13.26	15.44	17.23	13.44	15.40
15	17.62	13.62	15.68	17.06	11.98	14.64	17.22	13.16	15.30	17.03	13.26	15.24
16	17.69	13.89	15.83	17.17	13.10	15.28	17.08	13.04	15.11	16.81	13.06	15.01
17	17.63	13.81	15.77	17.18	13.01	15.27	16.87	12.77	14.94	17.29	13.12	15.20
18	17.36	13.71	15.67	17.44	13.21	15.49	16.98	12.68	14.86	17.50	13.50	15.57
19	17.56	13.41	15.77	17.25	12.88	15.26	17.17	12.83	14.99	17.54	13.68	15.71
20	17.56	13.43	15.76	17.35	12.68	15.07	17.13	13.08	15.15	17.54	13.77	15.76
21	17.70	13.40	15.67	17.53	13.00	15.30	17.19	13.03	15.13	17.48	13.81	15.80
22	17.67	13.42	15.70	17.42	13.20	15.35	17.30	13.28	15.28	---	---	---
23	17.38	12.85	15.22	17.18	12.75	15.10	17.00	13.06	15.07	---	---	---
24	17.29	12.64	14.98	17.01	12.60	14.83	16.98	13.12	15.08	---	---	---
25	17.21	12.72	14.94	16.94	12.63	14.73	17.19	13.25	15.26	---	---	---
26	16.96	12.69	14.77	17.08	12.76	14.85	17.15	13.68	15.49	---	---	---
27	16.92	12.59	14.57	17.08	13.07	15.05	16.89	13.50	15.31	17.57	14.48	16.06
28	16.69	12.36	14.28	16.82	13.00	14.89	17.01	13.69	15.46	17.43	13.93	15.79
29	16.33	12.37	14.36	16.68	12.90	14.82	16.87	13.56	15.35	17.60	14.36	16.07
30	16.42	12.73	14.77	16.55	12.97	14.98	17.26	13.91	15.70	17.79	14.51	16.24
31	---	---	---	16.91	13.28	15.28	17.47	14.07	15.90	---	---	---
MONTH	17.87	12.36	15.40	---	---	---	18.41	12.68	15.57	---	---	---



WATER-QUALITY RECORDS

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

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: May 1986 to current year.

pH: August 1986 to September 1989 (discontinued).

WATER TEMPERATURE: August 1986 to current year.

DISSOLVED OXYGEN: August 1986 to current year.

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

REMARKS.--Specific conductance records rated good. Temperature records rated excellent except for Sep. 9 to Sep. 18, which are good. Dissolved oxygen records rated poor except for Oct. 1 to Oct. 18, Feb. 8 to May 9, June 11 to June 20, which are excellent. Prior to Oct. 1, 1991, specific conductance values less than 100 microsiemens were not recordable. Dissolved oxygen concentrations are not corrected for salinity.

EXTREMES FOR PERIOD OF DAILY RECORD.--

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

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

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

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

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 28,100 microsiemens, Aug. 7; minimum, 110 microsiemens, Jan. 25, 28.

WATER TEMPERATURE: Maximum, 32.5°C, Aug. 22; minimum, 9.2°C, Feb. 18.

DISSOLVED OXYGEN: Maximum, 10.0 mg/L, Jan. 29; minimum, 2.5 mg/L, Aug. 12, 14.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	13200	400	4440	16800	8350	12300	24300	9910	16900	13400	550	5130
2	11200	540	5150	14900	6080	10700	24500	9040	16400	12500	500	5580
3	11000	790	5210	13200	5850	9530	25300	9100	16900	18400	2860	9060
4	8110	410	3380	13500	4680	9140	25300	9950	17900	7610	800	3920
5	7340	280	3030	14700	5780	9900	24300	7270	16300	9540	440	4790
6	7600	240	2960	15200	7810	11200	23000	7770	15100	8580	320	3020
7	11500	200	3900	14600	6940	10900	20400	7560	14600	440	270	326
8	14200	560	6820	14000	5840	10100	22900	8430	15800	1120	260	397
9	16300	5180	10800	13900	6260	10300	21100	9380	15800	3470	260	852
10	18100	6210	11900	15200	5940	11200	24700	7900	17100	1370	240	368
11	17400	6090	11900	14400	7490	11100	23200	5940	13900	1140	240	398
12	18000	5200	12000	16000	7460	12100	20300	3820	10400	3770	180	1170
13	20100	6990	13100	25000	9020	16500	21700	3390	11300	1740	220	504
14	20600	9050	14900	26700	14200	20300	15400	2240	8130	4820	210	1500
15	20800	7600	13400	26700	12700	20000	9760	930	4090	4920	220	1170
16	21300	8790	15300	27400	13600	20200	11900	470	6240	4700	210	1520
17	18900	7500	12800	25300	12300	19100	16700	2200	8380	5850	200	1810
18	20500	6010	13200	22300	5730	14400	13400	1040	5700	2210	130	608
19	22200	7030	14200	23700	6050	16800	11800	1130	6250	3840	130	1370
20	19000	6320	12400	22400	11600	17000	9990	330	4600	2620	150	908
21	19100	5110	11600	25400	12600	19200	7870	1520	5040	3750	160	1470
22	20100	3900	12200	22700	14000	19100	10200	2530	6410	5770	140	1340
23	19100	8210	13500	21500	13100	18100	13100	2510	7230	5670	220	2120
24	18300	8000	13800	22000	13100	18500	8970	1330	4420	5140	160	912
25	17100	7140	12200	22100	13100	18000	11500	820	6350	270	110	198
26	13500	4100	8980	21500	12000	16600	16100	2600	7640	2440	130	646
27	15400	5810	9920	---	---	---	11200	1010	5490	900	160	279
28	15900	6640	11100	---	---	---	11500	740	5620	220	110	176
29	17600	8360	13100	---	---	---	11700	880	4900	200	130	178
30	17900	8710	13400	---	---	---	13100	620	5910	190	150	170
31	17800	8560	13100	---	---	---	14100	750	5860	180	140	156
MONTH	22200	200	10400	---	---	---	25300	330	9890	18400	110	1680

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

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	170	150	153	2480	170	454	210	160	172	9270	230	2600
2	190	130	154	4260	170	1240	180	150	167	7760	190	2270
3	170	150	158	1930	160	421	190	150	167	1720	170	440
4	220	150	166	190	160	171	170	150	156	5730	190	2570
5	290	220	268	200	150	175	1210	150	251	6330	220	3190
6	290	260	275	190	170	182	1950	150	367	10800	420	6230
7	1220	260	614	180	160	171	930	150	273	9620	1570	5990
8	360	170	239	170	150	164	160	150	152	7500	590	3910
9	180	160	171	170	160	164	150	140	149	8060	430	3460
10	190	160	170	190	160	171	150	140	148	6550	430	2710
11	190	167	173	180	160	168	150	150	150	10400	250	2920
12	170	160	166	190	160	166	150	140	148	9340	350	4010
13	180	160	170	320	160	177	190	140	155	---	---	---
14	170	160	168	170	160	165	190	150	157	7080	200	1060
15	170	160	165	180	160	168	160	140	150	9540	250	2900
16	170	150	161	180	150	162	150	150	150	9540	350	4080
17	170	150	161	170	150	156	170	150	152	8730	300	3270
18	170	150	161	170	150	160	160	150	155	8610	220	2520
19	180	160	165	180	150	162	---	---	---	7200	250	3350
20	840	160	235	2860	180	687	160	140	156	14500	670	10100
21	810	160	246	230	160	186	330	140	169	18200	5190	11700
22	170	160	165	2780	150	465	200	140	159	20700	4720	12700
23	570	160	207	4180	150	758	6840	150	1330	20500	5780	13600
24	5610	160	2560	3760	160	558	9440	230	3040	16900	2380	9860
25	8370	180	2630	400	160	186	8640	270	2950	15400	1480	7430
26	7100	170	1840	190	150	164	10400	160	1870	17100	1500	7780
27	1970	180	353	190	160	170	8300	250	2480	20000	2050	8830
28	2220	170	244	3460	170	517	7730	190	1430	20000	2770	10000
29	---	---	---	3140	190	793	2770	160	502	21500	5160	12900
30	---	---	---	3060	180	526	3770	160	900	22200	4300	12400
31	---	---	---	270	160	191	---	---	---	19400	4620	11600
MONTH	8370	130	441	4260	150	323	---	---	---	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	17200	3620	9860	9210	1550	5300	12300	2040	7850	4950	351	2160
2	14500	2720	8510	9930	1720	6160	19100	6410	12200	7920	323	2580
3	15700	2720	10000	10500	1970	6430	22300	9610	15300	6600	400	2700
4	15400	6420	11200	11900	2690	7140	22400	11600	16900	2300	200	710
5	15700	2780	9610	11300	1720	6240	24500	10600	16800	600	200	277
6	13500	2900	8260	13700	1280	6310	25400	12700	18900	1900	200	344
7	---	---	---	15900	2420	7760	28100	15700	21000	1400	300	398
8	---	---	---	12000	1790	6590	26900	15600	21500	1800	300	542
9	---	---	---	9340	1840	5750	26900	12900	20900	1700	300	596
10	---	---	---	7260	1220	4170	26900	13300	19600	3500	300	1170
11	---	---	---	12600	1130	4570	24700	12000	18000	4100	300	1600
12	---	---	---	17200	3970	8630	22800	10800	16500	9500	300	3310
13	---	---	---	18500	3160	9850	19800	9860	15300	10000	500	4000
14	---	---	---	15300	1130	5530	20700	9150	15000	6500	300	2450
15	---	---	---	10400	900	5170	20700	7520	14200	4700	300	1560
16	---	---	---	11400	1080	6020	18200	6260	13100	2300	300	804
17	---	---	---	12200	1560	6620	16800	5530	11800	5200	300	1270
18	---	---	---	14600	1900	7680	17400	4800	11100	8100	300	2470
19	---	---	---	13300	1610	7340	19400	5380	11800	9600	500	3520
20	---	---	---	13600	1180	6200	19800	6550	13200	8700	500	4000
21	17200	3660	10600	14100	1400	6570	20600	7120	13600	8500	500	3940
22	15700	3640	10000	13000	1370	6600	22200	8700	14900	8700	600	3890
23	12300	1180	6410	11000	715	5160	21100	7670	14100	8100	500	3750
24	11100	910	4950	10300	557	3960	20600	7750	13700	10000	300	3720
25	10100	640	4210	8830	588	3170	20600	8620	13700	11300	700	5630
26	9070	380	3310	8780	610	3420	20100	9390	14500	10400	700	4780
27	8270	450	2810	---	---	---	18000	7670	13000	7700	500	3490
28	6920	340	1710	8460	852	3400	15700	2740	9080	4300	300	1550
29	4540	300	1360	7040	573	2900	10100	1330	5550	7900	200	2330
30	6720	340	2870	5850	515	2710	9700	1020	5480	11000	400	4510
31	---	---	---	8170	655	4380	8470	877	4490	---	---	---
MONTH	---	---	---	---	---	---	28100	877	14000	11300	200	2470

## WACCAMAW RIVER BASIN

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

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	22.8	21.3	22.2	19.4	17.8	18.3	---	---	---	---	---	---
2	23.3	21.2	22.1	20.0	18.1	18.6	---	---	---	---	---	---
3	23.4	21.3	22.1	19.8	18.4	18.8	---	---	---	---	---	---
4	23.8	21.3	22.2	19.7	18.6	18.9	---	---	---	---	---	---
5	23.0	20.9	22.1	19.0	17.6	18.4	---	---	---	---	---	---
6	23.0	21.6	22.3	18.2	16.2	17.6	---	---	---	---	---	---
7	22.4	20.4	21.6	18.0	16.4	17.5	---	---	---	---	---	---
8	21.8	20.1	21.2	18.3	16.6	17.4	---	---	---	---	---	---
9	21.1	19.4	20.6	18.4	16.6	17.4	---	---	---	---	---	---
10	21.3	19.9	20.6	18.5	16.9	17.5	---	---	---	---	---	---
11	21.6	20.4	20.8	18.2	16.8	17.4	---	---	---	---	---	---
12	21.9	20.5	21.1	17.6	16.5	17.1	---	---	---	---	---	---
13	22.6	20.8	21.4	16.9	15.5	16.3	---	---	---	---	---	---
14	22.5	21.3	21.7	16.8	15.4	16.1	---	---	---	---	---	---
15	22.7	21.2	21.8	16.4	15.8	16.1	---	---	---	---	---	---
16	22.9	20.8	21.7	17.1	15.2	16.0	---	---	---	---	---	---
17	21.8	20.1	20.9	16.8	15.6	16.1	---	---	---	---	---	---
18	21.1	19.5	20.2	16.3	15.6	16.0	---	---	---	---	---	---
19	20.6	18.8	19.9	16.6	15.5	16.0	---	---	---	---	---	---
20	20.9	19.7	20.2	16.5	15.5	16.1	---	---	---	---	---	---
21	21.3	20.2	20.6	16.1	14.6	15.6	---	---	---	---	---	---
22	21.3	20.5	20.9	15.9	14.7	15.6	---	---	---	---	---	---
23	21.9	20.6	21.2	16.5	15.4	15.9	---	---	---	---	---	---
24	22.7	21.2	21.7	17.0	15.9	16.3	---	---	---	---	---	---
25	23.6	21.3	22.2	17.4	16.2	16.6	---	---	---	---	---	---
26	21.9	20.0	21.1	18.8	16.5	17.0	---	---	---	---	---	---
27	21.3	18.9	20.5	---	---	---	---	---	---	---	---	---
28	20.5	18.2	19.4	---	---	---	---	---	---	---	---	---
29	19.4	18.0	18.8	---	---	---	---	---	---	---	---	---
30	19.8	17.8	18.5	---	---	---	---	---	---	12.0	10.8	11.3
31	18.7	17.5	18.1	---	---	---	---	---	---	12.5	11.3	11.7
MONTH	23.8	17.5	21.0	---	---	---	---	---	---	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	13.6	11.9	12.6	12.9	10.4	11.4	20.8	19.1	19.7	23.8	22.8	23.3
2	13.3	12.0	12.8	12.9	11.2	11.7	20.4	19.0	19.6	24.7	22.9	23.8
3	12.8	11.9	12.6	13.6	11.9	12.7	20.7	19.4	19.9	25.6	23.6	24.3
4	13.8	11.9	12.6	12.4	10.2	11.8	19.9	18.5	19.3	24.1	23.2	23.7
5	13.0	11.3	12.1	12.0	10.2	11.1	19.5	18.1	18.8	24.1	21.9	23.2
6	12.2	11.0	11.8	12.1	10.1	11.3	19.5	17.5	18.4	25.1	22.7	23.6
7	12.3	11.2	12.0	13.1	10.9	11.8	18.7	16.8	18.0	25.5	23.3	23.9
8	12.6	10.8	11.5	13.4	11.6	12.3	18.9	17.0	17.8	26.0	23.5	24.4
9	12.7	10.2	11.2	13.8	12.2	12.8	19.6	17.5	18.3	26.7	23.8	24.9
10	12.4	10.8	11.3	15.2	12.7	13.4	18.9	18.1	18.4	27.4	24.4	25.4
11	13.1	10.5	11.2	14.2	12.5	13.1	20.2	17.9	18.6	26.3	25.1	25.5
12	11.7	9.8	10.8	14.0	12.6	13.3	19.6	18.4	18.9	26.9	25.0	25.8
13	11.2	9.8	10.6	16.8	13.5	14.4	20.4	18.4	19.2	---	---	---
14	11.4	9.8	10.6	15.2	13.8	14.5	20.4	19.2	19.7	26.9	24.7	25.8
15	10.7	9.8	10.4	16.4	14.1	15.0	21.4	19.4	20.4	27.0	24.7	25.5
16	11.7	10.1	10.6	17.8	15.0	16.2	22.2	20.4	21.2	26.4	24.5	25.4
17	11.7	9.8	10.6	17.4	16.3	16.8	23.0	21.0	21.8	26.0	24.6	25.4
18	11.2	9.2	10.2	18.8	16.6	17.2	23.6	21.6	22.4	27.0	24.5	25.5
19	11.0	9.3	10.2	17.7	16.9	17.2	24.0	22.2	23.2	25.0	22.9	23.9
20	11.8	10.0	10.9	18.9	17.0	17.8	25.6	22.7	23.7	23.9	21.6	23.1
21	13.6	11.2	12.0	18.1	16.8	17.8	26.2	23.5	24.5	24.3	21.5	22.8
22	12.1	11.3	11.6	17.9	16.2	17.2	26.7	23.8	24.8	22.8	21.5	22.1
23	11.4	10.5	11.2	17.5	15.9	16.7	25.2	23.5	24.2	22.9	21.1	21.8
24	11.9	10.2	11.2	17.7	15.9	16.8	25.4	23.4	24.2	24.2	21.3	22.3
25	12.2	10.0	11.2	17.8	16.0	17.1	25.4	23.7	24.2	24.8	21.8	22.7
26	13.6	11.1	12.2	18.6	16.9	17.6	24.6	22.8	23.7	25.2	22.5	23.2
27	13.2	10.5	11.8	19.1	17.5	18.1	23.5	23.1	23.3	24.9	22.9	23.6
28	12.7	10.1	11.3	19.0	16.5	17.7	25.0	23.0	23.6	26.0	23.2	24.0
29	---	---	---	19.5	17.1	18.1	26.2	23.3	24.1	25.5	23.6	24.3
30	---	---	---	19.2	18.1	18.7	23.8	22.7	23.3	25.9	24.0	24.8
31	---	---	---	20.3	18.6	19.2	---	---	---	26.8	24.4	25.3
MONTH	13.8	9.2	11.4	20.3	10.1	15.2	26.7	16.8	21.2	---	---	---

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

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	27.2	25.0	25.9	28.8	27.4	28.2	30.9	29.2	30.3	27.0	26.2	26.6
2	28.6	25.4	26.6	29.3	27.7	28.5	31.7	29.7	30.4	26.7	25.8	26.3
3	27.4	26.1	26.7	30.4	28.0	28.7	31.0	29.4	30.1	26.8	25.9	26.4
4	28.4	26.6	27.2	30.7	28.1	29.0	30.1	28.8	29.7	27.1	26.1	26.7
5	28.9	26.8	27.5	31.8	28.5	29.4	30.1	28.7	29.2	28.0	26.2	27.0
6	29.1	27.1	27.8	30.3	29.1	29.6	31.1	28.7	29.5	27.7	26.4	27.1
7	---	---	---	30.5	29.1	29.6	29.6	28.4	28.9	27.8	26.1	27.1
8	---	---	---	31.8	28.8	29.6	29.1	27.6	28.3	27.4	26.1	26.9
9	---	---	---	30.9	29.0	29.7	29.0	27.4	28.1	27.6	26.2	26.8
10	---	---	---	31.3	28.7	29.7	28.8	27.1	27.8	27.7	26.1	26.8
11	29.2	27.0	27.8	30.8	28.9	29.5	29.0	27.1	27.9	27.8	26.1	27.0
12	29.3	26.7	27.6	29.3	27.1	28.4	28.8	27.2	27.9	27.3	26.6	27.0
13	29.2	27.1	27.9	29.0	27.8	28.5	28.4	27.4	28.0	27.8	26.7	27.1
14	28.4	27.5	28.0	29.6	28.1	28.8	28.4	27.6	27.9	27.4	26.8	27.1
15	28.9	27.4	28.1	29.4	28.3	28.9	28.4	27.5	28.0	27.3	26.6	27.0
16	28.9	27.0	28.0	30.4	28.5	29.3	30.0	27.7	28.4	27.9	26.6	27.1
17	28.8	27.3	28.0	30.0	29.0	29.6	29.5	28.0	28.6	27.8	26.8	27.3
18	28.1	27.2	27.7	31.4	29.5	30.0	30.3	28.0	29.0	27.5	27.1	27.3
19	27.8	26.8	27.4	31.6	29.7	30.3	31.0	28.2	29.3	28.4	26.7	27.3
20	27.2	26.1	26.8	31.7	29.8	30.6	31.6	28.6	29.5	28.3	26.8	27.4
21	26.7	26.0	26.4	31.2	30.1	30.6	31.2	28.9	29.6	28.5	26.6	27.5
22	26.2	25.6	26.0	31.2	29.8	30.5	32.5	29.0	29.9	28.1	26.6	27.4
23	26.8	25.6	25.9	30.8	29.6	30.0	31.8	29.0	29.9	28.2	26.9	27.5
24	27.8	25.6	26.3	30.0	29.1	29.6	31.8	29.1	30.0	27.6	26.7	27.1
25	28.0	26.1	26.7	31.3	28.9	29.7	31.6	29.0	29.9	27.3	26.2	26.7
26	27.5	26.5	27.0	32.2	29.2	29.8	29.9	28.5	29.4	27.4	26.1	26.6
27	28.0	26.7	27.3	---	---	---	29.5	28.3	29.1	27.3	26.5	26.9
28	29.6	26.9	27.9	31.3	29.4	30.1	29.2	27.3	28.4	27.4	26.6	27.0
29	28.8	27.2	27.8	31.5	29.5	30.3	28.5	27.4	28.0	27.2	26.6	26.9
30	28.5	27.3	28.0	32.1	29.6	30.6	28.0	27.1	27.6	27.1	25.8	26.7
31	---	---	---	32.2	29.6	30.6	27.6	26.5	27.3	---	---	---
MONTH	---	---	---	---	---	---	32.5	26.5	28.9	28.5	25.8	27.0

## WACCAMAW RIVER BASIN

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

## OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	6.0	5.3	5.6	---	---	---	---	---	---	---	---	---
2	6.1	5.4	5.6	---	---	---	---	---	---	---	---	---
3	5.9	5.4	5.6	---	---	---	---	---	---	---	---	---
4	6.0	5.5	5.6	---	---	---	---	---	---	---	---	---
5	5.8	5.4	5.5	---	---	---	---	---	---	---	---	---
6	6.2	5.4	5.7	---	---	---	---	---	---	---	---	---
7	6.4	5.7	6.1	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	6.2	5.2	5.8	---	---	---	---	---	---	---	---	---
14	6.2	5.0	5.7	8.7	6.9	8.0	---	---	---	---	---	---
15	6.4	4.8	5.6	8.7	7.2	7.9	---	---	---	---	---	---
16	6.1	5.0	5.7	8.5	7.2	7.9	---	---	---	---	---	---
17	6.2	4.9	5.6	8.4	6.9	7.6	---	---	---	---	---	---
18	6.4	4.7	5.7	8.2	6.2	7.4	---	---	---	---	---	---
19	6.5	5.0	5.8	8.2	6.2	7.1	---	---	---	---	---	---
20	6.5	4.8	5.7	8.0	6.6	7.3	---	---	---	---	---	---
21	6.4	4.9	5.5	8.2	6.7	7.5	---	---	---	---	---	---
22	6.2	5.0	5.5	7.4	6.5	7.0	---	---	---	---	---	---
23	6.5	5.0	5.6	7.5	6.3	6.6	---	---	---	---	---	---
24	6.5	5.1	5.7	7.6	6.1	6.8	---	---	---	---	---	---
25	6.6	5.2	6.0	7.6	5.6	6.4	---	---	---	---	---	---
26	6.5	5.5	6.1	7.4	5.9	6.6	---	---	---	---	---	---
27	6.7	5.6	6.1	---	---	---	---	---	---	---	---	---
28	7.6	5.7	6.7	---	---	---	---	---	---	---	---	---
29	7.4	6.2	6.8	---	---	---	---	---	---	---	---	---
30	7.5	6.2	6.8	---	---	---	---	---	---	9.7	9.4	9.5
31	7.3	6.3	6.9	---	---	---	---	---	---	9.5	8.6	9.1
MONTH	---	---	---	---	---	---	---	---	---	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	9.0	8.8	8.9	9.2	8.8	9.0	6.4	6.0	6.2	5.5	5.0	5.2
2	9.8	8.7	9.0	9.2	8.9	9.0	6.4	6.1	6.2	---	---	---
3	9.0	8.3	8.8	9.2	8.7	8.9	6.2	5.8	6.0	5.3	5.0	5.1
4	9.3	8.6	8.9	9.3	8.8	9.0	6.5	6.1	6.3	5.9	5.1	5.3
5	---	---	---	9.2	8.9	9.0	6.5	6.1	6.3	6.0	5.4	5.7
6	---	---	---	9.2	8.9	9.1	6.4	6.1	6.2	5.8	5.3	5.5
7	---	---	---	9.0	8.7	8.9	6.4	6.1	6.2	5.7	5.2	5.4
8	---	---	---	8.9	8.6	8.8	6.6	6.1	6.4	5.5	5.1	5.3
9	8.6	8.4	8.5	9.0	8.7	8.9	6.7	6.2	6.5	5.8	5.0	5.4
10	9.0	8.5	8.8	9.0	8.7	8.9	6.7	6.5	6.6	5.9	5.0	5.5
11	9.6	8.9	9.4	9.1	8.7	9.0	6.8	6.5	6.7	5.8	4.9	5.4
12	9.8	9.4	9.5	9.1	8.8	9.0	6.7	6.3	6.5	5.8	5.0	5.4
13	9.7	9.3	9.5	9.0	8.6	8.8	6.5	6.0	6.2	---	---	---
14	9.8	9.4	9.6	8.8	8.3	8.5	---	---	---	6.2	5.1	5.8
15	9.7	9.5	9.6	8.5	7.7	8.0	5.8	5.4	5.5	6.4	5.2	5.8
16	9.5	9.2	9.4	8.0	7.1	7.5	5.5	5.3	5.4	6.2	5.1	5.7
17	9.8	9.1	9.4	7.4	6.9	7.1	5.6	5.2	5.4	6.1	5.3	5.7
18	9.7	9.4	9.5	7.2	6.8	6.9	5.6	5.2	5.4	6.4	5.6	5.9
19	9.6	9.3	9.4	7.1	6.5	6.9	5.7	5.2	5.4	6.5	5.8	6.1
20	9.7	9.2	9.4	7.1	6.6	6.9	5.5	4.8	5.2	6.3	5.8	6.0
21	9.6	9.0	9.3	7.0	6.7	6.9	5.3	4.6	5.0	6.7	5.9	6.2
22	9.2	8.9	9.0	7.3	6.7	7.0	5.3	4.7	5.0	6.8	6.1	6.5
23	9.2	8.8	8.9	7.0	6.6	6.8	5.4	4.6	4.9	6.9	5.9	6.5
24	9.2	8.9	9.0	6.8	6.5	6.7	5.4	4.9	5.1	6.7	6.0	6.4
25	9.0	8.7	8.9	6.6	6.3	6.5	5.4	4.9	5.2	6.6	6.0	6.3
26	8.9	8.5	8.7	6.6	6.3	6.4	5.6	5.0	5.3	6.6	5.7	6.2
27	9.5	8.7	9.1	6.7	6.2	6.4	5.5	4.8	5.0	6.3	5.6	6.0
28	9.2	8.9	9.1	6.8	6.2	6.6	5.3	4.8	5.1	6.4	5.7	6.0
29	---	---	---	6.5	6.3	6.4	5.9	5.0	5.4	6.3	5.5	6.0
30	---	---	---	6.6	6.1	6.3	5.5	5.1	5.3	6.4	5.5	6.0
31	---	---	---	6.4	5.8	6.2	---	---	---	6.1	5.4	5.7
MONTH	---	---	---	9.3	5.8	7.8	---	---	---	---	---	---

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

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	---	---	---	5.6	4.6	5.2	5.0	3.6	4.3	5.2	4.2	4.6
2	---	---	---	5.7	4.7	5.2	4.9	3.1	4.0	5.2	4.4	4.8
3	---	---	---	6.2	4.7	5.2	5.1	3.2	4.0	4.8	3.9	4.4
4	---	---	---	6.7	4.7	5.3	4.4	3.5	4.0	4.0	3.6	3.8
5	5.8	4.4	4.9	6.7	5.0	5.5	4.4	3.5	3.9	3.7	3.4	3.5
6	5.5	4.4	5.1	5.9	5.0	5.3	4.8	3.2	3.8	4.0	3.4	3.6
7	---	---	---	6.3	5.0	5.5	5.4	3.6	4.3	4.2	3.5	3.9
8	---	---	---	7.1	5.0	5.7	5.0	3.6	4.1	4.3	3.9	4.1
9	---	---	---	6.8	5.1	5.6	4.5	3.4	3.8	4.1	3.4	3.8
10	---	---	---	7.1	5.2	5.7	4.1	3.1	3.5	4.1	3.3	3.6
11	---	---	---	6.8	4.0	5.4	3.5	2.8	3.1	3.8	3.1	3.5
12	7.6	5.4	6.2	5.8	4.1	5.1	3.6	2.5	3.1	4.1	3.1	3.6
13	7.4	5.5	6.2	5.8	4.4	5.1	3.6	2.6	3.0	4.2	3.4	3.7
14	6.9	5.8	6.2	6.0	4.5	5.1	3.9	2.5	3.1	4.2	3.5	3.7
15	6.9	5.3	6.1	5.1	4.2	4.8	5.0	3.3	4.1	4.5	3.7	4.0
16	7.4	5.1	5.9	5.5	3.5	4.4	5.6	3.4	4.5	4.5	3.8	4.1
17	6.9	5.1	5.8	4.8	3.6	4.3	5.5	3.8	4.7	4.3	3.7	4.0
18	6.0	4.9	5.3	5.8	3.6	4.4	5.8	4.4	4.9	4.1	3.5	3.7
19	5.7	4.7	5.0	6.0	4.3	5.0	5.4	4.4	5.0	3.6	2.8	3.2
20	5.8	4.8	5.2	6.0	4.8	5.3	5.1	3.8	4.6	3.3	2.6	2.9
21	6.2	4.7	5.5	5.6	4.5	5.1	4.7	3.8	4.2	3.3	2.6	3.0
22	6.3	5.1	5.8	6.2	4.5	5.1	4.5	3.4	3.9	3.2	2.8	3.0
23	5.8	4.9	5.3	5.5	3.0	4.5	4.7	3.5	4.1	3.2	2.6	2.8
24	5.4	4.5	5.0	4.0	2.8	3.3	4.6	3.4	4.1	3.3	2.6	3.0
25	5.4	4.4	4.8	5.1	3.3	4.2	4.7	3.2	3.9	3.7	2.8	3.3
26	5.1	4.1	4.7	5.4	3.8	4.5	4.2	3.0	3.5	3.9	3.1	3.5
27	5.1	3.7	4.6	---	---	---	4.2	2.9	3.5	3.8	3.1	3.5
28	5.2	3.3	4.4	5.3	4.2	4.7	4.5	3.1	3.7	3.8	3.2	3.5
29	5.3	3.1	4.2	5.8	4.1	4.9	4.8	3.4	3.9	3.5	2.8	3.2
30	5.4	3.5	4.7	5.8	4.3	5.0	4.7	3.6	4.0	3.7	2.8	3.2
31	---	---	---	5.7	4.1	4.9	5.1	3.8	4.5	---	---	---
MONTH	---	---	---	---	---	---	5.8	2.5	4.0	5.2	2.6	3.6

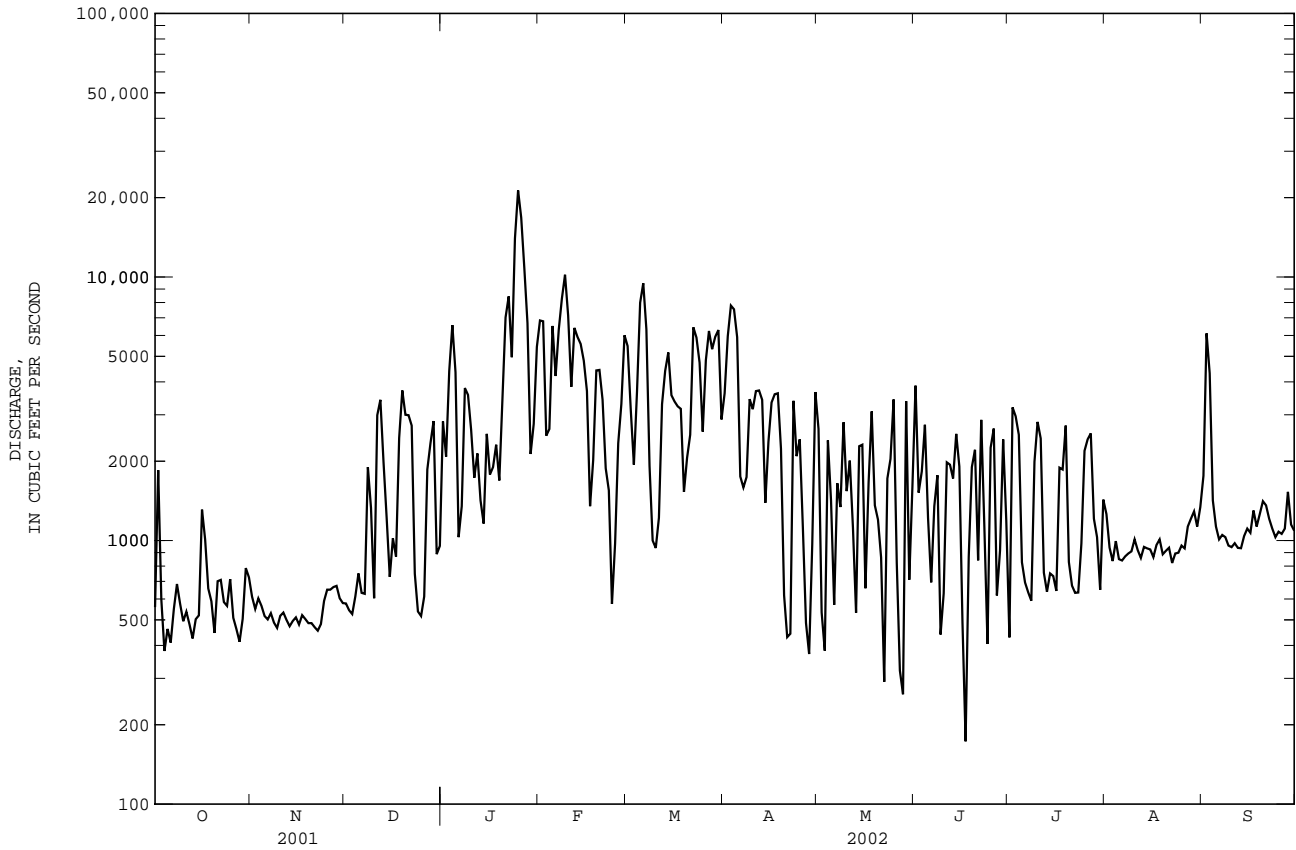


02130561 PEE DEE RIVER NEAR BENNETTSVILLE, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1991 - 2002	
ANNUAL TOTAL	1011894		782959		7612	
ANNUAL MEAN	2772		2145		11830	
HIGHEST ANNUAL MEAN					2145	
LOWEST ANNUAL MEAN					77400	
HIGHEST DAILY MEAN	31800	Mar 31	21300	Jan 25	77400	Feb 19 1995
LOWEST DAILY MEAN	286	Aug 13	173	Jun 17	173	Jun 17 2002
ANNUAL SEVEN-DAY MINIMUM	486	Nov 16	486	Nov 16	486	Nov 16 2001
MAXIMUM PEAK FLOW			22400		Jan 25	a 88200
MAXIMUM PEAK STAGE			70.98		Jan 25	a 87.51
ANNUAL RUNOFF (CFSM)	0.36		0.28		1.00	
ANNUAL RUNOFF (INCHES)	4.95		3.83		13.61	
10 PERCENT EXCEEDS	5350		5040		16400	
50 PERCENT EXCEEDS	2050		1220		4470	
90 PERCENT EXCEEDS	521		504		1130	

a From discharge measurement made prior to gage installation.

e Estimated





## PEE DEE RIVER BASIN

02130900 BLACK CREEK NEAR MCBEE, SC

LOCATION.--Lat 34°30'50'', long 80°11'00'', Chesterfield County, Hydrologic Unit 03040201, near right bank, at downstream side of bridge on U.S. Highway 1, 0.2 mi upstream from Little Alligator Creek, 5.8 mi northeast of McBee, and at mile 59.1.

DRAINAGE AREA.--108 mi<sup>2</sup>.

PERIOD OF RECORD.--October 1959 to current year. Occasional low-flow measurements, water years 1956-59.

GAGE.--Data collection platform. Datum of gage is 224.72 ft above NGVD of 1929. Prior to December 22, 1959, nonrecording gage at same site and datum.

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

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	26	32	41	40	82	53	134	39	24	13	17	133
2	25	33	40	40	78	62	151	40	22	13	17	119
3	24	33	40	44	70	118	163	42	20	14	16	79
4	22	33	38	53	66	137	182	79	19	15	15	50
5	22	32	36	54	63	150	183	102	17	17	14	39
6	25	31	37	64	61	155	106	78	16	17	14	31
7	37	33	37	91	104	120	82	66	24	16	13	26
8	39	33	38	109	143	88	76	54	21	14	12	22
9	39	29	38	115	158	78	71	45	18	13	11	20
10	34	27	39	102	170	76	67	40	17	13	11	18
11	32	29	67	83	180	83	73	63	16	12	11	17
12	29	31	91	70	166	85	88	72	15	13	10	15
13	29	32	105	76	125	82	93	83	14	13	9.7	15
14	31	34	81	81	98	89	98	69	13	14	11	14
15	56	34	61	82	85	103	100	52	16	18	18	17
16	46	34	54	67	78	97	91	42	15	18	18	31
17	39	34	50	55	73	84	86	37	14	18	17	39
18	34	34	50	50	70	81	102	38	13	15	16	40
19	32	34	51	51	67	84	152	49	13	14	15	39
20	31	30	51	103	65	84	130	53	13	13	13	55
21	30	29	47	126	63	92	94	48	13	12	12	70
22	30	30	45	145	63	112	69	43	13	11	11	53
23	30	32	44	159	63	117	55	39	16	13	11	38
24	32	49	43	175	62	110	48	42	18	28	10	31
25	32	64	42	175	60	90	47	36	17	22	10	26
26	31	75	43	180	59	80	50	32	17	28	13	27
27	29	67	43	193	58	76	58	28	16	26	84	31
28	28	60	44	196	54	69	52	25	15	24	59	35
29	28	54	44	159	---	65	47	23	14	20	55	33
30	30	43	43	110	---	68	41	22	13	18	54	29
31	30	---	41	91	---	97	---	24	---	17	115	---
TOTAL	982	1145	1524	3139	2484	2885	2789	1505	492	512	712.7	1192
MEAN	31.7	38.2	49.2	101	88.7	93.1	93.0	48.5	16.4	16.5	23.0	39.7
MAX	56	75	105	196	180	155	183	102	24	28	115	133
MIN	22	27	36	40	54	53	41	22	13	11	9.7	14
CFSM	0.29	0.35	0.46	0.94	0.82	0.86	0.86	0.45	0.15	0.15	0.21	0.37
IN.	0.34	0.39	0.52	1.08	0.86	0.99	0.96	0.52	0.17	0.18	0.25	0.41

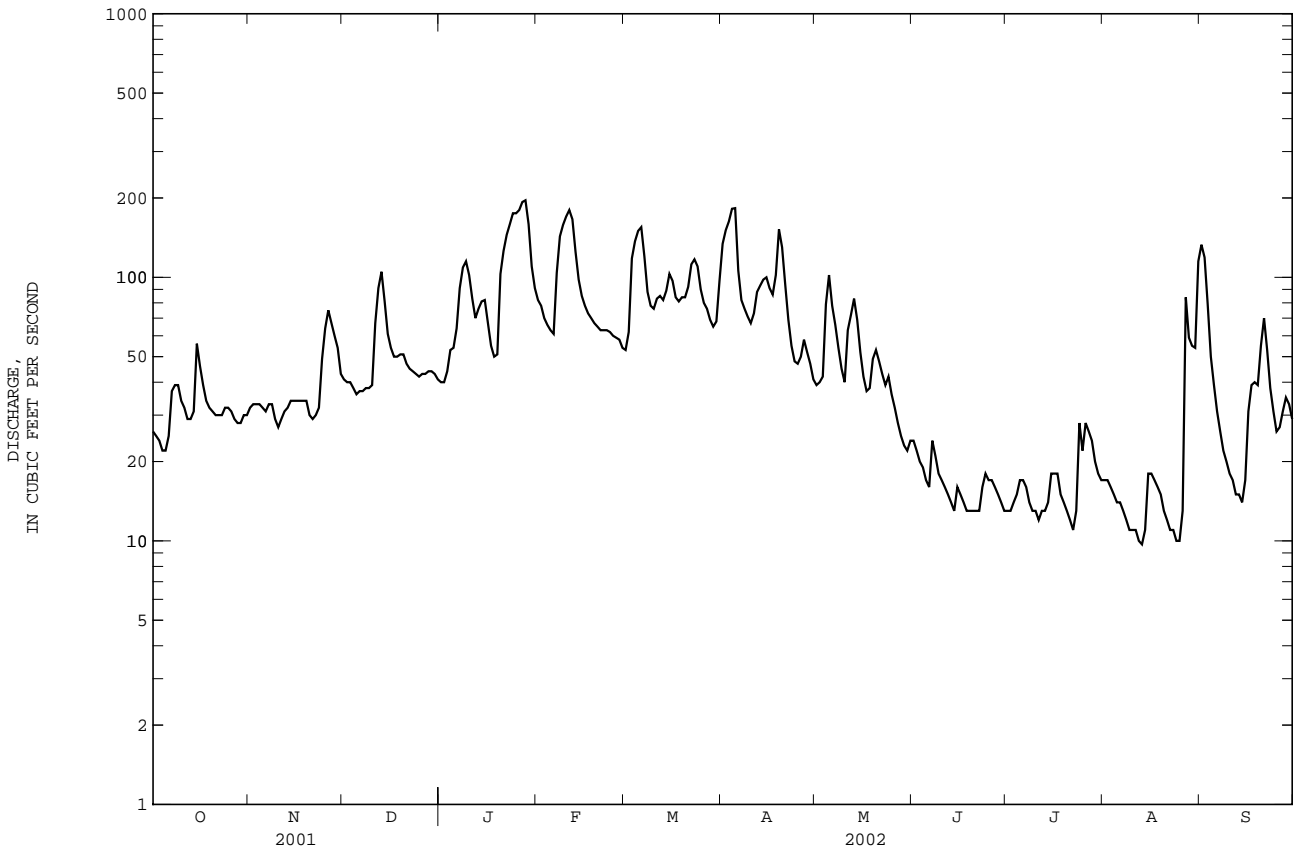
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1960 - 2002, BY WATER YEAR (WY)

MEAN	129	136	159	209	221	236	192	130	110	107	116	98.9
MAX	469	230	267	483	503	460	398	276	272	357	370	245
(WY)	1991	1972	1973	1998	1998	1998	1998	1991	1969	1975	1971	1979
MIN	31.7	38.2	49.2	91.3	88.7	93.1	66.1	39.4	16.4	16.5	23.0	26.7
(WY)	2002	2002	2002	1981	2002	2002	1985	2001	2002	2002	2002	1968

02130900 BLACK CREEK NEAR MCBEE, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR	FOR 2002 WATER YEAR	WATER YEARS 1960 - 2002	
ANNUAL TOTAL	25316	19361.7	153	
ANNUAL MEAN	69.4	53.0	265	1998
HIGHEST ANNUAL MEAN			53.0	2002
LOWEST ANNUAL MEAN			2460	Oct 13 1990
HIGHEST DAILY MEAN	264 Apr 2	196 Jan 28	9.7	Aug 13 2002
LOWEST DAILY MEAN	17 a Aug 27	11 Aug 8	11	Aug 8 2002
ANNUAL SEVEN-DAY MINIMUM	18 Aug 24	201 Jan 28	b 4500	Oct 12 1990
MAXIMUM PEAK FLOW		7.62 Jan 28	13.07	Oct 12 1990
MAXIMUM PEAK STAGE		0.49	1.42	
ANNUAL RUNOFF (CFSM)	0.64	6.67	19.29	
ANNUAL RUNOFF (INCHES)	8.72	141	280	
10 PERCENT EXCEEDS	49	40	131	
50 PERCENT EXCEEDS	26	14	45	
90 PERCENT EXCEEDS				

a Also occurred Aug. 28-30.  
 b From rating curve extended above 1,800 ft<sup>3</sup>/s.



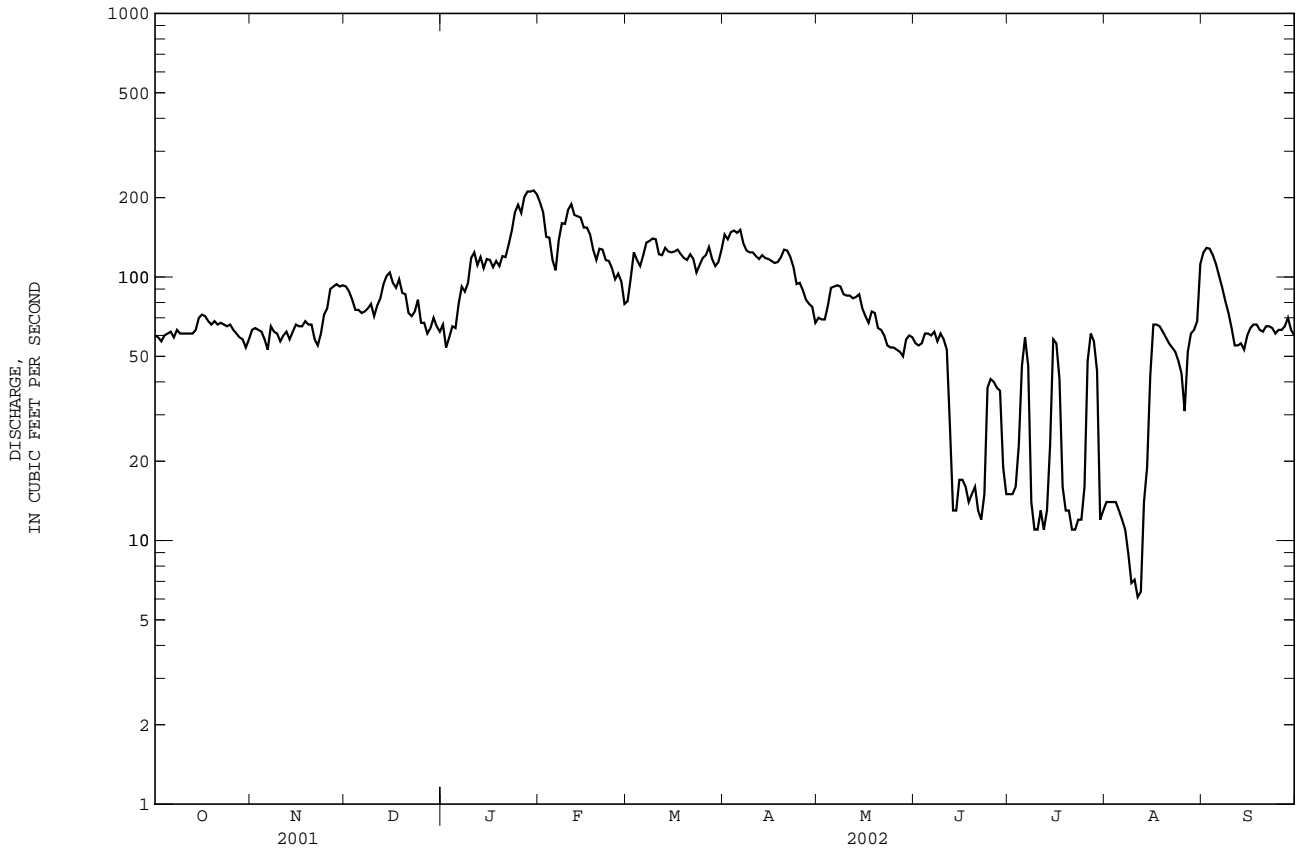


02130910 BLACK CREEK NEAR HARTSVILLE, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1961 - 2002	
ANNUAL TOTAL	40152		28944.4		217	
ANNUAL MEAN	110		79.3		358	
HIGHEST ANNUAL MEAN					1998	
LOWEST ANNUAL MEAN					2002	
HIGHEST DAILY MEAN	295	Apr 4	213	Jan 30	2890	Oct 13 1990
LOWEST DAILY MEAN	e 52	Sep 1	6.1	Aug 11	6.1	Aug 11 2002
ANNUAL SEVEN-DAY MINIMUM	55	Aug 26	8.3	Aug 6	8.3	Aug 6 2002
MAXIMUM PEAK FLOW			226	Jan 29	a 4450	Oct 13 1990
MAXIMUM PEAK STAGE			5.23	Jan 29	12.35	Oct 13 1990
ANNUAL RUNOFF (CFSM)	0.64		0.46		1.26	
ANNUAL RUNOFF (INCHES)	8.63		6.22		17.08	
10 PERCENT EXCEEDS	189		131		365	
50 PERCENT EXCEEDS	90		67		190	
90 PERCENT EXCEEDS	60		15		91	

a From rating curve extended above 1,100 ft 3/s.

e Estimated





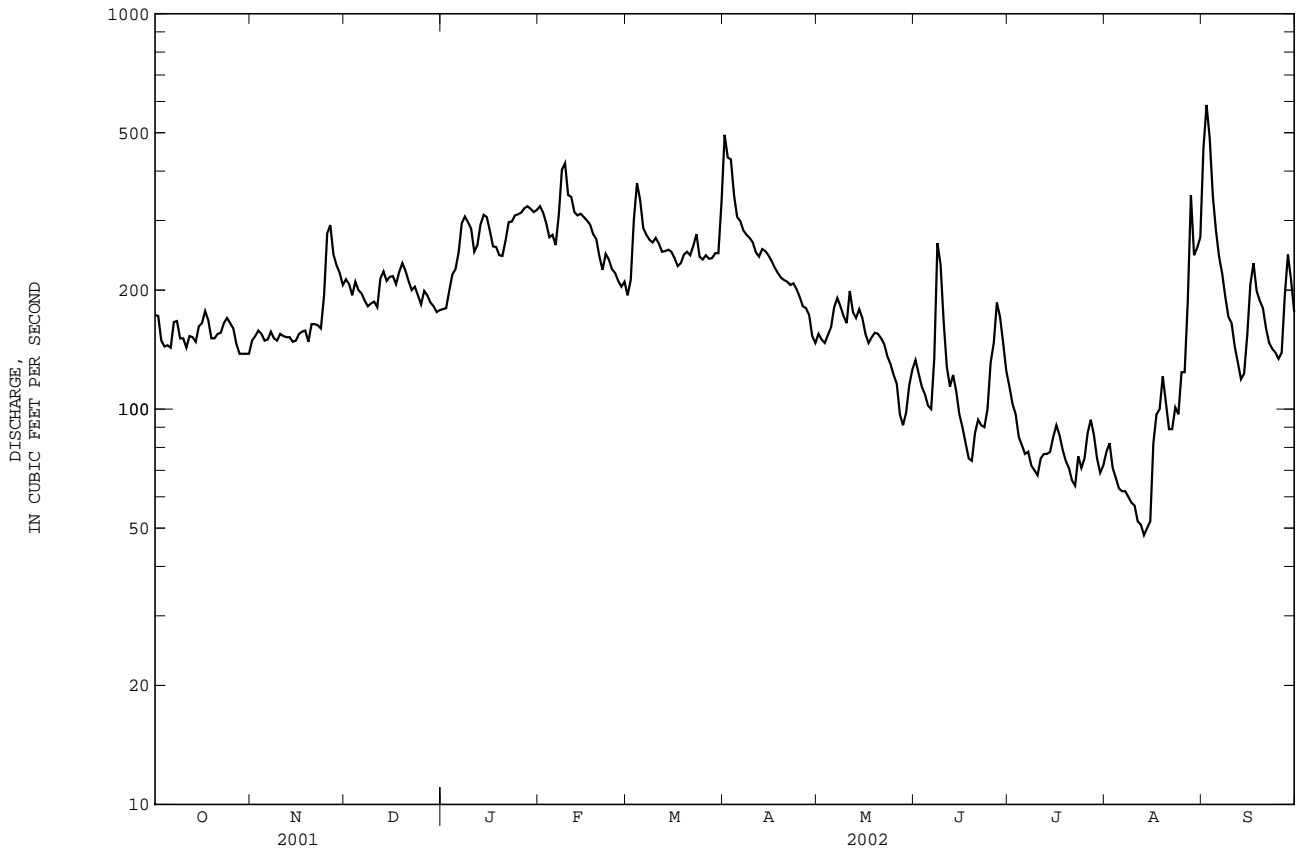
02130980 BLACK CREEK NEAR QUINBY, SC--Continued

SUMMARY STATISTICS

FOR 2002 WATER YEAR

ANNUAL TOTAL	69153	
ANNUAL MEAN	189	
HIGHEST DAILY MEAN	588	Sep 2
LOWEST DAILY MEAN	48	Aug 13
ANNUAL SEVEN-DAY MINIMUM	53	Aug 9
MAXIMUM PEAK FLOW	613	Sep 2
MAXIMUM PEAK STAGE	4.96	Sep 2
ANNUAL RUNOFF (CFSM)	0.43	
ANNUAL RUNOFF (INCHES)	5.87	
10 PERCENT EXCEEDS	301	
50 PERCENT EXCEEDS	178	
90 PERCENT EXCEEDS	80	

e Estimated



## PEE DEE RIVER BASIN

02130980 BLACK CREEK NEAR QUINBY, SC--Continued

## PRECIPITATION RECORDS

PERIOD OF RECORD.--October 2001 to September 2002.

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	0.00	0.00	0.00	0.00	0.23	0.00	0.00	0.00	0.08
2	0.00	0.00	0.00	0.00	0.00	1.17	0.00	0.00	0.00	0.00	0.00	0.01
3	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.18	0.00	0.00	0.00	0.57	0.00	0.01	0.00	0.00
5	0.00	0.00	0.00	0.43	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00
6	0.56	0.00	0.00	0.70	0.56	0.00	0.00	0.00	0.06	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.75	0.00	0.00	0.00	0.16	0.00	0.00	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	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.14	0.00	0.12	0.00	0.60	0.08	0.00	0.09	0.00	0.00
11	0.00	0.00	0.00	---	0.00	0.00	0.00	0.34	0.00	0.07	0.00	0.00
12	0.00	0.00	0.00	---	0.00	0.05	0.01	0.00	0.00	0.01	0.00	0.00
13	0.00	0.00	0.01	0.01	0.00	0.15	0.00	0.33	0.00	0.04	0.00	0.00
14	0.40	0.00	0.00	0.05	0.00	0.00	0.36	0.00	0.04	1.00	0.62	0.98
15	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.48
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.57	0.25
17	0.00	0.00	0.16	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.28	0.00
18	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.77	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.22	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.24	0.00	0.54	0.00	0.00	0.02	0.00	0.00	0.00
22	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.45	0.90	0.00	0.00
23	---	0.23	0.00	0.23	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
24	---	0.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.51	0.56	0.00
25	---	0.00	0.00	0.13	0.00	0.00	0.33	0.00	0.09	0.07	1.72	0.03
26	---	0.00	0.00	0.00	0.00	0.38	0.00	0.00	0.31	0.18	0.00	0.69
27	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.18	0.00	2.93	0.20
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.18	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.21	0.00	0.00	0.02	0.00
30	0.00	0.00	0.00	0.00	---	0.18	0.00	0.06	0.00	0.28	0.81	0.00
31	0.00	---	0.00	0.00	---	1.99	---	0.00	---	0.07	0.23	---
TOTAL	---	0.69	0.33	---	1.43	4.62	1.35	2.60	1.38	3.30	9.22	2.72





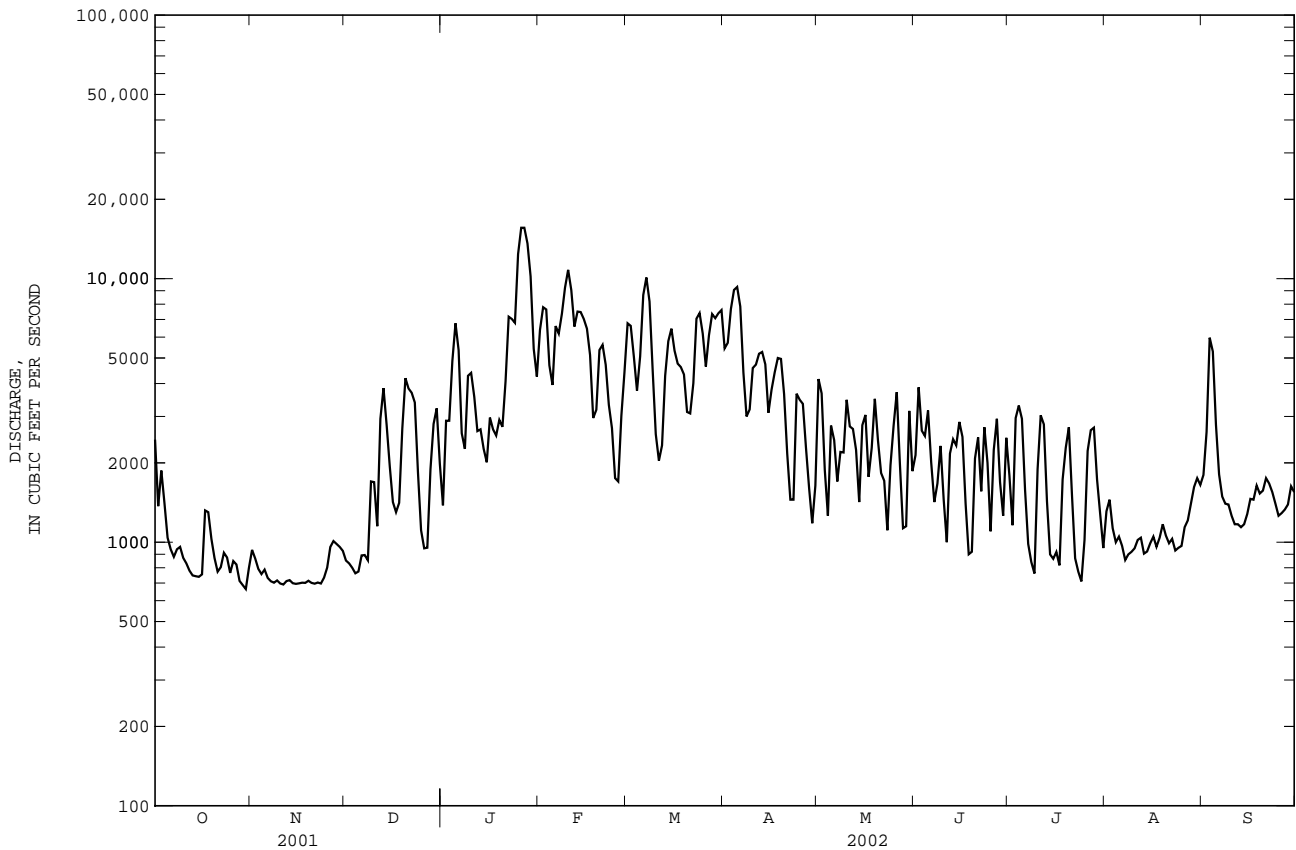
PEE DEE RIVER BASIN

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

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1939 - 2002	
ANNUAL TOTAL	1225524		1014132		9704	
ANNUAL MEAN	3358		2778		16470	
HIGHEST ANNUAL MEAN					1960	
LOWEST ANNUAL MEAN					2778	
HIGHEST DAILY MEAN	17800	Apr 3	15600	Jan 26	217000	Sep 22 1945
LOWEST DAILY MEAN	664	Oct 30	664	Oct 30	664	Oct 30 2001
ANNUAL SEVEN-DAY MINIMUM	701	Nov 15	701	Nov 15	701	Nov 15 2001
MAXIMUM PEAK FLOW			15900	Jan 26	a 220000	Sep 22 1945
MAXIMUM PEAK STAGE			17.28	Jan 26	b 33.30	Sep 22 1945
ANNUAL RUNOFF (CFSM)	0.38		0.31		1.10	
ANNUAL RUNOFF (INCHES)	5.16		4.27		14.93	
10 PERCENT EXCEEDS	6240		6460		19900	
50 PERCENT EXCEEDS	2690		1860		6920	
90 PERCENT EXCEEDS	800		790		2830	

a From rating curve extended above 76,000 ft<sup>3</sup>/s on basis of discharge measurement of 221,000 ft<sup>3</sup>/s at Cheraw.  
 b At datum then in use.

e Estimated



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 mi<sup>2</sup>, 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 ft<sup>3</sup>).

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2820	957	902	1290	6590	7010	6000	4280	1960	1920	1230	1800
2	1670	905	877	2840	8220	7130	5850	4060	4080	1160	1460	2480
3	1920	817	845	2880	8210	5370	8030	2050	2940	2890	1190	6250
4	1680	768	800	5110	5300	3900	9400	1180	2450	3560	1060	6010
5	1060	791	800	7230	3990	4970	9720	2600	3410	3210	1060	3180
6	951	735	911	6070	6880	8690	8490	2540	2120	1780	1030	1890
7	899	702	945	2890	6600	10300	4990	1700	1470	1050	909	1510
8	934	679	884	2080	7700	8730	3100	2130	1520	887	936	1370
9	996	704	1670	e3400	9500	4970	3070	2040	2280	803	950	1380
10	1010	682	1900	e3600	11000	2550	4840	3660	1550	1670	977	1250
11	965	675	1290	e4100	9670	1820	4940	3010	934	3120	1030	1160
12	902	715	2830	e3600	7090	1980	5510	2670	1980	3090	1080	1150
13	854	724	4240	e2640	7850	4130	5600	2380	2470	1640	955	1130
14	845	692	2970	e2680	7950	5890	5190	1410	2330	988	945	1150
15	843	673	2010	e2880	7490	6730	3250	2640	2920	903	1020	1230
16	834	683	1450	e3400	6870	5670	3920	3230	2620	959	1080	1430
17	1330	698	1220	2770	5600	4950	4710	1910	1530	871	1000	1420
18	1390	689	1380	2500	3090	4810	5220	2080	752	1570	1050	1580
19	1140	714	2450	2930	2920	4550	5430	3740	730	2300	1180	1520
20	958	696	4500	2740	5460	3230	4000	2630	1930	2870	1090	1520
21	860	689	4230	4150	5920	2980	2300	1800	2560	1720	1020	1710
22	850	697	3980	7440	5020	3920	1390	1760	1680	971	1060	1640
23	966	680	3750	7680	3440	7200	1230	1070	2610	848	984	1540
24	943	732	2010	7150	2690	7810	3610	1800	2210	787	980	1390
25	827	802	1130	12100	1620	6700	3700	2630	1170	959	1010	1250
26	878	967	921	14900	e1320	4830	3580	4060	2050	2120	1160	1260
27	882	1040	898	15000	e2900	6320	2350	2200	3070	2720	1220	1300
28	747	1030	1660	13800	4330	7660	1610	1140	1910	2890	1430	1350
29	690	1010	2790	11000	---	7520	1110	810	1190	1910	1630	1560
30	671	980	3400	6290	---	7780	1310	3110	2450	1340	1800	1540
31	794	---	2140	4520	---	8060	---	2060	---	1040	1690	---
TOTAL	33109	23326	61783	171660	165220	178160	133450	74380	62876	54546	35216	54950
MEAN	1068	778	1993	5537	5901	5747	4448	2399	2096	1760	1136	1832
MAX	2820	1040	4500	15000	11000	10300	9720	4280	4080	3560	1800	6250
MIN	671	673	800	1290	1320	1820	1110	810	730	787	909	1130
CFSM	0.12	0.09	0.23	0.63	0.67	0.65	0.50	0.27	0.24	0.20	0.13	0.21
IN.	0.14	0.10	0.26	0.72	0.69	0.75	0.56	0.31	0.26	0.23	0.15	0.23

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1997 - 2002, BY WATER YEAR (WY)

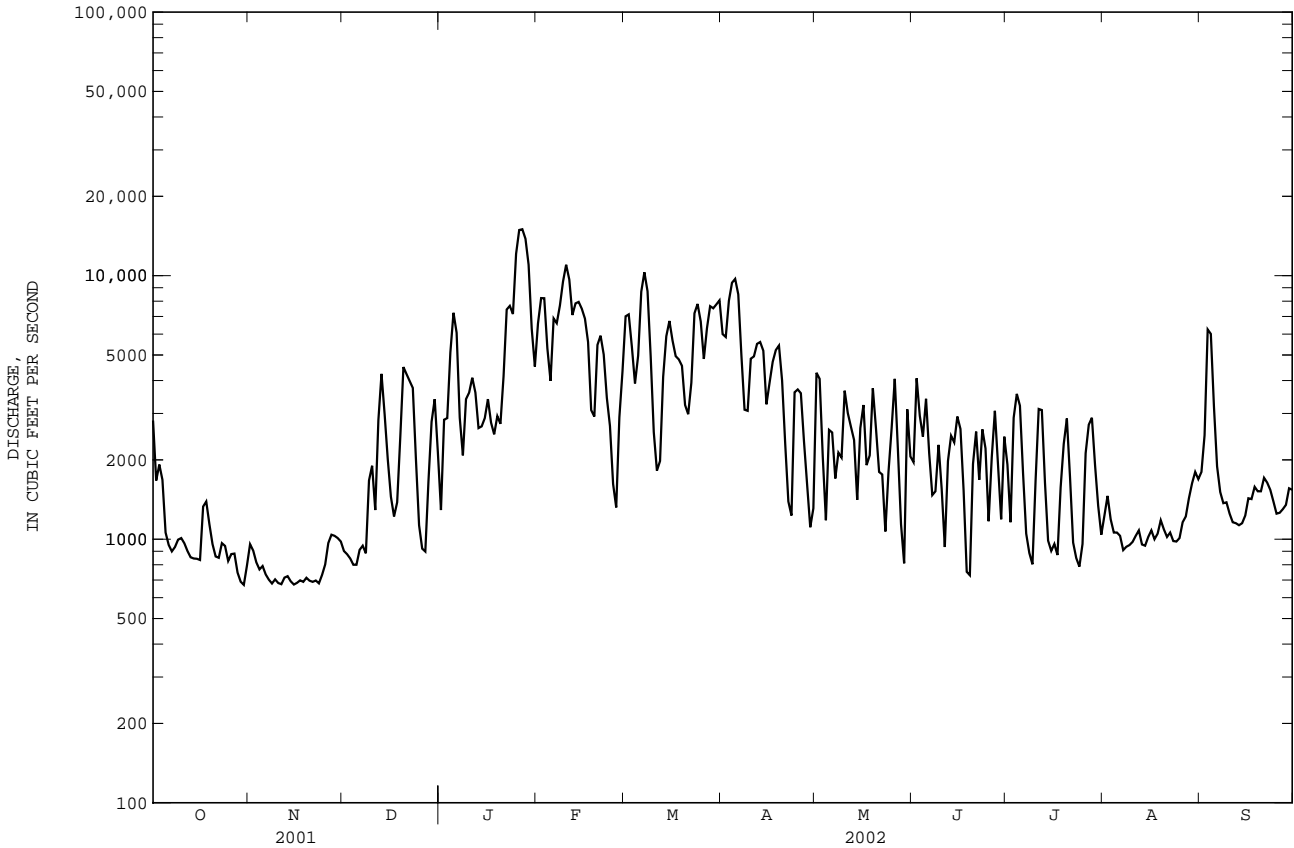
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	
MEAN	4956	3889	5908	10450	13970	11530	9041	7381	3870	3610	3065	3831
MAX	9686	7349	12270	22580	30550	24650	18510	13480	6217	7472	6301	6070
(WY)	2000	1998	1997	1998	1998	1998	1998	1997	1998	1997	1997	2000
MIN	1068	778	1993	3575	4291	5747	4448	2357	2096	1760	1136	1832
(WY)	2002	2002	2002	2001	2001	2002	2002	2001	2002	2002	2002	2002

PEE DEE RIVER BASIN

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

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1997 - 2002	
ANNUAL TOTAL	1269653		1048676		6755	
ANNUAL MEAN	3479		2873		12280	
HIGHEST ANNUAL MEAN					2873	
LOWEST ANNUAL MEAN					44100	
HIGHEST DAILY MEAN	17700	Apr 4	15000	Jan 27	44100	Mar 25 1998
LOWEST DAILY MEAN	671	Oct 30	671	Oct 30	671	Oct 30 2001
ANNUAL SEVEN-DAY MINIMUM	692	Nov 15	692	Nov 15	692	Nov 15 2001
MAXIMUM PEAK FLOW			15200		44300	
MAXIMUM PEAK STAGE			24.33		30.89	
ANNUAL RUNOFF (CFSM)	0.39		0.32		0.76	
ANNUAL RUNOFF (INCHES)	5.34		4.41		10.37	
10 PERCENT EXCEEDS	6400		6790		15700	
50 PERCENT EXCEEDS	2750		1910		4280	
90 PERCENT EXCEEDS	852		839		1510	

e Estimated



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 current year.

PERIOD OF DAILY RECORD.--

pH: May 1996 to current year.

WATER TEMPERATURE: October 1995 to current year.

DISSOLVED OXYGEN: May 1996 to current year.

INSTRUMENTATION.--Data collection platform.

REMARKS.--pH records rated good. Temperature records rated excellent. Dissolved oxygen records rated good except for June 3 to July 29 and Sep. 5 to Sep. 17, 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.

EXTREMES FOR CURRENT YEAR.--

pH: Maximum, 8.9 units, July 20; minimum, 6.3 units, Jan. 30, 31.

WATER TEMPERATURE: Maximum, 32.9°C, July 31; minimum, 4.4°C, Jan. 5.

DISSOLVED OXYGEN: Maximum, 13.9 mg/L, Jan. 5, 6; minimum, 4.2 mg/L, July 10.

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	6.9	6.8	6.8	6.7	6.9	6.8	7.2	7.2	6.9	6.7	7.4	7.3
2	7.0	6.9	6.8	6.7	6.9	6.8	7.2	7.2	7.0	6.9	7.4	7.3
3	7.0	7.0	6.8	6.8	6.9	6.8	7.2	7.1	7.0	6.9	7.4	7.3
4	7.0	7.0	6.8	6.8	6.9	6.8	7.2	7.1	7.0	6.9	7.4	7.3
5	7.0	7.0	6.9	6.8	6.9	6.9	7.2	7.2	7.1	7.0	7.4	7.3
6	7.0	7.0	6.9	6.9	7.0	6.9	7.2	7.1	7.2	7.0	7.4	7.3
7	7.0	6.9	6.9	6.9	7.0	6.9	7.1	7.1	7.2	7.1	7.4	7.2
8	7.1	6.9	6.9	6.9	7.0	6.9	7.1	7.1	7.2	7.2	7.4	7.2
9	7.1	6.9	6.9	6.8	7.0	6.9	7.1	7.0	7.3	7.2	7.3	7.2
10	7.2	6.9	6.9	6.8	7.1	7.0	7.0	7.0	7.2	7.2	7.2	7.2
11	7.3	7.0	6.9	6.8	7.1	7.0	7.0	7.0	7.2	7.1	7.2	7.2
12	7.5	7.0	6.9	6.9	7.0	6.9	7.0	7.0	7.1	7.0	7.2	7.2
13	7.7	7.0	7.0	6.9	7.0	6.9	7.0	7.0	7.2	7.0	7.2	7.2
14	7.8	7.0	7.0	7.0	6.9	6.9	7.0	6.9	7.3	7.2	7.2	7.2
15	8.2	7.1	7.0	6.9	7.0	6.9	7.0	6.9	7.2	7.1	7.3	7.2
16	8.2	7.4	7.0	6.9	7.0	6.9	6.9	6.8	7.2	7.1	7.3	7.2
17	8.0	7.3	7.0	6.9	7.0	6.9	7.0	6.9	7.2	7.1	7.2	7.2
18	7.8	7.2	7.1	7.0	7.0	7.0	7.0	6.9	7.2	7.1	7.3	7.2
19	7.4	7.1	7.1	7.1	7.0	6.9	7.0	7.0	7.3	7.2	7.3	7.2
20	7.2	6.9	7.1	7.0	7.3	7.0	7.0	7.0	7.2	7.1	7.3	7.2
21	6.9	6.8	7.1	7.0	7.4	7.3	7.0	7.0	7.3	7.2	7.3	7.2
22	6.8	6.8	7.1	7.1	7.4	7.3	7.1	7.0	7.3	7.2	7.3	7.2
23	6.8	6.8	7.1	7.0	7.3	7.3	7.1	7.0	7.3	7.2	7.3	7.3
24	6.9	6.7	7.1	7.0	7.3	7.2	7.0	6.9	7.3	7.2	7.3	7.2
25	6.9	6.8	7.0	7.0	7.2	7.2	7.0	6.9	7.3	7.2	7.3	7.2
26	7.0	6.8	7.0	6.9	7.2	7.2	6.9	6.7	7.2	7.2	7.3	7.2
27	7.0	6.8	6.9	6.8	7.2	7.2	6.7	6.5	7.3	7.2	7.3	7.3
28	7.0	6.9	6.8	6.8	7.2	7.2	6.5	6.5	7.3	7.3	7.3	7.3
29	6.9	6.8	6.9	6.8	7.2	7.2	6.5	6.4	---	---	7.3	7.2
30	6.9	6.8	6.9	6.9	7.2	7.1	6.4	6.3	---	---	7.3	7.2
31	6.8	6.8	---	---	7.3	7.2	6.7	6.3	---	---	7.3	7.2
MONTH	8.2	6.7	7.1	6.7	7.4	6.8	7.2	6.3	7.3	6.7	7.4	7.2

## PEE DEE RIVER BASIN

02131221 PEE DEE RIVER AT POSTON, SC--Continued

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	7.3	7.2	7.8	7.5	---	---	8.7	7.6	8.0	7.6	6.7	6.6
2	7.2	7.2	7.5	7.4	---	---	8.5	7.6	7.9	7.4	6.7	6.6
3	7.2	7.1	7.5	7.4	---	---	8.4	7.5	7.7	7.3	6.6	6.5
4	7.2	7.1	7.5	7.5	7.8	6.9	8.3	7.6	7.7	7.3	6.6	6.5
5	7.2	7.1	7.5	7.4	8.0	7.3	8.1	7.5	7.5	7.2	6.6	6.6
6	7.2	7.1	7.5	7.5	8.3	7.2	8.2	7.5	7.5	7.2	6.7	6.6
7	7.1	7.1	7.6	7.5	8.0	7.3	7.9	7.4	7.5	7.2	6.8	6.7
8	7.2	7.1	7.5	7.5	8.2	7.2	8.1	7.5	7.3	7.1	6.9	6.7
9	7.2	7.1	7.6	7.4	8.6	7.5	7.6	7.3	7.2	7.1	7.1	6.7
10	7.2	7.2	7.5	7.4	8.7	8.1	7.5	7.3	7.2	7.1	7.8	6.9
11	7.3	7.2	7.5	7.3	8.6	8.3	7.7	7.4	7.2	7.1	8.0	6.9
12	7.3	7.2	7.6	7.3	8.6	7.9	7.8	7.4	8.0	7.2	7.9	7.0
13	7.3	7.3	7.4	7.3	8.6	7.7	7.6	7.4	8.0	7.4	7.6	7.0
14	7.3	7.2	7.5	7.4	8.4	8.0	7.4	7.3	7.7	7.3	7.3	6.9
15	7.3	7.2	7.6	7.3	8.2	7.5	7.5	7.3	8.0	7.2	7.0	6.9
16	7.2	7.2	7.6	7.4	7.9	7.5	7.8	7.3	7.9	7.2	7.0	6.9
17	7.3	7.2	7.5	7.4	8.2	7.4	7.9	7.4	7.6	7.1	7.0	6.7
18	7.3	7.2	7.4	7.3	8.0	7.4	7.8	7.5	7.9	7.1	6.8	6.8
19	7.3	7.2	7.4	7.3	7.6	7.3	8.5	7.7	8.2	7.2	6.8	6.8
20	7.3	7.2	7.5	7.3	8.4	7.2	8.9	8.3	8.0	7.2	6.8	6.8
21	7.3	7.2	7.4	7.3	8.0	7.4	8.6	8.0	8.0	7.3	6.8	6.7
22	7.4	7.2	---	---	8.4	7.6	8.2	7.8	7.9	7.3	6.8	6.7
23	7.4	7.3	---	---	8.8	8.0	8.4	7.8	8.0	7.4	6.9	6.8
24	7.6	7.3	---	---	8.2	7.6	8.2	7.6	8.2	7.4	6.9	6.5
25	7.5	7.4	---	---	8.1	7.5	8.1	7.4	8.2	7.4	6.9	6.8
26	7.4	7.4	---	---	8.4	7.4	8.4	7.4	8.0	7.2	6.8	6.7
27	7.7	7.4	---	---	8.1	7.3	8.1	7.6	7.6	7.1	6.8	6.7
28	8.1	7.6	---	---	8.4	7.5	8.2	7.7	7.4	7.1	6.8	6.8
29	8.3	7.6	---	---	8.2	7.6	7.9	7.5	7.2	6.9	6.9	6.8
30	8.1	7.5	---	---	8.6	7.4	8.1	7.5	6.9	6.6	6.9	6.8
31	---	---	---	---	---	---	8.4	7.6	6.6	6.6	---	---
MONTH	8.3	7.1	---	---	---	---	8.9	7.3	8.2	6.6	8.0	6.5

02131221 PEE DEE RIVER AT POSTON, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	21.0	20.3	20.7	16.5	14.9	15.7	19.2	18.6	18.8	7.6	7.2	7.5
2	21.2	20.0	20.6	17.6	16.4	17.0	19.1	18.4	18.8	7.3	6.1	6.7
3	21.8	20.3	21.0	18.7	17.2	18.0	18.4	16.8	17.6	6.1	5.3	5.7
4	21.9	20.8	21.4	18.7	18.0	18.3	16.8	15.8	16.2	5.3	4.7	4.9
5	22.2	21.2	21.7	18.0	16.3	17.3	16.2	15.3	15.8	5.0	4.4	4.7
6	22.8	22.0	22.3	16.3	14.7	15.4	15.8	14.9	15.4	5.6	4.5	5.1
7	22.1	20.5	21.4	14.8	13.7	14.3	16.2	15.3	15.8	6.0	5.5	5.8
8	20.5	18.9	19.7	14.9	13.5	14.1	16.6	15.6	16.1	6.1	5.5	5.8
9	19.3	18.0	18.7	15.3	14.0	14.6	17.3	16.5	16.9	6.0	5.2	5.7
10	19.1	18.2	18.7	15.4	14.2	14.7	16.5	15.4	15.8	6.7	5.6	6.1
11	20.6	18.9	19.7	15.6	14.4	14.9	15.4	14.3	14.8	7.3	6.5	6.9
12	20.6	19.6	20.2	15.1	13.9	14.5	14.4	14.1	14.3	7.9	7.0	7.4
13	21.7	20.0	20.9	14.1	13.1	13.6	14.4	14.2	14.3	8.3	7.6	8.0
14	21.9	21.1	21.5	14.3	13.3	13.8	14.6	14.0	14.3	8.2	8.0	8.1
15	22.3	21.1	21.7	14.8	13.9	14.3	15.3	14.6	14.9	8.6	7.7	8.2
16	21.6	20.3	20.9	15.4	14.2	14.8	14.9	14.1	14.4	8.5	7.9	8.3
17	20.3	18.4	19.3	15.4	14.3	14.8	14.7	13.7	14.1	8.5	8.0	8.3
18	18.4	17.2	17.7	14.9	14.3	14.6	15.2	14.6	14.9	8.8	8.3	8.5
19	18.1	17.0	17.6	15.7	14.5	15.1	14.6	13.9	14.2	9.3	8.3	8.8
20	19.4	17.7	18.5	15.9	14.9	15.4	14.0	12.9	13.4	9.3	8.6	9.0
21	20.2	18.9	19.5	14.9	13.4	14.2	13.1	11.9	12.4	9.1	8.4	8.6
22	20.9	19.4	20.2	13.5	12.5	13.0	11.9	10.8	11.3	8.5	7.9	8.2
23	21.5	20.2	20.9	13.7	12.9	13.2	10.8	10.3	10.6	7.9	7.5	7.7
24	22.6	21.2	22.0	15.5	13.6	14.6	11.2	10.7	10.9	9.1	7.8	8.3
25	23.3	22.0	22.6	16.9	15.4	16.3	10.9	10.1	10.3	9.6	9.1	9.3
26	22.0	19.2	20.6	17.9	16.8	17.3	10.1	9.2	9.7	9.1	8.0	8.3
27	19.2	16.4	17.8	18.3	17.5	17.9	9.2	8.1	8.5	8.8	8.2	8.5
28	16.4	14.5	15.4	18.3	17.5	17.9	8.3	7.5	7.9	9.1	8.7	8.9
29	14.7	13.6	14.1	18.6	17.8	18.2	8.7	7.7	8.2	10.3	9.1	9.7
30	14.8	13.2	13.9	19.0	18.2	18.5	8.7	8.1	8.4	11.4	10.3	10.8
31	15.2	13.6	14.4	---	---	---	8.1	7.2	7.5	12.9	11.4	12.2
MONTH	23.3	13.2	19.5	19.0	12.5	15.5	19.2	7.2	13.4	12.9	4.4	7.7
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	14.7	12.9	13.8	10.8	9.8	10.3	18.0	16.9	17.5	23.5	22.6	23.0
2	14.7	13.6	14.3	10.3	9.9	10.1	18.6	17.4	18.0	25.0	23.1	23.9
3	13.6	12.5	12.8	11.0	10.0	10.4	19.3	18.3	18.8	25.2	24.6	24.9
4	12.5	11.8	12.3	11.0	10.2	10.7	19.1	17.8	18.6	24.7	22.6	23.7
5	11.8	10.2	10.9	10.5	9.5	10.0	18.0	17.4	17.8	22.7	21.4	22.1
6	10.2	9.3	9.6	10.5	9.3	9.9	17.7	16.8	17.3	23.1	20.8	22.0
7	9.3	8.8	8.9	10.3	9.5	9.8	17.2	16.4	16.9	24.4	22.5	23.4
8	9.0	8.6	8.8	10.7	9.5	10.2	17.6	16.5	17.1	25.8	23.9	24.9
9	9.0	8.4	8.7	11.8	10.2	10.9	18.9	17.3	18.0	26.8	25.1	25.9
10	9.2	8.7	8.9	13.3	11.8	12.5	19.0	18.4	18.7	27.0	25.5	26.2
11	9.9	9.2	9.6	13.6	12.5	13.1	19.5	18.2	18.9	26.2	25.6	25.8
12	10.3	9.3	9.8	13.6	13.0	13.3	19.6	19.3	19.5	26.8	25.5	26.1
13	10.1	9.9	10.0	15.2	13.6	14.3	20.1	19.3	19.7	27.0	25.8	26.4
14	10.2	9.6	9.8	16.0	14.4	15.1	20.5	19.8	20.2	26.3	25.2	25.8
15	9.6	8.9	9.2	15.9	14.8	15.3	21.5	20.3	20.9	25.4	23.9	24.7
16	9.9	9.2	9.5	16.2	14.5	15.3	22.7	21.0	21.9	25.4	23.6	24.6
17	10.3	9.5	9.9	17.1	15.8	16.3	23.5	22.0	22.8	25.7	24.4	25.1
18	10.2	9.4	9.9	17.3	16.6	16.9	24.4	23.2	23.8	25.5	24.2	25.1
19	10.4	9.4	9.9	16.7	16.4	16.5	24.3	23.5	23.9	24.2	22.1	22.9
20	11.1	10.0	10.5	17.0	15.9	16.5	24.6	23.5	24.0	22.6	21.4	22.0
21	11.7	11.0	11.4	16.9	16.2	16.7	25.1	24.2	24.7	22.3	21.1	21.8
22	11.7	10.9	11.4	16.2	15.2	15.8	25.9	24.6	25.2	22.3	21.1	21.6
23	11.7	11.1	11.3	15.3	14.4	14.9	25.2	24.0	24.6	22.8	20.9	21.8
24	11.7	10.8	11.2	15.2	14.4	14.8	24.4	23.3	23.9	24.1	21.5	22.8
25	11.9	10.6	11.3	15.4	14.3	14.9	24.4	23.4	23.9	24.8	22.9	23.9
26	13.1	11.4	12.2	16.6	15.0	15.7	24.3	23.5	23.9	24.4	23.7	24.1
27	13.2	11.9	12.6	17.3	16.6	16.9	23.6	22.4	22.8	24.8	23.3	24.1
28	11.9	10.7	11.2	17.4	16.6	17.0	23.6	22.1	22.8	25.7	24.1	24.9
29	---	---	---	16.7	16.0	16.4	24.9	22.9	23.9	26.1	24.9	25.6
30	---	---	---	17.2	16.3	16.7	24.4	23.0	23.6	26.7	25.6	26.1
31	---	---	---	17.5	16.9	17.2	---	---	---	27.1	25.3	26.3
MONTH	14.7	8.4	10.7	17.5	9.3	14.0	25.9	16.4	21.1	27.1	20.8	24.2

## PEE DEE RIVER BASIN

02131221 PEE DEE RIVER AT POSTON, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	28.9	26.8	27.8	30.2	28.8	29.5	31.8	31.0	31.3	25.4	25.0	25.2
2	29.9	28.2	29.0	30.6	29.1	29.8	31.9	30.5	31.1	25.2	24.6	24.9
3	29.2	27.8	28.5	31.2	29.3	30.3	31.5	29.9	30.7	25.9	24.6	25.2
4	29.4	27.8	28.6	30.9	29.8	30.4	30.9	29.5	30.1	26.3	24.9	25.6
5	29.7	28.2	29.0	31.3	29.7	30.5	30.6	28.7	29.6	27.2	26.1	26.6
6	29.8	28.6	29.2	31.1	30.0	30.4	31.3	29.4	30.3	28.0	26.7	27.3
7	29.3	28.2	28.9	30.8	29.5	30.1	30.6	29.3	30.0	28.1	27.0	27.5
8	28.2	27.1	27.6	30.1	28.8	29.5	29.4	27.9	28.6	27.7	26.8	27.2
9	27.5	26.0	26.8	30.7	28.8	29.7	28.9	27.2	28.1	27.6	26.6	27.1
10	27.9	26.1	27.0	31.5	29.2	30.3	28.9	27.0	27.9	27.6	26.3	27.0
11	28.7	26.6	27.7	30.8	29.3	29.8	29.4	27.2	28.3	28.4	26.7	27.6
12	29.7	27.4	28.6	29.3	28.2	28.9	29.6	27.6	28.6	28.2	27.1	27.6
13	30.3	28.6	29.4	28.4	27.6	28.0	29.4	28.0	28.7	27.8	26.7	27.3
14	29.8	29.0	29.4	29.1	27.8	28.3	28.7	28.2	28.5	27.3	26.1	26.7
15	29.9	28.5	29.2	30.5	28.6	29.4	29.4	27.8	28.5	26.7	25.9	26.3
16	29.5	28.6	29.1	31.7	29.6	30.6	29.2	28.5	28.9	27.0	26.2	26.6
17	29.1	28.5	28.8	32.0	30.4	31.2	29.6	27.7	28.6	27.4	26.4	26.9
18	28.5	27.0	27.8	32.4	30.6	31.4	30.7	28.1	29.3	27.1	26.6	26.9
19	27.7	26.3	27.0	32.0	30.6	31.4	31.2	29.6	30.4	27.3	26.4	26.8
20	26.9	26.3	26.5	31.8	30.7	31.3	31.2	30.0	30.6	27.3	26.0	26.7
21	27.0	26.2	26.6	31.4	30.5	30.9	31.5	29.7	30.6	27.4	26.0	26.7
22	26.7	26.2	26.5	31.5	30.4	30.9	31.3	30.2	30.7	27.9	26.2	27.1
23	28.2	26.4	27.2	31.2	29.9	30.5	31.8	30.1	30.9	27.9	27.1	27.5
24	28.0	27.1	27.6	30.7	29.6	30.0	32.3	30.5	31.4	---	---	---
25	27.7	27.1	27.4	31.5	29.0	30.1	32.1	30.5	31.1	26.9	26.1	26.4
26	28.6	27.1	27.8	31.4	30.1	30.7	30.5	29.6	30.0	26.2	25.5	25.9
27	28.8	27.2	28.0	31.1	29.8	30.4	29.8	28.8	29.4	26.9	25.7	26.1
28	29.0	28.1	28.6	31.7	30.3	31.0	28.9	27.9	28.2	27.6	26.5	27.0
29	30.0	28.7	29.3	32.0	30.8	31.4	27.9	26.7	27.1	27.4	26.5	26.9
30	30.0	28.8	29.5	32.8	31.1	31.9	26.8	25.2	25.9	26.9	25.9	26.5
31	---	---	---	32.9	31.4	32.1	25.6	25.0	25.2	---	---	---
MONTH	30.3	26.0	28.1	32.9	27.6	30.3	32.3	25.0	29.3	---	---	---

02131221 PEE DEE RIVER AT POSTON, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.0	6.8	6.9	8.9	8.3	8.6	7.0	6.2	6.5	11.8	11.3	11.5
2	7.1	6.7	6.9	8.6	8.1	8.3	7.1	6.1	6.4	12.3	11.2	11.6
3	7.1	6.9	7.0	8.4	7.7	8.0	7.2	6.3	6.7	12.8	12.3	12.6
4	7.2	6.9	7.0	8.0	7.5	7.7	7.8	6.7	7.2	13.7	12.7	13.2
5	7.0	6.7	6.9	7.9	7.5	7.7	8.0	6.8	7.4	13.9	13.5	13.8
6	6.7	6.4	6.5	8.6	7.8	8.2	7.5	6.7	7.0	13.9	13.2	13.5
7	7.7	6.4	7.1	8.8	8.3	8.6	7.9	6.4	7.1	13.2	12.6	12.9
8	8.3	7.1	7.6	8.8	8.5	8.6	7.1	5.3	5.9	12.7	12.3	12.5
9	8.6	7.5	8.0	8.8	8.5	8.7	6.7	4.9	5.6	13.0	12.3	12.7
10	8.7	7.7	8.1	8.8	8.6	8.7	7.5	5.8	6.7	13.0	12.7	12.8
11	8.7	7.6	8.1	8.7	8.4	8.5	8.0	7.3	7.6	12.8	12.2	12.6
12	9.1	7.3	8.1	9.0	8.5	8.8	7.9	7.3	7.6	12.2	11.3	12.0
13	9.5	7.3	8.2	9.3	8.9	9.1	8.6	7.7	8.2	11.5	11.0	11.2
14	9.4	7.1	8.3	9.3	9.0	9.1	8.8	8.1	8.4	11.2	10.9	11.0
15	11.1	7.3	9.1	9.2	8.8	9.0	8.6	7.8	8.2	11.0	10.5	10.8
16	11.2	7.6	9.2	9.0	8.6	8.8	8.7	8.0	8.2	10.8	10.2	10.5
17	10.8	7.5	9.1	8.9	8.6	8.7	8.6	8.0	8.2	11.1	10.7	10.9
18	9.4	7.8	8.6	9.0	8.7	8.8	8.3	7.8	8.0	11.1	10.8	10.9
19	9.1	7.7	8.3	8.8	8.5	8.7	8.7	8.0	8.2	11.1	10.8	10.9
20	7.9	7.0	7.4	8.6	8.3	8.4	9.3	8.2	8.9	10.9	10.6	10.8
21	7.0	6.6	6.8	8.9	8.2	8.6	9.7	9.1	9.5	11.4	10.7	11.0
22	7.1	6.4	6.8	9.2	8.7	8.9	10.1	9.6	9.9	11.8	11.3	11.6
23	7.2	6.5	6.8	9.2	8.8	9.0	10.4	10.1	10.3	12.2	11.8	12.0
24	7.5	6.5	7.0	8.9	8.4	8.7	10.3	9.8	10.1	12.0	11.2	11.6
25	7.5	6.4	6.9	8.4	7.6	8.0	10.0	9.6	9.8	11.6	11.2	11.4
26	8.0	6.6	7.3	7.6	7.2	7.5	9.9	9.5	9.7	11.7	11.2	11.5
27	8.4	7.0	7.7	7.4	7.1	7.3	10.5	9.9	10.2	11.7	11.3	11.5
28	9.0	7.7	8.3	7.4	7.3	7.3	10.9	10.4	10.7	11.3	10.9	11.1
29	9.1	8.4	8.7	7.3	6.4	7.0	11.3	10.8	11.1	10.9	9.8	10.4
30	9.0	8.5	8.7	6.9	6.3	6.5	11.5	10.9	11.2	10.0	8.8	9.4
31	9.0	8.4	8.7	---	---	---	12.0	11.5	11.8	9.2	8.6	9.0
MONTH	11.2	6.4	7.7	9.3	6.3	8.3	12.0	4.9	8.5	13.9	8.6	11.6
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	9.3	9.1	9.2	11.0	10.2	10.7	8.7	8.0	8.5	8.4	7.5	7.9
2	9.6	9.2	9.4	11.5	10.8	11.2	8.4	7.6	8.0	7.7	6.6	7.1
3	9.8	9.5	9.6	11.4	10.9	11.1	7.9	7.3	7.7	7.2	6.5	6.9
4	9.8	9.6	9.7	11.0	10.7	10.9	8.2	7.5	7.8	7.0	6.2	6.5
5	10.3	9.7	10.0	11.1	10.8	10.9	8.4	7.8	8.1	7.2	6.2	6.6
6	11.2	10.3	10.8	11.3	10.9	11.1	8.4	7.8	8.1	7.7	6.8	7.2
7	11.8	11.2	11.6	12.0	11.0	11.7	8.0	7.6	7.8	7.2	6.3	6.9
8	11.9	11.6	11.7	12.1	11.2	11.7	8.1	7.7	8.0	6.4	5.8	6.2
9	12.1	11.8	12.0	11.3	10.2	10.7	8.0	7.5	7.8	6.8	5.6	6.4
10	12.1	11.8	11.9	10.2	9.6	9.9	7.8	7.5	7.7	6.5	6.1	6.3
11	11.9	11.4	11.7	9.6	9.1	9.3	8.0	7.5	7.8	6.3	5.8	6.1
12	11.5	10.8	11.1	9.2	8.8	8.9	7.9	7.6	7.7	6.1	5.8	6.0
13	11.1	10.7	10.9	9.0	8.6	8.8	7.9	7.4	7.7	6.3	5.9	6.1
14	11.4	11.0	11.2	9.1	8.5	8.8	7.8	7.2	7.6	6.6	6.0	6.2
15	11.6	11.2	11.4	9.3	8.6	9.0	7.7	6.8	7.5	7.4	6.1	6.6
16	11.4	10.9	11.1	9.3	8.7	9.0	7.4	6.9	7.2	7.7	6.4	7.0
17	11.0	10.7	10.9	8.8	8.2	8.5	7.1	6.7	7.0	7.2	6.5	6.8
18	11.0	10.6	10.8	8.3	7.8	8.1	7.0	6.5	6.7	6.6	6.1	6.3
19	10.8	10.2	10.5	8.2	7.9	8.1	7.1	6.5	6.8	6.8	6.2	6.5
20	10.6	10.2	10.4	8.4	7.9	8.2	7.1	6.5	6.8	6.8	6.4	6.6
21	10.8	10.3	10.5	8.0	7.6	7.7	6.8	6.2	6.6	6.9	6.5	6.7
22	10.7	10.4	10.6	8.3	7.6	7.8	6.8	5.9	6.2	---	---	---
23	10.6	10.1	10.4	9.0	8.2	8.6	6.6	5.5	6.1	---	---	---
24	10.3	9.9	10.1	9.0	8.5	8.8	7.8	6.2	7.0	---	---	---
25	10.1	9.6	9.9	9.2	8.7	9.0	7.7	6.8	7.2	---	---	---
26	9.6	8.6	9.2	9.2	8.6	8.9	7.0	6.3	6.7	---	---	---
27	9.6	8.4	8.8	8.8	8.4	8.6	8.2	7.0	7.7	---	---	---
28	10.2	9.5	9.9	8.9	8.4	8.6	9.0	7.5	8.2	---	---	---
29	---	---	---	9.0	8.4	8.7	10.1	7.5	8.4	---	---	---
30	---	---	---	8.8	8.2	8.6	9.4	7.2	8.3	---	---	---
31	---	---	---	8.6	8.2	8.5	---	---	---	---	---	---
MONTH	12.1	8.4	10.5	12.1	7.6	9.4	10.1	5.5	7.5	---	---	---



## PEE DEE RIVER BASIN

02131221 PEE DEE RIVER AT POSTON, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

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

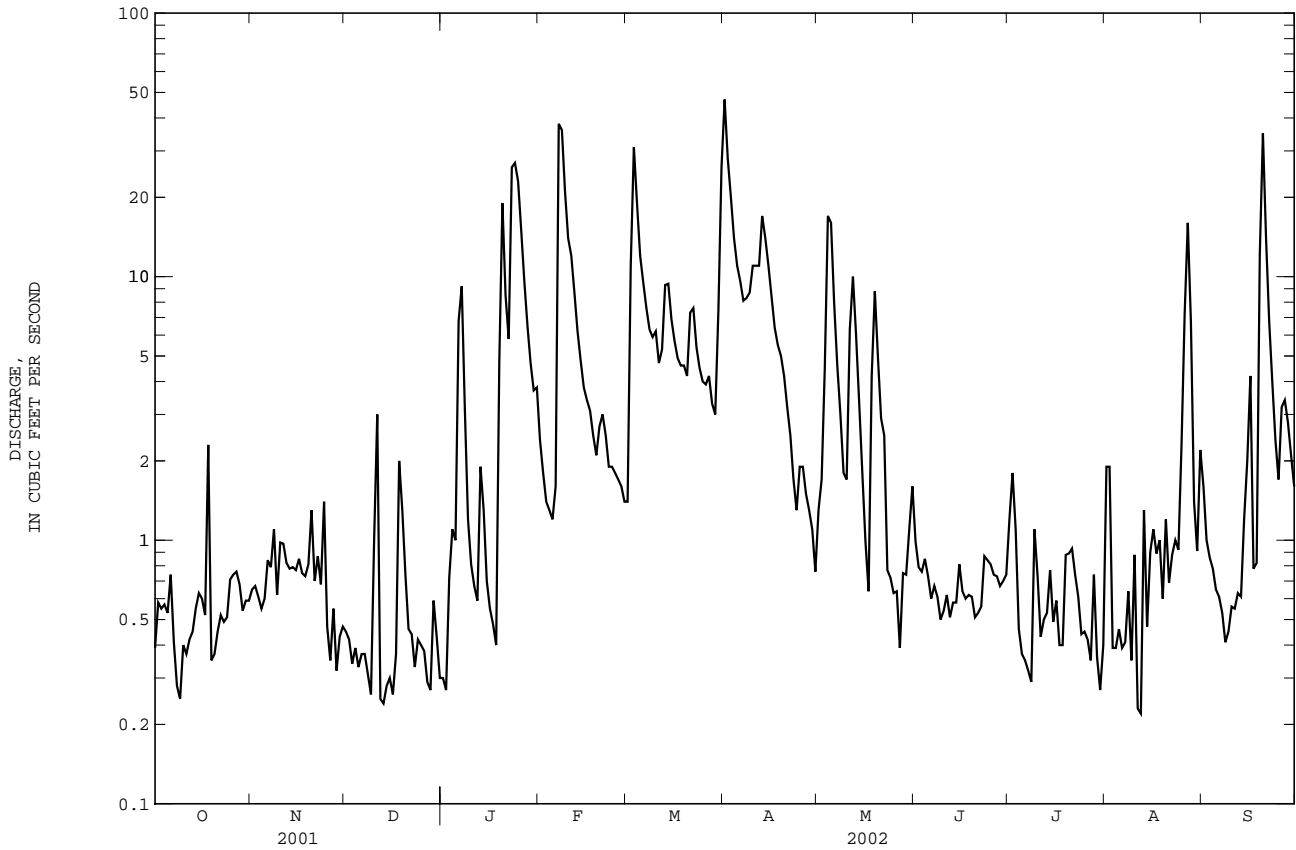


PEE DEE RIVER BASIN

02131472 HANGING ROCK CREEK NEAR KERSHAW, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1981 - 2002	
ANNUAL TOTAL	1837.75		1273.95		24.0	
ANNUAL MEAN	5.03		3.49		46.6	
HIGHEST ANNUAL MEAN					3.49	
LOWEST ANNUAL MEAN					1080	
HIGHEST DAILY MEAN	67	Mar 30	47	Apr 1	1080	Oct 11 1990
LOWEST DAILY MEAN	0.21	Sep 13	0.22	Aug 12	0.13	a Jul 10 1986
ANNUAL SEVEN-DAY MINIMUM	0.27	Sep 12	0.34	Dec 3	0.19	Jul 29 1986
MAXIMUM PEAK FLOW			133	Aug 26	b 3760	Oct 10 1990
MAXIMUM PEAK STAGE			3.79	Aug 26	10.69	Oct 10 1990
ANNUAL RUNOFF (CFSM)	0.21		0.15		1.00	
ANNUAL RUNOFF (INCHES)	2.86		1.98		13.63	
10 PERCENT EXCEEDS	13		9.4		49	
50 PERCENT EXCEEDS	1.1		0.89		12	
90 PERCENT EXCEEDS	0.33		0.39		1.7	

a Also occurred Jul. 20, 21, 1986.  
 b From rating curve extended above 1,500 ft<sup>3</sup>/s.  
 e Estimated



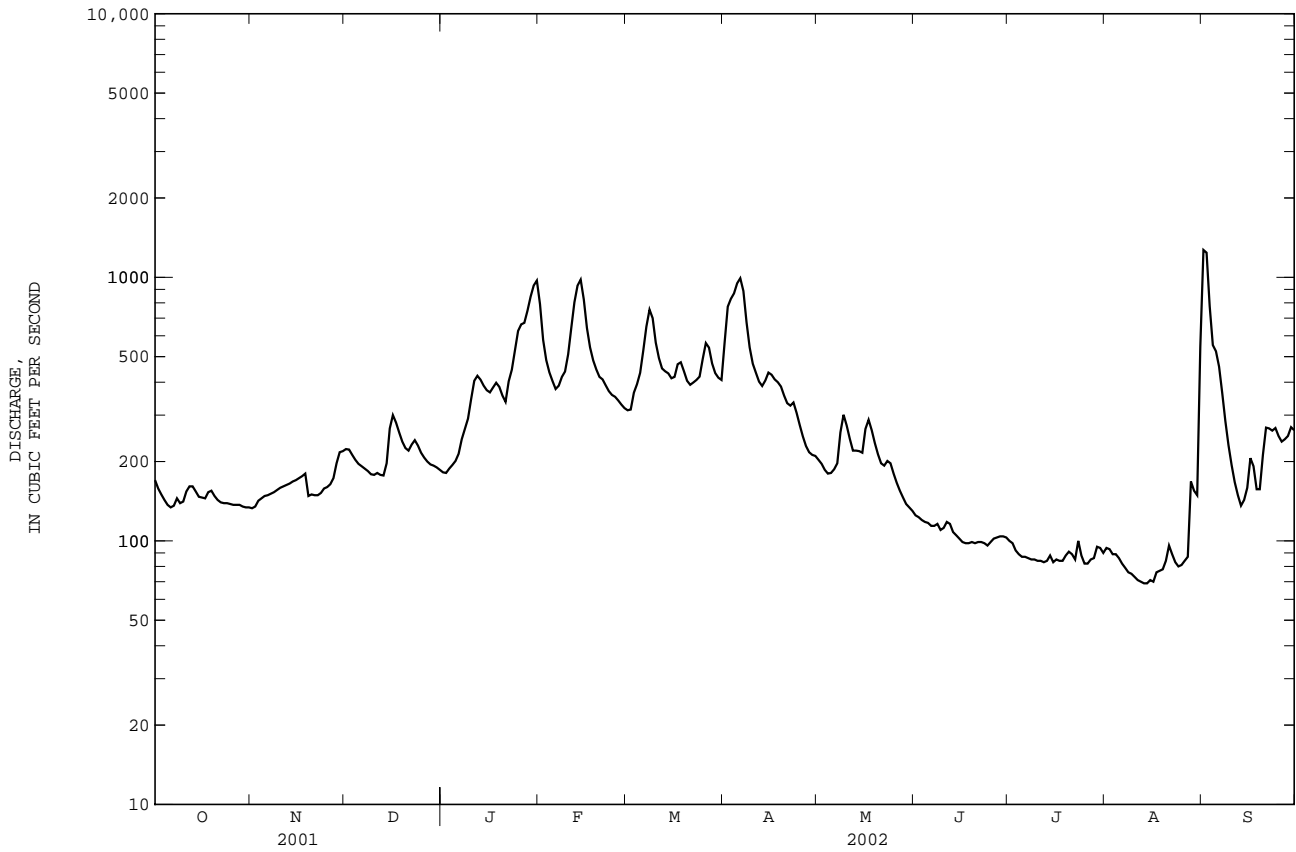


PEE DEE RIVER BASIN

02132000 LYNCHES RIVER AT EFFINGHAM, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1930 - 2002	
ANNUAL TOTAL	152050		98060		1032	
ANNUAL MEAN	417		269		1856	
HIGHEST ANNUAL MEAN					1998	
LOWEST ANNUAL MEAN					2002	
HIGHEST DAILY MEAN	2180	Mar 23	1270	Sep 1	24500	Sep 22 1945
LOWEST DAILY MEAN	106	Sep 21	69	Aug 13	69	Aug 13 2002
ANNUAL SEVEN-DAY MINIMUM	114	Sep 16	70	Aug 10	70	Aug 10 2002
MAXIMUM PEAK FLOW			1450	Sep 1	25000	Sep 22 1945
MAXIMUM PEAK STAGE			8.11	Sep 1	21.21	Sep 22 1945
INSTANTANEOUS LOW FLOW			68	Aug 14	68	Aug 14 2002
ANNUAL RUNOFF (CFSM)	0.40		0.26		1.00	
ANNUAL RUNOFF (INCHES)	5.49		3.54		13.62	
10 PERCENT EXCEEDS	902		533		2250	
50 PERCENT EXCEEDS	238		193		676	
90 PERCENT EXCEEDS	142		87		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 mi<sup>2</sup>, approximately.

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

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 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	397	301	501	440	1350	1260	1210	525	245	119	137	325
2	419	296	518	433	1380	1200	1250	495	240	119	134	367
3	444	290	527	453	1410	1360	1350	463	233	116	126	403
4	470	288	533	456	1450	1390	1440	436	223	111	123	425
5	496	285	534	461	1480	1490	1520	422	215	108	129	435
6	512	283	530	502	1520	1550	1610	412	206	107	132	430
7	514	286	517	565	e1620	1560	1700	412	203	100	123	408
8	502	287	496	617	e1660	1610	1810	433	201	95	110	390
9	478	285	471	674	e1700	1660	1900	457	206	92	100	386
10	453	282	449	728	1750	1670	1970	462	200	90	93	382
11	432	278	459	786	1790	1640	2060	515	191	92	88	375
12	415	275	445	849	1800	1590	2060	533	185	107	84	369
13	396	275	438	977	1810	1570	2080	488	180	116	80	358
14	382	275	441	1030	1820	1530	2090	475	183	122	80	382
15	378	275	449	1080	1810	1500	2070	444	190	118	79	476
16	380	273	443	1110	1800	1470	2030	412	173	114	76	560
17	383	272	445	1140	1780	1440	1970	389	164	108	73	541
18	387	272	454	1170	1740	1410	1910	382	164	102	75	476
19	392	273	454	1190	1710	1360	1820	384	173	95	80	440
20	386	278	459	1210	1680	1310	1700	356	175	92	e78	437
21	371	279	478	1220	1700	1280	1560	337	162	92	e80	434
22	356	277	497	1210	1660	1260	1390	324	153	89	e82	403
23	349	278	518	1220	1630	1250	1230	315	153	88	e79	375
24	346	298	531	1220	1610	1240	1080	310	148	91	e76	361
25	348	311	528	1230	1570	1240	984	303	145	95	e98	350
26	347	322	517	1240	1520	1240	889	295	144	95	92	350
27	341	341	504	1240	1450	1260	790	288	145	98	86	344
28	334	377	489	1250	1360	1260	709	280	137	102	98	344
29	324	427	476	1260	---	1250	635	275	128	105	119	336
30	315	472	462	1280	---	1230	570	267	123	118	167	327
31	307	---	450	1320	---	1200	---	255	---	133	255	---
TOTAL	12354	9011	15013	29561	45560	43280	45387	12144	5388	3229	3232	11989
MEAN	399	300	484	954	1627	1396	1513	392	180	104	104	400
MAX	514	472	534	1320	1820	1670	2090	533	245	133	255	560
MIN	307	272	438	433	1350	1200	570	255	123	88	73	325
CFSM	0.14	0.11	0.17	0.34	0.58	0.50	0.54	0.14	0.06	0.04	0.04	0.14
IN.	0.16	0.12	0.20	0.39	0.61	0.58	0.61	0.16	0.07	0.04	0.04	0.16

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1942 - 2002, BY WATER YEAR (WY)

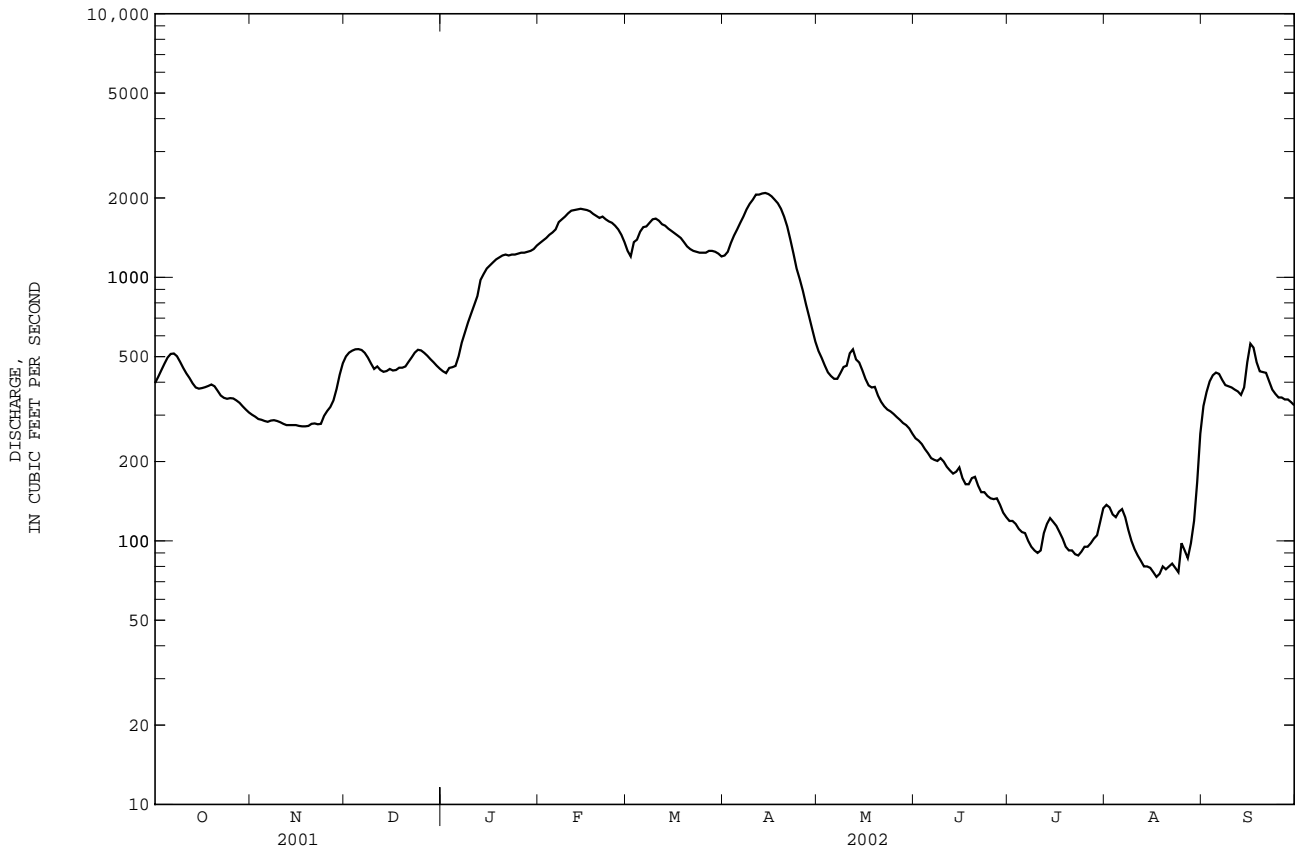
MEAN	2091	1810	2788	4275	5335	5719	4384	2228	1727	1815	2265	2436
MAX	14020	9623	10680	11760	15610	14710	12450	7308	7167	6650	11460	12410
(WY)	1965	1948	1949	1993	1973	1983	1973	1978	1966	1961	1974	1945
MIN	344	300	484	954	1361	1396	962	392	180	104	104	212
(WY)	1952	2002	2002	2002	1989	2002	1981	2002	2002	2002	2002	1954

PEE DEE RIVER BASIN

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

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1942 - 2002	
ANNUAL TOTAL	448708		236148		3071	
ANNUAL MEAN	1229		647		5947	
HIGHEST ANNUAL MEAN					1965	
LOWEST ANNUAL MEAN					2002	
HIGHEST DAILY MEAN	4850	Mar 25	2090	Apr 14	27500	Oct 9 1964
LOWEST DAILY MEAN	272	Aug 15	73	Aug 17	73	Aug 17 2002
ANNUAL SEVEN-DAY MINIMUM	274	Nov 13	77	Aug 14	77	Aug 14 2002
MAXIMUM PEAK FLOW			2100	Apr 14	27600	Oct 9 1964
MAXIMUM PEAK STAGE			6.96	Apr 14	13.01	Oct 9 1964
INSTANTANEOUS LOW FLOW			72	Aug 17	72	Aug 17 2002
ANNUAL RUNOFF (CFSM)	0.44		0.23		1.10	
ANNUAL RUNOFF (INCHES)	5.98		3.15		14.96	
10 PERCENT EXCEEDS	2960		1610		6920	
50 PERCENT EXCEEDS	922		427		2060	
90 PERCENT EXCEEDS	320		104		588	

e Estimated



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 September 2002.

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, 15,000 ft<sup>3</sup>/s, Jan. 29, 2002; minimum discharge, 8,750 ft<sup>3</sup>/s, July 10, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 15,000 ft<sup>3</sup>/s, Jan. 29; minimum discharge, 8,750 ft<sup>3</sup>/s, July 10.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	12300	-931	10000	-5640	---	---	---	---	13400	4730	11600	-1310
2	11900	-3520	10500	-4810	---	---	---	---	12700	3060	12700	590
3	11000	-4710	10300	-4490	---	---	---	---	13200	4850	13100	5850
4	10600	-6320	9790	-5130	---	---	---	---	13600	7220	12400	5810
5	10300	-6600	9780	-4050	---	---	---	---	12500	4790	11700	2920
6	9810	-5790	10200	-4020	---	---	---	---	11900	1820	11800	1820
7	9500	-5990	9970	-4110	---	---	---	---	13100	2910	13000	4430
8	9620	-6230	9750	-4420	---	---	---	---	13100	4910	13700	7350
9	9600	-5510	9710	-4120	---	---	---	---	13400	5830	13200	7450
10	9880	-5920	9650	-4160	---	---	---	---	13900	7200	13100	4230
11	9460	-6320	9650	-3970	---	---	---	---	14200	9490	11500	-536
12	9830	-5810	10000	-4780	---	---	---	---	14300	8990	10900	-1850
13	9950	-6060	10300	-6090	---	---	---	---	13900	8450	11000	-1750
14	10200	-6250	9700	-6200	---	---	---	---	13100	6650	11100	397
15	9950	-6830	9320	-6400	---	---	---	---	13600	7690	11900	2520
16	10300	-6460	9600	-5900	---	---	---	---	13600	7860	12600	4250
17	10000	-6440	9220	-6170	---	---	10600	-2270	13100	7200	12300	2660
18	10400	-6820	9180	-5750	---	---	10300	-1990	12400	4480	11900	2890
19	10500	-6270	9340	-6230	---	---	10900	-4810	11500	2560	11400	2660
20	10200	-5490	9050	-5640	---	---	10500	-2770	11300	117	11900	1540
21	9870	-5850	9310	-5880	---	---	10500	-1190	11700	2920	11200	866
22	9890	-5600	8890	-5850	---	---	11100	-598	12100	4250	10800	-1850
23	---	---	8660	-4920	---	---	12400	-439	12000	3250	11100	-2090
24	9400	-5910	8730	-5100	---	---	12700	4630	11900	409	12200	2490
25	9130	-5300	---	---	---	---	12800	4400	11700	-738	12300	4910
26	8740	-5840	---	---	---	---	13800	6560	11300	-2900	12300	3850
27	9000	-5830	---	---	---	---	14600	9070	10700	-3320	12300	1960
28	9060	-6100	---	---	---	---	14800	9760	11000	-3600	12600	2440
29	9400	-6110	---	---	---	---	15000	10200	---	---	13000	4010
30	9660	-6050	---	---	---	---	15000	10600	---	---	13200	5050
31	9800	-5830	---	---	---	---	14600	9100	---	---	13000	6210
MONTH	---	---	---	---	---	---	---	---	14300	-3600	13700	-2090



## PEE DEE RIVER BASIN

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

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	13000	6780	10200	-6100	---	---	8320	-5240	9430	-5980	9860	-4510
2	12800	4990	10200	-4940	---	---	8390	-5760	---	---	9670	-5560
3	12500	3870	9910	-2790	---	---	8160	-6670	---	---	10000	-1580
4	12500	5620	9330	-3790	---	---	9050	-4810	---	---	11400	1470
5	13000	5950	8980	-5590	9910	-4980	8710	-4730	---	---	11800	-1110
6	13400	7510	9720	-5340	9810	-4200	9420	-5570	---	---	11100	-3490
7	13200	7860	9900	-4860	9730	-6030	9250	-6890	---	---	11100	-5560
8	13000	5370	9160	-4460	8850	-6470	9050	-7260	---	---	10600	-5320
9	11800	-69	9300	-5180	9300	-7010	8180	-7710	9340	-6750	10300	-5510
10	10600	-345	9150	-5050	9840	-6450	8570	-8750	9940	-7260	10000	-6110
11	11400	1220	9380	-4480	9540	-6760	8310	-8490	9330	-7820	10300	-6060
12	12100	2780	10200	-4840	8840	-6460	9200	-7600	9040	-7260	9590	-5800
13	12100	3290	9760	-4190	8700	-6340	9620	-5560	9190	-6750	9330	-6090
14	12300	3950	9590	-5260	9230	-5920	9170	-6490	9370	-6890	9440	-5860
15	12100	1630	9710	-5540	9300	-4970	8460	-6890	---	---	9810	-5340
16	11700	394	9470	-5400	9310	-6650	8690	-8270	---	---	8840	-5230
17	11100	399	9690	-3530	9710	-4780	8370	-7550	---	---	9360	-5640
18	11300	489	9580	-4580	8940	-6450	8870	-8030	---	---	9550	-5900
19	11200	1240	9420	-5820	8700	-7220	8870	-7010	---	---	9580	-6890
20	11300	2850	10200	-4990	9170	-7710	9220	-7450	---	---	9940	-5670
21	11300	119	10300	-4110	8850	-7720	9120	-5640	---	---	9660	-5500
22	10400	-1300	9840	-5260	9690	-6160	9320	-6270	---	---	9820	-5710
23	10500	-5410	---	---	9350	-6340	9260	-8120	---	---	9720	-5590
24	10700	-4520	---	---	9120	-6520	8920	-8300	---	---	9410	-5760
25	10800	-3460	---	---	9230	-5650	8450	-8550	---	---	9370	-5580
26	10800	-3600	---	---	8820	-6310	8340	-8550	---	---	9870	-6370
27	11100	-3260	---	---	8590	-6700	8750	-6990	---	---	9530	-6110
28	10800	-4260	---	---	8540	-5100	9320	-5980	---	---	9330	-6560
29	10300	-5420	---	---	8030	-5350	9420	-5430	9120	-6370	9450	-6030
30	9350	-6140	---	---	8090	-5120	8460	-5460	9400	-6000	9830	-5400
31	---	---	---	---	---	---	8500	-6750	9590	-5240	---	---
MONTH	13400	-6140	---	---	---	---	9620	-8750	---	---	11800	-6890

02135200 PEE DEE RIVER AT HIGHWAY 701 NEAR BUCKSPORT, SC

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

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: April 1986 to September 1994 (discontinued).

pH: February 1986 to September 1989 (discontinued).

WATER TEMPERATURE: February 1986 to current year.

DISSOLVED OXYGEN: February 1986 to current year.

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

REMARKS.--Temperature records rated excellent. Dissolved oxygen records rated good except for June 12 to June 24, which are poor.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 310 microsiemens, Oct. 10, 23, 1986; minimum, 40 microsiemens, Mar. 10, 15, 17, 22, 1987.

pH: Maximum, 7.8 units, May 23, 1988; minimum, 5.0 units, Jul. 30, Aug. 9, 28, 1987.

WATER TEMPERATURE: Maximum, 33.5°C, Aug. 2, 1999; minimum, 0.5°C, Dec. 24 - 28, 1989.

DISSOLVED OXYGEN: Maximum, 13.5 mg/L, Jan. 6, 2002; minimum, 1.1 mg/L, Oct. 7, 8, 1989.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 32.6°C, July 31; minimum, 5.0°C, Jan. 5, 6.

DISSOLVED OXYGEN: Maximum, 13.5 mg/L, Jan. 6; minimum, 3.2 mg/L, July 20.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	21.3	20.7	21.0	17.5	16.3	16.9	18.7	18.0	18.4	8.5	7.9	8.2
2	21.4	20.4	20.7	17.5	16.3	16.8	19.0	18.5	18.7	7.9	7.1	7.5
3	21.6	20.4	20.8	17.3	16.4	16.8	18.7	18.3	18.5	7.1	6.0	6.7
4	21.8	20.6	21.0	17.2	16.6	16.9	18.5	17.8	18.1	6.2	5.3	5.8
5	21.8	21.0	21.4	17.0	16.7	16.8	18.0	17.4	17.7	5.7	5.0	5.3
6	22.0	21.4	21.8	16.8	16.2	16.5	17.6	17.0	17.3	5.6	5.0	5.2
7	21.9	21.3	21.6	16.7	16.0	16.4	17.4	16.9	17.1	5.6	5.3	5.4
8	21.6	20.7	21.2	16.5	15.9	16.2	17.2	16.9	17.0	5.9	5.3	5.6
9	20.9	20.2	20.6	16.5	15.9	16.1	---	---	---	6.2	5.4	5.8
10	20.3	20.0	20.1	16.4	15.8	16.1	---	---	---	---	---	---
11	20.7	19.9	20.3	16.1	15.7	15.9	---	---	---	---	---	---
12	20.8	20.2	20.5	16.0	15.4	15.6	---	---	---	---	---	---
13	21.1	20.3	20.8	15.5	14.8	15.1	---	---	---	---	---	---
14	21.2	20.7	21.0	15.2	14.6	14.9	---	---	---	---	---	---
15	21.5	20.8	21.2	15.1	14.6	14.9	---	---	---	---	---	---
16	21.6	20.8	21.2	15.2	14.6	14.9	---	---	---	---	---	---
17	21.0	20.4	20.7	15.3	14.7	15.0	---	---	---	9.3	8.3	8.6
18	20.4	19.6	20.1	15.1	14.8	15.0	---	---	---	9.2	8.4	8.7
19	20.0	19.3	19.6	15.2	14.7	15.0	---	---	---	9.9	8.8	9.4
20	20.0	19.2	19.6	15.2	14.8	15.0	---	---	---	10.4	9.3	9.9
21	20.1	19.4	19.7	15.1	14.6	14.8	---	---	---	10.2	9.6	9.9
22	20.3	19.6	19.9	15.0	14.2	14.6	---	---	---	9.8	9.2	9.5
23	20.7	19.9	20.3	14.8	14.6	14.7	---	---	---	9.5	9.1	9.2
24	21.4	20.4	20.8	15.2	14.5	14.9	11.5	11.2	11.4	9.8	9.1	9.4
25	22.1	21.2	21.6	15.6	15.2	15.4	11.2	10.9	11.0	10.2	9.2	9.8
26	21.6	21.0	21.3	16.3	15.5	15.9	10.9	10.2	10.6	10.1	9.4	9.8
27	21.0	20.0	20.5	16.7	16.0	16.3	10.2	9.5	9.8	10.1	8.9	9.3
28	20.0	18.8	19.2	16.9	16.2	16.5	9.5	9.0	9.2	10.0	9.0	9.5
29	18.8	18.0	18.3	17.5	16.7	17.0	9.6	8.8	9.1	10.3	9.4	9.9
30	18.1	17.2	17.6	18.2	17.3	17.7	9.2	8.4	8.8	11.6	10.0	10.8
31	17.5	16.6	17.1	---	---	---	8.5	8.0	8.2	13.5	11.3	12.3
MONTH	22.1	16.6	20.4	18.2	14.2	15.8	---	---	---	---	---	---

## PEE DEE RIVER BASIN

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

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	15.4	13.0	14.2	11.6	10.2	10.7	19.8	18.2	18.9	23.6	23.0	23.2
2	15.4	14.0	14.9	10.8	10.1	10.3	19.5	18.1	18.9	24.9	22.9	23.6
3	14.6	13.8	14.3	11.8	10.6	11.1	20.0	18.8	19.4	25.1	23.6	24.1
4	13.8	11.9	12.9	11.8	10.8	11.3	19.7	18.6	19.3	24.6	24.0	24.3
5	11.9	10.7	11.2	11.0	10.3	10.6	18.8	18.1	18.5	24.4	23.4	23.9
6	11.0	9.6	10.3	10.6	10.0	10.2	18.1	17.4	17.7	24.0	23.2	23.7
7	10.0	9.1	9.6	11.1	10.3	10.6	17.5	16.6	17.0	23.7	23.1	23.5
8	9.4	8.9	9.2	11.4	10.7	11.1	17.0	16.5	16.8	24.4	23.2	23.8
9	9.6	9.0	9.3	12.8	10.6	11.8	17.6	16.7	17.2	25.3	23.9	24.5
10	9.9	9.2	9.6	13.9	12.2	13.2	18.4	17.6	18.1	26.2	24.8	25.5
11	10.3	9.5	10.0	14.3	13.2	13.8	19.2	18.4	18.8	26.6	25.8	26.3
12	10.5	9.6	10.1	14.6	13.5	13.9	19.6	19.0	19.3	26.9	26.0	26.3
13	10.3	9.7	10.1	15.3	13.7	14.4	20.1	19.3	19.7	27.0	25.8	26.1
14	10.6	9.9	10.2	---	---	---	20.3	19.6	20.0	26.5	25.5	25.9
15	10.2	9.8	10.0	---	---	---	21.2	20.2	20.7	26.3	25.2	25.6
16	10.0	9.4	9.7	---	---	---	22.4	20.9	21.7	26.0	24.9	25.3
17	10.4	9.4	9.9	---	---	---	23.7	22.2	22.7	25.6	24.7	25.0
18	10.1	9.5	9.8	18.0	17.1	17.6	24.3	23.0	23.5	25.3	24.5	24.9
19	10.3	9.5	9.7	17.6	16.9	17.4	24.7	23.5	24.1	24.5	23.6	24.0
20	10.9	9.7	10.2	18.0	17.1	17.5	24.9	24.2	24.6	23.6	22.8	23.1
21	12.2	10.5	11.6	18.1	17.2	17.8	25.2	24.7	24.9	22.8	21.7	22.1
22	12.5	12.0	12.3	17.4	16.3	17.0	25.5	25.0	25.2	22.0	21.0	21.5
23	12.3	11.5	12.0	16.4	15.2	16.0	25.5	24.8	25.1	---	---	---
24	11.8	11.1	11.4	15.6	14.9	15.2	24.9	23.8	24.2	---	---	---
25	12.3	11.0	11.4	16.0	15.1	15.5	24.1	23.3	23.7	---	---	---
26	12.8	11.2	11.9	16.9	15.4	16.2	23.9	22.9	23.3	---	---	---
27	13.0	11.6	12.3	18.0	16.2	17.3	23.6	22.6	23.0	---	---	---
28	12.3	10.7	11.5	18.5	16.8	17.6	24.3	22.3	23.0	---	---	---
29	---	---	---	18.4	17.0	17.6	24.3	22.7	23.4	---	---	---
30	---	---	---	17.9	17.3	17.6	23.6	22.9	23.3	---	---	---
31	---	---	---	18.7	17.2	18.0	---	---	---	---	---	---
MONTH	15.4	8.9	11.1	---	---	---	25.5	16.5	21.2	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	---	---	---	29.9	28.9	29.4	32.0	31.4	31.6	26.7	26.0	26.2
2	---	---	---	30.3	29.1	29.6	31.9	31.2	31.5	26.0	25.4	25.5
3	---	---	---	30.3	29.3	29.7	---	---	---	26.1	25.2	25.7
4	---	---	---	30.6	29.5	30.0	---	---	---	26.3	25.5	26.0
5	29.6	28.9	29.3	31.1	29.6	30.2	---	---	---	26.7	26.0	26.3
6	29.6	28.5	29.1	31.2	30.4	30.7	---	---	---	27.1	26.3	26.7
7	29.5	29.0	29.2	31.0	30.1	30.5	---	---	---	27.5	26.7	27.0
8	29.0	28.2	28.6	30.4	29.8	30.2	---	---	---	27.5	26.8	27.0
9	28.8	27.9	28.3	30.5	29.7	30.1	---	---	---	27.0	26.4	26.7
10	28.5	27.5	28.0	30.6	29.6	30.1	---	---	---	27.3	26.2	26.7
11	28.1	27.1	27.6	30.4	29.6	30.0	---	---	---	27.4	26.2	26.8
12	28.5	27.2	27.8	29.7	29.2	29.4	---	---	---	27.0	26.6	26.8
13	29.0	27.6	28.2	29.8	28.8	29.3	28.8	28.2	28.4	27.0	26.6	26.8
14	29.1	28.1	28.6	29.4	28.6	29.0	28.5	28.3	28.3	26.8	26.6	26.7
15	29.7	28.5	29.1	29.6	28.8	29.2	---	---	---	27.0	26.6	26.8
16	30.1	28.9	29.4	30.2	29.1	29.6	---	---	---	27.0	26.5	26.8
17	29.5	29.0	29.2	30.4	29.5	29.9	---	---	---	27.0	26.5	26.8
18	29.1	28.5	28.7	30.7	29.8	30.3	---	---	---	26.8	26.4	26.6
19	28.5	28.2	28.4	31.4	30.2	30.7	---	---	---	27.1	26.4	26.7
20	28.2	27.5	27.8	31.9	30.7	31.3	---	---	---	27.3	26.5	26.8
21	27.5	27.0	27.2	31.8	31.2	31.4	---	---	---	27.5	26.4	26.8
22	27.0	26.4	26.7	31.6	30.9	31.2	---	---	---	27.4	26.4	26.7
23	26.6	26.1	26.4	31.0	30.3	30.5	---	---	---	27.2	26.6	26.8
24	27.2	26.2	26.7	30.3	29.8	30.1	---	---	---	26.8	26.3	26.6
25	27.7	26.8	27.2	30.7	29.7	30.1	---	---	---	26.4	26.1	26.3
26	27.9	27.2	27.6	31.2	30.0	30.4	---	---	---	26.5	26.0	26.3
27	28.3	27.6	27.9	31.2	30.1	30.6	---	---	---	26.7	26.1	26.5
28	29.2	27.6	28.2	31.6	30.3	30.8	---	---	---	27.4	26.5	26.9
29	29.7	28.0	28.7	32.1	30.7	31.3	28.9	28.1	28.5	27.1	26.9	27.0
30	29.6	28.7	29.1	32.1	31.0	31.5	28.1	27.5	27.8	26.9	26.5	26.7
31	---	---	---	32.6	31.4	31.8	27.5	26.7	27.0	---	---	---
MONTH	---	---	---	32.6	28.6	30.3	---	---	---	27.5	25.2	26.6

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

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	7.2	6.6	6.9	9.1	7.8	8.4	7.2	6.9	7.0	11.5	11.0	11.3
2	7.2	6.4	6.9	9.6	8.1	8.9	7.0	6.7	6.8	11.7	11.2	11.5
3	7.2	6.7	6.9	9.7	8.8	9.3	6.9	6.6	6.8	12.2	11.6	11.9
4	6.9	6.4	6.7	9.4	8.8	9.1	6.9	6.5	6.7	12.5	11.9	12.2
5	6.6	6.4	6.5	8.9	8.3	8.7	6.9	6.5	6.7	13.0	12.3	12.6
6	6.6	6.2	6.5	8.5	7.9	8.2	7.0	6.7	6.9	13.5	13.0	13.3
7	6.6	6.4	6.5	8.2	7.6	7.9	7.2	6.7	7.0	13.3	12.8	13.1
8	6.6	6.4	6.5	8.4	7.7	8.0	7.3	6.8	7.1	13.0	12.6	12.8
9	6.6	6.4	6.5	8.0	7.5	7.8	---	---	---	12.9	12.2	12.6
10	6.6	6.4	6.5	7.8	7.3	7.6	---	---	---	12.8	12.4	12.6
11	6.6	6.4	6.5	7.6	7.2	7.4	---	---	---	---	---	---
12	7.0	6.4	6.5	7.7	7.2	7.5	---	---	---	---	---	---
13	8.1	6.4	7.3	7.8	7.4	7.6	---	---	---	---	---	---
14	8.3	7.2	7.7	7.9	7.4	7.7	---	---	---	---	---	---
15	8.7	7.7	8.2	7.9	7.4	7.7	---	---	---	---	---	---
16	8.2	7.8	8.0	7.9	7.4	7.7	---	---	---	---	---	---
17	7.8	7.5	7.7	7.8	7.5	7.7	---	---	---	10.7	10.4	10.6
18	7.8	7.2	7.5	7.8	7.3	7.6	---	---	---	10.6	10.3	10.5
19	7.9	7.1	7.5	7.7	7.3	7.5	---	---	---	10.6	10.3	10.5
20	8.0	7.2	7.6	7.7	7.3	7.5	---	---	---	10.6	10.1	10.3
21	7.9	7.0	7.5	8.1	7.4	7.8	---	---	---	10.4	10.0	10.2
22	8.6	7.4	7.9	8.1	7.7	7.9	---	---	---	10.4	10.0	10.2
23	8.6	7.6	8.0	8.0	7.6	7.9	---	---	---	10.9	10.2	10.5
24	8.6	7.4	7.9	8.0	7.7	7.9	9.9	9.4	9.7	11.2	10.2	10.7
25	7.8	6.9	7.4	8.0	7.6	7.9	9.9	9.7	9.8	11.0	10.0	10.5
26	7.1	6.5	6.9	7.8	7.3	7.7	10.0	9.7	9.9	10.7	10.1	10.4
27	7.2	6.5	6.8	7.7	7.3	7.6	10.3	9.7	10.0	10.5	9.9	10.2
28	7.5	6.7	7.1	7.7	7.2	7.6	10.4	10.0	10.2	10.4	9.6	10.0
29	8.0	7.0	7.4	7.6	7.3	7.5	10.5	9.9	10.3	9.9	9.3	9.6
30	8.5	7.4	7.9	7.5	7.1	7.3	10.7	10.0	10.5	9.5	8.5	9.0
31	8.6	7.8	8.2	---	---	---	11.1	10.6	10.9	8.6	7.2	8.0
MONTH	8.7	6.2	7.2	9.7	7.1	7.9	---	---	---	---	---	---
	FEBRUARY			MARCH			APRIL			MAY		
1	7.2	6.6	6.9	9.3	8.5	8.9	7.4	6.6	6.9	5.4	5.0	5.3
2	7.6	6.6	7.0	9.8	9.1	9.6	7.3	6.4	6.7	5.7	4.8	5.3
3	8.1	7.2	7.6	10.0	9.2	9.6	7.0	6.1	6.4	6.4	5.4	5.8
4	8.6	7.6	8.1	9.8	9.0	9.2	6.8	6.2	6.5	6.2	5.5	5.9
5	8.6	8.1	8.4	9.7	8.9	9.2	7.0	6.3	6.7	5.9	5.6	5.8
6	8.9	8.3	8.6	9.9	9.3	9.6	7.4	6.8	7.1	5.9	5.6	5.7
7	9.9	8.8	9.4	10.1	9.5	9.8	7.5	7.0	7.2	6.2	5.6	5.9
8	10.3	9.7	9.9	10.4	9.7	10.0	7.3	6.7	7.1	6.4	5.9	6.2
9	10.3	9.9	10.1	10.4	9.3	9.9	7.2	6.6	7.0	6.8	6.0	6.4
10	10.6	10.0	10.2	9.6	7.9	8.8	6.8	6.2	6.6	6.8	6.3	6.5
11	10.5	9.8	10.1	8.6	7.4	8.1	6.6	6.0	6.3	6.6	6.1	6.3
12	10.4	9.6	10.0	8.1	7.5	7.8	6.6	5.9	6.3	6.6	6.0	6.2
13	10.1	9.1	9.5	7.9	7.2	7.6	6.6	5.8	6.2	6.7	5.9	6.2
14	9.8	9.1	9.4	7.6	7.2	7.5	6.7	5.7	6.2	6.7	6.0	6.3
15	10.1	9.3	9.7	---	---	---	6.4	5.5	5.9	6.8	6.2	6.4
16	10.2	9.5	9.8	---	---	---	6.2	5.5	5.8	6.8	6.1	6.5
17	10.0	9.4	9.6	---	---	---	5.9	5.2	5.5	7.6	6.5	7.0
18	9.7	9.1	9.5	---	---	---	5.8	4.9	5.3	7.6	7.1	7.3
19	9.6	8.9	9.4	7.6	6.8	7.1	5.6	4.9	5.2	7.6	6.9	7.3
20	9.5	8.9	9.3	7.4	6.6	7.0	5.7	4.8	5.2	7.3	6.8	7.0
21	9.3	8.7	8.9	7.2	6.5	6.8	5.7	4.6	5.0	7.3	6.8	7.0
22	9.1	8.2	8.7	7.5	6.8	7.1	5.3	4.6	4.8	7.6	7.1	7.4
23	9.3	8.4	8.8	7.4	6.9	7.1	5.2	4.6	4.8	---	---	---
24	9.3	8.5	8.9	8.1	7.3	7.7	4.9	4.6	4.8	---	---	---
25	9.1	8.5	8.8	8.2	7.8	8.0	5.3	4.8	5.1	---	---	---
26	9.0	8.5	8.8	8.2	7.6	7.9	6.6	5.1	5.8	---	---	---
27	8.9	8.4	8.7	8.1	7.1	7.5	6.9	5.7	6.2	---	---	---
28	8.8	8.5	8.7	7.6	7.0	7.3	6.2	5.3	5.7	---	---	---
29	---	---	---	7.7	7.0	7.4	6.2	5.5	5.9	---	---	---
30	---	---	---	7.7	6.8	7.3	5.9	5.3	5.6	---	---	---
31	---	---	---	7.6	6.7	7.1	---	---	---	---	---	---
MONTH	10.6	6.6	9.0	---	---	---	7.5	4.6	6.0	---	---	---

## PEE DEE RIVER BASIN

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

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	---	---	---	8.3	6.1	6.9	5.1	4.6	4.9	4.4	4.0	4.2
2	---	---	---	6.7	5.7	6.1	4.7	4.3	4.5	4.3	3.6	4.0
3	---	---	---	7.8	5.7	6.5	---	---	---	4.2	3.8	4.0
4	---	---	---	6.9	5.6	6.4	---	---	---	4.7	3.9	4.3
5	8.5	7.2	7.9	5.8	4.5	5.1	---	---	---	4.5	3.9	4.2
6	8.8	7.2	8.0	5.0	4.3	4.6	---	---	---	4.5	3.9	4.2
7	8.0	6.8	7.2	5.4	4.0	4.6	---	---	---	4.6	3.9	4.3
8	7.5	6.0	6.7	5.1	4.5	4.8	---	---	---	4.4	3.9	4.2
9	7.7	5.7	6.8	4.6	4.2	4.4	---	---	---	4.4	4.1	4.2
10	6.8	5.8	6.4	4.5	4.0	4.3	---	---	---	4.7	4.1	4.3
11	7.0	5.1	6.2	4.4	4.0	4.2	---	---	---	4.8	4.3	4.4
12	6.4	5.0	5.6	4.4	3.8	4.2	5.8	5.4	5.6	4.6	4.2	4.4
13	5.8	4.2	5.0	3.9	3.4	3.6	5.7	5.1	5.4	4.8	4.2	4.5
14	6.8	4.2	5.3	4.3	3.4	3.9	5.5	5.0	5.3	5.0	4.4	4.8
15	6.0	4.8	5.4	4.8	4.0	4.3	5.5	4.7	5.1	4.9	4.5	4.7
16	6.6	4.5	5.3	4.2	3.6	4.0	---	---	---	4.8	4.5	4.7
17	6.6	4.5	5.3	3.8	3.5	3.7	---	---	---	4.8	4.3	4.6
18	6.0	4.8	5.4	3.7	3.4	3.5	---	---	---	4.6	4.2	4.4
19	6.4	4.9	5.4	3.6	3.4	3.5	---	---	---	4.4	4.0	4.2
20	6.0	4.5	5.1	3.7	3.2	3.4	---	---	---	4.5	3.9	4.3
21	5.5	4.2	5.1	4.0	3.4	3.7	---	---	---	4.7	4.2	4.5
22	6.0	4.6	5.1	4.4	3.7	4.0	---	---	---	4.8	4.2	4.5
23	---	---	---	4.7	3.9	4.3	---	---	---	4.7	4.3	4.5
24	---	---	---	4.6	4.0	4.3	---	---	---	4.6	4.3	4.5
25	6.5	4.9	5.7	4.4	3.9	4.1	---	---	---	4.8	4.4	4.5
26	6.3	5.6	6.0	4.4	3.8	4.1	---	---	---	4.9	4.6	4.8
27	5.8	4.8	5.3	4.4	3.7	4.1	---	---	---	---	---	---
28	6.1	4.6	5.4	4.2	3.4	3.8	---	---	---	---	---	---
29	7.3	5.4	6.3	4.3	3.5	3.9	4.4	3.9	4.1	---	---	---
30	7.0	5.5	6.3	5.0	4.0	4.5	4.1	3.7	3.9	---	---	---
31	---	---	---	5.4	4.4	4.9	4.7	3.9	4.2	---	---	---
MONTH	---	---	---	8.3	3.2	4.4	---	---	---	---	---	---

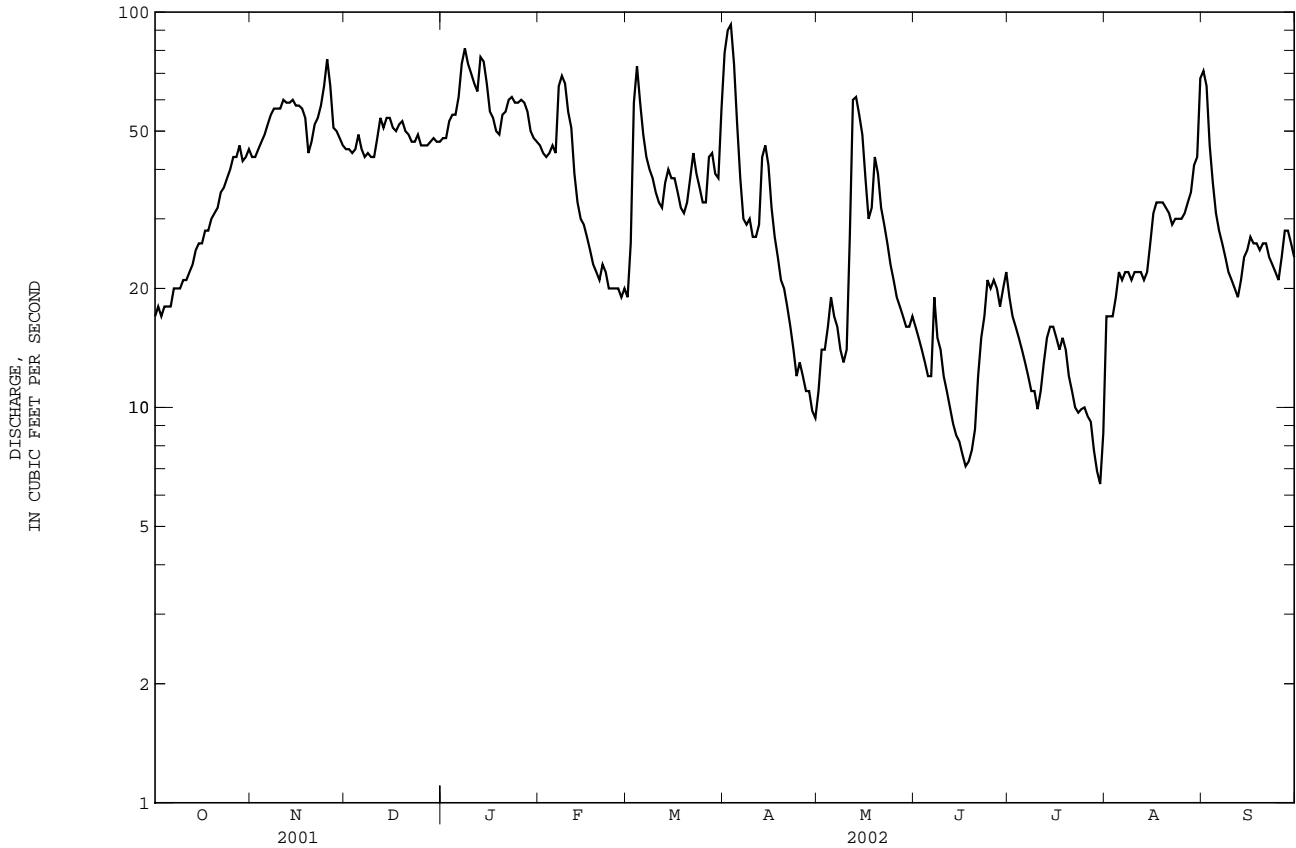


PEE DEE RIVER BASIN

02135300 SCAPE ORE SWAMP NEAR BISHOPVILLE, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1968 - 2002	
ANNUAL TOTAL	13255.7		12381.5		98.5	
ANNUAL MEAN	36.3		33.9		170	
HIGHEST ANNUAL MEAN					33.4	
LOWEST ANNUAL MEAN					1991	
HIGHEST DAILY MEAN	119	Mar 21	93	Apr 3	4150	Oct 12 1990
LOWEST DAILY MEAN	6.0	May 28	6.4	Jul 30	3.5	Jul 24 1986
ANNUAL SEVEN-DAY MINIMUM	6.6	May 22	7.9	Jun 14	3.9	Jul 21 1986
MAXIMUM PEAK FLOW			94	Apr 3	4500	Oct 12 1990
MAXIMUM PEAK STAGE			5.32	Apr 3	11.80	Oct 12 1990
ANNUAL RUNOFF (CFSM)	0.38		0.35		1.03	
ANNUAL RUNOFF (INCHES)	5.14		4.80		13.94	
10 PERCENT EXCEEDS	73		59		200	
50 PERCENT EXCEEDS	31		30		74	
90 PERCENT EXCEEDS	10		12		17	

e Estimated







## PEE DEE RIVER BASIN

021355200 TURKEY CREEK AT SUMTER, SC--Continued

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.0	2.9	3.2	3.7	6.3	7.9	33	e27	e0.00	e0.00	e11	5.7
2	3.7	0.23	3.2	5.0	5.8	45	11	0.78	e0.00	e0.00	e0.00	4.1
3	3.1	0.02	3.3	8.0	5.9	13	4.8	e0.00	e0.00	e0.00	e0.00	1.1
4	2.8	0.00	3.2	7.1	5.9	4.5	2.4	e9.5	e0.00	e0.00	e0.00	0.07
5	3.7	e0.00	3.2	5.8	5.5	4.4	0.35	e1.2	e0.00	e0.00	e0.00	0.01
6	12	e0.00	3.0	15	6.8	5.7	0.04	e0.00	e0.00	e0.00	e0.00	e0.00
7	6.6	0.00	3.2	5.4	28	6.1	0.01	e0.00	e10	e0.00	e0.00	e0.00
8	1.0	0.13	3.5	2.8	7.8	6.4	0.01	e0.00	e0.00	e0.00	e0.00	e0.00
9	1.4	0.01	3.3	0.45	5.8	6.9	0.00	e0.00	e0.00	e0.00	e0.00	e0.00
10	2.0	0.01	3.1	0.25	7.5	8.4	0.04	e0.00	e0.00	e0.00	e0.00	e0.00
11	1.9	0.01	5.1	e8.3	6.9	6.3	2.4	e29	e0.00	e0.00	e0.00	e0.00
12	2.3	0.02	3.2	e12	6.9	8.7	11	e1.1	e0.00	e0.00	e0.00	e0.00
13	3.2	0.12	3.9	13	6.7	11	7.1	e4.2	e0.00	e0.00	e0.00	e0.00
14	9.6	0.64	3.3	3.5	6.6	6.9	10	e6.2	e0.00	e0.00	e0.00	e0.00
15	3.9	2.9	2.5	3.5	6.6	6.0	9.0	e0.00	e0.00	e0.00	e0.24	e7.6
16	1.8	2.1	2.6	1.6	7.2	6.1	3.7	e0.00	e0.00	e0.00	e1.3	e2.4
17	e0.11	0.96	3.5	0.46	6.6	5.9	3.2	e0.00	e0.00	e0.00	e37	e0.00
18	0.01	1.0	6.4	0.38	6.0	5.2	2.6	e25	e0.00	e0.00	e4.3	e0.00
19	0.01	1.6	3.4	0.62	6.7	4.9	0.68	e2.1	e0.00	e0.00	e0.00	7.1
20	0.02	3.0	3.0	5.3	7.6	4.9	0.39	e0.00	e0.00	e0.00	e0.01	e0.01
21	0.01	3.0	2.8	2.7	8.0	16	0.06	e0.00	e0.00	e0.00	e0.00	e0.00
22	0.02	3.0	2.4	4.1	7.3	5.4	0.01	e0.00	e0.00	e21	e0.00	e0.00
23	0.18	3.3	2.2	5.1	6.9	3.3	0.01	e0.00	e0.00	e8.5	e0.00	e0.00
24	1.7	10	2.9	5.3	5.9	3.6	0.00	e0.00	e0.00	e0.00	e0.00	e2.0
25	1.5	1.3	3.0	7.3	5.5	3.6	2.1	e0.00	e3.2	e0.00	e38	e0.00
26	0.19	0.99	3.1	5.1	6.1	13	e0.05	e0.00	e4.2	e0.00	13	e15
27	0.04	2.4	3.2	5.1	5.7	13	e0.00	e0.00	e0.59	e0.00	11	3.9
28	0.01	2.7	3.0	5.9	6.1	3.8	e0.00	e0.00	e0.00	e0.00	43	e0.87
29	0.01	2.9	3.1	8.2	---	2.1	e0.00	e0.00	e0.00	e0.00	12	e0.00
30	0.32	3.1	3.5	6.1	---	3.1	e0.00	e0.00	e0.00	e0.00	15	e0.00
31	2.8	---	3.7	6.1	---	95	---	e0.00	---	e12	14	---
TOTAL	68.93	48.34	102.0	163.16	204.6	336.1	103.95	106.08	17.99	41.50	199.85	49.86
MEAN	2.22	1.61	3.29	5.26	7.31	10.8	3.46	3.42	0.60	1.34	6.45	1.66
MAX	12	10	6.4	15	28	95	33	29	10	21	43	15
MIN	0.01	0.00	2.2	0.25	5.5	2.1	0.00	0.00	0.00	0.00	0.00	0.00
CFSM	0.22	0.16	0.33	0.52	0.73	1.08	0.34	0.34	0.06	0.13	0.64	0.17
IN.	0.25	0.18	0.38	0.60	0.76	1.24	0.38	0.39	0.07	0.15	0.74	0.18

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2001 - 2002, BY WATER YEAR (WY)

	2001	2002	2001	2002	2001	2002	2001	2002	2001	2002	2001	2002
MEAN	2.22	1.61	3.29	5.26	5.48	8.39	2.05	6.43	9.40	1.93	5.34	5.58
MAX	2.22	1.61	3.29	5.26	7.31	10.8	3.47	9.43	18.2	2.52	6.45	9.49
(WY)	2002	2002	2002	2002	2002	2002	2002	2001	2001	2001	2002	2001
MIN	2.22	1.61	3.29	5.26	3.64	5.94	0.63	3.42	0.60	1.34	4.23	1.66
(WY)	2002	2002	2002	2002	2001	2001	2001	2002	2002	2002	2001	2002

021355200 TURKEY CREEK AT SUMTER, SC--Continued

SUMMARY STATISTICS

FOR 2002 WATER YEAR

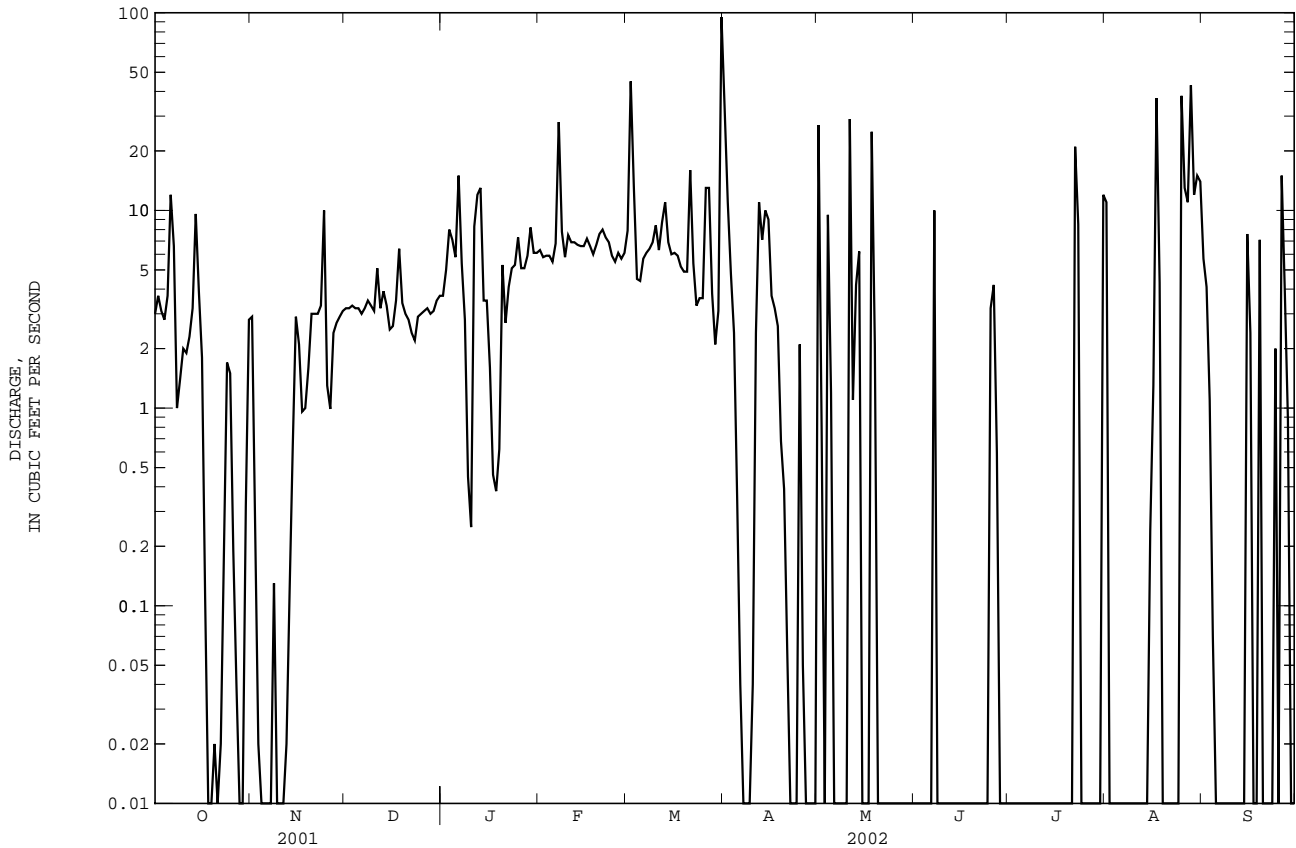
WATER YEARS 2001 - 2002

ANNUAL TOTAL	1442.36		
ANNUAL MEAN	3.95		3.95
HIGHEST ANNUAL MEAN			3.95 2002
LOWEST ANNUAL MEAN			3.95 2002
HIGHEST DAILY MEAN	95	Mar 31	266 Sep 24 2001
LOWEST DAILY MEAN	0.00	a Nov 4	0.00 b Feb 19 2001
ANNUAL SEVEN-DAY MINIMUM	0.00	May 20	0.00 Apr 11 2001
MAXIMUM PEAK FLOW	433	Mar 31	860 Jun 13 2001
MAXIMUM PEAK STAGE	6.30	Mar 31	7.15 Jun 13 2001
ANNUAL RUNOFF (CFSM)	0.39		0.39
ANNUAL RUNOFF (INCHES)	5.33		5.34
10 PERCENT EXCEEDS	8.8		8.8
50 PERCENT EXCEEDS	2.0		2.0
90 PERCENT EXCEEDS	0.00		0.00

a Also occurred Nov. 5-7, Apr. 9, 24, 27-30, and on many days in May to September.

b 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.

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 mi<sup>2</sup>.

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 fair except for estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	36	13	23	49	171	169	239	75	22	14	4.5	117
2	35	13	24	50	166	179	251	68	37	11	4.2	314
3	36	12	26	55	162	246	261	72	38	9.2	5.5	330
4	37	12	26	58	158	291	271	77	32	7.8	5.1	236
5	37	12	27	63	153	306	288	79	26	7.0	5.1	169
6	36	12	28	72	150	316	325	82	22	6.5	4.2	137
7	36	12	29	78	179	325	370	91	20	6.7	3.6	120
8	36	12	30	86	206	334	408	88	17	6.8	3.2	104
9	38	12	31	92	226	341	442	79	15	6.1	2.9	96
10	39	12	33	96	241	345	475	69	14	5.4	2.7	81
11	39	12	38	100	249	344	512	62	13	5.5	2.6	67
12	37	12	42	105	251	339	547	57	11	6.4	2.4	53
13	35	12	47	120	254	340	563	61	10	7.0	2.3	44
14	33	12	51	131	257	346	564	65	9.6	7.9	3.1	46
15	31	12	52	147	258	355	557	58	9.2	5.7	3.9	61
16	28	12	52	157	259	359	542	55	8.5	5.4	3.2	172
17	26	12	52	168	255	353	e535	49	7.8	6.3	10	207
18	24	12	52	179	247	341	e352	47	8.0	5.7	9.9	211
19	22	13	52	190	240	324	e318	42	7.8	5.0	4.9	193
20	21	13	55	199	235	306	e295	39	8.9	5.6	4.1	153
21	19	13	57	204	244	288	e288	40	8.4	7.8	3.7	124
22	18	14	58	205	242	272	e306	37	9.2	5.0	3.3	105
23	17	15	58	203	242	260	261	34	10	5.1	3.2	89
24	16	16	59	200	236	248	207	30	9.8	4.6	3.0	77
25	15	17	58	195	227	237	171	27	12	4.4	11	67
26	14	18	57	189	215	227	140	25	14	4.2	17	86
27	13	19	56	185	199	221	120	23	13	4.1	14	87
28	13	20	55	182	183	220	105	21	11	4.5	12	100
29	13	20	53	180	---	220	92	20	25	5.8	14	101
30	13	22	51	178	---	219	80	20	21	5.1	26	102
31	13	---	50	175	---	221	---	21	---	4.7	49	---
TOTAL	826	418	1382	4291	6105	8892	9885	1613	470.2	196.3	243.6	3849
MEAN	26.6	13.9	44.6	138	218	287	330	52.0	15.7	6.33	7.86	128
MAX	39	22	59	205	259	359	564	91	38	14	49	330
MIN	13	12	23	49	150	169	80	20	7.8	4.1	2.3	44
CFSM	0.02	0.01	0.04	0.11	0.17	0.23	0.26	0.04	0.01	0.01	0.01	0.10
IN.	0.02	0.01	0.04	0.13	0.18	0.26	0.29	0.05	0.01	0.01	0.01	0.11

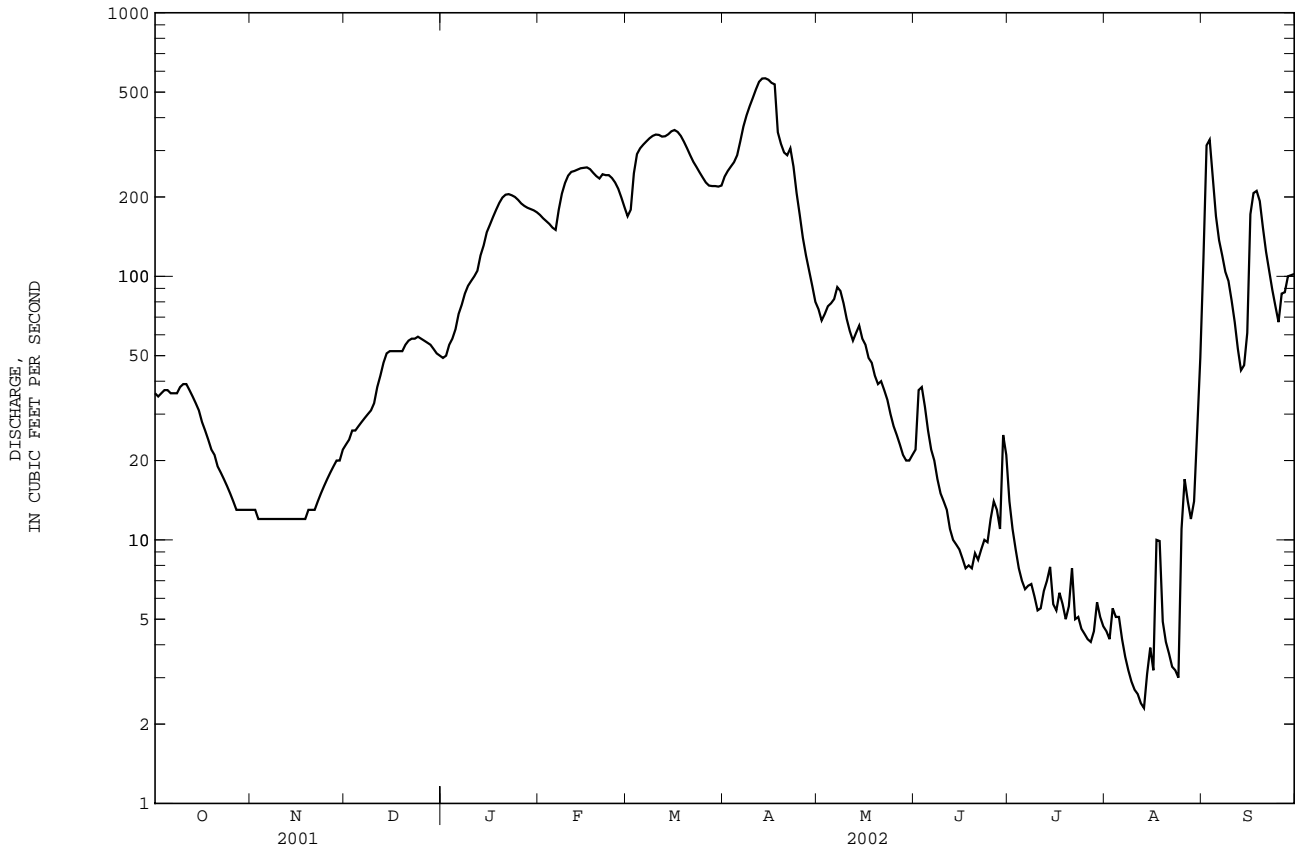
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 2002, BY WATER YEAR (WY)

	504	458	910	1454	1929	2086	1490	573	531	479	529	579
MEAN	504	458	910	1454	1929	2086	1490	573	531	479	529	579
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 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1930 - 2002	
ANNUAL TOTAL	129114		38171.1		955	
ANNUAL MEAN	354		105		2438	
HIGHEST ANNUAL MEAN					1973	
LOWEST ANNUAL MEAN					2002	
HIGHEST DAILY MEAN	2230	Mar 24	564	Apr 14	52800	Jun 14 1973
LOWEST DAILY MEAN	12	Nov 3	2.3	Aug 13	2.0	Sep 12 1954
ANNUAL SEVEN-DAY MINIMUM	12	Nov 3	2.7	Aug 8	2.6	Sep 8 1954
MAXIMUM PEAK FLOW			567	Apr 14	58000	Jun 14 1973
MAXIMUM PEAK STAGE			6.59	Apr 14	19.77	Jun 14 1973
INSTANTANEOUS LOW FLOW			2.2	a Aug 12	2.0	b Sep 12 1954
ANNUAL RUNOFF (CFSM)	0.28		0.084		0.76	
ANNUAL RUNOFF (INCHES)	3.84		1.13		10.37	
10 PERCENT EXCEEDS	1190		288		2340	
50 PERCENT EXCEEDS	83		49		453	
90 PERCENT EXCEEDS	18		5.7		46	

a Also occurred Aug. 13, 14.  
 b Also occurred Sep. 13-15, Oct. 7, 8, 1954.  
 e Estimated





SANTEE RIVER BASIN

02136354 SAMPIT RIVER AT SAMPIT, SC--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	24.61	19.43	22.11	25.22	20.15	22.65	25.09	20.32	22.62
2	24.53	19.43	22.20	24.90	20.08	22.71	25.23	20.61	22.95	24.81	20.08	22.31
3	24.95	20.28	22.79	24.90	19.51	22.16	25.09	20.43	22.79	24.09	19.92	21.99
4	24.62	19.13	21.98	24.36	19.20	21.57	24.41	21.11	22.87	24.64	21.19	23.03
5	24.14	19.99	22.17	23.88	19.70	21.87	25.11	21.34	23.42	24.36	20.46	22.68
6	24.58	20.47	22.64	24.18	19.72	21.89	25.10	20.95	23.19	24.55	20.82	22.81
7	24.94	19.92	22.49	24.05	19.81	21.94	24.87	21.05	23.09	24.25	20.31	22.45
8	24.37	19.46	22.27	24.13	19.99	22.17	24.56	20.56	22.73	24.09	20.03	22.21
9	24.61	20.00	22.42	24.32	20.08	22.19	24.32	20.21	22.38	24.29	20.13	22.26
10	24.84	20.13	22.53	24.18	19.73	21.96	24.17	19.80	22.09	24.37	19.92	22.13
11	24.17	19.68	21.92	24.46	19.67	22.48	24.71	20.02	22.63	24.74	19.90	22.30
12	24.66	19.82	22.35	24.74	20.30	22.60	24.64	20.34	22.68	24.70	20.11	22.51
13	24.47	20.01	22.29	24.51	19.83	22.24	24.83	20.36	22.60	24.44	19.76	22.11
14	24.68	20.05	22.53	24.24	19.54	21.95	24.72	20.21	22.56	24.69	19.66	21.92
15	24.68	20.41	22.68	24.29	19.97	22.19	24.69	20.06	22.33	24.69	20.26	22.43
16	24.34	20.10	22.28	24.00	19.65	21.88	24.59	20.05	22.28	24.75	20.00	22.30
17	23.90	19.68	21.72	24.42	19.62	21.99	24.56	20.08	22.28	24.50	19.98	22.08
18	23.97	20.05	22.06	24.56	19.91	22.27	24.52	20.02	22.21	24.47	19.70	22.01
19	24.02	20.21	22.23	24.31	20.26	22.57	24.38	20.28	22.29	24.54	20.81	22.85
20	24.21	20.26	22.31	24.98	20.55	22.86	24.31	20.19	22.27	25.15	21.13	23.42
21	24.05	19.71	21.80	24.38	20.65	22.73	24.70	20.42	22.71	---	---	---
22	24.05	19.93	22.05	24.89	20.87	22.83	24.51	19.86	22.40	25.61	21.25	23.80
23	24.50	20.00	22.61	24.89	20.33	22.84	25.14	19.81	23.00	25.46	20.83	23.53
24	24.96	20.36	22.98	24.60	20.06	22.52	25.27	20.53	23.17	25.16	20.04	22.85
25	25.06	20.24	22.76	24.63	20.00	22.42	25.14	20.33	23.00	25.13	19.77	22.50
26	25.10	19.91	22.64	24.71	19.80	22.55	25.64	20.03	22.94	25.32	20.05	22.59
27	24.32	18.78	21.76	25.11	19.82	22.65	25.51	20.36	23.12	25.53	20.47	22.93
28	24.64	18.87	21.95	25.66	20.31	23.30	25.37	19.88	22.65	25.65	20.79	23.24
29	---	---	---	25.81	20.62	23.45	24.87	19.44	22.04	25.83	21.26	23.60
30	---	---	---	25.81	20.53	23.30	24.87	20.36	22.72	25.63	20.95	23.31
31	---	---	---	25.47	20.48	23.06	---	---	---	25.25	21.06	23.14
MONTH	---	---	---	25.81	19.20	22.43	25.64	19.44	22.67	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	24.93	20.95	22.94	24.27	20.40	22.44	---	---	---	25.09	21.76	23.64
2	24.65	20.78	22.87	24.13	20.35	22.43	---	---	---	25.67	21.55	23.88
3	25.01	21.21	23.36	24.21	20.27	22.39	---	---	---	25.64	21.43	23.91
4	25.00	21.30	23.42	24.41	20.40	22.58	---	---	---	25.31	20.90	23.35
5	24.71	21.01	23.17	24.49	20.25	22.50	---	---	---	25.18	20.25	22.91
6	24.67	20.89	22.90	---	---	---	---	---	---	25.69	20.55	23.23
7	24.92	20.51	22.81	---	---	---	---	---	---	25.63	20.69	23.42
8	25.35	21.16	23.50	---	---	---	---	---	---	25.40	20.58	23.36
9	25.50	21.20	23.49	---	---	---	---	---	---	25.52	20.62	23.30
10	25.26	20.73	23.17	---	---	---	---	---	---	25.56	20.81	23.45
11	25.24	20.41	22.85	---	---	---	---	---	---	25.36	20.73	23.28
12	25.24	20.61	22.89	---	---	---	---	---	---	25.77	21.17	23.66
13	25.24	20.47	22.77	---	---	---	---	---	---	25.24	21.08	23.32
14	25.12	20.74	22.88	---	---	---	---	---	---	24.83	20.75	22.85
15	25.31	20.91	23.19	---	---	---	---	---	---	24.62	20.59	22.69
16	25.39	21.10	23.34	---	---	---	24.69	20.27	22.56	24.40	20.32	22.45
17	25.30	21.07	23.31	---	---	---	24.46	19.99	22.37	24.89	20.45	22.69
18	25.05	20.94	23.20	---	---	---	24.58	19.89	22.27	25.10	20.82	23.04
19	25.36	20.77	23.36	---	---	---	24.78	20.02	22.43	25.14	20.99	23.20
20	25.34	20.84	23.42	---	---	---	24.75	20.30	22.59	25.14	21.05	23.25
21	25.45	20.86	23.29	---	---	---	24.83	20.29	22.58	25.08	21.08	23.27
22	25.42	20.60	23.31	---	---	---	24.92	20.62	22.75	25.06	21.05	23.35
23	25.10	20.21	22.77	---	---	---	24.58	20.25	22.50	24.99	21.12	23.24
24	25.03	19.99	22.50	---	---	---	24.58	20.39	22.49	25.04	21.10	23.29
25	24.92	20.02	22.45	---	---	---	24.68	20.58	22.68	25.33	21.54	23.69
26	24.82	19.93	22.24	---	---	---	---	---	---	25.24	21.41	23.57
27	24.54	19.84	21.99	---	---	---	24.48	20.80	22.78	25.09	21.61	23.50
28	24.21	19.70	21.64	---	---	---	24.64	20.90	22.91	24.99	21.20	23.25
29	23.86	19.59	21.76	---	---	---	24.47	20.80	22.81	25.22	21.57	23.57
30	23.99	20.05	22.23	---	---	---	24.95	21.17	23.21	25.44	21.61	23.76
31	---	---	---	---	---	---	25.44	21.38	23.59	---	---	---
MONTH	25.50	19.59	22.90	---	---	---	---	---	---	25.77	20.25	23.31

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 mi<sup>2</sup>, 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.--No estimated daily discharges. Records fair.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.37	0.45	0.31	0.36	0.18	0.39	0.56	0.68	0.47	1.0	1.6	44
2	0.33	0.33	0.32	0.49	0.18	0.58	0.46	0.68	0.37	0.97	1.6	31
3	0.30	0.36	0.28	0.49	0.21	0.73	0.49	0.78	0.35	0.80	1.4	29
4	0.31	0.38	0.35	0.36	0.26	0.67	0.46	0.75	0.35	0.84	1.3	20
5	0.34	0.39	0.31	0.36	0.30	0.62	0.41	0.87	0.37	0.81	1.6	15
6	0.35	0.42	0.31	0.41	0.33	0.52	0.40	0.75	0.71	0.80	1.4	12
7	0.43	0.38	0.30	0.42	0.78	0.52	0.33	0.71	1.1	0.72	1.2	8.6
8	0.44	0.35	0.31	0.38	0.52	0.46	0.34	0.73	0.72	0.88	1.1	6.3
9	0.38	0.36	0.31	0.34	0.42	0.43	0.34	0.70	0.54	0.87	1.0	4.8
10	0.43	0.35	0.61	0.24	0.42	0.40	1.3	0.67	0.49	0.75	0.93	3.4
11	0.40	0.36	0.75	0.20	0.40	0.43	0.74	0.62	0.51	2.1	0.89	2.6
12	0.42	0.34	0.37	0.25	0.40	0.39	0.68	0.60	0.48	41	0.78	2.1
13	0.39	0.30	0.32	0.42	0.35	0.56	0.62	0.60	0.43	23	0.66	1.7
14	0.42	0.29	0.33	0.38	0.39	0.51	0.56	0.65	0.46	19	0.64	1.7
15	0.44	0.29	0.35	0.30	0.34	0.42	0.53	0.57	0.50	11	0.62	2.6
16	0.44	0.29	0.37	0.28	0.35	0.46	0.49	0.58	0.66	10	0.55	6.9
17	0.46	0.33	0.35	0.28	0.33	0.41	0.44	0.59	0.54	13	0.61	6.0
18	0.46	0.32	0.37	0.24	0.36	0.40	0.54	0.66	0.55	10	0.64	4.9
19	0.44	0.24	0.40	0.21	0.36	0.41	0.53	0.65	0.56	7.8	0.53	4.3
20	0.44	0.22	0.38	0.23	2.5	0.38	0.60	0.63	2.9	5.1	0.50	3.3
21	0.38	0.27	0.42	0.20	0.55	0.44	0.71	0.64	1.5	5.3	0.50	2.6
22	0.48	0.32	0.37	0.21	0.21	0.41	0.51	0.46	6.7	3.9	0.49	2.2
23	0.46	0.30	0.34	0.20	0.44	0.41	0.49	0.41	9.0	3.0	0.45	1.9
24	0.39	0.37	0.30	0.16	0.21	0.39	0.50	0.44	5.9	4.1	0.46	1.7
25	0.39	0.33	0.35	0.20	0.71	0.38	0.72	0.45	4.0	8.2	0.75	2.6
26	0.46	0.24	0.34	0.24	0.39	0.38	0.53	0.47	2.9	5.6	0.65	20
27	0.55	0.27	0.33	0.22	0.32	0.56	0.57	0.49	2.2	5.3	0.99	18
28	0.59	0.30	0.31	0.19	0.34	0.45	0.65	0.43	1.7	3.6	4.6	12
29	0.63	0.33	0.30	0.17	---	0.42	0.62	0.42	1.4	2.7	17	8.6
30	0.62	0.31	0.34	0.18	---	0.43	0.59	0.41	1.2	2.2	38	6.2
31	0.57	---	0.35	0.18	---	0.40	---	0.41	---	1.8	42	---
TOTAL	13.51	9.79	11.15	8.79	12.55	14.36	16.71	18.50	49.56	196.14	125.44	286.0
MEAN	0.44	0.33	0.36	0.28	0.45	0.46	0.56	0.60	1.65	6.33	4.05	9.53
MAX	0.63	0.45	0.75	0.49	2.5	0.73	1.3	0.87	9.0	41	42	44
MIN	0.30	0.22	0.28	0.16	0.18	0.38	0.33	0.41	0.35	0.72	0.45	1.7
CFSM	0.09	0.07	0.08	0.06	0.10	0.10	0.12	0.13	0.35	1.35	0.87	2.04
IN.	0.11	0.08	0.09	0.07	0.10	0.11	0.13	0.15	0.39	1.56	1.00	2.28

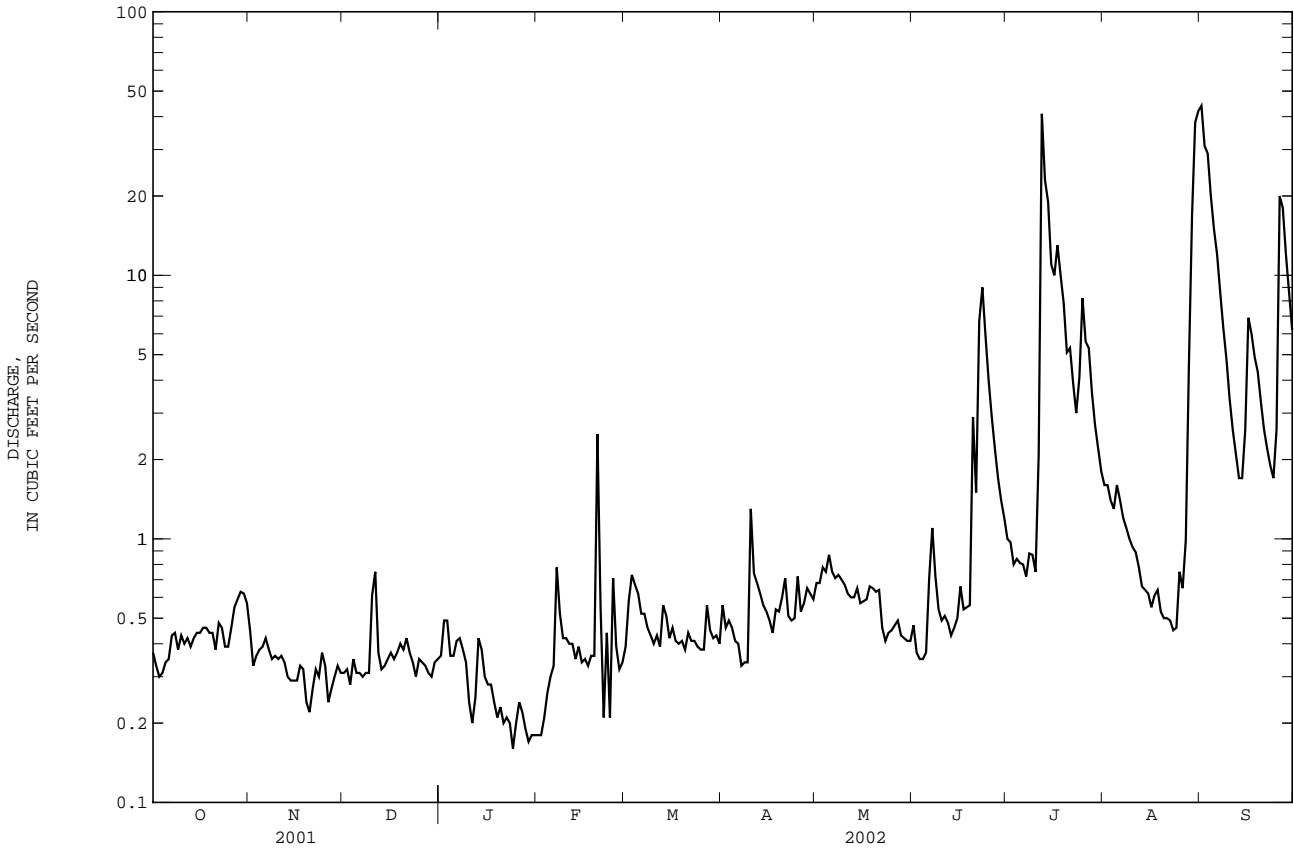
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1994 - 2002, BY WATER YEAR (WY)

	1994	1995	1996	1997	1998	1999	2000	2001	2002	1994	1995	1996	1997	1998	1999	2000	2001	2002	
MEAN	6.55	2.72	4.14	6.58	7.48	6.00	2.83	1.50	3.17	3.91	23.9	19.3							
MAX	22.7	7.52	14.1	30.8	37.3	16.2	5.25	5.86	15.9	7.93	187	86.6							
(WY)	2000	1998	1995	1998	1998	2001	1999	1999	1999	1999	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 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1994 - 2002	
ANNUAL TOTAL	857.37		762.50			
ANNUAL MEAN	2.35		2.09		7.34	
HIGHEST ANNUAL MEAN					27.8 1995	
LOWEST ANNUAL MEAN					2.09 2002	
HIGHEST DAILY MEAN	58	Mar 21	44	Sep 1	1350	Aug 27 1995
LOWEST DAILY MEAN	0.22	Nov 20	0.16	Jan 24	0.03	Aug 29 1997
ANNUAL SEVEN-DAY MINIMUM	0.28	Nov 15	0.18	Jan 28	0.06	May 23 1994
MAXIMUM PEAK FLOW			65 Aug 31		a 1500	Aug 27 1995
MAXIMUM PEAK STAGE			2.65 Aug 31		b 4.56	Aug 27 1995
ANNUAL RUNOFF (CFSM)	0.50		0.45		1.57	
ANNUAL RUNOFF (INCHES)	6.83		6.07		21.35	
10 PERCENT EXCEEDS	3.3		4.7		13	
50 PERCENT EXCEEDS	0.58		0.47		1.3	
90 PERCENT EXCEEDS	0.32		0.30		0.28	

a From rating curve extended above 59.5 ft<sup>3</sup>/s on basis of slope-area computation of peak discharge.  
 b From floodmarks.





## SANTEE RIVER BASIN

02136370 SAMPIT RIVER AT GEORGETOWN, SC

LOCATION.--Lat 33°21'22'', long 79°17'41'', Georgetown County, Hydrologic Unit 03040207, on right bank, 200 ft upstream of the U.S. Highway 17 bridge, and at mile 1.2.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--October 1998 to current year.

GAGE.--Data collection platform. Elevation of gage is 14 ft below NGVD of 1929 (from topographic map).

REMARKS.--Gage height affected by tide.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 21.18 ft, Oct. 17, 1999; minimum gage height, 12.73 ft, Jan. 10, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 20.64 ft, Aug. 7; minimum gage height, 12.73 ft, Jan. 10.

## GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	18.71	15.17	17.08	18.42	14.56	16.54	18.47	14.15	16.34	18.30	13.56	15.87
2	18.77	15.28	17.18	18.38	14.50	16.41	18.51	14.13	16.32	18.29	13.50	15.98
3	18.68	15.11	17.01	18.36	14.30	16.27	18.80	14.48	16.58	18.71	14.15	16.35
4	18.32	14.65	16.56	18.32	14.09	16.28	18.63	14.44	16.50	17.83	13.35	15.58
5	18.29	14.43	16.41	18.62	14.60	16.64	18.36	14.23	16.19	17.83	13.78	15.89
6	18.14	14.42	16.26	18.64	14.99	16.75	18.08	14.03	16.00	---	---	---
7	18.49	14.56	16.52	18.19	14.52	16.31	17.98	14.11	16.05	---	---	---
8	18.45	14.58	16.65	18.20	14.29	16.16	18.18	14.45	16.32	---	---	---
9	18.56	15.11	16.89	18.17	14.22	16.25	18.04	14.32	16.40	---	---	---
10	18.45	14.81	16.67	---	---	---	18.72	14.92	17.15	17.14	12.73	14.94
11	18.47	14.67	16.64	---	---	---	18.59	14.49	16.56	---	---	---
12	18.48	14.47	16.60	---	---	---	18.38	13.98	16.37	---	---	---
13	18.88	14.67	16.88	---	---	---	18.67	14.19	16.42	17.33	13.36	15.30
14	---	---	---	18.87	14.51	16.72	18.61	14.06	16.24	17.95	13.37	15.64
15	---	---	---	18.99	14.41	16.82	18.12	13.85	15.96	17.64	13.52	15.49
16	---	---	---	18.95	14.59	16.76	18.54	14.29	16.39	17.78	13.54	15.60
17	---	---	---	18.64	14.41	16.47	18.58	14.45	16.45	---	---	---
18	---	---	---	18.52	14.52	16.52	17.58	13.74	15.64	---	---	---
19	18.94	14.79	16.84	18.46	14.72	16.55	18.32	14.45	16.29	17.64	14.15	15.80
20	18.56	14.50	16.54	18.02	14.48	16.21	17.58	13.84	15.70	17.41	13.57	15.45
21	18.49	14.51	16.50	18.41	15.24	16.81	17.54	14.24	15.89	17.62	13.86	15.86
22	18.38	14.70	16.58	17.99	14.87	16.44	17.76	14.71	16.23	---	---	---
23	18.41	15.10	16.75	17.75	14.78	16.29	17.77	14.79	16.38	---	---	---
24	18.21	15.13	16.73	17.74	14.75	16.38	17.64	14.09	15.95	---	---	---
25	17.87	14.71	16.41	17.61	14.37	16.20	17.95	14.37	16.43	---	---	---
26	17.82	14.48	16.14	17.58	14.29	16.02	18.28	13.93	16.43	---	---	---
27	18.02	14.42	16.33	17.74	14.15	16.07	17.70	13.64	15.76	---	---	---
28	18.10	14.46	16.49	17.97	14.09	16.13	17.91	13.65	15.97	---	---	---
29	18.14	14.81	16.62	18.12	14.06	16.22	17.93	13.63	15.81	---	---	---
30	18.18	14.63	16.49	18.37	14.24	16.32	18.28	13.42	15.90	19.23	14.26	16.76
31	18.30	14.59	16.54	---	---	---	18.34	13.64	15.95	19.31	14.46	16.88
MONTH	---	---	---	---	---	---	18.80	13.42	16.21	---	---	---



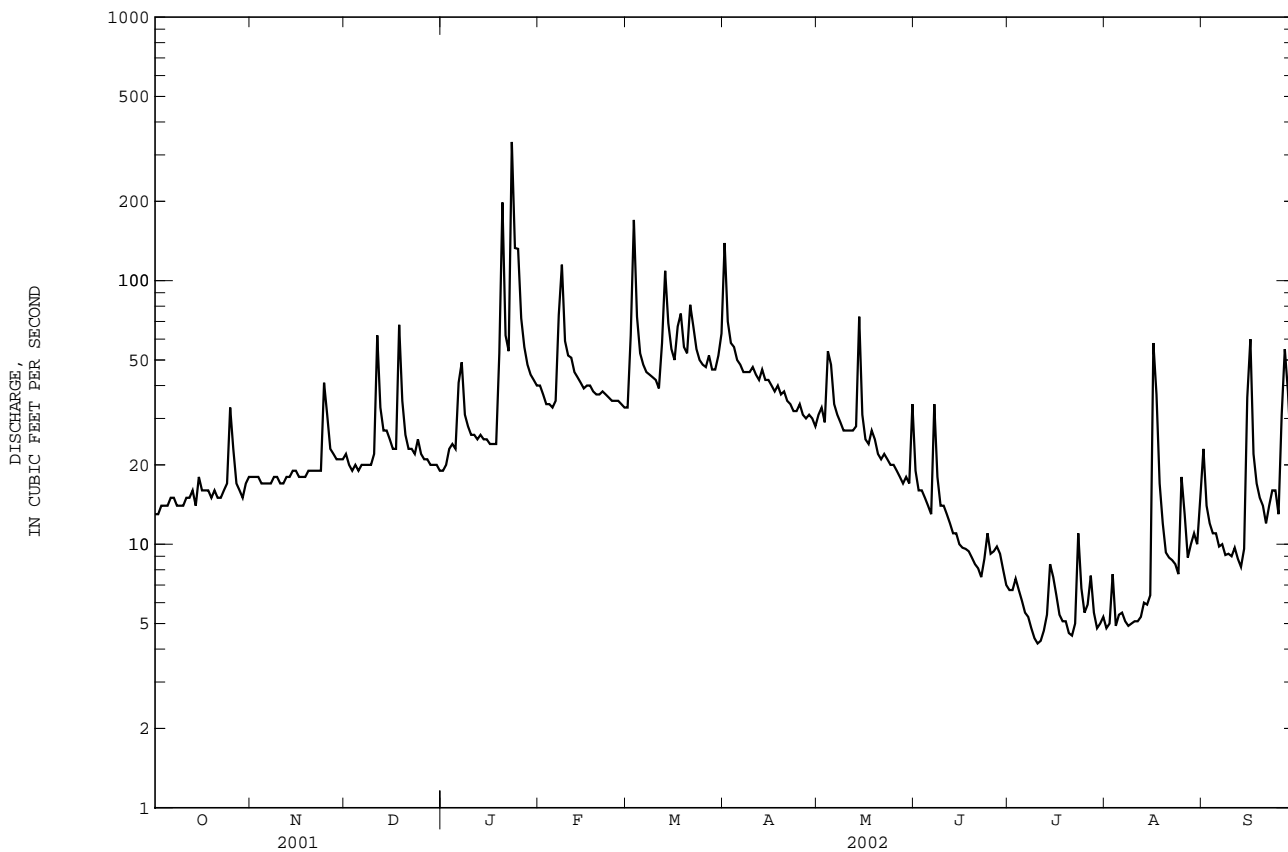


02145642 CROWDERS CREEK NEAR CLOVER, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1991 - 2002	
ANNUAL TOTAL	14264		10334.0			
ANNUAL MEAN	39.1		28.3		48.4	
HIGHEST ANNUAL MEAN					76.2 1992	
LOWEST ANNUAL MEAN					28.3 2002	
HIGHEST DAILY MEAN	809	Mar 21	336	Jan 23	2350	Mar 30 1991
LOWEST DAILY MEAN	11	Sep 2	4.2	Jul 10	4.2	Jul 10 2002
ANNUAL SEVEN-DAY MINIMUM	12	Aug 27	4.7	Jul 7	4.7	Jul 7 2002
MAXIMUM PEAK FLOW			832	Jan 23	7900	Aug 27 1995
MAXIMUM PEAK STAGE			5.40	Jan 23	16.69	Aug 27 1995
INSTANTANEOUS LOW FLOW			3.6 a	Jul 8	3.6 a	Jul 8 2002
ANNUAL RUNOFF (CFSM)	0.44		0.32		0.54	
ANNUAL RUNOFF (INCHES)	5.96		4.32		7.40	
10 PERCENT EXCEEDS	65		53		78	
50 PERCENT EXCEEDS	25		20		33	
90 PERCENT EXCEEDS	15		6.6		14	

a Also occurred Jul. 9, 10, Aug. 8.

e Estimated



## SANTEE 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 mi<sup>2</sup>, 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 ft<sup>3</sup>).

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	740	641	591	567	887	762	1170	981	992	1080	1230	568
2	475	670	622	554	713	841	1390	976	956	989	1110	705
3	887	625	649	602	780	633	1500	1020	1070	1010	1100	1010
4	600	765	662	579	960	818	1480	1060	1190	1160	1080	1010
5	799	599	612	597	2330	1090	1520	1020	1120	1040	1200	999
6	721	559	609	562	917	816	1130	1020	1060	1080	1130	1000
7	792	723	564	e132	609	920	989	950	1110	1060	996	1000
8	560	594	528	900	684	788	1040	854	1120	1230	1070	982
9	744	743	545	667	851	772	1100	933	1030	1420	1220	897
10	977	740	608	672	661	786	953	1090	1110	1270	931	928
11	606	565	388	546	690	848	1050	999	968	1350	1000	829
12	788	870	627	607	878	789	901	1070	959	1340	1070	811
13	848	541	700	588	1230	785	1150	1030	1260	1360	1080	817
14	695	698	580	636	1370	544	830	1050	944	766	1150	894
15	558	741	537	517	1230	906	2040	1050	886	1120	1130	675
16	647	672	555	664	904	1140	2880	1170	957	1340	1210	555
17	708	640	577	549	787	1920	2180	1120	881	1270	1210	924
18	863	877	562	590	776	1230	1890	1110	927	1330	1190	542
19	725	907	544	587	788	1190	1520	1110	948	1320	1190	915
20	727	660	537	288	654	1770	869	1120	945	1340	1200	867
21	560	708	554	326	590	2450	1080	1250	871	1250	1190	856
22	681	594	620	676	744	1870	916	1060	921	1300	1180	899
23	597	1300	564	519	824	2360	832	989	1080	1400	1180	833
24	804	727	571	330	733	1220	818	1110	917	1310	1150	781
25	630	703	640	3370	766	815	911	1080	918	1500	1200	771
26	664	677	580	1620	770	1470	863	1190	1060	2080	1060	789
27	657	622	641	1200	729	873	854	1210	959	1100	1040	501
28	527	635	574	647	945	987	914	1120	901	1100	1050	657
29	575	e691	581	1010	---	1310	779	1150	935	1200	884	629
30	794	654	582	962	---	1130	935	1010	966	1240	1010	793
31	631	---	555	908	---	861	---	1290	---	1160	970	---
TOTAL	21580	21141	18059	22972	24800	34694	36484	33192	29961	38515	34411	24437
MEAN	696	705	583	741	886	1119	1216	1071	999	1242	1110	815
MAX	977	1300	700	3370	2330	2450	2880	1290	1260	2080	1230	1010
MIN	475	541	388	132	590	544	779	854	871	766	884	501
CFSM	0.23	0.23	0.19	0.24	0.29	0.37	0.40	0.35	0.33	0.41	0.36	0.27
IN.	0.26	0.26	0.22	0.28	0.30	0.42	0.44	0.40	0.37	0.47	0.42	0.30

## STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1896 - 2002, BY WATER YEAR (WY)

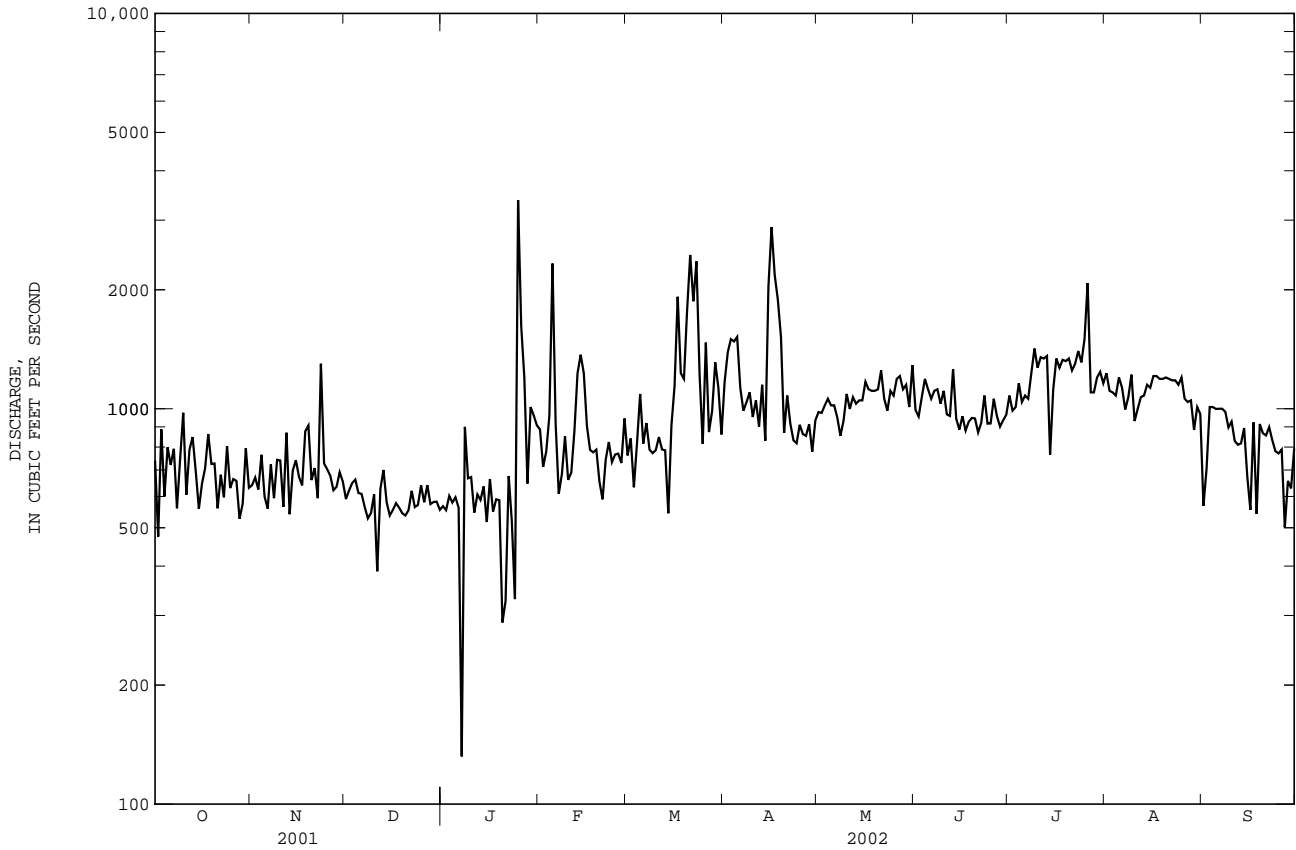
	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	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
MEAN	3377	3476	4087	5211	5864	6122	5456	4210	3811	3202	3376	2962																																																																																															
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	696	705	583	741	886	1119	1211	910	999	933	989	743																																																																																															
(WY)	2002	2002	2002	2002	2002	2002	1985	1986	2002	1986	2001	2001																																																																																															

02146000 CATAWBA RIVER NEAR ROCK HILL, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1896 - 2002	
ANNUAL TOTAL	455247		340246		4255	
ANNUAL MEAN	1247		932		9635	
HIGHEST ANNUAL MEAN					1901	
LOWEST ANNUAL MEAN					932	
HIGHEST DAILY MEAN	7950	Apr 2	3370	Jan 25	127000	May 23 1901
LOWEST DAILY MEAN	263	Sep 25	e 132	Jan 7	e 132	Jan 7 2002
ANNUAL SEVEN-DAY MINIMUM	551	Dec 5	474	Jan 18	474	Jan 18 2002
MAXIMUM PEAK FLOW			9880	Jul 26	a 151000	May 23 1901
MAXIMUM PEAK STAGE			6.58	Jul 26	a 24.15	May 23 1901
ANNUAL RUNOFF (CFSM)	0.41		0.31		1.40	
ANNUAL RUNOFF (INCHES)	5.55		4.15		18.96	
10 PERCENT EXCEEDS	2260		1270		8580	
50 PERCENT EXCEEDS	1010		900		3400	
90 PERCENT EXCEEDS	596		570		881	

a At site and datum then in use.

e Estimated



## SANTEE RIVER BASIN

02146820 SUGAR CREEK NEAR FORT MILL, SC

LOCATION.--Lat 34°57'00'', long 80°52'14'', York County, Hydrologic Unit 03050103, on downstream side of bridge on County road 41, 8.5 mi east of Rock Hill, 5.5 mi southeast of Fort Mill and 0.5 mi above confluence with Catawba River.

DRAINAGE AREA.--264 mi<sup>2</sup>.

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

GAGE.--Data collection platform. Elevation of gage is 480 ft above NGVD of 1929 (from topographic map).

REMARKS.--Records poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	119	e120	e140	124	272	e165	e950	171	254	118	95	e1000
2	110	e130	e135	126	218	e280	e400	218	e195	480	96	344
3	116	e135	e130	138	185	e2000	e300	181	164	153	269	208
4	123	e120	e135	214	191	e800	e280	e850	146	122	127	174
5	109	e125	e145	209	e185	e386	e250	611	134	222	92	152
6	277	e120	e150	e300	e180	e314	e220	236	134	127	92	145
7	317	e125	e145	e780	e700	e266	208	190	610	95	83	114
8	e146	e140	e140	301	e800	229	209	168	216	96	88	99
9	e110	e130	e135	216	e350	212	208	160	139	105	e80	102
10	e115	e125	e550	190	e250	210	250	159	128	105	e72	97
11	e120	e120	e1100	e176	e350	e208	247	222	124	133	69	93
12	e120	e115	e250	e154	e240	247	207	235	117	107	71	90
13	e115	e130	e220	219	e230	e690	e265	168	e113	107	75	87
14	e130	e135	205	202	e215	413	211	e900	109	e2300	78	89
15	e170	e150	181	167	e200	276	e200	262	100	e800	88	e550
16	e150	e140	157	159	e200	e235	e190	186	93	e300	243	e500
17	e160	e145	145	151	195	e330	e180	166	92	e200	e750	e250
18	e130	e150	e531	148	184	e600	e170	252	96	e170	338	e150
19	e135	e140	262	e300	185	e300	e155	338	96	e130	161	146
20	e115	e135	174	e2000	180	e250	e150	169	100	111	162	141
21	e100	e130	151	562	189	e800	e145	158	99	105	112	121
22	e110	e140	138	544	182	e500	e140	151	98	108	93	113
23	e120	e140	130	e2500	165	e250	e135	144	94	143	97	108
24	e130	e300	143	e1200	160	e240	131	140	96	135	103	105
25	e190	e210	154	e1500	165	e220	153	130	100	258	205	96
26	e150	e160	121	e550	168	e230	179	e104	122	430	e293	315
27	e120	e140	125	e360	162	e350	143	e89	353	168	259	512
28	e115	e150	130	297	e165	e230	140	e129	148	112	244	308
29	e110	e170	126	249	---	e210	149	e136	112	95	295	175
30	e115	e140	124	236	---	e220	137	130	105	103	146	135
31	e120	---	120	218	---	e300	---	e780	---	95	e500	---
TOTAL	4267	4310	6492	14490	6866	11961	6702	7933	4487	7733	5476	6519
MEAN	138	144	209	467	245	386	223	256	150	249	177	217
MAX	317	300	1100	2500	800	2000	950	900	610	2300	750	1000
MIN	100	115	120	124	160	165	131	89	92	95	69	87
CFSM	0.52	0.54	0.79	1.77	0.93	1.46	0.85	0.97	0.57	0.94	0.67	0.82
IN.	0.60	0.61	0.91	2.04	0.97	1.69	0.94	1.12	0.63	1.09	0.77	0.92

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2001 - 2002, BY WATER YEAR (WY)

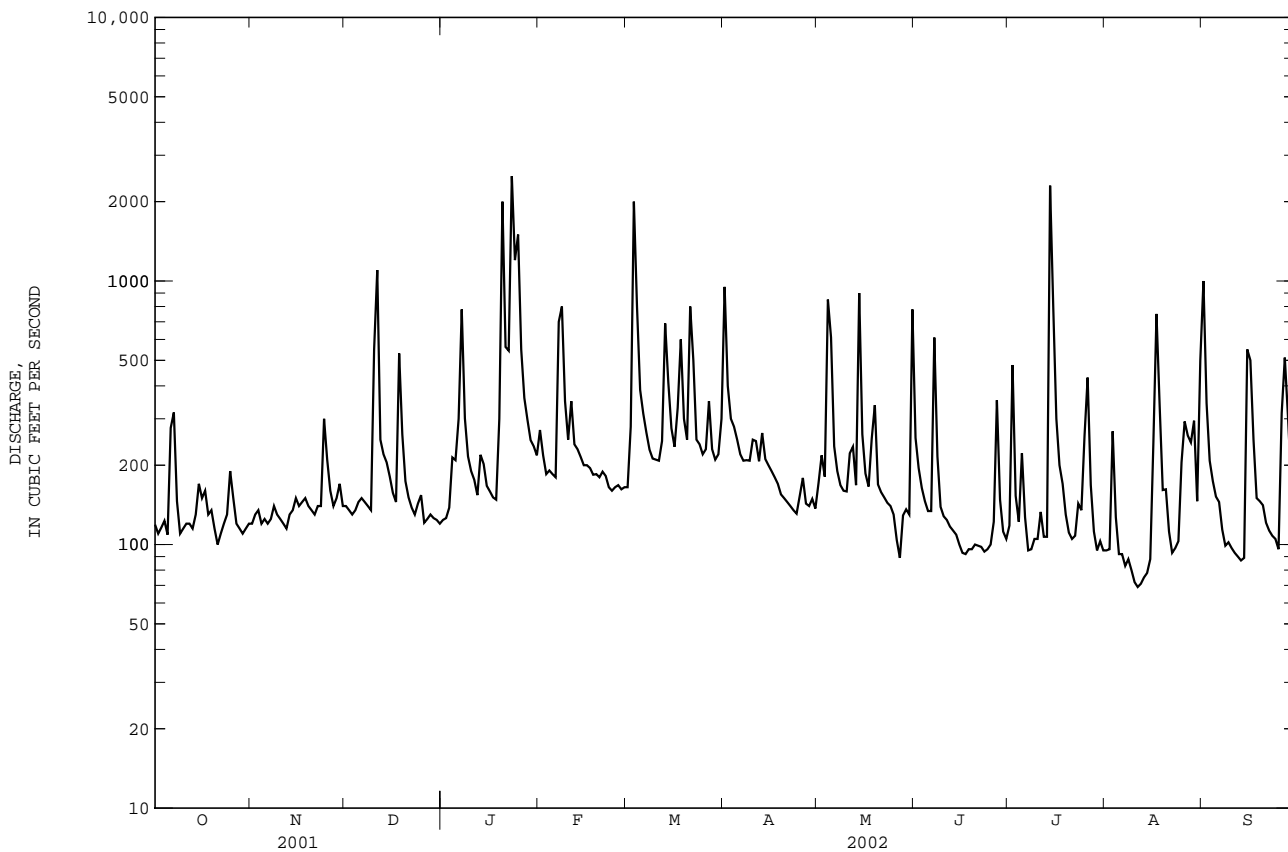
	2001	2002	2002	2002	2002	2002	2002	2002	2002	2001	2001	2002
MEAN	138	144	209	467	245	386	223	256	195	227	154	262
MAX	138	144	209	467	245	386	223	256	241	249	177	307
(WY)	2002	2002	2002	2002	2002	2002	2002	2002	2001	2002	2002	2001
MIN	138	144	209	467	245	386	223	256	150	205	131	217
(WY)	2002	2002	2002	2002	2002	2002	2002	2002	2002	2001	2001	2002

02146820 SUGAR CREEK NEAR FORT MILL, SC--Continued

SUMMARY STATISTICS	FOR 2002 WATER YEAR		WATER YEARS 2001 - 2002	
ANNUAL TOTAL	87236			
ANNUAL MEAN	239		239	
HIGHEST ANNUAL MEAN			239	2002
LOWEST ANNUAL MEAN			239	2002
HIGHEST DAILY MEAN	e 2500	Jan 23	e 2500	Jan 23 2002
LOWEST DAILY MEAN	69	Aug 11	69	Aug 11 2002
ANNUAL SEVEN-DAY MINIMUM	76	Aug 8	76	Aug 8 2002
MAXIMUM PEAK FLOW	a Unknown	Jan 20	a Unknown	Jan 20 2002
MAXIMUM PEAK STAGE	a 8.64	Jan 20	a 8.64	Jan 20 2002
ANNUAL RUNOFF (CFSM)	0.91		0.91	
ANNUAL RUNOFF (INCHES)	12.29		12.30	
10 PERCENT EXCEEDS	405		405	
50 PERCENT EXCEEDS	157		157	
90 PERCENT EXCEEDS	100		100	

a Also occurred Jan. 23.

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 mi<sup>2</sup>, approximately.

PERIOD OF RECORD.--January 1992 to current year.

GAGE.--Data collection platform. Datum of gage is 442.0 ft above NGVD of 1929 (by Global Positioning Survey). June 1906 to Dec. 21, 1948, nonrecording gage at site 0.6 mi downstream at different datum. October 1967 to January 1992, recording gage at site 1.5 mi upstream at different datum and published as station 02147000.

REMARKS.--Records good except for estimated daily discharges, which are poor. Flow regulated by Lake Wylie (usable capacity, 2,520,500,000 ft<sup>3</sup>).

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 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1300	1010	1100	955	1460	1350	4350	1570	1710	1260	1420	4620
2	834	1120	1020	940	1110	1110	2900	1300	1010	1690	1420	1180
3	1010	1220	974	945	1190	4630	2310	1460	1530	1410	1430	1040
4	1330	1320	1180	1140	1120	2450	2240	1800	1470	1240	1330	1130
5	1070	1050	954	1090	2260	2090	2180	2290	1450	1480	1320	1100
6	1180	899	1010	1220	2650	1570	2240	1520	1310	1330	1370	1070
7	1440	1270	1040	2270	1910	1420	1450	1280	e1690	1340	1170	1070
8	859	1080	851	1370	2630	1370	1570	1270	e1740	1340	1240	1050
9	1010	1080	849	1160	1520	1090	1570	1230	e1440	1600	1260	1040
10	1060	1150	957	1290	1590	1210	1620	1400	e1410	1670	1540	1060
11	1080	972	2520	e883	1390	1360	1700	1260	e1350	1620	1180	880
12	1180	1070	1130	e1100	1190	1050	1500	1600	e1160	1590	1250	891
13	1240	1100	1120	1110	1390	2210	1820	1340	1510	1700	1150	883
14	1050	987	1180	1170	2360	1120	1520	2500	1190	3670	1280	951
15	1160	1370	994	901	1760	1230	2080	1560	1150	2140	1280	1940
16	1170	965	931	1130	1760	1880	3440	1560	1140	2040	1440	2930
17	941	1270	933	927	1140	2060	3280	1330	1130	1620	2460	1180
18	1560	1100	1460	896	1180	3070	3080	1580	1120	1610	1570	961
19	890	1530	1120	1320	1250	1770	2500	1690	1170	1740	1370	1050
20	1020	1220	912	4700	1100	2170	1460	1530	1150	1630	1330	1080
21	910	1150	958	1670	910	4400	1540	1390	1010	1500	1290	980
22	986	1040	960	1730	962	4570	1770	1550	1280	1550	1310	1040
23	1070	1870	1090	2820	1260	3670	1040	1290	1270	1660	1300	1070
24	1210	1270	902	3110	995	2750	1280	1350	1240	1830	1300	927
25	1020	1370	1100	6330	999	1560	1220	1390	1180	1780	1460	881
26	1310	1250	838	3280	1390	2020	1390	1410	1180	2930	1490	1040
27	1160	1070	1060	1720	1030	2040	1310	1440	1550	1220	1290	1410
28	917	1090	1040	1510	1450	1960	1460	1380	1290	1420	1310	1020
29	1090	708	982	1300	---	1960	1360	1810	1160	1370	1450	839
30	1260	1320	1010	1580	---	1870	1320	1040	1170	1360	1100	890
31	1070	---	896	1440	---	1790	---	2650	---	1500	2450	---
TOTAL	34387	34921	33071	53007	40956	64800	58500	47770	39160	51840	43560	37203
MEAN	1109	1164	1067	1710	1463	2090	1950	1541	1305	1672	1405	1240
MAX	1560	1870	2520	6330	2650	4630	4350	2650	1740	3670	2460	4620
MIN	834	708	838	883	910	1050	1040	1040	1010	1220	1100	839
CFSM	0.31	0.33	0.30	0.48	0.41	0.59	0.55	0.44	0.37	0.47	0.40	0.35
IN.	0.36	0.37	0.35	0.56	0.43	0.68	0.61	0.50	0.41	0.54	0.46	0.39

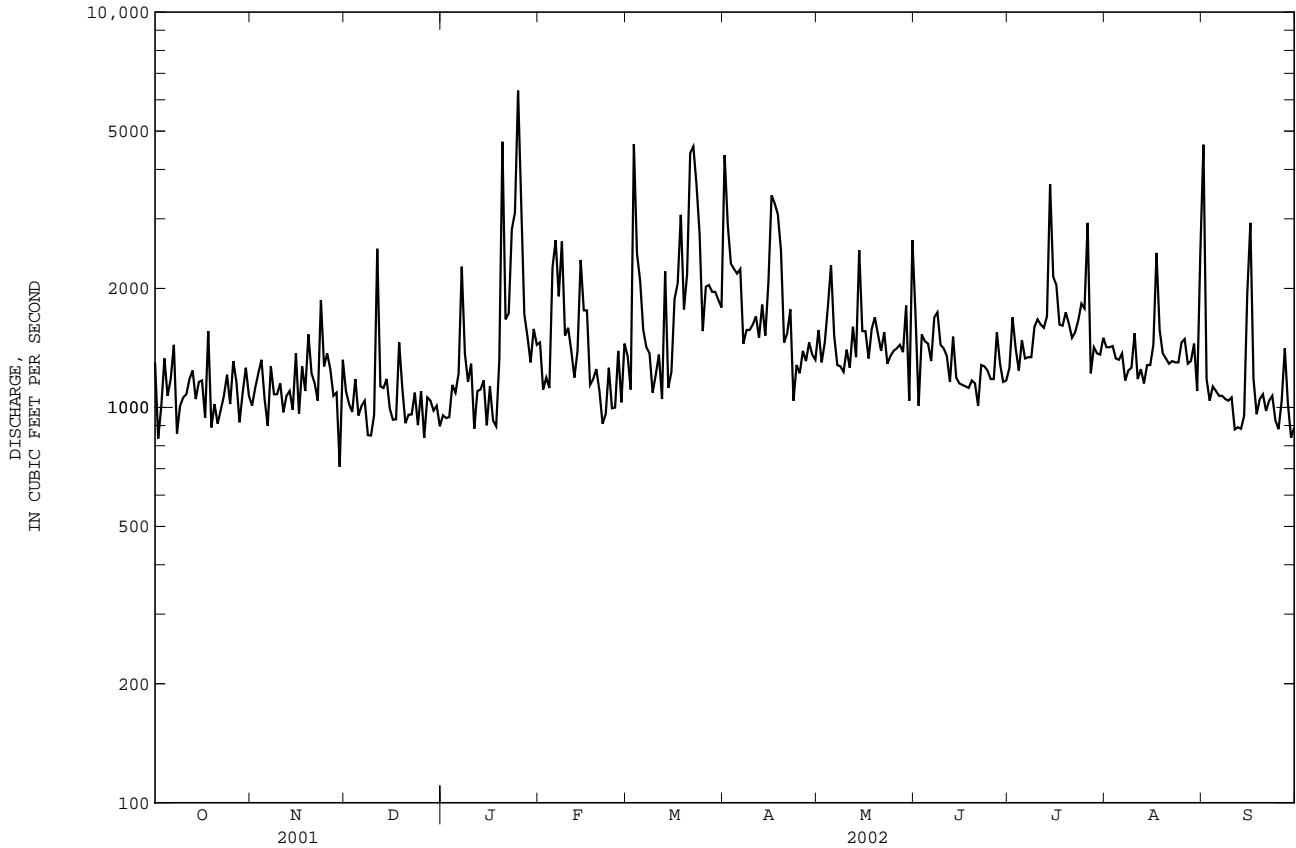
## STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1992 - 2002, BY WATER YEAR (WY)

	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	
MEAN	2843	3145	3942	6206	6716	6544	5033	3447	3467	2507	3095	2100
MAX	7722	7780	8630	11270	12570	14200	10760	5978	10000	3892	8733	3883
(WY)	1996	1993	1993	1993	1998	1993	1993	1993	1992	1995	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 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1992 - 2002	
ANNUAL TOTAL	628918		539175		4017	
ANNUAL MEAN	1723		1477		6874	
HIGHEST ANNUAL MEAN					1477	
LOWEST ANNUAL MEAN					1993	
HIGHEST DAILY MEAN	9900	Mar 21	6330	Jan 25	35000	Mar 25 1993
LOWEST DAILY MEAN	708	Nov 29	708	Nov 29	560	Oct 12 1993
ANNUAL SEVEN-DAY MINIMUM	966	Dec 20	965	Sep 8	807	Oct 9 1993
MAXIMUM PEAK FLOW			12000		49300	
MAXIMUM PEAK STAGE			10.40		20.86	
ANNUAL RUNOFF (CFSM)	0.49		0.42		1.13	
ANNUAL RUNOFF (INCHES)	6.61		5.67		15.42	
10 PERCENT EXCEEDS	2990		2220		8940	
50 PERCENT EXCEEDS	1330		1300		2590	
90 PERCENT EXCEEDS	939		961		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 mi<sup>2</sup>.

PERIOD OF RECORD.--February 2001 to September 2001.

GAGE.--Data collection platform. Elevation of gage is 370 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 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.7	6.1	13	16	90	47	1100	25	14	14	e3.7	109
2	8.0	6.4	12	17	104	67	564	26	15	6.8	e4.1	109
3	6.9	6.7	11	19	81	868	272	33	12	5.5	e3.9	45
4	6.1	7.7	12	30	71	765	185	36	11	5.0	e3.8	22
5	5.7	7.7	12	24	61	307	144	116	9.4	5.1	e3.7	14
6	13	7.2	12	35	59	189	122	109	9.2	4.6	e3.7	9.3
7	52	6.9	13	175	442	148	104	65	8.1	4.2	e3.6	7.4
8	41	7.2	14	153	867	126	94	46	7.4	4.1	e3.7	6.7
9	21	7.3	14	85	446	111	87	36	9.6	4.1	e3.6	6.5
10	15	7.7	13	60	234	107	87	30	7.9	4.1	e3.7	6.4
11	11	7.7	48	e49	212	94	95	27	6.9	4.3	e3.6	6.1
12	8.5	7.9	112	e39	166	88	90	26	6.5	3.9	e3.7	5.7
13	7.2	9.2	71	38	134	165	95	31	6.1	4.1	e3.8	5.5
14	10	8.3	44	34	115	284	95	37	5.7	7.8	e3.7	6.2
15	22	11	31	35	97	189	86	38	5.6	6.4	e3.9	59
16	13	7.8	25	30	89	146	77	33	5.3	5.1	e4.1	681
17	8.7	7.5	21	27	84	127	68	24	5.0	4.3	8.5	288
18	9.0	8.9	29	26	77	198	63	34	4.8	3.9	6.1	128
19	7.5	15	46	47	70	174	62	33	4.6	3.7	e3.9	91
20	6.7	11	51	1080	67	139	52	42	4.6	3.6	e3.8	48
21	6.6	9.7	34	522	68	168	48	32	4.3	3.6	e3.7	30
22	6.6	7.5	24	277	70	505	42	24	4.5	3.6	e3.7	23
23	6.8	8.6	21	523	65	246	36	20	4.9	3.9	e3.8	17
24	7.2	15	19	816	59	165	31	19	4.9	4.9	e3.9	14
25	7.1	36	18	1320	56	140	32	18	5.3	5.5	e4.1	13
26	6.9	54	18	856	55	132	29	16	5.5	4.5	e4.5	13
27	5.9	36	18	305	51	131	28	15	5.2	4.1	5.8	16
28	4.8	22	18	189	49	117	27	15	4.7	3.8	9.8	37
29	4.6	17	17	144	---	98	25	14	7.9	e3.7	9.3	44
30	5.2	14	16	121	---	94	22	13	7.2	e3.6	21	29
31	5.8	---	16	102	---	146	---	13	---	e3.6	29	---
TOTAL	349.5	385.0	823	7194	4039	6281	3862	1046	213.1	149.4	181.2	1889.8
MEAN	11.3	12.8	26.5	232	144	203	129	33.7	7.10	4.82	5.85	63.0
MAX	52	54	112	1320	867	868	1100	116	15	14	29	681
MIN	4.6	6.1	11	16	49	47	22	13	4.3	3.6	3.6	5.5
CFSM	0.08	0.10	0.20	1.73	1.08	1.51	0.96	0.25	0.05	0.04	0.04	0.47
IN.	0.10	0.11	0.23	2.00	1.12	1.74	1.07	0.29	0.06	0.04	0.05	0.52

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2001 - 2002, BY WATER YEAR (WY)

	2001	2002	2002	2002	2002	2001	2002	2001	2002	2002	2001	2001
MEAN	11.3	12.8	26.5	232	144	313	123	33.5	27.9	14.8	5.48	43.5
MAX	11.3	12.8	26.5	232	144	424	129	33.7	48.7	24.8	5.85	63.0
(WY)	2002	2002	2002	2002	2002	2001	2002	2002	2001	2001	2002	2002
MIN	11.3	12.8	26.5	232	144	203	117	33.3	7.10	4.82	5.12	24.0
(WY)	2002	2002	2002	2002	2002	2002	2001	2001	2002	2002	2001	2001

02147403 FISHING CREEK BELOW FORT LAWN, SC--Continued

SUMMARY STATISTICS

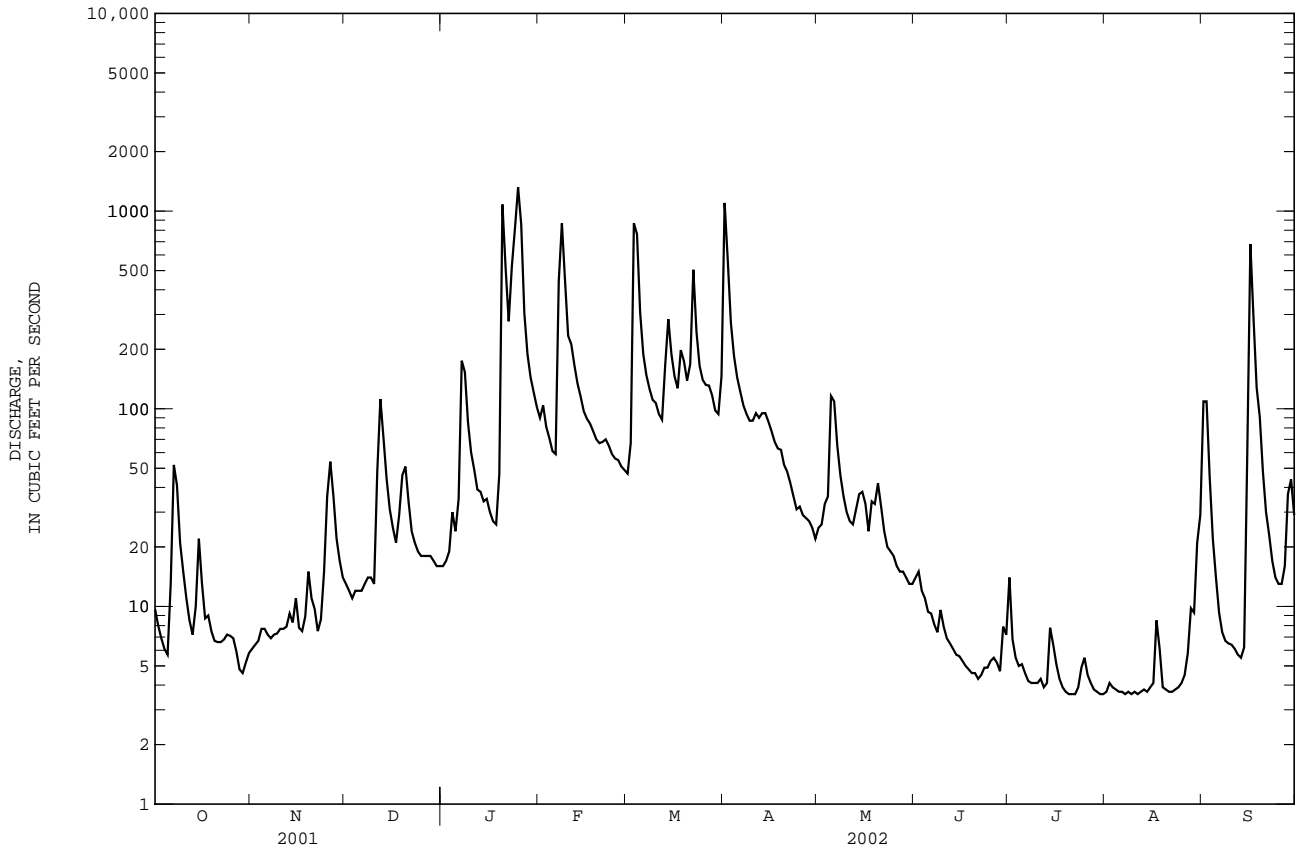
FOR 2002 WATER YEAR

WATER YEARS 2001 - 2002

ANNUAL TOTAL	26413.0		
ANNUAL MEAN	72.4		72.4
HIGHEST ANNUAL MEAN			72.4 2002
LOWEST ANNUAL MEAN			72.4 2002
HIGHEST DAILY MEAN	1320	Jan 25	e 2500 Mar 30 2001
LOWEST DAILY MEAN	e 3.6	a Jul 20	e 3.0 Aug 30 2001
ANNUAL SEVEN-DAY MINIMUM	3.7	Aug 5	3.4 Sep 15 2001
MAXIMUM PEAK FLOW	1850	Jan 25	0.00 Mar 31 2001
MAXIMUM PEAK STAGE	10.81	Jan 25	16.59 Mar 31 2001
ANNUAL RUNOFF (CFSM)	0.54		0.54
ANNUAL RUNOFF (INCHES)	7.33		7.34
10 PERCENT EXCEEDS	150		150
50 PERCENT EXCEEDS	18		18
90 PERCENT EXCEEDS	4.1		4.1

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'' (revised), long 80°55'12'' (revised), 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 mi<sup>2</sup>.

PERIOD OF RECORD.--March 1951 to September 1981, October 1986 to current year.

GAGE.--Data collection platform. Elevation of gage is 299 ft above NGVD of 1929 (by barometer).

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

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.4	15	23	11	66	e33	996	28	9.8	6.5	2.8	56
2	6.5	16	23	10	58	e94	499	33	10	5.9	2.1	23
3	6.9	19	25	12	51	e299	207	33	8.0	5.6	1.6	11
4	7.5	19	25	16	49	e270	143	43	8.6	11	1.9	6.8
5	7.8	21	24	14	43	e153	103	67	6.4	11	2.1	4.7
6	15	17	25	34	43	e91	83	40	6.9	7.6	1.8	3.3
7	54	16	24	131	704	e85	69	30	7.4	6.0	1.1	2.3
8	20	17	26	60	618	77	61	26	6.6	5.1	0.67	1.9
9	9.6	17	25	37	287	72	56	23	5.7	4.3	0.37	1.6
10	6.8	17	29	28	189	71	73	23	5.3	4.1	0.19	1.2
11	5.4	17	70	e25	188	67	67	40	4.6	4.8	0.09	0.87
12	5.0	17	53	e22	133	62	60	28	5.3	5.7	0.04	0.79
13	4.7	17	27	24	105	132	84	22	6.5	6.6	0.01	0.88
14	9.1	18	20	22	87	156	74	22	9.2	8.3	0.01	3.2
15	29	20	17	23	74	102	64	25	9.7	12	0.00	50
16	13	19	15	19	69	83	60	18	8.1	13	0.00	100
17	7.4	20	13	17	66	74	51	16	7.4	11	0.05	50
18	5.8	19	30	16	56	71	54	27	5.8	8.8	10	36
19	4.9	17	38	41	51	65	83	57	4.0	6.9	13	51
20	4.9	21	22	675	49	60	54	28	3.7	5.7	14	31
21	5.4	21	16	252	50	110	43	19	3.6	4.5	8.9	18
22	5.8	21	13	215	47	232	36	17	5.2	3.9	5.7	12
23	6.0	21	12	769	45	117	31	16	5.9	3.5	4.2	9.1
24	8.2	31	13	590	42	88	28	14	6.7	3.7	3.0	7.2
25	11	41	12	1060	40	75	29	13	8.2	9.1	3.3	5.6
26	12	29	12	494	40	71	29	12	11	13	61	6.6
27	12	24	13	212	38	90	30	11	12	8.7	66	19
28	12	21	12	140	35	73	28	11	12	6.7	31	39
29	13	20	11	106	---	63	26	9.9	15	5.5	34	30
30	13	22	11	87	---	68	23	9.6	12	4.7	18	17
31	15	---	10	73	---	261	---	11	---	3.8	75	---
TOTAL	343.1	610	689	5235	3323	3365	3244	772.5	230.6	217.0	361.93	599.04
MEAN	11.1	20.3	22.2	169	119	109	108	24.9	7.69	7.00	11.7	20.0
MAX	54	41	70	1060	704	299	996	67	15	13	75	100
MIN	4.7	15	10	10	35	33	23	9.6	3.6	3.5	0.00	0.79
CFSM	0.06	0.10	0.11	0.87	0.61	0.56	0.56	0.13	0.04	0.04	0.06	0.10
IN.	0.07	0.12	0.13	1.00	0.64	0.65	0.62	0.15	0.04	0.04	0.07	0.11

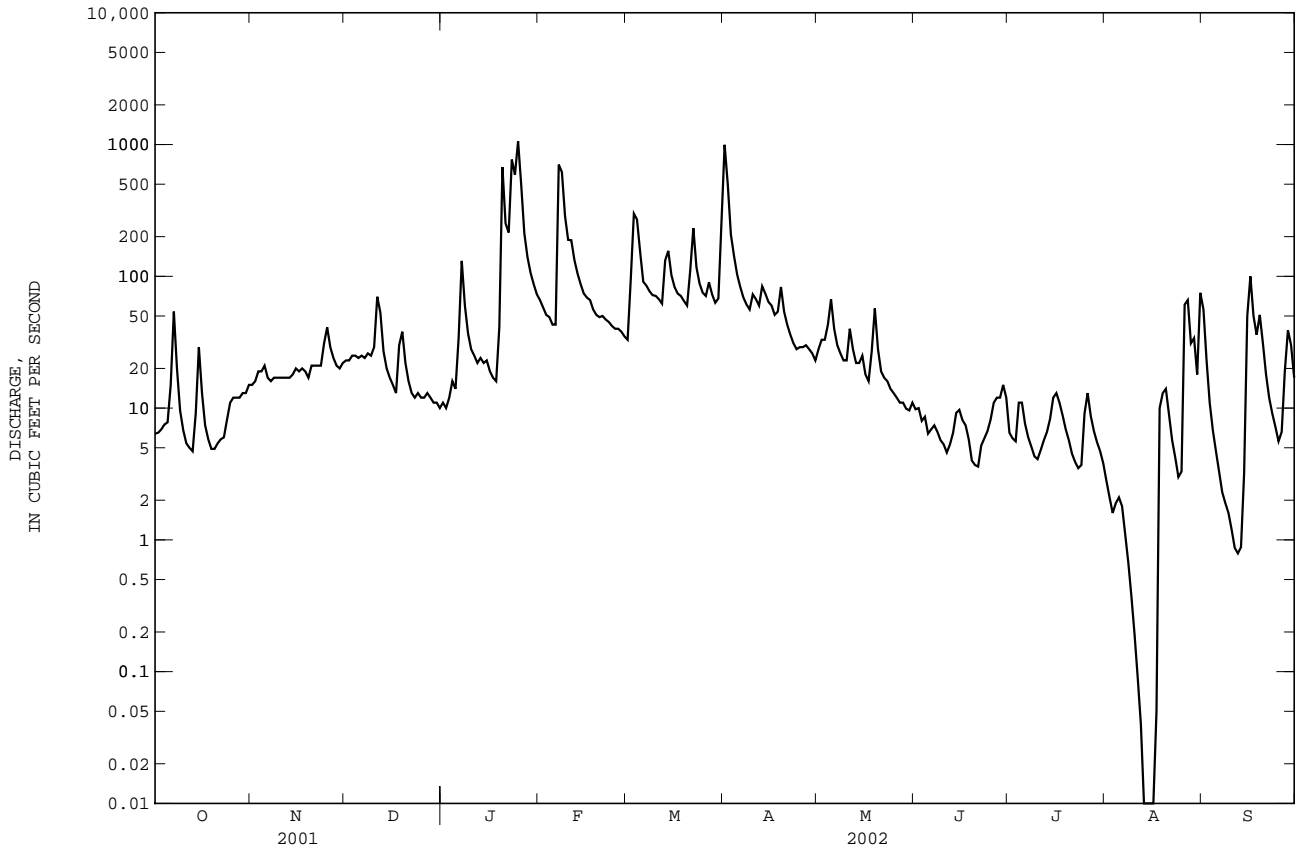
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1951 - 2002, BY WATER YEAR (WY)

	140	103	152	328	349	387	246	107	86.8	88.6	104	96.6
MEAN	140	103	152	328	349	387	246	107	86.8	88.6	104	96.6
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 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1951 - 2002	
ANNUAL TOTAL	18521.6		18990.17		183	
ANNUAL MEAN	50.7		52.0		315	
HIGHEST ANNUAL MEAN					1973	
LOWEST ANNUAL MEAN					52.0	
HIGHEST DAILY MEAN	2130	Mar 30	1060	Jan 25	21100	Aug 24 1967
LOWEST DAILY MEAN	2.8	Aug 23	0.00	a Aug 15	0.00	a Aug 15 2002
ANNUAL SEVEN-DAY MINIMUM	3.6	Sep 13	0.03	Aug 11	0.03	Aug 11 2002
MAXIMUM PEAK FLOW			1640	Apr 1	31300	Aug 23 1967
MAXIMUM PEAK STAGE			4.70	Apr 1	18.82	Aug 23 1967
INSTANTANEOUS LOW FLOW			0.00	b Aug 14	0.00	b Aug 14 2002
ANNUAL RUNOFF (CFSM)	0.26		0.27		0.94	
ANNUAL RUNOFF (INCHES)	3.55		3.64		12.79	
10 PERCENT EXCEEDS	86		90		343	
50 PERCENT EXCEEDS	21		19		63	
90 PERCENT EXCEEDS	6.7		4.2		16	

a Also occurred Aug. 16.  
 b Also occurred Aug. 15-17.  
 e Estimated



## SANTEE RIVER BASIN

02148000 WATEREE RIVER NEAR CAMDEN, SC

LOCATION.--Lat 34°14'40"', long 80°39'15"', Kershaw County, Hydrologic Unit 03050104, 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 mi<sup>2</sup>, 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 ft<sup>3</sup>).

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 ft<sup>3</sup>/s, from rating curve extended above 122,000 ft<sup>3</sup>/s, as explained in footnote below.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1760	1910	995	1450	1590	1420	3340	1520	1520	1390	1560	1190
2	1880	1900	1290	1250	1730	1550	3310	1300	1700	1380	1390	1400
3	1860	1470	1220	1320	1390	1900	3610	1130	1420	1460	1390	1310
4	1990	2000	1260	1180	2680	2970	4230	1350	1380	1430	1500	1290
5	1770	2010	1080	998	4490	3090	3520	1340	1600	1440	1510	1290
6	1830	1760	906	880	2890	2980	2770	1340	1760	1410	1570	1290
7	1740	1870	1020	1170	3210	2730	2460	1500	1470	1440	1380	1280
8	1860	1830	1030	1460	3620	2040	2430	1300	1190	1420	1450	1290
9	1760	1640	1050	2060	2950	1610	2430	1630	1380	1370	1400	1290
10	1860	1750	1100	1460	3560	1950	2470	1380	1510	1400	1400	1320
11	1660	2020	1090	e1480	3950	2480	2510	1690	1450	1460	1400	1430
12	2060	1730	1180	e1370	4200	3360	2520	1440	1330	1410	1400	1440
13	1430	1630	1100	1260	3770	843	2550	1570	1550	1370	1410	1380
14	1990	1760	1110	1250	3510	544	2530	1600	1380	1470	1420	1460
15	1720	1920	1070	1390	2420	2340	2490	1720	1470	1390	1450	1460
16	1860	1790	1040	1300	1810	3100	3690	1710	1330	1510	1440	1480
17	1760	1860	932	1160	1590	4000	2810	1400	1660	1430	1440	1860
18	1660	1480	1020	1310	1800	3720	2770	1560	1440	1440	1460	1430
19	1660	2300	994	1530	1790	3200	2270	1540	1340	1460	1450	2030
20	2350	1450	904	3150	1350	4450	2470	1780	1080	1470	1470	1560
21	1630	1630	1030	3430	1300	4730	2600	1500	1230	1480	1470	1400
22	1660	1720	967	5130	1330	5060	2390	1630	1580	1490	1470	1360
23	1740	1590	993	4250	1390	6290	2320	1440	1480	1480	1480	1340
24	1880	1270	1040	6920	1550	3890	2360	1410	1780	1460	1490	1330
25	1640	1250	1230	8660	1370	3390	2330	1410	1570	1390	1510	1290
26	1870	1170	900	7890	1440	3370	2320	1620	1590	1420	1380	1360
27	1910	1240	1040	5100	1650	3580	2320	1400	1460	1460	1680	1330
28	1760	1110	1030	3250	2010	3200	2320	1600	1270	1370	1530	1200
29	1670	847	982	1750	---	3140	2310	1440	1440	1420	1560	1190
30	2000	936	1050	1570	---	3010	2310	1650	1470	1510	1410	1050
31	1650	---	1080	1260	---	3110	---	1260	---	1330	1270	---
TOTAL	55870	48843	32733	77638	66340	93047	80760	46160	43830	44360	45140	41330
MEAN	1802	1628	1056	2504	2369	3002	2692	1489	1461	1431	1456	1378
MAX	2350	2300	1290	8660	4490	6290	4230	1780	1780	1510	1680	2030
MIN	1430	847	900	880	1300	544	2270	1130	1080	1330	1270	1050
CFSM	0.36	0.32	0.21	0.49	0.47	0.59	0.53	0.29	0.29	0.28	0.29	0.27
IN.	0.41	0.36	0.24	0.57	0.49	0.68	0.59	0.34	0.32	0.33	0.33	0.30

## STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 2002, BY WATER YEAR (WY)

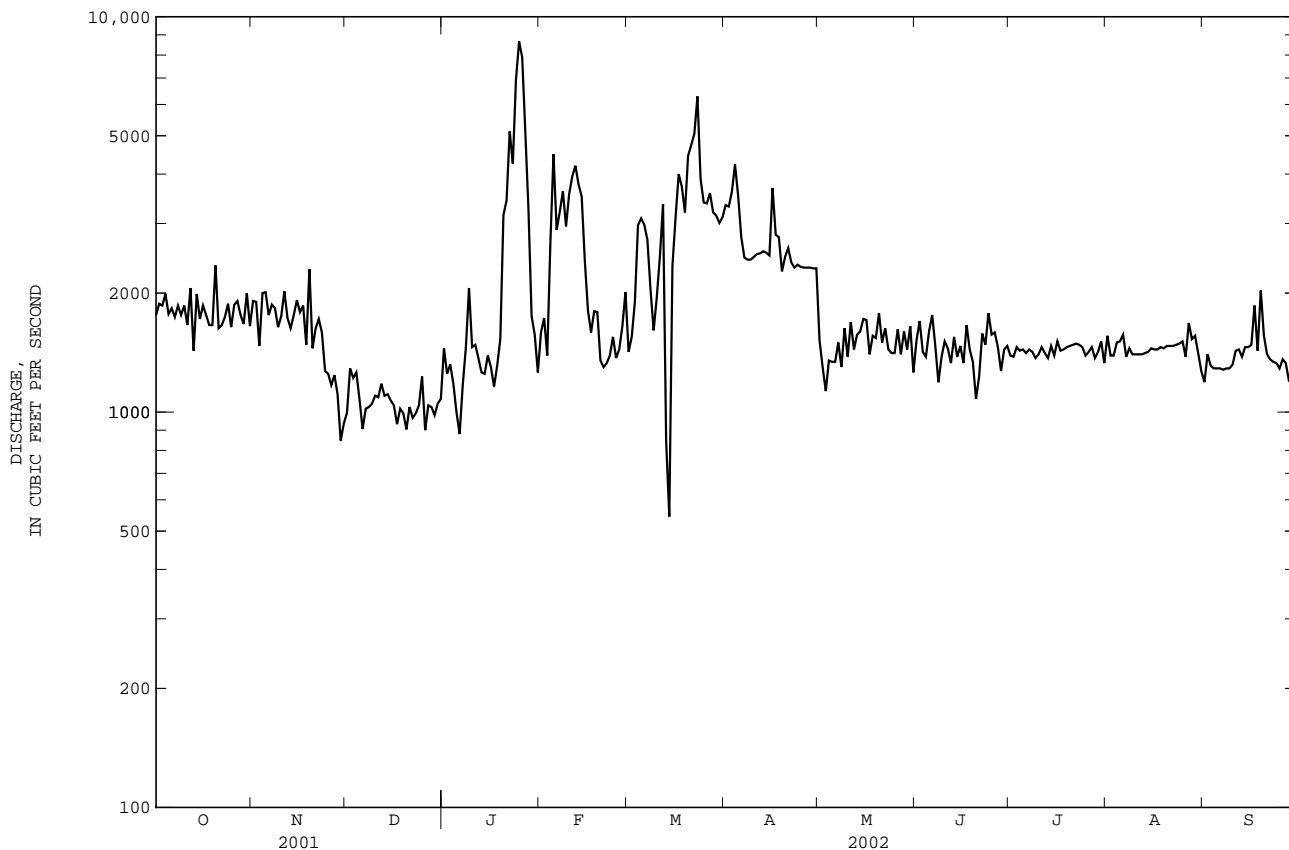
MEAN	4751	4844	5704	8463	9004	9445	8106	5449	4633	4127	4387	4023
MAX	19080	15370	14000	18530	23270	21700	28750	13200	12380	14980	12720	20430
(WY)	1965	1978	1984	1937	1960	1952	1936	1958	1973	1941	1967	1945
MIN	1095	992	1056	1803	2120	2941	1701	1022	997	656	1456	1033
(WY)	1955	1932	2002	1942	2001	1988	1986	1986	1988	1956	2002	1954

02148000 WATeree RIVER NEAR CAMDEN, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1930 - 2002	
ANNUAL TOTAL	810485		676051		6063	
ANNUAL MEAN	2221		1852		9964	
HIGHEST ANNUAL MEAN					1852	
LOWEST ANNUAL MEAN					149000	
HIGHEST DAILY MEAN	13400	Apr 1	8660	Jan 25	149000	Oct 3 1929
LOWEST DAILY MEAN	847	Nov 29	544	Mar 14	143	Sep 28 1980
ANNUAL SEVEN-DAY MINIMUM	977	Dec 17	977	Dec 17	279	Jul 1 1959
MAXIMUM PEAK FLOW			11000		a 366000	
MAXIMUM PEAK STAGE			11.06		a 39.70	
ANNUAL RUNOFF (CFSM)	0.44		0.37		1.20	
ANNUAL RUNOFF (INCHES)	5.95		4.96		16.25	
10 PERCENT EXCEEDS	3310		3140		12900	
50 PERCENT EXCEEDS	1760		1490		4790	
90 PERCENT EXCEEDS	1180		1150		1120	

a Site and datum then in use, from records of National Weather Service, from rating curve extended above 122,000 ft<sup>3</sup>/s, on basis of computations, by Duke Energy Corporation, of peak flow of 382,000 ft<sup>3</sup>/s over dam at Rocky Creek Reservoir.

e Estimated





WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1992 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: November 1991 to current year.

pH: November 1991 to current year.

WATER TEMPERATURE: March 1988 to September 1989, November 1991 to current year.

DISSOLVED OXYGEN: November 1991 to current year.

INSTRUMENTATION.--Hydrolab and data collection platform.

REMARKS.--Specific conductance records rated excellent. pH records rated excellent except for Nov. 1 to Nov. 19, Dec. 13 to Dec. 28, Jan. 11 to Feb. 20, Apr. 19 to May 7, May 31 to June 21, and July 5 to Aug. 8, which are good, Oct. 5 to Oct. 17, Feb. 22 to Mar. 15, and Aug. 15 to Sep. 20, which are fair. Temperature records rated excellent. Dissolved oxygen records rated good except for Jan. 29 to Feb. 20 and July 5 to Aug. 15, which are fair, Mar. 15 to May 7, May 31 to June 21, and Aug. 15 to Aug. 30, which are poor.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 290 microsiemens, Oct. 8, 2001; minimum, 45 microsiemens, Mar. 9, 1995.

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, 290 microsiemens, Oct. 8; minimum, 170 microsiemens, Mar. 14.

pH: Maximum, 8.9 units, Dec. 20; minimum, 6.8 units, May 8, 9, June 5, July 22, 23, Sep. 20.

WATER TEMPERATURE: Maximum, 33.0°C, July 30; minimum, 5.1°C, Jan. 5.

DISSOLVED OXYGEN: Maximum, 12.4 mg/L, Jan. 4; minimum, 2.8 mg/L, Aug. 4, 5.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	279	271	276	287	276	282	281	260	277	282	266	278
2	281	272	277	287	280	284	280	260	278	282	259	277
3	280	273	278	286	265	280	281	267	276	279	263	276
4	281	272	278	285	278	283	281	260	277	281	251	275
5	285	273	279	284	276	282	281	263	276	280	255	274
6	285	276	280	284	274	281	281	263	273	277	239	262
7	284	278	281	284	274	281	281	265	274	280	253	270
8	290	277	282	284	272	280	281	260	275	282	198	256
9	285	278	282	285	270	279	281	258	276	282	257	276
10	286	277	282	285	271	280	280	260	275	279	256	275
11	285	274	281	284	269	280	276	235	266	---	---	---
12	287	278	283	284	264	278	276	245	264	---	---	---
13	287	276	282	285	269	279	276	232	265	278	257	274
14	287	279	285	284	268	278	274	240	267	278	256	273
15	287	276	283	285	270	281	275	245	269	280	246	274
16	287	277	284	284	268	280	275	248	265	280	253	276
17	286	277	283	284	269	280	275	244	265	281	270	277
18	285	277	282	284	266	277	274	246	266	281	264	278
19	286	274	281	284	272	279	274	241	260	282	269	279
20	286	275	282	278	266	275	274	237	256	282	261	279
21	286	273	279	278	270	275	275	245	263	282	272	279
22	286	274	281	278	270	276	274	253	263	282	268	278
23	287	276	282	278	267	275	274	253	265	282	246	277
24	287	275	283	277	261	273	276	249	265	284	281	283
25	286	275	282	278	258	274	276	259	270	284	278	281
26	285	275	282	278	257	275	275	237	260	283	276	281
27	285	276	282	278	257	276	275	256	266	284	278	282
28	284	275	281	279	263	276	281	257	270	284	271	281
29	285	277	281	279	261	275	282	258	272	283	246	278
30	285	276	282	281	264	275	281	266	273	280	249	270
31	285	274	280	---	---	---	283	266	273	283	256	273
MONTH	290	271	281	287	257	278	283	232	269	---	---	---

02148000 WATEREE RIVER NEAR CAMDEN, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	283	265	275	257	237	252	215	212	214	210	201	206
2	283	265	279	256	240	251	216	214	215	209	200	206
3	285	260	276	254	224	244	218	214	216	209	194	205
4	285	265	282	249	230	243	218	214	216	209	188	203
5	285	276	283	249	244	247	217	213	215	208	177	199
6	284	269	282	247	234	244	216	214	215	206	182	198
7	280	255	273	244	216	241	217	214	215	212	189	205
8	281	262	273	241	229	238	218	215	217	212	195	207
9	282	243	271	238	212	232	218	213	216	214	204	211
10	281	258	279	238	219	232	217	212	213	213	192	210
11	281	268	277	234	209	228	213	209	211	212	200	210
12	279	259	276	234	230	233	214	211	213	214	203	211
13	276	256	274	233	199	222	214	208	212	213	208	211
14	274	243	270	223	170	193	215	212	213	212	203	209
15	272	258	270	229	184	222	219	214	216	212	197	208
16	272	265	270	229	227	228	219	214	217	214	202	209
17	271	256	267	228	226	227	217	212	215	214	203	208
18	267	256	264	226	223	225	216	213	215	211	199	208
19	263	244	260	224	223	223	216	206	213	210	185	203
20	263	245	258	225	221	223	217	212	215	210	185	203
21	264	240	261	223	220	221	217	213	215	211	197	205
22	263	253	261	222	217	220	215	212	214	210	197	203
23	263	249	258	221	215	219	215	212	214	207	193	201
24	259	248	257	220	218	219	215	211	213	206	196	202
25	261	242	255	220	219	219	213	209	211	206	198	202
26	261	234	255	220	219	220	212	209	211	206	200	204
27	261	234	258	221	218	220	212	209	210	208	198	206
28	258	247	256	221	218	219	212	208	210	209	203	207
29	---	---	---	221	217	219	210	208	209	213	204	208
30	---	---	---	218	214	216	210	207	208	212	205	208
31	---	---	---	216	213	214	---	---	---	217	205	209
MONTH	285	234	269	257	170	228	219	206	214	217	177	206
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	212	206	209	238	233	236	252	247	249	276	260	269
2	215	207	211	238	232	236	253	248	251	273	267	271
3	217	210	212	235	230	234	255	250	253	274	268	271
4	218	208	213	235	229	233	256	251	253	274	270	272
5	216	210	213	235	230	233	256	251	254	274	270	272
6	220	211	215	235	231	233	256	251	254	273	269	271
7	218	207	215	236	232	234	260	254	256	274	270	272
8	218	215	217	238	233	235	261	254	257	275	270	272
9	219	211	217	238	233	235	262	257	259	274	269	272
10	221	217	219	238	233	236	264	257	260	273	268	271
11	221	215	219	237	234	235	265	259	261	271	267	269
12	223	216	220	240	234	237	273	259	263	273	268	270
13	224	220	222	241	235	238	266	260	263	274	267	271
14	227	219	224	241	234	237	269	258	266	274	263	268
15	227	220	224	240	234	237	273	258	267	272	258	268
16	228	222	226	239	231	236	270	255	266	271	253	264
17	228	225	226	241	235	238	270	264	267	268	253	264
18	232	226	228	243	238	240	270	264	267	265	255	263
19	233	225	230	244	239	242	271	265	267	267	227	262
20	233	225	231	245	241	243	270	266	268	258	201	240
21	237	231	234	247	242	244	272	267	269	265	251	261
22	236	232	235	248	243	246	274	268	270	266	256	264
23	236	231	233	252	246	249	273	268	270	267	259	265
24	234	228	233	249	242	246	274	268	270	267	263	266
25	235	230	233	245	238	243	273	267	269	269	258	266
26	235	228	232	247	241	245	274	266	270	269	264	266
27	234	228	232	248	244	246	270	266	269	271	266	269
28	234	227	232	251	245	248	272	262	268	272	257	268
29	233	229	232	251	246	248	272	267	269	271	259	268
30	238	225	234	251	247	249	273	266	270	272	261	268
31	---	---	---	253	248	250	273	262	270	---	---	---
MONTH	238	206	224	253	229	240	274	247	263	276	201	267

## SANTEE RIVER BASIN

02148000 WATEREE RIVER NEAR CAMDEN, SC--Continued

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	7.5	6.9	7.7	7.2	8.2	7.3	8.7	7.2	7.7	7.3	8.5	7.4
2	7.3	6.9	7.5	7.2	8.3	7.3	7.8	7.3	8.8	7.2	7.5	7.3
3	7.4	6.9	8.1	7.2	8.5	7.4	8.6	7.3	8.3	7.4	7.9	7.1
4	7.8	6.9	8.5	7.2	8.4	7.3	8.8	7.3	8.4	7.3	8.7	7.2
5	7.8	6.9	8.3	7.2	8.0	7.3	8.7	7.4	8.9	7.4	8.2	7.3
6	7.5	7.2	7.7	7.3	8.0	7.4	8.6	7.4	7.7	7.4	7.8	7.2
7	7.6	7.3	8.4	7.3	8.0	7.4	7.9	7.4	7.7	7.4	8.0	7.2
8	8.0	7.4	8.5	7.4	8.2	7.4	8.5	7.4	8.0	7.2	8.5	7.2
9	7.8	7.3	8.2	7.3	8.5	7.3	7.9	7.4	7.9	7.3	7.9	7.2
10	8.2	7.2	8.7	7.3	7.6	7.4	8.3	7.4	7.8	7.2	7.6	7.1
11	8.7	7.2	8.2	7.3	8.8	7.4	---	---	7.6	7.2	8.5	7.2
12	7.8	7.2	8.3	7.3	7.7	7.4	---	---	8.0	7.3	7.2	7.2
13	8.5	7.2	7.6	7.3	8.0	7.3	8.4	7.4	7.8	7.2	7.2	7.1
14	7.4	7.1	8.3	7.3	8.2	7.2	8.0	7.4	8.6	7.2	7.9	7.0
15	7.8	7.1	7.7	7.4	8.3	7.2	8.5	7.3	8.6	7.3	8.4	7.1
16	8.0	7.2	8.5	7.3	8.6	7.2	8.8	7.4	8.2	7.2	7.8	7.1
17	8.8	7.2	8.3	7.3	8.5	7.2	8.4	7.4	8.1	7.2	7.7	7.1
18	8.2	7.2	7.6	7.3	8.5	7.3	8.5	7.3	8.4	7.3	7.8	7.2
19	7.9	7.4	7.6	7.2	8.5	7.2	7.5	7.3	8.8	7.2	7.7	7.2
20	8.2	7.3	7.6	7.3	8.9	7.3	8.3	7.3	7.9	7.1	7.6	7.1
21	7.8	7.3	7.9	7.3	8.8	7.3	7.4	7.3	8.3	7.2	7.4	7.2
22	8.1	7.3	7.8	7.3	8.7	7.4	7.5	7.3	8.1	7.2	8.4	7.2
23	8.1	7.2	7.9	7.3	8.7	7.3	7.4	7.3	8.3	7.2	8.0	7.2
24	7.7	7.2	8.0	7.3	8.3	7.3	7.4	7.3	8.4	7.2	8.1	7.2
25	8.4	7.2	7.7	7.3	7.5	7.3	7.6	7.3	8.6	7.2	8.0	7.2
26	7.9	7.2	7.8	7.3	8.8	7.3	7.7	7.4	8.3	7.2	7.8	7.2
27	8.4	7.3	8.1	7.3	8.7	7.3	7.7	7.3	8.7	7.3	8.5	7.2
28	8.3	7.4	8.1	7.3	8.7	7.2	8.1	7.3	7.5	7.3	8.1	7.2
29	8.4	7.3	8.0	7.3	8.7	7.3	7.8	7.2	---	---	8.4	7.2
30	8.8	7.3	7.6	7.3	8.8	7.3	7.9	7.3	---	---	8.0	7.2
31	8.8	7.3	---	---	8.6	7.3	7.8	7.3	---	---	7.7	7.2
MONTH	8.8	6.9	8.7	7.2	8.9	7.2	---	---	8.9	7.1	8.7	7.0
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	8.6	7.1	8.2	7.0	8.2	7.0	7.4	7.0	7.6	7.0	7.4	7.2
2	8.6	7.2	8.9	7.0	8.0	7.0	7.6	7.0	7.8	7.0	7.6	7.2
3	8.5	7.1	8.5	7.0	7.6	6.9	7.5	7.0	7.7	7.0	7.7	7.2
4	8.5	7.2	7.2	6.9	8.3	6.9	7.6	7.0	7.7	7.0	7.7	7.2
5	8.7	7.1	8.8	6.9	7.5	6.8	7.5	6.9	7.8	6.9	7.8	7.2
6	8.8	7.1	8.8	6.9	7.1	7.0	7.7	7.0	7.5	6.9	7.8	7.2
7	8.9	7.1	8.5	6.9	7.6	7.0	7.7	6.9	7.7	7.0	7.8	7.2
8	8.5	7.1	8.2	6.8	7.5	7.0	7.5	6.9	7.6	7.0	7.7	7.1
9	8.5	7.0	8.3	6.8	8.0	6.9	7.6	6.9	7.6	7.0	7.8	7.1
10	8.5	7.0	7.4	6.9	7.6	7.0	7.5	7.0	7.7	7.0	8.0	7.2
11	8.8	7.0	7.1	6.9	8.3	7.0	7.5	7.0	7.6	7.0	8.0	7.2
12	7.5	7.0	7.3	6.9	8.4	7.0	7.3	7.0	7.6	6.9	7.8	7.1
13	8.3	7.0	7.6	6.9	7.4	7.0	7.5	7.0	7.6	6.9	7.7	7.1
14	8.3	7.0	8.6	7.0	7.8	6.9	7.4	7.0	7.5	6.9	7.6	7.1
15	8.5	7.0	8.6	7.0	8.2	6.9	7.7	7.0	7.6	7.0	7.5	7.0
16	7.6	7.0	7.7	7.0	8.4	7.0	7.8	7.0	7.6	7.1	7.6	7.0
17	8.0	7.0	7.6	7.1	8.1	7.0	7.5	6.9	7.6	7.0	7.6	7.1
18	8.1	7.0	7.4	7.0	7.7	6.9	7.4	6.9	7.8	7.1	7.4	7.0
19	8.6	7.0	8.2	7.1	8.1	6.9	7.5	6.9	7.8	7.1	7.3	6.9
20	8.5	7.0	7.8	7.1	8.2	6.9	7.5	6.9	7.8	7.1	7.5	6.8
21	8.4	7.0	7.8	7.1	7.6	7.0	7.4	6.9	7.8	7.1	7.6	7.0
22	8.4	7.0	8.6	7.1	7.4	6.9	7.3	6.8	7.9	7.1	7.8	7.0
23	8.8	7.0	8.0	7.0	7.4	6.9	7.4	6.8	7.8	7.0	8.0	7.1
24	8.7	7.0	8.1	7.0	7.4	6.9	7.5	6.9	7.9	7.0	7.8	7.1
25	8.3	7.0	8.2	7.0	7.3	6.9	8.0	7.0	7.8	7.1	7.8	7.1
26	8.6	7.0	8.4	7.0	7.3	6.9	7.6	7.0	7.6	7.0	7.7	7.1
27	8.3	7.0	8.4	6.9	7.3	6.9	7.7	7.0	7.5	7.0	8.0	7.2
28	8.1	7.0	8.6	6.9	7.5	7.0	7.6	6.9	7.4	7.0	7.9	7.2
29	8.6	7.0	7.8	6.9	7.6	7.0	7.6	7.0	7.2	6.9	8.3	7.2
30	8.4	7.0	7.6	6.9	7.4	7.0	7.8	7.0	7.5	7.0	8.4	7.2
31	---	---	7.5	6.9	---	---	7.3	7.0	7.4	7.2	---	---
MONTH	8.9	7.0	8.9	6.8	8.4	6.8	8.0	6.8	7.9	6.9	8.4	6.8

SANTEE RIVER BASIN

02148000 WATEREE RIVER NEAR CAMDEN, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	24.0	19.1	22.1	19.0	16.0	17.5	16.7	14.4	15.1	11.1	8.9	10.6
2	23.8	19.0	22.6	19.0	17.2	17.8	16.3	13.7	14.8	10.4	7.0	9.4
3	24.0	21.2	22.2	19.5	17.5	18.3	15.9	13.4	14.7	9.1	6.6	8.4
4	24.6	20.3	22.2	18.9	17.2	17.8	16.2	12.1	14.2	9.6	6.3	8.7
5	23.7	21.1	22.1	18.4	14.5	17.2	16.5	13.2	14.9	9.2	5.1	8.2
6	22.9	21.7	22.2	17.6	14.7	16.7	16.5	12.9	15.0	9.0	6.7	8.3
7	22.5	19.9	21.4	18.2	14.7	16.6	16.2	12.8	14.9	9.3	7.8	8.6
8	22.5	16.6	20.7	18.8	13.5	16.3	16.6	13.2	15.0	9.4	6.6	8.3
9	22.0	19.1	20.3	17.5	15.0	16.2	15.8	14.4	15.1	9.7	7.4	8.7
10	22.4	18.3	20.5	18.4	13.6	15.9	14.8	12.7	13.9	11.8	8.1	9.3
11	23.7	19.8	20.7	17.3	14.5	15.9	14.9	12.7	13.8	---	---	---
12	21.9	19.5	20.8	17.3	13.0	15.8	14.4	13.5	14.2	---	---	---
13	23.1	19.7	20.7	16.2	13.7	15.1	16.1	14.2	14.8	10.5	7.6	9.0
14	21.1	20.1	20.5	16.4	14.1	15.5	17.0	14.9	15.4	9.1	6.5	8.4
15	21.8	19.0	20.2	16.4	14.9	15.7	15.8	14.1	14.9	10.9	7.8	8.9
16	21.9	18.7	19.8	17.1	14.5	15.4	14.8	12.1	13.8	10.2	6.8	8.6
17	21.3	15.4	18.9	16.9	14.1	15.6	16.2	13.0	14.3	10.6	6.5	8.5
18	20.5	15.8	19.1	15.7	14.3	15.2	15.6	14.0	14.8	10.1	8.3	8.9
19	20.8	16.2	18.9	16.5	14.8	15.8	14.9	11.4	13.7	8.9	8.2	8.6
20	21.7	18.2	19.7	15.6	13.9	15.0	14.2	11.4	12.8	10.0	8.1	8.7
21	20.2	18.3	19.3	15.2	13.1	14.3	12.9	10.2	12.0	8.8	8.0	8.4
22	22.5	18.9	19.8	15.5	11.3	14.2	12.9	9.0	11.9	8.9	7.8	8.5
23	21.5	18.9	19.7	15.3	13.4	14.4	13.8	10.1	12.3	8.8	8.2	8.6
24	21.6	18.8	19.6	17.2	14.8	15.4	13.9	12.6	13.2	9.1	8.6	8.7
25	22.3	19.5	20.1	17.0	15.3	15.7	12.7	9.8	11.9	9.2	8.6	8.9
26	20.4	17.3	19.1	16.5	14.8	15.2	12.1	9.0	11.1	9.6	8.6	9.0
27	19.7	15.6	18.2	17.5	14.7	15.3	12.0	7.9	10.8	9.5	8.8	9.1
28	19.3	13.9	17.3	17.0	14.2	15.2	12.0	8.7	10.8	11.3	8.8	9.3
29	19.4	14.7	17.1	17.1	14.4	15.5	12.3	9.5	11.2	11.7	8.4	9.6
30	20.1	14.4	17.5	16.0	14.6	15.2	11.8	8.6	10.8	11.7	9.4	10.3
31	19.8	13.9	17.1	---	---	---	11.2	8.0	10.2	11.9	9.3	10.3
MONTH	24.6	13.9	20.0	19.5	11.3	15.9	17.0	7.9	13.4	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	13.2	9.7	10.9	11.2	7.5	10.1	17.4	14.2	15.4	23.0	19.1	20.6
2	12.2	8.7	10.4	10.6	8.8	9.8	17.3	14.4	15.4	25.1	20.3	21.8
3	11.0	8.0	9.9	11.5	10.3	10.7	17.3	14.5	15.5	23.1	20.7	21.7
4	10.9	8.2	9.8	11.3	9.4	10.2	17.2	15.0	15.8	21.4	19.4	20.3
5	10.6	7.6	9.8	12.1	8.5	10.0	17.6	14.5	15.9	23.8	18.4	20.9
6	9.6	8.3	9.3	11.9	7.4	10.0	17.5	14.4	15.7	24.4	18.5	21.2
7	9.5	8.5	9.2	13.2	8.2	10.2	17.7	14.2	15.6	24.7	20.0	21.5
8	10.7	7.4	9.6	13.5	8.8	10.4	17.5	14.3	15.6	25.3	20.5	22.3
9	10.6	8.1	9.5	12.7	10.4	11.0	17.7	14.6	15.8	25.2	21.1	22.3
10	10.3	9.1	9.6	11.8	10.1	10.8	18.1	15.7	16.7	25.8	21.0	22.9
11	10.3	9.1	9.8	13.6	8.8	11.5	18.9	16.0	17.1	23.1	21.3	22.2
12	11.6	8.8	9.9	11.2	10.4	10.8	17.1	16.1	16.5	24.6	21.3	22.5
13	10.5	8.0	9.7	12.3	11.2	11.7	18.4	16.2	17.1	24.5	21.3	22.6
14	12.4	8.2	10.0	15.9	11.9	13.3	19.2	16.3	17.4	25.1	20.1	22.4
15	11.8	8.6	9.9	16.5	10.8	12.7	19.9	16.5	17.8	26.0	19.6	22.5
16	11.5	9.2	10.0	13.6	10.7	11.8	19.2	16.7	17.7	24.4	19.8	22.5
17	11.6	8.9	10.1	13.3	11.5	12.2	20.0	17.0	18.2	25.1	21.2	23.0
18	11.8	8.3	10.0	12.9	11.5	12.0	20.1	17.3	18.3	23.0	21.5	22.1
19	12.1	8.4	10.1	13.1	11.9	12.3	21.0	17.4	19.0	22.2	18.0	21.2
20	12.1	8.8	10.4	13.3	11.2	12.0	21.0	17.7	18.9	23.5	19.4	21.6
21	13.9	9.6	10.9	13.2	12.2	12.7	21.0	17.7	19.0	22.9	19.0	21.5
22	12.2	8.8	10.6	14.8	11.5	13.1	21.3	18.4	19.7	24.1	19.1	21.7
23	11.4	9.4	10.6	14.4	12.3	13.3	21.7	18.4	19.7	24.9	19.0	21.9
24	12.6	9.1	10.7	15.2	12.0	13.2	21.4	17.8	19.2	25.2	18.9	22.2
25	13.2	8.8	11.0	15.2	12.3	13.3	21.6	18.4	19.7	25.7	19.8	22.6
26	12.7	9.6	11.0	14.6	12.7	13.5	21.0	18.5	19.4	25.7	21.0	22.5
27	11.0	8.0	10.2	16.2	13.1	14.3	21.3	18.6	19.6	26.3	20.7	22.7
28	11.2	8.2	10.0	15.1	13.5	14.1	22.2	18.9	20.2	26.2	20.6	22.7
29	---	---	---	16.4	13.2	14.4	23.5	19.7	21.2	24.7	21.2	22.3
30	---	---	---	15.2	13.8	14.3	22.0	19.6	20.6	23.8	21.5	22.4
31	---	---	---	15.7	14.0	14.6	---	---	---	24.8	21.8	23.2
MONTH	13.9	7.4	10.1	16.5	7.4	12.1	23.5	14.2	17.8	26.3	18.0	22.1

## SANTEE RIVER BASIN

02148000 WATEREE RIVER NEAR CAMDEN, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	27.2	22.1	23.8	28.8	25.0	26.2	31.1	27.8	29.0	27.5	25.2	26.4
2	26.9	22.2	23.5	29.8	25.1	26.5	31.6	27.5	28.8	28.5	26.0	27.1
3	26.0	22.6	23.6	29.2	24.9	26.3	31.5	27.3	28.6	29.7	26.0	27.7
4	26.5	22.2	23.4	29.3	25.0	26.5	31.4	27.2	28.5	29.9	25.7	27.6
5	25.6	21.9	23.2	30.2	25.6	27.2	31.8	27.5	28.8	29.4	25.9	27.5
6	26.0	22.6	23.5	30.0	26.0	27.2	30.9	27.6	29.0	28.9	25.5	27.1
7	27.5	22.7	23.9	30.2	25.5	26.8	30.4	27.2	28.8	28.6	25.1	26.7
8	26.1	21.9	23.3	29.4	25.0	26.5	30.4	26.0	28.2	28.1	24.6	26.3
9	27.5	21.0	23.1	30.6	25.8	27.2	30.1	26.0	28.1	28.1	25.0	26.5
10	26.8	21.4	23.3	29.2	26.2	27.3	30.4	25.9	28.1	28.5	24.9	26.5
11	28.4	21.5	23.7	28.3	26.8	27.2	30.7	25.8	28.2	28.9	24.9	26.8
12	28.7	21.9	24.1	27.2	25.6	26.4	30.6	26.4	28.4	27.4	25.5	26.4
13	27.6	22.5	24.5	29.5	25.6	26.6	30.0	26.6	28.3	27.7	24.9	26.2
14	27.0	23.2	24.3	30.0	26.2	27.3	29.6	26.4	28.0	27.4	25.4	26.2
15	28.1	23.2	24.5	30.6	26.5	27.7	29.4	26.9	28.1	27.0	25.4	26.1
16	28.2	22.1	24.1	30.8	26.7	28.0	30.0	26.9	28.3	27.4	25.4	26.4
17	26.8	22.8	24.0	30.8	26.8	28.2	29.9	27.1	28.4	27.7	25.4	26.3
18	25.8	22.2	23.6	31.0	27.0	28.2	31.3	27.1	29.0	26.5	25.5	26.0
19	27.7	22.3	23.9	31.3	27.3	28.6	30.5	27.3	28.9	26.6	25.0	25.8
20	27.4	22.7	24.4	31.0	27.4	28.6	31.6	27.5	29.3	27.6	24.2	26.0
21	26.0	22.8	24.2	30.7	27.4	28.4	31.3	27.7	29.4	27.4	24.7	26.1
22	25.5	23.2	24.0	30.0	26.8	27.9	31.3	27.4	29.2	28.5	24.9	26.5
23	26.3	23.1	24.4	29.7	26.7	27.7	31.3	27.3	29.2	27.9	25.3	26.4
24	26.3	23.6	24.5	29.5	26.7	27.8	31.4	27.7	29.5	26.9	25.1	26.0
25	26.7	23.7	24.7	32.1	27.0	28.4	30.7	27.8	29.2	26.2	24.4	25.4
26	26.0	24.2	24.9	30.6	27.5	28.5	30.5	27.6	28.8	26.7	24.5	25.6
27	27.3	24.4	25.3	31.6	27.3	28.7	29.3	27.6	28.4	27.3	25.1	26.1
28	28.0	24.5	25.7	31.9	27.7	29.1	28.5	27.3	27.9	27.0	24.5	25.7
29	29.8	25.0	26.3	32.0	28.0	29.2	28.0	26.8	27.6	27.3	24.3	25.8
30	27.8	24.9	26.0	33.0	28.3	29.6	27.6	26.8	27.2	27.5	23.9	25.6
31	---	---	---	30.7	28.3	29.3	27.2	26.4	26.8	---	---	---
MONTH	29.8	21.0	24.2	33.0	24.9	27.7	31.8	25.8	28.5	29.9	23.9	26.4

02148000 WATEREE RIVER NEAR CAMDEN, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	8.0	5.9	6.7	8.3	6.5	7.1	10.4	6.9	7.6	12.2	8.2	9.1
2	6.5	5.6	6.0	8.2	6.6	7.0	10.7	7.5	8.1	11.5	8.5	9.2
3	7.0	5.5	5.9	7.9	6.6	7.0	10.0	7.8	8.5	11.4	9.0	9.5
4	9.6	5.3	5.9	9.7	6.8	7.7	10.3	7.5	8.1	12.4	9.0	10.0
5	7.2	5.0	5.7	9.7	6.8	7.9	9.8	7.6	8.2	12.3	9.4	10.3
6	6.7	5.0	5.7	9.2	7.2	7.7	9.6	7.2	8.0	12.3	9.4	10.3
7	7.3	5.7	6.3	8.9	6.6	7.2	9.8	6.8	7.8	10.6	9.1	9.7
8	8.7	6.4	7.1	10.3	6.9	7.6	10.0	7.0	7.7	11.6	9.4	10.4
9	8.4	6.2	6.8	10.1	6.6	7.5	10.1	6.6	7.4	11.2	8.8	9.4
10	9.1	6.2	7.0	10.0	6.4	7.4	9.0	7.2	7.6	10.7	8.9	9.6
11	9.4	5.6	6.5	10.3	6.4	7.3	10.3	7.5	8.2	---	---	---
12	8.4	5.4	6.6	9.7	6.6	7.7	8.9	7.4	7.8	---	---	---
13	9.7	6.2	6.9	8.9	6.8	7.5	9.2	7.3	7.7	10.8	9.3	9.7
14	7.0	5.8	6.3	9.7	6.7	7.6	9.4	7.0	7.5	11.1	9.5	9.9
15	9.3	5.8	6.8	8.8	6.8	7.5	10.3	7.0	7.6	11.5	9.3	9.6
16	8.7	5.9	6.7	9.8	6.8	7.7	10.2	7.3	8.1	11.7	9.3	9.8
17	10.3	6.3	7.3	9.8	6.8	7.8	9.9	7.2	7.9	10.8	9.5	9.8
18	9.8	6.8	7.5	9.4	6.6	7.3	10.0	7.0	7.9	11.2	9.2	9.6
19	9.3	6.9	7.7	9.2	6.7	7.7	10.4	7.4	8.3	10.3	9.3	9.6
20	8.8	6.7	7.3	9.1	7.3	8.0	11.0	7.3	8.5	11.7	9.0	9.8
21	8.4	6.7	7.2	10.2	7.5	8.2	10.7	7.5	8.5	9.7	9.0	9.4
22	8.1	6.1	6.8	9.9	7.5	8.2	10.9	7.6	8.7	9.7	9.1	9.4
23	8.3	6.0	6.5	10.7	7.5	8.0	10.3	7.7	8.5	9.8	9.0	9.5
24	8.7	5.8	6.3	10.2	7.4	8.0	11.1	7.5	8.4	9.8	9.4	9.6
25	9.6	5.8	6.6	9.5	7.4	8.0	9.2	7.6	8.2	10.2	9.4	9.7
26	8.5	6.2	7.2	10.1	7.4	7.9	11.3	8.5	9.5	10.5	9.7	10.0
27	9.2	6.7	7.6	10.2	7.4	7.9	10.7	8.0	8.9	10.8	9.5	10.1
28	9.4	7.1	8.0	9.7	7.3	8.0	11.6	8.2	9.0	11.2	9.6	10.1
29	10.1	7.0	7.6	10.1	7.3	7.9	11.7	8.1	9.1	10.4	9.2	9.7
30	9.9	6.8	7.4	9.5	7.0	7.5	12.1	8.1	9.2	9.8	8.6	9.1
31	10.1	6.7	7.2	---	---	---	10.8	8.4	9.3	9.7	8.5	9.2
MONTH	10.3	5.0	6.8	10.7	6.4	7.7	12.1	6.6	8.3	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	9.5	8.3	8.9	11.3	9.5	10.1	8.7	6.5	7.4	7.3	4.4	5.0
2	10.6	8.5	9.5	10.3	9.1	9.4	8.6	6.3	7.2	8.1	4.2	5.5
3	10.0	8.8	9.5	11.3	8.9	9.6	8.4	6.1	6.9	7.9	3.9	5.2
4	10.4	8.6	9.5	12.2	9.0	9.7	8.4	6.1	6.8	6.9	4.5	5.1
5	10.8	9.3	9.8	11.6	8.6	9.6	8.4	6.0	6.9	8.0	4.6	5.6
6	10.0	9.0	9.3	10.9	8.7	9.5	9.0	5.8	6.8	8.5	4.6	5.9
7	9.7	8.8	9.3	11.3	8.4	9.2	8.9	5.9	7.0	10.4	4.5	5.9
8	9.9	8.8	9.3	12.1	8.3	9.3	8.3	5.7	6.8	9.1	4.3	6.0
9	10.1	9.2	9.6	11.2	8.7	9.4	8.3	5.5	6.4	9.9	4.2	5.2
10	10.1	8.7	9.2	10.2	8.2	9.2	8.1	5.6	6.5	7.7	4.4	5.4
11	9.5	8.7	9.1	11.7	9.2	10.2	8.5	5.4	6.5	5.5	4.3	4.8
12	9.9	8.8	9.2	9.2	8.4	8.9	7.0	5.3	5.9	7.7	3.9	4.9
13	10.0	8.7	9.2	9.1	8.2	8.7	8.0	5.5	6.4	7.8	4.0	5.3
14	10.1	8.8	9.2	9.7	8.4	8.9	8.0	5.5	6.4	9.6	4.2	6.0
15	9.8	8.7	9.1	9.8	8.0	8.9	8.0	5.4	6.3	9.5	4.7	6.5
16	9.7	8.4	8.8	9.9	8.1	8.8	7.2	5.2	5.9	9.3	5.4	6.9
17	10.1	8.4	9.2	9.6	8.3	8.7	7.7	5.4	6.2	8.3	5.2	6.5
18	10.3	8.7	9.3	9.9	8.3	8.8	7.8	5.3	6.0	8.1	4.4	5.6
19	10.0	8.7	9.0	9.8	8.3	8.8	8.5	5.3	6.7	8.3	6.0	7.1
20	9.8	8.7	9.0	9.5	8.0	8.4	8.8	5.1	6.4	9.1	5.8	7.3
21	10.8	8.6	9.3	9.0	8.2	8.5	8.6	5.0	6.2	8.8	5.2	6.8
22	10.9	9.0	9.8	10.3	8.2	9.0	8.6	5.0	6.4	8.9	5.2	6.4
23	12.3	9.2	10.1	9.8	8.1	8.8	9.1	5.1	6.6	8.5	5.0	6.3
24	11.9	9.6	10.3	10.1	8.0	8.7	9.1	5.0	6.3	8.8	4.9	6.4
25	11.3	9.6	9.9	9.9	7.8	8.4	8.5	4.9	6.2	8.7	5.1	6.3
26	10.7	9.0	9.5	9.6	7.8	8.4	8.8	4.8	6.2	9.5	4.8	6.3
27	12.2	8.8	9.7	10.4	7.8	8.7	8.2	4.8	5.9	8.7	5.1	6.2
28	10.2	9.5	9.9	10.0	7.9	8.6	8.2	4.4	5.7	8.6	5.0	6.4
29	---	---	---	8.3	6.7	7.9	8.8	4.4	6.0	8.0	5.1	6.1
30	---	---	---	8.7	6.5	7.2	8.4	4.8	6.1	8.2	4.6	6.0
31	---	---	---	8.0	6.5	7.0	---	---	---	8.3	4.9	6.6
MONTH	12.3	8.3	9.4	12.2	6.5	8.9	9.1	4.4	6.4	10.4	3.9	6.0

## SANTEE RIVER BASIN

02148000 WATEREE RIVER NEAR CAMDEN, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	8.6	4.8	6.2	6.6	3.7	4.6	6.9	3.3	4.5	6.2	4.5	5.3
2	8.6	4.9	6.0	7.2	3.9	4.6	7.6	3.3	4.6	7.1	4.2	5.7
3	8.0	4.5	5.9	7.2	3.9	4.8	7.6	3.4	4.5	7.3	5.2	6.0
4	9.8	4.7	6.2	7.1	4.0	4.9	7.7	2.8	4.5	7.4	5.0	6.0
5	8.1	3.6	5.1	7.6	3.8	5.0	7.7	2.8	4.5	7.6	5.1	6.1
6	6.4	4.0	4.8	8.3	3.9	5.0	7.3	3.5	4.9	7.6	4.9	6.1
7	7.4	3.9	5.3	7.3	4.3	5.1	7.5	4.0	5.5	7.6	5.2	6.2
8	8.2	4.8	5.8	7.8	3.8	5.1	7.2	4.2	5.5	7.6	5.3	6.2
9	8.9	4.7	6.0	7.2	3.7	4.7	7.2	4.2	5.4	7.8	5.2	6.3
10	8.6	5.0	6.0	7.3	3.7	4.6	7.5	4.1	5.6	7.9	5.3	6.4
11	8.6	4.8	5.9	6.7	3.4	4.5	7.5	4.1	5.6	8.1	5.1	6.5
12	8.8	4.5	5.9	6.6	3.7	4.5	7.7	4.0	5.6	7.8	5.1	6.3
13	7.2	4.5	5.4	7.2	3.7	4.6	7.4	4.1	5.6	7.8	5.2	6.2
14	8.3	4.4	5.7	7.0	3.6	4.6	7.0	4.2	5.5	7.7	5.2	6.2
15	8.8	4.8	6.1	7.7	3.8	4.9	7.2	4.5	5.6	7.7	5.4	6.3
16	8.8	4.5	6.0	7.8	3.8	4.8	7.5	4.4	5.6	7.9	5.3	6.4
17	8.9	4.9	6.1	7.4	3.8	4.7	7.4	4.3	5.6	8.0	5.1	6.0
18	8.0	4.6	6.0	7.3	3.7	4.6	7.4	4.5	5.8	7.7	5.0	6.0
19	9.0	4.3	5.8	7.1	3.6	4.6	7.3	4.1	5.5	7.2	5.3	6.0
20	7.9	3.6	5.4	6.5	3.4	4.3	7.2	4.2	5.5	7.6	5.1	6.3
21	8.1	4.6	5.6	6.9	3.3	4.5	7.2	4.0	5.5	7.9	5.4	6.5
22	8.0	4.6	5.8	7.1	3.4	4.4	7.6	4.2	5.7	8.2	5.4	6.5
23	7.9	4.8	6.0	7.1	3.2	4.3	7.6	4.3	5.8	8.2	5.5	6.6
24	7.8	4.8	5.6	7.0	3.7	4.7	7.5	4.2	5.7	8.2	5.5	6.5
25	7.2	4.2	5.2	7.6	3.8	4.9	7.2	4.3	5.5	8.3	5.3	6.4
26	7.0	4.0	5.0	7.2	3.5	4.6	7.0	4.1	5.3	7.8	5.5	6.3
27	7.0	3.9	5.0	7.5	3.7	4.7	6.9	4.0	5.4	8.1	5.6	6.5
28	7.2	4.1	5.3	7.4	3.4	4.5	7.1	4.6	5.5	8.2	5.4	6.6
29	6.9	4.0	5.0	7.5	3.4	4.6	6.8	4.7	5.6	8.6	5.5	6.8
30	6.5	3.9	4.7	7.4	3.7	4.6	6.5	4.8	5.4	8.3	5.6	6.6
31	---	---	---	5.6	3.0	4.1	6.2	4.7	5.2	---	---	---
MONTH	9.8	3.6	5.6	8.3	3.0	4.7	7.7	2.8	5.4	8.6	4.2	6.3





SANTEE RIVER BASIN

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

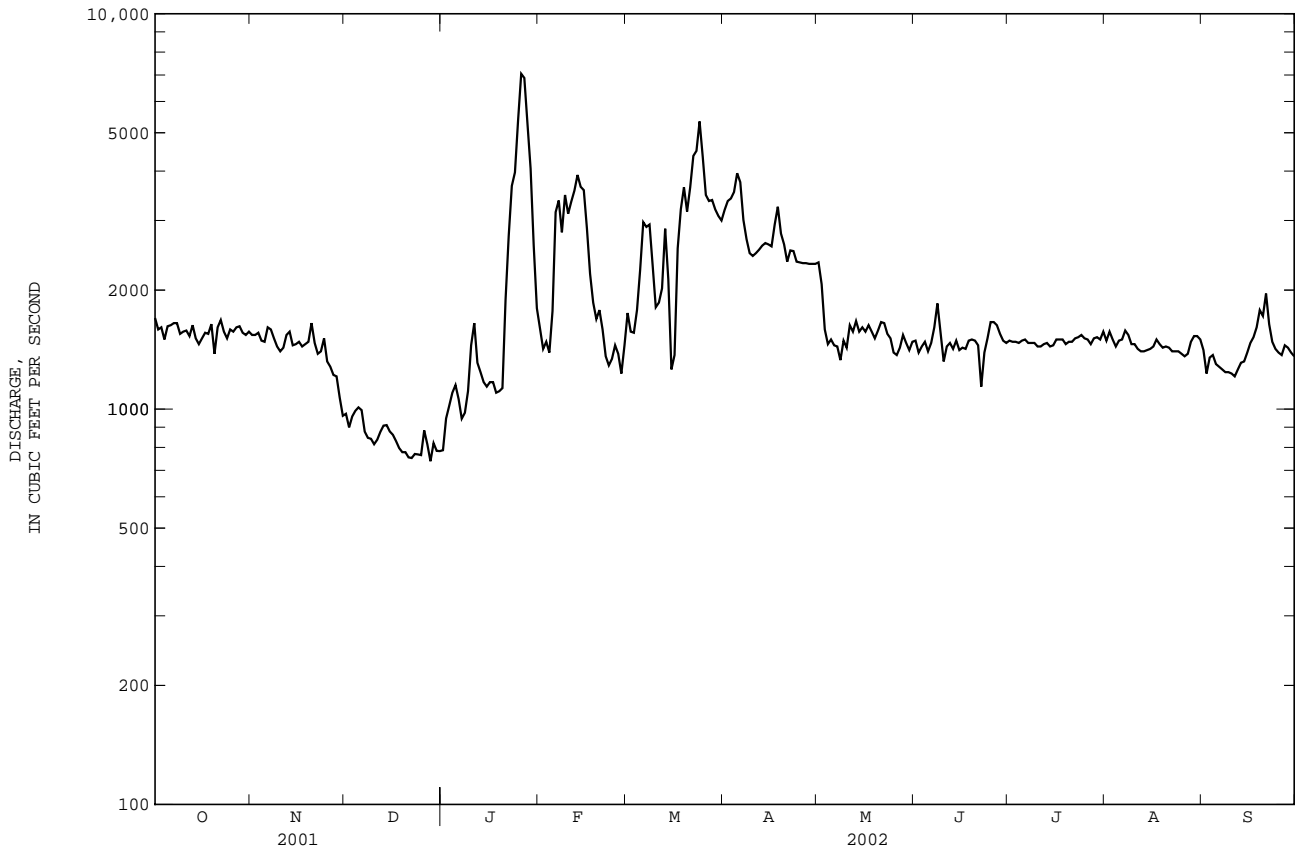
SUMMARY STATISTICS

FOR 2002 WATER YEAR

WATER YEARS 1968 - 2002

LOWEST DAILY MEAN	738	Dec 28	549	Oct 22 1986
MAXIMUM PEAK FLOW	7470	Jan 27	Unknown	Oct 6 1989
MAXIMUM PEAK STAGE	12.69	Jan 27	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. pH records rated excellent except for Dec. 14 to Dec. 28, Jan. 29 to Feb. 20, and Aug. 2 to Aug. 16, which are good. Temperature records rated excellent. Dissolved oxygen records rated poor except for Nov. 29 to Dec. 28, which are good, Jan. 29 to Apr. 19, May 7 to June 11, and June 21 to July 19, which are fair.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 590 microsiemens, Sep. 15, 2002; minimum, 40 microsiemens, Sep. 1, 1984.

pH: Maximum, 8.5 units, Aug. 26, 1980; minimum, 5.2 units, Jun. 2, 1995.

WATER TEMPERATURE: Maximum, 33.0°C, Jul. 19, 20, 1986; minimum, 1.0°C, Jan. 22, 1985.

DISSOLVED OXYGEN: Maximum, 13.6 mg/L, Jan. 4, 5, 2001; minimum, 2.1 mg/L, Aug. 27, 1984.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 590 microsiemens, Sep. 15; minimum, 177 microsiemens, May 8.

pH: Maximum, 8.2 units, Oct. 3; minimum, 6.8 units, Mar. 15, 16..

WATER TEMPERATURE: Maximum, 32.1, July 30; minimum, 4.1°C, Jan. 5.

DISSOLVED OXYGEN: Maximum, 11.8 mg/L, Jan. 5; minimum, 5.0 mg/L, July 30, 31.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	343	323	330	348	339	343	346	244	324	359	352	355
2	343	333	338	342	329	335	349	344	347	359	334	341
3	333	326	330	338	332	335	347	337	342	345	238	308
4	354	331	341	351	330	338	351	336	344	345	328	336
5	345	340	342	346	331	336	357	343	348	330	303	316
6	347	335	339	340	328	332	351	343	347	316	297	309
7	345	329	337	337	327	330	365	345	357	306	192	239
8	344	332	338	333	267	302	348	340	344	302	285	297
9	360	335	345	274	263	267	345	338	342	318	287	302
10	358	284	340	322	263	290	345	336	341	298	273	286
11	353	338	345	328	311	316	351	323	335	---	---	---
12	364	339	347	317	311	314	337	331	333	---	---	---
13	349	339	343	319	310	315	334	323	329	307	302	305
14	355	270	331	337	315	322	330	321	325	310	302	306
15	283	267	271	335	331	332	329	303	320	306	300	303
16	365	270	307	335	328	332	330	321	326	305	293	299
17	355	344	349	336	327	331	336	244	323	300	293	296
18	351	342	346	334	328	331	339	331	336	313	300	307
19	348	338	341	343	326	334	336	328	332	312	300	305
20	359	346	353	340	311	325	353	329	336	315	301	306
21	349	331	339	341	326	334	341	330	334	303	275	285
22	351	332	342	341	330	334	332	319	325	292	255	281
23	351	340	344	339	330	335	338	325	333	281	256	276
24	348	273	334	333	315	322	334	324	327	285	255	272
25	345	338	342	337	333	335	346	326	339	278	269	275
26	360	338	350	336	330	333	343	329	335	278	275	277
27	356	342	347	334	275	314	363	338	350	278	274	276
28	349	339	345	353	294	327	351	241	333	276	274	275
29	353	337	345	353	247	310	357	340	346	298	275	287
30	350	338	343	348	247	284	373	345	355	306	298	302
31	344	338	341	---	---	---	354	340	346	312	306	309
MONTH	365	267	338	353	247	323	373	241	337	---	---	---

## SANTEE RIVER BASIN

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	320	306	313	297	244	287	236	228	232	252	202	243
2	325	313	317	301	290	296	234	227	230	254	245	250
3	320	312	315	291	270	284	236	228	231	265	194	240
4	329	315	323	275	268	271	236	234	235	269	192	234
5	317	271	302	275	237	257	240	236	238	268	254	258
6	298	271	295	260	237	247	239	233	235	267	185	214
7	297	294	296	263	257	260	238	231	236	267	181	235
8	297	252	271	265	231	259	240	235	238	183	177	180
9	284	270	278	271	265	268	241	233	238	257	181	228
10	282	258	273	282	268	274	247	234	240	274	194	250
11	281	251	271	275	264	268	236	227	233	269	255	263
12	282	277	280	273	258	265	235	227	230	268	189	242
13	287	278	283	260	244	249	239	221	229	266	192	259
14	288	278	284	267	213	255	238	229	233	260	248	254
15	291	280	286	296	197	259	238	197	228	250	188	227
16	292	284	288	254	181	208	238	221	228	192	187	189
17	298	287	295	254	236	247	238	199	226	199	183	192
18	---	---	---	252	244	248	245	203	230	253	191	200
19	---	---	---	248	244	246	252	233	242	198	189	192
20	302	288	294	252	245	247	249	202	231	264	189	207
21	308	296	303	245	235	239	252	202	232	258	246	253
22	310	303	306	236	232	234	250	247	248	257	249	253
23	309	303	306	235	209	222	253	248	252	262	257	259
24	308	301	304	210	206	208	255	204	243	260	197	230
25	306	296	301	209	206	207	255	203	240	243	197	206
26	302	296	298	236	203	214	247	203	207	277	236	245
27	307	234	298	238	236	237	254	204	248	280	273	276
28	295	288	292	241	238	238	253	249	251	281	271	274
29	---	---	---	246	241	244	252	249	251	281	212	276
30	---	---	---	247	245	246	252	246	250	288	278	282
31	---	---	---	248	233	243	---	---	---	---	---	---
MONTH	---	---	---	301	181	249	255	197	236	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	289	284	287	---	---	---	327	321	322
2	---	---	---	292	281	287	---	---	---	330	312	326
3	---	---	---	292	282	288	---	---	---	321	312	315
4	---	---	---	293	283	289	337	328	332	321	314	317
5	---	---	---	292	285	288	347	333	340	324	258	306
6	---	---	---	287	282	285	346	336	341	324	321	322
7	---	---	---	289	283	286	344	257	330	329	321	325
8	---	---	---	291	283	287	344	335	338	326	321	324
9	---	---	---	291	284	288	356	344	349	326	325	326
10	---	---	---	295	286	291	350	346	348	328	324	326
11	---	---	---	296	290	294	353	349	351	336	263	304
12	282	276	279	296	290	293	354	267	337	335	264	322
13	288	275	281	297	290	293	354	350	353	324	319	322
14	288	278	281	296	290	293	356	348	352	323	318	321
15	290	279	285	295	288	291	353	264	333	590	313	399
16	287	259	283	294	285	290	351	337	344	539	268	443
17	291	219	253	292	288	290	337	328	331	303	291	297
18	290	283	285	293	232	273	330	254	302	293	282	287
19	290	280	285	299	229	240	337	258	302	289	281	284
20	295	281	288	300	241	280	337	258	320	293	240	283
21	297	283	288	307	240	265	338	260	334	295	285	288
22	304	296	300	308	299	304	337	258	310	297	277	289
23	296	287	289	308	246	293	340	258	336	304	244	286
24	288	279	283	308	299	304	339	336	338	309	304	307
25	279	273	276	306	299	303	337	261	297	315	309	311
26	280	222	267	311	252	294	342	258	280	314	305	308
27	287	227	273	310	304	307	343	260	326	307	302	304
28	292	225	262	311	302	305	343	325	332	307	305	306
29	292	280	286	312	304	308	326	309	320	311	306	309
30	292	282	287	315	306	311	321	313	318	312	310	311
31	---	---	---	315	308	312	323	315	319	---	---	---
MONTH	---	---	---	315	229	291	---	---	---	590	240	316



## SANTEE RIVER BASIN

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	21.5	20.0	20.9	17.2	15.8	16.5	18.5	17.7	18.0	8.5	7.6	8.1
2	21.6	20.1	20.9	18.7	17.2	18.1	17.7	16.6	17.1	7.9	5.6	7.0
3	22.2	20.5	21.4	19.8	18.5	19.2	16.6	15.1	15.8	5.6	5.0	5.3
4	22.9	21.4	22.1	19.7	18.8	19.3	15.1	13.9	14.5	5.2	4.2	4.8
5	23.1	21.9	22.6	18.8	17.2	17.9	15.0	14.0	14.5	5.3	4.1	4.8
6	23.1	22.4	22.8	17.2	15.5	16.2	15.3	14.1	14.7	6.4	5.1	5.7
7	22.4	21.1	21.7	15.5	14.5	15.1	15.6	14.4	15.1	6.6	5.6	6.2
8	21.1	19.6	20.2	15.2	14.2	14.8	16.2	15.0	15.7	6.6	5.6	6.1
9	19.7	18.5	19.1	15.5	14.3	14.9	16.7	16.0	16.3	6.8	5.6	6.2
10	19.6	18.5	19.1	15.7	14.3	15.0	16.1	14.1	15.0	8.3	6.6	7.3
11	20.6	19.2	20.0	15.6	14.5	15.1	14.1	13.6	13.8	---	---	---
12	21.0	20.1	20.6	15.4	14.6	15.0	13.6	13.4	13.5	---	---	---
13	22.0	20.5	21.3	14.8	14.0	14.4	14.7	13.5	14.0	9.9	8.9	9.4
14	22.0	21.5	21.7	14.2	13.7	14.0	16.0	14.6	15.2	9.2	8.4	8.7
15	22.0	20.7	21.4	14.8	14.0	14.3	16.4	15.7	16.1	9.2	7.9	8.6
16	21.2	20.0	20.6	15.4	14.3	14.8	15.8	14.7	15.1	8.8	7.8	8.3
17	20.0	18.5	19.1	15.5	14.3	14.9	15.1	13.9	14.6	8.8	7.4	8.2
18	18.5	17.3	17.8	15.5	14.6	15.1	15.2	14.4	14.8	9.4	8.4	8.9
19	17.8	16.7	17.3	16.0	15.0	15.5	14.4	13.3	13.8	10.1	9.1	9.6
20	18.9	17.2	18.0	15.7	15.0	15.4	13.4	12.2	12.9	10.3	9.2	9.8
21	19.3	18.0	18.6	15.0	13.7	14.4	12.2	10.8	11.4	9.8	8.9	9.2
22	20.7	19.3	20.1	13.7	12.6	13.2	10.8	9.6	10.1	9.1	8.1	8.7
23	21.6	20.0	20.8	13.3	12.5	12.9	10.5	9.3	9.9	9.1	8.6	8.8
24	22.4	20.8	21.7	15.1	13.3	14.2	11.3	10.4	10.8	10.2	8.9	9.6
25	22.8	21.7	22.3	17.0	15.0	16.1	10.5	9.7	10.0	10.4	9.8	10.1
26	21.7	19.3	20.5	18.2	16.8	17.4	9.9	9.0	9.4	9.8	9.0	9.3
27	19.3	17.1	18.0	18.6	17.4	18.0	9.0	8.0	8.4	9.4	9.1	9.2
28	17.1	15.2	15.9	18.5	17.5	18.1	8.2	7.3	7.8	10.3	9.4	9.8
29	15.3	14.2	14.8	18.2	17.4	17.9	9.0	7.7	8.3	10.9	9.8	10.3
30	15.4	14.0	14.8	18.0	17.5	17.8	9.1	8.3	8.7	12.5	10.7	11.4
31	16.0	14.6	15.3	---	---	---	8.7	8.1	8.4	14.1	12.5	13.3
MONTH	23.1	14.0	19.7	19.8	12.5	15.8	18.5	7.3	13.0	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	15.7	13.9	14.8	9.8	8.7	9.3	18.2	16.7	17.4	22.4	21.2	21.8
2	15.2	13.7	14.5	10.1	9.0	9.3	18.4	16.8	17.6	23.2	21.1	22.2
3	13.7	11.9	12.7	11.1	10.1	10.8	19.5	17.4	18.3	24.1	23.0	23.5
4	11.9	9.8	11.0	11.0	10.1	10.7	18.7	16.9	17.9	23.8	21.9	22.9
5	9.8	8.6	9.1	10.4	9.2	9.8	17.0	16.0	16.4	22.2	20.7	21.4
6	8.6	7.9	8.4	10.7	8.7	9.8	17.5	15.8	16.5	22.5	20.2	21.4
7	9.0	8.2	8.8	12.0	9.4	10.7	17.5	15.5	16.5	23.8	21.6	22.7
8	9.2	8.2	8.8	12.6	10.3	11.6	17.7	15.8	16.9	25.6	23.0	24.3
9	10.0	8.6	9.3	13.9	11.5	12.6	18.3	16.7	17.6	26.8	24.5	25.6
10	11.1	9.5	10.3	14.9	13.8	14.2	18.8	17.5	18.2	27.5	25.5	26.5
11	11.6	10.3	10.9	14.4	13.1	13.8	19.8	18.0	18.9	26.7	25.5	25.9
12	10.9	9.9	10.4	13.5	12.0	12.5	19.7	18.9	19.4	26.1	24.6	25.3
13	10.3	9.5	10.0	13.1	11.8	12.4	19.6	18.7	19.3	26.4	24.8	25.6
14	10.4	9.4	9.8	14.3	11.8	13.0	19.6	18.4	19.1	25.7	24.2	25.0
15	10.4	9.2	9.8	16.6	14.1	15.2	21.1	19.1	20.1	25.0	23.2	24.2
16	11.2	9.7	10.5	18.3	16.1	17.2	22.2	20.1	21.1	24.6	22.8	23.8
17	11.0	10.1	10.6	18.2	16.2	17.2	22.6	20.9	21.8	25.3	23.5	24.4
18	10.9	9.8	10.4	16.2	14.6	15.5	22.0	20.6	21.3	24.8	23.2	24.3
19	10.6	9.5	10.2	14.6	14.2	14.3	22.6	21.0	21.8	23.2	21.0	22.1
20	11.6	10.1	10.7	15.2	14.0	14.6	23.3	21.3	22.4	21.4	19.9	20.7
21	12.8	11.6	12.2	14.9	13.5	14.6	24.0	21.9	23.0	21.1	19.5	20.4
22	13.5	12.1	12.8	13.5	12.8	13.1	23.8	22.5	23.3	21.7	20.1	20.9
23	13.2	11.9	12.4	13.5	12.4	12.9	23.0	21.3	22.2	22.6	20.3	21.5
24	12.3	10.8	11.6	14.0	12.6	13.6	22.3	20.7	21.6	23.6	21.0	22.4
25	11.9	10.2	11.2	15.2	13.8	14.4	22.7	20.9	21.9	25.0	22.4	23.8
26	12.6	10.9	11.7	16.5	14.5	15.4	22.3	20.6	21.5	26.2	23.8	25.0
27	12.2	10.8	11.5	17.2	15.3	16.1	21.8	20.5	21.2	26.9	24.5	25.7
28	10.8	9.5	10.2	16.2	15.2	15.7	22.3	20.6	21.5	27.3	25.2	26.2
29	---	---	---	16.5	14.4	15.5	23.7	21.6	22.7	26.5	25.5	26.0
30	---	---	---	16.6	15.4	16.0	23.2	21.9	22.4	25.9	25.1	25.4
31	---	---	---	17.8	16.1	16.9	---	---	---	---	---	---
MONTH	15.7	7.9	10.9	18.3	8.7	13.5	24.0	15.5	20.0	---	---	---

SANTEE RIVER BASIN

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	---	---	---	29.6	27.9	28.8	---	---	---	25.1	24.6	24.9
2	---	---	---	30.1	28.4	29.3	---	---	---	25.5	24.6	25.0
3	---	---	---	30.3	28.5	29.5	31.1	29.5	30.4	27.3	24.9	26.1
4	---	---	---	30.4	28.7	29.6	30.5	29.3	30.0	28.8	26.4	27.7
5	---	---	---	31.1	29.2	30.2	31.1	29.2	30.1	29.8	27.8	28.8
6	---	---	---	31.3	29.6	30.5	30.7	29.6	30.2	29.7	28.1	29.0
7	---	---	---	31.0	29.6	30.3	30.4	29.2	29.8	29.1	27.5	28.4
8	---	---	---	30.3	28.9	29.6	29.3	27.8	28.6	28.1	26.7	27.5
9	---	---	---	30.0	28.5	29.3	28.7	27.1	27.9	27.5	26.3	27.0
10	---	---	---	30.0	28.3	29.3	28.6	26.6	27.7	27.7	25.8	26.8
11	---	---	---	29.6	28.7	29.1	28.7	26.8	27.9	27.9	26.0	27.1
12	28.7	26.5	27.6	28.7	27.4	27.9	29.4	27.4	28.4	27.6	26.5	27.1
13	29.4	27.3	28.4	27.6	26.6	27.2	29.2	27.9	28.6	27.3	26.2	26.8
14	28.8	28.1	28.4	28.2	27.0	27.6	28.7	27.9	28.4	27.1	26.1	26.6
15	28.9	27.2	28.0	29.4	27.5	28.4	29.3	27.9	28.6	26.4	25.8	26.1
16	28.7	26.7	27.8	30.3	28.9	29.7	29.7	28.2	28.9	26.6	25.9	26.2
17	28.0	26.6	27.3	31.1	29.5	30.3	29.1	28.3	28.7	26.8	25.8	26.4
18	27.4	25.8	26.4	31.1	29.6	30.4	29.9	27.8	28.8	26.6	25.9	26.3
19	26.3	25.2	25.7	31.3	29.5	30.5	30.2	28.5	29.2	26.6	25.7	26.1
20	25.9	25.2	25.6	31.2	29.7	30.5	30.7	28.6	29.7	26.9	25.5	26.2
21	26.4	25.1	25.7	31.6	29.8	30.7	31.0	29.5	30.3	27.1	25.9	26.5
22	26.4	25.7	26.0	30.9	29.7	30.3	31.4	29.7	30.5	27.6	26.2	26.9
23	26.9	25.1	26.0	30.1	29.3	29.8	31.6	30.0	30.8	27.8	26.5	27.2
24	26.4	25.9	26.2	29.7	28.7	29.1	31.6	29.9	30.8	27.3	26.3	26.7
25	26.7	25.9	26.3	30.4	28.4	29.3	31.4	30.1	30.7	26.3	25.0	25.6
26	27.2	26.2	26.7	30.1	29.1	29.6	30.3	29.2	29.6	25.5	24.6	25.0
27	28.7	26.5	27.5	30.2	28.6	29.4	29.3	28.5	28.9	26.4	25.0	25.7
28	28.2	27.1	27.8	30.9	29.3	30.1	28.7	27.3	27.8	27.1	25.8	26.5
29	28.8	27.1	28.0	31.8	29.8	30.8	27.3	26.1	26.5	26.8	26.1	26.4
30	29.1	27.5	28.3	32.1	30.3	31.2	26.1	25.5	25.8	26.4	25.4	25.9
31	---	---	---	---	---	---	25.5	25.1	25.4	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	29.8	24.6	26.6

## SANTEE RIVER BASIN

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

## OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

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

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	---	---	---	6.7	5.8	6.4	---	---	---	6.4	6.1	6.3
2	---	---	---	6.8	6.0	6.3	---	---	---	6.3	6.0	6.2
3	---	---	---	6.6	6.0	6.3	6.3	5.7	5.9	6.3	5.9	6.1
4	---	---	---	6.6	5.9	6.2	6.2	5.8	6.0	5.9	5.6	5.8
5	---	---	---	6.4	5.8	6.0	6.7	5.9	6.3	5.9	5.5	5.7
6	---	---	---	6.6	5.6	6.0	6.6	6.0	6.2	5.9	5.5	5.6
7	---	---	---	6.4	5.8	6.0	6.8	6.0	6.3	6.1	5.6	5.8
8	---	---	---	6.6	5.8	6.1	6.8	6.1	6.4	6.4	5.6	6.0
9	---	---	---	6.8	5.9	6.2	6.8	6.1	6.4	6.3	5.7	6.0
10	---	---	---	6.4	5.7	6.0	6.7	6.1	6.4	6.4	5.7	6.0
11	---	---	---	6.2	5.7	5.9	6.6	6.0	6.3	6.4	5.7	6.0
12	6.7	6.2	6.4	6.3	5.8	6.0	6.4	5.8	6.1	6.3	5.6	5.9
13	7.3	6.1	6.5	6.3	6.1	6.2	6.5	5.7	6.1	6.0	5.5	5.8
14	7.0	6.1	6.5	6.7	5.9	6.2	6.5	5.8	6.1	6.0	5.5	5.7
15	7.8	6.2	6.7	6.4	5.6	5.9	6.8	6.0	6.3	5.7	5.4	5.5
16	7.1	6.2	6.6	6.2	5.5	5.9	6.8	6.0	6.4	5.9	5.5	5.7
17	6.9	6.3	6.6	6.5	5.9	6.1	6.2	5.9	6.0	6.1	5.6	5.8
18	6.7	6.2	6.4	6.7	5.8	6.2	7.1	5.9	6.2	6.0	5.5	5.8
19	6.9	6.4	6.6	6.7	5.8	6.2	7.2	5.9	6.3	6.3	5.8	6.1
20	6.9	6.6	6.7	6.8	5.7	6.1	6.6	5.8	6.1	6.4	6.0	6.3
21	6.8	6.3	6.7	6.3	5.8	6.1	6.4	5.7	6.0	6.3	6.2	6.2
22	6.4	6.1	6.2	6.2	5.7	5.9	6.6	5.5	6.0	6.2	5.9	6.1
23	6.8	6.2	6.5	6.4	5.6	6.0	6.4	5.6	5.9	6.3	5.9	6.1
24	6.6	6.2	6.4	6.2	5.7	5.9	6.2	5.6	5.8	6.4	6.0	6.2
25	6.7	6.2	6.4	6.4	5.7	6.0	6.0	5.5	5.7	6.5	6.1	6.3
26	6.8	6.3	6.4	6.1	5.4	5.7	6.0	5.6	5.8	6.6	6.1	6.4
27	6.6	6.0	6.2	6.0	5.3	5.7	5.9	5.6	5.7	6.4	5.9	6.1
28	6.8	6.0	6.3	6.1	5.2	5.6	6.2	5.6	6.0	6.4	5.8	6.1
29	6.5	6.0	6.2	6.2	5.2	5.5	6.3	6.0	6.2	6.2	5.8	6.0
30	6.6	5.9	6.2	5.9	5.0	5.4	6.3	6.1	6.2	6.6	6.0	6.3
31	---	---	---	---	---	---	6.3	6.1	6.2	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	6.6	5.4	6.0



## 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 mi<sup>2</sup>, 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, 102.45 ft Jan. 9, 1998; minimum elevation since normal reservoir levels were first reached, 90.42 ft, Oct. 18, 1999.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 100.63 ft, Jan. 24; minimum elevation, 91.38 ft, Sep. 24.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY OBSERVATION AT 2400 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	98.85	99.48	98.61	99.28	98.53	99.95	99.72	99.54	100.07	98.82	98.44	98.20
2	99.75	99.94	98.34	98.92	99.56	99.57	99.96	99.27	99.05	98.81	98.14	98.33
3	99.46	100.03	96.18	100.04	99.87	100.16	100.04	99.35	98.51	98.81	97.72	98.29
4	99.49	99.72	97.24	99.69	100.03	100.03	99.83	98.37	100.04	99.56	97.18	95.78
5	99.89	99.55	100.01	100.08	100.03	99.39	99.44	99.34	98.28	99.22	96.81	96.84
6	99.83	100.08	100.12	99.94	99.98	100.18	99.79	98.26	98.14	98.99	96.85	96.97
7	99.13	99.93	99.97	99.77	100.14	100.04	99.62	99.61	99.95	98.94	96.92	97.02
8	98.95	99.96	100.00	99.45	99.26	99.66	99.61	99.83	99.85	98.51	96.67	96.95
9	99.01	100.02	99.61	99.43	99.71	99.97	99.49	98.55	98.93	98.30	95.77	96.47
10	99.98	99.56	99.99	99.56	99.00	99.57	100.00	98.17	98.40	98.03	95.30	96.40
11	99.86	99.48	99.41	99.70	99.67	99.67	99.98	99.59	98.71	98.09	95.03	96.03
12	99.34	99.39	99.35	99.93	98.79	100.12	99.61	97.58	98.69	98.27	95.37	95.66
13	99.84	99.49	99.84	99.35	99.42	99.37	99.51	97.62	98.84	98.79	95.50	95.29
14	99.82	99.22	99.81	98.90	99.20	99.63	99.93	99.73	98.47	98.41	95.73	95.48
15	100.13	99.60	99.73	99.36	99.04	99.88	99.99	98.53	98.98	98.69	96.29	97.78
16	99.99	100.03	98.96	99.44	99.72	99.89	100.02	98.59	99.44	99.10	97.09	98.90
17	99.95	99.87	99.42	99.39	99.40	100.21	99.93	98.54	98.61	99.31	98.09	98.80
18	99.44	98.74	100.11	99.53	99.16	100.11	99.65	98.07	98.83	98.84	98.72	97.63
19	99.93	98.22	100.12	99.67	99.90	99.93	99.72	97.79	99.00	98.46	99.57	98.03
20	100.05	98.40	99.77	99.38	99.70	99.60	99.56	94.54	98.96	98.21	99.23	97.90
21	99.50	98.52	100.00	100.14	99.99	99.95	99.28	97.82	98.92	98.18	99.13	98.34
22	98.98	99.31	99.98	99.65	99.75	99.83	99.21	99.26	98.91	98.02	99.19	97.65
23	99.07	98.99	99.62	100.44	98.76	99.82	99.40	99.26	98.87	97.96	98.53	97.34
24	99.83	99.65	99.89	100.09	99.48	100.07	98.12	99.55	98.79	98.01	97.92	95.69
25	100.04	98.92	99.97	100.21	99.91	100.08	99.03	99.87	98.69	98.61	97.50	98.67
26	99.58	97.37	99.40	99.61	99.87	99.78	99.80	99.05	98.54	98.75	98.23	99.90
27	99.73	98.49	99.91	100.25	99.63	99.88	97.78	98.70	98.86	99.14	98.49	99.95
28	99.18	98.10	99.86	99.40	99.55	99.91	98.15	99.36	99.63	99.20	98.32	99.75
29	98.76	97.48	99.72	99.56	---	99.49	98.07	99.84	99.85	98.96	97.84	99.03
30	98.71	99.25	98.95	99.84	---	99.35	98.67	99.47	98.84	98.76	97.89	98.83
31	98.93	---	99.27	99.41	---	99.78	---	99.87	---	98.79	98.19	---
MEAN	99.52	99.23	99.46	99.66	99.54	99.83	99.43	98.80	98.99	98.66	97.47	97.60
MAX	100.13	100.08	100.12	100.44	100.14	100.21	100.04	99.87	100.07	99.56	99.57	99.95
MIN	98.71	97.37	96.18	98.90	98.53	99.35	97.78	94.54	98.14	97.96	95.03	95.29

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.

Broad River near Blacksburg, SC (d)

DRAINAGE AREA.--1,290 mi<sup>2</sup>.

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 good except for estimated daily discharges and those below 250 ft<sup>3</sup>/s, which are poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	501	388	644	668	1210	825	1250	712	740	338	267	182
2	430	462	605	598	1130	1110	1350	998	664	345	246	182
3	475	585	895	514	841	1220	1280	914	487	331	235	186
4	423	514	e288	805	771	1280	1180	1560	260	402	209	e294
5	426	418	e234	757	813	1500	1260	949	786	435	185	103
6	571	433	708	785	1020	1250	1100	968	749	410	167	124
7	516	631	767	898	1380	1150	881	921	636	378	166	126
8	363	517	623	1130	2190	1190	854	1130	933	328	167	122
9	338	603	568	929	1730	1100	1170	1130	775	295	132	144
10	418	526	461	851	1340	900	1110	1020	610	272	96	146
11	586	429	1400	e952	1040	722	1240	774	446	257	64	125
12	536	412	1070	e932	1300	847	1280	923	476	255	41	110
13	454	412	914	806	1210	2270	1540	676	396	279	82	99
14	556	422	999	676	1250	1990	980	914	475	315	89	98
15	800	404	919	581	1100	1710	937	1310	301	275	128	140
16	821	464	789	644	1060	1560	1240	956	340	337	184	624
17	697	665	547	732	936	1280	1140	954	458	377	183	874
18	685	660	1090	723	803	1680	1200	885	273	370	212	645
19	566	483	1440	1040	905	2110	1360	633	286	304	237	439
20	692	405	1260	1570	910	1640	1250	720	294	274	362	486
21	600	425	989	1250	1010	1630	857	406	287	263	238	492
22	471	486	1040	1640	1000	1660	781	531	280	255	227	568
23	393	537	791	2390	1040	1550	892	698	284	245	211	442
24	469	861	625	3300	646	1040	1070	632	277	242	185	e330
25	663	1080	784	3130	700	1060	868	695	277	255	165	e195
26	703	1020	722	2790	891	1290	1350	634	273	275	154	770
27	538	634	711	1560	913	1360	1250	493	273	292	182	1730
28	530	876	965	1450	764	1320	679	400	313	307	187	2440
29	499	671	1170	1650	---	1410	640	600	615	294	249	1740
30	398	576	800	1360	---	1520	585	686	685	282	171	1130
31	352	---	484	1340	---	1080	---	607	---	272	175	---
TOTAL	16470	16999	25302	38451	29903	42254	32574	25429	13949	9559	5596	15086
MEAN	531	567	816	1240	1068	1363	1086	820	465	308	181	503
MAX	821	1080	1440	3300	2190	2270	1540	1560	933	435	362	2440
MIN	338	388	234	514	646	722	585	400	260	242	41	98
CFSM	0.41	0.44	0.63	0.96	0.83	1.06	0.84	0.64	0.36	0.24	0.14	0.39
IN.	0.47	0.49	0.73	1.11	0.86	1.22	0.94	0.73	0.40	0.28	0.16	0.44

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2002, BY WATER YEAR (WY)

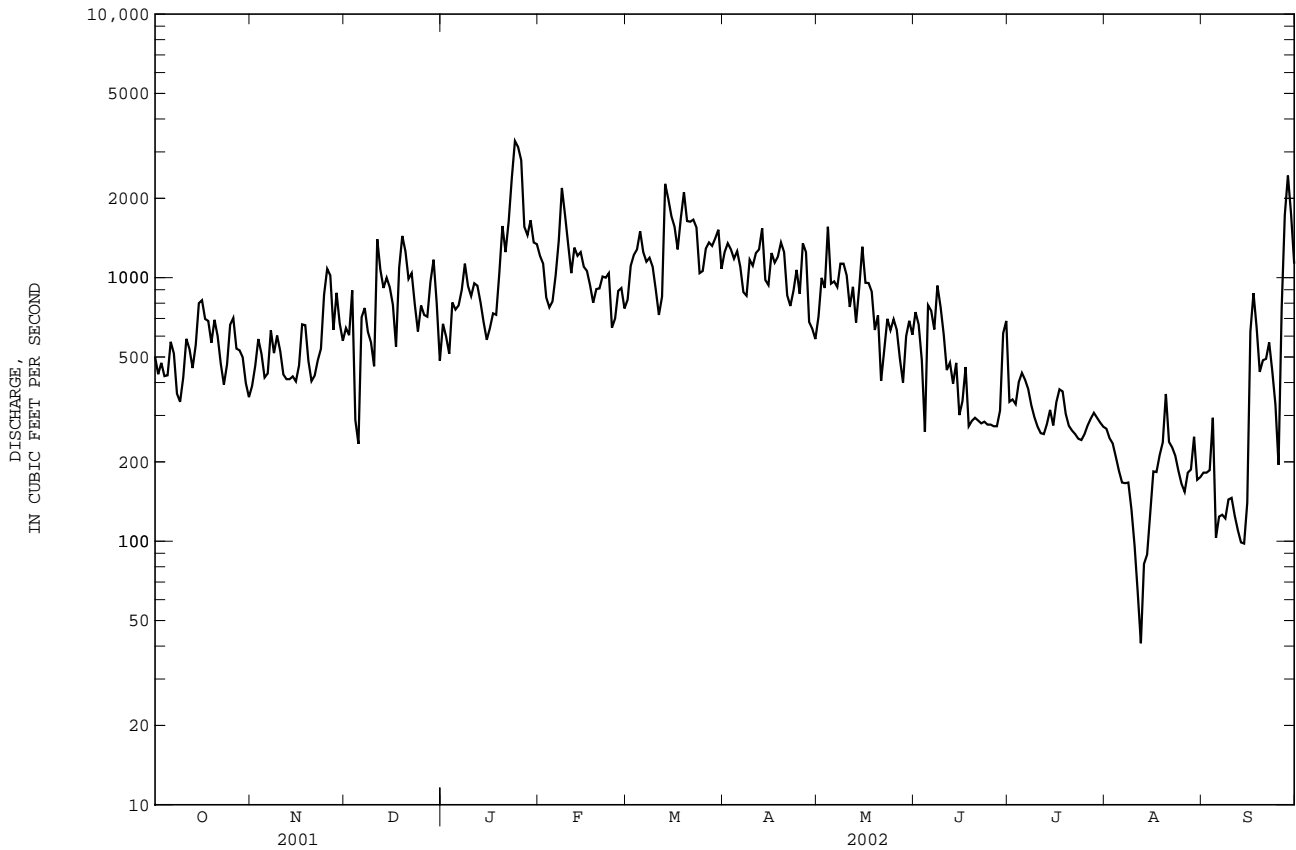
	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002
MEAN	954	999	1245	2000	2123	2092	1981	1438	989	845	609	650			
MAX	1439	1402	1793	4250	4675	4099	3347	2647	1771	1233	1174	857			
(WY)	1998	1998	1998	1998	1998	1998	1998	1998	1998	1998	1998	1998			
MIN	531	567	816	930	973	960	1086	817	465	308	181	503			
(WY)	2002	2002	2002	2001	2001	2001	2002	2001	2002	2002	2002	2002			

SANTEE RIVER BASIN

02153200 BROAD RIVER NEAR BLACKSBURG, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1998 - 2002	
ANNUAL TOTAL	307380		271572		1323	
ANNUAL MEAN	842		744		2378	
HIGHEST ANNUAL MEAN					744	
LOWEST ANNUAL MEAN					17100	
HIGHEST DAILY MEAN	2990	Mar 30	3300	Jan 24	17100	Mar 9 1998
LOWEST DAILY MEAN	69	Sep 13	41	Aug 12	41	Aug 12 2002
ANNUAL SEVEN-DAY MINIMUM	329	Sep 12	90	Aug 9	90	Aug 9 2002
MAXIMUM PEAK FLOW			3880		20200	
MAXIMUM PEAK STAGE			5.27		13.72	
ANNUAL RUNOFF (CFSM)	0.65		0.58		1.03	
ANNUAL RUNOFF (INCHES)	8.86		7.83		13.93	
10 PERCENT EXCEEDS	1440		1350		2440	
50 PERCENT EXCEEDS	734		660		1040	
90 PERCENT EXCEEDS	405		210		397	

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 mi<sup>2</sup>.

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, 103.55 ft Mar. 21, 2000; minimum elevation, 96.91 ft, May 14, 2001.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 100.61 ft, Dec. 11; minimum elevation, 97.87 ft, Jan. 23.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY OBSERVATION AT 2400 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	99.43	99.44	99.42	100.04	99.61	99.71	99.94	99.83	99.75	99.03	99.34	97.77
2	99.34	99.41	99.44	99.24	100.04	100.07	99.90	99.83	98.93	99.13	99.05	96.88
3	99.33	99.97	99.74	99.33	99.07	100.21	99.80	99.80	99.21	99.92	99.72	97.49
4	98.99	99.47	99.64	99.82	99.50	99.52	99.62	99.79	99.47	99.81	99.15	99.72
5	99.65	99.04	98.53	99.70	99.60	99.74	100.01	99.76	99.39	99.36	99.22	98.74
6	99.60	99.48	99.98	99.54	99.53	99.84	99.98	99.69	99.37	99.10	99.44	98.05
7	99.17	99.70	99.70	99.70	99.47	100.03	99.85	99.64	99.60	99.21	99.47	97.39
8	99.08	99.70	99.34	100.08	100.07	99.89	99.51	99.54	99.74	98.93	99.34	96.57
9	99.26	100.00	98.97	98.91	99.47	100.18	99.73	99.43	99.96	99.03	99.27	95.96
10	98.65	99.79	98.69	99.27	100.00	99.94	100.00	99.95	99.42	99.69	98.94	92.87
11	98.90	99.60	99.66	99.46	99.25	99.84	99.78	99.69	99.35	99.60	98.60	92.11
12	99.33	99.44	99.64	99.41	99.93	99.62	99.41	99.73	99.46	99.87	98.10	92.42
13	99.76	99.58	99.38	98.84	99.80	100.13	100.19	99.30	99.21	99.69	97.60	90.00
14	99.06	99.49	99.78	99.60	99.79	99.78	99.49	100.06	99.29	99.75	97.08	94.11
15	99.19	99.14	99.94	99.29	99.17	99.88	99.77	99.56	98.95	99.31	96.81	98.18
16	99.43	99.02	99.74	99.26	99.67	99.53	99.39	99.95	98.95	99.11	99.40	99.82
17	99.63	99.26	99.53	99.75	99.03	99.76	99.99	100.03	99.44	99.57	99.73	99.25
18	99.80	99.58	99.91	99.80	99.68	99.89	99.46	99.88	99.00	99.55	99.64	98.93
19	99.17	99.41	99.96	99.89	99.28	99.90	99.58	99.60	99.04	99.45	99.95	98.62
20	99.68	99.46	99.12	99.27	99.62	99.57	99.83	99.34	99.09	99.44	99.92	99.14
21	99.54	99.22	99.51	99.13	100.09	99.92	99.83	99.71	99.13	99.41	99.59	99.24
22	99.48	99.34	99.51	99.24	99.62	99.69	99.78	99.96	99.20	99.38	99.35	99.46
23	99.53	99.67	99.06	100.58	99.91	99.90	100.09	99.74	99.28	99.48	99.63	99.00
24	99.76	100.14	99.28	100.12	99.18	99.61	99.43	99.75	98.91	99.44	99.56	99.26
25	99.65	98.94	99.39	100.34	99.39	99.61	99.82	99.99	99.44	99.76	99.51	98.97
26	99.52	99.34	99.24	99.96	99.94	99.78	100.06	99.69	99.31	99.53	99.37	99.35
27	99.21	99.40	99.87	99.33	99.43	99.59	99.95	99.66	99.00	99.76	98.98	99.15
28	99.14	99.59	100.00	99.37	99.47	99.81	99.47	99.76	98.84	99.48	98.74	99.32
29	99.58	99.77	100.10	99.78	---	99.65	99.53	99.99	99.93	99.80	98.40	99.27
30	99.55	99.40	99.23	99.30	---	99.66	99.47	100.05	99.57	99.38	98.25	98.89
31	99.35	---	99.51	99.69	---	99.99	---	99.71	---	99.57	98.01	---
MEAN	99.38	99.49	99.51	99.58	99.59	99.81	99.76	99.76	99.31	99.47	99.01	97.53
MAX	99.80	100.14	100.10	100.58	100.09	100.21	100.19	100.06	99.96	99.92	99.95	99.82
MIN	98.65	98.94	98.53	98.84	99.03	99.52	99.39	99.30	98.84	98.93	96.81	90.00

## 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 mi<sup>2</sup>.

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 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	533	471	722	586	1250	669	1340	695	703	541	372	257
2	477	520	686	815	1080	1100	1400	903	738	411	300	250
3	491	539	728	572	1220	1350	1360	1020	519	281	217	238
4	504	673	822	623	768	1560	1290	1500	408	501	338	255
5	433	572	338	639	863	1160	1190	1280	775	560	211	274
6	451	416	575	937	982	1220	1150	1020	865	518	207	240
7	677	626	867	880	1460	1180	969	911	634	427	209	230
8	443	580	796	825	2410	1200	940	1140	909	466	207	225
9	526	533	573	1070	2060	1100	1090	1170	788	353	207	218
10	486	665	660	804	1440	987	1160	906	771	241	202	208
11	496	519	1030	e895	1350	703	1260	830	509	369	195	175
12	615	514	1150	e812	1120	1000	1190	925	618	249	189	150
13	471	471	926	981	1330	2930	1430	712	540	378	183	143
14	725	503	929	608	1330	2610	1220	884	558	419	181	138
15	759	560	885	663	1290	1910	822	1350	495	437	180	155
16	793	522	832	689	979	1750	1260	882	436	390	202	207
17	683	518	669	678	1210	1520	1020	886	526	368	231	937
18	667	580	1010	749	739	1710	1350	888	433	323	246	624
19	711	619	1410	998	974	2380	1270	764	418	379	242	349
20	600	536	1350	1870	929	1790	1150	787	418	346	253	404
21	677	563	946	1450	960	1770	931	402	420	328	420	377
22	563	513	1020	1620	1110	1860	859	523	422	341	211	492
23	452	567	969	2520	966	1600	811	721	423	380	297	541
24	457	777	634	3950	901	1260	1030	649	436	334	222	607
25	704	1410	787	3760	741	1110	977	631	344	261	220	289
26	749	952	790	3380	726	1270	1130	702	455	353	236	570
27	625	711	549	2030	1080	1440	1380	527	466	339	267	1530
28	594	870	859	1530	623	1310	814	401	466	404	276	2320
29	478	800	984	1580	---	1460	667	575	493	301	267	1740
30	502	801	1080	1520	---	1490	662	649	803	374	263	999
31	465	---	562	1370	---	1270	---	651	---	316	260	---
TOTAL	17807	18901	26138	41404	31891	45669	33122	25884	16789	11688	7511	15142
MEAN	574	630	843	1336	1139	1473	1104	835	560	377	242	505
MAX	793	1410	1410	3950	2410	2930	1430	1500	909	560	420	2320
MIN	433	416	338	572	623	669	662	401	344	241	180	138
CFSM	0.37	0.41	0.54	0.86	0.73	0.95	0.71	0.54	0.36	0.24	0.16	0.33
IN.	0.43	0.45	0.63	0.99	0.77	1.10	0.79	0.62	0.40	0.28	0.18	0.36

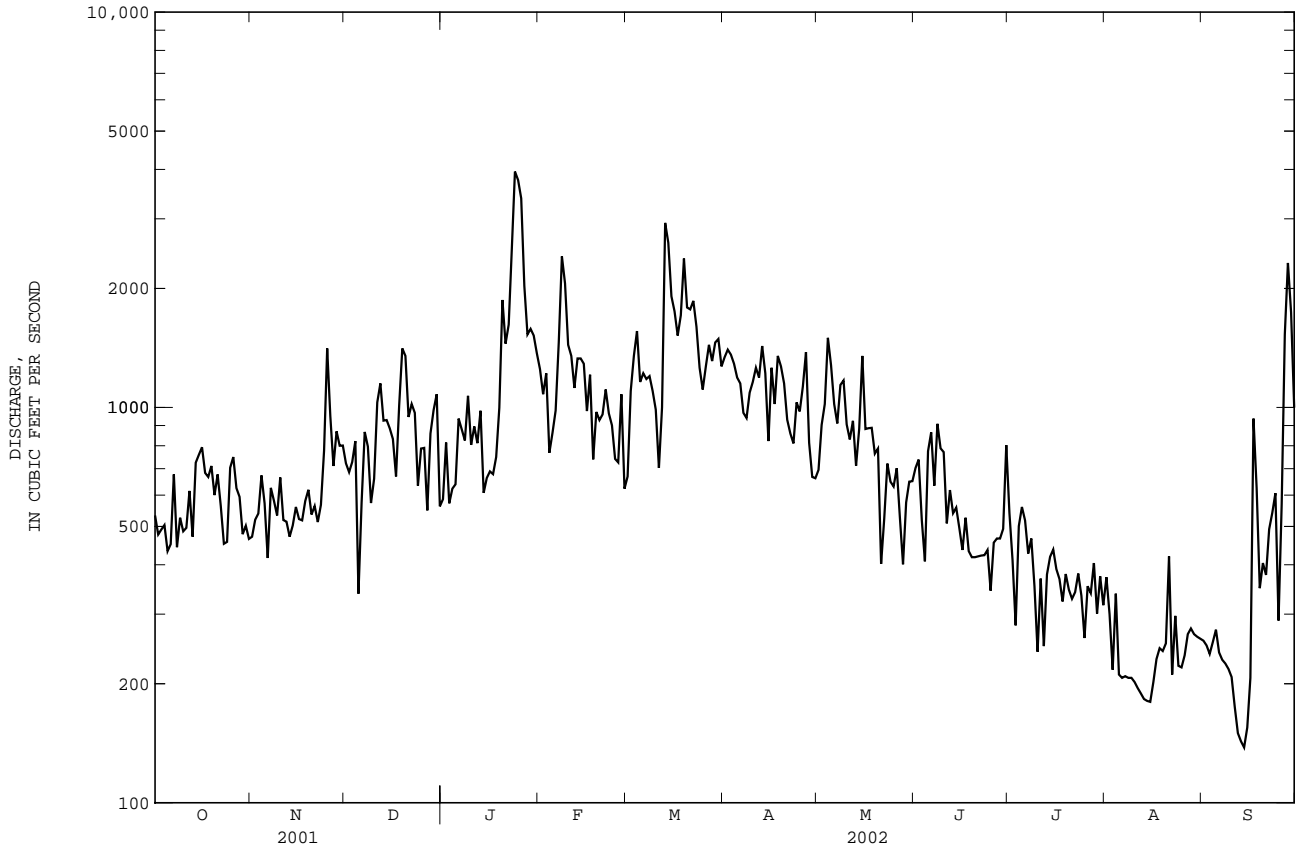
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2002, BY WATER YEAR (WY)

	1999	2000	2001	2002
MEAN	723	998	1081	1460
MAX	925	1137	1338	2021
(WY)	2000	2000	2000	1999
MIN	574	630	843	865
(WY)	2002	2002	2002	2001

02153551 BROAD RIVER BELOW CHEROKEE FALLS, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1999 - 2002	
ANNUAL TOTAL	331723		291946		998	
ANNUAL MEAN	909		800		1231	
HIGHEST ANNUAL MEAN					2000	
LOWEST ANNUAL MEAN					800	
HIGHEST DAILY MEAN	5000	Mar 30	3950	Jan 24	8310	Mar 21 2000
LOWEST DAILY MEAN	224	Sep 14	138	Sep 14	138	Sep 14 2002
ANNUAL SEVEN-DAY MINIMUM	387	Aug 22	168	Sep 10	168	Sep 10 2002
MAXIMUM PEAK FLOW			4490		Unknown	
MAXIMUM PEAK STAGE			30.01		32.91	
ANNUAL RUNOFF (CFSM)	0.59		0.52		0.64	
ANNUAL RUNOFF (INCHES)	7.96		7.01		8.75	
10 PERCENT EXCEEDS	1450		1410		1730	
50 PERCENT EXCEEDS	764		677		844	
90 PERCENT EXCEEDS	482		254		402	

e Estimated

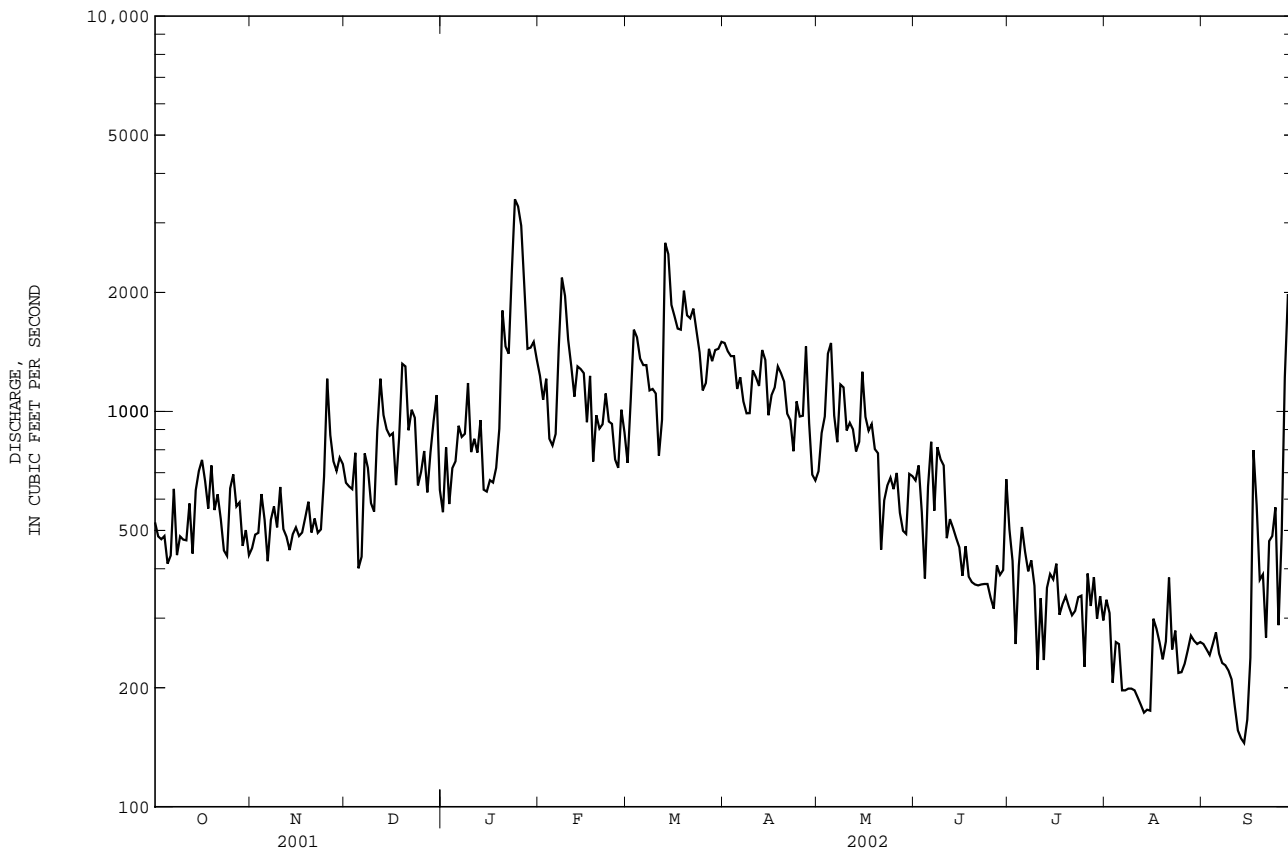




02153680 BROAD RIVER NEAR HICKORY GROVE, SC--Continued

SUMMARY STATISTICS	FOR 2002 WATER YEAR		WATER YEARS 2001 - 2002	
ANNUAL TOTAL	283911			
ANNUAL MEAN	778		778	
HIGHEST ANNUAL MEAN			778	2002
LOWEST ANNUAL MEAN			778	2002
HIGHEST DAILY MEAN	3440	Jan 24	3440	Jan 24 2002
LOWEST DAILY MEAN	e 145	Sep 14	e 145	Sep 14 2002
ANNUAL SEVEN-DAY MINIMUM	175	Sep 9	175	Sep 9 2002
MAXIMUM PEAK FLOW	3630	Jan 24	3630	Jan 24 2002
MAXIMUM PEAK STAGE	7.90	Jan 24	7.90	Jan 24 2002
ANNUAL RUNOFF (CFSM)	0.47		0.47	
ANNUAL RUNOFF (INCHES)	6.40		6.41	
10 PERCENT EXCEEDS	1430		1430	
50 PERCENT EXCEEDS	666		666	
90 PERCENT EXCEEDS	258		258	

e Estimated





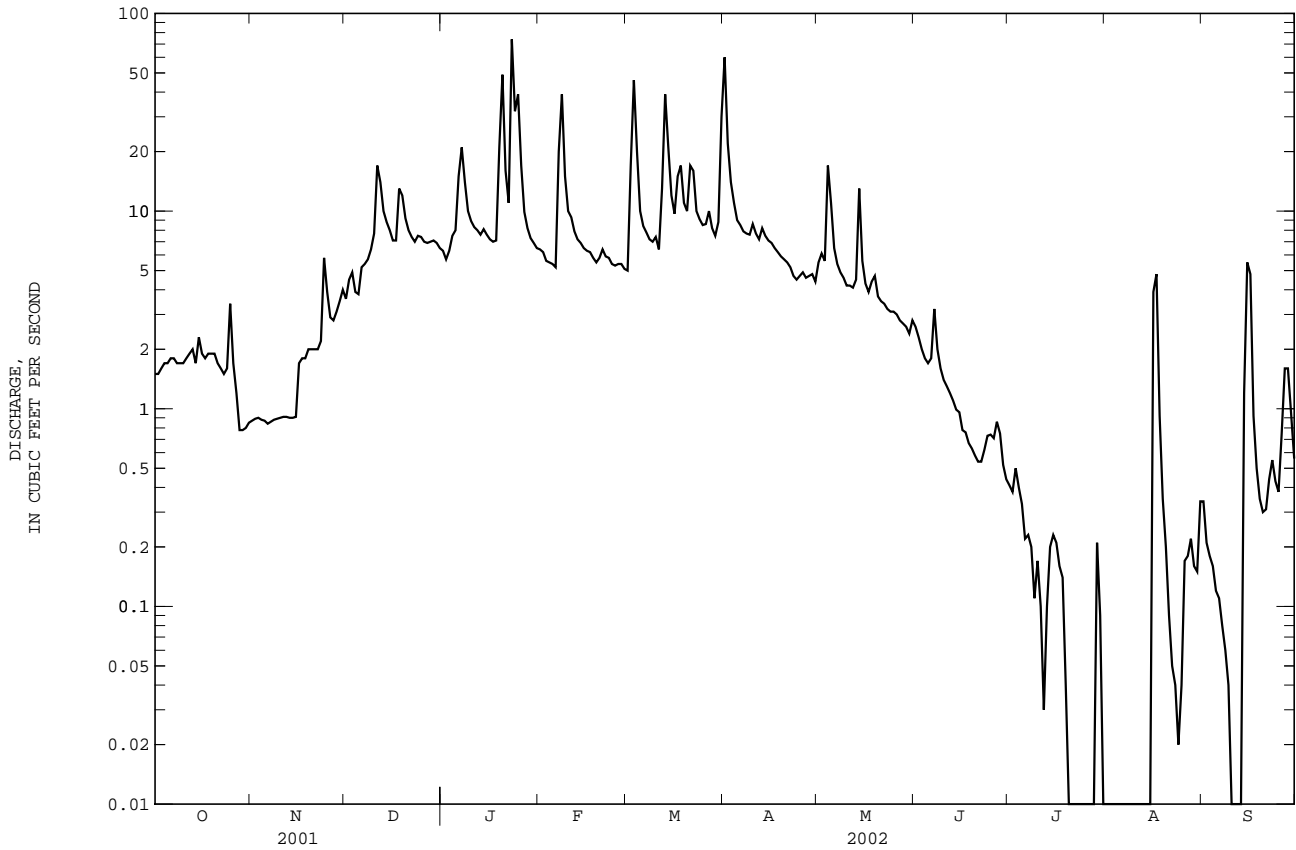


02153780 CLARKS FORK CREEK NEAR SMYRNA, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1981 - 2002	
ANNUAL TOTAL	2690.82		1961.29		20.0	
ANNUAL MEAN	7.37		5.37		37.5	
HIGHEST ANNUAL MEAN					1993	
LOWEST ANNUAL MEAN					5.37	
HIGHEST DAILY MEAN	183	Mar 29	74	Jan 23	1000	Aug 17 1985
LOWEST DAILY MEAN	0.78	Oct 28	0.00	a Jul 20	0.00	a Jul 20 2002
ANNUAL SEVEN-DAY MINIMUM	0.84	Oct 28	0.00	Jul 20	0.00	Jul 20 2002
MAXIMUM PEAK FLOW			153	Jan 23	2100	Aug 27 1995
MAXIMUM PEAK STAGE			5.01	Jan 23	13.77	Aug 27 1995
ANNUAL RUNOFF (CFSM)	0.31		0.22		0.83	
ANNUAL RUNOFF (INCHES)	4.15		3.03		11.25	
10 PERCENT EXCEEDS	13		11		34	
50 PERCENT EXCEEDS	4.5		3.2		11	
90 PERCENT EXCEEDS	1.2		0.06		2.8	

a Also occurred many days in July and September, 2002.

e Estimated





02153800 BULLOCK CREEK NEAR SHARON, SC--Continued

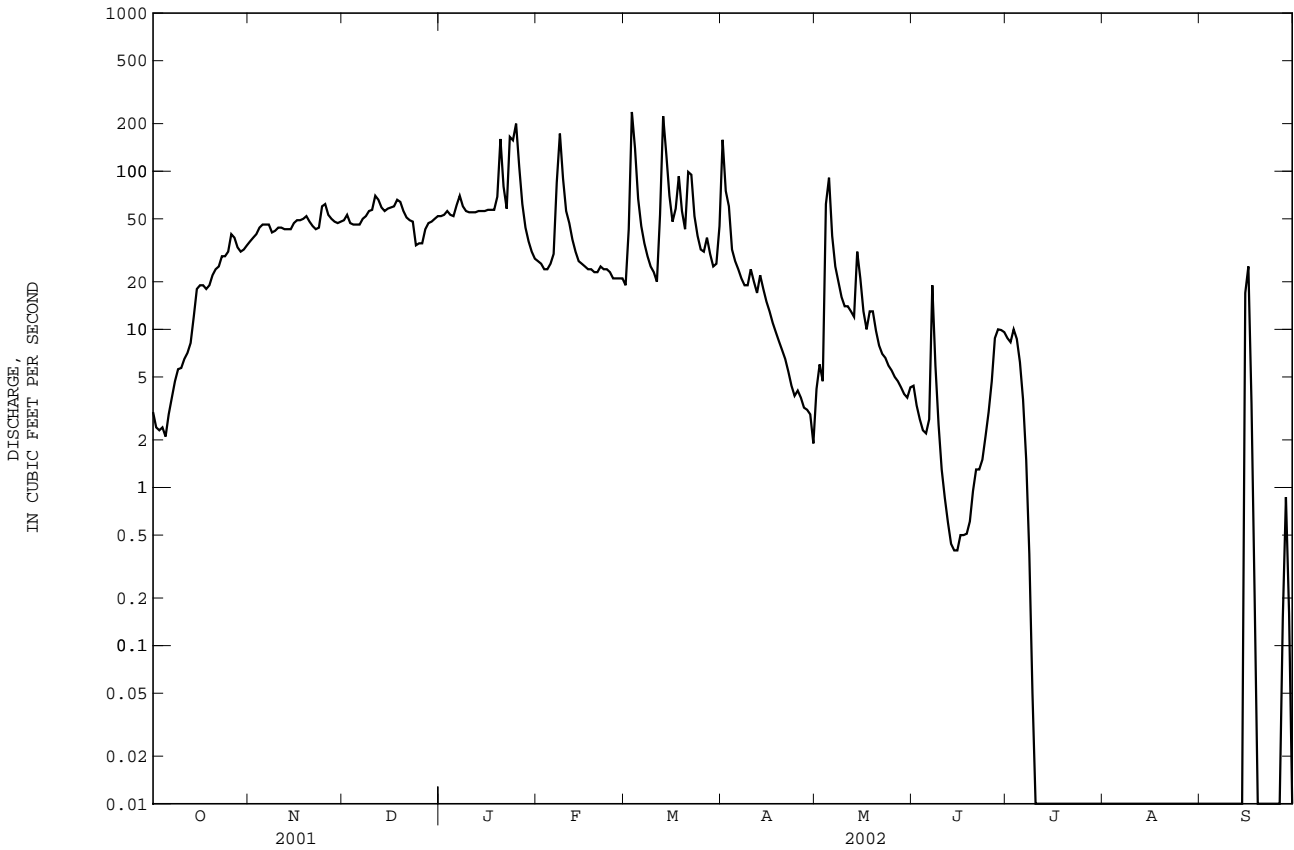
SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR	FOR 2002 WATER YEAR	WATER YEARS 2001 - 2002	
ANNUAL MEAN	33.2	27.6	27.6	
HIGHEST ANNUAL MEAN			27.6	2002
LOWEST ANNUAL MEAN			27.6	2002
HIGHEST DAILY MEAN	1090 Mar 30		1090 Mar 30 2001	
LOWEST DAILY MEAN	0.00 a Aug 24	e 0.00 b Jul 10	e 0.00 c Aug 24 2001	
ANNUAL SEVEN-DAY MINIMUM	0.00 Aug 24	0.00 Jul 10	0.00 Aug 24 2001	
MAXIMUM PEAK FLOW		298 Jan 23	9840 Oct 12 1990	
MAXIMUM PEAK STAGE		8.43 Jan 23	17.36 Oct 12 1990	
ANNUAL RUNOFF (AC-FT)	24060	19970	19980	
ANNUAL RUNOFF (CFSM)	0.40	0.33	0.33	
10 PERCENT EXCEEDS	56	59	59	
50 PERCENT EXCEEDS	20	19	19	
90 PERCENT EXCEEDS	3.0	0.00	0.00	

a Also occurred on many days during August and September.

b Also occurred on many days during July to September.

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 mi<sup>2</sup> .

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 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	85	62	104	84	131	90	140	102	81	45	24	39
2	77	64	85	e84	123	109	126	112	70	41	27	41
3	73	63	79	e84	115	248	119	95	67	43	27	35
4	71	65	75	e84	111	150	113	177	66	43	25	36
5	72	65	74	e85	104	123	108	178	88	45	23	33
6	71	61	72	e110	105	115	106	124	94	40	e23	30
7	70	60	72	e150	201	109	103	107	86	36	e22	26
8	65	61	72	111	210	106	103	99	71	34	e20	26
9	64	61	71	102	162	105	106	94	66	33	e19	23
10	64	63	81	98	143	106	146	113	65	33	e18	21
11	64	61	201	95	134	103	125	100	59	33	e17	21
12	65	60	129	93	125	111	117	93	57	39	e16	20
13	68	59	107	92	119	178	152	93	55	37	e15	20
14	103	60	106	89	114	168	147	112	51	41	e14	44
15	134	60	101	89	111	139	134	94	50	38	e26	178
16	83	63	93	87	109	129	128	89	49	38	69	200
17	71	60	95	86	107	142	117	86	48	35	58	93
18	67	60	278	86	102	172	111	87	46	31	44	65
19	66	61	164	109	101	141	106	85	45	29	41	57
20	66	61	128	290	103	135	103	80	44	27	40	52
21	66	59	110	188	111	162	102	79	43	27	36	52
22	65	59	103	179	103	154	99	79	42	27	34	60
23	64	62	99	344	101	135	95	77	42	26	31	65
24	63	181	112	316	97	129	93	76	43	27	28	56
25	80	128	102	353	96	123	97	76	42	60	27	54
26	71	94	96	249	95	122	95	73	42	47	29	113
27	63	83	91	194	94	135	92	71	54	41	32	249
28	60	79	90	166	90	117	92	84	60	37	34	185
29	61	76	89	149	---	113	91	75	57	32	34	109
30	62	80	87	140	---	133	85	71	58	28	34	87
31	62	---	84	132	---	150	---	71	---	25	35	---
TOTAL	2216	2131	3250	4518	3317	4152	3351	2952	1741	1118	922	2090
MEAN	71.5	71.0	105	146	118	134	112	95.2	58.0	36.1	29.7	69.7
MAX	134	181	278	353	210	248	152	178	94	60	69	249
MIN	60	59	71	84	90	90	85	71	42	25	14	20
CFSM	0.62	0.61	0.90	1.26	1.02	1.15	0.96	0.82	0.50	0.31	0.26	0.60
IN.	0.71	0.68	1.04	1.45	1.06	1.33	1.07	0.95	0.56	0.36	0.30	0.67

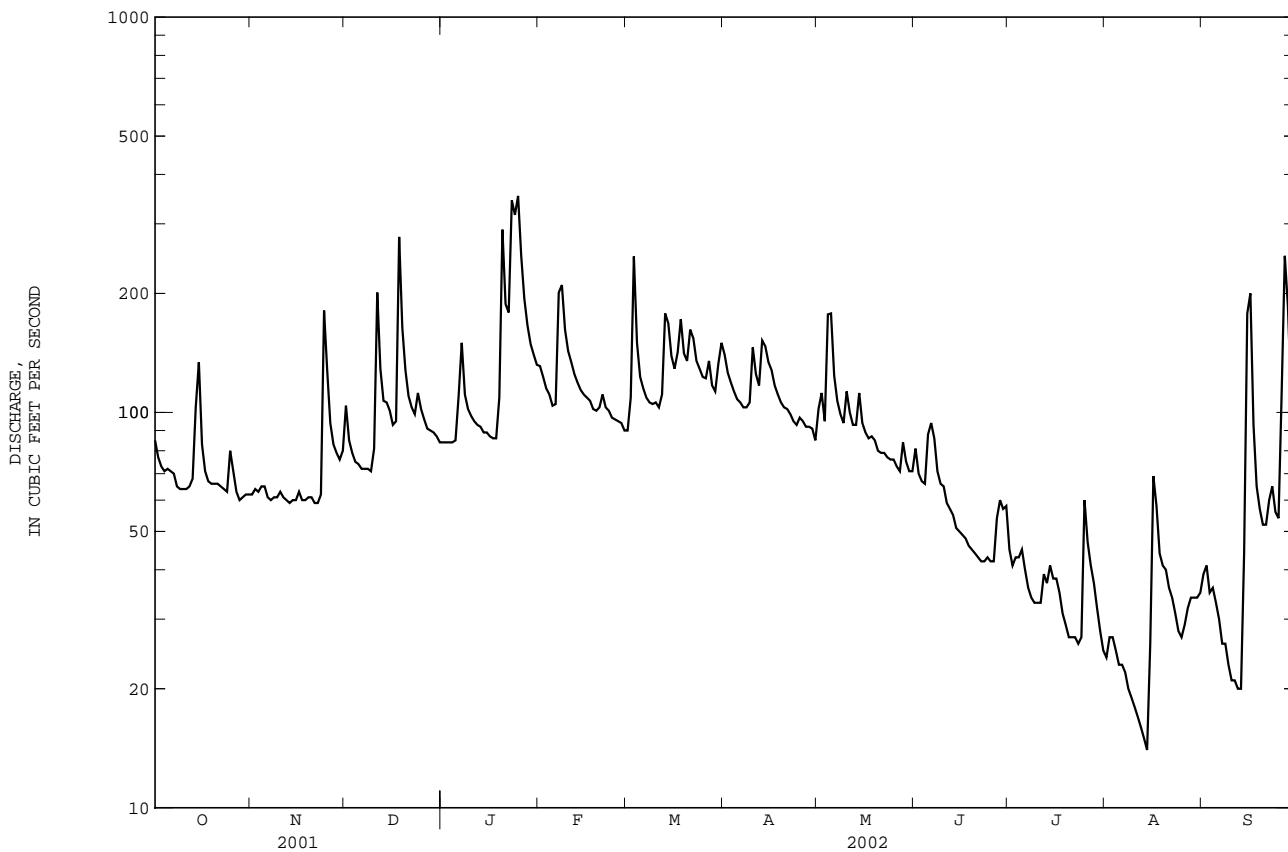
## STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 2002, BY WATER YEAR (WY)

MEAN	172	163	199	252	267	291	260	203	174	150	163	140
MAX	795	429	459	791	621	752	763	466	439	310	490	405
(WY)	1965	1993	1962	1937	1960	1952	1936	1959	1961	1943	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 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1930 - 2002	
ANNUAL TOTAL	36681		31758		203	
ANNUAL MEAN	100		87.0		340	
HIGHEST ANNUAL MEAN					1937	
LOWEST ANNUAL MEAN					2002	
HIGHEST DAILY MEAN	724	Mar 30	353	Jan 25	8110	Oct 5 1964
LOWEST DAILY MEAN	47	Aug 28	14	Aug 14	14	Aug 14 2002
ANNUAL SEVEN-DAY MINIMUM	50	Aug 23	17	Aug 8	17	Aug 8 2002
MAXIMUM PEAK FLOW			534	Jan 23	a 12500	Aug 14 1940
MAXIMUM PEAK STAGE			4.80	Jan 23	27.13	Aug 14 1940
INSTANTANEOUS LOW FLOW			12	Aug 15	9.0	Oct 6 1954
ANNUAL RUNOFF (CFSM)	0.87		0.75		1.75	
ANNUAL RUNOFF (INCHES)	11.76		10.18		23.77	
10 PERCENT EXCEEDS	158		142		334	
50 PERCENT EXCEEDS	81		81		154	
90 PERCENT EXCEEDS	60		32		79	

a From rating curve extended above 4,300 ft<sup>3</sup>/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 mi<sup>2</sup>, 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 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	39	e31	41	38	73	47	73	53	30	17	12	24
2	e38	e32	36	38	68	72	67	47	27	17	13	21
3	e36	e32	35	38	65	95	63	42	26	17	13	19
4	e35	e33	34	38	63	67	59	122	25	21	12	18
5	e36	e32	34	38	61	60	57	84	35	18	11	17
6	e36	e31	34	61	64	57	55	60	32	16	9.8	15
7	e35	e30	32	61	112	54	55	51	35	15	9.1	15
8	e33	e31	32	49	102	51	55	46	29	14	8.9	15
9	e31	e31	31	46	83	52	57	45	27	13	8.7	14
10	e32	e32	47	44	76	52	59	53	26	13	8.6	13
11	e32	e31	85	41	71	50	55	45	24	15	8.4	12
12	e33	e31	55	40	67	63	57	43	23	15	8.3	12
13	e34	e30	49	40	64	98	68	45	22	15	7.8	21
14	e60	e31	49	38	62	80	62	46	22	16	8.1	40
15	51	30	47	39	60	70	57	39	22	16	21	165
16	40	30	43	38	59	65	55	38	21	15	85	114
17	e35	30	55	38	57	81	52	36	20	13	32	53
18	e34	29	145	37	56	80	51	39	19	12	23	42
19	e33	29	78	75	55	70	50	36	19	12	21	38
20	e33	30	64	152	57	70	50	35	18	11	21	35
21	e33	29	57	103	58	93	47	34	18	11	18	39
22	e32	30	52	90	54	80	45	34	17	11	16	63
23	e32	32	51	292	53	72	41	33	19	10	15	45
24	e31	91	55	187	52	68	41	32	20	20	19	36
25	e57	53	47	270	51	65	45	31	18	48	34	38
26	40	42	45	146	51	68	41	30	19	22	23	64
27	e33	39	43	112	49	70	41	30	19	18	21	94
28	e30	37	42	96	48	62	40	33	20	16	19	70
29	e30	35	41	87	---	59	40	30	19	14	20	51
30	e31	39	41	80	---	74	37	29	18	13	21	44
31	e31	---	39	75	---	78	---	31	---	12	22	---
TOTAL	1116	1043	1539	2527	1791	2123	1575	1352	689	496	569.7	1247
MEAN	36.0	34.8	49.6	81.5	64.0	68.5	52.5	43.6	23.0	16.0	18.4	41.6
MAX	60	91	145	292	112	98	73	122	35	48	85	165
MIN	30	29	31	37	48	47	37	29	17	10	7.8	12
CFSM	0.65	0.63	0.90	1.47	1.15	1.24	0.95	0.79	0.41	0.29	0.33	0.75
IN.	0.75	0.70	1.03	1.70	1.20	1.43	1.06	0.91	0.46	0.33	0.38	0.84

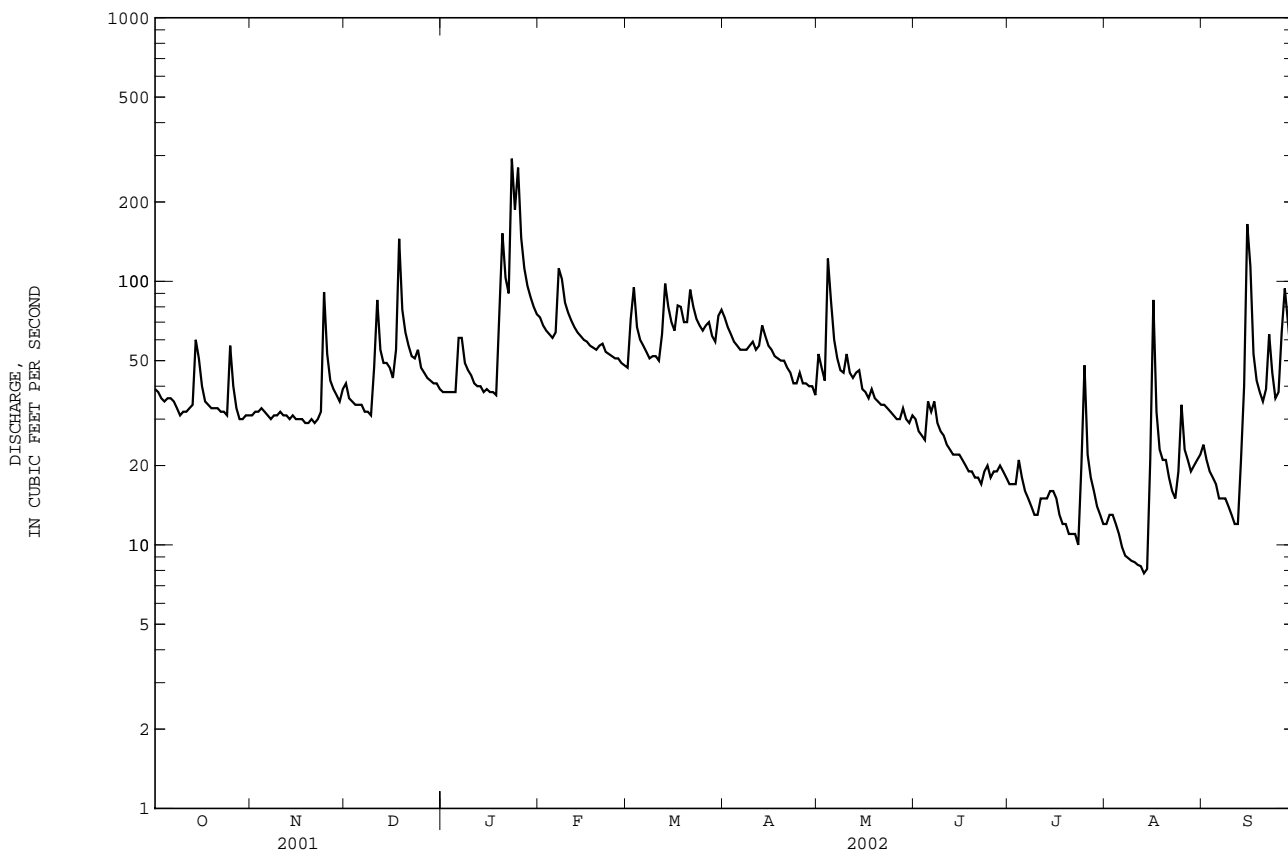
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 2002, BY WATER YEAR (WY)

	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
MEAN	80.9	80.6	86.3	131	127	139	106	87.0	67.9	62.9	72.0	54.9		
MAX	153	253	184	268	248	308	189	175	116	169	219	98.8		
(WY)	1996	1993	1993	1993	1990	1993	1993	1993	1992	1994	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 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1989 - 2002	
ANNUAL TOTAL	18265		16067.7		92.4	
ANNUAL MEAN	50.0		44.0		157	
HIGHEST ANNUAL MEAN					44.0	
LOWEST ANNUAL MEAN					1993	
HIGHEST DAILY MEAN	399	Jul 26	292	Jan 23	3500	Aug 27 1995
LOWEST DAILY MEAN	21	Jul 17	7.8	Aug 13	7.8	Aug 13 2002
ANNUAL SEVEN-DAY MINIMUM	23	Jul 13	8.4	Aug 8	8.4	Aug 8 2002
MAXIMUM PEAK FLOW			478	Jan 23	5170	Aug 27 1995
MAXIMUM PEAK STAGE			6.41	Jan 23	11.33	Aug 27 1995
INSTANTANEOUS LOW FLOW			1.6	Aug 14		
ANNUAL RUNOFF (CFSM)	0.90		0.79		1.67	
ANNUAL RUNOFF (INCHES)	12.26		10.79		22.67	
10 PERCENT EXCEEDS	78		73		152	
50 PERCENT EXCEEDS	38		38		67	
90 PERCENT EXCEEDS	30		15		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 mi<sup>2</sup>.

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, 815.29 ft, Jan. 23; minimum elevation, 811.03 ft, Sep. 13.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY OBSERVATION AT 2400 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	814.72	814.12	814.10	815.08	815.13	815.09	815.16	815.13	815.06	813.68	812.24	811.58
2	814.70	814.11	814.10	815.08	815.13	815.20	815.15	815.12	815.07	813.65	812.19	811.55
3	814.66	814.09	814.11	815.09	815.12	815.17	815.13	815.11	815.07	813.62	812.12	811.52
4	814.64	814.07	814.15	815.08	815.10	815.14	815.12	815.23	815.03	813.60	812.04	811.48
5	814.61	814.04	814.20	815.08	815.10	815.12	815.11	815.18	814.99	813.55	811.97	811.44
6	814.60	814.02	814.27	815.16	815.17	815.11	815.11	815.15	815.04	813.51	811.87	811.39
7	814.56	814.01	814.30	815.13	815.21	815.12	815.11	815.13	815.00	813.45	811.77	811.33
8	814.50	814.05	814.32	815.10	815.19	815.11	815.11	815.12	814.96	813.40	811.68	811.28
9	814.43	814.05	814.32	815.10	815.17	815.12	815.13	815.12	814.92	813.35	811.59	811.23
10	814.37	814.03	814.46	815.11	815.16	815.10	815.13	815.14	814.88	813.30	811.50	811.18
11	814.32	814.01	814.56	815.09	815.13	815.10	815.12	815.12	814.83	813.24	811.42	811.12
12	814.30	813.98	814.63	815.09	815.13	815.16	815.14	815.11	814.74	813.18	811.33	811.06
13	814.29	813.95	814.68	815.09	815.12	815.20	815.15	815.13	814.69	813.13	811.24	811.06
14	814.47	813.93	814.74	815.08	815.12	815.17	815.15	815.11	814.62	813.13	811.16	811.06
15	814.49	813.90	814.79	815.08	815.12	815.16	815.14	815.09	814.53	813.08	811.54	811.40
16	814.47	813.88	814.79	815.08	815.12	815.14	815.13	815.09	814.47	813.04	811.80	812.00
17	814.43	813.87	815.07	815.08	815.10	815.18	815.12	815.10	814.41	812.98	811.88	812.19
18	814.41	813.85	815.07	815.08	815.10	815.17	815.12	815.08	814.35	812.92	811.91	812.27
19	814.39	813.84	815.11	815.24	815.10	815.15	815.12	815.08	814.28	812.86	811.93	812.32
20	814.37	813.80	815.11	815.22	815.12	815.16	815.12	815.07	814.20	812.79	811.92	812.40
21	814.35	813.79	815.10	815.21	815.12	815.18	815.11	815.07	814.12	812.78	811.88	812.48
22	814.33	813.77	815.10	815.16	815.11	815.15	815.10	815.07	814.07	812.76	811.84	812.58
23	814.31	813.89	815.12	815.28	815.11	815.14	815.08	815.07	814.03	812.68	811.79	812.64
24	814.29	814.04	815.11	815.21	815.10	815.14	815.08	815.07	813.97	812.65	811.80	812.69
25	814.31	814.07	815.10	815.21	815.10	815.13	815.10	815.08	813.90	812.65	811.80	812.77
26	814.28	814.08	815.09	815.18	815.10	815.16	815.09	815.07	813.87	812.61	811.76	812.93
27	814.24	814.08	815.09	815.18	815.08	815.14	815.09	815.07	813.79	812.58	811.72	813.18
28	814.22	814.08	815.08	815.17	815.08	815.13	815.10	815.08	813.75	812.52	811.67	813.29
29	814.19	814.08	815.10	815.17	---	815.13	815.08	815.08	813.71	812.45	811.64	813.37
30	814.17	814.10	815.08	815.15	---	815.18	815.08	815.07	813.72	812.39	811.60	813.39
31	814.14	---	815.08	815.15	---	815.18	---	815.08	---	812.32	811.60	---
MAX	814.72	814.12	815.12	815.28	815.21	815.20	815.16	815.23	815.07	813.68	812.24	813.39
MIN	814.14	813.77	814.10	815.08	815.08	815.09	815.08	815.07	813.71	812.32	811.16	811.06
(+)	6.87	6.85	7.34	7.38	7.34	7.39	7.34	7.34	6.67	6.04	5.72	6.53
(*)	-15.5	-1.03	+24.5	+2.00	-2.21	+2.50	-2.58	0.00	-34.6	-31.4	-16.0	+41.8
CAL YR 2001	*	+3.09	MAX 815.34	MIN 813.58								
WTR YR 2002	*	-2.75	MAX 815.28	MIN 811.06								

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

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



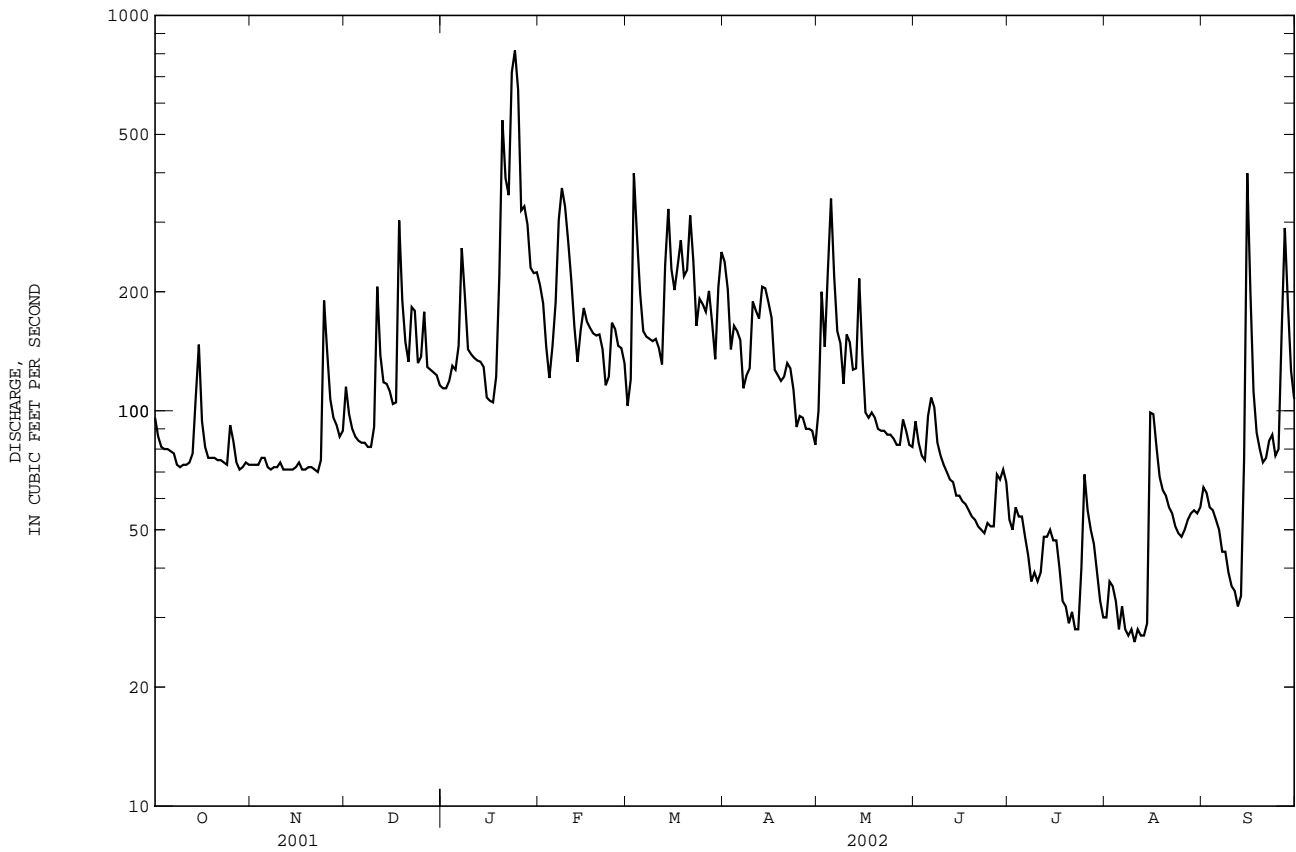
SANTEE RIVER BASIN

02155500 PACOLET RIVER NEAR FINGERVILLE, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1930 - 2002	
ANNUAL TOTAL	47407		44095		329	
ANNUAL MEAN	130		121		535	
HIGHEST ANNUAL MEAN					121	
LOWEST ANNUAL MEAN					1937	
HIGHEST DAILY MEAN	1330	Mar 30	815	Jan 24	13500	Aug 14 1940
LOWEST DAILY MEAN	52	Aug 29	e 26	Aug 10	e 26	Aug 10 2002
ANNUAL SEVEN-DAY MINIMUM	57	Aug 23	27	Aug 7	27	Aug 7 2002
MAXIMUM PEAK FLOW			1430	Jan 23	a 22800	Aug 14 1940
MAXIMUM PEAK STAGE			3.43	Jan 23	22.43	Aug 14 1940
ANNUAL RUNOFF (CFSM)	0.61		0.57		1.55	
ANNUAL RUNOFF (INCHES)	8.32		7.74		21.07	
10 PERCENT EXCEEDS	213		219		562	
50 PERCENT EXCEEDS	94		91		244	
90 PERCENT EXCEEDS	71		44		107	

a From rating curve extended above 9,600 ft<sup>3</sup>/s by velocity-area studies.

e Estimated



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 mi<sup>2</sup>, 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, 702.87 ft, Mar. 9, 1998; minimum elevation, 693.69 ft, Aug. 15, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 700.79 ft, Jan. 23; minimum elevation, 693.69 ft, Aug. 15.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY OBSERVATION AT 2400 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	699.83	699.81	699.88	699.88	700.06	699.90	700.14	699.95	699.84	698.40	695.92	694.71
2	699.82	699.82	699.86	699.88	700.03	700.02	700.09	700.08	699.82	698.30	695.79	694.58
3	699.81	699.82	699.84	699.88	699.97	700.27	700.04	700.01	699.80	698.36	695.66	694.64
4	699.80	699.83	699.84	699.89	699.92	700.14	700.04	700.20	699.78	698.33	695.54	694.65
5	699.80	699.81	699.83	699.89	699.98	700.05	700.04	700.21	699.85	698.27	695.39	694.61
6	699.81	699.81	699.84	699.98	700.10	700.02	700.02	700.08	699.93	698.19	695.25	694.59
7	699.80	699.81	699.83	700.06	700.23	700.00	699.96	700.02	699.88	698.08	695.07	694.73
8	699.78	699.81	699.83	699.99	700.24	700.00	699.97	699.98	699.82	697.97	694.89	695.04
9	699.78	699.81	699.82	699.94	700.19	700.01	700.00	699.95	699.79	697.86	694.71	694.48
10	699.79	699.80	699.95	699.92	700.14	700.00	700.06	700.01	699.78	697.75	694.54	694.35
11	699.79	699.82	700.04	699.91	700.08	699.99	700.04	699.98	699.76	697.65	694.37	694.25
12	699.80	699.81	699.96	699.92	700.01	700.05	700.06	699.95	699.69	697.59	694.20	694.18
13	699.80	699.81	699.93	699.91	699.98	700.23	700.08	700.03	699.66	697.51	694.01	694.06
14	699.93	699.82	699.91	699.90	700.02	700.24	700.07	700.06	699.61	697.47	693.85	694.06
15	699.92	699.82	699.90	699.86	700.03	700.13	700.05	699.95	699.56	697.41	694.25	695.41
16	699.83	699.82	699.88	699.85	700.02	700.12	700.02	699.90	699.50	697.34	695.10	696.28
17	699.82	699.82	699.97	699.85	699.99	700.17	699.97	699.88	699.44	697.26	695.21	696.44
18	699.81	699.82	700.11	699.88	699.99	700.17	699.95	699.87	699.37	697.14	695.19	696.49
19	699.80	699.81	700.00	700.20	700.00	700.11	699.94	699.86	699.30	697.00	695.16	696.50
20	699.81	699.81	699.97	700.30	700.00	700.18	699.96	699.85	699.23	696.87	695.11	696.48
21	699.81	699.81	699.92	700.22	699.96	700.30	699.96	699.84	699.13	696.75	695.06	696.48
22	699.81	699.81	699.99	700.17	699.93	700.11	699.96	699.84	699.04	696.64	695.02	696.51
23	699.80	699.94	699.98	700.75	699.94	700.06	699.92	699.83	698.95	696.51	694.97	696.56
24	699.80	700.09	699.93	700.65	699.99	700.08	699.90	699.83	698.86	696.54	694.97	696.60
25	699.87	699.98	699.92	700.39	699.99	700.07	699.90	699.83	698.76	696.56	694.82	696.69
26	699.83	699.90	699.96	700.23	699.98	700.09	699.90	699.83	698.67	696.54	694.82	697.03
27	699.81	699.87	699.91	700.18	699.94	700.08	699.88	699.82	698.61	696.47	694.88	698.09
28	699.80	699.87	699.90	700.16	699.94	700.04	699.88	699.85	698.58	696.40	694.77	698.59
29	699.79	699.84	699.90	700.09	---	700.00	699.86	699.84	698.50	696.30	694.41	698.80
30	699.80	699.85	699.89	700.08	---	700.16	699.86	699.84	698.48	696.18	694.66	698.92
31	699.81	---	699.88	700.08	---	700.17	---	699.83	---	696.06	694.67	---
MEAN	699.81	699.84	699.92	700.06	700.02	700.10	699.98	699.94	699.37	697.28	694.91	695.83
MAX	699.93	700.09	700.11	700.75	700.24	700.30	700.14	700.21	699.93	698.40	695.92	698.92
MIN	699.78	699.80	699.82	699.85	699.92	699.90	699.86	699.82	698.48	696.06	693.85	694.06

## 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 mi<sup>2</sup>.

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 fair 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 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	112	92	125	127	248	140	293	132	94	78	65	60
2	106	94	124	125	224	158	262	177	97	77	64	60
3	100	96	114	128	200	339	206	214	84	76	62	60
4	97	96	106	133	166	345	198	259	77	76	62	59
5	94	95	103	136	153	259	197	364	88	74	61	e59
6	102	88	102	166	201	206	193	286	113	72	61	e59
7	97	90	102	225	317	191	164	206	134	71	65	59
8	91	88	101	229	399	183	152	181	105	70	68	59
9	87	89	100	173	380	185	163	152	87	70	67	e55
10	87	89	119	157	316	189	203	160	76	69	67	48
11	89	88	209	e155	267	e180	222	182	71	68	66	e44
12	93	90	196	e150	225	e200	216	155	80	68	65	48
13	96	89	161	147	182	284	240	164	79	67	64	46
14	126	90	148	143	176	364	247	211	76	66	64	60
15	173	92	141	133	204	316	231	189	74	65	66	73
16	139	93	132	119	204	245	216	133	72	65	76	81
17	108	93	137	116	198	280	183	118	72	65	76	83
18	99	92	255	120	186	301	162	120	71	70	76	83
19	95	90	240	189	185	281	154	111	70	72	75	82
20	96	92	184	536	188	226	150	104	70	70	71	82
21	95	89	158	441	188	358	159	101	80	68	e63	83
22	95	89	161	375	156	309	158	99	84	68	65	83
23	e92	99	199	742	144	223	144	98	82	68	62	69
24	87	220	162	1010	172	223	127	97	82	67	62	60
25	132	216	147	989	186	225	128	95	80	67	61	61
26	118	154	173	445	177	222	122	92	79	67	60	63
27	97	126	155	388	173	234	119	95	78	66	60	71
28	87	116	142	340	158	215	118	93	78	66	60	81
29	86	109	139	288	---	181	120	100	78	66	60	83
30	85	109	134	254	---	221	104	97	78	65	60	84
31	90	---	132	255	---	299	---	95	---	65	60	---
TOTAL	3151	3153	4601	8934	5973	7582	5351	4680	2489	2142	2014	1998
MEAN	102	105	148	288	213	245	178	151	83.0	69.1	65.0	66.6
MAX	173	220	255	1010	399	364	293	364	134	78	76	84
MIN	85	88	100	116	144	140	104	92	70	65	60	44
CFSM	0.37	0.38	0.54	1.06	0.78	0.90	0.65	0.55	0.30	0.25	0.24	0.24
IN.	0.43	0.43	0.63	1.22	0.81	1.03	0.73	0.64	0.34	0.29	0.27	0.27

## STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1994 - 2002, BY WATER YEAR (WY)

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
MEAN	255	235	307	464	479	471	359	254	207	183	311	182
MAX	652	617	549	982	975	751	523	404	363	394	991	393
(WY)	1996	1996	1995	1995	1998	1998	1998	1998	1995	1994	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

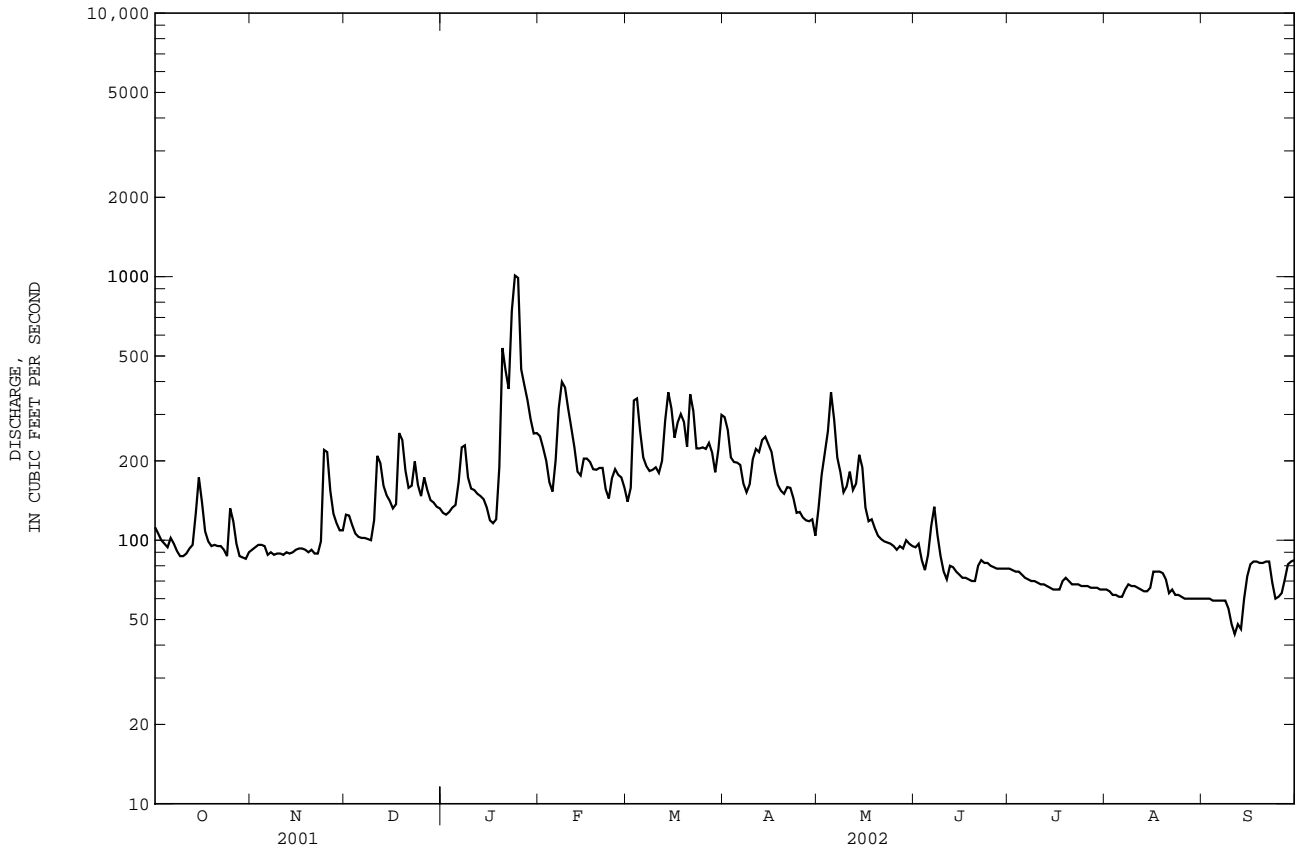
021556525 PACOLET RIVER BELOW LAKE BLALOCK NEAR COWPENS, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1994 - 2002	
ANNUAL TOTAL	56643		52068			
ANNUAL MEAN	155		143		302	
HIGHEST ANNUAL MEAN					524	1995
LOWEST ANNUAL MEAN					143	2002
HIGHEST DAILY MEAN	e 1400	Mar 30	1010	Jan 24	11000	Aug 28 1995
LOWEST DAILY MEAN	67	May 20	e 44	Sep 11	e 44	Sep 11 2002
ANNUAL SEVEN-DAY MINIMUM	70	May 14	51	Sep 7	51	Sep 7 2002
MAXIMUM PEAK FLOW			1320	Jan 23	a 12000	Aug 28 1995
MAXIMUM PEAK STAGE			4.33	Jan 23	b 17.10	Aug 28 1995
ANNUAL RUNOFF (CFSM)	0.57		0.52		1.11	
ANNUAL RUNOFF (INCHES)	7.72		7.09		15.03	
10 PERCENT EXCEEDS	239		247		535	
50 PERCENT EXCEEDS	119		104		211	
90 PERCENT EXCEEDS	84		65		80	

a On basis of computation of peak flow over Lake Blalock dam, at site and datum then in use.

b From floodmarks.

e Estimated

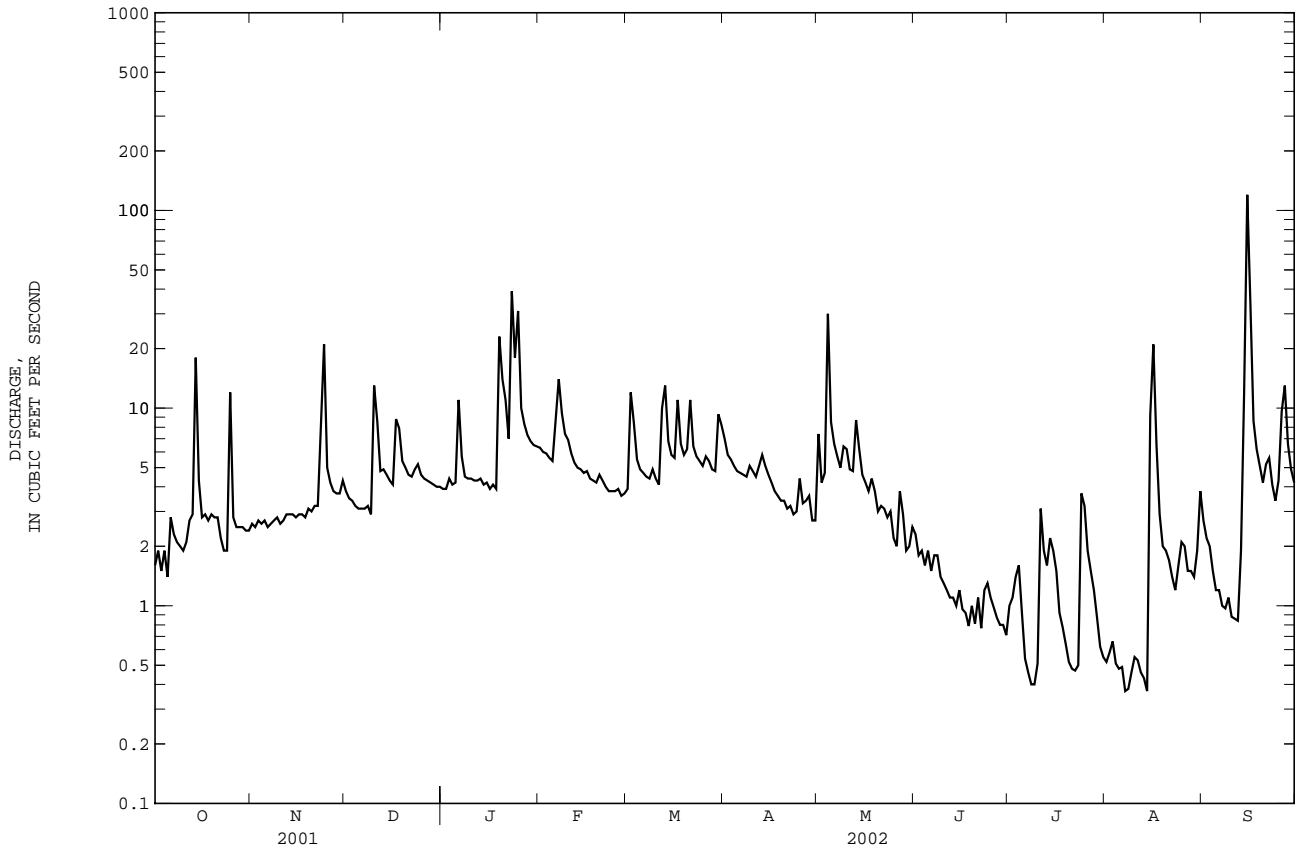




02156050 LAWSONS FORK CREEK AT DEWEY PLANT NEAR INMAN, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1980 - 2002	
ANNUAL TOTAL	2044.0		1700.73			
ANNUAL MEAN	5.60		4.66		8.90	
HIGHEST ANNUAL MEAN					15.2 1993	
LOWEST ANNUAL MEAN					4.66 2002	
HIGHEST DAILY MEAN	e 60	Mar 29	e 120	Sep 15	370	Aug 27 1995
LOWEST DAILY MEAN	1.2	a Aug 28	0.37	b Aug 7	0.37	Aug 7 2002
ANNUAL SEVEN-DAY MINIMUM	1.4	Aug 22	0.45	Aug 7	0.45	Aug 7 2002
MAXIMUM PEAK FLOW			Unknown		c 563	Aug 17 1994
MAXIMUM PEAK STAGE			7.53		c 7.86	May 23 1980
ANNUAL RUNOFF (CFSM)	0.87		0.72		1.38	
ANNUAL RUNOFF (INCHES)	11.77		9.79		18.72	
10 PERCENT EXCEEDS	9.0		8.2		14	
50 PERCENT EXCEEDS	4.4		3.6		6.7	
90 PERCENT EXCEEDS	2.0		0.87		3.2	

a Also occurred Sep. 22, 23.  
 b Also occurred Aug. 14.  
 c At site and datum then in use.  
 e Estimated





## SANTEE RIVER BASIN

021563931 TURKEY CREEK NEAR LOWRYS, SC

LOCATION.--Lat 34°48'47"', long 81°22'10"', Chester County, Hydrologic Unit 03050106, on State road 97, 11.5 mi north west of Chester, and 7.5 mi west of Lowrys.

DRAINAGE AREA.--81.5 mi<sup>2</sup>.

PERIOD OF RECORD.--August 1990 to December 2000 (crest-stage partial record), December 2000 to current year.

GAGE.--Data collection platform. Elevation of gage is 370 ft above NGVD of 1929 (from topographic map).

REMARKS.--Records poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.3	4.0	5.6	4.4	22	15	202	12	5.1	1.6	e0.00	e0.00
2	3.3	4.3	5.0	4.5	20	29	94	13	4.3	1.6	e0.00	e0.00
3	3.4	4.3	4.6	5.1	18	260	65	11	3.9	2.1	e0.00	e0.00
4	3.5	4.5	4.7	5.6	17	133	48	34	3.7	1.8	e0.00	e0.00
5	3.4	3.9	4.5	6.1	16	65	34	45	3.4	1.5	e0.00	e0.00
6	6.8	5.7	4.0	8.1	17	49	30	20	3.2	1.4	e0.00	e0.00
7	9.7	5.9	4.2	20	103	40	26	16	3.5	1.3	e0.00	e0.00
8	5.1	5.5	4.5	9.8	175	36	25	13	3.3	1.2	e0.00	e0.00
9	4.0	4.3	4.8	7.3	74	33	23	12	2.7	1.0	e0.00	e0.00
10	4.2	4.2	5.7	6.4	47	31	26	10	2.6	0.97	e0.00	e0.00
11	4.0	4.3	17	5.5	e38	28	24	13	2.5	1.2	e0.00	e0.00
12	4.1	4.4	11	4.9	e31	46	26	12	2.5	1.1	e0.00	e0.00
13	4.2	6.4	6.9	5.4	27	222	27	11	2.4	1.0	e0.00	e0.00
14	4.3	6.2	6.3	5.2	24	118	25	13	2.4	1.7	e0.00	e0.00
15	4.9	5.8	5.8	4.9	22	70	21	10	2.1	2.1	e0.00	e6.1
16	5.8	6.3	5.2	4.4	22	52	19	9.0	2.1	2.1	e0.00	10
17	4.7	5.8	5.5	4.1	20	112	17	9.5	1.9	1.7	e0.00	e0.94
18	4.5	5.7	10	3.9	18	107	17	11	1.9	1.3	e0.00	e0.00
19	4.8	5.9	9.2	8.3	18	65	15	14	1.8	1.0	e0.00	e0.00
20	5.0	6.0	6.4	213	18	52	15	8.0	1.8	0.90	e0.00	e0.00
21	5.0	5.9	5.2	53	18	130	14	6.8	1.6	0.80	e0.00	e0.00
22	4.9	5.7	4.6	38	17	116	13	6.6	1.8	0.72	e0.00	e0.00
23	5.0	6.1	4.5	127	17	65	11	6.5	1.9	0.66	e0.00	e0.00
24	5.1	17	5.0	99	16	50	11	6.6	2.2	0.62	e0.00	e0.00
25	4.8	15	5.1	286	16	43	12	6.3	2.2	2.2	e0.00	e0.00
26	4.3	7.9	5.3	90	16	48	11	6.0	2.3	1.5	e0.00	e0.00
27	4.5	6.9	4.8	49	15	56	11	5.5	3.2	1.4	e0.00	e0.64
28	4.6	6.2	4.9	35	15	e48	11	6.0	2.1	1.1	e0.00	e0.00
29	4.8	6.8	4.8	30	---	45	10	6.8	1.7	0.85	e0.00	e0.00
30	4.3	6.9	4.4	26	---	48	9.1	5.5	1.6	0.68	e0.00	e0.00
31	5.3	---	4.4	24	---	89	---	6.1	---	e0.59	e0.00	---
MEAN	4.70	6.26	5.93	38.5	31.3	74.2	29.7	11.8	2.59	1.28	0.000	0.59
MAX	9.7	17	17	286	175	260	202	45	5.1	2.2	0.00	10
MIN	3.3	3.9	4.0	3.9	15	15	9.1	5.5	1.6	0.59	0.00	0.00
AC-FT	289	373	365	2370	1740	4560	1770	724	154	79	0.00	35
CFSM	0.06	0.08	0.07	0.47	0.38	0.91	0.36	0.14	0.03	0.02	0.00	0.01

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2001 - 2002, BY WATER YEAR (WY)

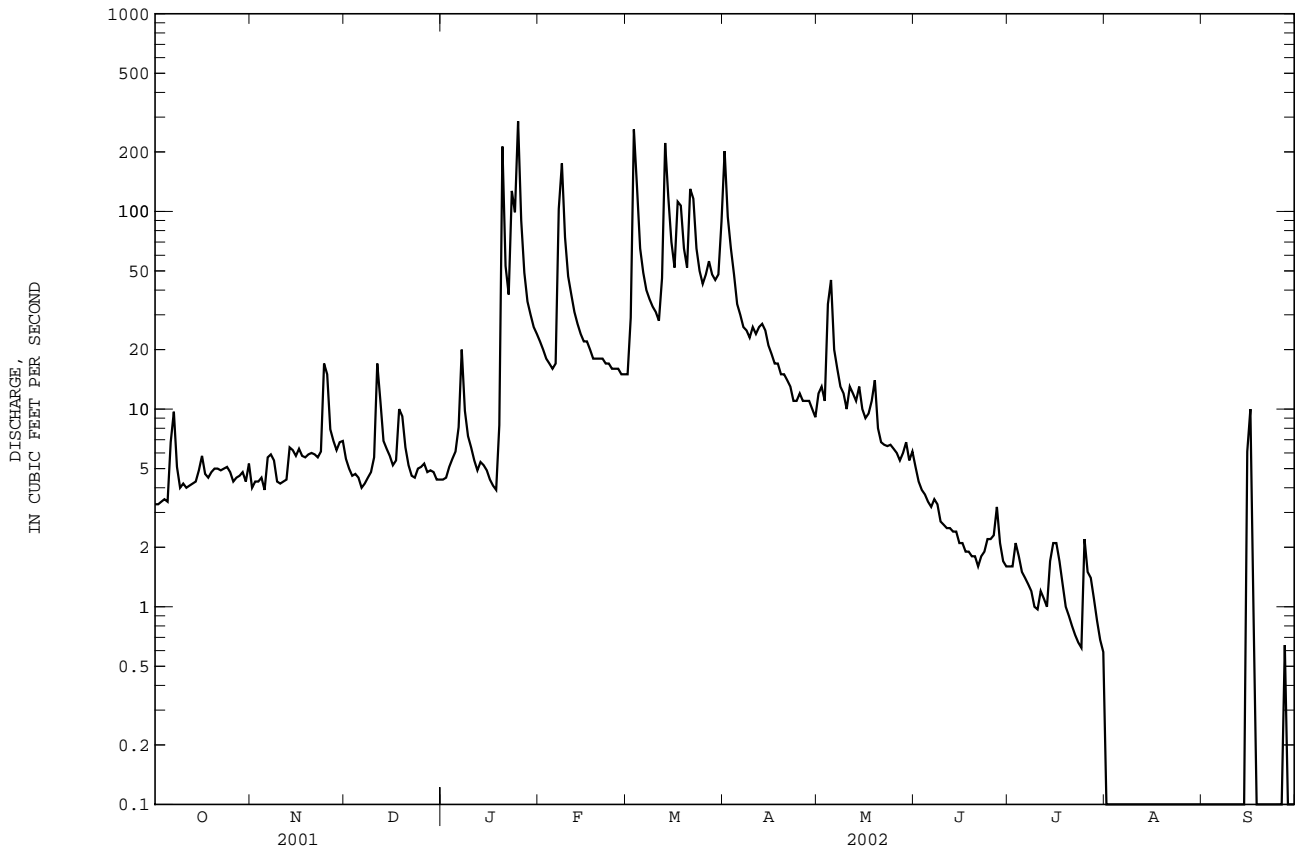
	2001	2002	2001	2002	2001	2002	2001	2002	2001	2002	2001	2002
MEAN	4.70	6.26	5.93	28.9	24.2	95.2	26.7	9.65	10.2	4.39	1.44	3.40
MAX	4.70	6.26	5.93	38.5	31.3	116	29.7	11.8	17.8	7.50	2.87	6.22
(WY)	2002	2002	2002	2002	2002	2001	2002	2002	2001	2001	2001	2001
MIN	4.70	6.26	5.93	19.3	17.0	74.2	23.6	7.52	2.59	1.28	0.000	0.59
(WY)	2002	2002	2002	2001	2001	2002	2001	2001	2002	2002	2002	2002

021563931 TURKEY CREEK NEAR LOWRYS, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 2001 - 2002	
ANNUAL MEAN	19.7		17.2		17.2	
HIGHEST ANNUAL MEAN					17.2 2002	
LOWEST ANNUAL MEAN					17.2 2002	
HIGHEST DAILY MEAN	912 Mar 30		286 Jan 25		912 Mar 30 2001	
LOWEST DAILY MEAN	e 0.87 Sep 2		e 0.00 a Aug 1		e 0.00 a Aug 1 2002	
ANNUAL SEVEN-DAY MINIMUM	1.1 Aug 28		0.00 Aug 1		0.00 Aug 1 2002	
MAXIMUM PEAK FLOW			522 Jan 25		9510 Oct 12 1990	
MAXIMUM PEAK STAGE			7.26 Jan 25		16.37 Oct 12 1990	
ANNUAL RUNOFF (AC-FT)	14240		12460		12470	
ANNUAL RUNOFF (CFSM)	0.24		0.21		0.21	
10 PERCENT EXCEEDS	30		46		46	
50 PERCENT EXCEEDS	6.4		5.2		5.2	
90 PERCENT EXCEEDS	2.8		0.00		0.00	

a Also occurred many days in August and September.

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 mi<sup>2</sup>, 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 ft<sup>3</sup> below 333.9 ft (maximum normal lake elevation). Contents above 333.9 are unknown.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height 337.35 ft, Mar. 9, 1998; minimum gage height, unknown, Jul. 7-14, 1997.

EXTREMES FOR CURRENT YEAR.--Maximum gage height 334.69 ft, Mar. 18; minimum gage height, 327.60, Jul. 31.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY OBSERVATION AT 2400 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	332.41	331.36	332.63	332.53	333.33	333.12	332.29	332.36	333.46	333.44	329.45	329.75
2	332.23	331.32	332.80	333.62	333.20	333.03	333.14	333.06	333.41	332.99	329.92	329.95
3	331.97	331.30	333.07	332.31	333.48	333.73	332.75	332.46	333.29	332.97	329.29	329.87
4	332.68	331.82	333.44	332.75	332.45	332.96	333.32	333.94	332.18	333.75	328.51	329.63
5	332.11	332.09	333.01	333.36	332.93	333.42	333.40	332.21	330.95	333.96	330.72	329.59
6	331.69	332.00	332.48	332.63	332.70	333.07	332.01	333.39	331.46	333.87	328.43	329.47
7	331.56	332.39	333.51	333.98	333.02	333.18	333.37	333.11	331.21	333.68	327.98	329.16
8	331.82	332.87	333.12	332.55	334.15	333.47	332.83	332.72	332.52	332.21	328.18	328.75
9	331.46	332.80	333.52	332.99	332.61	331.98	333.15	333.02	332.75	330.11	328.55	328.28
10	331.48	333.37	332.03	332.39	333.26	333.95	333.23	333.32	333.26	329.01	328.83	328.96
11	331.33	333.07	333.24	332.60	333.15	332.65	333.43	332.79	333.07	329.52	329.10	329.67
12	331.41	332.89	332.16	333.70	332.68	334.09	333.30	333.09	332.75	330.01	329.30	329.98
13	331.33	332.94	332.74	332.83	332.85	334.35	332.71	333.53	332.63	330.49	329.47	329.73
14	331.52	332.20	333.26	333.33	333.54	334.15	333.12	333.55	332.32	330.28	329.63	329.51
15	332.67	332.23	332.31	333.24	333.58	332.66	333.12	332.99	332.17	328.67	329.74	330.48
16	333.07	332.33	333.74	333.42	332.58	333.76	334.05	332.79	331.80	330.55	330.06	332.82
17	332.94	332.42	332.57	333.43	334.15	333.35	332.26	333.28	331.53	330.04	331.49	332.96
18	332.43	332.59	333.33	333.45	333.19	333.90	332.19	332.61	331.02	329.98	329.98	332.72
19	332.32	333.34	332.96	332.64	333.50	333.12	332.27	333.06	331.45	329.68	330.04	332.35
20	331.87	333.48	332.82	333.92	332.71	332.48	333.50	332.72	331.91	329.98	329.31	332.30
21	332.01	333.46	333.21	333.30	333.52	333.83	332.31	332.63	332.30	330.14	329.08	332.78
22	332.18	333.31	332.76	333.11	333.54	332.37	332.59	332.20	332.72	330.26	329.99	333.45
23	331.88	333.30	333.85	333.49	333.46	332.80	333.61	332.72	333.21	329.42	329.18	333.49
24	332.38	332.41	332.69	334.32	333.39	332.90	332.98	333.53	333.53	329.97	328.95	333.73
25	332.11	332.84	333.00	334.51	333.67	333.89	333.40	332.95	333.75	329.91	328.97	333.30
26	332.97	332.35	333.16	334.14	333.37	333.47	332.29	332.92	333.54	330.85	329.03	333.08
27	332.88	332.77	333.27	332.47	332.81	332.91	332.27	332.94	333.82	330.72	329.05	331.40
28	332.93	332.45	333.81	333.32	333.48	333.06	333.47	332.95	333.61	330.67	329.27	333.47
29	332.98	332.74	332.49	332.76	---	333.32	333.75	332.66	333.44	331.05	329.34	330.31
30	332.41	332.31	334.03	332.62	---	332.50	333.14	333.66	333.96	328.15	329.45	332.32
31	331.79	---	332.49	332.76	---	333.31	---	333.27	---	328.35	329.62	---
MAX	333.07	333.48	334.03	334.51	334.15	334.35	334.05	333.94	333.96	333.96	331.49	333.73
MIN	331.33	331.30	332.03	332.31	332.45	331.98	332.01	332.20	330.95	328.15	327.98	328.28
(+)	127.4	138.6	142.4	148.2	163.5	159.9	156.3	159.0	Unknown	59.5	80.8	138.8
(*)	-6.80	+4.32	+1.42	+2.17	+6.32	-1.34	-1.39	+1.01	Unknown	Unknown	+7.95	+22.4
CAL YR 2001	* Unknown	MAX 334.90	MIN 331.30									
WTR YR 2002	* -0.22	MAX 334.51	MIN 327.98									

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

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

SANTEE RIVER BASIN

197

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 mi<sup>2</sup>, 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.--No estimated daily discharges. Records good. 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 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	803	684	879	810	1980	1410	3680	1210	875	882	248	386
2	753	656	858	723	1930	1630	2820	1210	1030	777	349	387
3	720	659	806	1220	1830	3200	2670	1560	956	564	471	391
4	657	665	945	844	1860	3500	2320	1560	851	288	411	389
5	694	673	792	849	1320	2570	2020	3790	1050	518	289	384
6	726	674	704	1410	1410	2570	2410	1790	951	636	585	383
7	686	667	725	1170	2610	2180	1580	1720	951	591	297	380
8	682	539	1080	1720	3730	1790	1740	1760	741	1040	248	372
9	669	689	762	1480	4140	2370	1570	1560	963	1030	216	365
10	665	704	1090	1490	2850	1420	1950	1510	894	513	218	278
11	660	729	883	1160	2340	1880	1860	1630	749	332	220	180
12	669	718	2260	934	2150	1310	2050	1370	739	262	217	182
13	680	729	1300	1470	2140	4820	2450	1120	747	321	217	233
14	676	746	1180	915	1880	6300	2200	1180	724	520	219	290
15	682	670	1380	942	2020	4270	1780	1890	684	707	233	287
16	897	650	945	927	1980	3000	1480	1730	673	461	264	631
17	948	656	1150	912	1500	2980	2320	1130	656	529	412	1480
18	1030	655	1070	935	1750	2700	1820	1580	649	490	901	1210
19	803	660	1790	1370	1370	3330	2040	1110	470	395	567	836
20	840	674	1950	3040	1790	3250	1460	1090	392	394	524	643
21	755	729	1410	3490	1410	2760	2090	1050	401	397	459	393
22	697	738	1410	2500	1610	3730	1310	919	414	393	383	484
23	697	705	1130	3390	1600	2830	1030	809	418	506	462	637
24	688	1200	1390	5790	1570	2590	1660	791	419	453	425	683
25	675	1670	907	7460	1230	1730	1440	971	444	418	412	706
26	680	1740	987	6600	1390	2150	1490	1180	491	432	397	657
27	845	1130	1050	4570	1560	2460	1940	819	490	466	409	1470
28	817	907	811	2530	1410	2190	1340	792	588	511	389	2320
29	771	1060	1570	2750	---	2190	955	710	618	600	387	2890
30	771	1070	1000	2630	---	2510	1190	741	571	749	392	1460
31	699	---	1440	2140	---	2750	---	1050	---	400	391	---
TOTAL	23035	24446	35654	68171	54360	84370	56665	41332	20599	16575	11612	21387
MEAN	743	815	1150	2199	1941	2722	1889	1333	687	535	375	713
MAX	1030	1740	2260	7460	4140	6300	3680	3790	1050	1040	901	2890
MIN	657	539	704	723	1230	1310	955	710	392	262	216	180
CFSM	0.27	0.29	0.41	0.79	0.70	0.98	0.68	0.48	0.25	0.19	0.13	0.26
IN.	0.31	0.33	0.48	0.91	0.72	1.12	0.76	0.55	0.27	0.22	0.15	0.29

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 2002, BY WATER YEAR (WY)

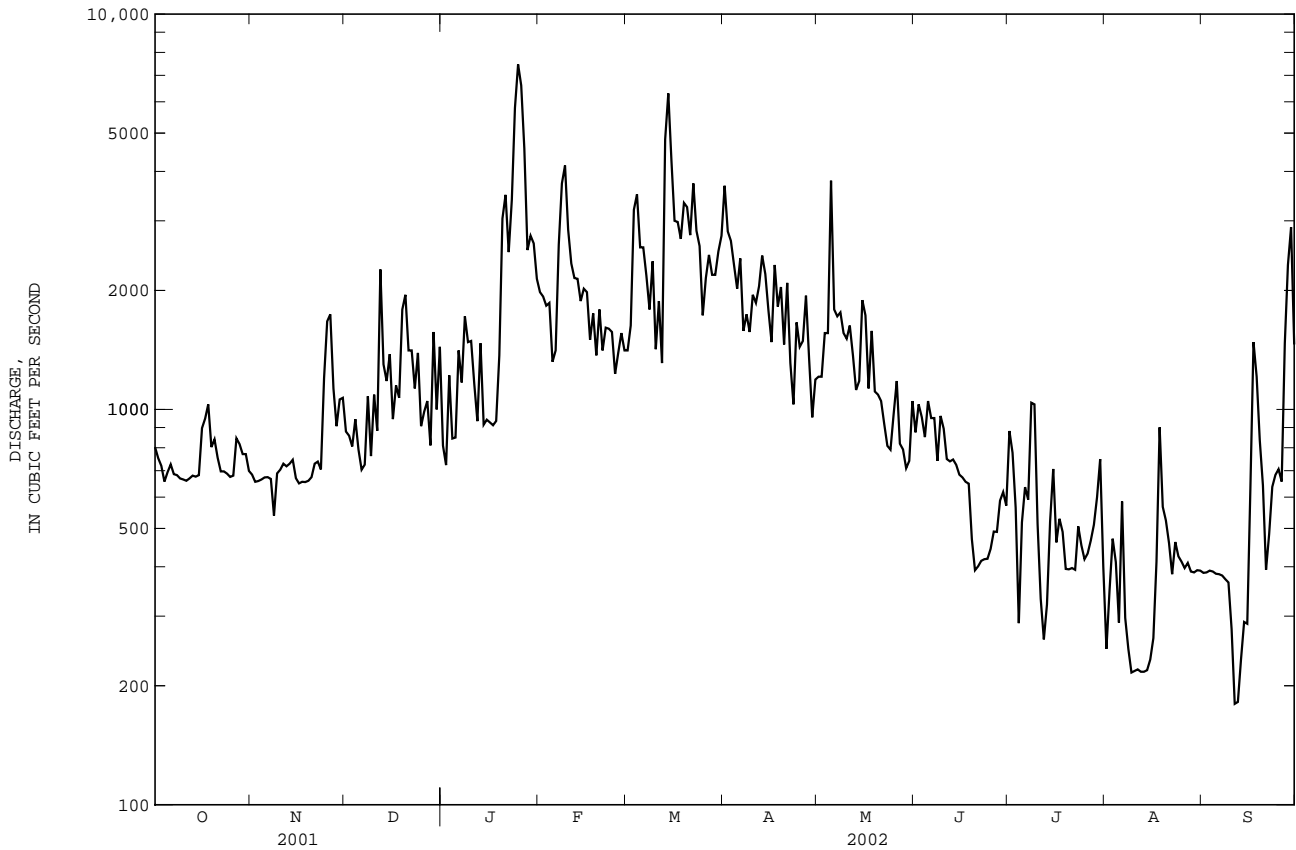
	1939	2000	2001	1956	2001	1988	2002	2001	2002	2002	2002	1954
MEAN	3060	3003	3701	4846	5646	6149	5071	3781	3123	2701	2863	2402
MAX	14720	8651	7549	10610	13040	14920	11400	8534	6763	8092	9495	9885
(WY)	1965	1958	1946	1978	1960	1952	1958	1975	1973	1941	1949	1945
MIN	562	815	1150	1220	1546	2399	1889	1314	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 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1939 - 2002	
ANNUAL TOTAL	546901		458206		3854	
ANNUAL MEAN	1498		1255		5977	
HIGHEST ANNUAL MEAN					1965	
LOWEST ANNUAL MEAN					2002	
HIGHEST DAILY MEAN	14900	Mar 30	7460	Jan 25	114000	Oct 10 1976
LOWEST DAILY MEAN	344	Aug 22	180	Sep 11	44	Sep 2 1956
ANNUAL SEVEN-DAY MINIMUM	472	Aug 22	220	Aug 9	220	Aug 9 2002
MAXIMUM PEAK FLOW			7760	Jan 26	a 123000	Oct 10 1976
MAXIMUM PEAK STAGE			6.38	Jan 26	31.51	Oct 10 1976
ANNUAL RUNOFF (CFSM)	0.54		0.45		1.38	
ANNUAL RUNOFF (INCHES)	7.29		6.11		18.77	
10 PERCENT EXCEEDS	2540		2520		6640	
50 PERCENT EXCEEDS	1160		915		2810	
90 PERCENT EXCEEDS	669		392		1280	

a From rating curve extended above 66,000 ft<sup>3</sup>/s on basis of computation of peak flow over Neal Shoals Dam.



02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1948, 1963-64, 1969 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1973 to current year.

pH: October 1973 to current year.

WATER TEMPERATURE: October 1973 to current year.

DISSOLVED OXYGEN: October 1973 to current year.

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

REMARKS.--Specific conductance records rated excellent. pH records rated excellent except for Oct. 23 to Nov. 5, Apr. 19 to Apr. 25, Aug. 14 to Aug. 26, which are good, and Apr. 26 to Apr. 29, which are fair. Temperature records rated excellent except for Jan. 5 to Jan. 23, which are good. Dissolved oxygen records rated good except for Jan. 9, 10, Mar. 22 to Mar. 27, June 24, 25, Aug. 18, 19, which are fair, and Jan. 11 to Jan. 19, Mar. 28, 29, Aug. 20 to Aug. 23, which are poor.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 471 microsiemens, Aug. 27, 1987; minimum, 16 microsiemens, Mar. 18, 1990.

pH: Maximum, 9.2 units, Jun. 25, 1986; minimum, 5.1 units, Aug. 6, 7, 1992, Apr. 27, 2002.

WATER TEMPERATURE: Maximum, 35.5°C, Jul. 13, 1992; minimum, less than 0.5°C, Dec. 24-26, 1989, Jan. 20, 1994, Jan. 3, 4, 2001.

DISSOLVED OXYGEN: Maximum, 15.4 mg/L, Jan. 3, 2001, Jan. 11, 1993; minimum, 3.0 mg/L, Jul. 6, 1994.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 323 microsiemens, Sep. 12; minimum, 77 microsiemens, Jan. 25-27.

pH: Maximum, 8.2 units, June 21; minimum, 5.1 units, Apr. 27.

WATER TEMPERATURE: Maximum, 32.9°C, July 19; minimum, 1.9°C, Jan. 5.

DISSOLVED OXYGEN: Maximum, 13.5 mg/L, Jan. 4, 13; minimum, 5.4 mg/L, Jul. 6.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	108	105	106	200	173	186	134	122	127	113	105	108
2	116	107	112	230	167	210	139	133	136	112	103	108
3	121	116	117	169	155	162	141	136	139	104	99	102
4	146	121	130	179	168	174	146	138	142	108	104	106
5	149	129	137	178	168	173	162	146	154	108	100	103
6	153	129	139	180	169	173	175	157	165	111	102	106
7	136	131	134	197	180	190	179	168	172	126	110	120
8	143	135	138	276	196	212	171	147	161	126	118	122
9	147	143	146	203	191	197	156	148	151	124	120	122
10	164	147	155	194	176	184	178	155	164	127	118	123
11	181	164	175	183	178	180	178	155	165	120	114	117
12	181	175	178	182	171	178	159	147	153	122	115	120
13	178	170	173	173	168	170	158	145	154	129	120	123
14	200	174	180	184	170	179	146	129	137	131	128	129
15	233	179	202	184	169	181	135	129	132	130	126	128
16	183	167	175	182	172	177	136	128	131	139	128	135
17	179	171	174	180	170	175	140	130	134	139	130	134
18	175	163	169	177	169	173	146	136	144	132	126	128
19	170	164	167	175	166	170	145	133	139	134	118	129
20	165	146	155	180	168	175	140	135	138	141	120	132
21	149	143	146	188	178	182	138	133	136	134	109	122
22	161	149	154	199	188	194	136	127	131	115	109	111
23	165	161	164	202	178	188	131	126	129	109	99	103
24	164	162	163	178	161	169	130	124	126	109	86	98
25	175	164	171	166	159	163	129	123	126	86	77	80
26	182	170	174	167	148	158	123	120	122	84	77	80
27	174	168	171	153	148	150	127	121	123	84	77	78
28	177	170	173	148	136	143	126	121	124	84	79	82
29	175	161	166	143	132	136	126	111	116	87	82	83
30	167	164	166	140	121	132	116	112	115	93	85	88
31	189	167	174	---	---	---	115	103	107	92	87	90
MONTH	233	105	158	276	121	174	179	103	138	141	77	110

## SANTEE RIVER BASIN

02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	96	91	93	129	123	127	97	79	91	122	110	116
2	99	90	94	132	109	124	100	88	91	120	111	117
3	108	99	104	124	113	119	97	88	93	124	118	121
4	112	103	109	121	102	106	104	96	101	134	119	126
5	120	110	114	109	99	103	105	101	103	134	112	126
6	122	87	115	109	98	103	106	96	101	116	107	112
7	108	85	98	108	98	104	114	106	110	107	96	101
8	107	102	105	---	---	---	120	112	116	106	94	100
9	103	98	101	---	---	---	123	114	119	110	104	107
10	102	99	101	108	101	104	117	111	114	120	108	115
11	101	95	97	114	104	109	115	107	113	125	114	118
12	108	98	102	120	97	109	120	114	116	118	111	115
13	107	98	102	102	90	96	120	113	116	122	116	119
14	109	98	103	94	82	86	117	108	113	126	121	124
15	113	106	109	89	80	84	117	110	114	131	123	127
16	116	108	112	93	86	89	112	104	108	130	122	126
17	117	110	113	90	87	89	106	100	103	130	127	129
18	118	111	115	95	88	90	110	104	107	129	120	125
19	122	116	118	97	88	90	111	103	107	121	115	117
20	122	115	118	102	92	97	111	103	107	128	117	123
21	121	116	119	101	88	93	115	104	111	135	126	129
22	120	113	116	98	90	92	120	113	117	136	127	131
23	123	116	120	97	92	95	124	112	118	144	132	136
24	125	121	122	98	94	96	122	110	114	143	134	138
25	130	122	125	102	94	99	119	113	116	138	127	132
26	132	125	127	---	---	---	124	113	118	150	126	136
27	142	121	127	---	---	---	129	122	125	161	150	156
28	141	117	126	106	94	99	132	121	125	159	153	155
29	---	---	---	113	102	107	137	127	132	156	150	153
30	---	---	---	111	102	107	128	119	123	163	154	157
31	---	---	---	109	79	104	---	---	---	159	149	154
MONTH	142	85	111	---	---	---	137	79	111	163	94	127
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	162	148	153	212	204	207	258	249	252	266	242	252
2	157	151	153	212	205	210	258	229	244	277	254	267
3	159	154	157	241	206	218	242	233	238	288	271	276
4	162	157	160	243	238	241	264	238	251	286	272	274
5	166	157	161	242	213	229	280	259	269	297	273	283
6	166	157	161	230	221	227	275	230	250	304	292	297
7	159	152	157	221	203	210	259	244	254	309	280	293
8	166	156	159	203	186	194	262	244	254	280	265	273
9	176	157	169	189	170	177	273	258	264	274	264	267
10	168	162	164	179	171	174	271	255	260	304	265	280
11	164	155	159	208	179	193	272	259	264	315	296	303
12	180	160	174	211	200	206	280	241	262	323	300	305
13	180	164	170	202	191	199	297	280	287	323	287	303
14	165	158	162	191	176	184	293	278	285	302	265	283
15	159	154	157	177	161	169	294	275	288	280	253	264
16	156	148	151	189	160	171	292	267	278	260	224	242
17	157	150	154	176	171	173	273	247	261	239	225	232
18	167	156	162	194	172	183	267	248	253	229	138	179
19	199	167	180	206	192	199	297	267	285	138	111	120
20	195	183	188	217	201	209	301	265	288	216	127	184
21	202	191	197	225	213	220	265	205	222	244	216	233
22	203	199	201	233	221	227	211	202	208	254	221	236
23	214	199	205	233	214	224	208	201	204	225	209	217
24	218	210	213	238	212	224	214	201	208	225	208	213
25	217	201	211	236	218	229	226	198	214	212	203	206
26	205	195	199	246	223	235	230	216	223	226	203	212
27	203	196	200	251	237	242	217	198	212	232	204	218
28	208	197	201	240	227	235	229	215	221	222	188	205
29	208	198	202	232	219	227	232	217	227	246	163	201
30	212	203	208	232	201	213	233	221	227	178	127	146
31	---	---	---	251	203	223	243	232	236	---	---	---
MONTH	218	148	176	251	160	209	301	198	248	323	111	242

SANTEE RIVER BASIN

02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	6.8	6.5	6.9	6.4	6.8	6.5	7.3	6.3	7.0	6.2	7.5	6.3
2	6.9	6.1	7.1	6.7	6.8	6.5	7.0	6.3	7.1	6.3	7.1	6.4
3	7.1	6.0	7.2	6.2	7.0	6.5	7.1	6.8	7.0	6.2	7.1	6.6
4	6.8	5.9	7.6	5.6	6.9	6.4	7.5	6.8	7.1	6.3	7.0	6.8
5	6.8	5.7	7.6	5.7	7.1	6.5	7.6	6.8	7.0	6.2	6.9	6.5
6	7.0	6.1	7.6	5.8	7.1	6.1	7.0	6.8	7.1	6.3	7.1	6.4
7	7.3	6.8	7.5	5.6	7.1	6.6	7.5	6.8	7.0	6.7	7.4	6.4
8	7.3	7.0	7.4	5.6	6.8	6.5	7.2	6.8	7.0	6.9	6.6	6.3
9	7.3	6.4	7.4	5.5	7.1	6.5	7.3	6.8	6.9	6.9	7.1	6.4
10	7.2	6.3	7.3	5.4	6.7	6.4	7.4	6.8	6.9	6.8	7.4	6.5
11	7.3	6.7	7.5	5.2	7.0	6.6	7.3	6.8	7.0	6.4	6.9	6.4
12	6.9	6.5	7.6	5.2	6.8	6.6	7.3	6.8	7.3	6.4	6.7	6.2
13	7.2	6.4	7.7	5.4	6.7	6.5	7.0	6.8	7.3	6.6	6.8	6.1
14	7.2	6.6	7.5	5.3	6.6	6.5	7.2	6.8	7.3	6.6	6.7	6.6
15	7.3	6.9	7.4	5.3	6.6	6.5	7.6	6.8	7.5	6.6	6.7	6.6
16	7.5	6.9	7.8	5.4	6.7	6.5	7.8	6.8	7.4	6.7	6.8	6.3
17	7.3	5.8	7.8	5.5	6.7	6.5	7.9	6.9	7.9	6.6	6.8	6.7
18	7.4	5.8	7.9	5.4	6.9	6.7	7.9	6.8	7.5	6.5	6.8	6.3
19	6.7	6.4	7.6	5.4	6.8	6.7	7.1	6.7	6.9	6.5	6.8	6.4
20	6.8	6.4	7.5	5.5	6.9	6.7	7.0	6.7	7.3	6.5	6.9	6.7
21	7.1	6.4	7.7	5.3	6.9	6.6	6.8	6.6	7.6	6.4	7.0	6.5
22	6.9	6.4	7.8	6.3	6.8	6.6	6.7	6.6	7.1	6.4	7.0	6.9
23	7.0	6.4	7.4	6.3	6.9	6.7	6.8	6.6	7.7	6.5	7.1	6.5
24	7.5	6.5	6.9	6.7	7.0	6.7	6.8	6.6	7.2	6.3	7.1	6.6
25	7.2	6.7	6.8	6.6	7.1	6.7	6.6	6.5	7.4	6.3	7.2	6.5
26	7.6	6.4	6.7	6.5	7.1	6.7	6.5	6.5	7.7	6.4	7.1	6.6
27	7.2	6.0	6.6	6.5	7.2	6.7	6.6	6.5	8.0	6.1	7.3	6.6
28	6.9	5.5	6.8	6.5	7.2	6.6	6.7	6.3	7.7	6.3	7.0	6.4
29	6.9	5.4	6.6	6.5	7.0	6.5	6.7	6.2	---	---	7.1	6.3
30	6.8	5.3	6.6	6.5	7.1	6.5	6.9	6.7	---	---	7.1	6.3
31	7.0	5.6	---	---	7.0	6.4	6.9	6.3	---	---	6.6	6.2
MONTH	7.6	5.3	7.9	5.2	7.2	6.1	7.9	6.2	8.0	6.1	7.5	6.1

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	6.5	6.3	7.2	6.7	7.8	6.7	7.5	7.1	7.9	7.4	7.5	7.3
2	---	---	7.2	6.8	7.1	6.8	7.3	7.1	7.7	7.1	7.5	7.3
3	---	---	7.0	6.7	7.5	6.8	7.6	7.1	7.6	7.0	7.6	7.3
4	---	---	6.9	6.7	7.4	6.8	7.8	7.2	7.7	6.8	7.7	7.3
5	---	---	6.9	6.8	7.1	6.8	7.5	7.2	7.9	6.9	7.7	7.3
6	---	---	6.9	6.6	7.0	6.8	7.6	7.2	7.3	6.5	7.9	7.3
7	---	---	6.8	6.7	7.0	6.7	7.6	7.1	7.4	6.6	7.8	7.3
8	---	---	6.9	6.7	7.2	6.8	7.2	7.0	7.5	7.0	7.9	7.2
9	7.3	7.0	6.9	6.7	7.4	6.8	7.1	6.9	7.6	7.3	8.0	7.2
10	7.5	6.9	7.0	6.6	7.4	6.5	7.8	6.9	7.5	7.2	8.0	7.2
11	8.1	7.3	6.9	6.6	7.7	6.9	7.6	6.8	7.6	7.2	7.9	7.5
12	7.4	7.2	6.9	6.6	8.0	6.8	7.5	7.1	7.5	7.1	8.0	7.5
13	7.5	7.2	6.9	6.6	7.6	6.9	7.5	6.6	7.8	7.1	7.7	7.0
14	7.6	6.9	7.0	6.6	7.4	6.8	7.2	6.5	7.7	7.0	7.5	6.7
15	7.6	6.9	6.8	6.5	7.6	6.8	7.0	6.3	7.8	7.0	7.5	7.2
16	7.8	7.2	6.9	6.5	7.6	6.8	7.6	6.4	7.9	7.3	7.4	7.1
17	7.4	6.4	6.9	6.5	7.6	6.8	7.4	7.0	7.7	7.2	7.2	7.0
18	7.9	6.7	6.7	6.5	7.6	6.8	7.7	6.9	7.4	7.0	7.1	6.9
19	7.3	7.0	6.9	6.6	7.9	6.8	7.6	6.8	7.6	7.0	6.9	6.6
20	7.3	6.5	7.0	6.7	8.1	7.1	7.7	6.9	7.5	7.2	7.1	6.7
21	7.3	6.1	6.9	6.7	8.2	7.2	7.7	6.9	7.3	6.8	7.2	7.0
22	6.9	5.8	7.1	6.7	7.8	7.2	7.8	6.9	7.5	7.0	7.2	7.0
23	7.3	5.4	7.3	6.7	7.8	6.9	7.6	7.1	7.6	7.0	7.1	6.8
24	6.7	5.4	7.8	6.6	7.9	7.0	7.6	7.0	7.4	6.9	6.8	6.5
25	7.0	5.2	8.1	6.7	7.8	6.9	7.5	7.2	7.4	6.9	6.7	6.6
26	6.8	5.3	7.5	6.6	7.9	7.2	7.6	7.2	7.3	6.9	6.9	6.7
27	6.6	5.1	7.7	6.7	7.7	7.0	7.6	7.2	7.0	6.7	6.9	6.6
28	6.7	5.3	7.9	6.7	7.4	7.0	7.8	7.3	7.1	6.8	6.9	6.8
29	7.2	5.3	7.8	6.7	7.7	7.2	7.5	7.3	7.2	7.0	6.9	6.6
30	7.1	6.7	7.3	6.8	7.7	7.2	7.3	7.1	7.3	7.0	6.6	6.4
31	---	---	7.2	6.7	---	---	7.8	7.2	7.4	7.1	---	---
MONTH	---	---	8.1	6.5	8.2	6.5	7.8	6.3	7.9	6.5	8.0	6.4



## SANTEE RIVER BASIN

02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	19.7	17.1	18.5	14.4	12.0	13.4	16.3	14.8	15.4	6.0	4.5	5.2
2	19.9	17.2	18.7	14.5	12.8	13.7	15.4	13.8	14.6	4.8	3.3	4.0
3	20.3	17.5	19.1	16.2	13.8	15.0	14.8	13.1	13.9	3.5	3.0	3.3
4	20.8	17.9	19.5	16.2	14.6	15.2	13.7	12.0	12.9	3.9	2.0	3.0
5	20.4	18.5	19.7	15.7	13.3	14.5	13.7	11.7	12.7	4.1	1.9	3.0
6	20.2	18.8	19.6	15.0	12.3	13.7	13.8	11.6	12.7	3.2	2.7	3.0
7	19.6	17.2	18.5	14.8	12.1	13.5	13.6	11.8	12.8	4.2	2.3	3.2
8	18.5	16.4	17.5	14.4	12.0	13.3	13.5	12.3	12.9	3.8	2.4	3.0
9	18.0	15.6	16.8	14.4	11.8	13.2	13.7	12.2	13.0	4.5	2.5	3.4
10	18.0	15.6	17.0	13.9	11.4	12.8	13.2	12.0	12.4	5.8	3.5	4.4
11	18.2	16.1	17.4	13.5	11.1	12.4	12.3	11.5	11.9	6.0	4.4	5.1
12	18.5	17.2	17.9	13.3	11.2	12.2	11.9	11.1	11.5	6.0	4.7	5.4
13	19.3	17.4	18.5	12.6	10.3	11.6	12.0	11.2	11.6	6.3	5.0	5.8
14	19.5	18.1	18.8	12.2	10.2	11.3	13.1	11.8	12.5	6.4	5.5	6.0
15	20.1	17.6	18.9	11.8	10.3	11.1	13.2	11.8	12.5	6.8	5.1	6.0
16	19.4	17.2	18.2	12.4	9.8	11.2	12.6	11.3	12.0	6.7	5.0	5.8
17	18.3	15.9	17.1	12.7	10.2	11.5	12.6	11.8	12.2	7.0	4.9	6.0
18	16.9	15.0	15.9	12.6	10.3	11.4	13.2	11.6	12.4	7.4	5.7	6.5
19	16.8	14.2	15.5	12.9	10.6	11.7	11.9	10.6	11.2	6.6	6.0	6.4
20	16.8	14.2	15.7	12.2	10.8	11.5	11.3	9.4	10.6	7.1	6.0	6.5
21	17.2	14.6	16.1	12.0	9.9	11.0	10.0	8.4	9.2	6.7	6.0	6.3
22	18.1	15.5	17.0	11.6	9.4	10.6	8.9	7.3	8.1	7.2	6.0	6.7
23	18.8	16.8	17.8	11.5	9.8	10.7	8.3	7.3	7.9	7.5	6.7	7.0
24	19.7	16.9	18.5	11.7	11.3	11.5	8.8	7.2	8.0	8.4	7.3	7.8
25	20.8	18.5	19.4	12.7	11.6	12.2	7.8	6.3	7.1	9.3	8.4	8.9
26	19.2	16.8	17.9	14.3	12.3	13.4	7.6	6.0	6.7	9.0	8.4	8.8
27	16.9	14.8	15.9	14.7	13.2	14.0	7.3	5.6	6.3	8.7	7.9	8.4
28	15.8	13.5	14.6	15.1	13.4	14.3	6.3	4.6	5.5	9.0	7.9	8.4
29	14.8	12.3	13.7	15.4	13.8	14.6	6.4	5.1	5.7	9.9	8.5	9.2
30	14.5	11.7	13.2	15.6	14.9	15.2	6.2	4.8	5.5	11.0	9.8	10.2
31	14.1	11.5	12.9	---	---	---	5.8	4.9	5.4	12.0	11.0	11.5
MONTH	20.8	11.5	17.3	16.2	9.4	12.7	16.3	4.6	10.6	12.0	1.9	6.1
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	13.2	11.8	12.5	9.8	7.1	8.6	17.7	16.4	17.1	22.9	21.2	22.1
2	13.3	11.7	12.5	8.7	8.3	8.4	18.3	16.3	17.3	24.7	22.0	23.3
3	12.1	11.2	11.7	8.8	8.0	8.4	19.5	17.5	18.3	23.8	22.8	23.2
4	11.7	9.5	10.6	8.8	7.9	8.3	19.0	17.7	18.4	22.8	20.2	21.3
5	9.6	8.6	9.1	8.9	7.2	8.0	19.8	17.0	18.4	20.9	19.0	20.0
6	8.7	6.9	8.0	8.2	7.3	7.8	19.2	16.6	17.5	20.9	18.1	19.5
7	7.3	6.7	7.1	10.1	7.8	8.7	18.5	15.2	16.9	22.7	19.6	21.1
8	7.3	6.5	7.0	12.5	8.4	10.5	18.9	15.4	17.2	24.0	20.7	22.5
9	7.6	6.4	7.1	12.7	9.8	11.3	18.0	16.4	17.3	25.9	22.5	24.2
10	8.4	7.5	8.0	14.2	11.4	12.8	18.6	17.2	17.9	26.8	24.1	25.5
11	9.6	8.0	8.6	13.6	11.0	12.4	20.8	18.1	19.3	25.7	24.1	24.8
12	10.2	8.3	9.1	12.6	11.8	12.1	20.1	19.2	19.6	25.6	23.8	24.8
13	9.9	8.2	8.9	11.9	11.1	11.5	20.1	19.3	19.6	26.4	24.2	25.2
14	10.5	8.1	9.0	12.1	10.5	11.3	20.7	18.9	19.7	25.1	22.7	24.0
15	10.1	7.9	8.9	14.1	11.7	12.9	22.8	19.8	21.1	24.4	22.4	23.4
16	11.0	8.5	9.6	16.0	13.7	14.9	23.9	20.4	22.2	23.9	22.0	22.9
17	10.9	8.4	9.6	16.2	15.6	15.9	24.3	21.6	22.9	24.5	21.3	23.0
18	10.4	8.2	9.2	15.8	14.8	15.2	25.8	22.7	24.1	23.7	21.6	22.8
19	10.0	7.7	9.0	15.3	14.6	15.0	26.2	23.6	24.7	21.9	20.4	21.1
20	10.3	9.0	9.6	15.4	14.5	15.0	27.1	24.2	25.7	22.1	19.5	20.9
21	12.1	9.3	10.5	15.5	14.6	15.0	27.2	24.3	25.8	21.1	19.6	20.1
22	12.0	10.0	11.0	14.9	13.7	14.2	26.3	24.5	25.4	20.7	18.4	19.7
23	11.4	10.2	10.7	13.9	12.3	13.2	25.1	22.7	24.1	21.3	17.7	19.9
24	11.5	9.2	10.3	13.7	12.0	13.0	24.4	22.5	23.5	22.5	19.1	21.1
25	12.0	8.7	10.4	16.1	13.1	14.6	24.2	22.4	23.2	23.4	19.7	21.9
26	11.5	9.6	10.5	17.0	14.0	15.6	22.8	20.6	21.9	24.4	21.4	22.9
27	11.2	9.5	10.2	17.9	15.3	16.4	21.9	20.4	21.2	25.1	22.3	23.9
28	10.4	8.0	9.3	17.0	15.3	16.2	22.7	20.8	21.8	26.3	23.1	24.9
29	---	---	---	16.9	15.3	16.0	24.5	21.4	22.9	26.6	24.2	25.7
30	---	---	---	16.6	15.4	16.1	23.0	21.2	22.3	26.1	25.2	25.7
31	---	---	---	17.1	16.0	16.6	---	---	---	27.6	24.9	26.3
MONTH	13.3	6.4	9.6	17.9	7.1	12.8	27.2	15.2	20.9	27.6	17.7	22.8



## SANTEE RIVER BASIN

02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

## OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	8.9	8.1	8.5	11.5	9.6	10.4	9.8	8.9	9.2	11.9	11.1	11.4
2	9.2	8.2	8.6	11.3	9.3	10.1	9.9	8.8	9.3	11.2	10.7	10.9
3	9.3	8.1	8.6	11.4	9.1	10.0	10.4	9.0	9.6	12.3	11.0	11.7
4	9.6	8.0	8.6	11.2	8.8	9.8	10.6	9.3	9.6	13.5	11.6	12.5
5	9.5	8.0	8.6	10.4	8.8	9.4	10.8	9.6	10.1	13.0	11.0	11.8
6	8.5	7.9	8.1	10.5	8.3	9.3	11.2	9.6	10.2	12.7	11.3	12.3
7	9.4	8.0	8.6	10.5	8.3	9.2	11.0	9.7	10.2	12.3	10.3	11.0
8	9.7	8.3	8.9	10.8	8.5	9.5	10.4	9.6	9.9	10.9	9.5	10.2
9	10.0	8.6	9.2	10.6	8.6	9.4	10.9	9.6	10.1	10.9	9.3	9.9
10	10.3	8.8	9.4	10.8	8.6	9.5	10.0	9.5	9.8	10.7	9.3	9.7
11	10.4	8.8	9.5	10.9	8.8	9.6	10.7	9.6	10.1	12.3	9.4	10.7
12	10.1	8.6	9.2	10.9	8.9	9.7	10.7	9.4	10.0	13.4	9.0	10.4
13	9.9	8.7	9.2	11.2	9.0	9.9	10.3	9.4	9.8	13.5	9.3	11.2
14	9.2	8.4	8.7	11.2	9.2	10.0	10.1	9.6	9.8	11.7	9.4	11.0
15	10.0	8.5	9.1	11.0	9.1	9.9	10.1	9.5	9.8	11.8	9.5	10.6
16	9.8	8.5	8.9	11.5	9.2	10.1	10.8	9.7	10.4	10.3	9.4	9.8
17	9.3	8.6	8.9	11.7	9.2	10.2	10.3	9.7	10.0	10.5	9.5	10.0
18	9.9	8.9	9.2	11.7	9.2	10.3	10.4	9.6	10.0	10.5	9.5	10.0
19	10.1	9.0	9.5	12.2	9.6	10.6	10.6	10.0	10.2	---	---	---
20	10.2	9.0	9.5	11.6	9.4	10.2	10.7	10.0	10.4	---	---	---
21	10.6	9.1	9.7	11.8	9.5	10.5	11.3	10.4	10.8	---	---	---
22	10.6	9.1	9.7	12.5	10.0	11.0	11.5	10.7	11.1	---	---	---
23	10.3	8.6	9.3	12.1	10.1	10.8	11.6	11.0	11.3	---	---	---
24	10.1	8.4	9.0	11.0	9.8	10.2	11.8	11.2	11.5	11.1	10.5	10.8
25	9.8	7.9	8.7	10.5	9.9	10.2	12.0	11.3	11.6	10.5	10.3	10.4
26	10.0	8.2	8.8	10.4	9.3	9.8	12.0	11.3	11.7	10.4	10.3	10.4
27	9.7	8.2	8.8	9.7	9.1	9.4	12.4	11.4	11.9	10.5	10.4	10.5
28	10.2	8.7	9.3	10.3	9.1	9.6	12.4	11.6	12.0	10.5	10.3	10.4
29	10.7	8.7	9.7	9.7	9.2	9.4	12.3	11.6	11.9	10.6	10.2	10.4
30	11.0	9.2	9.9	9.4	9.0	9.2	12.5	11.6	12.0	10.4	9.9	10.2
31	11.4	9.5	10.2	---	---	---	12.2	11.4	11.8	10.1	9.7	9.9
MONTH	11.4	7.9	9.1	12.5	8.3	9.9	12.5	8.8	10.5	---	---	---
DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	9.8	9.5	9.6	10.2	9.0	9.6	8.6	8.4	8.5	7.6	6.6	7.0
2	9.9	9.4	9.6	9.8	9.2	9.5	8.7	8.4	8.6	7.7	6.5	7.0
3	9.8	9.4	9.5	9.6	9.2	9.4	8.9	8.2	8.5	7.3	6.4	6.7
4	10.4	9.4	9.9	9.3	9.1	9.2	9.1	8.2	8.6	6.9	6.4	6.7
5	11.2	9.9	10.6	9.8	9.1	9.4	9.3	8.2	8.7	7.2	6.6	6.8
6	10.7	10.2	10.5	9.9	9.4	9.7	9.6	8.3	8.8	7.6	7.0	7.3
7	10.9	10.5	10.7	10.2	9.4	9.7	10.3	8.6	9.2	7.4	7.0	7.1
8	10.9	10.8	10.8	10.4	9.0	9.6	10.4	8.6	9.3	7.3	6.7	7.1
9	10.9	10.8	10.8	9.5	8.7	9.1	9.9	8.5	9.1	7.4	6.4	6.9
10	10.8	10.5	10.6	9.9	8.5	9.1	9.5	8.4	8.8	7.4	6.4	6.9
11	10.9	10.3	10.6	9.6	8.3	8.9	10.3	8.1	9.0	7.3	6.2	6.7
12	11.0	10.2	10.5	9.1	8.5	8.7	8.6	7.9	8.2	7.1	6.3	6.6
13	11.1	10.2	10.5	8.9	8.6	8.7	8.3	7.9	8.0	7.2	6.4	6.7
14	11.4	10.3	10.7	8.9	8.7	8.8	8.8	7.9	8.2	7.5	6.4	6.9
15	11.2	10.3	10.6	8.8	8.5	8.6	9.4	7.6	8.4	7.4	6.5	6.9
16	11.2	10.2	10.6	8.5	8.2	8.4	9.4	7.5	8.3	7.4	6.5	7.0
17	11.6	10.1	10.7	8.3	8.0	8.2	8.4	7.1	7.6	7.7	6.7	7.2
18	11.3	10.2	10.6	8.8	8.1	8.2	9.0	6.8	7.6	7.0	6.6	6.8
19	11.2	9.9	10.5	8.8	8.3	8.4	8.5	6.6	7.4	7.8	6.8	7.3
20	10.4	9.5	9.9	8.6	8.4	8.5	8.5	6.5	7.3	7.8	7.1	7.4
21	10.9	9.4	10.0	8.7	8.4	8.5	7.8	6.3	6.9	7.7	7.0	7.3
22	10.7	9.1	9.7	8.9	8.5	8.8	7.9	6.2	6.9	8.3	7.3	7.8
23	10.6	8.9	9.6	9.4	8.8	9.1	8.8	6.4	7.5	8.6	7.4	7.9
24	10.7	8.9	9.7	9.8	9.0	9.4	7.9	6.7	7.2	8.9	7.3	8.0
25	11.0	8.9	9.8	9.9	9.1	9.5	8.0	6.8	7.4	9.1	7.1	8.0
26	10.2	8.9	9.4	9.5	8.8	9.0	8.0	7.1	7.5	8.6	7.2	7.7
27	10.5	8.8	9.4	9.5	8.6	9.0	7.8	7.0	7.3	8.7	6.8	7.6
28	10.9	9.0	9.8	9.9	8.6	9.1	8.1	7.2	7.6	8.4	6.5	7.3
29	---	---	---	9.8	8.7	9.1	8.1	6.9	7.4	8.4	6.3	7.2
30	---	---	---	9.1	8.7	8.9	7.4	6.6	7.1	7.3	6.0	6.7
31	---	---	---	8.9	8.3	8.7	---	---	---	7.2	6.2	6.6
MONTH	11.6	8.8	10.2	10.4	8.0	9.0	10.4	6.2	8.0	9.1	6.0	7.1

02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	7.6	6.0	6.7	7.0	5.8	6.2	7.2	5.5	6.2	7.5	6.7	7.0
2	6.8	5.7	6.2	6.8	5.7	6.2	7.1	5.6	6.1	7.5	6.7	7.0
3	7.7	5.6	6.5	7.4	5.7	6.4	7.1	5.6	6.2	7.4	6.6	6.9
4	7.4	5.8	6.4	7.6	5.7	6.4	7.5	5.8	6.5	7.6	6.5	6.9
5	6.9	5.6	6.0	6.8	5.7	6.2	7.8	5.8	6.7	7.7	6.3	6.8
6	6.2	5.6	5.8	6.9	5.4	6.1	6.7	6.1	6.3	7.7	6.4	6.9
7	6.5	5.7	6.0	7.1	5.5	6.2	7.8	6.1	6.9	7.7	6.4	6.9
8	7.0	5.9	6.4	6.6	5.8	6.0	8.7	6.7	7.5	7.8	6.5	7.0
9	7.2	6.1	6.5	6.4	5.6	6.0	9.0	6.8	7.7	7.9	6.4	7.0
10	7.4	6.0	6.6	6.6	5.8	6.2	9.3	6.9	7.8	8.0	6.4	7.0
11	7.7	6.0	6.8	6.9	5.7	6.2	9.0	7.0	7.9	8.5	6.3	7.1
12	7.8	6.1	6.8	7.1	5.9	6.4	9.0	6.7	7.7	8.5	6.1	7.1
13	7.8	6.1	6.8	7.2	6.1	6.6	9.1	6.8	7.7	8.1	6.2	7.0
14	7.5	5.9	6.5	6.8	6.0	6.3	8.7	6.8	7.5	7.2	6.1	6.5
15	7.7	6.0	6.7	6.6	6.0	6.2	8.5	6.5	7.2	7.2	6.1	6.5
16	8.0	6.0	6.8	7.7	6.1	6.8	8.6	6.4	7.2	7.1	6.2	6.4
17	7.8	6.1	6.8	7.2	6.1	6.6	7.8	6.2	6.7	6.4	6.0	6.2
18	7.9	6.1	6.9	7.5	5.9	6.6	6.8	6.0	6.3	6.2	6.0	6.2
19	8.4	6.2	7.1	7.6	6.0	6.6	6.7	5.8	6.1	6.3	6.0	6.2
20	8.4	6.4	7.2	7.5	5.9	6.5	6.5	5.8	6.1	6.3	5.9	6.1
21	8.5	6.5	7.3	7.6	5.9	6.5	6.1	5.6	5.8	6.9	5.9	6.5
22	7.9	6.4	7.0	7.6	5.8	6.5	6.2	5.6	5.8	7.1	6.4	6.7
23	8.0	6.2	7.0	7.3	5.8	6.4	---	---	---	7.3	6.5	6.9
24	8.0	6.4	7.1	6.9	5.7	6.3	---	---	---	8.6	6.7	7.8
25	7.9	6.3	6.9	7.0	5.8	6.2	---	---	---	8.1	7.4	7.7
26	7.6	6.0	6.7	7.0	5.8	6.3	---	---	---	7.7	7.4	7.5
27	7.4	5.8	6.5	7.2	5.8	6.3	6.6	6.0	6.2	7.6	6.5	7.1
28	7.2	5.9	6.5	7.2	5.8	6.4	6.7	6.0	6.4	7.1	6.4	6.8
29	7.3	5.9	6.5	6.6	5.6	6.1	7.1	6.3	6.6	6.8	6.6	6.7
30	7.3	5.8	6.4	6.4	5.6	5.9	6.9	6.5	6.7	7.3	6.7	7.0
31	---	---	---	6.9	5.5	6.1	7.2	6.6	6.8	---	---	---
MONTH	8.5	5.6	6.6	7.7	5.4	6.3	---	---	---	8.6	5.9	6.8

## SANTEE RIVER BASIN

02157470 MIDDLE TYGER RIVER NEAR GRAMLING, SC

LOCATION.--Lat 35°02'20"', long 82°13'07"', Spartanburg County, Hydrologic Unit 03050107, on downstream side of County Road 75 bridge, approximately 5.5 mi southwest of Gramling, and 1.5 mi upstream of Lyman Lake.

DRAINAGE AREA.--34.7 mi<sup>2</sup>.

PERIOD OF RECORD.--February 2002 to September 2002.

GAGE.--Data collection platform. Elevation of gage is 860 ft above NGVD of 1929 (from topographic map).

REMARKS.--Records good, except for daily discharges above 50 ft<sup>3</sup>/s, which are poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

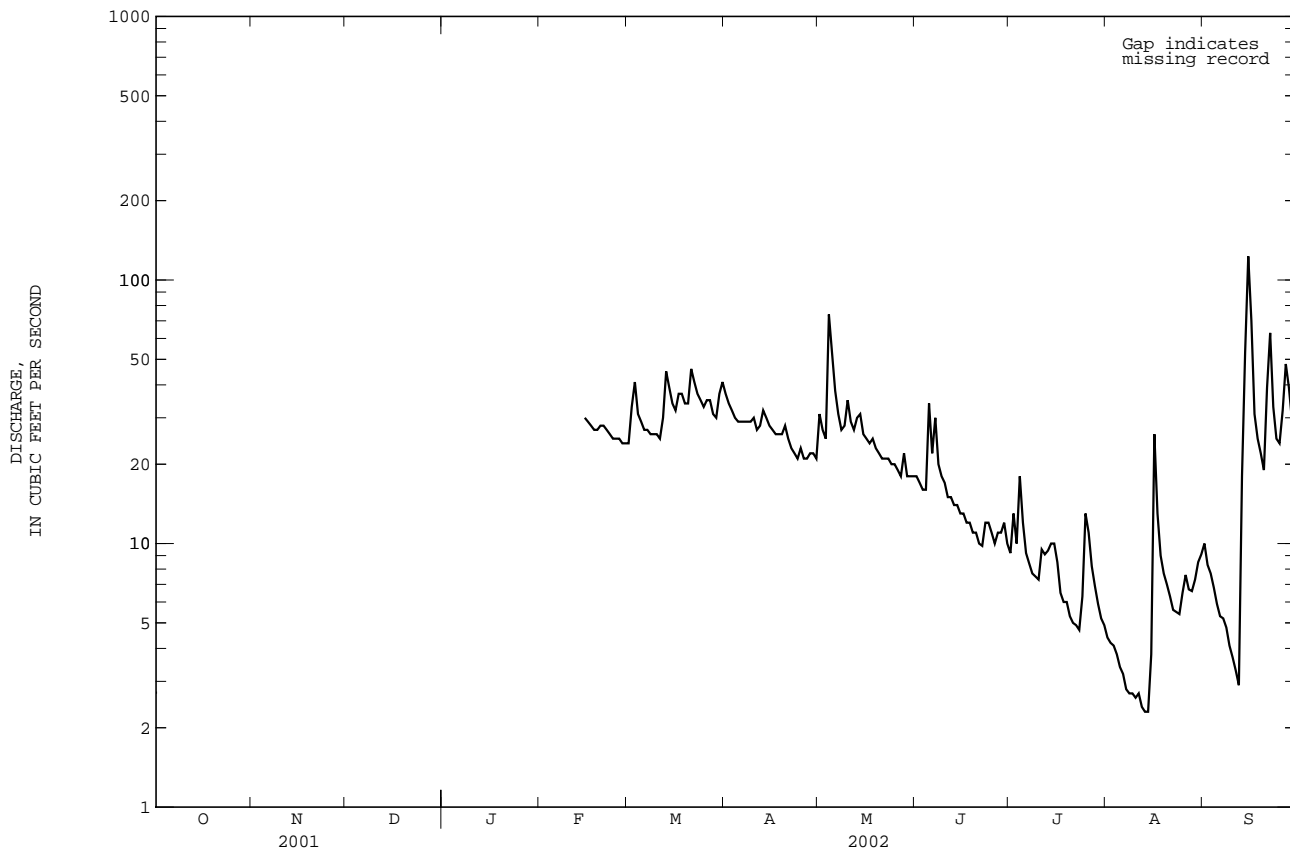
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	24	37	31	18	9.2	4.4	10
2	---	---	---	---	---	33	34	27	17	13	4.2	8.3
3	---	---	---	---	---	41	32	25	16	10	4.1	7.7
4	---	---	---	---	---	31	30	74	16	18	3.8	6.8
5	---	---	---	---	---	29	29	53	34	12	3.4	5.9
6	---	---	---	---	---	27	29	38	22	9.2	3.2	5.3
7	---	---	---	---	---	27	29	31	30	8.4	2.8	5.2
8	---	---	---	---	---	26	29	27	20	7.7	2.7	4.8
9	---	---	---	---	---	26	29	28	18	7.5	2.7	4.1
10	---	---	---	---	---	26	30	35	17	7.3	2.6	3.7
11	---	---	---	---	---	25	27	29	e15	9.5	2.7	3.3
12	---	---	---	---	---	30	28	27	e15	9.1	2.4	2.9
13	---	---	---	---	---	45	32	30	e14	9.4	2.3	18
14	---	---	---	---	---	39	30	31	e14	10	2.3	53
15	---	---	---	---	30	34	28	26	e13	10	3.8	123
16	---	---	---	---	29	32	27	25	e13	8.5	26	70
17	---	---	---	---	28	37	26	24	e12	6.5	13	31
18	---	---	---	---	27	37	26	25	12	6.0	9.0	25
19	---	---	---	---	27	34	26	23	11	6.0	7.7	22
20	---	---	---	---	28	34	28	22	11	5.3	7.0	19
21	---	---	---	---	28	46	25	21	10	5.0	6.3	39
22	---	---	---	---	27	41	23	21	9.8	4.9	5.6	63
23	---	---	---	---	26	37	22	21	12	4.7	5.5	33
24	---	---	---	---	25	35	21	20	12	6.3	5.4	25
25	---	---	---	---	25	33	23	20	11	13	6.5	24
26	---	---	---	---	25	35	21	19	10	11	7.6	32
27	---	---	---	---	24	35	21	18	11	8.2	6.7	48
28	---	---	---	---	24	31	22	22	11	6.9	6.6	39
29	---	---	---	---	---	30	22	18	12	5.9	7.3	29
30	---	---	---	---	---	37	21	18	10	5.2	8.5	25
31	---	---	---	---	---	41	---	18	---	4.9	9.1	---
TOTAL	---	---	---	---	---	1038	807	847	446.8	258.6	185.2	786.0
MEAN	---	---	---	---	---	33.5	26.9	27.3	14.9	8.34	5.97	26.2
MAX	---	---	---	---	---	46	37	74	34	18	26	123
MIN	---	---	---	---	---	24	21	18	9.8	4.7	2.3	2.9
CFSM	---	---	---	---	---	0.96	0.78	0.79	0.43	0.24	0.17	0.76
IN.	---	---	---	---	---	1.11	0.87	0.91	0.48	0.28	0.20	0.84

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

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	---	---	---	---	---	33.5	26.9	27.3	14.9	8.34	5.97	26.2
MAX	---	---	---	---	---	33.5	26.9	27.3	14.9	8.34	5.97	26.2
(WY)	---	---	---	---	---	2002	2002	2002	2002	2002	2002	2002
MIN	---	---	---	---	---	33.5	26.9	27.3	14.9	8.34	5.97	26.2
(WY)	---	---	---	---	---	2002	2002	2002	2002	2002	2002	2002

e Estimated

02157470 MIDDLE TYGER RIVER NEAR GRAMLING, SC--Continued



## 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 mi<sup>2</sup>.

PERIOD OF RECORD.--March 2002 to September 2002.

GAGE.--Data collection platform. Elevation of gage is 820 ft above NGVD of 1929 (from topographic map).

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

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

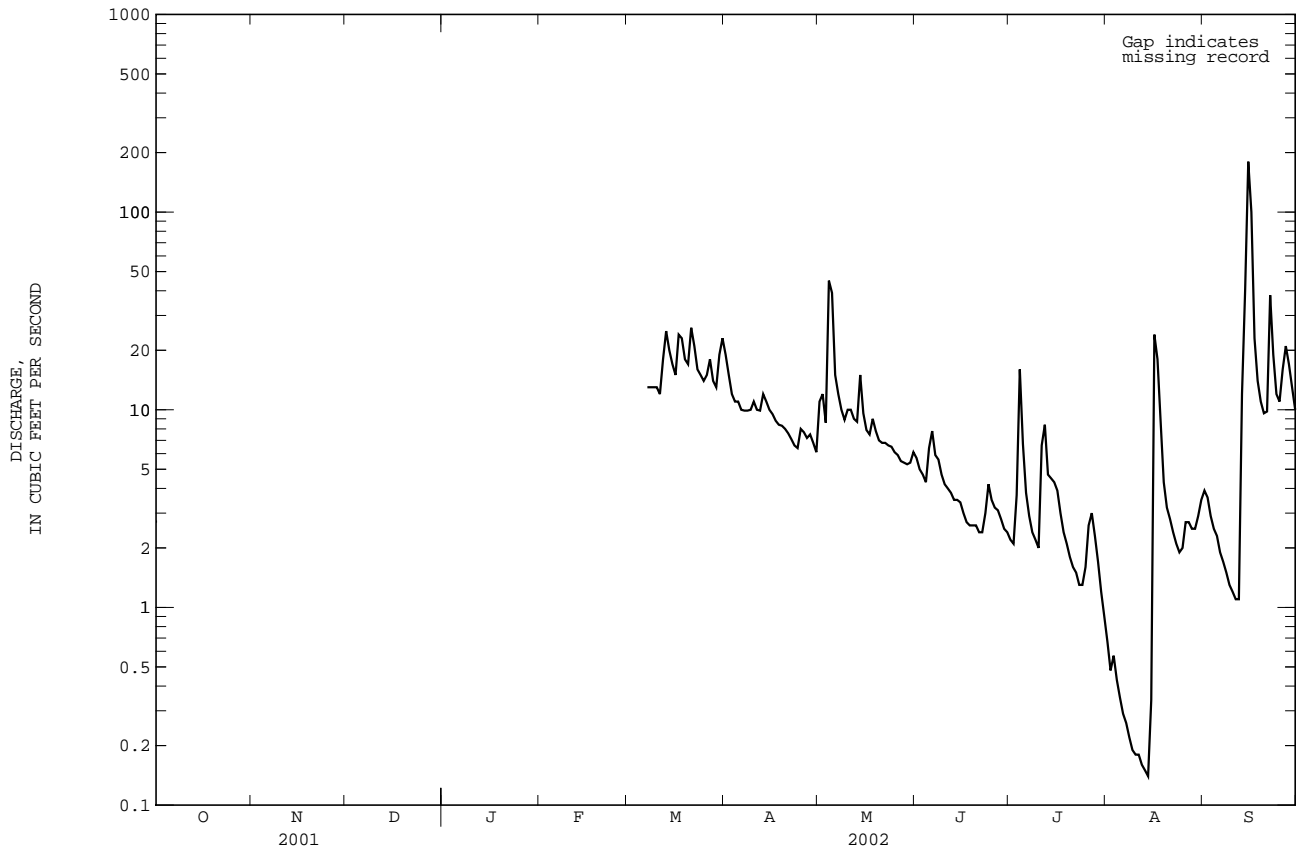
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	19	11	5.7	2.2	0.67	3.9
2	---	---	---	---	---	---	15	12	5.0	2.1	0.48	3.6
3	---	---	---	---	---	---	12	8.6	4.7	3.7	0.57	2.9
4	---	---	---	---	---	---	11	45	4.3	16	0.43	2.5
5	---	---	---	---	---	---	11	39	6.4	6.7	0.35	2.3
6	---	---	---	---	---	---	10	15	7.8	3.8	0.29	1.9
7	---	---	---	---	---	13	9.9	12	5.9	2.9	0.26	1.7
8	---	---	---	---	---	13	9.9	10	5.6	2.4	0.22	1.5
9	---	---	---	---	---	13	10	8.9	4.7	2.2	0.19	1.3
10	---	---	---	---	---	13	11	10	4.2	2.0	0.18	1.2
11	---	---	---	---	---	12	10	10	4.0	6.6	0.18	1.1
12	---	---	---	---	---	18	9.9	9.0	3.8	8.4	0.16	1.1
13	---	---	---	---	---	25	12	8.7	3.5	4.7	0.15	12
14	---	---	---	---	---	20	11	15	3.5	4.5	0.14	40
15	---	---	---	---	---	17	10	9.6	3.4	4.3	0.34	e180
16	---	---	---	---	---	15	9.5	7.9	3.0	3.9	24	e100
17	---	---	---	---	---	24	8.8	7.5	2.7	3.0	18	23
18	---	---	---	---	---	23	8.4	9.0	2.6	2.4	8.7	14
19	---	---	---	---	---	18	8.3	7.8	2.6	2.1	4.3	11
20	---	---	---	---	---	17	8.0	7.0	2.6	1.8	3.2	9.6
21	---	---	---	---	---	26	7.6	6.8	2.4	1.6	2.8	9.8
22	---	---	---	---	---	21	7.1	6.8	2.4	1.5	2.4	38
23	---	---	---	---	---	16	6.6	6.6	3.0	1.3	2.1	19
24	---	---	---	---	---	15	6.4	6.5	4.2	1.3	1.9	12
25	---	---	---	---	---	14	8.0	6.1	3.5	1.6	2.0	11
26	---	---	---	---	---	15	7.7	5.9	3.2	2.6	2.7	16
27	---	---	---	---	---	18	7.2	5.5	3.1	3.0	2.7	21
28	---	---	---	---	---	14	7.5	5.4	2.8	2.3	2.5	17
29	---	---	---	---	---	13	6.8	5.3	2.5	1.7	2.5	13
30	---	---	---	---	---	19	6.1	5.4	2.4	1.2	2.9	10
31	---	---	---	---	---	23	---	6.1	---	0.90	3.5	---
TOTAL	---	---	---	---	---	---	285.7	329.4	115.5	104.70	90.81	581.4
MEAN	---	---	---	---	---	---	9.52	10.6	3.85	3.38	2.93	19.4
MAX	---	---	---	---	---	---	19	45	7.8	16	24	180
MIN	---	---	---	---	---	---	6.1	5.3	2.4	0.90	0.14	1.1
CFSM	---	---	---	---	---	---	0.60	0.67	0.24	0.21	0.18	1.22
IN.	---	---	---	---	---	---	0.67	0.77	0.27	0.24	0.21	1.36

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

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	---	---	---	---	---	---	9.52	10.6	3.85	3.38	2.93	19.4
MAX	---	---	---	---	---	---	9.52	10.6	3.85	3.38	2.93	19.4
(WY)	---	---	---	---	---	---	2002	2002	2002	2002	2002	2002
MIN	---	---	---	---	---	---	9.52	10.6	3.85	3.38	2.93	19.4
(WY)	---	---	---	---	---	---	2002	2002	2002	2002	2002	2002

e Estimated

02157490 BEAVERDAM CREEK ABOVE GREER, SC--Continued





## 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 mi<sup>2</sup>.

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 fair, except for estimated daily discharges and those above 150 ft<sup>3</sup>/s, which are poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	19	18	31	30	62	36	82	36	19	4.9	9.0	e6.4
2	16	19	29	28	58	51	70	48	16	6.1	5.2	e6.0
3	13	25	24	30	57	96	61	47	12	8.4	8.0	e5.0
4	12	22	23	30	53	72	53	115	10	16	6.9	4.1
5	17	15	20	33	48	57	49	136	12	14	4.7	3.5
6	20	21	21	44	53	51	64	80	24	e4.6	3.7	2.6
7	19	13	23	61	95	49	38	58	23	e9.2	4.5	0.89
8	15	14	25	47	105	47	47	47	22	8.3	12	8.4
9	9.1	15	25	40	85	49	49	39	18	4.2	3.4	12
10	11	19	34	37	74	50	52	43	12	6.2	4.7	11
11	12	18	69	36	67	42	49	46	10	12	4.5	5.8
12	13	16	58	34	59	59	50	43	8.2	22	3.7	2.7
13	17	14	45	34	55	88	54	36	e5.3	8.6	3.3	17
14	42	16	46	35	51	81	57	43	e15	7.4	2.9	50
15	47	13	41	32	50	70	50	37	16	6.4	15	363
16	33	13	38	30	49	63	46	31	9.7	e5.0	45	156
17	25	16	39	29	47	74	42	29	6.5	e2.3	32	52
18	18	18	83	28	43	85	40	32	3.9	e2.6	12	43
19	16	19	78	53	44	71	36	29	4.5	e4.2	e2.5	40
20	17	26	58	144	47	66	38	26	4.4	12	e3.0	34
21	19	29	46	118	52	84	34	23	4.6	10	11	35
22	17	26	42	98	47	83	32	24	7.7	e5.0	1.2	79
23	15	30	45	153	44	66	28	22	12	e3.0	e0.90	72
24	16	83	46	263	43	61	25	20	10	e2.0	0.89	52
25	44	63	45	306	44	60	30	21	5.8	7.5	0.89	40
26	28	42	40	242	41	63	34	21	6.3	7.8	0.88	49
27	27	31	34	124	40	70	30	18	7.4	6.8	3.0	63
28	22	28	33	97	37	60	30	16	5.7	e3.5	0.75	70
29	15	25	35	84	---	54	28	16	6.1	e1.7	0.66	53
30	16	28	32	76	---	70	24	15	8.0	e1.7	3.2	41
31	16	---	29	68	---	93	---	18	---	e11	e8.0	---
TOTAL	626.1	735	1237	2464	1550	2021	1322	1215	325.1	224.4	217.37	1377.39
MEAN	20.2	24.5	39.9	79.5	55.4	65.2	44.1	39.2	10.8	7.24	7.01	45.9
MAX	47	83	83	306	105	96	82	136	24	22	45	363
MIN	9.1	13	20	28	37	36	24	15	3.9	1.7	0.66	0.89
CFSM	0.29	0.36	0.58	1.15	0.80	0.94	0.64	0.57	0.16	0.10	0.10	0.67
IN.	0.34	0.40	0.67	1.33	0.84	1.09	0.71	0.66	0.18	0.12	0.12	0.74

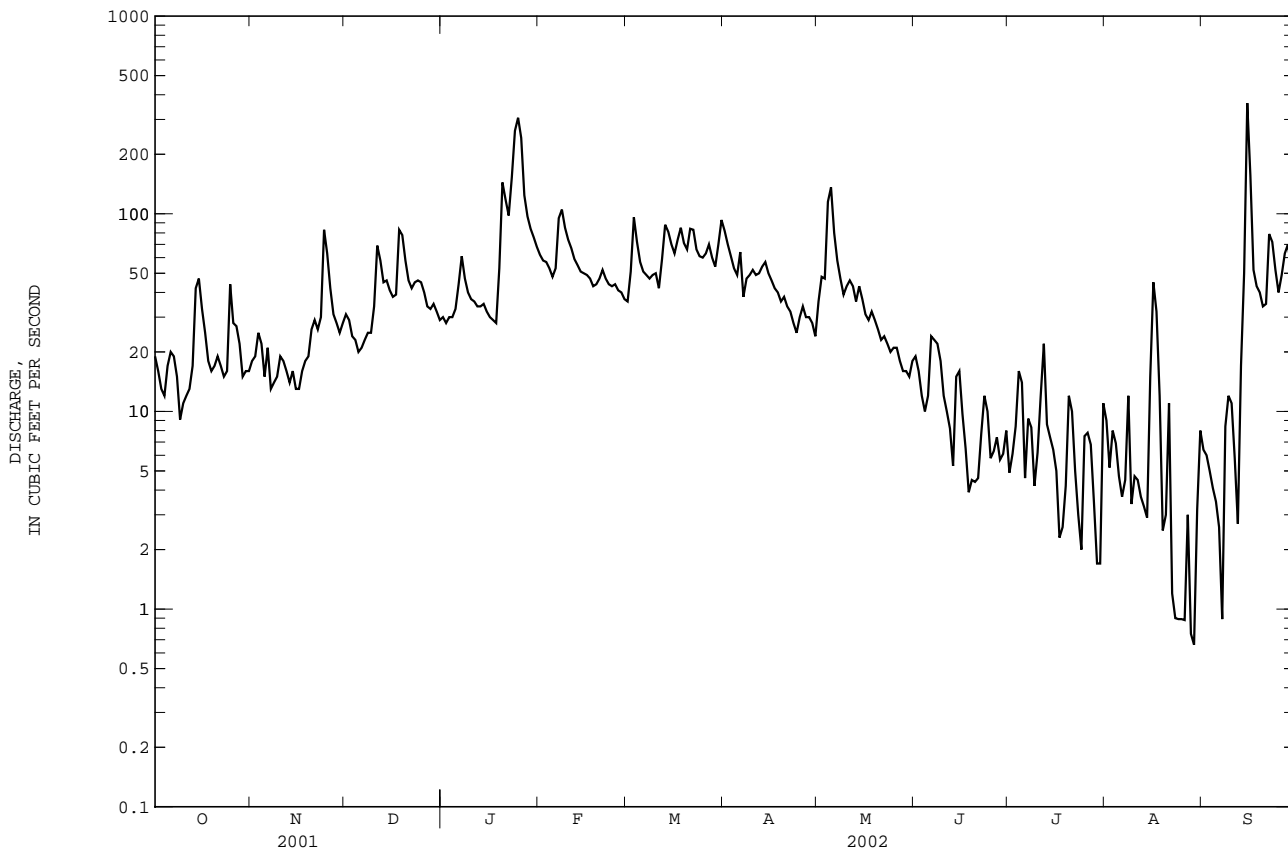
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2000 - 2002, BY WATER YEAR (WY)

	2000	2001	2002	2000	2001	2002	2000	2001	2002	2000	2001	2002
MEAN	14.1	25.5	40.8	64.5	74.9	86.0	77.6	41.9	23.9	18.9	12.9	27.9
MAX	20.2	26.4	41.7	79.5	94.4	137	135	55.5	33.2	36.0	18.4	45.9
(WY)	2002	2001	2001	2002	2001	2000	2000	2000	2000	2001	2000	2002
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 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 2000 - 2002	
ANNUAL TOTAL	14234.8		13314.36		37.4	
ANNUAL MEAN	39.0		36.5		38.3	
HIGHEST ANNUAL MEAN					36.5	
LOWEST ANNUAL MEAN					2001	
HIGHEST DAILY MEAN	416	Feb 24	363	Sep 15	982	Mar 21 2000
LOWEST DAILY MEAN	4.2	Aug 23	0.66	Aug 29	0.66	Aug 29 2002
ANNUAL SEVEN-DAY MINIMUM	6.5	Aug 14	1.1	Aug 23	1.1	Aug 23 2002
MAXIMUM PEAK FLOW			1060	Sep 15	1520	Mar 21 2000
MAXIMUM PEAK STAGE			4.26	Sep 15	4.74	Mar 21 2000
ANNUAL RUNOFF (CFSM)	0.57		0.53		0.54	
ANNUAL RUNOFF (INCHES)	7.67		7.18		7.36	
10 PERCENT EXCEEDS	66		70		70	
50 PERCENT EXCEEDS	29		29		28	
90 PERCENT EXCEEDS	12		4.6		6.4	

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 mi<sup>2</sup>.

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 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	43	32	54	47	111	59	132	81	46	18	16	31
2	37	31	52	47	101	105	109	76	37	21	15	26
3	33	33	47	50	93	140	97	70	32	25	14	25
4	31	35	45	53	89	110	88	338	30	54	13	25
5	29	35	42	48	87	93	82	222	44	20	13	23
6	42	33	42	94	90	84	77	167	53	18	12	22
7	36	31	41	91	190	78	71	134	51	16	11	21
8	33	30	40	78	170	74	69	111	48	16	11	21
9	28	30	40	68	139	72	71	94	40	15	10	21
10	25	31	78	63	124	74	77	98	34	15	10	21
11	25	30	129	60	114	69	76	93	30	110	9.5	19
12	27	29	94	58	103	118	75	87	27	53	10	17
13	31	29	85	57	95	140	82	82	25	33	9.7	126
14	115	28	81	55	89	127	80	80	23	30	9.8	200
15	76	30	77	52	84	114	78	79	21	27	13	e750
16	58	30	68	51	81	105	73	69	19	25	180	e450
17	48	30	74	51	77	124	67	64	19	22	94	129
18	42	30	133	50	75	132	63	68	19	21	35	93
19	36	30	117	147	69	113	59	62	18	20	29	81
20	33	31	98	230	73	106	58	54	17	18	27	73
21	31	30	85	191	79	150	54	48	16	18	25	86
22	31	30	73	162	76	130	52	46	16	24	24	136
23	31	39	66	291	71	111	47	45	20	18	23	114
24	32	192	76	331	67	99	43	43	18	17	22	88
25	141	100	69	504	65	95	50	40	17	21	23	80
26	52	79	64	321	65	96	48	38	17	61	26	105
27	48	69	60	234	63	105	46	36	18	64	25	125
28	46	60	55	184	61	92	47	36	16	24	23	115
29	38	54	52	154	---	85	46	44	16	21	23	100
30	35	55	50	133	---	122	42	47	15	19	24	84
31	33	---	48	119	---	165	---	47	---	17	30	---
TOTAL	1346	1326	2135	4074	2601	3287	2059	2599	802	881	810.0	3207
MEAN	43.4	44.2	68.9	131	92.9	106	68.6	83.8	26.7	28.4	26.1	107
MAX	141	192	133	504	190	165	132	338	53	110	180	750
MIN	25	28	40	47	61	59	42	36	15	15	9.5	17
CFSM	0.46	0.47	0.73	1.39	0.98	1.12	0.73	0.89	0.28	0.30	0.28	1.13
IN.	0.53	0.52	0.84	1.61	1.02	1.30	0.81	1.02	0.32	0.35	0.32	1.26

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2001 - 2002, BY WATER YEAR (WY)

	2001	2002	2002	2002	2002	2001	2001	2001	2001	2001	2001	2001
MEAN	43.4	44.2	68.9	131	92.9	130	80.2	65.7	36.4	41.7	24.5	81.4
MAX	43.4	44.2	68.9	131	92.9	154	91.7	83.8	46.0	54.9	26.1	107
(WY)	2002	2002	2002	2002	2002	2001	2001	2002	2001	2001	2002	2002
MIN	43.4	44.2	68.9	131	92.9	106	68.6	47.5	26.7	28.4	22.8	55.9
(WY)	2002	2002	2002	2002	2002	2002	2002	2001	2002	2002	2001	2001

02158408 SOUTH TYGER RIVER BELOW DUNCAN, SC--Continued

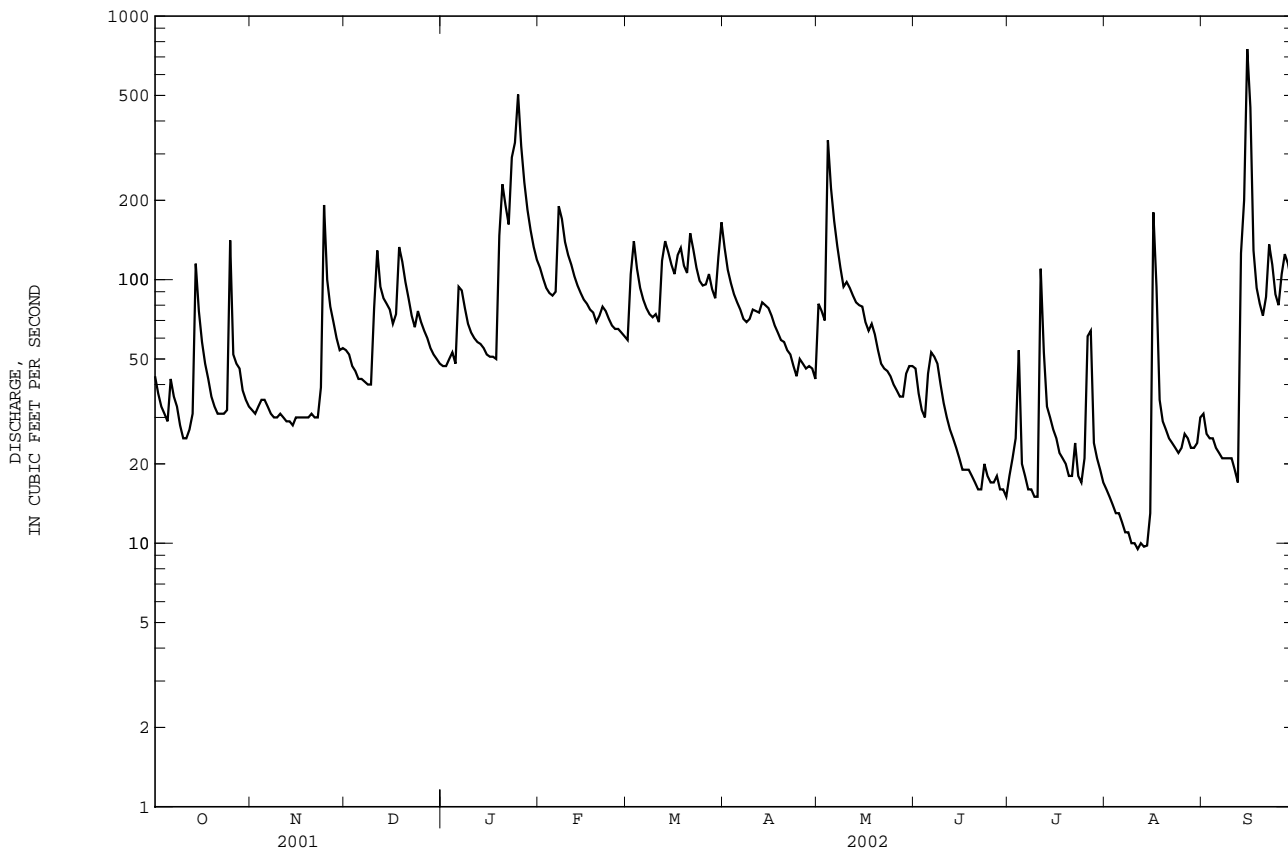
SUMMARY STATISTICS

FOR 2002 WATER YEAR

WATER YEARS 2001 - 2002

ANNUAL TOTAL	25127.0		
ANNUAL MEAN	68.8		68.8
HIGHEST ANNUAL MEAN			68.8 2002
LOWEST ANNUAL MEAN			68.8 2002
HIGHEST DAILY MEAN	e 750	Sep 15	e 750 Sep 15 2002
LOWEST DAILY MEAN	9.5	Aug 11	9.5 Aug 11 2002
ANNUAL SEVEN-DAY MINIMUM	10	Aug 8	10 Aug 8 2002
MAXIMUM PEAK FLOW	Unknown	Sep 15	Unknown Sep 15 2002
MAXIMUM PEAK STAGE	12.31	Sep 15	12.31 Sep 15 2002
ANNUAL RUNOFF (CFSM)	0.73		0.73
ANNUAL RUNOFF (INCHES)	9.90		9.91
10 PERCENT EXCEEDS	128		128
50 PERCENT EXCEEDS	52		52
90 PERCENT EXCEEDS	18		18

e Estimated



## SANTEE RIVER BASIN

02160105 TYGER RIVER NEAR DELTA, SC

LOCATION.--Lat 34°32'07'', long 81°32'54'', Union County, Hydrologic Unit 03050107, on upstream side of bridge on State Highway 72 and 121, 0.9 mi downstream from Seaboard Coast Line Railroad, 0.8 mi southeast of Delta, and at mile 9.0.

DRAINAGE AREA.--759 mi<sup>2</sup>.

## WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1973 to current year.

GAGE.--Data collection platform. Datum of gage is 300 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 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	242	187	293	279	746	415	1820	322	217	89	72	95
2	214	187	283	274	689	462	1230	394	211	108	79	100
3	194	186	280	279	635	1190	930	460	198	111	71	115
4	179	185	268	286	598	1420	788	499	185	107	62	91
5	167	182	258	287	565	946	694	1160	173	95	55	81
6	184	183	252	320	557	738	634	1220	190	100	52	70
7	207	180	248	527	1390	650	593	792	202	90	45	61
8	202	177	244	634	1680	599	579	623	195	72	40	52
9	189	179	241	494	1360	569	537	525	190	63	37	46
10	168	175	247	425	1020	571	566	458	179	64	34	41
11	159	175	332	389	866	544	559	437	169	62	33	35
12	152	189	543	365	772	588	549	437	155	72	33	38
13	151	221	509	355	704	2400	591	411	144	216	29	40
14	153	208	431	340	654	2780	599	489	136	267	28	52
15	168	196	393	328	614	1530	573	415	128	213	30	230
16	314	190	363	320	584	1030	552	365	121	180	35	1790
17	287	186	345	309	561	863	505	347	123	155	34	4060
18	232	183	374	306	532	897	485	359	115	119	228	1570
19	206	181	503	362	509	888	457	356	108	100	250	747
20	191	186	520	1400	497	785	431	326	103	84	146	554
21	185	188	463	1690	507	914	405	300	96	75	100	450
22	181	187	409	1210	513	1100	387	281	97	76	76	388
23	178	198	376	1240	499	930	363	267	98	75	63	388
24	175	313	357	1770	475	779	343	257	100	79	62	438
25	170	826	354	2810	458	695	335	250	113	123	79	378
26	164	701	354	3180	447	663	323	240	111	79	125	354
27	322	472	336	2040	437	683	328	230	123	122	144	e445
28	237	383	316	1300	424	653	324	222	114	99	92	e540
29	206	337	308	1050	---	619	315	216	106	128	78	e500
30	201	312	295	902	---	616	303	216	94	89	114	e410
31	194	---	284	810	---	985	---	218	---	65	97	---
TOTAL	6172	7653	10779	26281	19293	28502	17098	13092	4294	3377	2423	14159
MEAN	199	255	348	848	689	919	570	422	143	109	78.2	472
MAX	322	826	543	3180	1680	2780	1820	1220	217	267	250	4060
MIN	151	175	241	274	424	415	303	216	94	62	28	35
CFSM	0.26	0.34	0.46	1.12	0.91	1.21	0.75	0.56	0.19	0.14	0.10	0.62
IN.	0.30	0.38	0.53	1.29	0.95	1.40	0.84	0.64	0.21	0.17	0.12	0.69

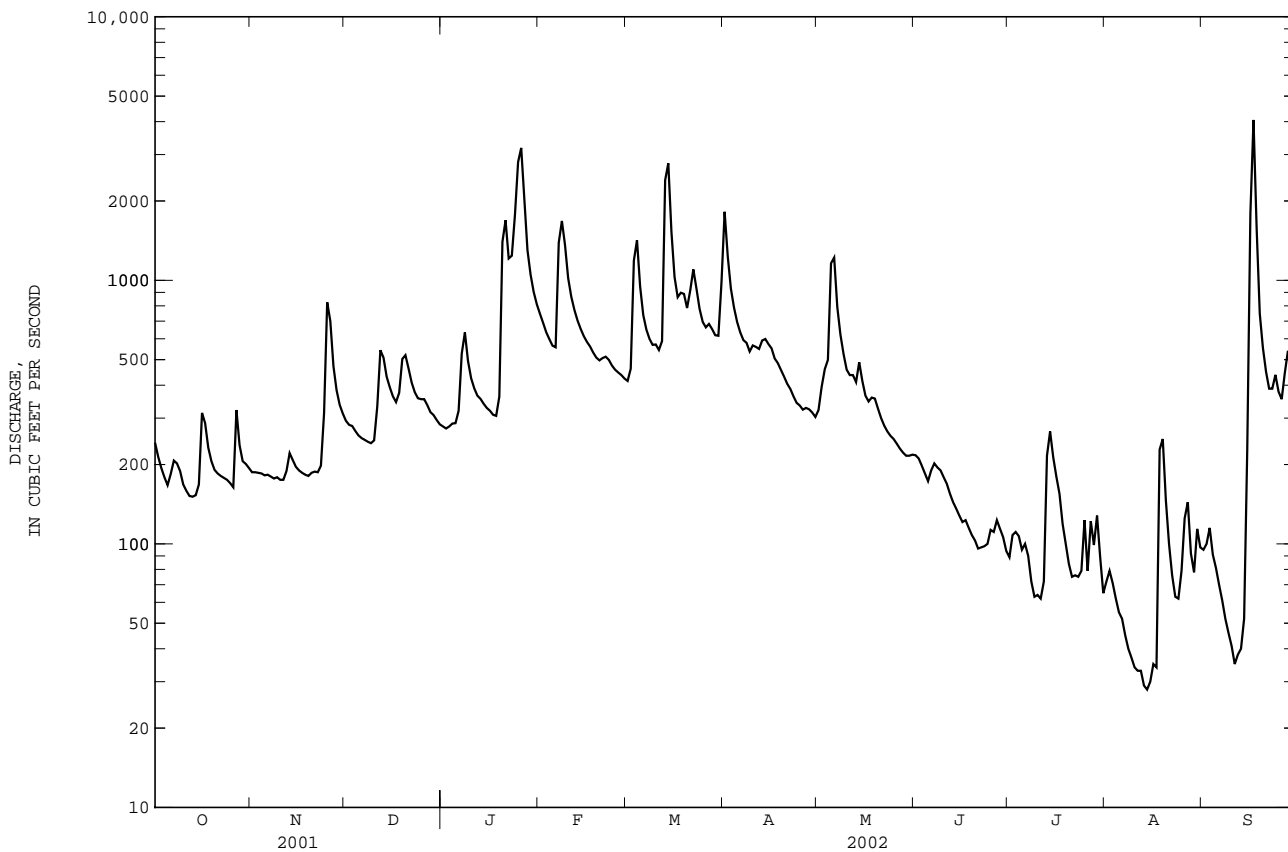
## STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1974 - 2002, BY WATER YEAR (WY)

	784	803	964	1491	1474	1732	1220	926	682	559	601	480
MEAN	784	803	964	1491	1474	1732	1220	926	682	559	601	480
MAX	3011	2519	2354	3020	2683	3545	2618	2363	1517	1507	2295	1342
(WY)	1991	1986	1984	1978	1979	1993	1998	1984	1975	1984	1995	1975
MIN	156	255	348	474	494	742	515	277	143	109	78.2	149
(WY)	2001	2002	2002	2001	2001	1985	1986	2001	2002	2002	2002	1999

02160105 TYGER RIVER NEAR DELTA, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1974 - 2002	
ANNUAL TOTAL	160291		153123		974	
ANNUAL MEAN	439		420		1449	
HIGHEST ANNUAL MEAN					420	
LOWEST ANNUAL MEAN					1993	
HIGHEST DAILY MEAN	4600	Mar 31	4060	Sep 17	26000	Oct 10 1976
LOWEST DAILY MEAN	91	Aug 26	28	Aug 14	28	Aug 14 2002
ANNUAL SEVEN-DAY MINIMUM	96	Aug 25	32	Aug 10	32	Aug 10 2002
MAXIMUM PEAK FLOW			4450		37500	
MAXIMUM PEAK STAGE			11.94		b 26.31	
INSTANTANEOUS LOW FLOW			26		a Aug 14 2002	
ANNUAL RUNOFF (CFSM)	0.58		0.55		1.28	
ANNUAL RUNOFF (INCHES)	7.86		7.50		17.44	
10 PERCENT EXCEEDS	779		875		1740	
50 PERCENT EXCEEDS	318		287		682	
90 PERCENT EXCEEDS	159		76		265	

a Also occurred Aug. 15.  
 b From floodmark.  
 e Estimated



02160105 TYGER RIVER NEAR DELTA, SC--Continued

## WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1972 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1973 to current year.

pH: October 1973 to current year.

WATER TEMPERATURE: October 1973 to current year.

DISSOLVED OXYGEN: October 1973 to current year.

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

REMARKS.--Specific conductance records rated excellent except for Oct. 21 to Oct. 30, May 6 to May 31, which are good, and June 1 to June 3, which are fair. pH records rated excellent except for May 27 to June 3, Aug. 29 to Sep. 7, which are good, Sep. 8 to Sep. 20, which are fair, and Sep. 21 to Sep. 25, which are poor. Temperature records rated excellent except for Oct. 21 to Oct. 30, which are good. Dissolved oxygen records rated excellent except for Oct. 17 to Oct. 20, Nov. 4, 5, Mar. 9 to Mar. 11, May 21 to June 1, June 6 to June 8, July 15 to July 23, Aug. 4 to Aug. 9, Sep. 8 to Sep. 13, which are fair, and Oct. 21 to Oct. 30, June 2, 3, June 8 to June 16, Aug. 10 to Aug. 26, Sep. 13 to Sep. 16, 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, 285 microsiemens, Aug. 18; minimum, 53 microsiemens, Sep. 16.

pH: Maximum 9.4 units, Aug. 9, 10; minimum, 6.1 units, Oct. 29.

WATER TEMPERATURE: Maximum, 33.5°C, July 31; minimum, 0.8°C, Jan. 5.

DISSOLVED OXYGEN: Maximum, 14.9 mg/L, Aug. 10; minimum 4.2 mg/L, Aug. 16.

## SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	115	107	111	145	139	142	125	118	122	108	104	106
2	127	114	122	145	139	143	127	121	124	104	102	103
3	139	124	132	149	140	145	128	122	125	106	102	104
4	140	131	136	146	141	144	135	127	132	107	103	104
5	144	136	140	146	140	143	138	131	134	107	102	104
6	142	126	135	154	142	148	140	132	136	108	103	106
7	140	130	136	159	148	154	141	132	137	114	102	109
8	138	131	134	159	150	155	141	135	138	113	100	105
9	146	133	140	156	148	153	140	132	136	105	98	102
10	147	138	143	158	150	154	143	128	134	104	97	101
11	150	139	145	152	147	150	141	126	133	108	97	103
12	152	147	149	151	141	147	133	105	121	118	106	113
13	153	147	150	147	140	144	107	102	104	124	116	120
14	152	145	149	151	144	147	108	102	106	126	115	122
15	151	145	147	150	144	148	111	104	108	130	122	126
16	145	131	138	154	145	149	114	106	109	128	124	127
17	137	121	132	155	145	150	112	107	110	131	125	128
18	126	119	124	152	146	149	122	108	115	130	126	129
19	133	125	129	149	144	147	118	104	114	129	111	126
20	137	131	134	157	145	151	104	95	99	111	80	95
21	139	132	135	157	152	154	100	95	98	---	---	---
22	140	133	137	153	145	149	102	96	100	---	---	---
23	149	139	145	145	133	140	106	100	103	---	---	---
24	154	146	150	139	124	131	111	103	107	77	71	74
25	157	148	153	124	87	105	112	107	109	71	61	65
26	159	143	152	97	86	92	110	106	108	65	61	63
27	152	134	143	102	86	94	110	106	108	69	65	68
28	138	126	131	108	100	105	110	105	107	76	69	73
29	129	125	126	114	106	110	107	102	104	82	76	80
30	135	127	131	118	112	116	108	102	105	86	81	84
31	141	133	137	---	---	---	109	105	107	91	86	89
MONTH	159	107	138	159	86	139	143	95	116	---	---	---

02160105 TYGER RIVER NEAR DELTA, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	94	90	92	123	117	121	81	73	76	128	122	124
2	96	92	95	121	100	113	82	75	79	129	121	126
3	100	95	98	104	81	92	86	82	84	129	109	120
4	102	96	100	83	79	81	91	86	89	116	94	104
5	---	---	---	88	82	86	97	90	95	107	76	94
6	---	---	---	92	86	90	102	96	99	78	74	76
7	---	---	---	99	90	95	106	98	102	85	78	82
8	---	---	---	103	94	99	105	100	103	92	84	90
9	---	---	---	106	96	102	112	104	108	100	92	97
10	---	---	---	106	100	103	114	105	109	108	100	105
11	---	---	---	106	100	104	112	110	111	112	106	110
12	93	88	91	108	89	103	114	110	113	116	111	114
13	98	92	95	89	59	66	113	108	111	117	111	114
14	101	95	98	69	60	65	111	108	110	131	110	117
15	106	99	103	78	69	74	110	107	109	119	110	115
16	108	102	105	85	78	82	113	107	111	124	116	121
17	110	103	106	88	85	87	112	107	110	128	120	125
18	108	103	106	92	88	90	113	107	110	126	121	123
19	113	105	110	93	88	90	115	110	113	129	122	126
20	113	108	111	93	89	91	118	111	115	129	122	126
21	119	111	115	91	82	87	120	113	117	134	126	131
22	118	113	116	92	87	89	123	114	118	137	129	133
23	118	113	116	90	86	88	126	116	121	137	130	134
24	119	113	116	91	87	90	125	116	122	140	133	137
25	120	114	117	95	90	93	128	118	123	141	135	138
26	123	115	120	99	94	96	130	122	126	138	134	136
27	126	118	122	100	95	98	130	123	127	139	133	136
28	121	117	119	100	96	98	129	124	126	144	136	140
29	---	---	---	101	96	99	130	124	127	148	140	145
30	---	---	---	100	97	98	130	123	128	146	138	142
31	---	---	---	97	81	93	---	---	---	139	128	133
MONTH	---	---	---	123	59	92	130	73	110	148	74	120
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	133	127	130	166	145	158	216	176	200	197	187	192
2	137	131	134	162	146	157	---	---	---	207	183	192
3	136	130	134	178	162	171	---	---	---	208	187	200
4	146	135	141	169	160	163	---	---	---	198	185	193
5	150	141	146	168	160	164	---	---	---	206	192	200
6	155	142	148	165	160	162	215	195	203	213	198	205
7	159	139	151	169	160	164	221	214	217	214	206	209
8	140	135	137	181	168	174	227	218	222	212	205	207
9	141	134	138	191	181	187	228	219	222	207	201	203
10	142	138	140	199	173	185	231	221	226	215	200	208
11	150	139	145	193	180	189	231	217	225	223	211	217
12	156	147	152	191	180	188	230	209	220	220	206	213
13	158	150	154	180	144	167	238	229	234	216	205	210
14	164	152	158	144	124	133	248	233	240	215	175	202
15	172	158	163	149	131	137	258	232	245	175	131	156
16	172	154	163	156	134	145	274	231	247	137	53	88
17	161	151	156	171	143	160	283	254	275	64	54	59
18	---	---	---	184	169	177	285	170	234	82	64	74
19	---	---	---	191	175	184	170	156	159	92	82	88
20	---	---	---	202	186	194	181	160	171	100	90	96
21	---	---	---	199	189	194	194	175	185	108	97	104
22	---	---	---	211	185	198	213	193	203	114	104	109
23	182	170	176	216	203	210	224	208	216	118	110	113
24	189	175	182	221	141	203	222	208	216	115	110	112
25	206	188	197	197	130	160	209	138	177	115	110	112
26	201	186	195	210	194	200	225	143	177	114	108	111
27	209	177	189	237	195	221	216	143	172	---	---	---
28	184	169	174	195	185	191	217	205	211	---	---	---
29	186	178	183	192	167	174	218	205	212	---	---	---
30	178	162	169	200	169	187	212	126	165	---	---	---
31	---	---	---	211	196	204	204	171	192	---	---	---
MONTH	---	---	---	237	124	177	---	---	---	---	---	---



## SANTEE RIVER BASIN

02160105 TYGER RIVER NEAR DELTA, SC--Continued

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	6.6	6.4	7.2	7.1	7.1	7.0	7.0	6.2	6.6	6.5	7.0	6.9
2	6.7	6.4	7.2	7.1	7.2	7.1	7.1	6.4	6.6	6.6	7.0	6.8
3	6.7	6.5	7.2	7.1	7.2	7.1	7.1	7.0	6.7	6.6	6.8	6.6
4	6.8	6.6	7.2	7.1	7.2	7.0	7.1	7.0	6.7	6.6	6.7	6.6
5	6.8	6.6	7.2	7.1	7.2	6.7	7.1	7.0	---	---	6.8	6.7
6	6.7	6.6	7.2	7.1	7.1	6.7	7.1	7.0	---	---	6.8	6.7
7	6.8	6.6	7.2	7.2	7.1	6.6	7.0	6.9	---	---	6.9	6.8
8	6.7	6.5	7.3	7.2	7.2	6.6	7.0	6.9	---	---	6.9	6.8
9	6.9	6.5	7.3	7.2	7.1	6.6	7.0	6.9	---	---	6.9	6.8
10	6.9	6.8	7.3	7.2	7.0	6.7	7.0	6.9	---	---	6.9	6.8
11	6.9	6.7	7.3	7.2	7.1	7.0	7.0	6.9	---	---	7.0	6.8
12	7.1	6.9	7.3	7.2	7.1	7.0	6.9	6.9	6.6	6.6	6.9	6.8
13	7.1	6.9	7.2	7.1	7.0	7.0	7.0	6.9	6.6	6.6	6.8	6.3
14	7.1	6.9	7.2	7.1	7.0	6.8	7.0	6.9	6.7	6.6	6.5	6.4
15	7.1	7.0	7.3	7.1	7.0	6.5	7.0	6.9	6.7	6.6	6.6	6.5
16	7.0	6.9	7.3	7.2	6.6	6.4	7.0	7.0	6.7	6.6	6.7	6.6
17	7.0	6.9	7.3	7.2	7.0	6.4	7.0	7.0	6.7	6.6	6.8	6.7
18	7.0	6.9	7.3	7.2	7.0	6.7	7.0	7.0	6.7	6.7	6.8	6.8
19	7.2	7.0	7.3	7.2	7.0	6.5	7.2	6.9	6.8	6.7	6.8	6.8
20	7.0	6.8	7.4	7.2	6.9	6.4	7.0	6.9	6.8	6.8	6.9	6.8
21	7.0	6.7	7.4	7.2	7.0	6.4	---	---	6.9	6.8	6.8	6.7
22	6.9	6.8	7.4	7.2	7.0	6.6	---	---	6.9	6.8	6.8	6.8
23	7.1	6.8	7.3	7.1	7.0	6.7	---	---	6.9	6.8	6.8	6.7
24	7.0	6.8	7.1	7.0	6.9	6.4	6.5	6.4	6.9	6.9	6.9	6.8
25	6.9	6.7	7.0	6.8	7.0	6.2	6.4	6.2	6.9	6.9	6.9	6.7
26	7.0	6.4	6.8	6.7	7.0	6.2	6.3	6.2	6.9	6.9	6.9	6.7
27	6.5	6.2	7.0	6.8	7.0	6.2	6.4	6.3	7.0	6.9	7.0	6.9
28	6.5	6.2	7.0	6.9	7.0	6.2	6.5	6.4	7.0	6.9	7.0	6.9
29	---	---	7.1	7.0	7.0	6.2	6.5	6.5	---	---	7.0	6.9
30	---	---	7.1	7.0	7.0	6.2	6.6	6.5	---	---	6.9	6.8
31	7.1	7.1	---	---	7.0	6.2	6.6	6.5	---	---	6.8	6.7
MONTH	---	---	7.4	6.7	7.2	6.2	---	---	---	---	7.0	6.3
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	6.7	6.5	7.0	6.9	7.0	6.8	7.3	7.2	7.5	6.8	7.4	7.2
2	6.6	6.5	7.0	6.9	7.2	6.9	7.4	7.1	7.1	6.7	7.4	7.3
3	6.7	6.5	7.0	6.9	7.0	6.8	7.4	7.3	7.0	6.7	7.4	7.3
4	6.9	6.6	6.9	6.8	7.0	6.9	7.4	7.2	7.0	6.6	7.4	7.3
5	6.9	6.8	6.8	6.6	7.0	6.8	7.4	7.2	6.9	6.7	7.5	7.3
6	7.0	6.9	6.7	6.6	7.0	6.6	7.4	7.2	6.9	6.7	7.6	7.3
7	7.0	6.9	6.7	6.7	7.1	6.7	7.4	7.3	7.0	6.6	7.6	7.3
8	6.9	6.9	6.8	6.7	7.1	6.9	7.5	7.3	7.6	6.8	7.6	7.1
9	7.0	6.9	6.8	6.7	7.3	7.0	7.4	7.3	9.4	7.1	7.8	7.0
10	6.9	6.8	6.9	6.8	7.3	7.2	7.5	7.3	9.4	7.3	7.8	7.0
11	7.0	6.8	6.9	6.8	7.3	7.1	7.4	7.3	9.2	7.4	7.8	6.9
12	7.0	6.9	6.9	6.9	7.4	7.2	7.6	7.3	9.2	7.4	8.4	6.9
13	7.0	6.9	6.9	6.8	7.3	7.1	7.4	7.2	9.1	7.5	8.8	7.0
14	7.0	6.9	6.9	6.9	7.2	6.9	7.2	7.1	8.5	7.4	8.6	7.1
15	7.0	6.9	7.0	6.9	7.1	6.8	7.3	7.1	8.6	7.1	7.4	7.1
16	7.0	6.9	6.9	6.9	7.3	6.8	7.3	7.2	8.6	7.2	7.2	6.2
17	7.0	6.9	7.0	6.9	7.4	7.2	7.3	7.2	7.6	7.1	6.4	6.2
18	7.0	6.9	7.0	6.9	7.3	7.2	7.3	7.2	7.4	7.1	6.7	6.4
19	7.0	6.9	7.0	7.0	7.4	7.0	7.3	7.2	7.3	7.1	6.8	6.5
20	7.0	6.9	7.0	7.0	7.7	7.2	7.4	7.3	7.3	7.1	6.8	6.5
21	7.0	7.0	7.0	7.0	7.7	7.3	7.4	7.3	7.3	7.2	7.0	6.5
22	7.0	6.9	7.0	7.0	7.7	7.3	7.5	7.3	7.4	7.3	7.0	6.5
23	7.0	6.9	7.1	7.0	7.6	7.3	7.6	7.3	7.5	7.3	7.2	6.6
24	7.0	7.0	7.0	7.0	7.4	7.1	7.7	7.0	7.5	7.3	7.3	6.6
25	7.0	7.0	7.0	6.9	7.5	7.2	7.3	7.0	7.5	7.0	---	---
26	7.0	6.9	7.0	6.9	7.5	7.3	7.4	7.2	7.4	7.0	---	---
27	7.0	6.8	6.9	6.9	7.5	7.2	7.4	7.3	7.4	7.1	---	---
28	7.0	6.8	6.9	6.9	7.5	7.3	7.4	7.3	7.4	7.3	---	---
29	7.0	6.9	7.0	6.9	7.4	7.2	7.4	7.3	7.4	7.3	---	---
30	7.0	7.0	7.1	7.0	7.3	7.2	7.4	7.0	7.4	7.1	---	---
31	---	---	7.1	6.8	---	---	7.4	7.1	7.4	7.2	---	---
MONTH	7.0	6.5	7.1	6.6	7.7	6.6	7.7	7.0	9.4	6.6	---	---

SANTEE RIVER BASIN

02160105 TYGER RIVER NEAR DELTA, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	18.4	14.5	16.5	14.5	10.6	12.6	16.8	14.9	16.0	5.3	3.8	4.6
2	19.2	14.7	16.9	15.3	12.5	14.0	14.9	13.0	13.9	4.0	2.0	3.2
3	19.9	15.3	17.6	17.9	14.4	16.1	13.0	10.9	12.0	2.6	1.8	2.2
4	20.2	15.9	18.1	17.6	14.9	16.4	11.1	8.9	10.1	3.2	1.1	2.2
5	19.6	16.3	18.2	15.2	12.3	13.8	11.9	9.4	10.5	3.0	0.8	1.9
6	19.9	18.0	18.9	13.2	10.1	11.7	13.1	10.3	11.6	3.3	2.1	2.7
7	18.1	15.2	16.8	12.6	8.8	10.8	13.7	11.1	12.4	4.2	2.7	3.5
8	16.2	12.9	14.7	12.6	8.9	10.8	14.5	12.1	13.3	4.0	2.8	3.5
9	15.5	12.0	13.8	13.1	9.4	11.2	14.5	12.6	13.6	4.5	2.4	3.6
10	16.5	12.1	14.4	12.8	9.0	11.0	13.6	10.9	12.1	6.9	4.4	5.6
11	18.4	14.0	16.3	12.9	9.1	11.1	11.5	10.4	10.9	8.6	6.7	7.5
12	18.7	16.4	17.6	12.4	9.2	10.8	11.7	11.1	11.4	7.6	5.9	6.6
13	19.7	16.8	18.4	10.9	8.3	9.7	12.5	11.7	12.0	7.7	5.5	6.6
14	20.4	18.2	19.1	10.9	8.0	9.5	14.2	12.5	13.4	6.2	4.8	5.5
15	19.4	15.9	17.8	11.6	9.1	10.3	14.0	12.3	13.3	6.9	4.3	5.6
16	17.7	15.2	16.4	11.9	8.3	10.2	12.3	10.6	11.3	5.9	4.3	5.2
17	15.7	13.4	14.6	12.7	9.2	10.9	13.0	11.2	12.0	6.7	3.8	5.3
18	14.4	11.4	13.0	12.7	9.6	11.2	13.3	11.8	12.6	8.8	6.2	7.6
19	14.5	10.7	12.7	12.9	9.5	11.2	11.8	10.1	10.7	8.0	6.3	7.3
20	16.2	12.0	14.1	12.2	10.1	11.1	10.3	8.4	9.4	7.1	6.1	6.6
21	17.4	13.0	15.2	10.9	8.6	9.8	8.4	6.6	7.4	7.6	6.4	7.0
22	19.5	15.4	17.4	9.9	6.6	8.4	7.0	5.5	6.3	8.2	5.9	6.9
23	20.1	16.3	18.2	10.9	8.1	9.4	7.6	5.6	6.4	8.2	6.4	7.5
24	21.0	17.0	19.1	13.3	10.9	12.3	8.7	7.1	7.8	9.8	8.2	8.9
25	21.5	17.9	20.0	14.3	12.9	13.5	7.1	5.4	6.2	10.8	9.8	10.5
26	17.9	14.0	16.1	15.2	14.0	14.6	6.1	4.7	5.4	10.2	8.6	9.1
27	14.0	11.6	13.1	15.8	14.4	15.1	5.2	3.5	4.4	8.7	7.6	8.1
28	12.2	9.5	10.9	16.3	14.6	15.5	5.5	3.4	4.5	9.3	7.9	8.6
29	11.9	8.4	10.2	16.7	14.8	15.7	7.5	5.1	6.1	11.1	8.7	9.8
30	12.4	8.6	10.6	16.8	15.9	16.3	6.6	5.1	5.7	12.9	10.5	11.7
31	13.2	9.1	11.2	---	---	---	5.5	4.2	5.0	14.3	12.1	13.2
MONTH	21.5	8.4	15.7	17.9	6.6	12.2	16.8	3.4	9.9	14.3	0.8	6.4
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	14.9	13.6	14.2	8.3	4.9	6.7	18.2	16.0	17.0	20.4	18.4	19.5
2	14.3	11.5	13.0	7.7	6.8	7.2	18.3	15.6	17.0	23.5	19.6	21.5
3	11.5	9.6	10.1	9.1	7.7	8.3	19.9	16.4	18.2	22.6	21.6	22.1
4	9.7	8.0	8.9	9.0	7.9	8.5	19.2	16.8	17.9	21.6	17.0	18.8
5	---	---	---	8.3	6.2	7.4	17.5	15.0	16.4	17.2	16.4	16.8
6	---	---	---	9.3	6.1	7.7	16.7	13.9	15.5	18.4	16.1	17.2
7	---	---	---	10.6	7.2	8.9	16.2	13.2	14.9	21.0	17.8	19.3
8	---	---	---	12.2	8.6	10.6	16.8	13.6	15.3	23.0	20.0	21.5
9	---	---	---	14.5	11.5	12.9	17.1	15.7	16.5	24.8	21.7	23.2
10	---	---	---	14.9	12.8	13.8	18.6	16.5	17.5	25.1	22.3	23.8
11	---	---	---	12.8	10.3	11.6	20.7	17.5	19.1	23.9	21.4	22.5
12	9.9	7.9	9.0	11.5	10.4	10.8	20.0	18.2	18.9	23.2	20.6	21.8
13	9.2	7.7	8.5	10.8	10.1	10.5	18.8	17.8	18.3	24.1	21.6	22.7
14	9.4	7.2	8.4	13.1	10.4	11.6	20.2	17.5	18.9	22.4	19.9	21.1
15	9.6	7.1	8.5	15.7	12.5	14.0	22.2	18.8	20.4	21.4	17.8	19.8
16	11.3	8.7	9.9	17.3	14.2	15.7	23.4	20.0	21.8	21.6	17.9	19.9
17	10.7	8.7	9.7	16.9	15.6	16.3	24.4	21.0	22.7	23.0	19.1	21.1
18	9.5	7.1	8.4	15.6	14.0	14.7	24.9	21.7	23.3	21.8	19.0	20.8
19	9.0	6.2	7.8	15.1	14.2	14.6	25.1	22.0	23.7	19.6	17.1	18.3
20	9.8	7.9	8.9	15.8	14.4	15.0	25.4	22.4	23.9	19.1	15.9	17.6
21	12.5	9.4	10.8	15.6	14.8	15.2	25.3	22.3	23.9	17.9	16.6	17.2
22	11.6	9.8	10.9	14.9	12.8	13.8	24.3	22.1	23.5	18.7	14.8	16.7
23	11.1	9.9	10.5	13.2	10.6	12.0	22.2	19.3	20.9	19.6	14.4	17.1
24	10.9	8.0	9.5	13.7	10.2	12.1	20.6	17.9	19.5	21.3	15.6	18.5
25	11.2	7.8	9.6	15.6	11.8	13.8	22.9	19.2	20.8	22.9	17.5	20.2
26	12.1	9.0	10.5	16.6	14.4	15.7	20.5	18.0	19.0	23.8	19.1	21.5
27	10.8	8.1	9.5	18.0	15.2	16.6	19.3	17.2	18.3	24.7	20.3	22.5
28	8.5	5.7	7.2	16.7	14.3	15.1	21.2	18.5	19.8	24.7	20.4	22.6
29	---	---	---	15.8	13.2	14.5	24.0	20.3	22.0	25.1	20.8	23.1
30	---	---	---	15.8	14.7	15.3	21.3	18.7	20.1	23.8	22.4	23.2
31	---	---	---	17.0	15.4	16.2	---	---	---	26.6	21.9	24.2
MONTH	---	---	---	18.0	4.9	12.5	25.4	13.2	19.5	26.6	14.4	20.5

## SANTEE RIVER BASIN

02160105 TYGER RIVER NEAR DELTA, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	28.1	22.9	25.5	30.9	24.9	27.1	30.9	26.0	28.4	24.1	21.3	22.6
2	29.0	23.9	26.5	30.2	23.8	26.9	31.4	25.4	27.9	26.2	22.1	24.0
3	29.6	25.3	27.4	30.6	24.7	27.3	31.8	24.5	27.9	28.1	22.5	25.2
4	29.4	25.1	27.2	30.1	24.5	27.1	31.5	24.1	27.7	29.3	23.0	26.2
5	30.1	25.3	27.7	31.6	24.7	28.2	32.2	24.8	28.4	29.5	24.2	26.8
6	28.5	25.9	27.1	31.3	26.1	28.7	30.8	25.2	28.1	28.6	22.4	25.6
7	27.5	24.8	26.0	30.5	25.6	28.0	30.8	23.7	26.8	27.5	22.0	24.8
8	26.7	22.9	24.7	30.6	23.6	27.1	29.5	21.0	25.1	27.5	20.8	24.2
9	26.6	21.0	23.8	30.3	23.3	27.0	29.5	21.4	25.2	28.0	21.4	24.6
10	27.2	20.9	24.2	31.2	25.3	27.7	29.9	21.6	25.5	27.1	20.3	23.7
11	27.9	21.8	24.9	27.5	24.4	26.0	30.2	21.5	25.7	28.0	20.1	24.0
12	28.5	22.1	25.3	25.1	22.8	23.9	29.9	22.5	26.1	26.5	21.6	24.1
13	29.0	22.8	26.0	25.3	22.7	24.1	30.3	22.7	26.2	25.9	22.0	24.0
14	28.3	23.9	25.9	27.6	24.3	25.8	29.8	23.5	26.3	26.0	23.1	24.2
15	27.9	22.4	25.2	26.8	25.1	25.9	28.6	24.9	26.8	23.8	22.6	23.2
16	27.1	20.8	24.2	30.1	24.8	27.4	31.4	24.8	27.8	23.3	22.5	22.9
17	27.4	22.1	24.7	30.9	26.0	28.4	31.1	25.4	27.7	23.6	22.9	23.2
18	26.6	21.7	24.3	31.7	25.7	28.7	29.5	25.6	27.4	23.8	23.4	23.6
19	27.4	21.7	24.5	31.8	25.9	28.9	28.4	26.1	27.4	24.6	23.1	23.8
20	28.4	21.8	25.0	31.9	25.5	28.6	30.7	25.3	28.0	25.2	23.4	24.3
21	27.1	21.5	24.4	29.2	25.4	27.5	31.6	25.6	28.5	24.9	23.8	24.4
22	25.0	22.6	23.9	30.2	24.8	27.3	31.6	25.9	28.6	24.8	23.7	24.2
23	27.0	22.6	24.7	29.4	24.9	27.1	31.3	25.2	28.3	25.0	23.6	24.3
24	29.4	23.1	26.0	30.0	25.0	27.2	32.1	25.6	28.7	23.8	22.8	23.2
25	29.1	24.0	26.5	28.9	24.4	26.4	29.4	25.1	26.4	22.8	21.3	22.0
26	29.5	25.4	27.0	29.2	25.1	27.2	27.9	24.2	25.8	21.3	20.8	21.0
27	30.0	24.8	27.2	31.2	25.5	28.1	25.8	24.0	24.8	---	---	---
28	27.8	25.0	26.4	31.7	26.2	29.1	24.7	23.3	24.0	---	---	---
29	29.4	24.0	26.7	32.1	26.8	29.5	24.6	22.6	23.5	---	---	---
30	29.4	24.4	27.0	32.9	26.9	29.9	23.6	22.1	22.6	---	---	---
31	---	---	---	33.5	26.4	29.8	23.0	21.9	22.4	---	---	---
MONTH	30.1	20.8	25.7	33.5	22.7	27.5	32.2	21.0	26.6	---	---	---

02160105 TYGER RIVER NEAR DELTA, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	9.0	8.3	8.6	10.6	9.7	9.9	9.5	9.0	9.3	12.9	12.4	12.7
2	9.0	8.2	8.6	10.4	9.6	10.0	10.0	9.4	9.7	13.4	12.8	13.2
3	8.9	8.1	8.5	9.6	8.9	9.3	10.5	9.8	10.2	13.7	13.4	13.6
4	8.8	8.0	8.4	9.3	8.8	9.0	11.2	10.3	10.8	14.0	13.5	13.7
5	8.6	8.1	8.3	9.8	9.0	9.4	11.1	10.4	10.8	---	---	---
6	8.1	7.8	8.0	10.5	9.3	10.0	10.8	10.1	10.4	---	---	---
7	8.9	8.1	8.6	11.0	10.1	10.5	10.4	9.7	10.1	---	---	---
8	9.6	8.8	9.2	10.9	10.1	10.5	10.1	9.4	9.8	---	---	---
9	9.8	8.9	9.4	10.9	10.0	10.4	10.0	9.4	9.7	---	---	---
10	9.5	8.5	9.1	10.9	10.0	10.4	10.2	9.5	9.9	---	---	---
11	8.9	7.9	8.5	10.7	9.9	10.3	10.4	10.0	10.2	---	---	---
12	8.3	7.7	8.0	10.9	10.0	10.4	10.4	10.0	10.1	11.3	10.1	10.6
13	8.1	7.5	7.8	11.1	10.1	10.6	10.1	9.9	10.0	11.3	10.5	10.9
14	7.6	7.1	7.4	11.6	10.6	11.1	9.9	9.4	9.7	11.6	10.9	11.4
15	8.0	7.2	7.6	11.2	10.4	10.8	9.9	9.4	9.7	11.6	11.3	11.4
16	7.9	7.4	7.7	11.3	10.4	10.8	10.8	9.9	10.3	11.8	11.5	11.7
17	8.4	7.5	8.1	11.2	10.3	10.7	10.3	9.8	10.2	11.8	11.4	11.6
18	9.1	8.4	8.8	11.3	10.2	10.7	10.0	9.6	9.8	11.4	10.8	11.0
19	9.4	8.7	9.1	11.2	10.1	10.6	10.5	10.0	10.3	11.3	10.6	10.9
20	9.5	8.5	9.0	11.2	10.2	10.5	11.1	10.4	10.8	11.1	10.5	10.8
21	9.4	8.5	8.9	11.4	10.2	10.8	11.8	11.1	11.6	---	---	---
22	8.8	8.0	8.4	12.1	10.8	11.5	12.4	11.8	12.1	---	---	---
23	8.5	7.7	8.2	11.7	10.2	11.1	12.3	11.6	12.1	---	---	---
24	8.5	7.5	8.0	10.3	9.2	9.7	11.6	11.4	11.5	10.7	9.9	10.4
25	8.0	7.5	7.7	9.2	8.6	9.0	12.3	11.5	12.0	9.9	9.3	9.5
26	9.2	8.0	8.8	9.1	8.6	8.9	12.5	12.0	12.2	10.0	9.3	9.7
27	9.7	8.9	9.3	9.4	9.0	9.2	12.9	12.3	12.6	10.6	10.0	10.4
28	10.9	9.7	10.4	9.4	9.0	9.2	13.0	12.3	12.7	10.5	10.3	10.4
29	11.3	10.5	10.9	9.5	8.9	9.2	12.4	11.8	12.1	10.3	9.8	10.2
30	11.0	10.3	10.6	9.2	8.9	9.0	12.5	11.9	12.3	9.8	9.4	9.7
31	10.7	9.7	10.3	---	---	---	12.8	12.4	12.6	9.4	8.9	9.3
MONTH	11.3	7.1	8.7	12.1	8.6	10.1	13.0	9.0	10.8	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	9.0	8.7	8.9	12.0	11.3	11.6	8.4	8.2	8.3	7.6	7.1	7.3
2	9.6	8.8	9.3	11.4	10.4	11.1	8.7	8.2	8.5	7.2	6.7	7.0
3	10.1	9.6	10.0	10.9	10.6	10.7	8.5	7.8	8.2	6.8	6.6	6.7
4	10.5	10.1	10.4	10.9	10.4	10.7	8.4	7.8	8.2	7.7	6.8	7.3
5	11.3	9.8	10.8	11.5	10.8	11.2	8.8	8.2	8.5	8.1	7.7	7.9
6	10.1	9.7	9.9	11.7	10.9	11.3	9.1	8.3	8.7	8.1	7.8	8.0
7	---	---	---	11.2	10.5	10.9	9.3	8.5	8.9	7.8	7.3	7.7
8	---	---	---	10.8	10.0	10.5	9.1	8.3	8.8	7.5	7.0	7.3
9	---	---	---	10.0	9.4	9.8	8.4	8.0	8.3	7.2	6.8	7.0
10	---	---	---	9.7	9.3	9.5	8.4	7.8	8.1	7.2	6.9	7.0
11	---	---	---	10.5	9.5	10.1	8.2	7.7	8.0	7.5	6.9	7.3
12	10.9	10.4	10.7	10.3	10.0	10.1	8.0	7.6	7.8	7.7	7.3	7.5
13	11.0	10.6	10.8	10.1	9.5	9.8	8.1	7.8	8.0	7.5	7.1	7.3
14	11.3	10.8	11.0	10.0	9.3	9.7	8.1	7.5	7.9	7.7	7.2	7.5
15	11.2	10.7	11.0	9.4	9.0	9.2	7.7	7.0	7.4	8.3	7.6	8.0
16	10.8	10.1	10.5	9.3	8.5	9.0	7.5	6.8	7.2	8.4	7.8	8.0
17	10.6	10.1	10.4	9.0	8.5	8.7	7.2	6.5	6.9	8.2	7.5	7.9
18	11.2	10.5	10.9	9.5	9.0	9.3	7.1	6.5	6.8	8.1	7.6	7.8
19	11.5	10.9	11.2	9.4	9.3	9.3	7.1	6.6	6.8	8.8	8.1	8.5
20	10.9	10.3	10.7	9.4	9.0	9.2	7.0	6.5	6.7	9.1	8.5	8.8
21	10.5	9.8	10.2	9.3	8.9	9.1	7.1	6.5	6.8	9.1	8.7	8.9
22	10.2	9.8	10.0	9.8	9.2	9.6	7.1	6.7	6.9	9.4	8.8	9.1
23	10.3	9.8	10.1	10.4	9.7	10.2	7.8	7.1	7.5	9.5	8.5	9.0
24	10.8	10.1	10.5	10.5	9.7	10.2	8.0	7.3	7.7	9.1	8.2	8.7
25	10.9	10.2	10.6	10.0	9.2	9.7	7.5	7.1	7.3	8.8	8.0	8.4
26	10.4	9.8	10.1	9.4	8.8	9.1	8.0	7.2	7.6	8.6	7.8	8.2
27	10.7	9.8	10.3	9.1	8.5	8.8	8.2	7.7	7.9	8.3	7.6	8.0
28	11.6	10.7	11.2	9.4	8.6	9.2	7.8	7.2	7.5	8.3	7.6	7.9
29	---	---	---	9.5	8.8	9.3	7.2	6.7	7.0	8.2	7.5	7.9
30	---	---	---	9.0	8.6	8.8	7.6	6.8	7.2	7.9	7.5	7.7
31	---	---	---	8.7	8.3	8.5	---	---	---	7.8	7.0	7.4
MONTH	---	---	---	12.0	8.3	9.8	9.3	6.5	7.7	9.5	6.6	7.8

## SANTEE RIVER BASIN

02160105 TYGER RIVER NEAR DELTA, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	7.8	6.9	7.3	7.1	6.3	6.7	7.7	5.9	6.7	7.8	7.2	7.5
2	7.5	6.7	7.1	7.2	6.1	6.6	8.5	5.8	7.0	7.7	6.9	7.3
3	7.0	6.2	6.6	7.2	6.1	6.6	8.8	5.8	6.9	7.8	6.7	7.3
4	6.6	6.0	6.3	7.4	6.3	6.8	9.4	5.9	7.3	7.6	6.5	7.0
5	7.2	5.9	6.6	7.2	6.0	6.6	10.3	5.8	7.6	7.5	6.6	7.0
6	7.9	7.0	7.5	7.1	6.1	6.5	11.7	5.7	8.1	7.8	6.7	7.2
7	7.9	6.9	7.4	7.2	6.3	6.6	12.7	5.7	8.2	8.1	6.9	7.5
8	7.5	6.9	7.2	7.5	6.2	6.8	13.9	5.8	8.8	8.3	6.9	7.5
9	7.7	7.2	7.4	7.5	6.2	6.8	14.8	5.6	9.2	8.6	6.9	7.6
10	7.4	7.2	7.3	7.2	5.8	6.5	14.9	5.6	8.8	9.0	6.8	7.7
11	8.1	7.3	7.8	7.2	6.1	6.7	12.9	5.7	8.3	9.6	6.6	7.9
12	9.1	8.1	8.5	7.7	6.6	7.0	12.7	5.7	8.3	10.7	6.6	8.2
13	9.1	8.1	8.6	7.0	6.5	6.7	12.1	5.7	8.0	11.7	6.5	8.5
14	8.3	6.8	7.6	6.9	6.5	6.7	11.0	5.3	7.6	11.2	6.5	7.9
15	7.3	6.9	7.1	7.4	6.6	7.1	11.4	5.2	7.3	7.9	6.6	7.2
16	---	---	---	7.2	6.5	6.9	10.9	4.2	6.7	7.5	6.1	6.8
17	---	---	---	7.1	6.4	6.7	11.0	4.5	6.5	6.3	6.0	6.1
18	---	---	---	7.1	6.2	6.7	6.0	4.5	5.4	7.0	5.8	6.5
19	---	---	---	6.9	6.1	6.5	6.6	5.2	5.8	7.2	7.0	7.1
20	---	---	---	7.0	6.1	6.5	6.2	5.4	5.8	7.3	7.0	7.2
21	---	---	---	7.0	6.3	6.6	6.5	5.6	6.0	7.4	7.1	7.2
22	---	---	---	7.3	6.2	6.7	6.4	5.7	6.0	7.4	7.2	7.3
23	---	---	---	7.4	5.9	6.7	6.5	5.7	6.1	7.4	7.2	7.3
24	---	---	---	7.5	5.9	6.7	6.5	5.7	6.1	7.6	7.3	7.4
25	---	---	---	6.6	5.9	6.2	7.0	5.9	6.3	7.7	7.4	7.6
26	7.4	6.1	6.6	7.0	5.9	6.4	6.8	6.2	6.4	7.7	7.5	7.7
27	7.3	6.1	6.6	6.9	5.9	6.3	6.9	6.2	6.5	---	---	---
28	7.2	6.1	6.7	7.0	5.9	6.3	7.1	6.6	6.9	---	---	---
29	7.2	6.2	6.6	6.9	5.8	6.3	7.3	6.9	7.1	---	---	---
30	7.2	6.3	6.6	6.9	5.8	6.2	7.5	7.0	7.2	---	---	---
31	---	---	---	6.9	5.8	6.3	7.5	7.3	7.4	---	---	---
MONTH	---	---	---	7.7	5.8	6.6	14.9	4.2	7.1	---	---	---

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 mi<sup>2</sup>.

PERIOD OF RECORD.--March 1998 to current year.

GAGE.--Data collection platform. Elevation of gage is 827 ft above NGVD of 1929 (from topographic map).

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

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14	19	30	28	53	34	67	53	20	21	7.5	16
2	12	18	27	27	49	60	56	38	19	18	6.3	13
3	12	19	25	28	46	84	51	31	18	20	6.0	12
4	11	18	24	28	45	52	47	250	19	44	5.8	11
5	11	19	24	26	43	45	45	117	50	18	5.5	9.4
6	19	18	24	60	49	42	44	69	29	14	5.0	8.1
7	17	18	24	53	106	40	41	53	22	12	4.3	7.3
8	13	18	24	38	86	39	41	45	e18	11	3.7	6.8
9	11	18	29	34	64	40	41	40	e17	10	3.4	6.4
10	11	18	56	32	57	40	42	45	e16	9.6	3.4	6.0
11	12	18	101	e30	53	37	39	41	e15	38	3.2	5.1
12	14	20	50	e29	49	61	40	37	14	31	2.9	4.7
13	15	18	42	30	47	110	46	36	16	17	2.9	25
14	44	19	41	28	44	78	41	43	14	18	2.3	117
15	31	21	39	29	43	59	39	34	14	16	3.5	443
16	19	20	34	27	43	53	37	31	13	15	93	197
17	16	19	41	26	41	91	36	31	12	12	52	71
18	17	19	107	26	39	76	35	34	12	11	18	48
19	15	20	53	88	39	61	33	29	11	9.3	14	45
20	15	19	44	163	41	57	34	28	11	8.4	14	34
21	15	18	40	96	44	84	32	27	11	8.6	12	76
22	14	19	37	75	39	65	30	26	10	8.6	10	97
23	14	29	37	200	38	57	29	26	15	8.0	10	53
24	14	127	44	144	37	53	27	25	31	9.6	9.8	38
25	52	56	36	250	36	51	32	24	17	19	10	37
26	22	39	33	124	36	53	28	23	15	61	14	71
27	18	33	31	88	35	55	28	22	19	33	12	118
28	17	40	31	73	34	46	29	22	18	14	11	70
29	19	38	30	65	---	45	27	21	14	11	11	47
30	19	31	29	59	---	69	25	21	14	9.7	12	39
31	19	---	28	55	---	91	---	22	---	7.8	14	---
TOTAL	552	806	1215	2059	1336	1828	1142	1344	524	543.6	382.5	1731.8
MEAN	17.8	26.9	39.2	66.4	47.7	59.0	38.1	43.4	17.5	17.5	12.3	57.7
MAX	52	127	107	250	106	110	67	250	50	61	93	443
MIN	11	18	24	26	34	34	25	21	10	7.8	2.3	4.7
CFSM	0.36	0.54	0.79	1.34	0.96	1.19	0.77	0.87	0.35	0.35	0.25	1.16
IN.	0.41	0.60	0.91	1.54	1.00	1.37	0.85	1.01	0.39	0.41	0.29	1.30

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2002, BY WATER YEAR (WY)

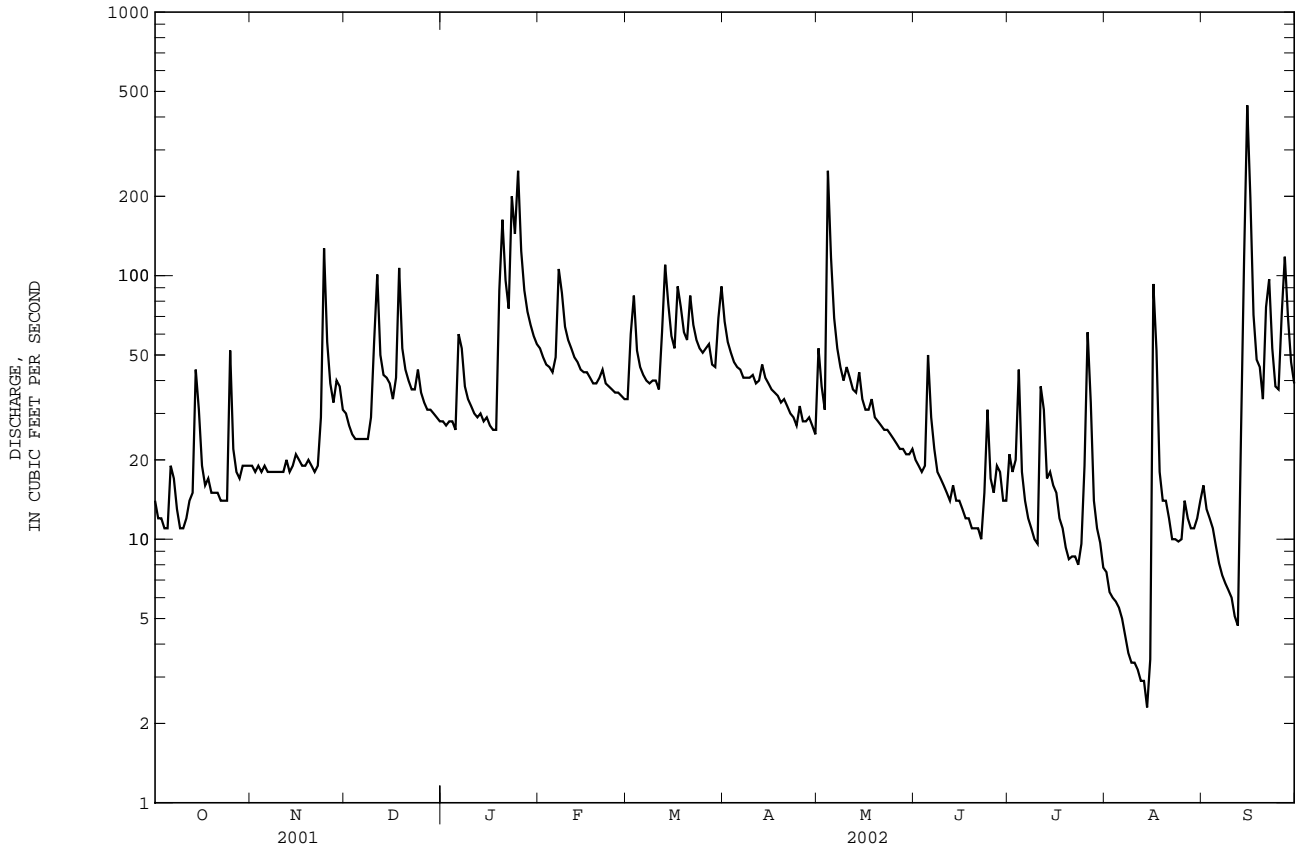
	1998	1999	2000	2001	2002
MEAN	38.0	38.2	51.2	66.5	61.3
MAX	70.3	49.3	59.5	75.6	86.2
(WY)	2000	2000	1999	1999	1998
MIN	14.5	26.9	39.2	54.0	44.1
(WY)	2001	2002	2002	2001	2001

SANTEE RIVER BASIN

02160200 ENOREE RIVER AT TAYLORS, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1998 - 2002	
ANNUAL TOTAL	13523.5		13463.9			
ANNUAL MEAN	37.1		36.9		46.2	
HIGHEST ANNUAL MEAN					58.5	2000
LOWEST ANNUAL MEAN					36.9	2002
HIGHEST DAILY MEAN	273	Mar 30	443	Sep 15	832	Mar 20 2000
LOWEST DAILY MEAN	6.1	Aug 26	2.3	Aug 14	2.3	Aug 14 2002
ANNUAL SEVEN-DAY MINIMUM	6.6	Aug 21	3.1	Aug 9	3.1	Aug 9 2002
MAXIMUM PEAK FLOW			809	Sep 15	1300	Mar 20 2000
MAXIMUM PEAK STAGE			6.88	Sep 15	8.77	Mar 20 2000
ANNUAL RUNOFF (CFSM)	0.75		0.74		0.93	
ANNUAL RUNOFF (INCHES)	10.12		10.08		12.64	
10 PERCENT EXCEEDS	68		68		81	
50 PERCENT EXCEEDS	30		29		36	
90 PERCENT EXCEEDS	12		10		13	

e Estimated



SANTEE RIVER BASIN

225

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 mi<sup>2</sup>.

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.--No estimated daily discharges. Records good.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	42	47	62	61	99	69	153	172	48	133	29	46
2	42	47	58	60	92	164	122	105	45	68	29	35
3	40	46	56	64	85	202	110	76	43	55	29	35
4	39	45	55	64	84	117	100	610	43	111	25	34
5	38	45	55	61	80	96	95	293	113	49	25	31
6	83	46	54	169	110	90	91	139	67	38	25	31
7	52	46	54	120	270	86	88	107	55	33	24	29
8	42	45	54	84	190	83	86	90	48	33	23	28
9	40	45	56	78	135	84	88	82	44	33	23	26
10	40	46	146	73	115	86	91	100	43	60	22	26
11	40	45	206	71	105	77	85	89	39	209	21	25
12	46	46	102	68	97	191	90	76	37	110	20	22
13	48	46	89	68	93	244	101	77	38	55	22	104
14	181	46	83	68	88	162	93	81	39	55	22	257
15	90	47	78	66	86	123	88	71	36	45	37	1370
16	55	49	70	66	84	109	85	66	35	42	388	863
17	49	46	96	65	82	157	81	64	34	38	185	180
18	48	47	197	63	79	150	81	71	33	35	65	128
19	46	48	107	279	78	119	79	62	32	32	46	105
20	45	49	86	354	87	115	80	58	32	30	47	89
21	45	47	78	206	90	209	75	58	31	27	38	139
22	45	46	74	154	80	139	68	57	31	30	35	214
23	45	83	75	365	75	114	66	56	40	29	33	120
24	44	313	96	324	73	106	70	55	81	47	32	92
25	210	108	75	556	73	100	84	53	45	77	38	91
26	65	77	69	246	72	106	73	51	45	82	40	171
27	51	68	67	164	71	118	71	50	43	215	37	233
28	46	68	66	135	69	95	71	49	44	51	34	149
29	47	69	65	118	---	90	68	48	38	40	33	104
30	48	68	63	109	---	178	64	48	38	35	35	88
31	47	---	61	102	---	254	---	63	---	31	47	---
TOTAL	1799	1874	2553	4481	2742	4033	2597	3077	1340	1928	1509	4865
MEAN	58.0	62.5	82.4	145	97.9	130	86.6	99.3	44.7	62.2	48.7	162
MAX	210	313	206	556	270	254	153	610	113	215	388	1370
MIN	38	45	54	60	69	69	64	48	31	27	20	22
CFSM	0.69	0.74	0.98	1.72	1.16	1.55	1.03	1.18	0.53	0.74	0.58	1.93
IN.	0.79	0.83	1.13	1.98	1.21	1.78	1.15	1.36	0.59	0.85	0.67	2.15

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 2002, BY WATER YEAR (WY)

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002		
MEAN	113	115	135	206	208	207	177	138	112	96.1	140	93.3
MAX	226	252	200	367	387	320	323	227	191	207	529	162
(WY)	1996	1996	1995	1998	1998	1996	1998	1993	1994	1994	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

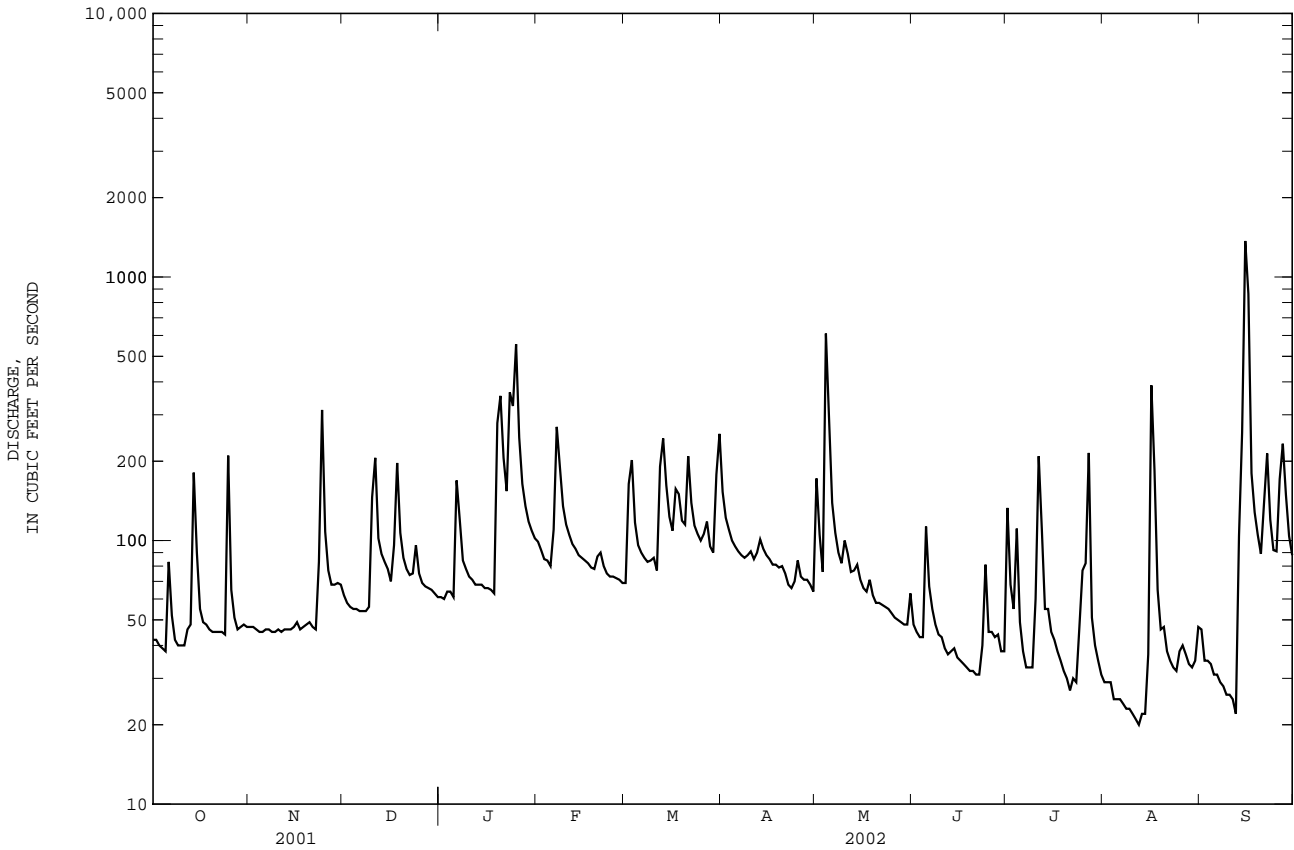
02160326 ENOREE RIVER AT PELHAM, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1993 - 2002	
ANNUAL TOTAL	31515		32798		144	
ANNUAL MEAN	86.3		89.9		204	
HIGHEST ANNUAL MEAN					85.5 1996	
LOWEST ANNUAL MEAN					2001	
HIGHEST DAILY MEAN	625	Jul 25	1370	Sep 15	8500	Aug 27 1995
LOWEST DAILY MEAN	23	Aug 25	20	Aug 12	16	a Sep 18 1999
ANNUAL SEVEN-DAY MINIMUM	27	Aug 22	22	Aug 8	19	Sep 14 1999
MAXIMUM PEAK FLOW			3160	Sep 15	b 11300	Aug 27 1995
MAXIMUM PEAK STAGE			12.66	Sep 15	c 22.98	Aug 27 1995
ANNUAL RUNOFF (CFSM)	1.03		1.07		1.72	
ANNUAL RUNOFF (INCHES)	13.92		14.49		23.30	
10 PERCENT EXCEEDS	143		164		242	
50 PERCENT EXCEEDS	64		68		102	
90 PERCENT EXCEEDS	40		33		46	

a Also occurred Sep. 19, 1999.

b From rating curve extended above 3,000 ft<sup>3</sup>/s on basis of contracted-opening and flow-over-road measurement of peak flow.

c From floodmarks.



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 mi<sup>2</sup>.

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, which are poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.4	4.6	6.8	6.2	14	9.3	23	17	5.2	6.6	0.76	1.3
2	4.2	4.5	6.6	6.1	13	21	17	9.2	e3.9	3.7	0.53	1.1
3	4.3	4.5	6.3	7.0	12	19	15	9.1	e3.6	5.9	0.60	1.1
4	4.3	4.5	6.3	6.9	12	13	14	35	3.4	5.8	0.52	1.5
5	4.2	4.4	6.1	6.8	11	12	13	13	6.1	3.3	0.71	1.2
6	10	4.5	6.0	18	18	12	13	10	3.6	2.3	0.41	1.3
7	5.4	4.8	6.0	10	33	11	12	9.1	3.5	2.1	0.31	1.0
8	4.5	4.7	5.9	8.3	20	11	12	8.5	3.2	1.9	0.38	0.86
9	4.5	4.8	5.8	7.7	16	12	12	7.9	3.0	1.7	0.36	0.69
10	4.5	5.0	13	7.6	15	12	12	9.7	2.8	1.8	0.29	0.62
11	4.1	4.6	14	7.2	14	10	11	9.1	2.9	2.4	0.24	0.43
12	4.0	4.3	8.2	7.1	13	32	12	7.9	2.6	2.4	0.38	0.31
13	4.1	4.5	8.4	7.2	12	34	12	13	2.4	2.5	0.15	4.1
14	12	4.7	7.6	7.0	12	20	11	11	2.4	3.7	0.17	34
15	5.5	5.2	7.1	7.0	11	16	11	7.8	2.4	3.4	0.30	213
16	4.4	4.8	6.9	7.0	11	15	9.9	7.4	2.3	3.0	1.1	42
17	4.1	4.6	9.4	6.9	11	19	9.7	7.3	2.5	2.6	1.2	17
18	4.2	4.7	13	6.7	11	15	9.3	9.0	2.1	2.0	0.81	15
19	4.3	4.8	8.3	44	10	14	8.9	7.2	1.9	1.2	0.52	10
20	4.5	4.9	7.8	34	12	14	8.5	7.0	2.0	0.99	0.35	8.1
21	4.4	4.7	7.3	24	11	22	8.4	6.9	1.8	0.86	0.24	7.9
22	4.2	4.8	7.2	18	10	15	8.1	6.8	1.7	0.77	0.23	7.9
23	3.7	14	7.2	48	10	14	7.6	6.7	2.0	1.0	0.32	7.6
24	3.8	34	7.5	47	9.9	13	7.7	6.6	2.0	1.6	0.25	6.6
25	3.8	9.6	7.0	96	9.8	13	8.7	6.5	2.1	0.98	2.6	7.3
26	3.8	7.6	6.9	29	9.8	14	7.8	6.0	11	0.93	2.3	9.8
27	4.0	7.2	6.5	22	9.5	13	7.9	5.9	4.5	0.96	1.3	9.8
28	4.3	6.9	6.4	19	9.4	12	7.8	5.7	2.7	1.5	1.2	7.1
29	4.4	6.6	6.3	16	---	11	7.6	5.8	13	1.3	1.3	6.8
30	4.5	6.9	6.2	15	---	23	7.0	5.4	9.6	1.5	1.2	6.2
31	4.6	---	6.2	14	---	27	---	5.8	---	1.0	1.3	---
TOTAL	147.0	195.7	234.2	566.7	360.4	498.3	324.9	283.3	112.2	71.69	22.33	431.61
MEAN	4.74	6.52	7.55	18.3	12.9	16.1	10.8	9.14	3.74	2.31	0.72	14.4
MAX	12	34	14	96	33	34	23	35	13	6.6	2.6	213
MIN	3.7	4.3	5.8	6.1	9.4	9.3	7.0	5.4	1.7	0.77	0.15	0.31
CFSM	0.34	0.47	0.54	1.31	0.92	1.15	0.77	0.65	0.27	0.17	0.05	1.03
IN.	0.39	0.52	0.62	1.51	0.96	1.32	0.86	0.75	0.30	0.19	0.06	1.15

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1994 - 2002, BY WATER YEAR (WY)

	1994	1995	1996	1997	1998	1999	2000	2001	2002
MEAN	12.1	12.2	14.3	24.2	26.8	26.3	19.7	12.0	9.41
MAX	24.8	23.5	24.8	47.3	51.4	39.3	57.2	23.9	16.0
(WY)	2000	1996	1998	1995	1998	1998	1998	1998	1997
MIN	4.07	6.52	7.55	9.50	8.16	14.1	10.8	5.91	3.48
(WY)	2001	2002	2002	2001	2001	1999	2002	2001	2000

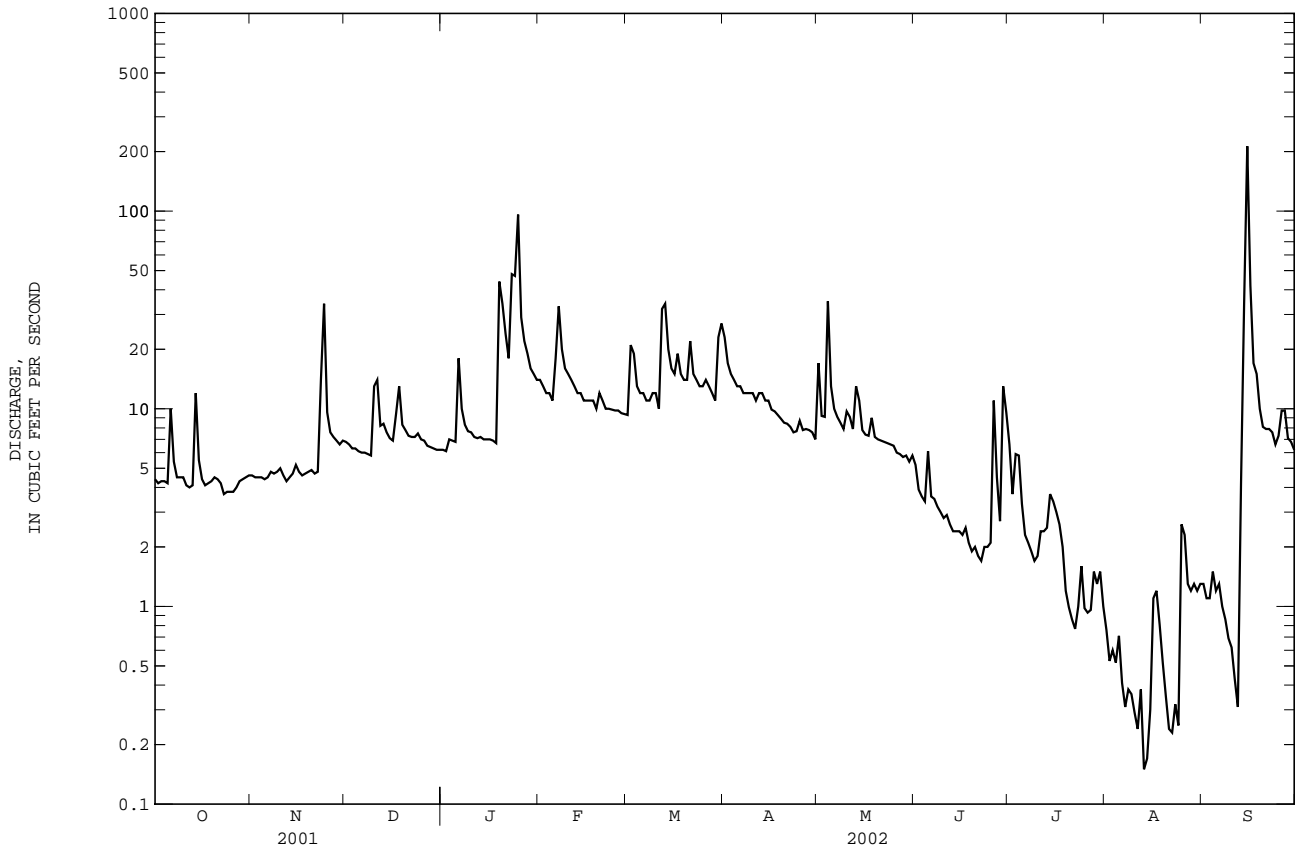
SANTEE RIVER BASIN

02160381 DURBIN CREEK ABOVE FOUNTAIN INN, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1994 - 2002	
ANNUAL TOTAL	3684.5		3248.33		15.6	
ANNUAL MEAN	10.1		8.90		26.2	
HIGHEST ANNUAL MEAN					8.90	
LOWEST ANNUAL MEAN					2002	
HIGHEST DAILY MEAN	207	Sep 4	213	Sep 15	800	Aug 27 1995
LOWEST DAILY MEAN	2.3	Aug 28	0.15	Aug 13	0.15	Aug 13 2002
ANNUAL SEVEN-DAY MINIMUM	2.6	Aug 25	0.27	Aug 9	0.27	Aug 9 2002
MAXIMUM PEAK FLOW			810		Sep 15	
MAXIMUM PEAK STAGE			7.89		Sep 15	
ANNUAL RUNOFF (CFSM)	0.72		0.64		a 14.58	
ANNUAL RUNOFF (INCHES)	9.79		8.63		1.12	
10 PERCENT EXCEEDS	14		15		25	
50 PERCENT EXCEEDS	6.8		6.8		9.9	
90 PERCENT EXCEEDS	4.3		1.1		4.0	

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 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	0.00	0.00	0.00	0.00	0.07	0.72	---	0.00	0.00	0.00
2	0.00	0.00	0.01	0.00	0.00	0.92	0.00	0.00	---	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.02	0.18	0.00	0.19	---	0.05	0.00	0.00
4	0.00	0.00	0.00	0.11	0.00	0.00	0.00	1.05	0.00	0.00	0.00	0.00
5	0.01	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00
6	0.53	0.00	0.00	0.75	0.93	0.00	0.00	0.00	0.04	0.00	0.00	0.00
7	0.01	0.00	0.00	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00	0.16	0.20	0.06	0.00	0.00	0.00	0.00
10	0.00	0.00	0.92	0.00	0.01	0.01	0.01	0.15	0.00	0.35	0.00	0.00
11	0.00	0.00	0.03	---	0.00	0.00	0.00	0.03	0.00	0.03	0.12	0.00
12	0.00	0.00	0.04	---	0.00	0.92	0.19	0.00	0.03	0.00	0.00	0.00
13	0.00	0.00	0.13	0.00	0.00	0.24	0.04	0.37	0.00	0.13	0.00	1.63
14	0.32	0.00	0.01	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00	1.66
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	2.03
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00
17	0.00	0.00	0.43	0.00	0.00	0.29	0.00	0.00	0.00	0.00	0.03	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.00	0.00	0.00	0.37
19	0.00	0.00	0.00	1.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
20	0.00	0.00	0.00	0.00	0.18	0.18	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.24	0.00	0.31	0.00	0.00	0.00	0.00	0.00	0.23
22	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.05
23	0.02	2.15	0.07	0.63	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00
24	0.00	0.39	0.00	1.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.09	0.00	0.00	0.14	0.00	0.00	0.01	0.79	0.23
26	0.00	0.01	0.00	0.00	0.00	0.26	0.00	0.00	0.07	0.00	0.08	0.33
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.02	0.26
28	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.02	0.00
30	0.00	0.11	0.00	0.00	---	0.94	0.00	0.00	0.01	0.00	0.09	0.00
31	0.00	---	0.00	0.01	---	0.22	---	0.00	---	0.00	0.04	---
TOTAL	0.89	2.66	1.64	---	1.39	4.63	0.75	2.77	---	0.63	1.48	6.80

## 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 mi<sup>2</sup>.

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 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e110	114	158	136	250	169	449	210	133	122	50	86
2	e110	115	149	135	236	194	351	305	121	194	49	78
3	e108	114	141	138	218	509	309	191	114	122	47	65
4	e108	113	136	145	209	344	279	700	109	205	47	63
5	e105	109	132	142	199	254	262	794	118	160	43	60
6	e105	109	130	202	204	229	249	377	171	102	41	55
7	e195	110	128	380	568	216	237	292	127	91	40	53
8	e125	111	128	219	514	208	230	247	115	90	39	50
9	e110	110	126	190	357	204	229	222	106	89	38	49
10	e110	109	134	176	301	215	239	215	105	89	37	45
11	e112	109	455	166	272	197	225	235	99	205	37	44
12	e115	109	280	161	251	295	219	209	97	353	35	42
13	e120	108	214	159	240	702	234	202	94	157	34	50
14	e260	109	200	153	227	468	234	230	93	119	36	402
15	391	111	182	150	218	344	220	197	93	123	36	1480
16	e175	117	167	145	212	298	207	179	93	103	520	5400
17	e125	121	161	143	210	302	199	174	91	92	461	1020
18	e115	119	336	143	202	384	193	175	91	98	271	482
19	e115	119	272	228	198	301	189	187	90	e85	135	e300
20	e114	119	203	1130	200	274	183	168	90	e79	93	e185
21	e114	118	182	488	218	401	178	159	89	e75	83	e275
22	e113	114	171	431	204	390	170	156	89	e69	70	e330
23	113	118	164	684	189	299	161	153	89	e64	65	e255
24	111	715	182	735	181	274	157	151	95	e60	61	e220
25	203	363	181	1750	178	261	163	145	113	102	77	182
26	210	229	159	746	178	254	177	140	93	106	162	230
27	136	186	152	471	175	278	158	136	110	210	92	340
28	119	168	149	376	171	251	157	131	90	138	73	306
29	114	162	146	324	---	232	154	129	84	77	69	210
30	115	159	143	293	---	288	148	125	120	61	67	171
31	115	---	138	271	---	607	---	131	---	54	68	---
TOTAL	4291	4587	5599	11010	6780	9642	6560	7065	3122	3694	2976	12528
MEAN	138	153	181	355	242	311	219	228	104	119	96.0	418
MAX	391	715	455	1750	568	702	449	794	171	353	520	5400
MIN	105	108	126	135	171	169	148	125	84	54	34	42
CFSM	0.56	0.61	0.73	1.43	0.97	1.25	0.88	0.92	0.42	0.48	0.39	1.68
IN.	0.64	0.69	0.84	1.64	1.01	1.44	0.98	1.06	0.47	0.55	0.44	1.87

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 2002, BY WATER YEAR (WY)

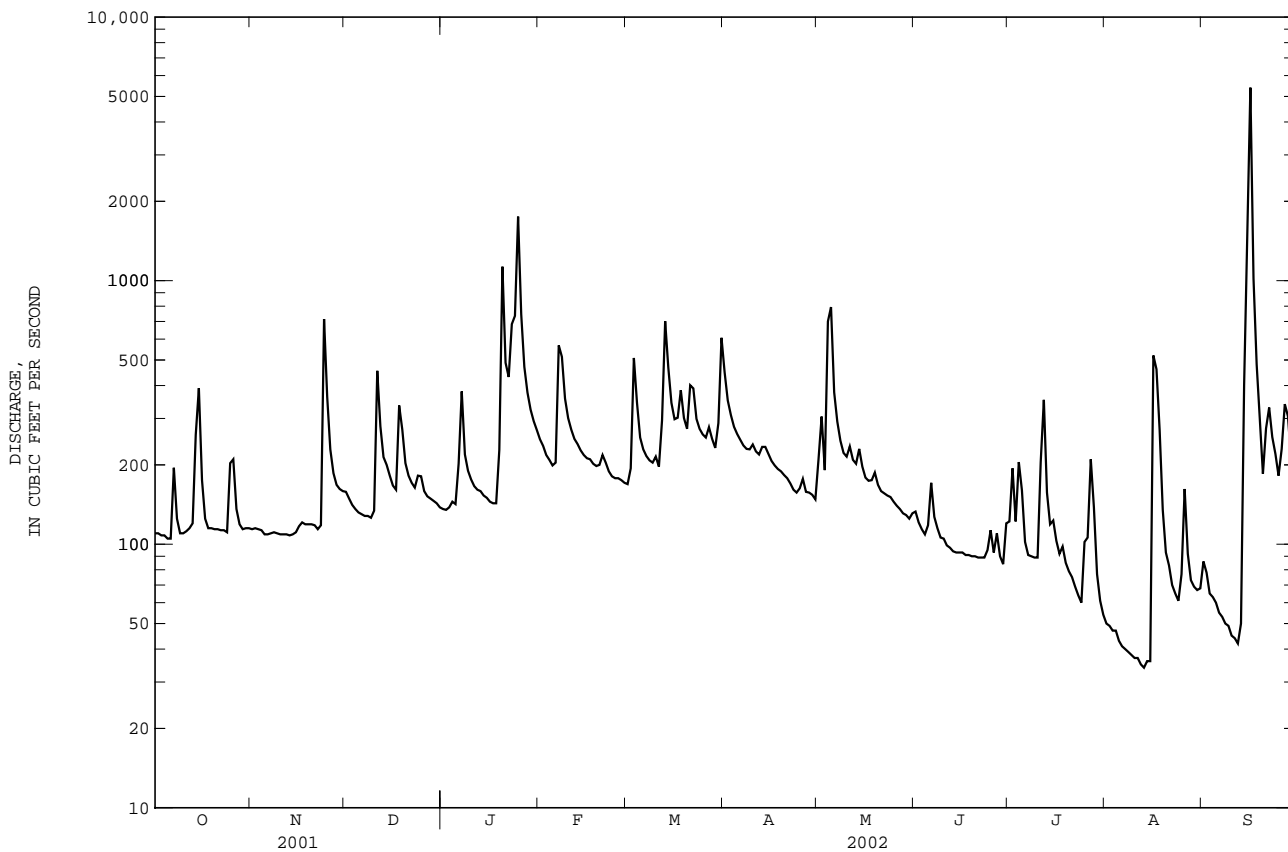
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	
MEAN	264	282	343	492	527	619	448	319	249	211	296	238
MAX	494	728	592	862	1041	1228	1040	560	350	441	1161	418
(WY)	1996	1996	1995	1998	1998	1993	1998	1998	1997	1997	1995	2002
MIN	78.9	153	181	236	210	285	219	151	104	119	81.8	98.2
(WY)	2001	2002	2002	2001	2001	1999	2002	2001	2002	2002	1999	1999

02160390 ENOREE RIVER NEAR WOODRUFF, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1993 - 2002	
ANNUAL TOTAL	80050		77854			
ANNUAL MEAN	219		213		350	
HIGHEST ANNUAL MEAN					528	1998
LOWEST ANNUAL MEAN					213	2002
HIGHEST DAILY MEAN	2600	Sep 4	5400	Sep 16	20000	Aug 27 1995
LOWEST DAILY MEAN	58	Aug 28	34	Aug 13	34	Aug 13 2002
ANNUAL SEVEN-DAY MINIMUM	61	Aug 24	36	Aug 9	36	Aug 9 2002
MAXIMUM PEAK FLOW			6900	Sep 16	a 52200	Aug 27 1995
MAXIMUM PEAK STAGE			16.69	Sep 16	b 29.90	Aug 27 1995
ANNUAL RUNOFF (CFSM)	0.88		0.86		1.41	
ANNUAL RUNOFF (INCHES)	11.96		11.63		19.12	
10 PERCENT EXCEEDS	362		352		582	
50 PERCENT EXCEEDS	162		159		249	
90 PERCENT EXCEEDS	105		70		110	

a From rating curve extended above 5,690 ft<sup>3</sup>/s, and on basis of contracted-opening measurement of peak flow.  
 b From floodmarks.

e Estimated

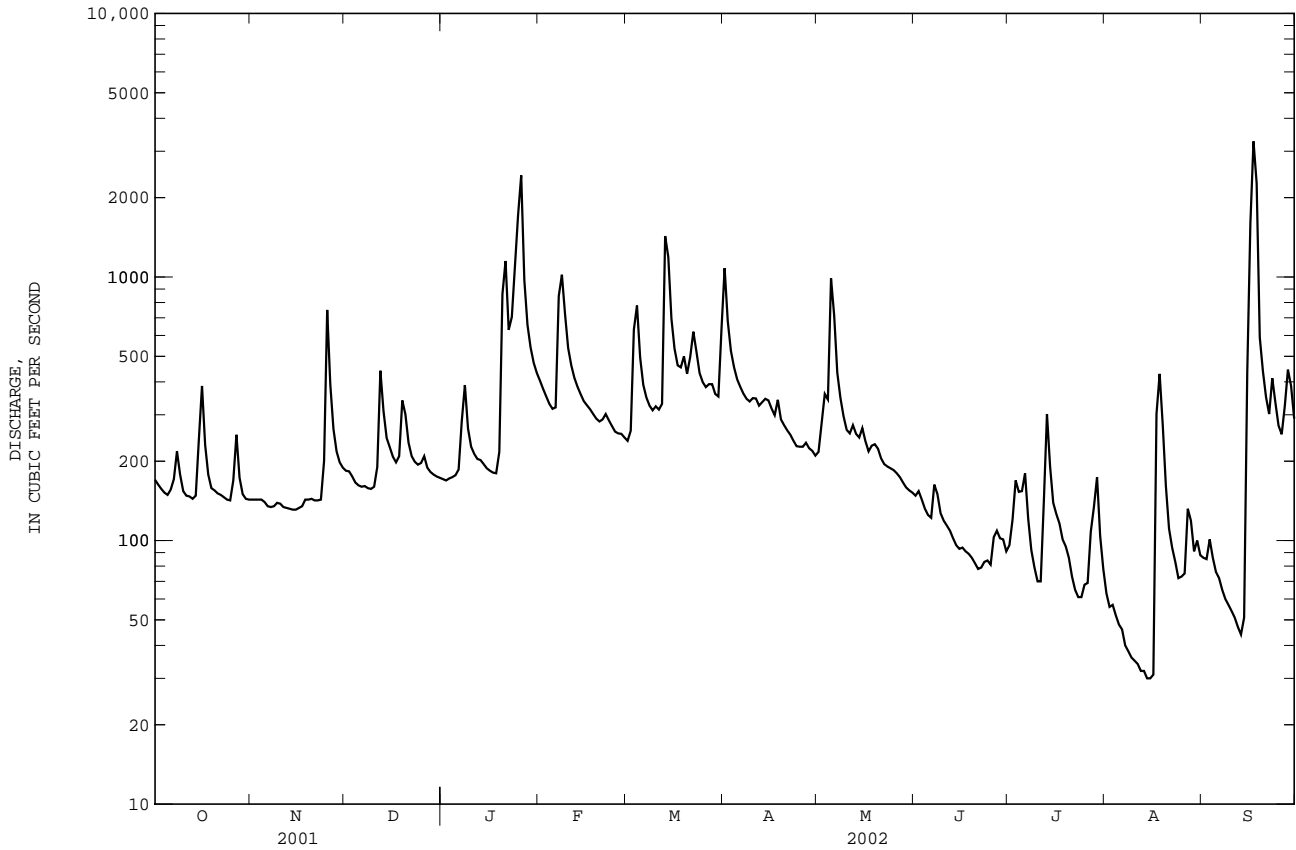




02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1974 - 2002	
ANNUAL TOTAL	103469		100868			
ANNUAL MEAN	283		276		549	
HIGHEST ANNUAL MEAN					859 1984	
LOWEST ANNUAL MEAN					267 1988	
HIGHEST DAILY MEAN	3080	Mar 31	3270	Sep 17	22700	Aug 29 1995
LOWEST DAILY MEAN	86	a Aug 28	30	b Aug 14	30	b Aug 14 2002
ANNUAL SEVEN-DAY MINIMUM	89	Aug 25	32	Aug 10	32	Aug 10 2002
MAXIMUM PEAK FLOW			4550	Sep 18	31200	Aug 28 1995
MAXIMUM PEAK STAGE			24.94	Sep 18	37.32	Aug 28 1995
INSTANTANEOUS LOW FLOW			26	Aug 15	26	Aug 15 2002
ANNUAL RUNOFF (CFSM)	0.64		0.62		1.24	
ANNUAL RUNOFF (INCHES)	8.67		8.45		16.79	
10 PERCENT EXCEEDS	473		481		980	
50 PERCENT EXCEEDS	203		189		377	
90 PERCENT EXCEEDS	135		76		160	

a Also occurred Aug. 30.  
 b Also occurred Aug. 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 Jan. 22, 23, and Mar. 28, 29, which are poor. pH records rated excellent except for June 22 to June 25, which are good. Temperature records rated excellent. Dissolved oxygen records rated good except for Apr. 4 to Apr. 6, July 21 to July 23, Aug. 20 to Aug. 26, Sep. 15, 16, 25, 26 which are fair, and Apr. 7 to Apr. 18, Sep. 27 to Sep. 29, 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, 216 microsiemens, Aug. 17; minimum, 36 microsiemens, Sep. 17.

pH: Maximum, 8.7 units, Aug. 11; minimum, 6.0 units, Mar. 5, Sep. 17, 18.

WATER TEMPERATURE: Maximum, 32.0°C, July 31; minimum, 1.1°C, Jan. 5.

DISSOLVED OXYGEN: Maximum, 13.5 mg/L, Jan. 5; minimum, 5.1 mg/L, Sep. 18.

## SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	117	107	112	131	124	127	115	105	110	142	134	137
2	123	115	119	128	124	126	121	112	117	138	136	137
3	128	120	124	130	125	126	123	117	119	138	135	137
4	133	125	128	132	126	129	124	117	120	142	133	136
5	133	125	128	135	132	133	125	117	121	138	131	133
6	129	119	125	138	134	136	126	120	121	132	128	131
7	131	122	127	137	133	136	124	117	120	130	110	121
8	138	128	132	138	131	135	125	118	120	119	106	112
9	140	135	138	135	128	132	125	121	123	108	95	101
10	135	114	124	133	127	129	124	119	122	104	95	98
11	119	113	116	135	128	132	123	116	119	105	98	101
12	124	119	121	134	129	132	120	98	114	106	102	104
13	125	121	123	137	131	133	98	84	86	111	106	108
14	128	124	126	137	132	134	94	86	90	113	108	111
15	136	126	129	139	133	136	105	93	98	119	113	116
16	136	79	110	139	133	135	109	101	105	122	116	119
17	84	78	81	136	130	133	110	102	106	121	116	118
18	94	84	89	134	131	132	120	104	112	124	116	118
19	102	92	98	135	131	133	119	109	115	124	96	116
20	109	100	105	136	131	133	112	98	104	114	77	95
21	119	109	114	144	130	135	114	103	106	77	66	70
22	127	119	123	138	129	133	113	107	110	73	67	70
23	131	127	129	132	120	128	117	112	114	76	65	71
24	133	129	130	125	112	119	128	116	121	71	62	68
25	133	129	131	112	71	95	132	122	127	63	56	60
26	134	129	131	78	69	73	137	128	131	61	53	56
27	143	131	137	84	77	80	138	129	132	65	55	60
28	136	105	116	93	83	88	138	126	129	78	64	72
29	110	106	108	99	92	95	140	125	131	88	76	82
30	117	108	112	105	99	102	140	133	135	96	84	89
31	124	117	121	---	---	---	138	134	136	95	87	90
MONTH	143	78	120	144	69	123	140	84	117	142	53	101

02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	98	90	93	100	96	98	74	57	65	105	95	101
2	96	90	92	98	90	95	67	57	63	104	93	99
3	92	89	90	90	73	80	79	65	72	99	85	93
4	99	88	91	82	66	76	88	74	80	85	67	75
5	94	88	90	73	66	70	84	78	81	86	47	69
6	92	89	91	77	72	74	89	81	85	---	---	---
7	90	64	73	128	77	101	94	83	89	---	---	---
8	78	64	70	113	82	91	98	89	94	---	---	---
9	78	68	72	90	87	88	101	89	95	79	75	77
10	82	72	76	94	89	91	97	91	93	85	79	83
11	81	72	76	97	91	94	98	89	93	90	85	87
12	82	74	78	96	80	90	95	90	93	94	90	92
13	88	81	84	80	55	62	98	92	95	96	93	94
14	92	82	86	61	56	58	101	91	96	96	92	94
15	93	86	89	64	59	61	107	91	98	97	92	95
16	96	90	92	68	62	66	107	92	100	94	92	93
17	99	93	94	74	68	70	107	91	97	95	92	93
18	100	92	96	77	74	75	97	76	88	97	94	95
19	104	96	98	77	73	76	103	90	96	100	96	98
20	99	95	97	74	71	72	104	95	99	104	98	101
21	96	94	95	74	68	71	104	97	100	105	101	102
22	96	94	95	81	72	76	109	97	102	103	101	102
23	99	96	97	79	71	75	111	99	105	106	102	105
24	103	97	99	79	72	75	107	101	104	108	103	105
25	101	97	99	80	77	78	106	99	102	110	105	108
26	105	99	102	82	80	81	109	97	101	111	106	108
27	102	97	99	89	80	83	109	99	104	114	107	110
28	100	95	98	108	78	90	113	102	107	111	106	109
29	---	---	---	92	82	85	108	101	106	113	107	110
30	---	---	---	86	83	84	110	97	104	110	107	109
31	---	---	---	86	74	80	---	---	---	111	106	109
MONTH	105	64	90	128	55	80	113	57	94	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	111	107	109	143	134	140	121	111	116	141	132	136
2	114	109	111	153	134	144	130	121	125	149	140	144
3	117	112	115	149	126	142	137	128	133	158	146	153
4	121	114	117	126	116	121	138	128	133	159	155	157
5	117	111	114	119	103	112	146	137	142	160	149	156
6	118	116	117	123	106	117	150	143	147	155	147	150
7	118	114	116	113	99	103	155	147	151	153	146	150
8	121	116	118	111	101	107	159	152	155	152	145	149
9	116	111	113	116	110	112	166	159	163	156	147	152
10	113	110	111	121	114	118	170	165	167	158	150	154
11	116	111	114	123	118	120	171	167	169	160	151	156
12	124	114	119	127	121	124	172	168	170	163	155	160
13	127	124	125	128	92	110	174	171	172	165	160	162
14	128	123	125	93	85	87	175	171	173	162	146	157
15	139	124	130	95	87	90	173	152	168	154	84	134
16	132	128	130	110	95	102	179	157	172	84	40	54
17	134	129	131	134	110	123	216	81	160	40	36	38
18	138	133	136	145	134	140	81	72	77	61	40	52
19	141	137	139	152	142	147	79	71	75	72	60	66
20	145	140	142	152	122	132	89	77	85	81	72	78
21	145	140	143	132	126	129	95	88	92	89	81	86
22	143	136	140	135	128	131	113	93	105	97	89	93
23	145	137	140	136	130	133	120	107	115	101	97	99
24	147	129	140	140	117	136	130	116	124	100	88	94
25	148	138	145	149	117	140	132	107	124	90	86	88
26	156	145	150	162	149	156	135	123	131	93	89	90
27	163	156	160	168	149	160	145	115	128	101	93	97
28	157	142	151	166	139	160	152	144	148	103	92	99
29	146	142	144	139	123	134	151	129	140	92	88	90
30	144	140	142	123	105	112	129	103	113	89	86	88
31	---	---	---	112	104	108	132	117	127	---	---	---
MONTH	163	107	130	168	85	125	216	71	135	165	36	116

## SANTEE RIVER BASIN

02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	7.4	6.8	7.2	7.0	7.2	6.9	7.2	7.1	7.0	6.8	6.7	6.1
2	7.4	7.0	7.1	6.9	7.2	7.0	7.2	7.2	6.9	6.3	6.4	6.1
3	7.4	7.0	7.4	6.9	7.2	6.9	7.4	7.2	6.6	6.3	7.1	6.4
4	7.5	6.9	7.4	7.1	7.0	6.9	7.5	7.3	7.2	6.4	7.1	6.1
5	7.4	7.2	7.1	6.7	7.0	6.9	7.3	7.2	6.7	6.3	7.1	6.0
6	7.4	7.2	7.0	6.8	7.1	6.8	7.3	7.3	6.5	6.4	7.2	6.4
7	7.5	6.9	7.0	6.8	7.1	6.8	7.3	7.0	6.6	6.2	6.9	6.1
8	7.3	6.8	7.1	6.8	7.1	6.9	7.1	6.9	6.3	6.2	6.8	6.4
9	7.4	6.8	7.1	6.9	7.1	6.8	7.1	7.0	6.8	6.2	6.9	6.8
10	7.4	7.0	7.1	6.9	7.0	6.9	7.0	7.0	6.9	6.7	7.3	6.4
11	7.4	7.0	7.1	6.8	7.0	6.7	7.1	7.0	7.0	6.4	7.5	6.5
12	7.4	7.3	7.1	6.9	6.9	6.7	7.1	7.0	7.2	6.4	6.8	6.7
13	7.4	6.9	7.2	6.9	6.8	6.7	7.2	7.1	7.3	6.8	6.7	6.3
14	7.3	6.8	7.2	7.0	6.8	6.6	7.1	7.0	7.4	6.7	7.0	6.2
15	7.3	6.9	7.3	7.0	6.9	6.7	7.1	7.0	7.4	6.7	7.0	6.6
16	7.3	6.6	7.3	7.0	6.8	6.6	7.0	7.0	7.4	7.0	7.1	6.4
17	7.2	6.6	7.3	7.0	7.2	6.6	7.1	7.0	7.5	6.8	7.1	6.9
18	7.2	6.6	7.3	7.0	7.4	7.2	7.2	6.9	7.4	6.7	7.2	6.5
19	7.3	6.6	7.3	6.9	7.4	7.3	7.1	6.9	7.4	6.7	7.2	6.7
20	7.3	6.7	7.3	7.0	7.3	7.1	7.3	6.5	7.3	6.7	7.1	6.9
21	7.3	6.7	7.3	7.0	7.3	6.9	6.6	6.3	7.4	6.8	7.2	6.9
22	7.3	7.1	7.3	6.9	7.2	7.0	6.7	6.4	7.4	6.8	7.0	6.4
23	7.4	7.3	7.2	6.9	7.1	7.0	6.6	6.4	7.4	6.8	6.4	6.2
24	7.4	7.2	7.1	6.9	7.1	6.9	6.6	6.5	7.4	6.8	7.1	6.2
25	7.3	7.0	6.9	6.6	7.1	6.7	6.6	6.3	7.4	6.8	7.2	6.5
26	7.4	6.8	6.8	6.6	7.1	6.8	6.6	6.2	7.4	6.8	7.2	7.0
27	6.9	6.7	6.9	6.8	7.1	7.0	6.3	6.1	6.9	6.7	7.3	6.9
28	6.9	6.7	7.0	6.8	7.2	7.0	6.8	6.1	6.8	6.7	7.3	6.7
29	7.2	6.6	7.1	6.7	7.3	7.0	6.9	6.4	---	---	7.0	6.8
30	7.3	6.6	7.1	6.8	7.2	7.1	7.0	6.5	---	---	6.9	6.8
31	7.4	6.9	---	---	7.2	7.1	7.1	6.5	---	---	7.4	6.8
MONTH	7.5	6.6	7.4	6.6	7.4	6.6	7.5	6.1	7.5	6.2	7.5	6.0
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	7.2	7.1	7.1	7.0	7.3	7.1	7.6	7.5	7.4	7.2	7.3	7.2
2	7.2	6.8	7.2	7.0	7.3	7.2	7.6	7.4	7.4	7.2	7.4	7.2
3	7.0	6.8	7.0	6.9	7.2	7.1	7.6	7.4	7.6	7.2	7.4	7.3
4	7.1	6.9	7.0	6.8	7.5	7.1	7.5	7.4	7.6	7.3	7.4	7.2
5	7.0	6.9	6.9	6.6	7.6	7.5	7.5	7.2	7.7	7.2	7.4	7.2
6	7.6	6.9	---	---	7.6	7.4	7.5	7.3	7.6	7.1	7.4	7.2
7	7.6	6.9	---	---	7.6	7.2	7.5	7.4	7.7	7.2	7.4	7.2
8	7.6	7.3	---	---	7.6	7.0	7.6	7.0	8.0	7.2	7.4	7.2
9	7.5	7.4	7.0	6.9	7.6	7.0	7.6	7.5	8.4	7.1	7.4	7.2
10	7.5	7.4	7.0	6.9	7.6	7.1	7.6	7.4	8.3	7.1	7.4	7.2
11	7.6	7.0	7.0	6.8	7.6	7.0	7.6	7.5	8.7	7.0	7.4	7.2
12	7.0	7.0	7.0	6.9	7.5	6.9	7.6	7.4	8.6	7.0	7.4	7.2
13	7.0	6.9	7.1	7.0	7.7	7.0	7.5	7.2	8.5	6.9	7.4	7.1
14	7.1	6.9	7.1	7.0	7.6	7.5	7.4	7.2	7.9	6.9	7.5	7.2
15	7.1	6.9	7.1	7.0	7.7	7.6	7.4	7.3	7.5	6.9	7.2	6.7
16	7.2	7.0	7.1	7.0	7.6	7.5	7.4	7.4	7.6	6.9	6.7	6.3
17	7.2	7.0	7.1	7.0	7.6	7.4	7.5	7.3	7.1	6.6	6.3	6.0
18	7.1	6.8	7.1	6.9	7.6	7.4	7.5	7.0	6.6	6.5	6.4	6.0
19	7.1	7.0	7.1	6.9	7.6	7.5	7.5	6.9	6.7	6.6	6.6	6.4
20	7.2	7.0	7.1	6.9	7.7	7.5	7.6	7.0	6.8	6.7	6.8	6.6
21	7.4	7.1	7.1	6.9	7.7	7.3	7.6	7.0	6.9	6.8	6.9	6.8
22	7.6	7.1	7.1	6.9	7.5	7.3	7.6	6.9	7.0	6.9	7.0	6.9
23	7.6	7.0	7.1	6.9	7.5	7.3	7.6	7.2	7.2	7.0	7.0	7.0
24	7.6	7.0	7.1	6.9	7.5	7.2	7.4	7.1	7.2	7.1	7.0	7.0
25	7.6	7.1	7.1	7.0	7.3	6.9	7.5	7.1	7.2	7.0	7.1	7.0
26	7.2	7.1	7.2	7.0	7.7	6.8	7.6	7.2	7.2	7.0	7.1	7.1
27	7.3	7.0	7.2	7.0	7.7	7.2	7.5	7.3	7.1	7.0	7.2	7.1
28	7.3	7.0	7.2	7.1	7.7	7.3	7.6	7.2	7.2	7.1	7.2	7.1
29	7.1	7.0	7.2	7.1	7.7	7.4	7.4	7.2	7.2	7.2	7.1	7.1
30	7.2	7.1	7.2	7.1	7.6	7.3	7.4	7.2	7.2	7.0	7.2	7.1
31	---	---	7.3	7.1	---	---	7.4	7.2	7.2	7.1	---	---
MONTH	7.6	6.8	---	---	7.7	6.8	7.6	6.9	8.7	6.5	7.5	6.0

02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	17.6	14.4	16.0	13.3	9.9	11.6	16.5	14.3	15.4	5.4	4.1	4.7
2	18.1	14.6	16.3	14.0	11.6	12.9	14.3	12.5	13.4	4.2	2.6	3.6
3	18.8	15.2	16.9	16.6	13.4	14.8	12.7	10.5	11.6	2.7	2.4	2.6
4	19.1	15.7	17.4	16.5	13.9	15.2	10.9	8.7	9.8	3.2	1.6	2.4
5	18.3	16.2	17.5	14.6	11.9	13.1	11.4	8.9	10.0	2.9	1.1	2.0
6	19.2	17.8	18.4	12.6	9.8	11.1	12.5	9.8	11.0	3.2	2.1	2.6
7	17.8	15.2	16.6	11.8	8.4	10.0	13.2	10.5	11.7	3.8	2.7	3.1
8	15.9	13.6	14.7	11.7	8.5	10.0	13.8	11.4	12.5	4.0	2.7	3.1
9	14.9	12.5	13.6	12.3	8.8	10.4	13.7	12.1	13.0	4.4	2.3	3.3
10	15.0	12.2	13.7	12.1	8.7	10.3	13.1	10.6	11.8	6.3	3.9	5.1
11	16.7	13.8	15.3	12.0	8.7	10.3	11.1	10.1	10.5	7.8	6.0	6.8
12	17.4	15.8	16.7	11.9	8.9	10.2	11.0	10.4	10.9	6.8	5.6	6.2
13	18.5	16.4	17.5	10.4	7.7	9.0	11.6	10.9	11.2	6.7	5.1	5.9
14	19.6	17.5	18.3	10.2	7.4	8.8	13.2	11.6	12.4	5.6	4.7	5.1
15	18.7	16.1	17.3	11.1	8.4	9.6	13.6	11.6	12.6	6.2	4.3	5.2
16	17.7	15.6	16.7	11.2	7.9	9.5	11.6	10.1	10.8	5.6	4.3	4.9
17	15.6	13.3	14.6	11.8	8.5	10.1	12.3	10.6	11.4	5.7	3.8	4.8
18	13.9	11.5	12.7	11.9	9.1	10.3	12.8	11.7	12.2	7.5	5.4	6.4
19	13.8	10.6	12.1	11.9	9.1	10.3	11.7	10.1	10.8	7.0	6.1	6.7
20	15.0	11.6	13.2	11.4	9.3	10.2	10.1	8.7	9.6	6.4	5.5	6.0
21	15.7	12.6	14.2	10.5	8.1	9.3	8.7	7.2	7.8	6.5	6.0	6.3
22	17.7	14.6	16.0	9.4	6.6	8.0	7.3	6.0	6.7	6.7	6.1	6.4
23	18.8	15.7	17.1	10.3	7.7	8.8	7.2	5.9	6.5	7.5	6.6	7.1
24	19.4	16.3	17.8	12.4	10.3	11.4	8.3	6.9	7.5	9.4	7.5	8.4
25	20.4	17.2	18.8	13.4	11.8	12.6	6.9	5.8	6.3	10.3	9.4	9.9
26	17.2	14.3	15.7	14.8	13.4	14.0	6.3	5.1	5.6	10.1	8.8	9.3
27	14.3	11.6	13.2	15.4	13.8	14.5	5.4	4.1	4.6	8.8	8.0	8.3
28	12.0	9.6	10.7	15.8	14.2	14.9	5.3	3.7	4.4	9.0	8.1	8.4
29	11.3	8.1	9.6	16.0	14.1	15.0	6.8	4.7	5.7	10.1	8.5	9.2
30	11.8	8.1	9.8	16.2	15.2	15.7	6.4	5.2	5.7	11.7	9.9	10.8
31	12.2	8.6	10.4	---	---	---	5.3	4.5	5.0	13.0	11.5	12.2
MONTH	20.4	8.1	15.1	16.6	6.6	11.4	16.5	3.7	9.6	13.0	1.1	6.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	14.2	12.9	13.4	7.7	4.4	6.0	17.0	15.9	16.4	20.0	18.3	19.3
2	13.6	11.5	12.8	6.9	6.2	6.5	17.2	15.9	16.6	22.8	19.4	20.9
3	11.5	9.9	10.4	8.0	6.6	7.3	19.0	16.5	17.7	22.0	20.9	21.5
4	9.9	8.0	9.0	8.0	7.1	7.6	18.6	16.8	17.7	20.9	17.0	18.7
5	8.0	6.3	7.0	7.6	6.2	6.8	17.4	15.1	16.2	17.1	15.8	16.5
6	6.3	5.8	5.9	8.5	5.8	7.1	16.7	14.3	15.4	---	---	---
7	6.5	5.9	6.1	9.7	6.8	8.2	16.2	13.3	14.7	---	---	---
8	7.3	6.2	6.7	10.8	8.0	9.5	16.4	13.5	15.0	---	---	---
9	7.8	6.8	7.3	13.2	10.4	11.6	16.6	15.2	16.0	24.6	21.2	22.9
10	9.0	7.5	8.4	14.0	11.8	12.7	17.7	16.0	16.8	25.2	22.6	23.8
11	10.1	8.7	9.3	12.4	10.0	11.2	20.1	17.1	18.4	24.0	21.9	22.9
12	9.4	8.0	8.7	10.8	10.1	10.5	18.9	17.9	18.4	23.0	21.0	21.9
13	9.1	7.4	8.2	10.2	9.6	9.9	18.3	17.4	17.9	24.1	21.8	22.8
14	9.2	7.0	8.0	12.1	10.1	10.9	19.8	17.2	18.4	22.6	20.2	21.4
15	9.2	6.8	8.0	14.2	12.1	13.2	21.6	18.2	19.7	21.5	18.6	20.0
16	10.6	8.0	9.1	15.9	14.0	14.9	22.9	19.6	21.1	21.4	18.2	19.9
17	10.5	8.3	9.2	16.2	15.3	15.7	23.5	20.5	22.0	22.6	19.4	21.0
18	9.4	6.8	8.1	15.4	14.3	14.7	23.9	20.5	22.2	21.7	19.7	21.1
19	8.9	6.1	7.5	14.8	14.3	14.5	24.6	21.7	23.2	19.9	17.7	18.7
20	8.9	7.4	8.2	15.4	14.2	14.8	24.7	22.0	23.4	18.6	16.4	17.6
21	11.4	8.6	9.8	15.4	14.6	15.0	24.8	22.1	23.4	18.1	16.8	17.3
22	10.8	9.1	10.1	14.7	12.8	13.8	24.2	21.9	23.1	18.5	15.5	16.8
23	10.3	9.2	9.8	12.9	11.3	12.1	22.1	19.6	20.8	19.1	14.9	16.9
24	10.3	7.5	8.8	13.0	10.8	11.9	20.2	18.0	19.3	20.4	15.9	18.1
25	10.6	7.3	8.9	14.1	11.9	13.0	22.2	19.0	20.3	22.0	17.8	19.8
26	11.5	8.3	9.7	15.4	13.8	14.6	20.2	18.1	19.0	22.9	19.4	21.1
27	10.1	7.5	9.0	16.7	14.8	15.7	18.7	17.1	17.9	24.6	20.6	22.4
28	8.1	5.3	6.6	15.9	14.2	15.0	20.4	18.0	19.1	24.4	21.0	22.6
29	---	---	---	15.4	13.4	14.3	21.4	19.1	20.0	24.9	21.3	22.9
30	---	---	---	15.5	14.4	15.0	20.7	18.5	19.4	24.3	22.8	23.5
31	---	---	---	16.1	15.1	15.6	---	---	---	25.9	22.5	24.0
MONTH	14.2	5.3	8.7	16.7	4.4	11.9	24.8	13.3	19.0	---	---	---

## SANTEE RIVER BASIN

02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	27.7	23.3	25.3	29.8	25.7	27.2	30.6	26.2	28.1	23.6	21.7	22.5
2	28.4	24.5	26.3	29.3	25.3	27.1	31.1	25.8	27.9	25.8	22.4	23.8
3	29.4	25.8	27.3	28.4	25.9	27.1	31.2	25.1	27.6	27.4	22.8	24.8
4	29.3	25.9	27.4	28.6	25.6	27.0	30.6	24.4	27.3	28.8	23.4	25.8
5	29.8	25.8	27.6	29.8	25.5	27.5	31.2	25.0	27.8	29.1	24.4	26.4
6	28.3	26.6	27.3	29.8	27.0	28.3	30.2	25.3	27.7	28.4	23.0	25.4
7	27.6	25.6	26.4	29.9	26.5	27.9	30.0	24.4	26.7	27.1	22.4	24.5
8	26.7	23.8	25.0	29.4	24.5	26.7	28.4	21.2	24.5	26.9	21.2	23.9
9	26.2	21.6	23.8	29.5	24.0	26.5	28.1	21.4	24.4	27.2	21.6	24.1
10	26.6	21.4	23.9	29.4	25.8	27.4	28.0	21.4	24.5	26.2	20.5	23.2
11	27.4	22.1	24.5	26.9	24.6	26.0	28.9	21.3	24.7	26.8	20.3	23.4
12	28.0	22.5	25.0	24.6	23.2	23.9	29.3	22.4	25.4	25.7	21.9	23.6
13	28.2	23.2	25.6	24.8	23.6	24.1	29.5	22.6	25.7	25.4	21.9	23.6
14	27.8	24.4	25.8	27.5	24.5	25.8	28.6	23.4	25.8	25.5	23.2	24.0
15	27.6	22.9	25.1	27.3	25.3	26.1	28.4	24.8	26.3	23.7	22.6	23.3
16	26.1	21.5	23.8	29.3	25.2	26.9	30.6	24.8	27.3	23.2	22.4	22.8
17	26.4	22.7	24.4	30.0	26.1	27.8	27.8	25.2	26.5	23.3	23.1	23.2
18	25.6	22.2	24.0	30.7	26.2	28.2	26.9	26.0	26.4	23.5	23.3	23.4
19	27.0	22.2	24.3	30.8	26.3	28.4	27.3	26.1	26.6	23.9	23.2	23.6
20	27.9	22.7	24.9	30.8	26.1	28.2	29.1	25.4	27.1	24.7	23.6	24.1
21	26.4	22.1	24.3	28.9	25.7	27.3	30.3	25.7	27.7	24.4	23.7	24.1
22	24.7	23.1	23.9	29.8	25.2	27.0	30.0	26.3	28.0	24.5	23.8	24.2
23	26.9	22.9	24.4	29.0	25.1	26.8	30.8	25.5	27.8	24.4	23.7	24.0
24	28.5	23.5	25.5	28.8	25.3	26.9	31.4	26.1	28.4	23.7	22.8	23.2
25	28.8	24.6	26.3	29.2	25.5	26.9	28.3	25.5	26.6	22.8	21.4	22.0
26	28.3	25.7	26.7	29.1	25.6	27.1	28.2	24.8	26.2	21.4	20.9	21.1
27	29.6	25.6	27.2	29.6	26.1	27.6	25.8	24.5	25.1	22.5	21.1	21.8
28	27.3	25.8	26.5	31.5	26.8	28.7	25.3	23.8	24.7	22.2	21.7	22.0
29	28.8	24.8	26.5	30.9	27.5	29.0	24.4	23.1	23.6	22.9	21.8	22.2
30	29.0	24.9	26.8	31.3	27.5	29.2	23.4	22.6	22.9	23.2	21.8	22.4
31	---	---	---	32.0	26.8	29.0	22.9	22.1	22.5	---	---	---
MONTH	29.8	21.4	25.5	32.0	23.2	27.2	31.4	21.2	26.2	29.1	20.3	23.5

02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	9.3	8.8	9.0	10.2	9.3	9.7	9.2	8.7	8.9	12.2	11.8	12.0
2	9.3	8.7	8.9	9.7	8.9	9.3	9.8	8.9	9.4	12.5	12.1	12.3
3	9.1	8.6	8.8	9.4	8.5	8.9	10.4	9.5	10.0	12.8	12.5	12.7
4	9.0	8.5	8.7	9.1	8.4	8.7	11.0	10.0	10.6	13.2	12.6	12.9
5	8.9	8.4	8.6	9.6	8.6	9.0	11.0	10.3	10.7	13.5	12.9	13.2
6	8.4	8.1	8.2	9.9	8.8	9.4	10.9	10.1	10.4	13.0	12.4	12.7
7	9.0	8.2	8.7	10.4	9.3	9.8	10.7	9.8	10.2	12.5	12.3	12.4
8	9.4	8.8	9.2	10.3	9.5	9.8	10.3	9.4	9.8	12.4	12.2	12.3
9	9.8	9.1	9.4	10.3	9.5	9.8	10.1	9.4	9.7	12.7	12.0	12.4
10	9.8	9.1	9.5	10.4	9.4	9.8	10.1	9.5	9.8	12.0	11.2	11.8
11	9.3	8.6	9.0	10.4	9.4	9.8	10.6	10.1	10.3	11.2	10.7	11.0
12	8.7	8.2	8.5	10.5	9.5	9.9	10.2	10.0	10.1	11.4	10.7	11.1
13	8.5	7.9	8.2	10.8	9.7	10.2	10.0	9.9	9.9	11.5	11.1	11.3
14	7.9	7.4	7.7	10.9	9.8	10.3	9.9	9.4	9.7	11.2	11.0	11.1
15	8.2	7.5	7.9	10.8	9.8	10.1	10.0	9.4	9.7	11.5	11.1	11.3
16	7.9	7.8	7.8	11.0	9.9	10.3	10.6	9.8	10.2	11.6	11.1	11.4
17	8.6	7.9	8.4	11.1	9.8	10.3	10.3	9.1	9.9	12.0	11.5	11.7
18	9.4	8.6	9.0	11.0	9.8	10.2	9.1	8.7	8.9	11.6	10.7	11.2
19	9.6	9.0	9.2	11.1	9.8	10.2	9.6	8.8	9.3	11.1	10.5	10.8
20	9.3	8.7	9.0	11.0	9.8	10.2	10.2	9.6	9.9	11.3	11.1	11.2
21	9.2	8.4	8.8	11.4	9.9	10.5	11.1	10.1	10.8	11.3	11.1	11.2
22	8.5	7.8	8.3	11.9	10.3	11.0	11.6	11.0	11.3	11.4	11.1	11.2
23	8.1	7.4	7.8	11.4	10.0	10.7	11.5	11.0	11.3	11.4	11.1	11.2
24	8.0	7.2	7.6	10.2	9.1	9.7	11.1	10.7	10.8	11.1	10.4	10.9
25	7.5	7.1	7.3	9.1	8.4	8.7	11.4	10.7	11.1	10.4	10.0	10.2
26	8.7	7.4	8.1	8.8	8.4	8.6	11.7	11.3	11.5	10.3	10.0	10.1
27	9.0	8.2	8.7	9.0	8.6	8.8	12.1	11.5	11.9	10.9	10.3	10.7
28	10.1	9.0	9.8	9.2	8.7	8.9	12.4	11.9	12.1	11.0	10.7	10.8
29	10.8	10.0	10.3	9.4	8.8	9.0	11.9	11.3	11.7	10.8	10.3	10.6
30	10.8	10.0	10.3	8.8	8.7	8.8	11.8	11.3	11.6	10.3	9.8	10.1
31	10.6	9.7	10.1	---	---	---	12.1	11.7	11.8	9.8	9.3	9.7
MONTH	10.8	7.1	8.7	11.9	8.4	9.7	12.4	8.7	10.4	13.5	9.3	11.4
DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	9.4	9.2	9.3	11.8	11.1	11.4	9.5	9.3	9.4	7.7	7.3	7.5
2	9.9	9.2	9.6	11.3	11.0	11.2	9.7	9.3	9.5	7.5	6.9	7.2
3	10.4	9.9	10.3	11.0	10.7	10.9	9.7	9.0	9.4	7.1	6.8	6.9
4	10.9	10.4	10.6	11.1	10.7	10.9	9.6	9.0	9.3	8.3	7.0	7.7
5	11.5	10.7	11.2	11.5	11.1	11.3	9.9	9.3	9.6	9.0	8.0	8.3
6	11.7	11.5	11.6	11.5	11.1	11.3	10.1	9.4	9.8	---	---	---
7	11.7	11.3	11.5	11.2	10.6	11.0	10.2	9.6	9.9	---	---	---
8	11.6	11.3	11.4	10.8	10.3	10.6	10.1	9.3	9.8	---	---	---
9	11.5	11.1	11.3	10.3	9.6	10.0	9.6	9.1	9.4	7.5	6.9	7.2
10	11.1	10.6	10.8	9.9	9.6	9.7	9.5	8.8	9.2	7.1	6.9	7.0
11	10.7	10.4	10.5	10.5	9.7	10.2	9.1	8.3	8.8	7.4	6.9	7.2
12	10.9	10.4	10.7	10.3	10.1	10.2	8.5	8.2	8.3	7.6	7.3	7.5
13	11.1	10.7	10.9	10.4	10.1	10.2	8.7	8.2	8.5	7.4	7.0	7.2
14	11.3	10.9	11.1	10.1	9.7	10.0	8.7	7.9	8.3	7.6	7.1	7.4
15	11.2	10.7	11.0	9.7	9.3	9.5	8.3	7.5	8.0	8.0	7.5	7.8
16	10.8	10.2	10.6	9.3	8.9	9.1	8.0	7.3	7.7	8.1	7.7	7.9
17	10.6	10.2	10.4	9.0	8.8	8.9	7.9	7.0	7.4	7.9	7.4	7.7
18	11.1	10.4	10.9	9.4	8.9	9.2	---	---	---	7.6	7.3	7.4
19	11.4	10.7	11.1	9.4	9.3	9.3	---	---	---	8.2	7.6	8.0
20	10.8	10.3	10.6	9.4	9.0	9.2	---	---	---	8.5	8.1	8.3
21	10.5	9.9	10.3	9.2	9.0	9.1	---	---	---	8.6	8.2	8.4
22	10.3	9.9	10.1	9.6	9.1	9.4	---	---	---	8.8	8.4	8.6
23	10.3	10.0	10.1	10.1	9.6	9.9	---	---	---	8.9	8.3	8.6
24	10.7	10.1	10.4	10.1	9.7	9.9	---	---	---	8.6	7.9	8.3
25	10.8	10.3	10.5	9.9	9.3	9.7	---	---	---	8.2	7.7	8.0
26	10.5	9.9	10.2	9.3	8.9	9.2	---	---	---	7.9	7.5	7.7
27	10.6	9.9	10.3	9.2	8.8	9.0	---	---	---	7.8	7.3	7.5
28	11.5	10.6	11.2	9.5	8.8	9.2	---	---	---	7.7	7.3	7.5
29	---	---	---	10.1	9.3	9.7	---	---	---	7.7	7.2	7.5
30	---	---	---	10.0	9.6	9.8	7.8	7.5	7.6	7.5	7.1	7.3
31	---	---	---	9.8	9.5	9.7	---	---	---	7.5	7.0	7.3
MONTH	11.7	9.2	10.7	11.8	8.8	10.0	---	---	---	---	---	---

## SANTEE RIVER BASIN

02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	7.4	6.8	7.2	6.6	5.8	6.2	7.0	6.3	6.6	7.6	7.3	7.5
2	7.2	6.6	7.0	6.5	5.8	6.1	7.1	6.3	6.7	7.5	7.0	7.3
3	7.1	6.4	6.7	6.4	5.9	6.1	7.6	6.5	6.9	7.4	6.9	7.2
4	6.9	6.4	6.6	6.4	5.9	6.1	7.8	6.5	7.0	7.5	6.8	7.1
5	6.9	6.4	6.6	6.4	5.8	6.2	8.1	6.3	7.1	7.4	6.7	7.0
6	6.9	6.4	6.6	6.1	5.8	5.9	8.6	6.1	7.1	7.6	6.9	7.2
7	6.9	6.5	6.7	6.4	5.9	6.2	9.1	6.2	7.3	7.8	7.0	7.3
8	7.2	6.7	7.0	6.7	6.2	6.4	10.0	6.6	7.9	8.1	7.1	7.5
9	7.5	7.0	7.2	6.8	6.1	6.4	10.9	6.6	8.2	8.0	6.9	7.4
10	7.7	7.0	7.3	6.5	5.9	6.2	11.4	6.4	8.3	8.1	7.0	7.5
11	7.6	6.9	7.2	6.6	6.0	6.3	12.0	6.3	8.4	8.4	6.9	7.5
12	7.5	6.7	7.1	6.9	6.5	6.7	11.8	6.0	8.2	8.4	7.0	7.5
13	7.4	6.6	7.0	6.6	6.4	6.5	11.6	5.9	8.0	8.5	6.9	7.5
14	7.4	6.7	7.0	6.4	6.2	6.3	10.4	5.9	7.5	8.5	7.0	7.4
15	7.7	6.8	7.2	6.5	6.2	6.4	9.4	5.8	7.0	7.1	6.8	6.9
16	7.9	6.9	7.4	6.6	6.2	6.4	9.0	5.6	7.0	7.0	6.7	6.9
17	7.7	6.9	7.3	6.5	6.1	6.3	7.8	5.5	6.0	6.8	6.1	6.5
18	8.1	7.0	7.4	6.5	5.9	6.2	6.5	6.0	6.3	7.2	5.1	6.3
19	8.1	6.9	7.4	6.4	5.9	6.2	6.8	6.5	6.7	7.3	6.7	7.1
20	8.0	6.7	7.3	6.5	6.0	6.2	7.1	6.6	6.9	7.6	6.3	7.2
21	8.1	6.8	7.3	6.6	6.1	6.4	7.2	6.6	6.9	7.7	7.4	7.6
22	7.8	6.7	7.2	6.8	6.2	6.5	7.1	6.7	6.9	7.5	6.0	6.6
23	7.7	6.6	7.1	7.2	6.3	6.7	7.0	6.4	6.8	7.8	6.5	7.5
24	7.5	6.3	6.9	7.1	6.4	6.7	6.9	6.2	6.6	8.1	7.8	8.0
25	7.3	6.0	6.6	7.2	6.2	6.6	7.1	6.4	6.6	7.9	6.0	6.6
26	6.7	6.0	6.3	7.3	6.3	6.7	7.1	6.5	6.7	6.8	5.7	6.0
27	6.6	6.0	6.2	6.8	6.2	6.5	6.8	6.6	6.7	7.1	6.6	6.9
28	6.7	6.0	6.3	6.8	6.0	6.4	7.0	6.6	6.8	6.6	6.5	6.6
29	6.7	6.0	6.4	6.5	6.0	6.2	7.3	7.0	7.2	---	---	---
30	6.7	6.0	6.3	6.5	6.0	6.3	7.6	7.1	7.3	---	---	---
31	---	---	---	6.8	6.2	6.5	7.5	7.2	7.4	---	---	---
MONTH	8.1	6.0	6.9	7.3	5.8	6.3	12.0	5.5	7.1	---	---	---

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 mi<sup>2</sup> (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, 266.41 ft, Jun. 17; minimum elevation, 255.87 ft, Aug. 13.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY OBSERVATION AT 2400 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	262.00	263.97	261.24	259.32	261.65	261.76	265.30	263.45	263.92	264.33	261.59	259.92
2	262.85	262.66	261.10	261.72	260.56	261.50	264.23	264.87	264.70	263.07	263.64	260.66
3	262.35	264.28	261.66	264.10	260.37	262.94	263.79	265.75	264.46	263.52	264.32	263.88
4	262.56	261.40	261.09	258.88	261.39	264.42	262.38	263.62	264.40	263.20	262.65	264.64
5	263.45	261.54	261.02	259.65	260.49	261.03	262.46	261.98	264.19	263.24	264.20	263.87
6	264.54	262.99	261.00	259.50	263.80	262.76	264.92	262.94	263.61	263.69	263.78	262.80
7	259.42	264.30	261.26	262.83	265.19	263.20	263.58	263.14	261.59	263.45	261.89	263.10
8	261.04	263.87	261.49	263.69	264.70	261.48	265.24	264.17	262.66	263.65	263.36	262.37
9	261.71	262.77	260.28	260.41	264.36	261.94	263.08	265.26	261.74	263.56	262.77	262.14
10	261.34	261.80	263.20	260.91	262.62	262.56	262.62	265.73	262.49	263.37	261.91	263.14
11	262.49	260.15	262.87	257.95	260.78	265.06	261.52	262.91	264.42	262.51	262.94	263.10
12	262.20	260.03	263.62	259.96	261.06	265.14	263.04	264.65	264.58	259.26	262.96	262.89
13	260.13	262.86	264.11	260.00	264.02	264.81	262.46	262.57	264.47	263.93	262.33	263.36
14	261.81	263.16	263.19	264.11	261.90	264.89	262.38	261.69	264.06	264.33	262.99	263.03
15	262.25	262.13	262.13	263.27	262.28	264.30	263.06	264.75	262.88	264.51	263.87	261.54
16	263.31	264.98	262.20	263.31	261.31	264.00	263.48	262.96	264.22	264.37	264.34	263.10
17	263.47	263.24	262.22	262.23	258.38	263.53	262.94	264.73	265.24	264.16	264.17	263.43
18	263.22	261.76	260.44	261.97	263.97	263.70	263.63	261.05	263.60	265.10	263.86	264.24
19	263.06	260.86	259.60	263.10	263.30	261.54	264.73	259.69	264.82	265.37	263.88	264.32
20	262.04	259.45	261.26	262.97	262.32	264.25	264.33	260.56	263.03	263.32	264.25	263.07
21	261.82	259.95	261.72	264.06	262.19	262.30	263.01	260.58	263.71	261.35	264.32	263.47
22	262.40	260.77	262.00	262.54	263.66	264.74	263.02	261.44	261.73	261.89	264.16	262.72
23	263.21	261.00	261.06	263.14	263.07	264.19	263.52	260.24	264.64	262.29	264.71	263.43
24	262.91	262.02	264.27	263.40	261.55	262.60	264.89	261.69	261.52	264.74	265.72	261.99
25	262.42	262.47	260.76	262.46	263.84	263.89	264.98	262.97	262.04	264.45	260.21	258.78
26	263.26	261.60	263.79	262.33	260.14	263.66	262.91	262.14	263.93	264.25	264.56	265.02
27	262.24	262.11	261.04	261.49	261.04	263.68	260.19	263.36	264.38	264.33	263.02	263.31
28	260.89	261.81	259.65	261.12	258.41	264.13	263.61	263.95	263.78	264.39	261.27	263.62
29	264.94	261.35	259.36	261.71	---	264.46	262.46	264.06	264.82	263.92	262.02	263.94
30	264.56	260.99	257.94	261.26	---	263.45	261.36	264.21	263.76	264.85	261.01	264.15
31	262.76	---	258.71	261.22	---	262.89	---	263.74	---	263.00	260.77	---
MAX	264.94	264.98	264.27	264.11	265.19	265.14	265.30	265.75	265.24	265.37	265.72	265.02
MIN	259.42	259.45	257.94	257.95	258.38	261.03	260.19	259.69	261.52	259.26	260.21	258.78
(+)	6.21	4.29	2.20	4.52	1.99	6.37	4.66	7.39	7.41	6.50	4.07	7.90
(*)	+145.2	-99.0	-104.3	+115.8	-139.8	+218.6	-88.2	+136.3	+1.03	-45.4	-121.3	+197.5

CAL YR 2001 \* -13.3 MAX 265.44 MIN 257.94  
WTR YR 2002 \* +19.5 MAX 265.75 MIN 257.94

(+) CONTENTS, IN BILLIONS OF CUBIC FEET, 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 mi<sup>2</sup>, 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, 228.76 ft, Jan.22; minimum elevation, 219.24 ft, Sep. 12.

## ELEVATION (FEET NGVD), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	221.39	220.54	221.09	221.53	220.59	221.16	221.29	220.69	221.00	221.38	221.29	221.33
2	221.42	221.18	221.27	221.48	220.63	220.71	221.36	221.23	221.29	221.66	221.27	221.39
3	221.39	220.60	221.17	220.70	220.58	220.64	221.46	220.72	221.25	221.44	221.18	221.33
4	220.65	220.40	220.52	220.67	220.59	220.63	221.33	220.69	220.78	221.47	220.72	220.95
5	220.61	220.44	220.51	220.79	220.59	220.68	220.85	220.69	220.76	220.78	220.72	220.74
6	220.72	220.55	220.61	221.46	220.61	220.73	221.42	220.71	221.05	220.75	220.69	220.73
7	220.61	220.53	220.55	220.78	220.61	220.65	221.43	220.71	221.18	220.86	220.69	220.74
8	220.77	220.53	220.63	220.73	220.58	220.66	221.35	221.23	221.29	224.14	220.68	222.16
9	220.75	220.58	220.63	220.91	220.62	220.73	221.35	221.21	221.29	223.20	221.68	222.84
10	220.73	220.60	220.66	220.75	220.69	220.72	221.32	220.71	220.84	221.97	221.65	221.78
11	220.76	220.50	220.65	220.75	220.67	220.70	222.39	220.78	221.86	---	---	---
12	220.77	220.57	220.65	221.35	220.65	220.74	222.96	221.55	221.97	---	---	---
13	220.61	220.53	220.56	220.83	220.69	220.74	222.57	221.85	222.18	221.34	221.24	221.29
14	220.61	220.53	220.57	223.57	220.61	220.78	222.51	221.31	221.89	221.50	221.21	221.35
15	220.68	220.54	220.61	220.80	220.61	220.67	221.42	221.25	221.33	221.42	221.26	221.33
16	220.67	220.54	220.61	220.81	220.63	220.70	221.40	221.27	221.33	221.61	221.22	221.32
17	220.91	220.54	220.72	220.69	220.62	220.66	221.47	219.56	221.32	221.42	221.20	221.31
18	221.34	220.73	220.97	220.68	220.62	220.65	222.66	221.33	221.85	221.43	221.19	221.31
19	221.51	221.17	221.31	220.81	220.63	220.70	222.34	221.64	221.99	221.35	221.22	221.28
20	221.24	221.13	221.18	220.87	220.62	220.70	222.28	221.57	221.93	222.65	221.23	221.86
21	221.20	220.54	220.78	221.04	220.63	220.78	222.21	221.64	221.84	224.13	222.50	223.08
22	221.24	220.44	220.73	220.82	220.69	220.74	221.76	221.28	221.43	228.76	222.89	224.32
23	221.42	220.56	220.75	220.73	220.69	220.71	221.39	221.04	221.31	223.23	222.82	223.01
24	220.83	220.66	220.75	221.34	220.68	220.83	221.37	221.23	221.30	224.55	222.89	223.64
25	220.83	220.66	220.74	221.77	220.70	221.25	221.41	220.84	221.32	226.12	223.30	224.69
26	222.66	220.57	220.69	223.15	221.01	222.49	221.52	221.22	221.35	225.78	224.60	225.13
27	221.31	220.55	220.82	223.13	221.20	222.27	221.45	221.25	221.35	224.64	223.68	223.94
28	220.68	220.62	220.64	221.40	221.17	221.29	221.67	221.09	221.36	223.81	222.59	223.16
29	220.76	220.61	220.67	221.42	220.48	221.27	221.34	221.21	221.30	222.92	221.72	221.99
30	220.77	220.61	220.69	221.40	220.33	220.98	221.33	221.24	221.29	222.53	221.68	222.04
31	220.91	220.61	220.71	---	---	---	221.72	221.25	221.40	222.83	222.36	222.57
MONTH	222.66	220.40	220.76	223.57	220.33	220.90	222.96	219.56	221.41	---	---	---

SANTEE RIVER BASIN

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	222.86	222.07	222.45	222.86	220.72	221.90	223.36	221.94	222.97	221.77	220.88	221.28
2	222.20	222.02	222.11	222.23	222.09	222.16	226.98	222.88	224.04	221.44	220.86	221.30
3	222.17	222.03	222.10	222.90	222.04	222.29	223.54	222.78	223.07	223.89	220.87	222.01
4	222.43	221.39	222.18	223.17	222.75	222.95	223.30	221.72	222.96	222.33	221.36	221.81
5	222.17	221.67	221.89	226.69	222.77	223.97	223.23	222.14	222.68	222.98	222.21	222.71
6	221.99	221.67	221.83	223.17	221.73	222.39	222.29	222.13	222.21	223.33	222.81	223.02
7	225.65	221.72	222.87	222.81	222.14	222.55	222.31	221.75	222.04	223.28	221.97	223.01
8	225.55	222.88	223.84	222.87	222.10	222.53	224.45	221.76	221.99	223.13	221.04	222.07
9	224.02	223.01	223.68	222.22	222.07	222.15	222.38	221.76	222.12	221.89	221.28	221.55
10	223.72	222.83	223.00	222.24	222.08	222.16	222.20	221.73	221.91	223.07	221.34	221.95
11	223.31	221.17	222.93	222.40	220.82	221.60	222.96	221.72	222.42	223.11	221.31	222.07
12	223.27	222.73	222.97	221.91	220.80	221.42	223.03	221.98	222.46	223.07	221.31	221.97
13	223.27	222.11	222.43	224.63	221.74	222.56	222.61	222.47	222.55	222.62	221.12	221.67
14	222.37	221.93	222.21	227.35	223.54	224.72	222.68	222.40	222.55	221.81	221.23	221.45
15	223.20	222.06	222.22	224.34	222.88	223.49	222.55	219.73	221.94	222.43	221.32	221.67
16	222.21	222.05	222.13	224.29	223.31	223.62	222.24	221.35	221.84	223.11	221.32	222.03
17	222.20	221.18	221.55	223.41	222.17	222.76	222.73	220.93	221.83	221.84	220.71	221.06
18	221.50	221.18	221.34	223.76	222.10	222.58	223.03	221.27	221.99	222.67	220.85	221.70
19	221.42	221.29	221.35	223.29	222.74	222.95	223.01	221.32	221.88	222.69	221.29	222.07
20	221.93	221.27	221.69	223.26	222.64	222.96	222.96	221.67	221.99	221.56	221.28	221.41
21	221.88	221.72	221.80	223.21	222.71	222.95	222.39	221.38	221.96	221.54	221.30	221.40
22	223.58	221.70	221.83	224.24	222.66	222.99	221.54	221.21	221.41	221.57	221.31	221.41
23	221.85	221.69	221.77	223.01	222.82	222.93	221.49	221.13	221.35	221.55	221.05	221.29
24	221.81	221.69	221.74	223.00	222.83	222.92	224.12	221.33	221.74	221.22	220.88	221.05
25	221.93	221.64	221.81	223.28	222.79	222.95	223.02	221.37	222.00	221.15	221.01	221.08
26	221.94	221.70	221.80	223.23	222.54	222.81	221.75	220.92	221.43	221.14	221.00	221.08
27	221.98	221.62	221.79	222.95	221.35	222.27	221.44	221.30	221.36	221.16	220.99	221.08
28	221.80	220.71	220.91	221.85	221.34	221.58	223.01	221.29	222.29	221.13	220.91	221.01
29	---	---	---	221.85	221.71	221.78	223.00	221.05	221.50	221.01	220.76	220.89
30	---	---	---	222.92	221.76	222.37	221.15	220.78	220.96	221.01	220.67	220.84
31	---	---	---	222.96	222.77	222.84	---	---	---	222.68	220.60	221.27
MONTH	225.65	220.71	222.15	227.35	220.72	222.65	226.98	219.73	222.11	223.89	220.60	221.62

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	221.47	220.61	221.05	222.94	220.15	220.91	220.04	219.37	219.97	220.24	220.19	220.22
2	221.43	220.47	220.75	222.59	219.32	221.00	220.24	219.31	219.75	220.25	220.17	220.21
3	220.56	220.25	220.40	222.19	219.99	220.98	220.19	219.31	219.90	222.29	220.15	220.70
4	222.61	220.18	220.49	221.36	220.52	220.79	220.15	219.32	219.96	220.74	220.08	220.30
5	222.94	220.38	221.42	220.61	219.99	220.18	220.10	219.46	219.98	220.23	219.98	220.16
6	222.87	220.71	220.83	220.08	219.89	219.96	219.99	219.33	219.68	220.20	220.11	220.16
7	221.48	220.75	221.10	220.01	219.89	219.95	220.98	219.31	219.86	220.18	220.05	220.12
8	221.37	220.73	220.94	220.01	219.89	219.95	219.99	219.83	219.92	220.14	219.99	220.07
9	220.79	220.71	220.75	221.89	219.92	220.66	219.97	219.84	219.92	220.18	219.32	220.01
10	220.76	220.38	220.50	221.57	219.96	220.05	220.11	219.86	219.93	220.05	219.31	219.83
11	220.50	220.38	220.44	220.02	219.91	219.97	220.11	219.32	219.82	220.04	219.33	219.88
12	220.48	220.34	220.42	220.07	219.38	219.72	220.01	219.32	219.58	219.96	219.24	219.37
13	220.47	220.37	220.42	220.14	219.37	219.91	220.00	219.30	219.56	220.11	219.31	219.74
14	220.64	220.38	220.45	222.87	219.38	220.22	220.02	219.32	219.66	220.12	219.31	219.68
15	220.40	220.32	220.37	222.69	219.99	220.44	220.03	219.30	219.59	220.09	219.97	220.04
16	220.39	220.33	220.36	222.88	220.05	220.62	220.04	219.29	219.70	222.24	219.29	220.97
17	223.12	220.33	220.73	221.00	219.51	220.15	220.03	219.28	219.66	226.19	221.63	222.94
18	220.74	220.38	220.63	221.09	219.92	220.19	221.53	219.30	219.97	223.82	222.69	223.05
19	220.72	220.59	220.67	220.05	219.94	220.01	220.95	219.33	220.37	223.25	222.42	222.88
20	220.73	220.54	220.63	220.05	219.92	220.00	221.30	220.08	220.71	222.61	220.69	222.11
21	220.59	220.49	220.54	220.04	219.92	219.99	220.93	220.00	220.21	220.73	220.60	220.66
22	220.68	220.50	220.60	220.35	219.43	220.06	222.34	219.99	220.27	220.72	220.61	220.66
23	220.75	220.60	220.66	220.17	219.42	219.99	222.63	220.00	220.23	221.76	220.61	220.84
24	220.69	220.56	220.63	221.05	219.42	220.07	220.08	219.96	220.03	221.44	221.14	221.28
25	220.62	220.36	220.43	222.52	220.00	220.91	220.07	219.97	220.01	221.41	220.58	221.02
26	220.42	220.21	220.36	221.96	220.07	220.92	220.12	219.96	220.02	222.87	220.60	221.71
27	220.39	220.17	220.27	223.53	220.06	220.43	222.19	220.02	221.86	223.26	220.57	222.31
28	220.30	220.16	220.24	221.94	220.04	220.55	222.17	220.06	220.59	222.07	220.49	220.65
29	220.31	220.16	220.24	221.01	219.98	220.22	220.24	220.07	220.17	222.56	220.57	222.31
30	220.31	220.19	220.25	221.58	219.97	220.51	220.71	220.13	220.34	222.89	220.60	222.23
31	---	---	---	221.03	219.91	220.14	220.25	220.21	220.23	---	---	---
MONTH	223.12	220.16	220.59	223.53	219.32	220.30	222.63	219.28	220.05	226.19	219.24	220.87

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

## WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1974 to current year.

PERIOD OF DAILY RECORDS.--

SPECIFIC CONDUCTANCE: October 1973 to current year.

pH: October 1973 to current year.

WATER TEMPERATURE: October 1973 to current year.

DISSOLVED OXYGEN: October 1973 to current year.

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

REMARKS.--Specific conductance records rated excellent except for Dec. 1 to Dec. 17 and Sep. 1 to Sep. 16, which are good. pH records rated excellent except for Nov. 21 to Dec. 1, which are good. Temperature records rated excellent except for Jan. 5 to Jan. 23, which are good. Dissolved oxygen records rated fair except for Jan. 24 to Feb. 25, Mar. 12 to May 18, and June 4 to July 27, which are excellent, and Dec. 18 to Jan. 23, Mar. 6 to Mar. 11, Aug. 3 to Aug. 12, and Sep. 11 to Sep. 30, 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, 2.4 mg/L, July 22, 2002.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 174 microsiemens, Sep. 16; minimum, 76 microsiemens, Jan. 27.

pH: Maximum, 8.2 units, June 9; minimum 6.5 units, Jan. 27, 28.

WATER TEMPERATURE: Maximum, 31.1°C, Aug. 24; minimum, 4.6°C, Jan. 7.

DISSOLVED OXYGEN: Maximum, 12.1 mg/L, Jan. 11, 12; minimum, 2.4 mg/L, July 22.

## SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	136	130	134	144	139	141	143	141	142	142	128	134
2	133	128	132	141	138	139	142	140	141	135	122	128
3	133	127	131	142	138	140	142	140	141	138	121	130
4	132	128	131	144	139	140	144	140	142	140	124	131
5	132	129	130	147	142	144	143	140	142	137	115	128
6	131	129	130	149	144	147	143	140	141	140	125	134
7	132	130	131	149	141	145	142	140	141	140	123	130
8	134	131	132	143	139	141	143	140	142	138	115	127
9	135	130	132	143	140	142	144	141	142	141	122	134
10	131	129	130	145	141	143	150	142	146	141	131	136
11	132	129	131	146	143	144	152	142	148	139	128	135
12	136	131	133	149	145	147	153	145	148	132	125	130
13	140	131	134	169	147	156	152	146	148	141	132	137
14	141	134	137	159	151	154	151	146	148	143	129	136
15	138	135	137	152	147	149	152	149	151	144	128	139
16	144	134	137	151	148	149	153	149	151	142	133	139
17	140	136	138	152	149	150	151	144	148	141	131	138
18	139	137	138	151	148	150	146	138	143	142	139	140
19	139	135	137	152	149	150	144	138	141	142	139	140
20	142	136	138	157	149	154	145	138	142	142	137	140
21	143	139	141	166	157	160	145	139	143	140	125	133
22	143	137	141	170	163	166	145	139	142	138	117	128
23	144	137	139	164	158	161	145	140	142	118	106	112
24	142	136	139	163	156	159	143	139	141	117	99	108
25	141	137	138	166	160	163	144	138	141	102	89	97
26	142	137	140	168	159	164	144	135	141	100	77	87
27	147	139	141	159	149	152	144	134	139	91	76	81
28	147	140	144	150	142	147	144	138	141	103	79	87
29	149	140	144	147	140	143	143	137	140	105	87	94
30	144	140	142	144	140	142	139	130	136	91	86	88
31	142	140	141	---	---	---	138	128	134	123	91	104
MONTH	149	127	136	170	138	149	153	128	143	144	76	123





SANTEE RIVER BASIN

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	23.1	20.2	21.3	19.1	17.4	18.1	17.4	16.7	17.0	8.9	6.7	8.2
2	23.2	21.3	22.2	19.5	18.7	19.1	17.2	16.6	16.9	9.4	5.8	7.0
3	23.6	21.8	22.5	19.9	18.7	19.3	16.9	16.0	16.3	10.5	6.6	9.1
4	23.8	22.5	23.1	19.8	18.8	19.4	16.8	15.8	16.4	10.2	7.5	9.0
5	23.5	23.0	23.2	18.8	17.5	18.1	16.4	15.8	16.1	7.7	7.0	7.3
6	23.3	22.6	23.1	17.5	16.6	17.2	16.4	15.2	15.9	8.5	6.9	7.7
7	22.6	21.6	22.1	18.2	17.1	17.6	16.6	15.6	16.0	8.4	4.6	6.5
8	21.6	20.5	20.9	18.2	17.3	17.7	16.1	15.1	15.6	9.2	4.9	7.4
9	20.8	19.9	20.4	17.8	17.0	17.4	15.9	15.2	15.6	10.4	7.3	9.1
10	20.8	20.1	20.5	17.6	16.7	17.1	15.6	13.7	14.5	10.0	6.9	8.2
11	21.0	20.2	20.6	17.2	16.1	16.7	15.6	13.4	14.2	9.7	6.9	8.7
12	21.0	20.4	20.7	16.6	15.8	16.2	15.6	14.8	15.3	7.9	6.5	6.9
13	21.4	20.5	20.9	15.8	14.3	15.0	15.6	14.8	15.2	10.4	7.9	9.4
14	21.4	20.6	20.9	16.0	14.8	15.6	16.0	14.6	15.4	10.3	7.5	9.0
15	22.2	20.6	21.5	16.1	15.8	15.9	15.1	14.4	14.7	10.7	9.4	10.1
16	22.0	20.8	21.3	16.2	15.5	15.9	14.5	13.2	13.8	10.6	9.7	10.0
17	21.0	19.5	20.2	16.8	15.9	16.3	13.3	12.7	13.0	10.2	9.2	9.8
18	20.2	19.3	19.8	16.6	15.9	16.3	14.5	13.1	13.5	10.7	9.8	10.2
19	20.8	19.2	20.0	16.9	15.7	16.2	14.7	13.7	14.3	10.4	9.9	10.1
20	20.7	19.7	20.2	15.9	14.7	15.3	14.3	12.4	13.7	10.0	8.9	9.3
21	20.0	19.2	19.7	14.7	13.2	13.9	14.4	13.4	14.1	8.9	7.2	7.8
22	21.1	19.5	20.2	13.6	12.8	13.2	13.7	12.4	13.2	10.7	6.7	8.3
23	21.9	20.5	20.9	14.5	13.4	13.8	12.6	12.2	12.3	8.6	7.0	7.4
24	22.1	20.8	21.4	14.4	13.9	14.2	12.4	10.6	11.3	8.6	7.9	8.1
25	21.9	21.1	21.6	15.4	13.3	14.3	12.9	11.5	12.3	9.2	8.3	8.8
26	21.1	19.6	20.3	15.3	14.4	14.9	12.2	11.3	11.7	10.1	8.7	9.3
27	19.6	17.8	18.7	16.2	15.3	15.8	11.8	10.3	11.3	9.6	8.5	8.9
28	17.8	16.6	17.2	17.0	15.5	16.3	10.9	9.3	9.9	10.6	8.6	9.2
29	18.0	15.8	17.0	17.4	16.1	16.7	9.3	7.6	8.3	11.3	9.2	10.2
30	18.5	17.6	18.1	17.2	16.3	16.8	8.3	6.4	7.1	12.1	9.9	10.9
31	18.3	17.6	18.0	---	---	---	8.9	6.0	6.9	13.0	11.1	12.0
MONTH	23.8	15.8	20.6	19.9	12.8	16.3	17.4	6.0	13.6	13.0	4.6	8.8
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	13.8	12.4	13.1	11.4	9.1	10.2	17.7	15.7	16.9	21.6	20.7	21.2
2	13.3	12.6	12.9	11.4	10.5	11.0	18.3	15.5	16.6	23.0	20.8	21.6
3	13.0	12.3	12.6	10.9	8.8	10.5	19.5	15.5	17.2	22.8	21.0	21.6
4	12.4	11.1	11.7	10.9	8.8	10.1	18.2	15.4	16.6	21.0	20.1	20.5
5	11.2	9.9	10.8	11.6	8.0	10.3	18.3	16.4	17.4	21.2	19.9	20.4
6	11.1	9.5	10.5	10.3	8.2	9.3	18.1	16.6	17.4	22.1	20.3	21.1
7	10.8	8.5	10.2	12.4	10.2	11.0	17.7	16.7	17.2	22.2	20.6	21.4
8	11.3	7.8	10.3	12.0	10.5	11.3	17.7	16.8	17.2	23.4	20.8	21.8
9	9.7	7.7	8.5	12.4	10.3	11.5	17.9	16.9	17.3	23.9	21.2	22.3
10	9.1	8.0	8.6	12.8	12.0	12.4	19.2	16.8	17.8	24.5	21.5	22.7
11	9.8	8.4	9.0	12.8	12.0	12.4	19.5	17.5	18.4	23.2	22.2	22.7
12	12.2	9.1	10.6	12.8	12.6	12.7	19.5	18.1	18.7	24.8	22.2	23.0
13	11.8	9.8	10.7	12.9	12.5	12.7	19.6	17.7	18.4	24.9	22.3	23.0
14	11.7	10.1	11.0	12.7	11.6	12.2	20.4	17.7	18.8	24.2	21.3	22.6
15	12.1	9.8	11.2	14.2	12.0	12.9	21.0	18.2	19.5	24.4	22.1	23.0
16	12.2	11.4	11.6	15.1	12.9	13.8	21.4	18.9	19.7	24.2	22.1	23.1
17	11.5	10.0	10.8	16.2	13.2	14.5	22.4	19.4	20.2	24.0	22.0	22.7
18	11.7	8.8	10.5	16.1	14.7	15.3	22.8	19.5	20.6	22.9	21.2	22.4
19	11.6	10.5	11.0	15.7	14.3	15.2	23.5	19.9	21.0	21.7	19.9	20.7
20	12.0	10.9	11.4	16.5	14.5	15.2	23.7	20.1	21.3	22.2	20.2	21.1
21	11.9	11.2	11.6	15.7	13.9	14.9	24.4	20.6	21.7	21.9	20.8	21.4
22	12.1	11.4	11.7	15.3	13.8	14.7	23.9	20.0	21.5	21.4	20.0	20.8
23	12.1	11.3	11.5	15.4	13.9	14.6	23.0	20.1	21.3	23.7	20.2	21.5
24	12.0	11.0	11.5	15.7	14.0	14.7	22.9	20.6	21.6	23.4	20.7	21.8
25	12.4	11.3	11.8	15.8	13.8	14.7	23.2	20.7	21.6	23.4	21.5	22.3
26	13.0	11.8	12.3	16.0	14.4	15.2	21.7	19.9	20.9	23.7	22.0	22.7
27	12.3	10.3	11.0	17.1	14.4	15.6	21.6	20.6	21.1	24.5	22.4	23.1
28	11.3	9.5	10.1	16.7	15.1	15.8	22.4	21.2	21.6	24.8	22.7	23.4
29	---	---	---	16.8	15.4	15.9	22.2	20.4	21.4	25.1	23.1	23.7
30	---	---	---	16.5	15.8	16.0	22.1	20.5	21.3	24.9	23.4	23.9
31	---	---	---	17.6	16.0	16.8	---	---	---	25.5	23.7	24.4
MONTH	13.8	7.7	11.0	17.6	8.0	13.3	24.4	15.4	19.4	25.5	19.9	22.2



02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.5	7.0	7.3	8.3	7.8	8.1	8.7	8.2	8.5	11.3	10.2	10.6
2	7.2	6.7	6.9	8.4	7.8	8.1	8.6	8.1	8.3	11.6	10.1	11.0
3	6.8	6.3	6.6	8.1	7.7	7.9	9.2	8.4	8.8	10.9	9.7	10.1
4	6.5	6.3	6.4	9.0	7.8	8.3	9.3	8.8	9.1	10.5	9.7	10.0
5	6.7	6.3	6.4	8.7	8.1	8.4	9.2	8.7	9.0	10.9	10.1	10.5
6	6.8	6.3	6.5	8.4	8.1	8.3	9.0	8.6	8.8	10.7	10.2	10.4
7	7.4	6.6	7.0	8.3	8.1	8.2	9.1	8.7	8.9	12.0	10.2	11.0
8	7.9	6.8	7.3	8.6	8.1	8.3	9.3	8.9	9.1	11.8	10.4	11.0
9	8.1	7.2	7.6	8.6	8.0	8.3	9.3	9.1	9.2	11.2	10.2	10.5
10	8.0	7.6	7.8	8.8	8.2	8.4	9.5	9.1	9.3	11.9	10.4	11.1
11	7.8	7.3	7.6	8.9	8.3	8.5	9.7	9.2	9.5	12.1	10.7	11.2
12	7.9	7.4	7.6	9.2	8.4	8.7	9.3	8.9	9.1	12.1	11.4	11.8
13	7.8	7.3	7.5	9.7	8.5	9.2	9.2	8.8	9.0	11.5	10.5	10.8
14	7.8	7.4	7.6	9.6	9.0	9.3	9.2	8.8	9.0	11.3	10.4	10.8
15	7.6	7.2	7.4	9.3	8.9	9.1	9.3	9.0	9.1	10.6	10.3	10.5
16	7.8	7.1	7.5	9.1	8.8	8.9	9.4	9.1	9.2	10.6	10.3	10.4
17	7.9	7.5	7.7	9.3	8.9	9.1	9.5	9.0	9.2	10.8	10.4	10.6
18	8.1	7.6	7.8	9.3	8.9	9.0	---	---	---	10.9	10.5	10.6
19	7.9	7.4	7.6	9.2	8.7	9.0	---	---	---	10.9	10.6	10.7
20	7.8	7.4	7.6	9.2	8.7	8.9	9.1	8.1	8.6	11.3	10.7	10.9
21	7.8	7.4	7.6	10.1	9.1	9.6	8.7	8.3	8.5	11.5	11.0	11.3
22	8.0	7.4	7.6	10.3	9.8	10.1	8.9	8.4	8.6	11.3	10.6	11.0
23	8.0	7.2	7.6	10.0	9.7	9.9	9.1	8.8	8.9	11.3	10.8	11.1
24	8.0	7.3	7.6	9.8	9.3	9.5	10.0	9.1	9.5	11.3	11.0	11.2
25	7.9	7.2	7.5	10.3	9.7	10.0	9.7	9.0	9.2	11.1	10.5	10.9
26	7.9	7.4	7.7	10.2	9.5	10.0	9.5	8.9	9.2	10.5	10.2	10.3
27	8.5	7.7	8.1	9.5	8.8	9.1	9.5	9.2	9.3	10.5	10.3	10.4
28	9.1	8.1	8.5	8.9	8.3	8.6	10.1	9.4	9.8	10.5	10.3	10.4
29	8.8	8.2	8.5	8.6	8.0	8.3	10.8	10.0	10.5	10.4	10.1	10.3
30	8.5	8.1	8.3	8.7	8.4	8.6	11.4	10.6	11.0	10.3	10.0	10.2
31	8.5	8.1	8.3	---	---	---	11.6	10.5	11.1	10.2	9.8	10.0
MONTH	9.1	6.3	7.5	10.3	7.7	8.9	---	---	---	12.1	9.7	10.7
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	10.2	9.9	10.0	10.1	9.5	9.8	9.0	8.0	8.6	7.5	7.1	7.3
2	10.0	9.7	9.8	10.0	9.4	9.7	9.0	7.9	8.6	7.9	7.1	7.5
3	9.8	9.5	9.6	10.4	9.6	9.9	8.8	7.6	8.3	7.5	6.9	7.3
4	10.2	9.5	9.8	10.3	9.8	10.0	8.8	7.9	8.5	7.6	7.1	7.3
5	10.2	9.6	10.0	10.2	9.8	10.0	8.9	8.1	8.6	8.0	7.4	7.6
6	10.2	9.6	9.9	10.2	9.9	10.0	8.7	8.4	8.5	8.0	7.3	7.6
7	10.7	9.8	10.1	10.1	9.7	9.9	8.9	8.5	8.7	8.0	7.4	7.7
8	10.6	9.9	10.2	10.4	9.8	10.0	8.6	8.2	8.4	7.9	7.2	7.5
9	10.6	10.2	10.4	10.5	10.0	10.3	8.6	8.4	8.5	7.6	7.1	7.4
10	10.6	10.2	10.4	10.3	10.0	10.2	8.6	8.2	8.4	7.8	7.0	7.4
11	10.6	10.0	10.4	10.2	9.8	10.0	8.8	8.2	8.4	7.9	7.4	7.7
12	10.4	10.0	10.2	10.2	9.8	10.0	8.8	7.8	8.2	7.9	7.3	7.6
13	10.1	9.6	9.9	9.9	9.5	9.7	8.3	7.6	8.0	7.7	7.2	7.4
14	10.2	9.7	9.9	9.9	9.4	9.6	8.3	7.6	8.1	7.7	7.2	7.5
15	10.4	9.8	10.1	9.5	9.2	9.4	8.3	7.7	7.9	8.3	7.3	7.7
16	10.3	9.7	10.0	9.3	8.9	9.2	8.3	7.4	7.8	8.4	7.7	8.1
17	10.3	9.9	10.1	9.4	8.6	9.1	8.2	7.2	7.7	7.9	7.0	7.4
18	10.6	9.8	10.3	9.1	8.5	8.8	8.1	7.4	7.8	7.8	7.2	7.5
19	10.5	9.5	10.0	9.3	8.5	8.9	8.0	7.3	7.8	8.8	7.8	8.3
20	9.6	9.2	9.3	9.4	8.8	9.1	8.1	7.2	7.7	8.7	7.8	8.3
21	9.7	9.3	9.4	9.4	8.8	9.1	7.9	7.1	7.6	8.7	8.1	8.4
22	9.7	9.2	9.4	9.6	8.7	9.3	7.7	7.3	7.4	8.9	8.0	8.5
23	9.7	9.2	9.4	9.7	9.0	9.4	7.9	7.3	7.6	9.3	8.4	8.8
24	9.7	9.3	9.5	9.5	8.9	9.2	7.8	7.3	7.5	8.9	8.4	8.7
25	9.9	9.3	9.6	9.6	9.0	9.3	8.1	7.6	7.8	9.7	8.2	8.6
26	9.7	9.3	9.5	9.4	9.0	9.2	7.9	7.4	7.6	8.4	7.8	8.1
27	10.0	9.4	9.6	9.4	8.8	9.1	7.9	7.4	7.6	8.0	7.4	7.8
28	9.9	9.2	9.6	9.4	9.0	9.2	8.2	7.4	7.8	8.1	7.3	7.7
29	---	---	---	9.4	8.7	9.1	7.8	7.1	7.5	8.1	7.3	7.8
30	---	---	---	9.0	8.7	8.9	7.5	7.0	7.2	7.9	7.1	7.5
31	---	---	---	8.9	8.6	8.7	---	---	---	7.9	7.0	7.5
MONTH	10.7	9.2	9.9	10.5	8.5	9.5	9.0	7.0	8.0	9.7	6.9	7.8



## SANTEE RIVER BASIN

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	7.8	7.1	7.4	6.8	5.1	5.8	6.2	4.5	5.4	6.4	5.3	5.9
2	7.8	6.9	7.4	6.9	4.9	5.8	6.3	3.8	5.0	6.4	5.1	5.7
3	8.0	7.1	7.5	6.2	4.9	5.7	6.1	4.3	5.4	6.7	4.8	5.7
4	7.9	7.1	7.5	5.9	4.8	5.5	6.7	4.4	5.9	6.7	5.2	5.8
5	8.3	6.9	7.6	5.9	5.0	5.4	6.8	5.3	5.8	6.7	5.4	6.0
6	7.8	6.9	7.2	6.2	4.8	5.4	6.0	3.6	4.7	6.8	5.3	5.9
7	7.4	6.6	7.0	6.0	4.5	5.2	8.1	3.6	5.4	6.6	5.3	6.0
8	8.9	7.0	7.9	5.6	4.4	4.9	6.9	5.3	5.8	6.9	5.3	5.8
9	9.2	7.5	8.2	6.2	4.2	5.0	6.8	5.1	5.9	6.8	5.4	6.0
10	8.0	6.8	7.3	5.7	4.2	5.0	6.6	4.8	5.5	7.4	2.8	5.8
11	7.3	6.4	6.8	4.9	4.0	4.5	5.9	2.8	5.1	7.2	4.8	6.0
12	6.9	6.1	6.6	5.3	4.0	4.5	6.9	2.9	4.8	7.0	2.7	5.0
13	6.7	6.0	6.3	5.5	4.2	4.9	6.9	4.3	5.3	7.9	4.5	6.2
14	6.8	5.7	6.1	6.8	4.0	5.4	6.9	4.4	5.6	7.9	3.4	6.1
15	7.5	5.7	6.5	6.3	4.5	5.3	7.0	4.7	5.6	7.7	6.3	6.9
16	8.2	6.0	6.9	6.7	4.5	5.7	7.1	4.1	5.9	7.0	4.7	6.2
17	7.8	5.6	6.6	6.3	4.3	5.3	6.8	4.9	5.9	6.9	5.4	6.1
18	6.8	5.7	6.5	6.3	4.3	5.1	7.7	4.6	6.0	6.6	5.9	6.3
19	6.6	6.1	6.3	6.5	4.3	5.3	8.1	4.8	6.5	6.7	6.0	6.3
20	7.5	6.2	6.7	6.2	4.3	5.1	7.0	5.1	6.1	6.5	5.6	6.1
21	7.5	6.7	7.0	6.7	4.5	5.2	6.5	4.7	5.5	6.4	5.6	6.0
22	7.5	6.7	7.1	6.4	2.4	5.1	6.7	4.9	5.7	6.4	5.5	6.0
23	7.3	6.2	6.7	6.7	2.7	5.0	6.3	4.7	5.3	6.5	5.6	6.1
24	6.8	5.8	6.3	5.8	4.2	5.0	6.4	4.4	5.4	6.4	5.5	5.9
25	6.0	5.2	5.6	6.5	4.6	5.3	5.8	4.4	4.9	6.2	5.5	5.9
26	6.0	4.9	5.3	6.5	4.7	5.6	6.0	4.4	5.2	6.3	5.5	5.8
27	5.6	4.6	5.2	6.3	4.8	5.4	5.7	5.0	5.5	6.3	5.5	5.8
28	6.2	4.7	5.5	6.6	4.6	5.5	5.5	4.9	5.2	6.3	5.3	5.9
29	6.1	4.9	5.5	6.4	4.4	5.3	5.6	4.5	5.0	6.1	5.2	5.7
30	6.7	5.4	5.9	6.3	4.5	5.3	5.6	4.6	5.1	6.1	5.1	5.6
31	---	---	---	6.0	4.5	5.3	6.1	4.9	5.3	---	---	---
MONTH	9.2	4.6	6.7	6.9	2.4	5.3	8.1	2.8	5.5	7.9	2.7	6.0

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 mi<sup>2</sup>.

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 fair except for daily discharges Oct. 1 to Jan. 28 and 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 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1370	1490	1270	1730	3980	2860	5750	1680	1440	1580	445	593
2	1610	1040	1670	1820	3220	3360	12400	1720	1160	1740	413	586
3	1530	934	1680	1740	3200	3590	6390	3070	730	1580	336	1170
4	824	920	1020	1310	3350	5020	5070	2490	832	1220	394	665
5	800	964	991	1040	2840	9480	4390	4290	2180	637	416	552
6	e944	1020	1350	1040	2720	3850	3240	5080	1370	445	294	554
7	e882	967	1510	1060	5690	3990	3000	5090	1470	437	357	530
8	e931	964	1670	3260	9860	4060	3000	3260	1350	434	e391	489
9	e953	972	1660	4680	8200	3250	3140	2080	1070	2190	e370	436
10	961	e1050	1160	2500	5460	3260	2800	2670	847	987	e365	337
11	950	e1020	2610	e2460	5100	2450	3690	3400	777	457	e325	398
12	950	e1080	2780	e1670	5160	1960	3840	3190	765	327	160	48
13	880	e1080	3110	1670	4010	4790	4010	2330	768	370	e156	259
14	890	1130	2800	1770	3460	14700	4000	1930	776	743	e214	237
15	923	974	1730	1750	3500	8350	2930	2210	724	932	e162	426
16	917	996	1720	1730	3280	9260	2600	3010	715	1200	e207	1600
17	968	969	1770	1720	2340	4830	2760	1490	1280	624	e175	5420
18	1190	961	2520	1720	1890	4080	2970	2420	1070	596	e428	5540
19	1690	993	2900	1680	1910	5000	2660	3190	1020	505	e847	4960
20	1550	995	2700	2570	2370	5030	2970	1850	993	462	e1280	3370
21	1150	1000	2620	e5190	2630	5020	2780	1850	899	452	600	908
22	1040	985	1910	e8400	2710	5160	1890	1850	950	462	734	895
23	1010	996	1690	e5050	2600	4930	1770	1700	1020	409	702	1080
24	966	1130	1660	e6500	2560	4900	2510	1330	990	474	470	1670
25	956	1660	1690	e9510	2670	e4920	3000	1390	807	1460	454	1390
26	995	3790	1750	e10800	2660	e4550	1920	1390	692	1470	503	2500
27	1120	3610	1760	e7280	2610	e3460	1780	1390	601	946	2690	4000
28	933	1650	1780	e5300	1420	e2190	3390	1320	577	1000	1170	1020
29	962	1640	1710	3170	---	2540	2300	1180	579	613	563	3350
30	982	1310	1700	3130	---	3570	1280	1140	581	981	704	3640
31	989	---	1820	4210	---	4780	---	1880	---	581	602	---
TOTAL	32816	38290	58711	107460	101400	149190	104230	72870	29033	26314	16927	48623
MEAN	1059	1276	1894	3466	3621	4813	3474	2351	968	849	546	1621
MAX	1690	3790	3110	10800	9860	14700	12400	5090	2180	2190	2690	5540
MIN	800	920	991	1040	1420	1960	1280	1140	577	327	156	48
CFSM	0.22	0.27	0.40	0.72	0.76	1.00	0.73	0.49	0.20	0.18	0.11	0.34
IN.	0.25	0.30	0.46	0.83	0.79	1.16	0.81	0.57	0.23	0.20	0.13	0.38

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1897 - 2002, 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
MEAN	4207	4422	6593	8136	10310	10620	8093	5383	5239	3731	5437	3692																																																																																														
MAX	17360	14500	15680	18770	22650	25610	20430	13880	20820	9319	27730	17100																																																																																														
(WY)	1991	1993	1908	1906	1903	1903	1901	1901	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

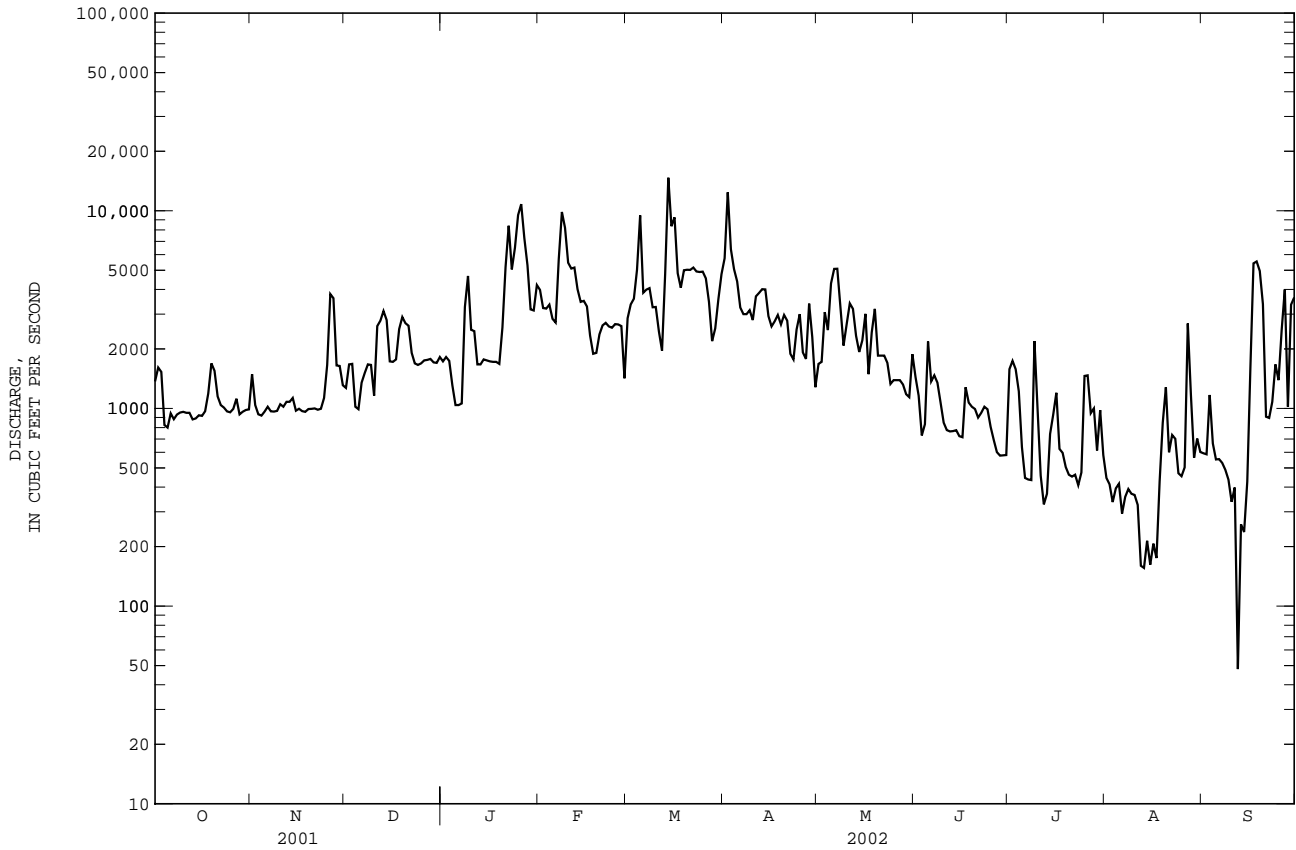
02161000 BROAD RIVER AT ALSTON, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1897 - 2002	
ANNUAL TOTAL	882745		785864		6280	
ANNUAL MEAN	2418		2153		11750	
HIGHEST ANNUAL MEAN					2153	
LOWEST ANNUAL MEAN					130000	
HIGHEST DAILY MEAN	25300	Mar 31	14700	Mar 14	130000	Jun 7 1903
LOWEST DAILY MEAN	504	Aug 31	48	Sep 12	48	Sep 12 2002
ANNUAL SEVEN-DAY MINIMUM	532	Aug 27	200	Aug 11	200	Aug 11 2002
MAXIMUM PEAK FLOW			25800		a 140000	
MAXIMUM PEAK STAGE			12.01		b 29.02	
ANNUAL RUNOFF (CFSM)	0.50		0.45		1.31	
ANNUAL RUNOFF (INCHES)	6.86		6.10		17.81	
10 PERCENT EXCEEDS	4280		4810		12200	
50 PERCENT EXCEEDS	1690		1600		4170	
90 PERCENT EXCEEDS	901		467		1580	

a From rating curve extended above 72,000 ft<sup>3</sup>/s.

b At datum then in use.

e Estimated

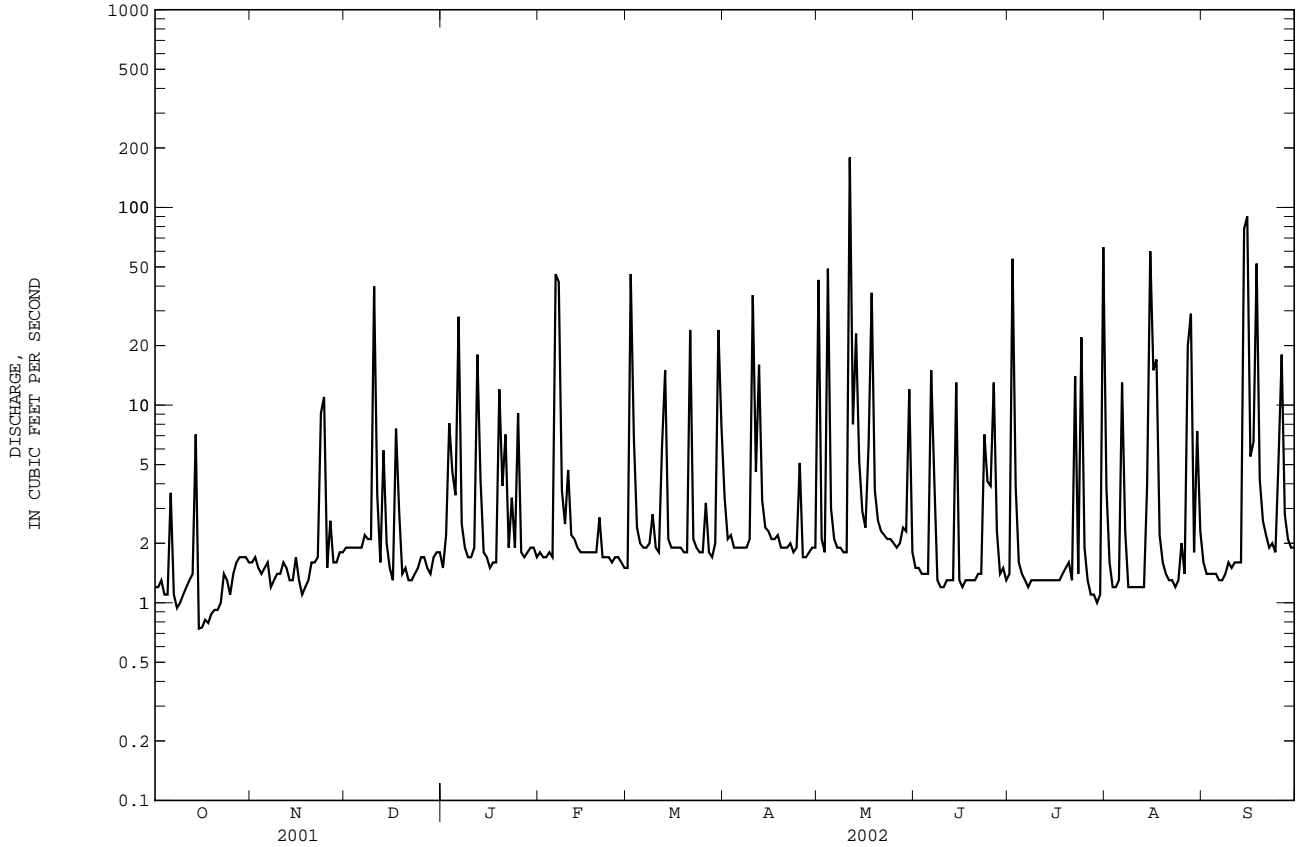




SANTEE RIVER BASIN

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

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1977 - 2002	
ANNUAL TOTAL	2070.61		1979.46			
ANNUAL MEAN	5.67		5.42		9.30	
HIGHEST ANNUAL MEAN					14.8	1991
LOWEST ANNUAL MEAN					5.42	2002
HIGHEST DAILY MEAN	78	Mar 14	179	May 11	335	Jun 11 1995
LOWEST DAILY MEAN	0.74	Oct 15	0.74	Oct 15	0.74	Oct 15 2001
ANNUAL SEVEN-DAY MINIMUM	0.83	Oct 15	0.83	Oct 15	0.83	Oct 15 2001
MAXIMUM PEAK FLOW			1230	May 11	2120	Jun 11 1995
MAXIMUM PEAK STAGE			7.84	May 11	11.69	Jun 11 1995
ANNUAL RUNOFF (CFSM)	1.00		0.96		1.64	
ANNUAL RUNOFF (INCHES)	13.58		12.99		22.28	
10 PERCENT EXCEEDS	13		9.9		18	
50 PERCENT EXCEEDS	2.4		1.8		3.7	
90 PERCENT EXCEEDS	1.2		1.2		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, 54.98 ft, Sep. 17; minimum gage height, 50.00 ft, Sep. 16.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	51.86	51.76	51.02	52.11	53.50	51.61	53.75	51.17	52.07	51.16	---	50.91
2	52.73	51.90	52.23	51.91	52.58	52.67	---	52.02	51.93	52.78	---	50.94
3	52.92	51.53	51.62	52.06	52.89	53.08	---	52.37	50.88	53.51	---	51.40
4	52.58	51.08	51.84	51.86	52.65	53.75	---	52.11	50.64	53.08	---	51.66
5	51.75	51.26	51.52	51.07	52.33	---	53.62	53.37	50.98	51.78	---	50.96
6	51.34	51.57	51.29	51.51	52.16	53.48	52.74	53.70	52.51	51.10	---	51.18
7	51.67	51.54	51.80	51.34	53.59	53.00	52.87	53.69	51.53	50.93	---	51.33
8	51.63	51.50	51.99	52.05	---	53.45	52.63	52.96	52.73	50.60	---	51.38
9	51.82	51.79	51.81	53.49	---	52.69	52.67	52.13	51.43	50.58	---	51.53
10	51.95	52.04	51.44	52.55	---	52.70	53.39	51.95	51.52	53.50	---	51.99
11	51.86	51.96	52.24	52.39	53.77	52.94	52.91	53.56	51.18	52.38	---	51.72
12	51.88	51.85	52.98	51.90	53.67	51.23	53.48	53.14	51.07	52.44	---	51.64
13	52.04	51.46	52.75	51.58	53.50	52.64	53.57	52.59	51.03	52.44	---	50.91
14	51.81	51.22	52.98	51.44	52.92	---	53.48	52.36	51.00	52.17	---	51.12
15	51.85	51.71	51.42	52.15	53.36	---	53.08	52.01	51.27	52.27	---	51.68
16	51.89	51.20	52.06	51.87	52.50	---	52.48	52.05	51.12	52.00	---	51.06
17	51.91	51.40	51.93	51.82	52.70	---	52.20	52.59	50.84	52.13	---	53.47
18	51.46	51.59	52.23	52.18	51.85	52.88	52.34	51.97	52.00	51.00	---	54.28
19	52.02	51.73	53.03	52.11	52.16	53.63	52.62	53.69	51.00	50.94	---	54.05
20	51.45	51.37	51.92	51.68	51.54	53.62	52.70	52.09	51.85	51.09	52.31	53.64
21	51.43	51.22	52.61	53.42	52.74	53.69	52.76	52.14	52.01	50.72	51.83	51.86
22	50.96	51.58	51.90	---	52.41	53.70	52.34	52.23	51.24	50.65	51.56	51.03
23	51.80	51.76	51.66	53.89	52.40	53.63	52.10	52.05	51.17	50.80	51.93	52.04
24	51.47	51.70	52.07	---	52.40	53.63	51.98	51.61	52.13	50.72	51.52	51.96
25	51.35	51.38	52.20	---	52.17	53.64	52.40	51.79	51.79	---	51.12	51.59
26	51.67	52.58	51.80	---	52.37	53.59	52.56	51.79	51.44	---	51.58	51.73
27	51.65	53.77	51.82	---	52.13	53.23	52.25	51.81	51.19	---	52.60	53.91
28	51.06	52.07	51.60	---	51.78	51.99	52.35	52.21	50.87	---	52.37	51.54
29	51.18	51.78	52.36	53.18	---	52.78	52.92	51.87	50.89	---	52.02	53.26
30	51.56	51.83	52.43	52.35	---	52.55	51.62	51.13	51.06	---	51.42	53.57
31	51.96	---	52.08	53.45	---	53.63	---	51.19	---	---	51.28	---
MEAN	51.76	51.70	52.02	---	---	---	---	52.30	51.41	---	---	51.98
MAX	52.92	53.77	53.03	---	---	---	---	53.70	52.73	---	---	54.28
MIN	50.96	51.08	51.02	---	---	---	---	51.13	50.64	---	---	50.91

## 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, 54.10 ft, Jan. 22; minimum gage height, 49.43 ft, May 15.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	51.38	51.63	50.87	51.82	52.19	51.26	51.92	50.82	51.44	51.16	51.02	50.87
2	51.49	51.66	52.02	51.58	51.38	51.26	52.28	51.66	51.63	52.40	51.10	50.89
3	51.83	51.41	51.26	51.70	51.85	51.80	52.08	51.64	50.72	---	50.91	50.97
4	51.83	50.99	51.68	51.61	51.53	52.14	51.69	51.04	50.56	---	50.75	51.76
5	51.41	51.18	51.39	50.93	51.19	52.33	51.62	51.62	50.83	---	51.03	50.95
6	50.98	51.50	51.19	51.39	51.38	51.89	51.37	51.34	51.70	---	51.61	51.10
7	51.32	51.42	51.59	51.21	52.39	51.76	51.54	51.34	51.20	---	51.76	51.26
8	51.29	51.43	51.69	51.61	53.17	51.79	51.72	51.36	52.36	---	51.64	51.37
9	51.48	51.71	51.45	52.12	52.99	51.40	51.59	51.10	51.15	50.51	51.89	51.38
10	51.62	51.97	51.21	51.60	52.51	51.40	52.10	51.31	51.37	52.80	51.98	51.92
11	51.43	51.89	51.89	51.80	52.16	51.85	51.52	51.90	51.08	52.20	51.70	51.80
12	51.55	51.77	52.35	51.44	51.97	50.94	51.73	51.52	50.98	52.34	51.25	51.63
13	51.73	51.34	52.01	51.27	51.90	51.74	51.56	51.56	50.94	52.36	50.49	51.14
14	51.48	51.13	51.85	51.09	51.70	52.73	51.57	51.40	50.92	52.10	50.40	50.84
15	51.54	51.58	50.93	51.89	52.23	52.26	51.64	51.32	51.21	51.83	50.59	51.68
16	51.61	51.09	51.82	51.52	51.17	52.42	51.45	51.21	51.06	51.57	51.56	50.90
17	51.72	51.32	51.64	51.55	51.76	51.98	51.42	51.53	50.79	51.55	52.27	51.69
18	51.28	51.52	51.82	51.93	51.53	51.36	51.43	51.60	51.75	50.78	52.38	53.15
19	51.78	51.65	52.15	51.79	51.74	51.83	51.65	52.10	50.77	50.81	51.83	52.87
20	51.09	51.24	51.20	51.17	51.11	51.76	51.52	51.44	51.72	50.98	52.06	52.25
21	51.13	51.13	51.81	52.08	51.98	51.84	51.77	51.59	51.84	50.62	51.50	52.02
22	50.85	51.50	51.32	52.82	51.77	51.84	51.59	51.78	51.05	50.57	51.54	50.75
23	51.71	51.68	51.40	51.73	51.63	51.76	51.70	51.50	51.02	50.70	51.83	51.87
24	51.31	51.55	51.83	51.83	51.71	51.79	51.52	51.27	51.98	50.69	51.47	51.75
25	51.27	51.20	51.96	52.95	51.41	51.75	51.50	51.48	51.62	51.08	51.09	51.15
26	51.59	51.88	51.47	53.05	51.55	51.69	51.72	51.49	51.33	51.50	51.58	51.08
27	51.47	52.76	51.50	52.30	51.31	51.47	51.92	51.51	51.12	51.51	51.85	53.07
28	50.96	51.69	51.31	51.59	51.28	51.22	51.78	52.02	50.83	51.51	52.13	51.50
29	51.09	51.46	52.13	51.45	---	52.13	51.42	51.62	50.87	51.33	51.72	52.32
30	51.48	51.56	52.21	51.51	---	51.51	51.32	50.92	51.05	51.42	51.51	52.67
31	51.89	---	51.78	52.22	---	51.88	---	50.99	---	51.49	51.28	---
MAX	51.89	52.76	52.35	53.05	53.17	52.73	52.28	52.10	52.36	---	52.38	53.15
MIN	50.85	50.99	50.87	50.93	51.11	50.94	51.32	50.82	50.56	---	50.40	50.75





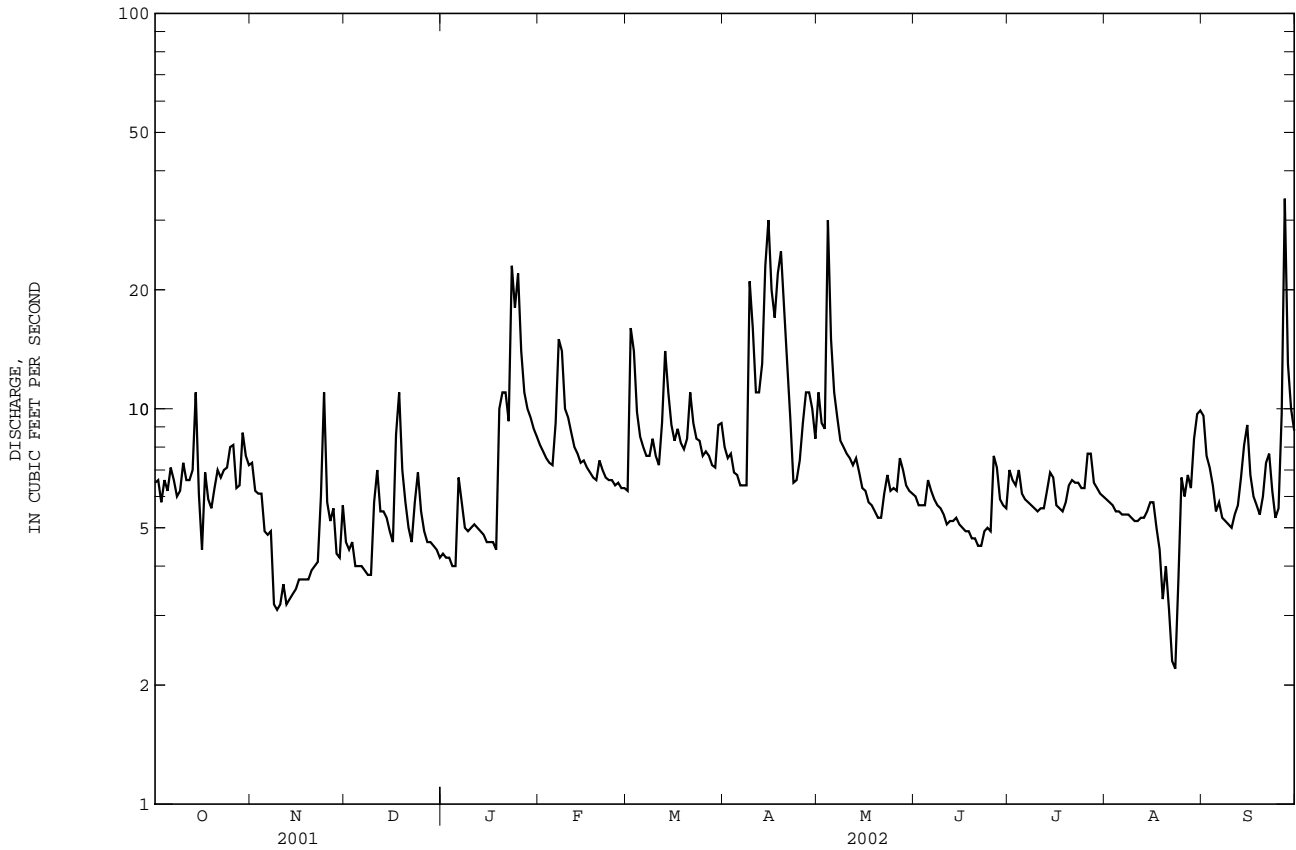
SANTEE RIVER BASIN

02162290 SOUTH SALUDA RIVER NEAR CLEVELAND, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 2000 - 2002	
ANNUAL TOTAL	1877.4		2659.9			
ANNUAL MEAN	5.14		7.29		6.04	
HIGHEST ANNUAL MEAN					7.29 2002	
LOWEST ANNUAL MEAN					4.79 2001	
HIGHEST DAILY MEAN	27	Feb 25	34	Sep 27	234	Mar 20 2000
LOWEST DAILY MEAN	1.4	Jul 15	2.2	Aug 23	1.3	Oct 8 2000
ANNUAL SEVEN-DAY MINIMUM	1.5	Jul 12	3.3	Nov 8	1.5	Jul 12 2001
MAXIMUM PEAK FLOW			56	a May 4	350	Mar 20 2000
MAXIMUM PEAK STAGE			3.29	Sep 27	4.12	Mar 20 2000
ANNUAL RUNOFF (CFSM)	0.29		0.41		0.34	
ANNUAL RUNOFF (INCHES)	3.92		5.55		4.60	
10 PERCENT EXCEEDS	7.3		11		9.4	
50 PERCENT EXCEEDS	4.6		6.3		5.5	
90 PERCENT EXCEEDS	2.3		4.4		2.7	

a Also occurred Sep. 27.

e Estimated





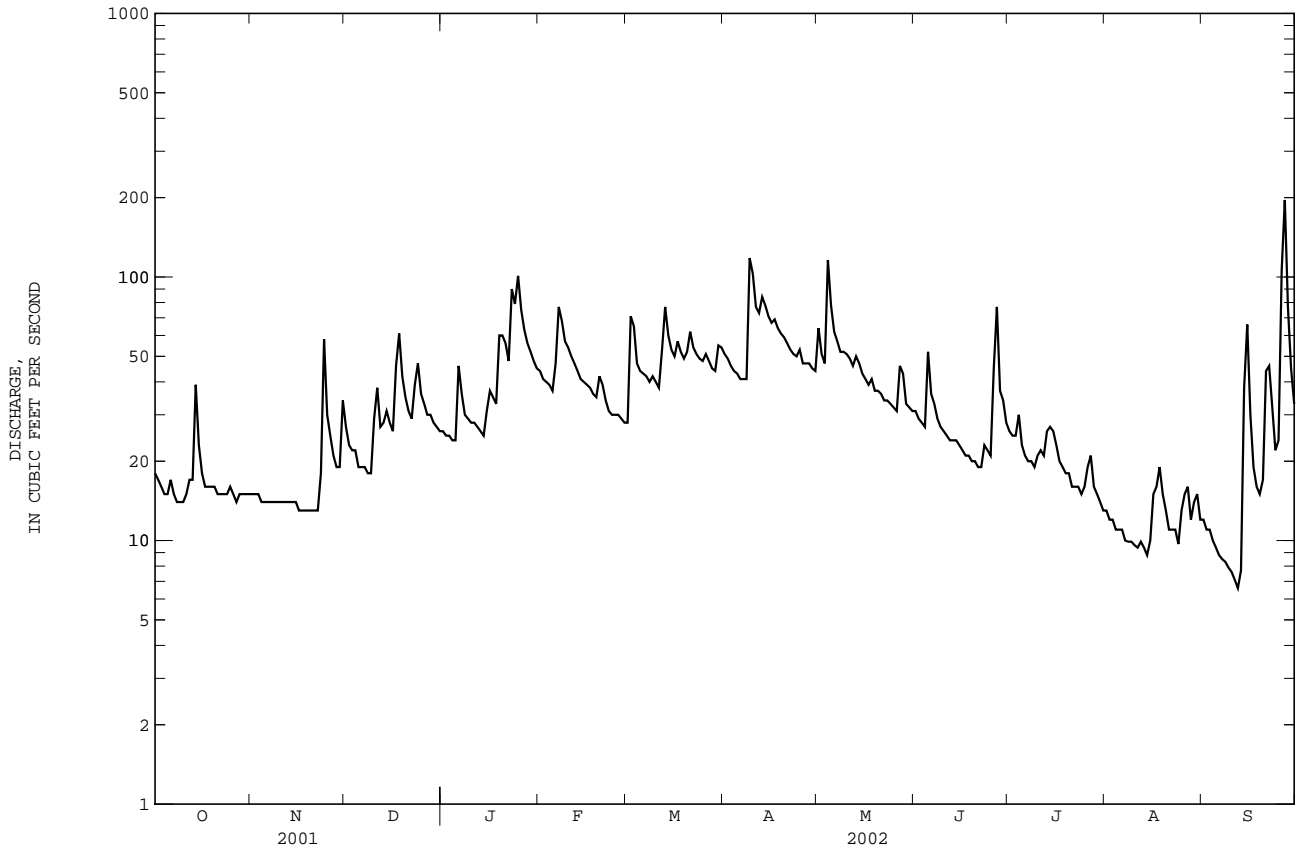
SANTEE RIVER BASIN

02162350 MIDDLE SALUDA RIVER NEAR CLEVELAND, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1981 - 2002	
ANNUAL TOTAL	10756		12102.5		56.3	
ANNUAL MEAN	29.5		33.2		90.7	
HIGHEST ANNUAL MEAN					28.3	
LOWEST ANNUAL MEAN					1993	
HIGHEST DAILY MEAN	164	Sep 24	196	Sep 27	1160	Aug 17 1994
LOWEST DAILY MEAN	12	Jul 15	6.6 a	Sep 12	6.6 a	Sep 12 2002
ANNUAL SEVEN-DAY MINIMUM	13	Jul 13	7.7	Sep 7	7.5	Sep 11 1999
MAXIMUM PEAK FLOW			302	Sep 27	b 5190	Jun 11 1986
MAXIMUM PEAK STAGE			3.83	Sep 27	11.21	Jun 11 1986
INSTANTANEOUS LOW FLOW			6.2 a	Sep 12	6.2 a	Sep 12 2002
ANNUAL RUNOFF (CFSM)	1.40		1.58		2.68	
ANNUAL RUNOFF (INCHES)	19.05		21.44		36.42	
10 PERCENT EXCEEDS	51		58		103	
50 PERCENT EXCEEDS	25		28		43	
90 PERCENT EXCEEDS	14		13		18	

a Also occurred Sep. 13.

b From rating curve extended above 1,110 ft<sup>3</sup>/s and on basis of contracted-opening measurement of peak flow.



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 mi<sup>2</sup>.

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 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	201	139	192	200	331	256	460	316	213	201	112	122
2	202	116	184	192	236	281	417	323	211	200	61	64
3	125	74	184	214	292	574	362	318	200	117	61	62
4	127	150	187	216	332	529	264	544	110	147	61	63
5	187	191	189	212	329	371	317	806	249	197	61	63
6	186	103	108	236	327	302	317	558	298	192	61	139
7	184	128	149	340	457	329	317	485	241	112	97	103
8	104	111	200	298	599	271	320	346	207	150	78	54
9	129	130	107	227	546	280	323	232	207	104	63	51
10	126	120	156	227	405	309	564	313	196	159	63	49
11	134	137	337	231	459	297	401	389	189	123	62	46
12	184	112	308	204	379	448	519	332	114	163	61	43
13	110	135	271	233	302	485	410	294	145	207	61	44
14	207	125	220	213	322	485	468	306	189	201	58	159
15	211	70	240	192	329	400	436	305	109	201	52	498
16	188	135	223	192	295	361	383	286	158	143	51	657
17	126	115	207	206	288	487	339	268	136	173	49	389
18	142	141	463	217	301	397	326	284	149	195	50	297
19	113	110	529	297	292	445	324	245	127	121	165	109
20	145	146	345	707	272	397	321	234	150	122	199	59
21	187	104	261	534	308	334	438	257	112	72	122	168
22	113	149	222	374	303	442	369	163	70	154	61	425
23	140	124	224	697	288	385	204	203	182	110	62	310
24	112	292	262	932	272	446	272	192	208	138	75	276
25	152	417	310	916	260	397	276	192	100	118	97	250
26	208	228	302	856	252	315	282	206	146	74	44	250
27	212	188	269	622	248	407	293	204	227	157	91	718
28	124	187	234	e545	212	380	270	241	317	197	108	760
29	105	113	238	e540	---	288	232	285	277	108	144	473
30	186	162	237	413	---	324	266	252	218	63	124	333
31	127	---	232	427	---	556	---	225	---	142	160	---
TOTAL	4797	4452	7590	11910	9236	11978	10490	9604	5455	4561	2614	7034
MEAN	155	148	245	384	330	386	350	310	182	147	84.3	234
MAX	212	417	529	932	599	574	564	806	317	207	199	760
MIN	104	70	107	192	212	256	204	163	70	63	44	43
CFSM	0.52	0.50	0.83	1.30	1.12	1.31	1.19	1.05	0.62	0.50	0.29	0.79
IN.	0.60	0.56	0.96	1.50	1.16	1.51	1.32	1.21	0.69	0.58	0.33	0.89

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1942 - 2002, BY WATER YEAR (WY)

	454	485	614	762	823	931	868	693	573	465	449	404
MEAN	454	485	614	762	823	931	868	693	573	465	449	404
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

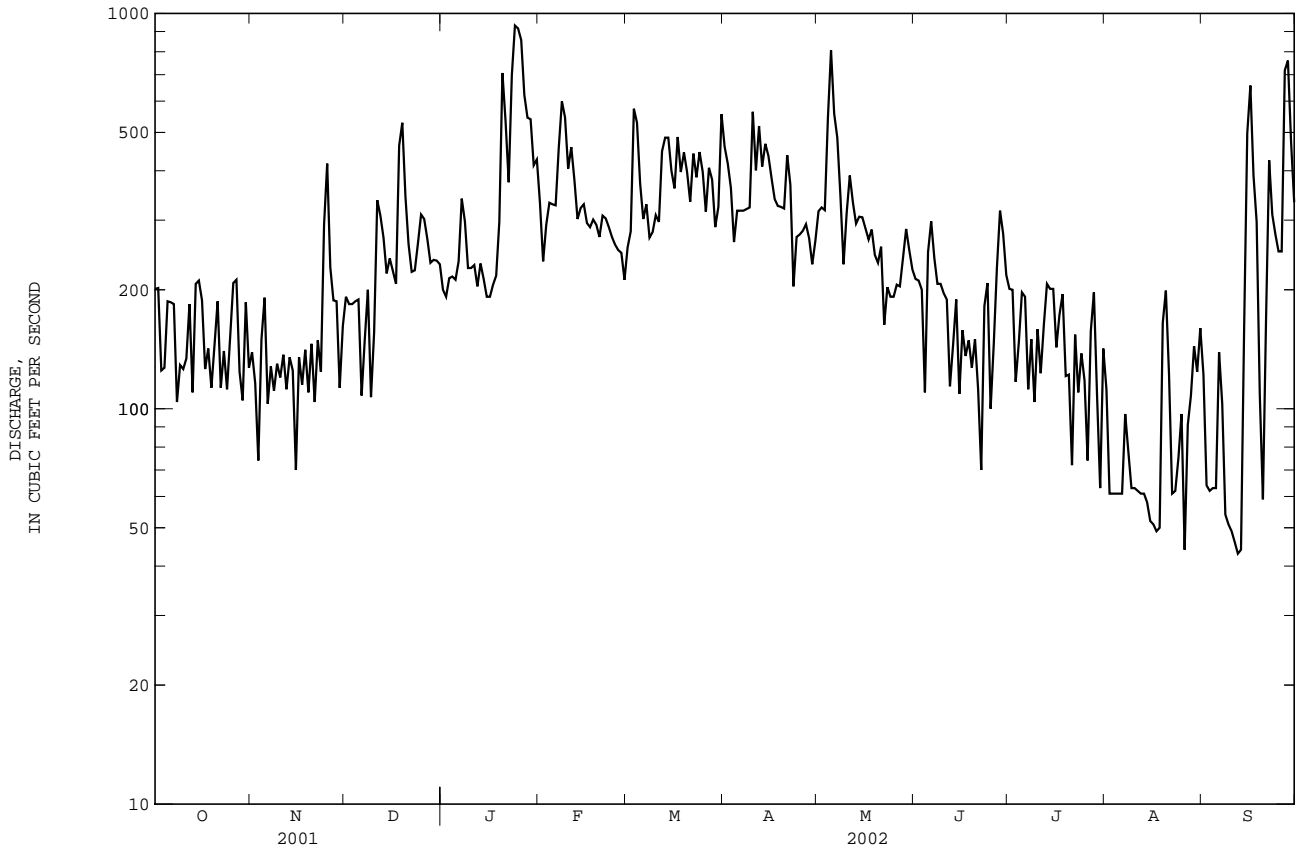
SANTEE RIVER BASIN

02162500 SALUDA RIVER NEAR GREENVILLE, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1942 - 2002	
ANNUAL TOTAL	86366		89721		625	
ANNUAL MEAN	237		246		965	
HIGHEST ANNUAL MEAN					1949	
LOWEST ANNUAL MEAN					2001	
HIGHEST DAILY MEAN	1090	Jan 20	932	Jan 24	8580	Oct 7 1949
LOWEST DAILY MEAN	52	Sep 19	43	Sep 12	36	Oct 29 1998
ANNUAL SEVEN-DAY MINIMUM	92	Jul 13	55	Aug 12	53	Oct 22 2000
MAXIMUM PEAK FLOW			1060	a Jan 23	11000	Oct 7 1949
MAXIMUM PEAK STAGE			4.19	Jan 24	19.38	Oct 7 1949
ANNUAL RUNOFF (CFSM)	0.80		0.83		2.12	
ANNUAL RUNOFF (INCHES)	10.89		11.31		28.81	
10 PERCENT EXCEEDS	416		445		1110	
50 PERCENT EXCEEDS	204		212		505	
90 PERCENT EXCEEDS	109		77		231	

a Also occurred Jan. 24.

e Estimated



02163001 SALUDA RIVER NEAR WILLIAMSTON, SC

LOCATION.--Lat 34°36'53'' (revised), long 82°26'39'' (revised), Greenville County, Hydrologic Unit 03050109, 1300 ft downstream of Pelzer Mills dam, and approximately 2 mi east of Williamston.

DRAINAGE.--414 mi<sup>2</sup>.

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 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	238	e177	270	296	556	348	735	472	283	268	188	e188
2	260	e177	264	265	341	404	536	442	275	265	120	e117
3	247	e113	264	263	382	620	608	450	305	231	108	e85
4	151	e123	262	274	426	668	453	763	214	166	96	e90
5	195	e252	249	329	442	531	417	1190	384	251	34	79
6	275	e165	254	355	466	415	433	761	382	237	33	83
7	273	e132	155	420	628	291	455	659	390	208	43	172
8	206	222	257	436	855	296	436	534	270	125	116	90
9	153	152	266	329	723	359	429	392	311	188	65	58
10	234	224	198	335	630	407	607	390	277	145	72	62
11	148	154	477	e313	491	408	659	467	240	266	70	48
12	231	214	413	e325	592	290	438	521	241	158	66	56
13	236	134	381	290	425	787	679	400	137	245	71	63
14	171	210	332	338	433	636	472	483	239	256	71	138
15	354	154	274	271	454	643	603	436	255	221	69	1430
16	241	142	344	291	427	464	448	402	143	262	180	1530
17	229	246	289	276	387	523	511	383	256	176	122	581
18	25	156	457	313	406	669	365	390	140	235	110	372
19	e194	224	621	466	405	432	473	404	240	182	115	340
20	e137	154	494	1030	399	623	369	335	130	179	211	123
21	e187	280	329	863	398	543	437	349	233	151	182	165
22	e196	122	334	620	431	437	575	328	134	122	104	344
23	e146	278	285	750	388	595	333	320	136	128	83	455
24	e171	393	389	1190	392	423	306	295	289	130	92	275
25	204	548	339	1700	377	595	407	291	186	214	78	295
26	220	333	385	1220	340	411	375	300	178	120	146	325
27	254	280	357	874	344	445	372	323	249	127	100	567
28	229	270	295	676	353	549	397	317	356	207	131	793
29	e152	251	301	493	---	393	339	332	328	152	134	593
30	e178	174	324	622	---	502	333	350	278	89	181	320
31	e193	---	329	479	---	913	---	357	---	101	e151	---
TOTAL	6328	6454	10188	16702	12891	15620	14000	13836	7479	5805	3342	9837
MEAN	204	215	329	539	460	504	467	446	249	187	108	328
MAX	354	548	621	1700	855	913	735	1190	390	268	211	1530
MIN	25	113	155	263	340	290	306	291	130	89	33	48
CFSM	0.49	0.52	0.79	1.30	1.11	1.22	1.13	1.08	0.60	0.45	0.26	0.79
IN.	0.57	0.58	0.92	1.50	1.16	1.40	1.26	1.24	0.67	0.52	0.30	0.88

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1995 - 2002, BY WATER YEAR (WY)

	1995	1996	1997	1998	1999	2000	2001	2002
MEAN	518	505	554	873	899	978	854	639
MAX	1156	1324	877	1833	1916	1729	1772	1299
(WY)	1996	1996	1997	1998	1998	1998	1998	1997
MIN	165	215	329	392	375	504	411	287
(WY)	2001	2002	2002	2001	2001	2002	2001	2001

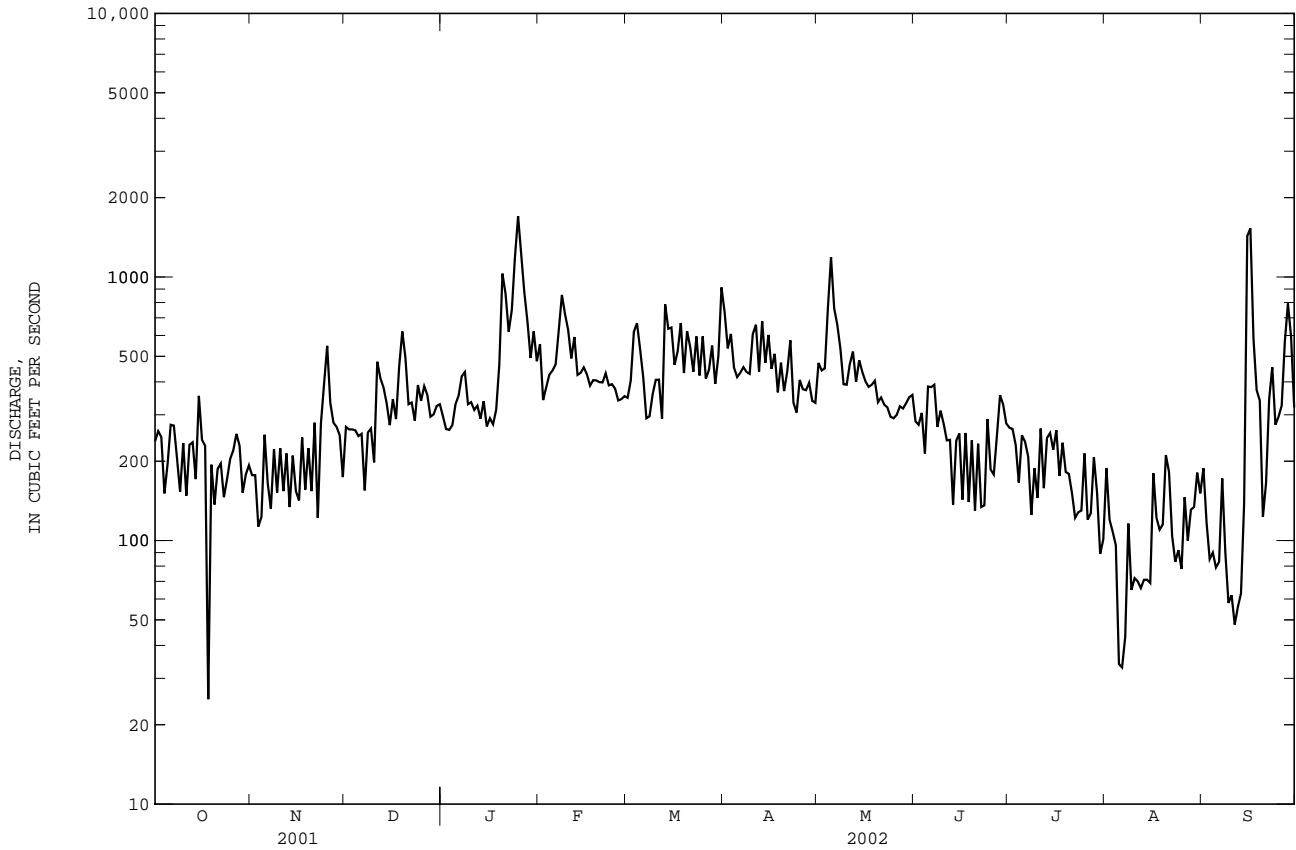
SANTEE RIVER BASIN

02163001 SALUDA RIVER NEAR WILLIAMSTON, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1995 - 2002	
ANNUAL TOTAL	118224		122482		597	
ANNUAL MEAN	324		336		1026	
HIGHEST ANNUAL MEAN					328 1998	
LOWEST ANNUAL MEAN					12000 2001	
HIGHEST DAILY MEAN	1320	Jan 20	1700	Jan 25	12000	Aug 28 1995
LOWEST DAILY MEAN	25	Oct 18	25	Oct 18	e 6.3	Jul 21 2000
ANNUAL SEVEN-DAY MINIMUM	131	Aug 25	62	Aug 5	20	Jul 18 2000
MAXIMUM PEAK FLOW			3550	Sep 15	Unknown	Aug 27 1995
MAXIMUM PEAK STAGE			8.33	Sep 15	a 21.40	Aug 27 1995
ANNUAL RUNOFF (CFSM)	0.78		0.81		1.44	
ANNUAL RUNOFF (INCHES)	10.62		11.01		19.59	
10 PERCENT EXCEEDS	544		598		1190	
50 PERCENT EXCEEDS	280		295		412	
90 PERCENT EXCEEDS	138		120		158	

a At site and datum then in use, from floodmarks.

e Estimated









SANTEE RIVER BASIN

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 mi<sup>2</sup>.

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 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.1	5.8	8.8	8.0	16	11	32	25	6.6	11	1.7	2.9
2	4.9	5.7	8.4	8.0	14	35	22	13	6.3	6.4	1.5	2.5
3	4.8	5.7	8.4	8.5	13	34	18	11	6.1	4.6	1.3	2.2
4	4.8	5.5	8.0	8.3	13	19	16	103	6.5	6.1	1.2	2.1
5	4.6	6.1	8.0	8.0	16	15	16	28	11	4.1	1.2	1.7
6	9.9	5.6	7.9	38	22	14	16	17	6.8	3.5	1.1	1.5
7	6.1	5.4	8.1	18	70	13	14	14	6.2	3.1	0.99	1.2
8	5.0	5.5	7.8	12	39	13	13	12	5.7	3.3	0.84	1.1
9	5.0	5.5	7.7	11	23	13	14	11	5.4	2.8	0.87	1.1
10	5.1	5.3	22	10	19	13	15	12	5.2	2.5	0.76	1.1
11	5.2	5.3	32	9.8	17	12	13	16	5.0	4.0	0.83	1.0
12	5.3	5.5	13	9.1	16	40	13	11	4.8	3.6	0.87	0.82
13	6.0	6.1	12	9.0	15	46	14	23	4.7	5.0	0.87	0.88
14	26	5.4	11	8.8	16	25	13	20	4.7	4.0	0.74	33
15	10	5.5	10	8.7	14	20	13	12	4.6	4.3	1.2	e250
16	6.7	5.4	9.5	8.4	13	17	12	11	4.2	8.7	37	e300
17	6.1	5.5	13	8.2	13	20	11	10	4.0	3.7	5.6	22
18	6.0	5.4	31	8.1	12	19	11	12	4.0	2.7	7.6	19
19	6.0	5.1	14	89	12	16	11	9.8	3.9	2.5	2.9	16
20	6.0	5.3	11	111	14	16	9.9	9.2	3.7	2.1	2.4	12
21	5.8	5.0	11	41	13	33	9.7	9.3	3.5	2.0	2.2	14
22	6.0	4.8	11	26	12	19	9.4	8.9	3.4	1.9	1.9	13
23	5.9	7.7	9.6	79	12	16	9.0	8.7	4.1	1.9	1.9	10
24	6.1	79	13	73	11	15	9.0	8.4	4.5	2.5	1.7	8.9
25	7.4	15	9.3	197	11	14	10	8.0	3.9	23	6.6	8.9
26	5.9	11	10	42	11	16	8.9	7.6	4.3	4.2	4.8	14
27	5.4	9.8	9.5	28	11	16	8.7	7.4	5.0	3.0	2.8	23
28	5.4	9.2	8.7	23	11	14	8.9	7.1	4.1	2.5	2.9	12
29	6.1	8.9	8.1	20	---	16	8.7	7.1	3.8	2.2	2.6	9.6
30	5.8	9.2	7.9	17	---	39	8.8	6.9	4.5	2.0	2.7	8.6
31	5.8	---	8.1	16	---	66	---	7.0	---	1.9	2.9	---
TOTAL	204.2	270.2	357.8	961.9	479	675	388.0	466.4	150.5	135.1	104.47	794.10
MEAN	6.59	9.01	11.5	31.0	17.1	21.8	12.9	15.0	5.02	4.36	3.37	26.5
MAX	26	79	32	197	70	66	32	103	11	23	37	300
MIN	4.6	4.8	7.7	8.0	11	11	8.7	6.9	3.4	1.9	0.74	0.82
CFSM	0.34	0.47	0.60	1.62	0.89	1.14	0.68	0.79	0.26	0.23	0.18	1.38
IN.	0.40	0.53	0.70	1.87	0.93	1.31	0.75	0.91	0.29	0.26	0.20	1.55

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1994 - 2002, BY WATER YEAR (WY)

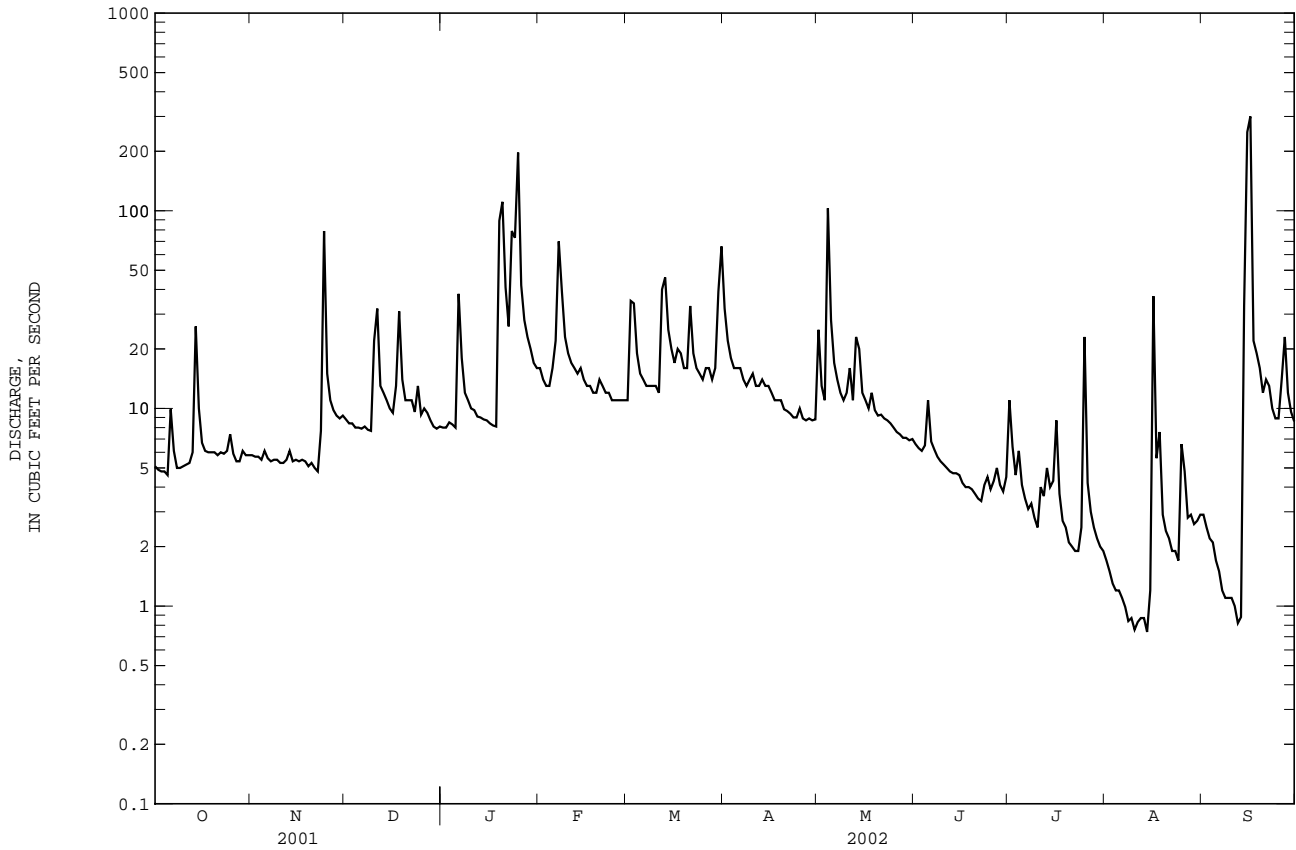
	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
MEAN	17.8	18.8	21.1	38.0	36.5	38.1	28.1	19.0	14.0	14.3	17.8	14.4
MAX	39.3	34.7	31.6	61.6	64.7	61.7	77.5	38.7	28.7	30.6	72.8	26.5
(WY)	2000	1996	1998	1998	1998	1996	1998	1998	1997	2001	1995	2002
MIN	4.52	9.01	11.5	17.1	12.7	17.0	12.9	8.51	5.02	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 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1994 - 2002	
ANNUAL TOTAL	5519.9		4986.67		22.9	
ANNUAL MEAN	15.1		13.7		36.7	
HIGHEST ANNUAL MEAN					13.7	
LOWEST ANNUAL MEAN					1000	
HIGHEST DAILY MEAN	310	Jul 25	e 300	Sep 16	1000	Aug 27 1995
LOWEST DAILY MEAN	3.5	a Aug 27	0.74	Aug 14	0.74	Aug 14 2002
ANNUAL SEVEN-DAY MINIMUM	3.6	Aug 24	0.83	Aug 8	0.83	Aug 8 2002
MAXIMUM PEAK FLOW			Unknown		Unknown	
MAXIMUM PEAK STAGE			11.74		15.17	
ANNUAL RUNOFF (CFSM)	0.79		0.71		1.20	
ANNUAL RUNOFF (INCHES)	10.74		9.70		16.29	
10 PERCENT EXCEEDS	23		23		36	
50 PERCENT EXCEEDS	9.4		8.7		13	
90 PERCENT EXCEEDS	5.3		2.2		5.5	

a Also occurred Aug. 28.  
 b From floodmarks.  
 e Estimated





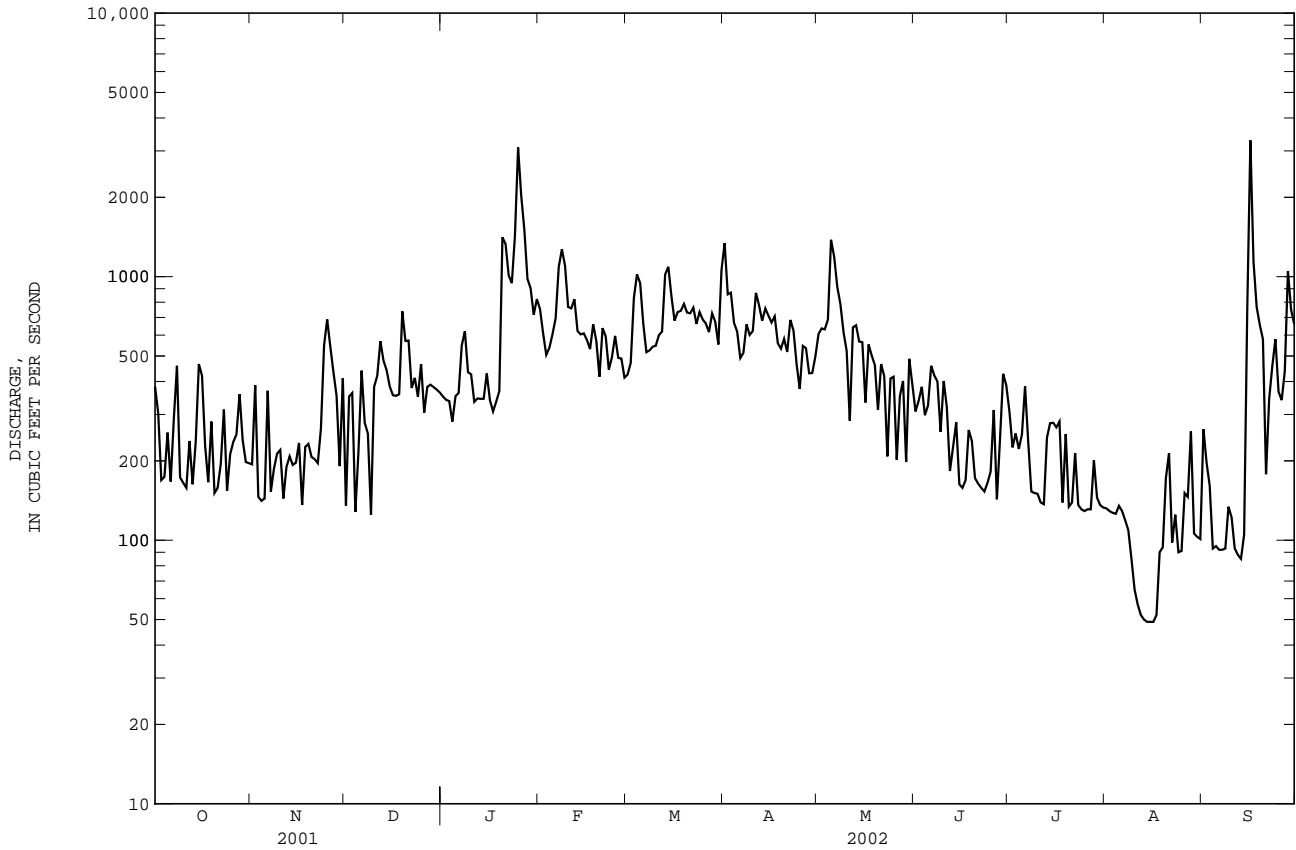
SANTEE RIVER BASIN

02163500 SALUDA RIVER NEAR WARE SHOALS, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1939 - 2002	
ANNUAL TOTAL	158534		158688		976	
ANNUAL MEAN	434		435		1569	
HIGHEST ANNUAL MEAN					435	
LOWEST ANNUAL MEAN					16100	
HIGHEST DAILY MEAN	2750	Jul 26	3290	Sep 16	16100	Aug 27 1995
LOWEST DAILY MEAN	125	Dec 9	49	a Aug 14	11	b Oct 12 1941
ANNUAL SEVEN-DAY MINIMUM	155	Aug 27	51	Aug 11	51	Aug 11 2002
MAXIMUM PEAK FLOW			4150		20900	
MAXIMUM PEAK STAGE			9.03		22.95	
ANNUAL RUNOFF (CFSM)	0.75		0.75		1.68	
ANNUAL RUNOFF (INCHES)	10.17		10.18		22.87	
10 PERCENT EXCEEDS	784		767		1780	
50 PERCENT EXCEEDS	358		362		732	
90 PERCENT EXCEEDS	174		129		312	

a Also occurred Aug. 15, 16.  
 b Also occurred Oct. 19, 1941.

e Estimated





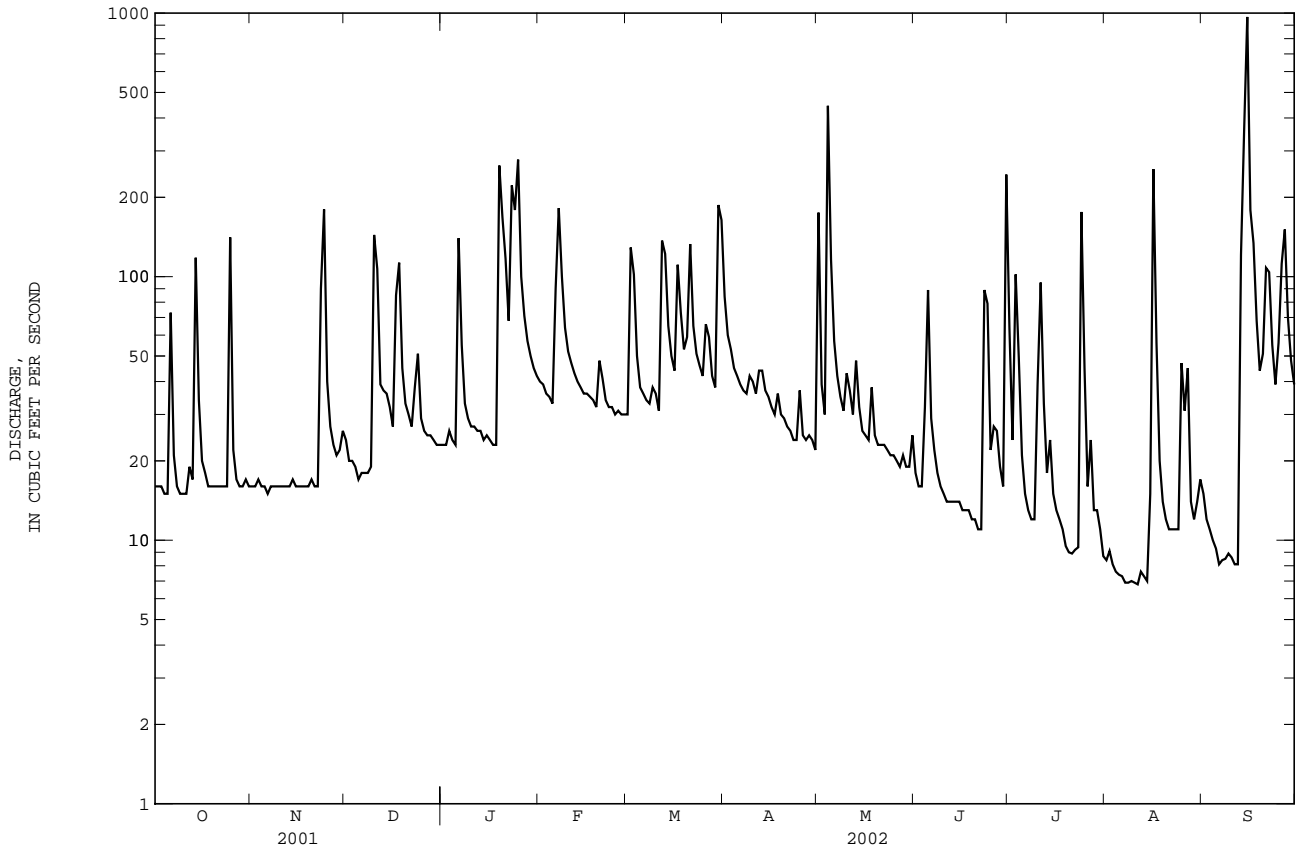
SANTEE RIVER BASIN

02164000 REEDY RIVER NEAR GREENVILLE, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1942 - 2002	
ANNUAL TOTAL	15745		16573.0		80.1	
ANNUAL MEAN	43.1		45.4		118 1949	
HIGHEST ANNUAL MEAN					43.1 1988	
LOWEST ANNUAL MEAN					4120 Aug 27 1995	
HIGHEST DAILY MEAN	548	Jul 25	967	Sep 15	4120	Aug 27 1995
LOWEST DAILY MEAN	11	a Aug 21	6.8	Aug 11	5.3	Aug 19 1999
ANNUAL SEVEN-DAY MINIMUM	11	Aug 20	7.0	Aug 5	7.0	Aug 5 2002
MAXIMUM PEAK FLOW			2820	Sep 15	5400	Aug 27 1995
MAXIMUM PEAK STAGE			8.17	Sep 15	11.88	Aug 27 1995
INSTANTANEOUS LOW FLOW			6.1	Aug 11	3.3	Aug 5 1999
ANNUAL RUNOFF (CFSM)	0.89		0.93		1.65	
ANNUAL RUNOFF (INCHES)	12.05		12.69		22.38	
10 PERCENT EXCEEDS	81		103		138	
50 PERCENT EXCEEDS	26		26		51	
90 PERCENT EXCEEDS	16		11		24	

a Also occurred Aug. 22, 23, 25, 26.

e Estimated



02164000 REEDY RIVER NEAR GREENVILLE, SC--Continued

## PRECIPITATION RECORDS

PERIOD OF RECORD.--January 1992 to current year.

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

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

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 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	0.00	0.00	0.00	0.00	0.00	0.89	0.00	0.19	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.21	0.00	0.24	0.00	0.60	0.00	0.00
4	0.00	0.00	0.00	0.08	0.00	0.00	0.02	1.91	0.02	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.00	0.00	0.00
6	0.74	0.00	0.00	0.80	---	0.00	0.00	0.00	0.02	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.47	0.00	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00	0.08	0.16	0.04	0.00	0.00	0.00	0.00
10	0.00	0.00	1.06	0.00	0.00	0.00	0.04	0.03	0.00	0.69	0.00	0.00
11	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.08	0.00	0.18	0.00	0.00
12	0.12	0.00	0.03	0.03	0.00	0.87	0.12	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.11	0.00	0.00	0.21	0.02	0.53	0.00	0.01	0.00	1.35
14	1.04	0.00	0.03	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	2.63
15	---	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.34	2.29	3.75
16	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.26	0.46
17	---	0.00	0.65	0.00	0.00	0.37	0.00	0.02	0.00	0.00	0.21	0.00
18	---	0.00	0.00	0.00	0.00	0.00	0.50	0.14	0.00	0.00	0.00	0.24
19	---	0.00	0.00	1.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	---	0.00	0.00	0.00	0.17	0.24	0.00	0.00	0.00	0.00	0.00	0.00
21	---	0.00	0.00	0.38	0.00	0.37	0.00	0.00	0.00	0.00	0.00	0.44
22	---	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
23	0.00	1.66	0.29	0.70	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00
24	0.08	0.42	0.01	1.10	0.00	0.00	0.00	0.00	0.00	2.77	0.00	0.00
25	0.26	0.01	0.00	0.09	0.00	0.00	0.12	0.00	0.00	0.01	0.82	0.42
26	0.00	0.00	0.00	0.00	0.00	0.22	0.00	0.00	0.19	0.00	0.11	0.44
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.02	0.25
28	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.18	0.00	0.00	0.00
30	0.00	0.08	0.00	0.00	---	1.25	0.00	0.00	1.12	0.00	0.00	0.00
31	0.00	---	0.00	0.02	---	0.13	---	0.00	---	0.00	0.06	---
TOTAL	---	2.17	2.20	5.20	---	4.91	1.03	3.88	1.77	4.80	3.77	10.04



## SANTEE RIVER BASIN

02164110 REEDY RIVER ABOVE FORK SHOALS, SC

LOCATION.--Lat 34°39'10'' (revised), long 82°17'51'' (revised), 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 mi<sup>2</sup>.

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 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	66	73	96	82	125	101	237	214	79	424	50	59
2	68	73	83	82	119	205	173	207	72	133	50	51
3	68	71	80	89	110	302	154	120	70	87	49	50
4	68	70	81	91	108	175	141	682	70	264	44	51
5	67	68	81	85	106	141	133	527	138	90	44	49
6	145	72	79	252	125	124	128	174	108	77	44	47
7	106	71	79	185	427	115	123	125	85	69	44	45
8	71	71	78	114	244	116	122	111	75	65	43	43
9	68	71	75	104	169	114	129	106	69	64	42	41
10	68	69	130	100	141	135	151	105	66	63	41	43
11	69	70	369	97	129	114	132	113	67	144	39	43
12	75	68	138	93	121	296	124	96	66	157	40	42
13	79	69	111	91	119	316	142	104	65	81	41	74
14	239	72	108	89	117	204	122	162	65	76	42	387
15	162	72	103	92	111	164	120	95	63	69	41	1840
16	90	71	90	90	111	142	119	90	61	70	506	2570
17	79	68	89	89	109	166	116	89	59	61	136	385
18	75	68	285	89	105	209	112	108	60	58	125	224
19	73	68	137	370	111	162	139	92	61	56	67	172
20	72	71	108	697	122	146	116	84	60	53	61	153
21	70	72	99	274	145	272	113	83	59	51	56	158
22	70	70	92	211	116	199	109	84	57	50	54	288
23	72	72	90	429	103	162	105	84	61	56	52	154
24	73	582	148	352	99	144	104	84	199	52	49	125
25	203	156	108	929	99	136	109	81	84	361	84	118
26	98	107	91	286	103	136	115	77	87	80	124	234
27	77	96	89	195	104	200	103	75	77	71	104	293
28	70	90	90	164	94	153	102	74	72	63	65	165
29	69	87	89	141	---	133	104	79	77	56	56	123
30	74	91	85	132	---	244	101	76	84	56	55	107
31	74	---	82	122	---	481	---	81	---	53	56	---
TOTAL	2758	2829	3463	6216	3692	5707	3798	4282	2316	3110	2304	8134
MEAN	89.0	94.3	112	201	132	184	127	138	77.2	100	74.3	271
MAX	239	582	369	929	427	481	237	682	199	424	506	2570
MIN	66	68	75	82	94	101	101	74	57	50	39	41
CFSM	0.86	0.91	1.07	1.93	1.27	1.77	1.22	1.33	0.74	0.96	0.71	2.61
IN.	0.99	1.01	1.24	2.22	1.32	2.04	1.36	1.53	0.83	1.11	0.82	2.91

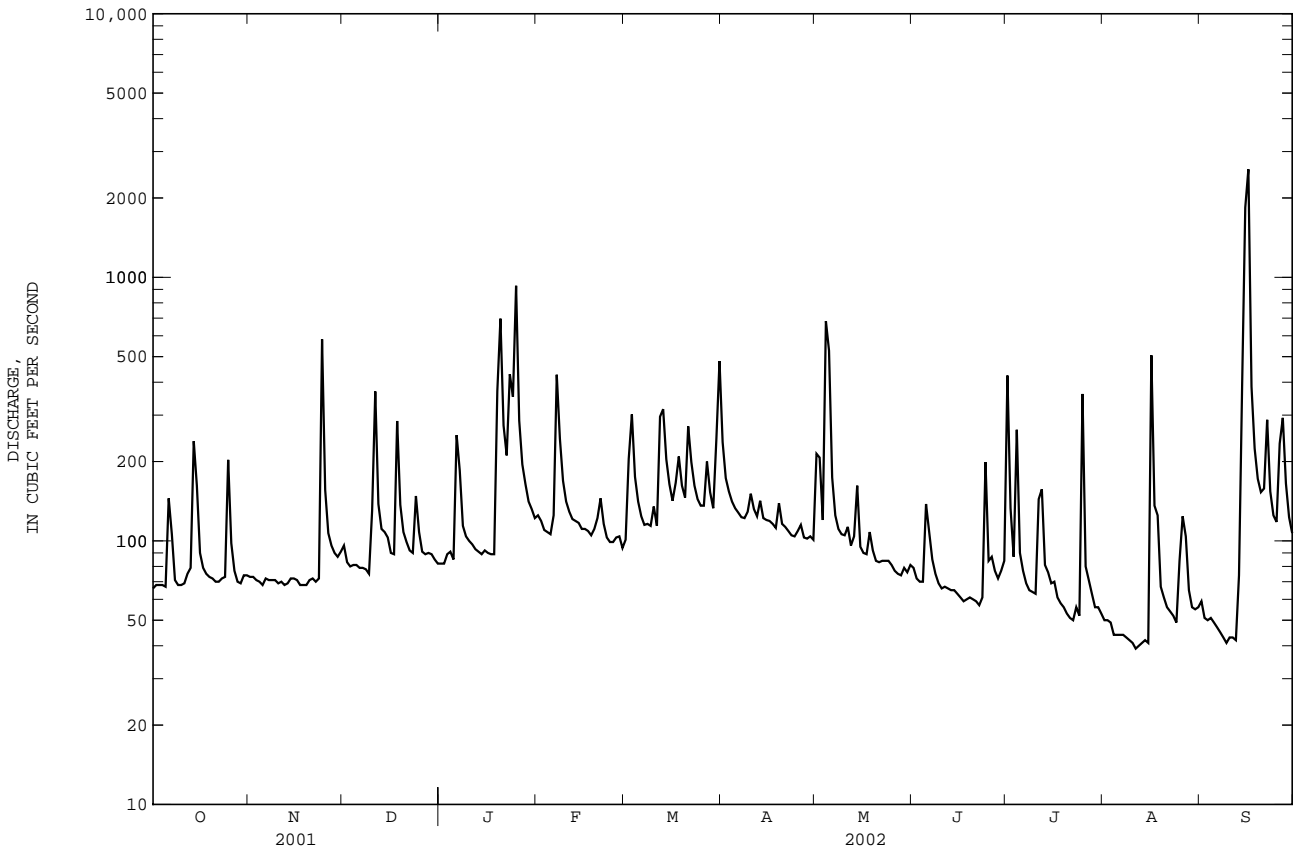
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1994 - 2002, BY WATER YEAR (WY)

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2002	2002	1997
MEAN	171	157	176	267	273	282	227	168	168	151	184	160
MAX	331	311	247	464	530	408	546	318	275	247	501	271
(WY)	2000	1996	1995	1998	1998	1998	1998	1998	1994	1994	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 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1994 - 2002	
ANNUAL TOTAL	49380		48609		198	
ANNUAL MEAN	135		133		295	
HIGHEST ANNUAL MEAN					133	
LOWEST ANNUAL MEAN					133	
HIGHEST DAILY MEAN	1480	Sep 4	2570	Sep 16	6260	Aug 27 1995
LOWEST DAILY MEAN	57	Aug 27	39	Aug 11	39	Aug 11 2002
ANNUAL SEVEN-DAY MINIMUM	62	Aug 21	41	Aug 9	41	Aug 9 2002
MAXIMUM PEAK FLOW			5780		8200	
MAXIMUM PEAK STAGE			18.62		21.77	
INSTANTANEOUS LOW FLOW			38 a		38 a	
ANNUAL RUNOFF (CFSM)	1.30		1.28		1.91	
ANNUAL RUNOFF (INCHES)	17.66		17.39		25.89	
10 PERCENT EXCEEDS	190		212		314	
50 PERCENT EXCEEDS	98		91		139	
90 PERCENT EXCEEDS	70		56		79	

a Also occurred Aug. 12.

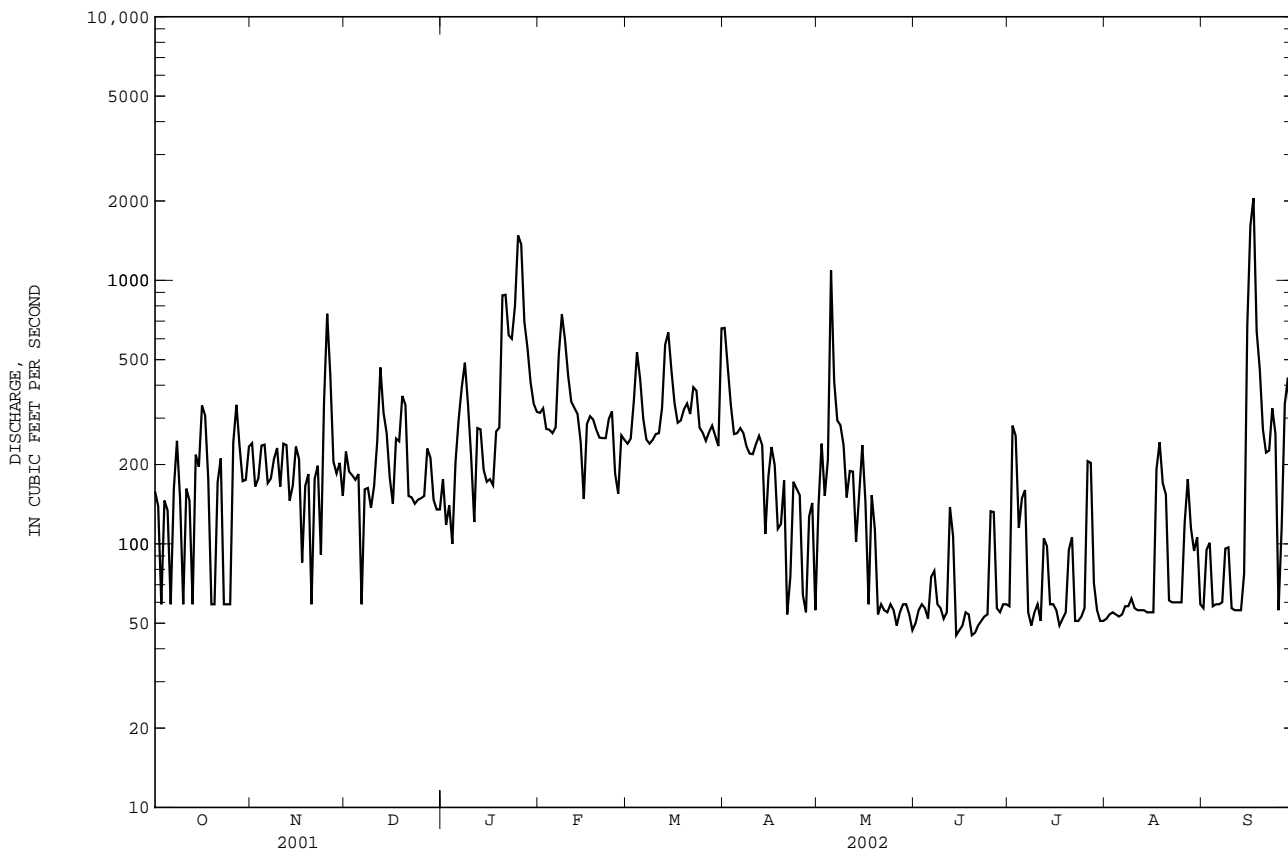




02165000 REEDY RIVER NEAR WARE SHOALS, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1939 - 2002	
ANNUAL TOTAL	84320		78029		352	
ANNUAL MEAN	231		214		570	
HIGHEST ANNUAL MEAN					1998	
LOWEST ANNUAL MEAN					c 171 1941	
HIGHEST DAILY MEAN	1640	Mar 30	2050	Sep 17	c 8800	Mar 7 1963
LOWEST DAILY MEAN	53	a May 20	45	b Jun 14	c 4.8	Sep 9 1973
ANNUAL SEVEN-DAY MINIMUM	65	Jul 14	49	Jun 14	c 20	Oct 15 1951
MAXIMUM PEAK FLOW			2900	Sep 17	c 11000	Sep 14 1973
MAXIMUM PEAK STAGE			14.79	Sep 17		18.71 Aug 28 1995
ANNUAL RUNOFF (CFSM)	0.98		0.91		1.49	
ANNUAL RUNOFF (INCHES)	13.29		12.30		20.24	
10 PERCENT EXCEEDS	400		385		627	
50 PERCENT EXCEEDS	180		170		261	
90 PERCENT EXCEEDS	59		55		92	

a Also occurred July. 15, 16.  
 b Also occurred Jun. 19.  
 c At site and datum then in use.  
 e Estimated





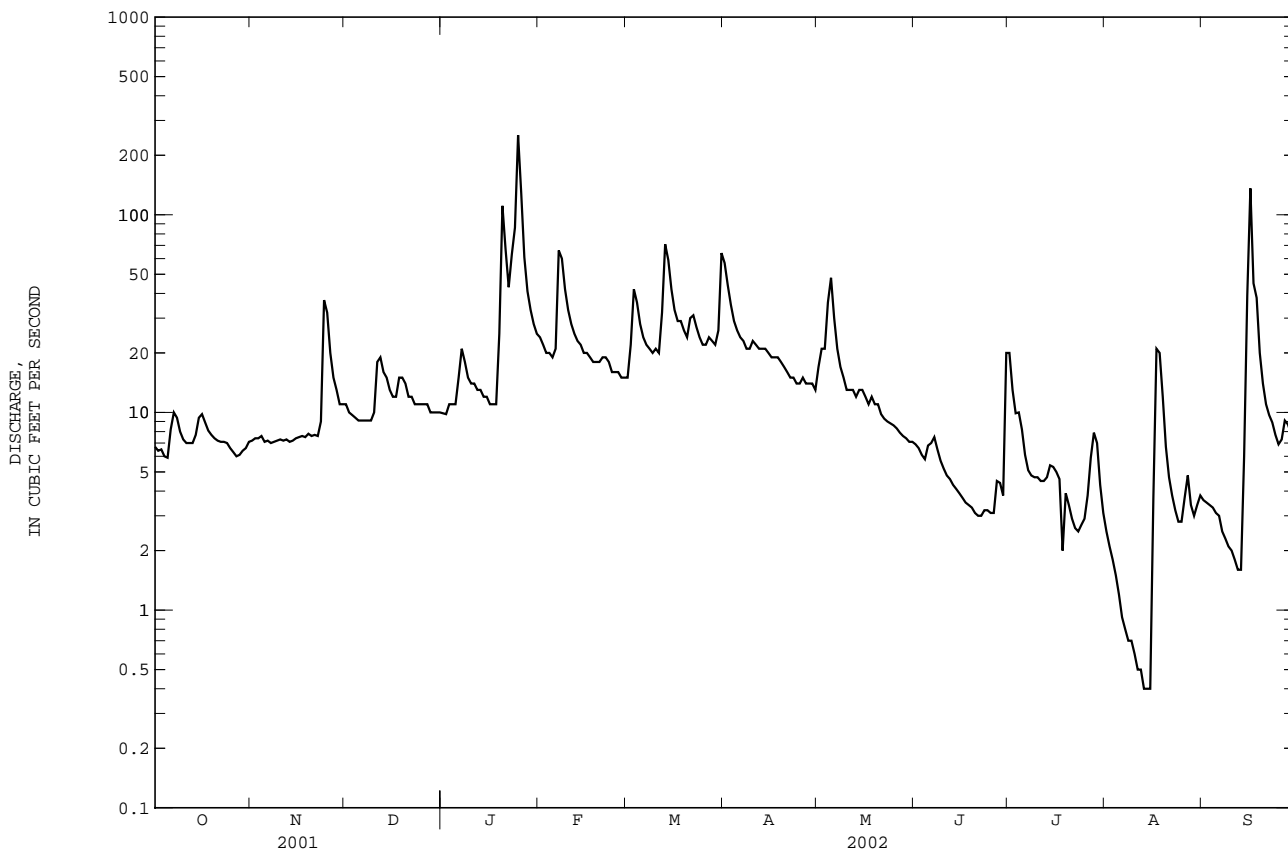
02165200 SOUTH RABON CREEK NEAR GRAY COURT, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1967 - 2002	
ANNUAL TOTAL	6426.4		5660.42		36.9	
ANNUAL MEAN	17.6		15.5		62.2 1973	
HIGHEST ANNUAL MEAN					15.5 2002	
LOWEST ANNUAL MEAN					b 2520 Sep 14 1973	
HIGHEST DAILY MEAN	215	Mar 30	253	Jan 25	e 0.40 a Aug 13 2002	
LOWEST DAILY MEAN	4.2	Aug 29	e 0.40 a	Aug 13	0.50 Aug 9 2002	
ANNUAL SEVEN-DAY MINIMUM	4.5	Aug 25	0.50	Aug 9	b 4100 Sep 14 1973	
MAXIMUM PEAK FLOW			300	Jan 25	b 9.86 Sep 14 1973	
MAXIMUM PEAK STAGE			2.71	Jan 25	1.25	
ANNUAL RUNOFF (CFSM)	0.60		0.53		16.99	
ANNUAL RUNOFF (INCHES)	8.10		7.14		59	
10 PERCENT EXCEEDS	31		29		25	
50 PERCENT EXCEEDS	12		10		11	
90 PERCENT EXCEEDS	7.0		3.1			

a Also occurred Aug. 14, 15.

b At datum then in use.

e Estimated



## SANTEE RIVER BASIN

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

## PRECIPITATION RECORDS

PERIOD OF RECORD.--October 1990 to current year.

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

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

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 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	0.00	0.00	0.00	0.00	0.00	0.84	0.00	0.26	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	1.15	0.00	0.00	0.00	0.10	0.02	0.00
3	0.00	0.00	0.00	0.00	0.02	0.30	0.00	0.73	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.20	0.00	0.00	0.00	1.40	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.37	0.00	0.00	0.00
6	0.77	0.00	0.00	0.84	1.60	0.00	0.00	0.00	0.00	0.00	0.01	0.00
7	0.00	0.00	0.00	0.00	0.24	0.00	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00	0.12	0.30	0.05	0.00	0.00	0.00	0.00
10	0.00	0.00	1.04	0.00	0.02	0.01	0.11	0.00	0.00	0.08	0.00	0.00
11	0.00	0.00	0.04	---	0.00	0.00	0.10	0.86	0.00	0.03	0.00	0.00
12	0.00	0.00	0.07	---	0.00	1.15	0.34	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.08	0.00	0.00	0.32	0.03	0.04	0.00	0.24	0.00	0.00
14	0.45	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.63	0.00	0.00	0.05	0.00	0.19	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.61	0.00	0.00	0.00	0.01
19	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.20	0.18	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.32	0.00	0.50	0.00	0.00	0.10	0.00	0.00	0.00
22	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.00
23	0.00	2.32	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.55	0.00	1.39	0.00	0.00	0.00	0.00	0.00	0.31	0.00	0.00
25	0.00	0.00	0.00	0.15	0.00	0.00	0.23	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.01	0.00	0.27	0.02	0.00	0.05	0.00	0.00	0.00
27	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.09	0.00	0.00	---	1.23	0.00	0.01	0.00	0.00	0.00	0.00
31	0.00	---	0.00	0.03	---	0.30	---	0.00	---	0.00	0.00	---
TOTAL	1.22	2.99	1.96	---	2.08	5.58	1.17	4.73	0.61	1.03	0.03	0.03

02166500 LAKE GREENWOOD NEAR CHAPPELLES, 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 mi<sup>2</sup>.

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 ft<sup>3</sup> 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 ft<sup>3</sup>. 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, 439.32 ft, May 5; minimum elevation, 434.57 ft, Feb. 3.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY OBSERVATION AT 2400 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	436.96	436.44	436.86	436.99	434.70	436.02	438.63	439.02	438.72	438.32	438.10	437.16
2	436.95	436.46	436.88	436.94	434.62	436.22	438.46	438.91	438.70	438.37	438.07	437.14
3	436.90	436.42	436.93	436.80	434.61	436.43	438.35	439.02	438.67	438.39	438.05	437.14
4	436.86	436.37	436.92	436.53	434.67	436.53	438.35	439.22	438.66	438.41	438.00	437.09
5	436.86	436.35	436.94	436.43	434.70	436.61	438.44	439.32	438.64	438.44	437.96	437.05
6	436.91	436.35	436.97	436.51	435.04	436.68	438.50	439.19	438.65	438.45	437.93	437.01
7	436.91	436.33	436.98	436.47	435.26	436.74	438.50	439.05	438.67	438.45	437.86	436.97
8	436.93	436.32	437.00	436.42	435.16	436.78	438.58	439.07	438.65	438.42	437.80	436.92
9	436.90	436.32	436.96	436.19	434.97	436.85	438.64	439.06	438.62	438.40	437.74	436.90
10	436.85	436.31	437.07	436.07	435.03	436.92	438.69	439.02	438.60	438.39	437.69	436.87
11	436.84	436.29	437.07	435.93	435.15	436.95	438.83	439.02	438.57	438.37	437.61	436.82
12	436.86	436.28	437.17	435.81	435.29	437.18	438.90	439.07	438.54	438.33	437.56	436.75
13	436.80	436.27	437.07	435.70	435.41	437.29	438.87	439.10	438.49	438.36	437.49	436.72
14	436.85	436.25	436.98	435.71	435.50	437.24	438.92	439.01	438.46	438.37	437.43	436.74
15	436.87	436.23	436.92	435.75	435.53	437.31	439.03	439.03	438.37	438.39	437.43	436.88
16	436.91	436.23	436.91	435.65	435.63	437.31	439.06	439.00	438.30	438.41	437.38	437.51
17	436.89	436.18	436.99	435.47	435.69	437.32	439.08	438.94	438.26	438.40	437.35	438.14
18	436.85	436.14	436.99	435.31	435.72	437.35	439.00	439.06	438.23	438.42	437.34	438.03
19	436.83	436.13	437.10	435.41	435.77	437.48	439.00	439.05	438.23	438.40	437.34	437.75
20	436.78	436.11	437.09	435.46	435.82	437.61	439.05	438.98	438.20	438.35	437.35	437.61
21	436.75	436.09	437.01	435.47	435.86	437.77	439.05	438.98	438.16	438.31	437.32	437.43
22	436.74	436.09	436.95	435.28	435.91	437.74	439.03	438.96	438.20	438.29	437.28	437.42
23	436.72	436.24	436.97	435.26	435.93	437.72	439.05	438.89	438.21	438.26	437.25	437.46
24	436.67	436.34	436.98	435.25	435.93	437.73	439.03	438.90	438.20	438.25	437.20	437.43
25	436.64	436.57	436.99	435.81	435.96	437.83	439.08	438.89	438.20	438.23	437.16	437.26
26	436.62	436.71	436.96	436.12	436.06	437.95	439.06	438.81	438.23	438.22	437.24	437.11
27	436.58	436.77	436.99	436.11	436.01	437.96	439.06	438.79	438.25	438.21	437.23	437.14
28	436.57	436.81	436.99	435.91	436.01	437.99	439.06	438.81	438.21	438.21	437.24	437.24
29	436.53	436.78	437.00	435.67	---	438.08	439.02	438.74	438.23	438.18	437.20	437.08
30	436.49	436.85	436.99	435.34	---	438.29	439.00	438.77	438.28	438.16	437.19	437.08
31	436.46	---	437.01	435.00	---	438.57	---	438.74	---	438.16	437.16	---
MAX	436.96	436.85	437.17	436.99	436.06	438.57	439.08	439.32	438.72	438.45	438.10	438.14
MIN	436.46	436.09	436.86	435.00	434.61	436.02	438.35	438.74	438.16	438.16	437.16	436.72
(+)	6.03	6.20	6.27	5.38	5.82	6.98	7.18	7.06	6.35	6.79	6.34	6.31
(*)	-82.1	+65.6	+26.1	-332	+182	+433	+77.2	-44.8	-81.0	-22.4	-168	-11.6
CAL YR 2001	*	+1.27	MAX 439.24	MIN 434.41								
WTR YR 2002	*	+1.90	MAX 439.32	MIN 434.61								

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

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



## SANTEE RIVER BASIN

02166501 LAKE GREENWOOD TAILRACE NEAR CHAPPELLE, SC

LOCATION.--Lat 34°10'10'', long 81°54'10'', Newberry County, Hydrologic Unit 03050109, on left wingwall at downstream side of gated spillway, 200 ft below dam, on Saluda River, 0.7 mi upstream from Wilson Creek and 2.4 mi west of Chappells.

DRAINAGE.--1,170 mi<sup>2</sup>.

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 fair except for estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	429	400	339	e442	2320	524	3390	2250	496	263	269	261
2	434	412	346	e937	1130	599	2650	1960	482	258	275	259
3	429	406	275	1080	729	1100	2120	651	472	257	e274	255
4	424	404	216	1590	421	1310	936	1050	464	258	272	250
5	350	331	260	835	528	1060	551	2130	459	254	267	250
6	306	287	314	527	632	711	550	2390	467	249	256	257
7	310	293	317	921	2690	519	666	1990	444	250	257	263
8	376	288	314	1110	3210	619	513	1090	451	251	259	263
9	429	288	311	1630	2910	526	729	957	460	249	265	246
10	381	292	319	1100	1370	531	814	897	456	252	271	240
11	290	288	705	e1050	501	670	530	555	458	257	269	241
12	333	284	511	e1120	544	586	818	530	446	267	259	244
13	427	286	1280	907	429	2220	1170	920	475	268	260	247
14	423	319	1110	444	431	2490	696	942	484	267	267	257
15	436	338	893	384	559	1380	473	638	493	254	265	347
16	445	346	514	873	453	1300	780	624	503	252	279	1250
17	446	395	e490	1110	440	1240	817	941	360	252	265	2120
18	449	438	510	1100	639	949	1060	579	267	251	265	2640
19	432	380	539	1100	503	532	666	597	268	251	254	2640
20	414	334	892	2050	470	510	561	652	263	252	259	1740
21	413	328	1070	2500	637	933	641	549	265	253	256	1400
22	401	334	678	2450	525	1230	762	525	264	255	252	860
23	416	328	463	2520	538	1250	551	628	269	258	258	646
24	428	350	459	2550	700	981	627	494	272	254	261	1120
25	418	352	482	2550	555	597	576	465	266	261	262	1300
26	426	334	488	2610	353	567	632	606	263	273	260	1300
27	421	330	452	2550	593	942	537	522	260	268	272	1030
28	447	326	436	e2550	520	862	532	513	267	265	267	965
29	440	343	430	2480	---	472	768	653	268	260	263	1930
30	418	335	444	2450	---	741	558	513	268	259	260	960
31	417	---	469	2550	---	2470	---	504	---	263	265	---
TOTAL	12608	10169	16326	48070	25330	30421	26674	28315	11330	7981	8183	25781
MEAN	407	339	527	1551	905	981	889	913	378	257	264	859
MAX	449	438	1280	2610	3210	2490	3390	2390	503	273	279	2640
MIN	290	284	216	384	353	472	473	465	260	249	252	240
CFSM	0.35	0.29	0.45	1.33	0.77	0.84	0.76	0.78	0.32	0.22	0.23	0.73
IN.	0.40	0.32	0.52	1.53	0.81	0.97	0.85	0.90	0.36	0.25	0.26	0.82

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1997 - 2002, BY WATER YEAR (WY)

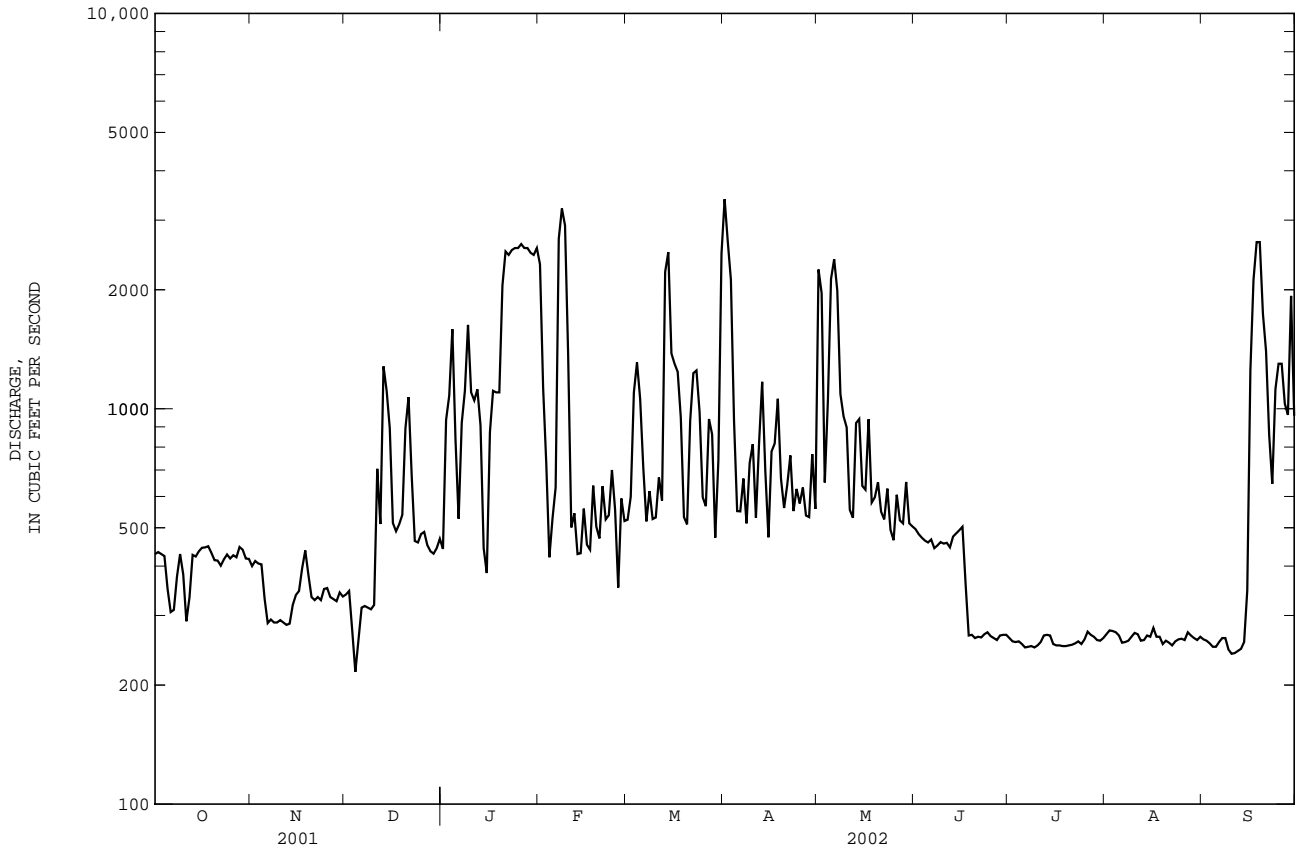
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
MEAN	816	784	1204	2138	2002	2026	1856	1365	852	695	525	788
MAX	1175	1544	2139	3948	5071	3898	4972	3070	1512	1410	799	1055
(WY)	1998	1998	1998	1998	1998	1998	1998	1998	1997	1997	1997	1998
MIN	350	339	527	1146	527	892	889	660	378	257	264	314
(WY)	2001	2002	2002	2001	2001	1999	2002	2001	2002	2002	2002	1999

02166501 LAKE GREENWOOD TAILRACE NEAR CHAPPELLS, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1997 - 2002	
ANNUAL TOTAL	277138		251188		1250	
ANNUAL MEAN	759		688		2468	
HIGHEST ANNUAL MEAN					688	
LOWEST ANNUAL MEAN					15700	
HIGHEST DAILY MEAN	3720	Mar 30	3390	Apr 1	216	Feb 5 1998
LOWEST DAILY MEAN	216	Dec 4	216	Dec 4	248	Sep 8 2002
ANNUAL SEVEN-DAY MINIMUM	287	Dec 3	248	Sep 8	Unknown	Aug 28 1995
MAXIMUM PEAK FLOW			3490		32.89	
MAXIMUM PEAK STAGE			a 12.38		1.07	
ANNUAL RUNOFF (CFSM)	0.65		0.59		14.52	
ANNUAL RUNOFF (INCHES)	8.81		7.99		3080	
10 PERCENT EXCEEDS	1310		1370		678	
50 PERCENT EXCEEDS	538		460		325	
90 PERCENT EXCEEDS	334		258			

a Also occurred Feb. 8

e Estimated



SANTEE RIVER BASIN

02167000 SALUDA RIVER AT CHAPPELLE, SC

LOCATION.--Lat 34°10'40'', long 81°51'40'', Newberry County, Hydrologic Unit 03050109, on left bank, on downstream side of bridge on State Highway 39 at Chappells, 6.7 mi downstream from dam at Lake Greenwood, 9.8 mi upstream from Little River, and at mile 52.3.

DRAINAGE AREA.--1,360 mi<sup>2</sup>.

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 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	432	438	392	503	2610	590	4200	2310	e526	e290	e295	e288
2	441	442	399	824	1310	736	3120	2670	e512	e285	e301	e286
3	438	442	340	1190	999	1420	2440	887	e502	e284	e301	e282
4	432	437	256	1630	525	1630	1150	1090	e494	e285	e299	e278
5	386	395	311	1050	654	1250	615	2250	e487	e281	e294	e276
6	321	321	355	611	640	939	603	2610	e496	e276	e285	e282
7	325	328	372	954	3110	627	711	2230	e476	e276	e283	e290
8	367	329	373	1250	3700	698	590	1240	e478	e278	e286	e296
9	443	324	368	1710	3120	608	651	992	e486	e276	e291	e284
10	425	329	378	1230	1830	606	988	936	e482	e278	e297	e277
11	306	327	669	e1100	658	749	638	627	e483	e282	e297	e277
12	314	323	570	e1160	661	674	783	568	e472	e292	e287	e279
13	439	327	1160	1130	524	2080	1260	948	e496	e294	e286	e283
14	442	349	1180	569	523	2820	881	972	e508	e294	e293	e296
15	453	381	1050	467	646	1440	520	697	e511	e283	e291	e354
16	467	386	607	845	538	1320	792	663	e529	e278	e305	e1210
17	461	416	553	1240	518	1220	859	959	e406	e278	e294	e2480
18	478	479	575	1230	705	1060	1070	630	e301	e278	e292	e3110
19	455	454	621	1240	589	611	693	637	e292	e278	e283	2590
20	442	378	888	2070	548	579	585	711	e291	e278	e285	1820
21	439	376	1170	2710	708	904	668	587	e292	e279	e284	1280
22	425	379	873	2580	592	1330	761	545	e291	e281	e280	886
23	436	384	535	2660	609	1310	561	655	e295	e285	e284	548
24	452	403	517	2770	775	1130	657	528	e299	e282	e287	900
25	444	439	547	2760	634	653	574	467	e294	e287	e289	1200
26	452	406	553	2840	426	616	673	602	e290	e299	e286	1210
27	448	395	535	2700	663	908	555	538	e287	e296	e297	1070
28	473	385	498	2630	576	1060	546	513	e293	e292	e295	759
29	482	394	501	2590	---	536	791	642	e294	e288	e291	1730
30	452	390	506	2560	---	708	580	e561	e294	e286	e287	1080
31	449	---	536	2590	---	2980	---	e529	---	e289	e291	---
TOTAL	13219	11556	18188	51393	29391	33792	29515	30794	12157	8808	9016	26201
MEAN	426	385	587	1658	1050	1090	984	993	405	284	291	873
MAX	482	479	1180	2840	3700	2980	4200	2670	529	299	305	3110
MIN	306	321	256	467	426	536	520	467	287	276	280	276
CFSM	0.31	0.28	0.43	1.22	0.77	0.80	0.72	0.73	0.30	0.21	0.21	0.64
IN.	0.36	0.32	0.50	1.41	0.80	0.92	0.81	0.84	0.33	0.24	0.25	0.72

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1927 - 2002, BY WATER YEAR (WY)

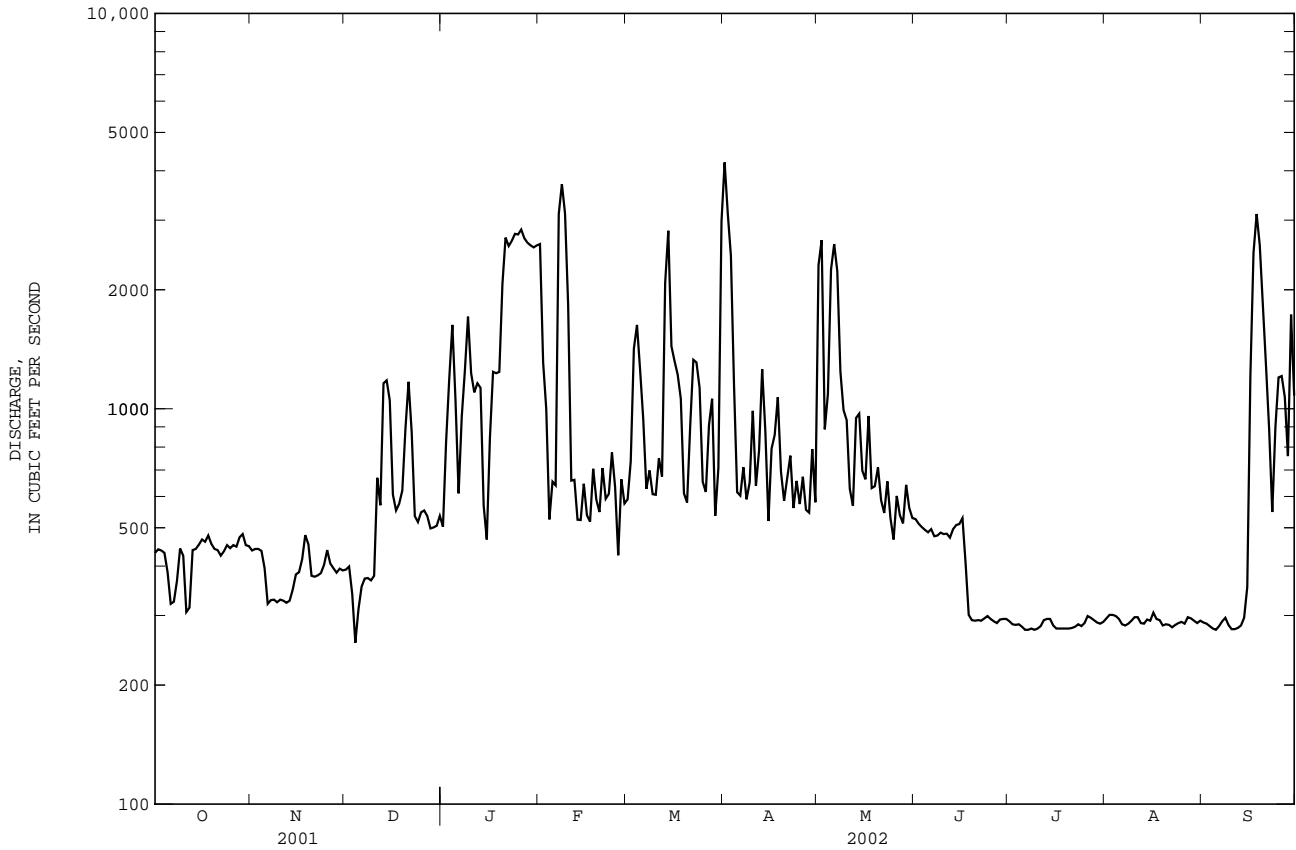
MEAN	1453	1393	1855	2573	2626	2917	2521	1766	1448	1218	1367	1281
MAX	8243	3417	5486	8844	5564	9236	10480	3970	3576	2855	9626	6709
(WY)	1930	1958	1933	1936	1960	1929	1936	1929	1965	1943	1928	1929
MIN	243	265	536	679	609	475	646	218	58.2	52.8	291	324
(WY)	1955	1954	1956	1956	2001	1988	1986	1940	1940	1940	2002	1999

02167000 SALUDA RIVER AT CHAPPELLES, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1927 - 2002	
ANNUAL TOTAL	294391		274030		1865	
ANNUAL MEAN	807		751		3110	
HIGHEST ANNUAL MEAN					732	
LOWEST ANNUAL MEAN					1929	
HIGHEST DAILY MEAN	4460	Mar 30	4200	Apr 1	56700	Oct 3 1929
LOWEST DAILY MEAN	256	Dec 4	256	Dec 4	8.0	Oct 29 1939
ANNUAL SEVEN-DAY MINIMUM	326	Nov 6	278	Jul 5	23	Jun 29 1940
MAXIMUM PEAK FLOW			4390		Apr 1	a 63700
MAXIMUM PEAK STAGE			9.53		Apr 1	a 32.50
ANNUAL RUNOFF (CFSM)	0.59		0.55		1.37	
ANNUAL RUNOFF (INCHES)	8.05		7.50		18.63	
10 PERCENT EXCEEDS	1430		1520		3780	
50 PERCENT EXCEEDS	565		512		1360	
90 PERCENT EXCEEDS	391		285		485	

a Present datum, from rating curve extended logarithmically above 29,000 ft<sup>3</sup>/s.

e Estimated



## SANTEE RIVER BASIN

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 mi<sup>2</sup>, 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 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12	16	31	33	97	64	1160	91	36	21	3.9	34
2	11	17	30	33	88	98	586	133	34	19	3.8	21
3	11	17	30	35	81	427	296	90	32	18	3.0	15
4	10	17	29	39	78	458	214	119	30	24	15	12
5	9.7	18	28	44	72	232	172	293	29	28	13	10
6	12	17	28	49	79	162	150	161	29	19	6.3	8.4
7	20	17	29	95	861	137	135	108	28	14	3.5	6.8
8	31	18	29	92	1030	121	125	88	27	12	2.3	5.6
9	19	17	28	62	414	111	119	75	25	11	1.9	4.2
10	14	18	31	53	241	114	131	67	23	11	1.4	3.5
11	14	18	43	e49	180	112	138	68	22	9.6	1.3	3.0
12	14	19	80	e45	146	105	130	100	21	13	1.0	2.2
13	15	19	55	47	127	631	146	82	20	18	0.93	1.7
14	14	19	46	48	114	650	142	74	19	17	0.71	5.2
15	14	20	41	46	104	307	124	70	18	15	1.5	22
16	19	20	38	45	101	209	111	62	17	13	6.7	134
17	16	20	36	42	94	170	103	54	16	12	3.4	173
18	13	20	48	41	87	147	95	59	16	10	1.7	140
19	13	22	79	45	82	131	89	110	15	8.0	2.5	62
20	13	21	55	346	81	122	83	84	15	6.5	3.9	46
21	13	21	42	423	83	153	77	64	14	5.3	7.4	35
22	13	22	38	200	84	283	72	54	13	4.3	7.7	30
23	14	23	37	277	78	180	69	52	15	3.9	3.3	26
24	14	38	37	499	78	142	65	49	17	4.3	1.7	23
25	13	172	37	535	72	126	67	47	23	9.1	2.4	20
26	13	79	36	681	71	118	70	45	22	24	3.4	23
27	12	50	34	333	69	138	64	43	21	17	15	31
28	12	39	34	181	67	134	62	40	28	14	17	54
29	12	35	34	137	---	113	61	38	23	10	15	44
30	13	32	33	117	---	120	57	38	17	6.9	10	30
31	14	---	32	104	---	610	---	38	---	5.1	11	---
TOTAL	437.7	881	1208	4776	4759	6625	4913	2496	665	403.0	171.64	1025.6
MEAN	14.1	29.4	39.0	154	170	214	164	80.5	22.2	13.0	5.54	34.2
MAX	31	172	80	681	1030	650	1160	293	36	28	17	173
MIN	9.7	16	28	33	67	64	57	38	13	3.9	0.71	1.7
CFSM	0.06	0.13	0.17	0.67	0.74	0.93	0.71	0.35	0.10	0.06	0.02	0.15
IN.	0.07	0.14	0.20	0.77	0.77	1.07	0.79	0.40	0.11	0.07	0.03	0.17

## STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 2002, BY WATER YEAR (WY)

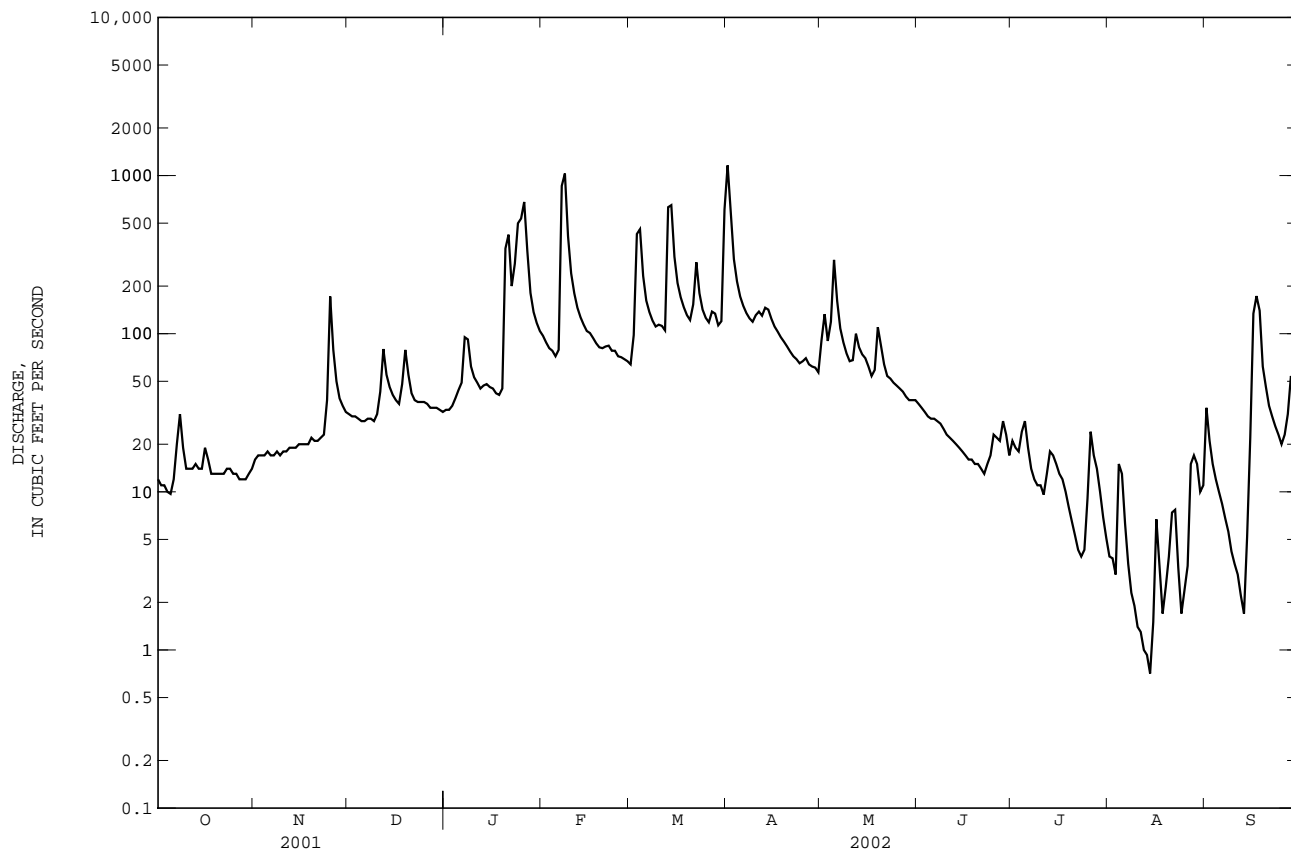
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
MEAN	113	160	183	305	384	408	217	138	122	64.1	92.3	64.0	
MAX	369	572	592	658	714	906	678	316	619	157	359	172	
(WY)	1991	1993	1995	1993	1995	1993	1998	1991	1994	1997	1994	2000	
MIN	14.1	29.4	39.0	67.9	72.3	131	103	40.3	22.2	13.0	5.54	19.4	
(WY)	2002	2002	2002	2001	2001	1999	2000	2001	2002	2002	2002	1999	

02167450 LITTLE RIVER NEAR SILVERSTREET, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1990 - 2002	
ANNUAL TOTAL	30667.3		28360.94		188	
ANNUAL MEAN	84.0		77.7		304	
HIGHEST ANNUAL MEAN					77.7	
LOWEST ANNUAL MEAN					304	
HIGHEST DAILY MEAN	2030	Mar 22	1160	Apr 1	5600	Feb 3 1996
LOWEST DAILY MEAN	4.1	a Aug 30	0.71	Aug 14	0.71	Aug 14 2002
ANNUAL SEVEN-DAY MINIMUM	4.7	Aug 27	1.2	Aug 9	1.2	Aug 9 2002
MAXIMUM PEAK FLOW			1290	Apr 1	8400	Jun 5 1994
MAXIMUM PEAK STAGE			9.55	Apr 1	15.60	Jun 5 1994
ANNUAL RUNOFF (CFSM)	0.37		0.34		0.82	
ANNUAL RUNOFF (INCHES)	4.96		4.59		11.12	
10 PERCENT EXCEEDS	132		151		331	
50 PERCENT EXCEEDS	41		34		92	
90 PERCENT EXCEEDS	13		6.9		28	

a Also occurred Aug. 31.

e Estimated



## SANTEE RIVER BASIN

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 mi<sup>2</sup>.

## 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 poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e0.17	0.28	0.65	0.90	2.4	1.3	49	13	0.03	0.01	e0.02	2.7
2	e0.13	0.33	0.69	0.94	0.91	23	27	18	0.10	1.8	e0.01	3.0
3	e0.12	0.39	1.5	1.2	1.4	75	21	6.6	0.03	0.17	e0.00	1.9
4	e0.08	0.40	0.27	1.6	1.7	24	13	38	0.06	0.04	e0.00	1.3
5	e0.04	e1.5	0.57	1.8	1.8	7.9	10	30	0.08	0.03	e0.00	0.93
6	e0.36	e0.20	0.66	e6.5	e8.0	4.8	8.0	12	0.10	0.02	e0.00	0.78
7	e0.83	e0.68	0.66	e11	e84	4.3	6.5	4.4	0.16	0.02	e0.00	0.73
8	1.2	e0.39	0.64	2.4	e48	2.5	6.1	2.5	0.17	0.01	0.00	0.67
9	0.69	e0.18	0.59	1.6	11	2.6	8.1	1.8	0.18	0.01	0.00	0.63
10	0.41	e0.19	1.1	1.2	5.1	5.1	18	1.3	0.14	0.01	0.00	0.53
11	0.34	0.23	5.8	e1.3	4.1	5.2	16	9.0	0.17	0.02	0.00	0.39
12	0.53	0.35	2.8	e1.1	3.0	25	15	17	0.13	0.46	e0.00	0.23
13	e0.16	0.41	1.6	1.7	1.5	134	22	6.7	0.14	0.03	e0.00	0.29
14	0.25	0.33	1.8	1.8	2.0	36	16	19	0.10	0.02	0.00	5.5
15	0.28	0.33	0.52	1.5	1.9	24	11	4.5	0.06	0.01	0.83	26
16	0.44	0.49	0.76	1.3	1.9	18	7.1	1.5	0.02	0.01	0.02	42
17	0.39	0.41	1.6	1.1	1.8	14	4.2	0.92	0.01	0.00	0.00	15
18	0.75	0.48	9.5	1.2	3.3	12	10	11	0.00	0.00	0.09	4.8
19	0.19	0.68	4.8	e10	1.0	11	11	19	0.00	0.00	0.04	3.5
20	0.18	0.74	1.7	e39	1.7	10	5.2	2.8	0.00	0.00	0.05	4.0
21	0.18	0.55	0.84	8.2	4.1	56	3.4	0.88	0.00	0.00	0.77	2.9
22	0.17	0.54	0.80	6.0	2.7	30	2.7	0.39	0.09	0.03	1.1	1.9
23	e0.22	1.5	0.83	e35	1.7	20	1.7	0.18	0.03	0.00	0.27	1.3
24	e0.18	e15	0.88	e20	2.4	14	1.3	0.15	0.02	1.3	0.44	0.87
25	e0.14	4.4	0.71	e40	2.0	11	1.8	0.13	0.01	e0.00	0.73	0.82
26	e0.12	0.89	1.1	e15	4.1	11	1.8	0.09	0.01	e0.00	4.6	1.5
27	e0.10	0.57	0.54	3.8	2.1	25	2.1	0.08	0.04	e0.00	1.8	3.8
28	e0.12	0.47	0.69	2.4	1.4	14	2.6	0.07	0.01	e0.00	5.7	13
29	e0.13	0.49	0.62	2.0	---	9.6	2.6	0.05	0.00	e0.00	3.1	7.1
30	e0.13	0.61	0.71	1.6	---	21	2.0	0.06	0.00	e0.00	1.9	4.2
31	0.23	---	0.77	1.5	---	98	---	0.06	---	e0.00	1.6	---
TOTAL	9.26	34.01	46.70	224.64	207.01	749.3	306.2	221.16	1.89	4.00	23.07	152.27
MEAN	0.30	1.13	1.51	7.25	7.39	24.2	10.2	7.13	0.063	0.13	0.74	5.08
MAX	1.2	15	9.5	40	84	134	49	38	0.18	1.8	5.7	42
MIN	0.04	0.18	0.27	0.90	0.91	1.3	1.3	0.05	0.00	0.00	0.00	0.23
CFSM	0.03	0.10	0.14	0.65	0.67	2.18	0.92	0.64	0.01	0.01	0.07	0.46
IN.	0.03	0.11	0.16	0.75	0.69	2.51	1.03	0.74	0.01	0.01	0.08	0.51

## STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1995 - 2002, BY WATER YEAR (WY)

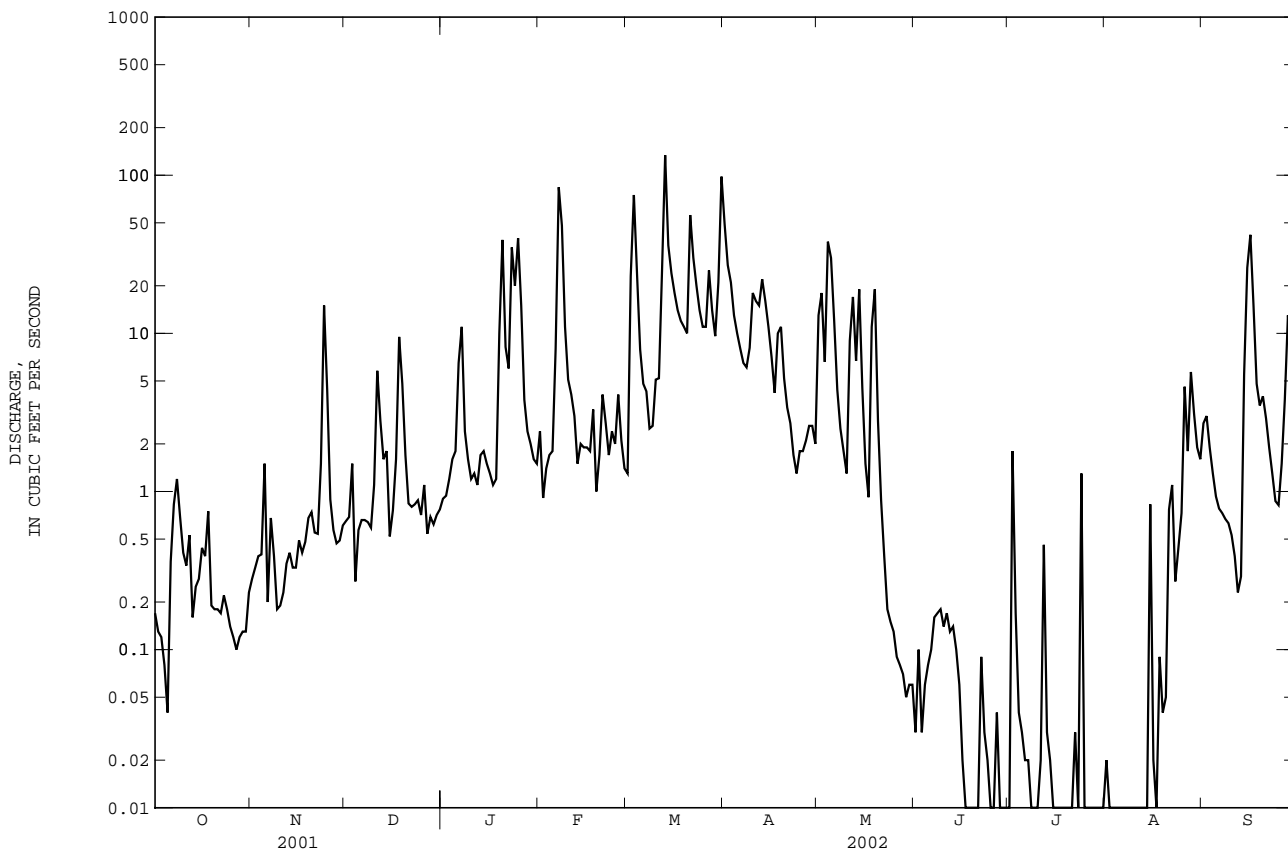
	1995	1996	1997	1998	1999	2000	2001	2002
MEAN	8.51	10.4	9.62	20.2	23.8	26.9	22.1	8.86
MAX	22.8	31.2	28.0	43.0	50.1	44.7	60.1	14.2
(WY)	1997	1996	1998	1998	1998	1998	1998	1996
MIN	0.30	1.13	1.51	4.61	4.79	10.1	3.58	2.90
(WY)	2002	2002	2002	2001	2001	1999	2001	2001

02167557 BUSH RIVER AT JOANNA, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1995 - 2002	
ANNUAL TOTAL	1778.74		1979.51		12.6	
ANNUAL MEAN	4.87		5.42		23.8	
HIGHEST ANNUAL MEAN					5.42	
LOWEST ANNUAL MEAN					1998	
HIGHEST DAILY MEAN	231	Mar 21	134	Mar 13	557	Sep 23 2000
LOWEST DAILY MEAN	0.00	a Aug 28	0.00	b Jun 18	0.00	a Aug 28 2001
ANNUAL SEVEN-DAY MINIMUM	0.00	Aug 28	0.00	Jul 25	0.00	Aug 28 2001
MAXIMUM PEAK FLOW			231	Mar 13	1160	Feb 2 1996
MAXIMUM PEAK STAGE			5.72	Mar 13	8.09	Feb 2 1996
ANNUAL RUNOFF (CFSM)	0.44		0.49		1.14	
ANNUAL RUNOFF (INCHES)	5.96		6.63		15.48	
10 PERCENT EXCEEDS	5.4		15		22	
50 PERCENT EXCEEDS	1.5		0.92		4.8	
90 PERCENT EXCEEDS	0.13		0.01		0.64	

a Also occurred many days in 2001 and 2002.  
 b Also occurred many days in June, July, and August.

e Estimated





## SANTEE RIVER BASIN

02167557 BUSH RIVER AT JOANNA, SC--Continued

## PRECIPITATION RECORDS

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

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

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

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 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	0.01	0.00	0.01	0.00	0.04	0.31	0.00	0.20	0.00	0.02
2	0.00	0.00	0.00	0.00	0.00	1.25	0.00	0.00	0.00	1.11	0.07	0.00
3	0.00	0.00	0.00	0.01	0.07	0.36	0.00	0.11	0.00	0.00	0.00	0.00
4	0.00	0.00	0.01	0.07	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00
5	0.01	0.00	0.00	0.22	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00
6	0.66	0.00	0.00	0.73	1.80	0.00	0.00	0.00	0.00	0.00	0.09	0.00
7	0.00	0.00	0.00	0.00	0.31	0.00	0.00	0.01	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.01	0.00	0.00	0.00	0.00	0.17	0.24	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.82	0.00	0.00	0.00	0.08	0.01	0.00	0.01	0.00	0.00
11	0.00	0.00	0.02	---	0.00	0.00	0.04	0.00	0.00	0.13	0.00	0.00
12	0.00	0.00	0.02	---	0.00	0.76	0.02	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.03	0.00	0.00	0.22	0.02	0.01	0.00	0.02	0.00	0.08
14	0.18	0.00	0.01	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	2.52
15	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.78	0.84
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
17	0.00	0.00	0.80	0.01	0.00	0.03	0.00	0.00	0.00	0.00	0.09	0.09
18	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.20	0.30
19	0.00	0.00	0.00	1.83	0.00	0.00	0.01	0.00	0.00	0.00	0.28	0.01
20	0.00	0.00	0.00	0.00	0.10	0.07	0.00	0.00	0.00	0.00	0.00	0.00
21	0.01	0.00	0.00	0.23	0.01	0.25	0.00	0.01	0.05	0.00	0.00	0.04
22	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.42	0.02	0.00	0.00
23	0.00	1.23	0.06	0.84	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
24	0.00	0.17	0.01	0.61	0.00	0.00	0.00	0.00	0.02	0.37	0.00	0.00
25	0.00	0.00	0.00	0.14	0.00	0.00	0.18	0.00	0.00	0.01	0.28	0.11
26	0.00	0.00	0.00	0.01	0.00	0.17	0.01	0.00	0.00	0.00	1.94	0.77
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.28
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.04	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.01	0.00	0.01	0.00
30	0.00	0.01	0.00	0.00	---	0.64	0.00	0.00	0.00	0.00	0.24	0.00
31	0.00	---	0.00	0.02	---	0.18	---	0.00	---	0.16	0.04	---
TOTAL	0.88	1.41	1.80	---	2.32	4.10	0.67	0.49	0.52	2.04	4.08	5.06

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 mi<sup>2</sup>.

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 poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.1	3.5	7.3	7.3	21	15	407	e32	e8.5	e3.5	1.2	15
2	3.9	4.3	8.0	7.3	19	77	231	e34	e7.2	e3.4	1.4	16
3	3.6	4.5	7.4	9.1	18	194	96	e29	e7.1	e3.1	1.9	11
4	2.8	3.7	7.5	11	17	149	62	e54	e6.9	e3.0	1.5	8.9
5	2.6	3.4	7.2	13	14	83	49	e67	e5.8	e3.3	0.84	7.2
6	6.1	3.9	8.5	32	31	50	42	e64	e5.6	e3.0	0.03	6.5
7	7.2	3.8	8.2	44	437	39	36	e35	e5.1	e2.5	0.02	4.9
8	6.0	5.6	8.1	39	297	33	33	e24	e4.7	e2.1	0.02	4.3
9	4.6	6.1	9.6	26	169	30	27	e19	e4.2	e1.9	0.02	3.6
10	4.0	5.9	9.5	19	71	30	34	e21	e4.2	e1.9	0.02	2.9
11	5.9	3.9	25	e16	49	27	41	e122	e4.0	e1.9	0.01	2.4
12	5.8	4.8	20	14	38	32	43	e119	e4.2	e1.9	0.00	1.7
13	5.3	4.8	21	16	33	263	54	e64	e3.7	e2.1	0.00	1.3
14	4.7	4.1	18	14	28	225	45	e54	e3.4	e5.2	e0.00	3.0
15	5.6	5.2	15	13	24	130	39	e34	e3.2	e3.3	e0.08	27
16	4.9	5.7	12	12	22	64	32	e26	e2.8	e2.6	0.12	43
17	4.1	5.5	12	13	21	49	e27	e23	e2.7	e2.3	0.14	62
18	3.0	6.0	32	12	19	41	e25	e33	e2.7	e2.1	0.13	156
19	3.3	5.9	26	28	18	36	e22	e33	e2.7	e2.0	18	50
20	3.4	5.8	25	131	20	33	e20	e28	e2.7	e1.7	6.6	28
21	4.9	5.3	19	149	20	57	e19	e24	e2.6	e1.3	3.1	20
22	4.0	5.6	14	86	18	87	e18	e19	e2.5	e1.2	1.3	17
23	3.5	7.3	13	155	20	75	e14	e16	e2.9	e1.4	0.74	14
24	3.3	41	12	135	18	45	e14	e14	e3.2	e2.8	2.5	11
25	2.6	35	11	220	17	36	e16	e12	e4.2	7.4	56	9.7
26	2.2	42	9.8	140	16	32	e14	e10	e4.0	6.4	103	22
27	2.4	23	8.9	88	15	34	e13	e10	e4.0	4.0	198	60
28	2.9	13	8.1	46	16	e41	e12	e8.6	e3.7	3.6	84	34
29	3.5	8.9	8.2	33	---	36	e12	e8.5	e3.3	3.6	34	20
30	3.2	8.4	7.7	26	---	40	e12	e8.0	e3.9	3.0	17	16
31	3.4	---	7.5	22	---	237	---	e9.0	---	2.3	18	---
TOTAL	126.8	285.9	406.5	1576.7	1506	2320	1509	1054.1	125.7	89.8	549.67	678.4
MEAN	4.09	9.53	13.1	50.9	53.8	74.8	50.3	34.0	4.19	2.90	17.7	22.6
MAX	7.2	42	32	220	437	263	407	122	8.5	7.4	198	156
MIN	2.2	3.4	7.2	7.3	14	15	12	8.0	2.5	1.2	0.00	1.3
CFSM	0.07	0.15	0.21	0.82	0.86	1.20	0.81	0.55	0.07	0.05	0.29	0.36
IN.	0.08	0.17	0.24	0.94	0.90	1.39	0.90	0.63	0.08	0.05	0.33	0.41

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2002, BY WATER YEAR (WY)

	1999	2000	2001	2002
MEAN	9.06	16.8	16.3	55.3
MAX	13.5	25.7	18.0	91.2
(WY)	2000	2001	2001	2000
MIN	4.09	9.53	13.1	23.8
(WY)	2002	2002	2002	2001

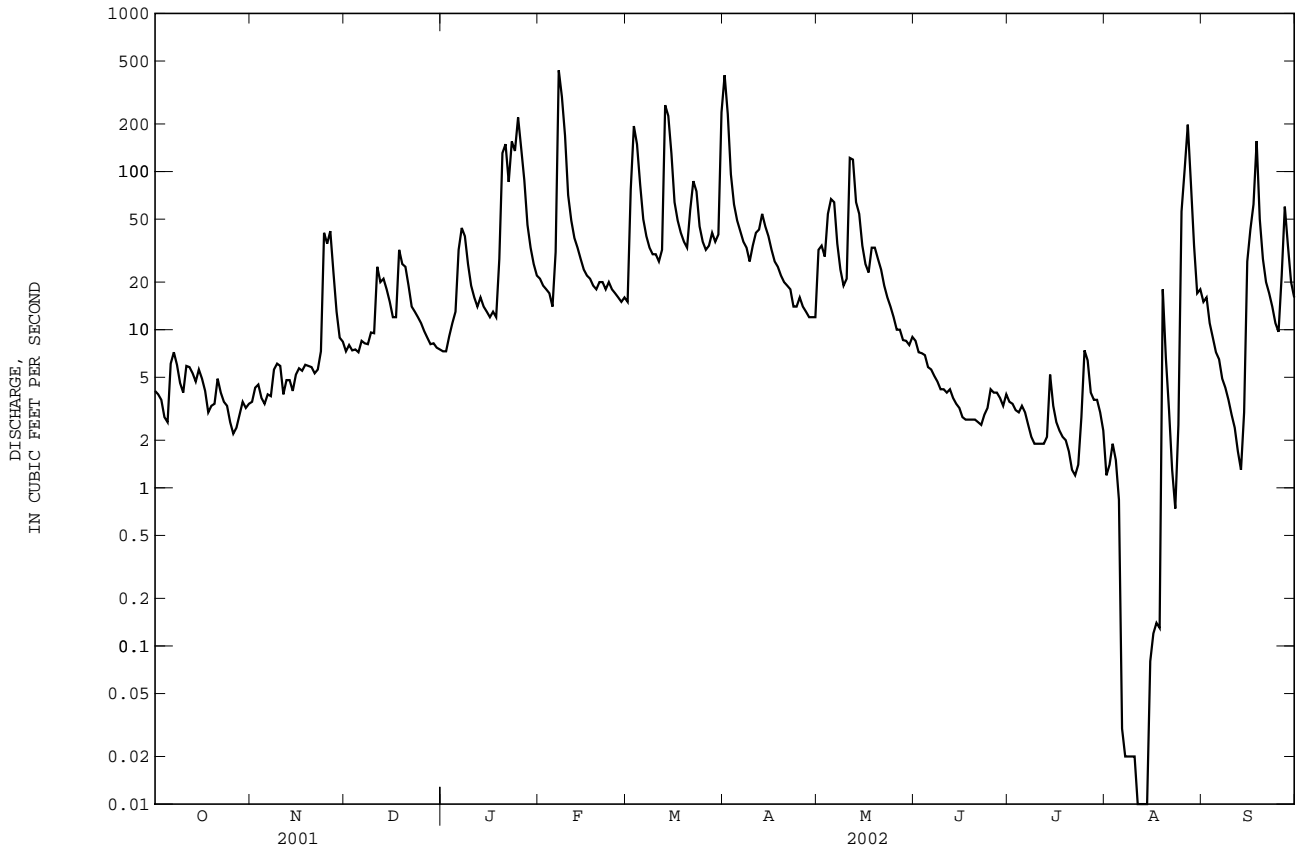
SANTEE RIVER BASIN

02167563 BUSH RIVER AT NEWBERRY, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1999 - 2002	
ANNUAL TOTAL	10221.1		10228.57		31.0	
ANNUAL MEAN	28.0		28.0		34.8	
HIGHEST ANNUAL MEAN					28.0	
LOWEST ANNUAL MEAN					28.0	
HIGHEST DAILY MEAN	725	Mar 21	437	Feb 7	725	Mar 21 2001
LOWEST DAILY MEAN	1.3	Aug 29	0.00 a	Aug 12	0.00 a	Aug 12 2002
ANNUAL SEVEN-DAY MINIMUM	1.6	Aug 23	0.01	Aug 8	0.01	Aug 8 2002
MAXIMUM PEAK FLOW			510	Aug 27	890	Sep 23 2000
MAXIMUM PEAK STAGE			8.37	Aug 27	10.55	Sep 23 2000
ANNUAL RUNOFF (CFSM)	0.45		0.45		0.50	
ANNUAL RUNOFF (INCHES)	6.11		6.12		6.77	
10 PERCENT EXCEEDS	44		62		56	
50 PERCENT EXCEEDS	15		12		15	
90 PERCENT EXCEEDS	3.0		2.3		3.2	

a Also occurred Aug. 13, 14.

e Estimated



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 mi<sup>2</sup>.

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 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.3	9.2	12	12	32	25	531	53	15	7.0	5.7	25
2	8.2	9.7	11	12	30	110	346	51	13	7.6	5.1	23
3	7.7	11	11	15	28	351	148	37	12	7.0	5.0	19
4	7.2	10	11	19	27	209	95	80	13	6.8	4.1	16
5	6.8	8.5	11	20	26	125	72	94	11	7.4	3.3	14
6	10	8.5	11	58	36	78	59	84	11	6.8	3.8	13
7	15	10	12	72	705	58	50	48	10	6.0	4.2	11
8	9.3	9.9	11	48	403	48	45	34	9.5	5.0	4.1	9.8
9	9.3	12	11	36	246	44	42	28	8.8	5.0	4.2	9.2
10	8.5	11	11	27	111	43	51	24	8.1	e5.0	4.1	9.0
11	9.4	11	51	e24	78	39	58	252	8.5	5.0	3.7	8.9
12	9.8	9.5	27	e22	59	46	61	174	8.8	4.9	3.2	8.2
13	9.2	11	24	27	49	375	81	70	7.9	4.9	3.5	7.7
14	8.3	11	23	23	43	286	63	79	7.4	12	4.2	12
15	12	12	19	21	39	189	55	45	7.3	6.5	e4.1	46
16	8.8	12	16	20	35	94	46	38	6.4	6.2	e14	62
17	8.2	11	16	20	33	74	40	32	5.9	5.6	6.6	54
18	7.5	10	57	19	30	58	37	50	6.3	5.2	5.2	437
19	7.3	10	32	31	29	51	33	47	6.4	5.2	30	121
20	8.0	12	29	190	31	47	31	37	6.4	4.6	18	53
21	7.3	12	24	151	33	86	30	36	6.1	3.8	13	32
22	7.6	11	20	122	29	108	26	29	5.9	3.4	9.3	26
23	7.8	10	17	178	29	107	24	25	6.7	4.0	7.7	21
24	8.1	56	15	167	27	65	22	22	6.5	5.3	6.6	20
25	7.8	30	15	266	26	51	25	19	9.1	74	59	17
26	7.1	33	14	175	26	47	24	17	8.4	11	152	26
27	6.6	24	14	123	25	54	21	16	8.5	7.6	531	88
28	6.6	18	13	67	25	45	20	15	8.0	5.7	132	53
29	6.7	14	13	49	---	48	19	15	7.1	5.1	66	30
30	7.8	13	12	40	---	69	18	14	8.6	5.4	31	23
31	8.7	---	12	36	---	503	---	16	---	5.5	29	---
TOTAL	259.9	430.3	575	2090	2290	3533	2173	1581	257.6	254.5	1172.7	1294.8
MEAN	8.38	14.3	18.5	67.4	81.8	114	72.4	51.0	8.59	8.21	37.8	43.2
MAX	15	56	57	266	705	503	531	252	15	74	531	437
MIN	6.6	8.5	11	12	25	25	18	14	5.9	3.4	3.2	7.7
CFSM	0.07	0.12	0.16	0.59	0.71	0.99	0.63	0.44	0.07	0.07	0.33	0.38
IN.	0.08	0.14	0.19	0.68	0.74	1.14	0.70	0.51	0.08	0.08	0.38	0.42

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 2002, BY WATER YEAR (WY)

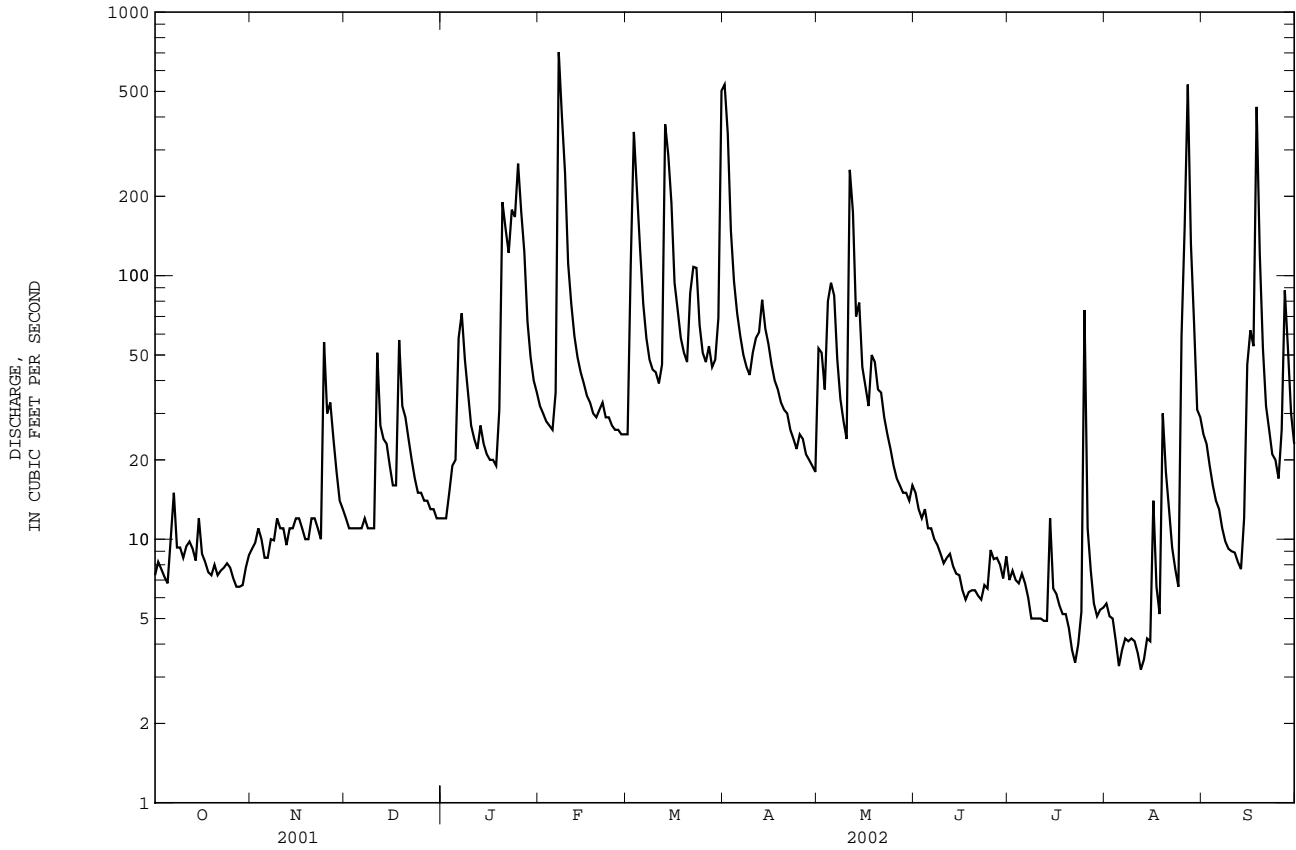
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
MEAN	82.9	83.6	90.1	191	210	212	103	62.3	66.9	35.7	51.7	48.0	
MAX	294	338	300	407	405	480	284	131	284	76.5	190	114	
(WY)	1991	1993	1995	1995	1998	1993	1998	1991	1994	1997	1994	1998	
MIN	8.38	14.3	18.5	36.5	44.0	75.6	48.5	19.5	8.59	8.21	7.80	11.1	
(WY)	2002	2002	2002	2001	2001	1999	2000	2000	2002	2002	2001	2001	

SANTEE RIVER BASIN

02167582 BUSH RIVER NEAR PROSPERITY, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1990 - 2002	
ANNUAL TOTAL	15429.9		15911.8		104	
ANNUAL MEAN	42.3		43.6		178	
HIGHEST ANNUAL MEAN					43.6	
LOWEST ANNUAL MEAN					178	
HIGHEST DAILY MEAN	924	Mar 21	705	Feb 7	4330	Jan 15 1995
LOWEST DAILY MEAN	4.7	Aug 27	3.2	Aug 12	3.2	Aug 12 2002
ANNUAL SEVEN-DAY MINIMUM	5.3	Aug 23	3.9	Aug 7	3.9	Aug 7 2002
MAXIMUM PEAK FLOW			1380		5570	
MAXIMUM PEAK STAGE			8.83		16.06	
ANNUAL RUNOFF (CFSM)	0.37		0.38		0.91	
ANNUAL RUNOFF (INCHES)	4.99		5.15		12.32	
10 PERCENT EXCEEDS	67		87		195	
50 PERCENT EXCEEDS	19		18		44	
90 PERCENT EXCEEDS	7.1		6.0		15	

e Estimated



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 Jan. 6 to Jan. 24, which are poor. Dissolved oxygen records rated excellent except for Nov. 24 to Nov. 28, Dec. 27 to Jan. 10, Apr. 16 to Apr. 30, May 19 to May 25, June 20 to June 28, July 15 to July 18, July 31 to Aug. 2, and Aug. 30 to Sep. 2, which are fair, Jan. 11 to Mar. 20, May 1 to May 3, May 26 to June 4, June 29 to July 8, July 19 to July 26, Aug. 3 to Aug. 11, and Sep. 3 to Sep. 19, which are poor.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 35.5 C, Jun. 26-29, 1998; minimum, 2.0°C, Jan. 23, 24, 27, 28, 2001.

DISSOLVED OXYGEN: Maximum, 15.8 mg/L, Feb. 16, 2001; minimum, 0.0 mg/L, Jul. 8, 9, 23, Aug. 29-31, 1993, Jul. 1-3, 12, 13, 1994.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 31.3 C, Aug. 24; minimum, 5.5°C, Jan. 4.

DISSOLVED OXYGEN: Maximum, 13.8 mg/L, Nov. 27; minimum, 2.6 mg/L, June 7.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	22.8	21.5	22.0	20.0	18.1	18.9	18.3	17.1	17.6	8.3	7.9	8.1
2	22.5	21.0	21.7	20.0	18.8	19.4	18.0	17.0	17.4	8.0	6.8	7.5
3	22.8	21.4	21.8	22.8	19.6	20.8	17.4	16.6	16.9	6.8	6.0	6.4
4	23.0	21.9	22.4	21.3	20.0	20.6	17.1	16.1	16.4	6.2	5.5	5.9
5	22.7	22.2	22.4	20.3	19.5	19.9	17.3	15.8	16.3	7.0	6.0	6.5
6	22.5	22.1	22.3	19.6	17.4	18.5	16.9	15.9	16.4	7.2	6.8	7.0
7	22.6	21.3	21.8	17.8	16.8	17.1	16.7	15.9	16.3	6.8	5.9	6.3
8	21.6	20.7	21.2	17.2	16.4	16.7	16.5	16.0	16.3	---	---	---
9	20.7	20.1	20.3	17.7	15.9	16.6	16.5	15.9	16.2	---	---	---
10	20.3	19.6	20.0	16.9	15.9	16.4	16.0	14.9	15.4	9.5	7.0	8.1
11	20.6	19.8	20.2	17.1	15.6	16.2	14.9	14.2	14.6	10.5	9.5	10.1
12	22.1	20.1	21.3	16.4	15.5	15.9	14.2	13.5	13.8	10.4	8.8	9.2
13	22.2	20.7	21.5	15.8	15.1	15.4	14.0	13.3	13.6	9.5	8.6	9.0
14	22.2	21.2	21.6	15.4	14.8	15.1	14.0	13.2	13.5	8.9	8.2	8.3
15	23.1	21.5	22.2	15.3	14.7	15.0	14.8	13.9	14.3	8.4	7.5	7.9
16	22.1	20.9	21.5	16.1	14.4	15.1	14.6	14.0	14.2	7.5	7.1	7.2
17	21.0	20.3	20.7	16.1	14.7	15.4	14.5	13.8	14.0	7.4	6.8	7.0
18	20.5	19.8	20.2	16.1	15.1	15.6	14.4	13.6	14.0	7.3	6.8	7.0
19	21.1	19.3	20.1	16.6	15.1	15.8	13.9	13.4	13.7	7.3	7.0	7.2
20	22.0	19.6	20.7	15.9	14.8	15.3	13.4	11.4	12.5	---	---	---
21	21.7	20.2	20.9	14.9	14.2	14.6	12.2	11.4	11.9	---	---	---
22	23.2	20.8	21.8	15.6	13.7	14.6	11.6	10.7	11.0	7.6	7.1	7.3
23	24.1	21.5	22.5	14.4	13.7	14.1	11.1	10.5	10.7	7.7	7.3	7.5
24	23.7	22.2	22.9	16.1	14.2	15.1	10.9	10.5	10.7	9.7	7.4	8.5
25	23.2	21.8	22.6	16.2	15.4	15.8	10.6	10.2	10.4	10.5	9.7	10.1
26	21.8	20.4	21.2	17.4	16.0	16.6	10.2	9.7	10.0	10.6	9.8	10.1
27	20.6	19.3	20.1	18.5	16.7	17.4	9.7	9.0	9.3	11.1	9.6	10.1
28	19.9	18.8	19.2	17.7	17.0	17.3	9.0	8.5	8.7	11.0	9.8	10.4
29	20.6	18.1	18.8	18.2	16.9	17.4	8.8	8.4	8.6	11.5	10.1	10.7
30	19.6	17.5	18.4	17.5	17.3	17.4	9.4	8.4	8.7	12.5	10.0	11.2
31	18.8	17.6	18.3	---	---	---	8.6	8.1	8.3	12.8	11.4	11.9
MONTH	24.1	17.5	21.1	22.8	13.7	16.7	18.3	8.1	13.3	---	---	---

## SANTEE RIVER BASIN

02167600 SALUDA RIVER NEAR PROSPERITY, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	13.1	11.8	12.4	10.5	9.9	10.1	18.6	16.8	17.3	---	---	---
2	12.6	12.3	12.5	10.1	9.8	9.9	17.3	16.6	16.8	---	---	---
3	12.4	11.4	11.8	10.6	9.7	10.0	19.4	17.2	18.3	---	---	---
4	11.4	10.6	11.0	9.8	7.9	8.6	19.1	17.8	18.3	---	---	---
5	11.8	10.5	11.3	10.3	7.7	8.7	18.7	17.7	18.1	---	---	---
6	11.1	9.8	10.4	---	---	---	18.8	17.8	18.0	---	---	---
7	9.8	8.3	9.1	---	---	---	18.4	17.5	17.9	21.2	19.8	20.5
8	9.2	8.1	8.5	13.5	9.2	11.3	18.3	17.5	17.8	22.0	20.5	21.1
9	10.0	8.9	9.2	13.7	12.2	13.1	18.2	17.7	17.9	22.0	20.6	21.4
10	11.2	9.6	10.3	13.9	12.8	13.5	19.5	18.0	18.5	22.6	20.6	21.5
11	11.4	10.8	11.1	13.2	12.6	12.9	19.6	18.3	18.9	25.4	21.2	23.7
12	12.4	10.8	11.3	13.2	12.9	13.0	19.7	18.8	19.3	24.9	23.6	24.3
13	11.4	10.8	11.1	13.6	13.2	13.3	19.8	19.3	19.5	25.4	22.8	24.4
14	11.6	10.6	11.0	13.4	12.5	12.8	19.8	19.3	19.6	25.5	23.5	24.8
15	12.2	10.9	11.2	14.0	12.6	13.3	19.8	19.4	19.6	24.8	23.2	24.1
16	12.5	11.0	11.6	17.6	13.6	16.1	20.0	19.5	19.8	24.2	22.7	23.5
17	11.6	11.0	11.2	17.2	15.8	16.4	21.0	19.4	20.3	24.1	23.1	23.6
18	11.9	10.3	11.0	17.1	16.0	16.4	21.9	20.2	20.8	24.9	23.9	24.4
19	11.7	10.1	10.6	17.2	16.1	16.6	22.9	20.5	21.5	24.9	23.7	24.2
20	10.8	9.7	10.4	17.6	16.4	16.9	22.8	20.0	20.8	23.9	22.7	23.3
21	10.9	10.1	10.5	17.4	16.9	17.2	---	---	---	23.5	22.7	23.0
22	12.3	10.5	11.2	17.1	15.7	16.1	---	---	---	23.6	22.4	23.1
23	11.8	10.7	11.2	16.2	15.4	15.7	---	---	---	23.1	21.6	22.4
24	10.7	8.0	9.3	16.8	15.0	15.6	---	---	---	22.6	21.0	21.8
25	9.4	6.2	8.4	16.6	15.4	15.6	---	---	---	22.5	20.7	21.7
26	11.8	8.5	9.3	17.4	15.5	16.7	---	---	---	22.0	21.1	21.6
27	---	---	---	18.6	17.1	17.8	---	---	---	24.2	21.6	23.2
28	11.3	10.3	10.7	18.0	16.7	17.2	---	---	---	25.2	24.0	24.7
29	---	---	---	18.0	16.6	16.9	---	---	---	26.0	24.8	25.3
30	---	---	---	17.9	16.4	17.2	---	---	---	26.4	25.6	25.9
31	---	---	---	18.3	17.0	17.5	---	---	---	26.4	25.1	25.8
MONTH	---	---	---	---	---	---	---	---	---	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	26.0	24.5	25.3	27.6	26.6	27.1	30.6	29.8	30.2	26.9	26.0	26.6
2	25.5	24.0	24.8	27.6	26.7	27.2	30.1	29.2	29.7	26.7	26.2	26.4
3	25.2	23.8	24.5	28.1	27.0	27.6	30.3	29.4	29.8	27.4	25.2	26.2
4	27.7	25.2	26.7	28.8	26.8	27.8	30.4	29.9	30.1	28.4	25.8	27.0
5	28.7	27.2	28.0	28.5	27.1	27.8	30.8	30.1	30.5	28.5	27.0	27.9
6	29.0	27.9	28.3	29.6	27.2	28.5	31.1	29.8	30.4	29.1	28.1	28.8
7	29.1	27.0	28.2	29.6	27.4	28.6	30.7	30.1	30.4	29.0	28.4	28.8
8	28.7	27.7	28.2	29.6	29.0	29.3	30.3	29.5	30.0	28.8	28.2	28.6
9	28.1	26.9	27.6	30.2	29.0	29.6	30.0	28.6	29.4	29.3	28.1	28.6
10	27.8	26.3	27.1	30.3	29.2	29.8	29.6	28.3	29.1	29.0	27.5	28.3
11	27.7	26.5	27.2	30.0	29.1	29.7	29.4	28.4	29.0	28.7	27.0	27.9
12	27.6	26.3	27.0	29.7	28.5	29.1	29.4	28.6	29.0	28.0	27.1	27.5
13	27.5	26.2	26.8	28.7	27.8	28.3	29.4	28.0	28.9	27.3	26.4	27.0
14	27.8	26.1	26.8	29.0	27.9	28.5	29.1	28.3	28.9	27.7	26.8	27.3
15	28.5	27.4	28.0	29.8	28.3	29.0	29.0	28.4	28.8	27.3	26.7	27.0
16	27.9	26.1	27.0	29.1	27.9	28.5	29.6	28.2	28.9	27.9	26.2	27.1
17	27.5	26.3	26.8	29.1	27.9	28.5	29.6	28.6	29.1	27.6	26.4	26.9
18	27.8	25.8	27.1	30.7	28.4	29.3	30.4	28.6	29.3	26.9	26.1	26.5
19	27.5	26.5	27.1	30.2	28.8	29.6	30.3	29.0	29.7	26.1	24.9	25.6
20	27.6	26.7	27.2	29.7	28.7	29.3	29.9	28.4	29.3	26.3	25.4	25.9
21	27.5	26.4	27.0	29.7	28.6	29.3	29.5	28.9	29.2	27.0	25.7	26.1
22	27.0	26.4	26.7	29.6	29.0	29.4	30.4	29.1	29.8	27.0	25.9	26.6
23	27.1	25.9	26.5	29.8	29.0	29.5	31.0	29.7	30.2	28.1	26.9	27.5
24	27.2	26.1	26.7	29.8	28.7	29.1	31.3	30.0	30.7	27.9	26.8	27.4
25	27.2	26.6	26.9	30.0	28.8	29.4	31.0	30.3	30.7	27.0	26.0	26.5
26	27.4	26.9	27.2	29.9	29.1	29.5	30.4	29.5	30.1	26.0	24.3	25.0
27	27.3	26.2	26.8	29.9	28.4	29.2	30.3	29.4	29.8	24.9	24.3	24.6
28	27.8	26.6	27.3	30.2	28.8	29.7	29.4	28.7	29.1	25.8	24.8	25.2
29	27.3	26.5	26.9	30.9	29.4	30.1	29.4	27.7	28.4	25.6	24.9	25.3
30	27.4	25.8	26.8	31.0	30.0	30.5	28.0	27.5	27.8	25.6	24.7	25.2
31	---	---	---	31.0	28.8	30.3	27.5	26.9	27.2	---	---	---
MONTH	29.1	23.8	26.9	31.0	26.6	29.0	31.3	26.9	29.5	29.3	24.3	26.8

SANTEE RIVER BASIN

02167600 SALUDA RIVER NEAR PROSPERITY, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	---	---	---	10.4	6.8	8.3	8.7	7.1	7.7
2	---	---	---	---	---	---	9.9	6.6	8.4	8.7	7.8	8.1
3	10.5	8.1	9.8	---	---	---	9.3	7.0	8.0	8.3	7.5	7.8
4	10.9	9.4	10.0	---	---	---	9.3	6.6	7.9	8.4	7.1	7.7
5	10.2	8.7	9.6	---	---	---	10.4	7.1	8.3	8.0	7.1	7.5
6	9.8	8.1	9.2	---	---	---	10.1	7.6	8.8	8.3	7.2	7.7
7	9.5	7.7	8.4	11.7	8.7	10.0	10.1	8.1	9.1	8.4	6.9	7.6
8	8.9	7.1	8.1	11.7	8.6	10.1	10.2	8.1	9.1	7.3	6.2	6.7
9	10.2	7.1	8.8	11.5	8.9	10.1	9.3	7.6	8.4	8.1	6.4	7.1
10	12.0	8.7	10.3	11.8	8.7	10.4	8.4	6.6	7.3	8.5	7.7	8.2
11	---	---	---	12.6	8.8	10.4	7.9	5.9	6.8	8.6	7.5	8.0
12	---	---	---	10.9	9.7	10.3	7.2	6.3	6.7	8.2	7.5	7.8
13	9.6	7.7	8.5	10.6	8.8	9.6	7.2	5.7	6.3	8.4	7.3	7.8
14	8.9	7.4	8.0	11.0	9.1	10.0	6.4	5.4	5.8	7.7	7.0	7.4
15	10.1	6.9	8.3	11.6	9.4	10.2	5.8	5.2	5.6	8.7	7.0	7.7
16	9.4	7.3	8.2	12.4	9.1	10.6	5.4	4.9	5.2	8.1	7.2	7.7
17	8.6	6.5	7.5	12.3	9.5	10.7	5.8	4.9	5.3	9.3	7.8	8.3
18	8.8	7.0	7.8	11.6	9.4	10.4	6.5	5.2	5.8	9.4	8.2	8.6
19	9.9	7.2	8.3	12.5	9.1	10.5	6.6	5.3	5.8	9.0	8.0	8.5
20	10.6	7.6	9.0	10.9	9.2	10.2	7.0	5.4	6.2	8.5	7.7	8.2
21	10.0	8.2	9.0	10.8	8.9	9.7	7.4	6.1	6.5	8.4	7.7	8.1
22	10.3	7.9	9.0	12.1	8.7	10.2	7.0	6.2	6.5	8.1	7.5	7.7
23	10.4	8.2	9.2	10.3	8.7	9.5	7.2	6.3	6.6	7.9	7.5	7.7
24	10.4	8.5	9.4	10.8	8.3	9.4	7.4	6.6	7.0	8.2	7.7	7.9
25	9.4	8.4	8.9	10.4	8.4	9.1	7.2	6.2	6.7	8.2	7.6	7.8
26	---	---	---	11.9	8.9	10.4	8.1	6.4	7.2	8.0	7.6	7.8
27	---	---	---	13.8	10.1	11.8	8.0	6.8	7.3	8.2	7.5	7.8
28	---	---	---	12.0	10.2	11.2	8.1	6.7	7.4	8.5	7.5	8.0
29	---	---	---	11.8	9.0	10.5	8.6	6.7	7.6	8.9	7.8	8.2
30	---	---	---	9.0	7.3	8.0	8.4	7.1	7.7	9.1	7.8	8.3
31	---	---	---	---	---	---	8.4	7.0	7.6	9.1	8.0	8.3
MONTH	---	---	---	---	---	---	10.4	4.9	7.1	9.4	6.2	7.9
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	8.8	8.1	8.3	9.4	8.1	8.8	7.5	5.5	6.4	6.5	5.7	6.1
2	8.6	7.9	8.2	9.4	8.5	9.0	5.6	4.8	5.1	6.9	5.3	6.2
3	8.7	7.7	8.2	9.8	8.3	9.0	5.7	4.8	5.2	---	---	---
4	9.5	7.2	8.4	9.6	7.7	8.5	5.7	4.8	5.0	---	---	---
5	8.9	7.8	8.3	8.6	7.1	7.7	6.6	4.4	5.1	---	---	---
6	8.7	8.1	8.4	8.5	6.0	7.4	7.2	4.4	5.8	---	---	---
7	9.5	7.8	8.5	8.6	6.1	7.5	6.3	4.7	5.7	6.9	5.5	6.1
8	8.5	7.7	8.0	10.1	7.9	9.2	6.1	5.3	5.7	7.1	6.3	6.7
9	8.3	7.6	7.8	10.1	8.1	9.3	6.5	5.4	5.9	7.6	5.9	6.5
10	8.5	7.8	8.1	9.9	8.5	9.3	7.2	5.8	6.3	7.4	5.5	6.0
11	8.5	7.8	8.1	9.2	8.1	8.7	6.6	5.4	5.9	9.0	5.6	7.5
12	9.1	7.7	8.2	8.7	7.7	8.3	5.8	4.7	5.3	8.4	7.4	8.2
13	8.8	8.0	8.4	9.4	8.0	8.5	5.6	4.8	5.2	9.6	7.4	8.4
14	8.9	7.9	8.3	8.3	7.1	7.6	6.0	5.0	5.5	9.5	6.0	8.2
15	9.4	8.0	8.5	8.0	6.7	7.2	6.7	4.8	5.6	8.8	6.3	7.8
16	10.2	8.5	9.3	9.2	7.0	8.3	7.8	5.4	6.4	9.3	6.1	7.5
17	9.5	8.4	9.0	8.7	7.5	8.1	9.1	5.5	7.5	9.4	6.9	8.5
18	10.2	8.2	9.1	8.5	7.6	8.0	8.8	6.1	7.4	9.4	7.4	8.1
19	10.4	8.3	9.3	9.0	7.6	8.3	8.4	3.7	5.8	8.4	7.1	7.6
20	10.3	9.0	9.6	9.9	7.7	8.4	5.8	3.5	4.5	7.8	6.5	7.1
21	10.2	9.5	9.8	8.7	7.7	8.1	6.8	3.1	4.9	9.0	6.0	7.6
22	10.8	9.2	9.9	8.2	6.9	7.5	6.6	3.5	5.3	9.4	7.2	8.4
23	10.1	9.3	9.7	8.2	7.0	7.4	5.4	3.7	4.5	9.1	7.7	8.6
24	10.4	8.9	9.5	8.9	7.2	7.9	6.0	3.9	4.9	8.7	7.4	8.1
25	10.8	9.0	9.6	9.3	7.7	8.2	8.8	3.9	6.3	8.5	6.3	7.4
26	10.3	9.3	9.8	10.1	7.6	9.1	8.5	6.8	7.7	8.3	6.5	7.0
27	9.4	7.8	8.9	10.7	9.0	9.7	7.7	6.9	7.2	8.8	7.7	8.2
28	10.1	8.0	8.9	9.7	8.4	9.1	7.7	6.8	7.2	8.8	7.7	8.2
29	---	---	---	10.8	8.2	9.2	7.4	6.1	6.8	8.7	7.7	8.2
30	---	---	---	9.9	7.8	8.9	6.4	5.7	6.0	8.8	7.4	8.0
31	---	---	---	9.6	7.5	8.3	---	---	---	8.2	6.6	7.3
MONTH	10.8	7.2	8.8	10.8	6.0	8.4	9.1	3.1	5.9	---	---	---



## SANTEE RIVER BASIN

02167600 SALUDA RIVER NEAR PROSPERITY, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	7.3	5.7	6.6	6.1	3.8	5.1	5.0	3.1	4.1	6.2	5.0	5.4
2	6.4	3.8	5.3	5.7	4.1	5.0	5.3	2.9	4.2	8.6	5.5	6.8
3	6.0	3.7	4.5	5.2	3.6	4.4	6.2	2.8	4.5	10.3	6.0	7.5
4	7.1	5.1	6.1	6.7	3.1	4.4	6.4	4.5	5.7	11.0	7.4	9.3
5	8.2	6.5	7.1	6.8	3.2	5.2	9.5	5.9	7.4	12.1	9.3	10.3
6	7.5	5.2	6.5	7.3	3.3	5.2	9.7	6.0	7.9	11.4	9.4	10.3
7	7.4	2.6	4.8	6.7	3.1	4.7	8.5	6.1	7.5	10.4	8.8	9.7
8	7.4	3.0	6.1	6.2	5.1	5.7	9.0	6.3	7.4	10.1	8.2	9.1
9	6.4	5.6	6.1	6.9	4.9	6.0	8.3	6.0	7.0	10.4	8.3	9.1
10	6.5	5.0	5.7	7.3	4.6	6.0	7.5	6.1	6.7	9.1	6.8	7.8
11	7.3	5.7	6.6	6.5	4.1	5.7	---	---	---	8.1	5.8	6.8
12	7.6	4.6	6.0	5.7	4.0	5.2	---	---	---	7.1	4.6	5.7
13	5.9	3.7	4.7	4.9	4.3	4.7	---	---	---	7.1	5.2	5.7
14	4.4	2.8	3.5	8.5	4.8	6.3	---	---	---	7.2	5.4	6.2
15	7.5	3.5	6.4	9.0	4.8	6.7	---	---	---	6.7	5.5	6.3
16	5.9	2.9	4.4	7.0	3.3	4.9	---	---	---	9.3	4.9	7.0
17	5.0	3.1	3.7	7.1	3.4	4.8	---	---	---	8.2	6.5	7.6
18	5.7	3.3	4.4	8.3	4.3	6.0	---	---	---	7.5	6.5	7.0
19	4.9	3.6	4.0	7.2	4.8	5.9	---	---	---	---	---	---
20	5.1	3.5	4.5	6.8	4.1	5.1	---	---	---	---	---	---
21	4.7	3.3	4.1	6.3	4.1	5.2	---	---	---	---	---	---
22	5.2	3.6	4.5	5.6	4.6	5.3	---	---	---	---	---	---
23	5.5	4.1	4.6	7.0	4.5	5.3	---	---	---	---	---	---
24	5.0	3.7	4.4	7.4	4.4	5.2	9.5	5.4	7.9	---	---	---
25	5.6	3.9	4.9	7.4	4.8	6.0	7.5	5.4	6.3	---	---	---
26	6.7	5.0	5.9	7.6	4.5	6.0	7.4	4.4	5.5	---	---	---
27	6.1	4.1	5.2	6.9	3.0	4.6	6.3	4.2	5.1	---	---	---
28	7.5	4.1	6.4	6.8	3.0	5.6	5.3	3.9	4.6	---	---	---
29	6.3	3.8	5.5	6.7	3.7	5.0	5.6	4.2	4.7	---	---	---
30	6.1	3.7	4.7	6.2	3.6	5.2	5.5	4.6	4.9	---	---	---
31	---	---	---	5.4	3.3	4.4	5.5	4.2	5.1	---	---	---
MONTH	8.2	2.6	5.2	9.0	3.0	5.3	---	---	---	---	---	---

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, MIDDLE, BOTTOM): February 1993 to current year.

DISSOLVED OXYGEN (TOP, MIDDLE, BOTTOM): February 1993 to current year.

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

REMARKS.--Top temperature records rated excellent. Middle temperature records rated excellent. Bottom temperature records rated excellent except for May 21 to June 4, which are good, and Apr. 23 to May 6, which are poor. Top dissolved oxygen records rated good except for Oct. 8 to Oct. 10, Oct. 19 to Oct. 21, Nov. 5, 6, Feb. 23 to Feb. 26, Apr. 24 to May 3, July 4, and Aug. 16, which are fair, and Oct. 11, 12, 22, 23, Feb. 27 to Mar. 10, July 5, 6, July 10 to July 14, and Aug. 17 to Aug. 20, which are poor. Middle dissolved oxygen records rated good except for Oct. 5, 6, 15, 16, and May 27 to June 4, which are fair, and Oct. 1 to Oct. 3, Oct. 7 to Oct. 12, and Oct. 17 to Oct. 23, which are poor. Bottom dissolved oxygen records rated excellent, except for Oct. 1 to Oct. 3, which are good.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE (TOP): Maximum, 34.5°C, Jun. 29, 1998, Aug. 1, 18, 19, 1999; 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, 31.9°C, July 18; minimum, 6.2°C, Jan. 9.

WATER TEMPERATURE (MIDDLE): Maximum, 31.3°C, Aug. 24; minimum, 6.4°C, Jan. 9.

WATER TEMPERATURE (BOTTOM): Maximum, 29.9°C, Aug. 7; minimum, 6.1°C, Jan. 9.

DISSOLVED OXYGEN (TOP): Maximum, 12.2 mg/L, Mar. 9; minimum, 1.6 mg/L, June 7.

DISSOLVED OXYGEN (MIDDLE): Maximum, 16.6 mg/L, Nov. 8; minimum, 0.0 mg/L on several days during June to August.

DISSOLVED OXYGEN (BOTTOM): Maximum, 17.6 mg/L, Mar. 4, 13; minimum, 0.0 mg/L Oct. 23-25, and on many days during April to June.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	23.5	22.4	22.9	18.2	17.0	17.5	18.8	17.3	17.9	9.4	9.0	9.2
2	24.2	22.1	22.9	18.4	17.5	17.9	18.1	17.1	17.5	9.1	7.9	8.5
3	24.2	22.2	23.0	19.3	17.7	18.4	17.3	16.5	16.9	7.9	7.2	7.5
4	24.1	22.2	23.0	19.2	18.5	18.8	17.3	16.2	16.5	7.7	6.7	7.1
5	23.1	22.4	22.7	18.5	17.7	18.1	17.3	16.2	16.7	7.1	6.7	6.8
6	22.6	21.9	22.3	18.3	17.2	17.6	17.6	16.4	16.9	6.8	6.6	6.8
7	22.3	21.5	21.8	18.5	16.7	17.3	17.8	16.3	16.8	6.8	6.3	6.6
8	21.7	21.0	21.3	17.9	16.5	17.0	17.3	16.4	16.8	7.2	6.4	6.7
9	21.3	20.4	20.7	17.4	16.3	16.8	16.9	16.4	16.6	6.9	6.2	6.5
10	21.1	20.2	20.6	17.6	16.1	16.7	16.4	15.3	15.8	7.8	6.5	6.9
11	21.3	20.4	20.8	17.7	16.0	16.7	15.3	14.9	15.0	8.0	7.1	7.6
12	21.1	20.6	20.8	16.9	15.9	16.3	14.9	14.6	14.7	8.0	7.6	7.8
13	21.6	20.9	21.2	16.2	15.4	15.7	15.0	14.6	14.7	9.2	7.5	8.1
14	21.4	21.0	21.2	15.8	15.2	15.5	15.3	14.7	15.0	8.1	7.6	7.7
15	22.6	20.7	21.3	15.5	15.2	15.3	15.6	14.8	15.2	8.7	7.5	7.9
16	21.5	20.4	20.9	16.2	14.9	15.5	15.1	14.6	14.8	8.2	7.7	7.9
17	20.8	19.8	20.3	16.6	15.0	15.7	15.2	14.4	14.7	8.7	7.5	7.9
18	20.3	19.4	19.7	16.5	15.3	15.8	15.3	14.6	14.8	9.1	8.1	8.5
19	21.3	19.1	19.7	17.4	15.3	16.1	14.8	14.4	14.6	8.6	8.3	8.4
20	21.3	19.2	19.9	15.8	15.0	15.4	14.4	13.8	14.1	9.2	8.2	8.5
21	20.6	19.4	20.0	15.6	14.5	14.9	14.1	13.2	13.7	8.9	8.4	8.6
22	22.0	19.8	20.7	16.0	14.2	14.8	13.5	12.8	13.1	9.8	8.5	8.9
23	22.1	20.4	21.2	14.7	14.4	14.6	12.9	12.6	12.8	9.4	8.8	9.0
24	22.9	20.9	21.8	16.0	14.4	15.2	12.7	12.1	12.4	10.3	9.1	9.6
25	22.0	20.6	21.4	16.8	15.4	16.1	12.1	11.7	11.8	10.3	9.7	10.1
26	20.6	19.3	19.8	18.3	16.5	17.1	11.7	10.7	11.3	10.6	9.6	10.0
27	19.3	18.2	18.7	18.4	16.7	17.4	10.8	10.1	10.3	11.1	9.8	10.2
28	18.2	17.6	17.9	18.2	17.0	17.6	10.1	9.7	9.9	12.2	10.6	11.3
29	18.6	17.0	17.5	18.6	17.3	17.8	10.2	9.6	9.8	13.7	11.1	12.0
30	17.8	16.8	17.1	17.9	17.6	17.7	10.6	9.5	9.9	13.9	12.1	12.9
31	18.1	16.9	17.3	---	---	---	9.7	9.3	9.5	15.1	12.9	13.8
MONTH	24.2	16.8	20.7	19.3	14.2	16.6	18.8	9.3	14.2	15.1	6.2	8.7

## SANTEE RIVER BASIN

02167716 LITTLE SALUDA RIVER NEAR PROSPERITY, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	14.8	12.0	13.9	11.2	10.3	10.8	18.8	18.3	18.5	22.5	21.6	22.1
2	13.9	12.3	13.3	---	---	---	19.3	17.9	18.6	23.3	21.8	22.5
3	12.8	12.4	12.5	---	---	---	21.3	18.6	19.9	23.4	22.5	22.9
4	12.7	11.5	12.1	---	---	---	20.6	18.2	18.9	22.8	21.4	22.0
5	11.5	11.0	11.2	10.0	9.5	9.7	19.0	18.4	18.6	21.4	21.0	21.1
6	---	---	---	12.3	9.6	10.4	18.8	18.0	18.4	21.4	21.0	21.1
7	---	---	---	12.1	10.1	10.7	18.6	17.8	18.2	22.9	21.1	21.7
8	---	---	---	13.3	10.3	11.9	18.9	18.1	18.4	22.3	21.1	21.6
9	10.7	9.7	10.2	13.6	12.0	12.8	19.2	18.5	18.8	24.0	20.8	21.9
10	11.6	10.2	10.7	13.5	12.6	13.2	19.9	18.4	18.9	23.2	20.9	21.6
11	11.2	9.9	10.7	---	---	---	20.2	18.7	19.4	23.9	21.0	22.0
12	11.2	9.8	10.5	---	---	---	20.4	19.2	19.8	24.4	21.3	23.6
13	10.5	9.9	10.2	---	---	---	20.2	19.7	19.8	25.2	23.6	24.5
14	11.0	9.7	10.3	13.7	12.7	13.1	22.1	19.7	20.1	24.6	23.3	23.8
15	11.1	9.9	10.3	---	---	---	20.5	19.7	20.1	23.9	23.3	23.6
16	11.8	10.2	11.0	---	---	---	20.3	19.3	19.9	24.4	23.4	23.9
17	11.0	10.2	10.7	17.4	16.3	16.8	21.0	19.3	19.9	25.2	23.4	24.3
18	11.6	10.1	10.6	16.8	15.2	16.2	21.5	19.7	20.2	24.8	23.1	24.0
19	12.0	10.4	11.0	17.1	16.3	16.6	21.6	19.9	20.5	23.1	22.3	22.5
20	---	---	---	17.7	16.6	17.1	21.6	19.7	20.5	22.4	21.9	22.1
21	---	---	---	17.5	16.6	17.0	26.2	20.1	22.7	22.9	21.8	22.2
22	13.0	11.3	12.0	17.3	16.0	16.6	24.6	21.8	23.3	22.4	21.5	21.9
23	12.3	11.1	11.6	17.4	15.7	16.4	23.3	20.4	22.1	21.9	21.4	21.6
24	12.1	11.1	11.5	17.8	15.8	16.6	22.4	21.3	21.8	22.2	21.6	21.8
25	13.3	11.4	12.2	18.5	16.1	17.1	23.8	22.0	22.9	22.2	21.6	21.8
26	12.9	11.6	12.2	18.6	16.7	17.6	23.0	19.8	22.0	22.2	21.5	21.7
27	12.0	11.0	11.4	19.2	17.0	17.6	22.0	21.4	21.8	22.6	21.5	21.9
28	11.5	10.4	11.0	17.8	16.3	16.9	22.3	21.6	21.9	23.9	21.6	23.1
29	---	---	---	18.3	16.6	17.0	23.3	21.9	22.5	26.4	23.4	24.6
30	---	---	---	18.5	17.0	17.9	22.8	21.8	22.2	26.3	24.6	25.6
31	---	---	---	19.2	17.3	18.3	---	---	---	26.2	25.6	25.9
MONTH	---	---	---	---	---	---	26.2	17.8	20.4	26.4	20.8	22.7
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	26.5	25.8	26.1	28.3	27.5	28.0	30.4	29.6	29.9	26.4	26.0	26.2
2	26.2	25.7	25.9	29.0	27.8	28.3	31.1	29.7	30.0	26.6	25.8	26.2
3	26.1	25.6	25.8	29.3	28.0	28.6	31.3	30.0	30.5	27.0	26.2	26.4
4	27.1	25.9	26.3	29.3	27.9	28.5	31.0	30.2	30.6	27.6	26.4	27.0
5	29.0	26.0	27.3	29.6	28.3	28.9	31.1	30.1	30.4	28.0	27.0	27.5
6	29.4	27.9	28.8	30.2	28.6	29.2	31.3	30.2	30.7	29.3	27.8	28.5
7	29.0	26.1	27.8	30.6	29.0	30.1	30.7	29.8	30.2	29.1	28.2	28.6
8	28.9	27.1	27.8	30.4	29.8	30.0	30.4	29.4	29.8	28.6	27.7	28.1
9	27.8	27.2	27.5	31.0	29.8	30.1	30.2	29.2	29.6	29.2	27.6	28.2
10	27.8	27.3	27.5	30.8	29.6	30.4	30.2	29.1	29.6	28.7	27.5	28.1
11	27.8	27.5	27.6	30.1	29.1	29.7	29.9	29.0	29.4	29.1	27.4	28.0
12	28.2	27.5	27.8	29.1	28.3	28.6	30.0	29.0	29.3	28.0	27.0	27.3
13	29.9	27.4	28.2	28.5	27.9	28.1	30.0	28.9	29.2	27.8	26.8	27.2
14	28.9	27.3	28.3	29.3	28.2	28.7	29.2	28.8	29.0	27.5	26.8	27.1
15	29.0	26.8	28.4	29.5	28.5	28.8	29.9	28.7	29.1	26.9	26.6	26.7
16	28.5	27.2	27.7	29.4	28.7	29.0	30.0	28.6	29.1	27.5	26.4	26.9
17	28.0	27.0	27.6	30.0	28.7	29.2	29.7	28.8	29.2	28.0	26.8	27.3
18	28.3	27.6	27.9	31.9	29.3	30.3	31.0	29.0	29.6	27.4	26.5	26.9
19	28.0	27.4	27.7	31.3	29.4	30.8	31.0	29.0	29.8	27.6	26.5	26.8
20	28.2	27.5	27.8	31.7	29.5	30.4	30.0	29.3	29.6	27.6	26.6	27.0
21	27.7	27.2	27.4	30.8	29.7	30.1	30.4	29.5	29.8	27.5	26.8	27.0
22	27.3	26.9	27.0	30.3	29.7	30.0	30.9	29.8	30.2	28.2	26.8	27.2
23	27.7	26.8	27.0	30.2	29.6	29.9	31.3	30.1	30.7	28.2	27.0	27.6
24	28.2	26.9	27.2	29.9	29.4	29.5	31.6	30.4	31.0	27.3	26.5	26.8
25	27.8	27.0	27.2	30.7	29.2	29.8	31.1	29.9	30.4	26.5	25.6	26.0
26	28.0	27.5	27.7	30.1	29.4	29.7	30.7	29.5	29.9	25.9	25.3	25.5
27	29.0	27.4	28.1	30.8	28.8	29.6	30.1	29.0	29.3	25.8	25.3	25.6
28	28.1	27.4	27.8	31.0	29.3	30.1	29.0	28.2	28.6	26.3	25.4	25.8
29	28.1	27.1	27.4	31.5	29.6	30.5	28.2	27.7	27.9	26.0	25.4	25.7
30	28.2	27.3	27.7	31.8	29.8	30.5	27.7	27.0	27.3	25.8	25.1	25.5
31	---	---	---	30.9	29.7	30.3	27.0	26.3	26.7	---	---	---
MONTH	29.9	25.6	27.5	31.9	27.5	29.5	31.6	26.3	29.6	29.3	25.1	27.0

SANTEE RIVER BASIN

02167716 LITTLE SALUDA RIVER NEAR PROSPERITY, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	23.1	22.3	22.6	18.0	16.8	17.2	18.6	17.4	17.8	9.6	9.2	9.4
2	22.5	22.0	22.1	18.1	17.0	17.5	18.1	17.2	17.6	9.3	8.1	8.8
3	22.7	22.0	22.2	18.1	17.5	17.8	17.3	16.6	16.9	8.1	7.5	7.7
4	23.5	22.0	22.4	19.1	17.5	18.5	17.2	16.2	16.5	7.9	7.0	7.4
5	22.8	22.2	22.5	18.5	17.8	18.1	17.2	16.3	16.7	7.4	6.9	7.1
6	22.5	21.9	22.2	18.2	17.3	17.6	17.6	16.5	16.9	7.1	6.9	7.0
7	22.1	21.4	21.7	18.1	16.8	17.3	17.5	16.3	16.8	7.1	6.6	6.9
8	21.6	21.0	21.3	17.6	16.5	17.0	17.3	16.5	16.8	7.4	6.6	6.9
9	21.0	20.3	20.6	17.4	16.4	16.8	17.1	16.5	16.7	7.1	6.4	6.8
10	20.8	20.2	20.4	17.6	16.3	16.7	16.5	15.4	15.9	8.0	6.8	7.2
11	20.9	20.2	20.5	17.0	16.1	16.4	15.4	15.0	15.2	8.2	7.4	7.8
12	21.0	20.4	20.7	16.7	16.0	16.4	15.0	14.7	14.8	8.2	7.9	8.0
13	21.3	20.6	20.9	16.2	15.6	15.8	15.0	14.7	14.8	9.2	7.7	8.3
14	21.4	20.9	21.1	15.8	15.3	15.6	15.3	14.8	15.0	8.3	7.9	8.0
15	21.2	20.6	20.8	15.6	15.2	15.4	15.8	14.9	15.3	8.9	7.8	8.1
16	21.1	20.4	20.7	16.2	15.0	15.6	15.2	14.7	14.9	8.3	7.9	8.1
17	20.8	19.9	20.2	16.4	15.2	15.6	15.2	14.5	14.8	8.8	7.8	8.2
18	19.9	19.4	19.6	16.5	15.4	15.8	15.3	14.7	14.9	9.3	8.3	8.7
19	19.5	19.0	19.2	16.5	15.4	15.8	15.0	14.5	14.7	8.8	8.5	8.7
20	19.6	19.0	19.2	15.8	15.2	15.5	14.5	13.9	14.3	9.2	8.4	8.7
21	20.2	19.2	19.5	15.2	14.7	14.9	14.2	13.4	13.8	9.1	8.6	8.8
22	20.1	19.4	19.7	15.9	14.3	14.8	13.6	12.9	13.2	9.9	8.7	9.1
23	20.8	19.6	20.3	14.8	14.5	14.7	13.1	12.7	12.9	9.5	9.0	9.2
24	22.2	20.1	21.2	15.9	14.5	15.0	12.9	12.3	12.6	10.4	9.2	9.7
25	21.9	20.6	21.3	16.6	15.2	16.0	12.3	11.9	12.0	10.5	9.9	10.2
26	20.6	19.3	19.8	17.9	16.3	16.7	11.9	10.9	11.5	10.7	9.8	10.1
27	19.3	18.3	18.8	18.0	16.6	17.2	11.0	10.3	10.6	11.2	10.0	10.3
28	18.3	17.6	17.9	18.2	17.0	17.6	10.3	9.9	10.1	12.3	10.6	11.4
29	17.6	17.1	17.3	18.7	17.3	17.8	10.4	9.8	10.0	12.9	11.1	12.0
30	17.4	16.8	17.0	17.9	17.6	17.8	10.8	9.8	10.1	14.0	12.1	12.9
31	17.8	16.9	17.2	---	---	---	10.0	9.5	9.7	15.1	12.6	13.6
MONTH	23.5	16.8	20.4	19.1	14.3	16.5	18.6	9.5	14.3	15.1	6.4	8.9
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	14.8	12.1	13.8	11.5	10.5	11.0	18.7	17.9	18.4	22.4	21.6	22.0
2	14.1	12.5	13.4	---	---	---	19.0	17.9	18.3	23.2	21.8	22.4
3	12.9	12.6	12.7	---	---	---	21.3	18.1	19.7	23.1	22.0	22.7
4	12.9	11.7	12.3	---	---	---	20.5	18.1	18.7	22.6	21.3	21.9
5	11.7	11.2	11.4	10.4	9.6	10.0	18.8	18.3	18.5	21.3	20.9	21.1
6	---	---	---	12.3	9.8	10.4	18.6	18.1	18.3	21.1	20.9	21.0
7	---	---	---	11.1	10.1	10.4	18.5	17.8	18.1	21.2	20.6	20.9
8	---	---	---	13.2	9.8	11.5	18.8	18.1	18.3	20.9	20.4	20.6
9	10.6	9.8	10.2	13.7	11.7	12.8	19.2	18.5	18.8	20.7	20.3	20.5
10	11.5	9.7	10.6	13.7	12.7	13.4	19.5	18.2	18.8	20.7	20.3	20.5
11	11.4	10.1	10.8	---	---	---	20.0	18.6	19.3	21.7	20.3	20.8
12	11.3	10.1	10.7	---	---	---	20.4	19.1	19.6	21.9	20.8	21.5
13	10.7	10.1	10.3	---	---	---	20.0	19.6	19.7	25.2	21.4	23.4
14	10.9	9.8	10.4	13.6	12.8	13.2	21.0	19.6	19.9	23.7	21.4	22.3
15	11.1	10.1	10.4	---	---	---	20.2	19.5	19.9	22.6	21.4	22.2
16	12.0	10.4	11.1	---	---	---	20.0	19.2	19.6	23.4	22.2	22.9
17	11.2	10.4	10.9	17.4	15.8	16.5	19.9	19.2	19.6	23.4	22.5	22.8
18	11.1	10.3	10.6	16.5	15.0	15.9	20.9	19.4	19.8	24.2	22.2	22.8
19	12.0	10.4	11.1	17.2	16.3	16.6	20.5	19.4	19.9	22.6	22.0	22.3
20	---	---	---	17.7	16.7	17.2	20.0	19.3	19.7	22.3	21.7	21.9
21	---	---	---	17.5	16.6	17.0	25.9	19.3	21.5	22.1	21.8	21.9
22	13.2	11.5	12.1	17.3	16.0	16.7	24.5	20.1	22.2	22.1	21.4	21.7
23	12.4	11.3	11.8	17.2	15.7	16.4	23.0	19.0	21.0	21.7	21.3	21.5
24	12.2	11.3	11.7	17.7	15.9	16.7	22.1	20.1	21.2	21.6	21.4	21.4
25	13.5	11.5	12.3	18.5	16.3	17.3	23.8	21.5	22.6	21.4	21.2	21.3
26	12.9	11.8	12.4	18.5	16.6	17.7	22.8	19.9	21.7	21.3	21.1	21.2
27	12.4	11.2	11.7	18.0	16.4	17.4	21.9	21.3	21.6	21.4	21.1	21.2
28	11.7	10.5	11.3	17.5	15.7	16.6	22.3	21.5	21.9	21.8	21.2	21.4
29	---	---	---	17.4	16.6	16.8	23.1	21.7	22.4	24.0	21.4	22.1
30	---	---	---	18.4	16.7	17.8	22.7	21.7	22.1	25.3	22.3	23.6
31	---	---	---	19.1	17.3	18.3	---	---	---	25.1	23.0	24.7
MONTH	---	---	---	---	---	---	25.9	17.8	20.0	25.3	20.3	21.9

## SANTEE RIVER BASIN

02167716 LITTLE SALUDA RIVER NEAR PROSPERITY, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	25.4	24.0	24.8	27.4	26.8	27.1	29.1	26.9	28.2	26.5	26.1	26.3
2	24.5	24.0	24.3	28.0	26.9	27.3	29.6	28.6	29.2	26.3	26.0	26.1
3	24.7	23.9	24.3	28.0	27.0	27.3	30.0	29.1	29.5	26.3	26.0	26.1
4	25.4	24.5	24.8	27.6	27.0	27.2	30.3	29.6	29.9	26.6	26.0	26.2
5	25.9	24.7	25.2	27.6	27.3	27.5	30.4	30.0	30.2	26.8	26.1	26.5
6	26.1	24.9	25.5	28.4	27.2	27.7	30.3	30.1	30.2	27.6	26.3	26.8
7	26.4	24.9	25.4	29.4	27.7	28.7	30.6	29.8	30.1	27.8	27.1	27.5
8	27.6	25.3	26.8	29.9	29.2	29.6	30.1	29.4	29.6	28.0	27.5	27.7
9	27.6	27.1	27.3	29.9	29.1	29.7	29.5	29.1	29.3	27.9	27.6	27.7
10	27.4	27.2	27.3	30.6	28.1	29.5	29.3	29.0	29.1	28.0	27.5	27.7
11	27.5	27.1	27.3	30.0	28.3	29.0	29.2	28.8	29.0	27.8	27.4	27.5
12	27.5	26.6	27.2	28.9	28.3	28.5	29.4	28.9	29.0	27.5	27.1	27.2
13	27.3	26.0	26.7	28.3	28.0	28.1	29.1	28.7	28.9	27.4	26.7	27.0
14	27.2	25.3	26.1	28.9	28.1	28.4	29.0	28.8	28.9	27.2	26.8	27.0
15	26.0	24.6	25.2	28.6	28.0	28.3	29.3	28.7	28.9	26.9	26.7	26.8
16	25.4	24.1	24.7	28.4	28.1	28.3	29.2	28.6	28.8	26.8	26.5	26.6
17	26.9	25.0	25.7	28.5	28.1	28.3	29.2	28.7	28.9	26.8	26.5	26.6
18	27.4	25.8	26.7	28.7	28.2	28.4	29.4	28.6	28.9	27.0	26.5	26.7
19	27.6	26.8	27.3	30.5	28.0	28.9	29.0	28.6	28.9	26.8	26.4	26.5
20	27.8	27.1	27.5	29.2	28.2	28.7	29.1	28.6	28.9	26.6	26.4	26.5
21	27.7	27.2	27.4	29.2	28.0	28.7	29.3	28.6	29.0	26.7	26.5	26.6
22	27.3	26.9	27.0	30.0	28.9	29.6	29.7	29.0	29.2	26.8	26.5	26.6
23	27.0	26.8	26.9	30.2	29.3	29.6	30.1	29.0	29.7	27.1	26.6	26.8
24	27.1	26.8	27.0	29.5	29.1	29.3	31.3	29.6	30.4	26.9	26.6	26.7
25	27.2	26.9	27.0	29.6	29.0	29.2	30.8	29.7	30.1	26.6	25.8	26.1
26	27.4	27.0	27.2	29.5	28.3	29.1	30.0	29.5	29.7	25.8	25.2	25.4
27	28.0	27.0	27.2	29.0	28.3	28.7	30.0	29.1	29.4	25.9	25.3	25.6
28	28.1	26.3	27.1	29.0	28.0	28.4	29.1	28.3	28.7	25.8	25.4	25.6
29	27.1	26.3	26.8	29.0	27.9	28.3	28.3	27.8	28.0	25.7	25.4	25.5
30	27.4	26.8	27.1	29.1	27.1	28.1	27.8	27.1	27.4	25.5	25.2	25.3
31	---	---	---	28.6	26.7	27.8	27.1	26.5	26.8	---	---	---
MONTH	28.1	23.9	26.4	30.6	26.7	28.5	31.3	26.5	29.1	28.0	25.2	26.6

02167716 LITTLE SALUDA RIVER NEAR PROSPERITY, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	22.1	21.5	21.8	16.3	15.8	16.0	15.1	14.2	14.7	8.9	8.8	8.9
2	21.8	21.3	21.5	16.6	16.0	16.2	15.8	14.9	15.2	8.8	7.6	8.3
3	21.6	21.2	21.4	16.4	16.0	16.2	16.0	15.0	15.6	7.7	7.1	7.3
4	21.5	21.0	21.2	16.9	16.0	16.3	15.8	15.4	15.5	7.2	6.8	7.0
5	21.1	20.9	21.0	17.2	16.3	16.7	15.5	15.2	15.4	7.0	6.4	6.7
6	21.9	20.8	21.3	17.2	16.3	16.6	15.9	15.3	15.4	6.8	6.6	6.7
7	21.7	21.2	21.4	16.4	16.0	16.2	15.7	15.2	15.4	6.6	6.2	6.5
8	21.4	20.9	21.1	16.1	15.9	16.0	15.8	15.2	15.4	6.6	6.2	6.4
9	21.0	20.2	20.4	16.0	15.7	15.8	15.8	15.2	15.6	6.6	6.1	6.3
10	20.4	19.4	19.9	15.7	15.5	15.6	16.1	15.0	15.5	7.1	6.4	6.7
11	19.7	19.4	19.5	15.7	15.3	15.5	15.0	14.3	14.6	7.8	7.0	7.4
12	19.8	19.5	19.6	15.4	15.0	15.3	14.4	14.3	14.4	7.7	7.3	7.5
13	19.8	19.5	19.6	15.3	14.7	15.0	14.3	14.2	14.3	7.6	7.4	7.5
14	20.8	19.6	20.0	14.9	14.4	14.7	14.6	13.8	14.1	7.6	7.4	7.5
15	20.6	19.9	20.1	14.7	14.3	14.5	14.2	13.4	13.8	8.0	7.4	7.6
16	20.6	19.8	20.1	14.6	14.2	14.4	14.2	13.4	13.9	8.0	7.6	7.7
17	20.0	19.2	19.5	14.3	14.0	14.2	14.4	13.6	14.0	8.0	7.4	7.6
18	19.4	18.8	19.0	14.3	13.9	14.0	14.4	14.1	14.2	8.8	7.9	8.1
19	19.0	18.3	18.6	14.3	13.9	14.0	14.2	13.9	14.1	8.4	8.0	8.2
20	18.7	18.3	18.5	14.2	14.0	14.1	14.2	13.5	13.8	8.5	8.1	8.2
21	18.8	18.4	18.6	14.3	14.0	14.1	13.6	12.8	13.1	8.7	8.2	8.4
22	18.7	18.2	18.5	14.1	13.6	13.8	12.8	12.4	12.6	8.7	8.3	8.5
23	18.5	18.3	18.4	13.6	13.4	13.5	12.5	12.0	12.2	8.8	8.6	8.8
24	19.3	18.2	18.5	13.7	13.2	13.4	12.1	11.2	11.8	9.5	8.5	8.9
25	19.1	18.3	18.8	14.4	13.1	13.4	11.8	11.3	11.5	10.1	9.0	9.6
26	19.4	18.6	19.0	13.9	13.3	13.5	11.4	10.5	11.1	9.8	9.3	9.5
27	18.6	17.8	18.2	14.2	13.6	13.8	10.6	9.9	10.2	9.5	9.4	9.4
28	17.8	17.0	17.3	14.5	13.7	14.0	10.0	9.5	9.7	9.6	9.4	9.5
29	17.1	16.5	16.8	14.8	13.9	14.2	9.7	9.3	9.5	9.9	9.6	9.6
30	16.7	16.0	16.4	15.2	14.1	14.5	9.6	9.2	9.3	10.4	9.7	9.9
31	16.2	15.8	16.0	---	---	---	9.2	8.9	9.0	10.9	10.0	10.3
MONTH	22.1	15.8	19.4	17.2	13.1	14.8	16.1	8.9	13.4	10.9	6.1	8.1
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	12.0	10.2	10.9	11.1	10.1	10.5	16.7	15.1	15.9	20.6	16.9	18.4
2	13.3	11.3	12.5	---	---	---	16.6	15.7	15.9	21.7	18.2	20.0
3	12.5	11.9	12.2	---	---	---	17.1	15.8	16.4	20.2	16.4	17.9
4	12.5	11.4	11.9	---	---	---	16.8	15.5	16.0	18.6	16.2	17.3
5	11.4	10.9	11.0	10.1	9.3	9.7	17.0	16.0	16.3	19.3	17.9	18.5
6	---	---	---	9.6	8.8	9.2	17.3	16.3	16.7	20.5	19.0	19.7
7	---	---	---	9.7	8.7	9.2	17.4	16.7	17.0	20.1	19.1	19.6
8	---	---	---	9.5	9.0	9.3	17.5	17.1	17.3	19.2	18.6	19.0
9	8.7	7.7	8.1	10.4	9.3	9.7	17.9	17.2	17.5	19.9	18.6	19.1
10	8.6	7.8	8.0	11.3	9.3	10.2	17.9	17.1	17.4	19.4	18.8	19.2
11	9.9	8.1	8.8	---	---	---	18.0	17.3	17.6	19.9	18.9	19.4
12	9.1	8.5	8.8	---	---	---	18.4	17.6	18.0	20.1	19.4	19.6
13	9.7	8.8	9.2	---	---	---	18.3	17.9	18.1	21.6	19.5	20.2
14	9.9	8.9	9.4	12.7	11.8	12.3	18.8	17.9	18.2	21.6	19.8	20.3
15	10.2	9.2	9.6	---	---	---	18.9	17.6	18.0	20.3	19.6	20.0
16	10.5	9.4	9.8	---	---	---	18.2	17.4	17.7	20.5	19.8	20.2
17	10.9	9.9	10.5	12.6	11.9	12.3	18.5	17.7	17.9	20.5	19.8	20.2
18	10.5	9.8	10.1	12.8	12.2	12.5	18.1	17.5	17.8	22.2	20.3	21.2
19	10.4	9.9	10.0	14.0	12.7	13.4	18.1	17.5	17.8	21.9	21.1	21.5
20	---	---	---	15.9	13.2	14.4	17.9	17.3	17.6	21.8	21.2	21.4
21	---	---	---	15.1	12.3	13.9	17.7	17.0	17.4	21.5	21.2	21.4
22	11.4	10.6	11.0	15.9	13.7	15.2	17.3	15.9	16.9	21.4	20.8	21.0
23	11.8	10.9	11.4	15.5	14.7	15.2	16.6	14.3	15.3	21.1	20.8	20.9
24	11.6	10.9	11.2	15.4	14.5	15.0	15.8	14.7	15.2	21.0	20.7	20.8
25	11.7	10.9	11.1	15.2	14.2	14.8	18.0	14.8	16.0	20.9	20.5	20.7
26	12.0	10.9	11.5	15.6	14.0	14.7	18.0	16.1	17.0	20.8	20.4	20.6
27	12.1	11.0	11.4	15.3	13.2	14.2	19.4	17.4	18.2	20.9	20.6	20.7
28	11.5	10.3	10.7	14.9	13.2	14.1	21.2	19.0	20.1	21.0	20.6	20.9
29	---	---	---	15.3	13.9	14.7	19.9	16.7	18.1	21.4	20.7	21.0
30	---	---	---	16.5	14.3	15.4	17.4	16.5	16.9	22.9	20.9	21.5
31	---	---	---	17.2	14.8	15.7	---	---	---	22.4	21.2	21.9
MONTH	---	---	---	---	---	---	21.2	14.3	17.2	22.9	16.2	20.1

## SANTEE RIVER BASIN

02167716 LITTLE SALUDA RIVER NEAR PROSPERITY, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	22.6	21.4	21.9	25.9	25.0	25.5	26.6	25.5	26.1	26.1	25.6	25.8
2	22.2	21.3	21.7	26.5	25.3	25.7	27.7	26.6	27.2	25.6	25.3	25.5
3	22.3	21.4	21.8	25.9	25.0	25.5	28.8	27.5	28.2	25.4	25.2	25.4
4	23.0	21.7	22.3	25.8	25.2	25.5	29.2	28.7	29.0	25.5	25.4	25.4
5	23.5	21.7	22.9	25.9	25.3	25.7	29.6	29.0	29.3	25.6	25.3	25.4
6	23.8	22.5	23.1	26.4	25.7	26.0	29.7	28.9	29.4	26.2	25.5	25.7
7	24.7	21.7	22.8	27.7	26.3	26.8	29.9	29.3	29.5	26.6	25.6	26.0
8	25.2	23.4	24.4	28.2	26.7	27.4	29.5	28.8	29.1	27.1	26.4	26.7
9	26.5	25.0	26.1	28.5	26.8	27.7	29.0	28.6	28.8	27.1	26.9	27.0
10	26.5	25.1	26.0	28.5	25.8	27.3	28.8	28.5	28.7	27.2	26.8	27.0
11	25.9	24.1	25.3	27.1	25.8	26.1	28.6	28.4	28.5	27.0	26.6	26.9
12	25.8	23.9	25.2	27.9	26.4	27.2	28.7	28.1	28.3	26.9	26.6	26.7
13	25.5	23.0	24.2	27.8	27.5	27.6	28.3	28.0	28.1	26.8	26.3	26.4
14	24.5	22.1	23.1	27.8	27.3	27.6	28.4	28.0	28.2	26.7	26.3	26.5
15	24.5	21.3	21.9	27.7	27.1	27.4	28.5	28.1	28.2	26.6	26.3	26.5
16	22.1	20.9	21.4	27.5	27.2	27.3	28.6	28.2	28.4	26.5	26.1	26.3
17	24.2	21.1	22.6	27.6	27.1	27.4	28.6	28.2	28.4	26.2	26.0	26.1
18	25.5	23.0	24.1	27.7	27.0	27.2	28.5	28.1	28.3	26.7	26.1	26.3
19	26.3	24.7	25.3	27.9	26.7	27.3	28.5	28.1	28.3	26.4	25.9	26.1
20	26.7	25.9	26.3	27.9	25.4	26.3	28.6	28.0	28.2	26.1	25.8	26.0
21	26.8	26.3	26.6	27.6	25.7	26.6	28.4	28.0	28.2	26.2	25.8	26.0
22	26.7	26.1	26.4	28.3	27.3	27.7	28.6	28.1	28.3	26.1	25.8	26.0
23	26.5	26.0	26.2	29.0	27.4	28.2	28.7	28.0	28.4	26.3	26.0	26.1
24	26.4	26.0	26.3	28.2	27.1	27.6	29.0	28.0	28.5	26.3	26.0	26.1
25	26.4	26.0	26.2	28.7	27.4	28.1	29.4	28.0	28.3	26.1	25.4	25.7
26	26.6	26.0	26.3	28.8	27.0	28.1	29.1	28.0	28.6	25.4	24.7	25.0
27	26.5	25.9	26.2	28.0	26.2	26.9	29.2	28.0	28.8	25.5	24.8	25.1
28	26.1	23.2	25.5	27.5	25.7	26.5	28.8	27.9	28.3	25.3	24.8	25.0
29	25.5	21.7	22.8	26.8	25.5	26.0	27.9	27.3	27.5	25.0	24.9	24.9
30	25.8	22.7	23.9	27.0	25.5	26.1	27.3	26.7	27.0	25.0	24.8	24.8
31	---	---	---	26.5	25.3	25.8	26.7	26.1	26.4	---	---	---
MONTH	26.8	20.9	24.3	29.0	25.0	26.8	29.9	25.5	28.3	27.2	24.7	25.9

02167716 LITTLE SALUDA RIVER NEAR PROSPERITY, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	10.9	7.2	8.9	11.5	8.7	10.0	11.6	7.7	9.5	8.5	7.5	8.0
2	10.8	7.0	9.0	11.2	9.4	10.3	10.7	8.3	9.5	8.2	7.5	7.9
3	11.0	8.3	9.8	12.0	9.6	10.8	9.9	8.0	8.8	8.3	7.8	8.0
4	10.9	8.3	9.8	11.1	10.1	10.5	10.3	7.5	8.8	9.1	8.0	8.5
5	10.1	8.2	9.3	10.6	8.8	9.7	11.3	8.5	9.9	9.2	7.9	8.5
6	8.8	6.5	7.8	11.4	8.6	9.8	11.5	8.8	10.0	8.9	8.3	8.7
7	9.1	5.1	7.3	12.0	8.1	9.8	11.6	8.2	9.6	9.2	8.5	8.9
8	9.4	6.2	7.7	11.5	8.1	9.7	10.7	8.2	9.2	9.7	8.6	9.0
9	10.6	6.6	8.3	10.9	8.1	9.5	9.1	7.5	8.4	9.8	8.6	9.3
10	10.7	7.2	8.9	11.2	8.5	9.7	8.2	6.9	7.2	10.2	9.4	9.7
11	10.8	8.1	9.3	10.4	8.2	9.3	7.8	6.5	7.2	10.2	9.5	9.8
12	10.4	8.3	9.3	10.6	8.9	9.7	7.5	6.4	6.9	10.3	9.3	9.8
13	10.5	9.1	9.7	10.5	7.5	8.9	7.9	6.1	6.8	10.7	9.3	9.9
14	9.6	7.5	8.7	10.2	8.1	9.1	7.8	6.0	6.9	10.3	9.1	9.7
15	11.8	6.1	8.7	9.7	8.1	9.0	8.5	5.9	7.2	10.5	9.1	9.7
16	10.2	6.9	8.5	11.4	8.1	9.5	8.8	6.2	7.3	10.0	9.0	9.5
17	9.5	6.2	7.7	11.7	8.7	10.1	8.3	6.6	7.4	10.3	8.7	9.4
18	9.1	6.0	7.6	12.0	9.5	10.8	8.5	6.7	7.4	10.5	9.3	9.8
19	10.8	6.6	8.5	12.0	9.7	10.9	8.6	6.4	7.1	9.8	8.6	9.3
20	11.5	8.0	9.4	11.6	9.3	10.6	7.5	6.5	7.0	9.7	8.5	9.2
21	11.6	8.0	9.9	10.8	7.7	9.3	9.5	6.8	7.9	9.5	8.5	9.1
22	11.9	8.4	9.9	11.1	7.6	9.4	8.3	6.5	7.3	10.0	8.5	9.2
23	10.1	8.0	9.0	10.3	9.1	9.8	7.9	6.8	7.4	9.8	8.5	9.2
24	10.4	8.2	9.0	---	---	---	8.3	6.8	7.6	9.7	8.9	9.2
25	8.9	7.0	8.0	---	---	---	8.0	7.1	7.4	9.7	8.6	9.1
26	7.3	5.9	6.6	---	---	---	7.9	7.0	7.4	10.2	8.4	9.1
27	7.4	5.8	6.5	---	---	---	8.2	7.4	7.8	10.6	8.6	9.6
28	8.7	6.3	7.4	---	---	---	8.6	7.6	8.0	11.7	9.4	10.6
29	11.0	6.8	8.6	11.8	9.9	10.7	8.8	7.7	8.2	11.4	10.3	10.6
30	10.5	6.7	8.8	10.3	8.6	9.4	9.2	7.6	8.4	11.1	10.0	10.5
31	11.1	8.4	9.6	---	---	---	8.5	7.4	8.0	11.0	9.8	10.3
MONTH	11.9	5.1	8.6	---	---	---	11.6	5.9	8.0	11.7	7.5	9.3
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	10.2	9.2	9.7	10.9	8.1	9.2	9.9	7.3	8.4	7.9	6.2	7.2
2	10.1	8.7	9.4	---	---	---	8.9	6.8	8.0	8.1	5.2	6.6
3	10.1	8.7	9.3	---	---	---	9.7	7.6	8.6	8.2	5.2	6.9
4	9.7	8.8	9.3	---	---	---	9.4	7.3	8.0	7.1	5.5	6.1
5	9.6	8.6	9.0	10.1	8.0	9.0	9.4	6.6	8.0	6.4	5.0	5.5
6	---	---	---	10.6	8.9	9.9	9.8	6.2	8.1	8.6	4.9	6.2
7	---	---	---	11.4	9.5	10.5	9.0	6.6	7.9	10.0	5.0	7.1
8	---	---	---	11.9	9.7	10.8	9.0	7.1	8.1	8.5	4.9	6.5
9	10.0	8.6	9.2	12.2	10.1	11.0	9.2	7.1	8.3	8.7	4.9	6.2
10	10.9	8.6	9.6	11.7	8.4	10.7	9.0	6.4	7.8	7.8	4.2	5.4
11	10.4	8.2	9.5	---	---	---	8.9	6.2	7.7	7.3	2.1	4.8
12	10.9	7.6	9.2	---	---	---	9.0	6.0	7.5	7.9	2.5	6.5
13	10.4	7.3	8.8	---	---	---	8.4	6.3	7.2	7.8	5.6	7.0
14	11.1	7.9	9.4	---	---	---	8.0	6.5	7.2	8.8	5.3	6.7
15	11.0	7.7	9.0	---	---	---	7.5	5.6	6.8	8.8	5.4	7.0
16	10.8	7.5	9.0	---	---	---	7.4	4.5	6.1	8.7	7.0	7.8
17	9.4	7.5	8.1	---	---	---	7.4	4.5	6.0	8.8	4.8	7.3
18	9.1	6.8	7.6	---	---	---	8.4	5.7	6.9	7.2	5.2	6.0
19	9.9	7.8	8.6	---	---	---	8.2	6.1	7.1	6.6	4.7	5.7
20	---	---	---	---	---	---	8.7	5.7	7.4	7.3	4.8	5.6
21	---	---	---	10.0	8.4	9.1	9.1	5.5	7.3	9.3	4.7	7.1
22	9.5	7.9	8.7	10.3	8.1	9.2	8.3	5.6	7.1	8.6	6.0	7.2
23	10.2	7.9	9.1	10.9	8.2	9.4	8.0	5.4	6.7	7.8	5.7	6.7
24	9.6	8.0	8.7	10.9	8.8	9.7	8.4	5.5	6.9	8.7	5.8	7.0
25	10.4	8.7	9.7	10.8	8.9	9.7	9.2	6.6	8.3	8.2	6.0	6.9
26	10.8	8.1	9.3	10.6	8.6	9.4	8.7	5.3	7.5	7.2	3.8	5.4
27	10.8	8.2	9.5	10.9	7.9	8.9	8.3	6.1	7.4	5.8	2.9	4.3
28	10.5	8.3	9.4	10.8	8.2	9.2	7.9	6.0	6.9	7.4	2.9	5.7
29	---	---	---	11.1	8.3	9.6	8.7	5.6	7.2	9.6	5.5	7.6
30	---	---	---	10.5	8.6	9.6	8.8	5.9	7.2	9.7	6.4	8.0
31	---	---	---	10.1	8.1	9.0	---	---	---	8.6	6.8	7.6
MONTH	---	---	---	---	---	---	9.9	4.5	7.5	10.0	2.1	6.5



## SANTEE RIVER BASIN

02167716 LITTLE SALUDA RIVER NEAR PROSPERITY, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	9.0	7.3	8.2	9.2	5.9	7.4	7.2	5.0	6.1	5.8	3.8	4.7
2	8.7	5.9	7.2	10.4	6.5	8.3	8.3	5.5	6.5	7.7	4.2	5.6
3	7.7	5.1	6.5	10.0	6.4	8.3	8.3	6.2	7.2	9.4	5.7	7.3
4	8.8	5.3	6.9	9.8	6.1	8.0	7.9	6.2	7.0	10.5	6.9	8.3
5	10.1	4.9	7.7	10.6	6.8	8.7	7.8	6.0	6.8	10.3	8.3	9.0
6	9.5	7.8	8.5	10.0	7.6	8.7	8.1	6.1	7.2	9.9	7.9	9.0
7	9.0	1.6	6.9	---	---	---	7.4	4.9	6.3	9.3	7.9	8.5
8	8.2	5.8	7.2	---	---	---	7.5	4.9	6.2	8.9	7.0	7.9
9	8.0	6.0	7.0	7.9	6.5	7.2	7.2	4.7	6.1	9.0	6.8	7.8
10	8.7	5.3	7.2	8.3	6.5	7.7	7.7	5.2	6.3	8.7	6.6	7.8
11	9.0	5.6	7.5	7.9	6.5	7.2	7.1	4.7	6.0	8.4	6.3	7.5
12	8.3	6.2	7.2	7.1	5.8	6.4	7.4	4.8	6.0	7.3	5.3	6.4
13	9.6	3.7	6.6	6.6	5.3	6.0	7.6	5.2	6.2	7.5	4.9	6.0
14	8.2	4.7	6.7	6.5	4.9	5.7	6.0	4.8	5.3	7.3	4.4	5.8
15	8.8	3.5	7.2	---	---	---	6.6	4.4	5.3	5.8	4.0	4.8
16	7.5	4.9	6.0	---	---	---	6.7	2.9	4.8	7.9	4.0	5.7
17	7.6	4.4	6.2	---	---	---	5.9	4.0	4.9	8.9	5.1	7.0
18	8.7	4.2	6.4	---	---	---	6.5	4.3	5.4	7.7	3.3	6.3
19	8.5	5.1	6.8	---	---	---	5.5	4.3	4.9	8.3	5.1	6.0
20	8.2	5.7	7.0	---	---	---	5.7	3.9	4.8	8.6	5.4	6.6
21	7.8	5.6	6.7	---	---	---	---	---	---	8.7	5.5	7.0
22	7.0	5.0	6.1	---	---	---	---	---	---	9.6	6.3	7.9
23	8.6	5.2	6.4	---	---	---	---	---	---	9.5	7.5	8.5
24	9.6	3.9	6.8	---	---	---	8.1	6.1	7.1	7.9	4.9	6.6
25	8.3	5.2	6.6	---	---	---	6.6	4.6	5.8	5.9	4.7	5.2
26	9.1	6.3	7.7	---	---	---	7.1	4.2	5.6	7.1	4.5	5.7
27	9.7	5.7	7.8	7.7	4.8	6.2	6.1	3.6	4.5	7.0	4.8	6.0
28	7.8	4.8	6.6	7.9	5.2	6.5	5.0	3.3	4.1	8.3	4.8	6.5
29	8.0	5.2	6.2	7.9	5.2	6.7	5.8	3.2	4.3	8.5	5.7	6.9
30	8.5	5.9	7.0	8.2	5.3	6.4	4.6	3.7	4.1	7.8	5.1	6.4
31	---	---	---	7.3	4.3	6.3	4.7	3.7	4.1	---	---	---
MONTH	10.1	1.6	7.0	---	---	---	---	---	---	10.5	3.3	6.8

02167716 LITTLE SALUDA RIVER NEAR PROSPERITY, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	10.1	6.2	7.7	10.9	7.4	8.8	10.5	7.8	8.9	8.4	7.7	8.0
2	9.2	5.7	7.0	10.0	6.9	8.8	10.5	8.2	9.2	8.1	7.5	7.8
3	11.6	6.6	9.0	9.8	8.1	8.7	9.5	7.8	8.6	8.1	7.7	7.9
4	13.4	9.1	10.6	13.1	5.9	9.3	9.8	7.5	8.2	8.9	7.9	8.3
5	11.6	8.5	10.5	12.0	8.5	10.1	10.0	8.2	9.3	9.0	7.9	8.3
6	10.1	7.4	8.9	11.2	8.4	9.5	11.2	8.5	9.6	8.5	8.1	8.3
7	11.8	6.5	8.5	14.2	8.2	9.9	10.8	7.3	9.3	8.8	8.1	8.5
8	11.8	7.0	8.8	16.6	9.1	11.9	9.8	8.0	8.8	9.2	8.2	8.6
9	11.0	7.6	9.2	16.0	8.9	11.3	8.7	7.0	8.0	9.3	8.3	8.8
10	12.2	7.8	9.6	14.9	10.0	11.2	7.8	6.7	6.9	9.5	8.8	9.0
11	11.5	8.5	9.5	12.7	7.8	9.7	8.0	6.6	7.3	9.4	8.8	9.0
12	11.2	8.6	9.6	10.5	7.9	9.5	7.6	6.6	7.1	9.4	8.5	8.9
13	11.2	7.8	9.9	10.6	7.8	9.1	7.9	6.4	6.9	9.4	8.5	8.9
14	11.1	8.0	9.6	10.1	8.3	9.2	8.2	6.3	7.1	9.0	8.0	8.6
15	10.9	7.0	8.4	11.2	8.3	9.3	9.4	6.5	7.7	9.1	8.1	8.6
16	10.3	7.0	8.6	15.8	9.6	11.7	8.9	6.6	7.7	8.9	8.2	8.5
17	11.4	6.5	8.6	14.7	10.2	11.9	8.5	7.1	7.8	9.4	8.1	8.7
18	9.0	6.6	7.8	15.3	11.0	12.9	9.2	7.3	8.0	9.7	8.6	9.1
19	8.6	6.7	7.5	14.7	11.2	12.8	9.3	7.3	7.8	9.0	8.2	8.6
20	10.3	6.2	7.7	15.7	10.2	12.6	8.2	7.3	7.7	8.9	8.2	8.5
21	11.1	6.0	7.9	15.8	8.7	11.1	10.3	7.3	8.4	8.8	7.0	8.0
22	9.8	6.2	8.1	15.3	9.0	11.2	8.8	7.2	7.8	7.5	6.3	6.9
23	9.9	5.1	8.4	12.5	10.0	11.0	8.2	7.4	7.8	6.3	5.4	5.9
24	10.5	7.4	9.3	13.2	8.9	10.5	8.6	7.1	7.8	8.5	5.4	6.7
25	9.4	7.7	8.6	15.9	9.9	11.9	8.3	7.4	7.7	9.1	8.3	8.6
26	7.9	6.6	7.2	16.3	9.9	11.6	8.0	7.1	7.5	8.4	7.0	7.5
27	8.3	6.2	7.1	15.9	10.1	12.6	8.3	7.5	7.9	7.2	6.2	6.5
28	9.6	6.9	8.1	12.3	10.2	11.2	8.6	7.8	8.1	6.3	5.7	5.9
29	9.2	6.6	7.6	11.0	9.2	10.3	8.8	7.9	8.2	6.0	4.7	5.6
30	9.1	7.1	8.0	10.1	8.5	9.3	9.5	8.0	8.4	8.2	6.0	7.0
31	11.3	7.8	9.3	---	---	---	8.7	7.6	8.1	10.3	7.4	8.9
MONTH	13.4	5.1	8.6	16.6	5.9	10.6	11.2	6.3	8.1	10.3	4.7	8.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	10.3	8.3	9.4	11.2	7.3	9.0	7.8	5.6	6.7	5.2	3.2	4.2
2	8.6	5.3	6.6	---	---	---	6.0	5.2	5.6	4.6	3.3	3.9
3	5.5	4.9	5.0	---	---	---	7.2	4.7	5.6	7.6	3.5	5.2
4	5.3	4.1	4.8	---	---	---	6.1	3.1	4.5	6.7	4.0	5.6
5	4.3	3.9	4.1	---	---	---	6.0	3.5	4.8	6.6	5.2	5.7
6	---	---	---	---	---	---	5.3	3.7	4.7	6.3	4.5	5.4
7	---	---	---	---	---	---	5.5	4.1	4.8	5.9	3.2	4.2
8	---	---	---	---	---	---	5.7	4.0	4.8	4.2	3.0	3.6
9	3.5	2.8	3.1	---	---	---	6.3	4.5	5.3	4.2	1.6	3.5
10	3.3	2.9	3.1	---	---	---	5.2	3.1	4.5	3.8	2.3	3.0
11	4.4	2.7	3.2	---	---	---	5.4	3.0	4.0	3.6	0.3	1.9
12	3.3	2.8	3.0	---	---	---	5.6	3.1	3.9	2.6	0.2	1.1
13	3.2	2.7	2.9	---	---	---	4.8	3.2	4.2	7.9	0.3	4.7
14	3.9	2.8	3.2	---	---	---	5.8	3.9	4.7	5.2	0.9	2.6
15	4.3	3.1	3.5	---	---	---	5.4	3.4	4.5	3.2	0.5	1.7
16	7.4	3.4	4.3	---	---	---	4.0	2.7	3.4	5.8	1.5	3.6
17	5.6	3.9	4.6	---	---	---	3.9	2.7	3.3	4.4	1.9	3.1
18	6.3	4.7	5.2	---	---	---	4.0	2.5	3.3	5.6	0.9	2.6
19	7.7	5.0	6.0	---	---	---	4.4	2.8	3.3	4.6	0.7	3.3
20	---	---	---	---	---	---	3.8	2.5	3.2	4.5	3.3	4.0
21	---	---	---	10.1	8.6	9.3	5.2	2.5	3.3	5.8	3.5	4.3
22	9.3	6.9	7.8	10.6	8.5	9.5	6.2	2.3	3.7	6.6	4.0	5.3
23	10.0	6.8	8.5	11.0	8.2	9.4	3.9	0.4	2.0	5.9	4.2	5.1
24	9.8	7.0	8.3	10.7	8.7	9.5	2.8	0.5	1.5	5.5	3.6	4.5
25	10.8	7.3	8.9	11.1	7.8	9.4	6.2	2.1	4.5	4.5	2.1	3.5
26	11.2	7.4	9.1	10.7	7.8	8.9	5.1	1.6	3.3	2.8	1.6	2.3
27	11.4	8.3	9.7	9.4	7.0	8.2	6.2	3.6	4.9	2.8	1.3	2.0
28	11.5	8.2	9.6	9.4	5.7	7.7	5.7	4.4	5.0	2.6	1.1	1.9
29	---	---	---	10.2	7.4	9.1	5.2	3.6	4.5	4.8	0.9	1.9
30	---	---	---	10.4	8.0	9.2	5.1	3.6	4.4	5.7	0.8	2.9
31	---	---	---	9.6	7.1	8.4	---	---	---	4.9	2.0	3.6
MONTH	---	---	---	---	---	---	7.8	0.4	4.2	7.9	0.2	3.6

## SANTEE RIVER BASIN

02167716 LITTLE SALUDA RIVER NEAR PROSPERITY, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	5.0	2.0	3.8	4.8	1.5	3.3	4.9	0.2	1.8	5.7	3.3	4.5
2	3.0	1.4	2.1	5.4	1.3	3.1	5.2	0.6	3.6	5.9	4.0	4.7
3	2.4	1.0	1.7	5.4	0.6	2.3	5.7	1.5	3.1	7.0	4.5	5.4
4	3.5	0.8	1.8	2.3	0.4	1.3	5.6	2.2	3.9	8.1	3.5	4.8
5	5.1	0.4	1.5	2.4	0.5	1.4	5.8	3.5	4.8	6.7	3.3	5.0
6	2.9	0.2	1.4	4.9	0.0	1.7	5.9	3.1	4.5	8.2	4.0	5.7
7	1.4	0.0	0.5	6.4	0.8	2.9	5.9	2.8	4.5	8.9	5.2	6.5
8	5.8	0.0	3.0	6.8	3.6	5.2	4.5	3.0	3.9	7.6	5.8	6.8
9	5.5	4.2	5.0	6.8	1.9	4.8	4.4	2.9	3.7	8.1	5.3	6.7
10	6.3	4.0	5.0	6.9	0.1	3.1	4.5	2.6	3.8	8.2	5.3	6.7
11	6.2	2.0	4.3	6.1	0.2	2.6	5.0	2.0	3.7	8.1	4.9	6.1
12	4.5	0.4	2.8	5.8	3.0	4.8	5.0	2.1	3.8	6.5	4.5	5.6
13	1.8	0.1	0.8	5.2	4.2	4.5	4.3	1.5	3.1	6.3	4.1	4.9
14	1.7	0.0	0.3	7.2	3.8	5.3	4.1	2.1	3.3	6.3	4.4	5.2
15	0.1	0.0	0.0	6.4	1.9	4.4	5.3	2.6	3.8	5.1	3.3	4.2
16	0.0	0.0	0.0	6.1	1.9	3.2	5.5	1.8	3.1	5.3	2.7	4.0
17	2.9	0.0	0.3	3.7	1.0	2.4	4.2	1.2	2.8	6.2	2.1	3.8
18	3.5	0.0	0.6	4.1	0.7	2.0	4.8	0.9	2.9	7.1	2.1	4.5
19	6.0	0.4	3.6	6.0	0.3	2.8	5.2	0.1	2.9	5.8	2.0	4.2
20	7.9	1.8	4.6	4.8	0.2	2.0	4.3	0.5	2.5	4.9	2.1	3.8
21	6.6	4.6	5.7	2.7	0.0	1.1	3.5	0.3	2.1	5.5	2.0	3.7
22	6.0	5.0	5.4	4.9	1.3	3.6	4.7	0.0	2.1	7.0	2.1	4.3
23	7.3	5.1	5.7	7.5	2.5	4.8	7.4	0.0	3.6	8.6	2.0	4.6
24	6.8	3.9	5.6	5.9	3.3	4.3	7.9	1.0	4.1	7.2	1.2	5.8
25	6.6	3.4	4.9	6.1	2.0	4.2	6.8	0.9	4.1	6.0	4.3	5.2
26	8.7	4.0	5.4	6.9	1.9	4.1	5.4	3.5	4.2	6.9	4.7	5.3
27	10.4	2.6	5.0	6.2	0.4	3.7	5.1	2.8	4.1	7.3	4.9	5.9
28	9.7	2.3	6.9	4.6	0.9	2.2	4.9	3.0	3.8	7.8	4.9	5.7
29	7.5	2.0	4.9	2.8	0.6	1.6	5.3	2.9	3.9	7.9	5.2	6.5
30	8.6	2.9	4.4	2.3	0.4	1.0	4.4	3.4	3.8	7.4	5.1	6.0
31	---	---	---	2.3	0.1	0.9	4.5	3.2	3.9	---	---	---
MONTH	10.4	0.0	3.2	7.5	0.0	3.1	7.9	0.0	3.5	8.9	1.2	5.2

02167716 LITTLE SALUDA RIVER NEAR PROSPERITY, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	14.7	9.4	11.3	9.9	5.7	7.2	1.6	0.2	1.1	11.4	9.3	10.2
2	13.9	7.7	10.1	7.5	3.9	5.8	3.4	0.4	1.2	11.6	9.8	10.8
3	10.4	5.6	7.9	6.6	2.7	4.7	8.4	0.2	3.3	11.7	10.6	11.1
4	8.7	3.5	6.2	9.3	2.4	5.3	8.6	4.3	6.9	12.5	10.8	11.6
5	6.6	2.6	3.9	7.5	1.6	4.6	8.7	4.4	6.5	13.1	10.7	11.9
6	8.2	4.1	6.6	8.9	2.5	6.0	7.5	4.1	6.0	13.6	12.0	12.6
7	16.9	2.8	10.8	8.9	4.2	6.9	6.1	2.3	4.0	13.9	11.1	13.0
8	16.7	9.6	12.7	8.3	5.5	7.0	10.0	1.5	5.3	15.1	11.6	13.1
9	15.8	9.8	13.4	8.7	4.8	6.7	11.2	5.2	8.4	14.6	11.8	13.0
10	16.4	10.4	13.3	8.3	5.7	6.9	10.3	7.8	9.2	14.1	12.3	13.3
11	12.2	8.9	10.4	8.0	4.8	6.8	11.1	9.1	9.7	14.3	12.9	13.6
12	10.0	6.9	8.3	8.1	5.2	6.8	10.1	8.7	9.5	14.0	12.2	13.0
13	8.3	4.8	6.2	9.4	6.4	7.8	10.0	7.7	8.8	14.5	12.9	13.5
14	7.9	2.5	5.5	9.2	7.0	8.0	11.3	6.0	8.4	14.0	12.1	13.2
15	13.1	2.4	6.9	8.3	5.6	7.0	10.1	7.3	8.9	14.3	12.7	13.5
16	15.3	5.6	10.1	9.3	5.2	7.9	12.0	7.7	9.2	14.0	12.2	13.0
17	14.2	7.4	11.0	7.7	4.7	6.1	11.8	8.1	10.0	14.3	12.1	13.2
18	11.3	7.2	9.4	7.1	4.3	5.6	12.3	10.1	10.9	15.1	11.8	13.1
19	10.7	6.9	8.8	7.5	3.0	5.1	11.4	9.1	10.4	13.8	11.5	12.7
20	8.2	5.4	6.8	5.4	2.3	3.8	13.2	10.0	11.4	13.4	11.5	12.9
21	6.3	3.1	4.7	9.8	2.6	7.8	12.4	10.0	10.9	14.0	11.7	13.0
22	4.4	1.9	2.9	9.6	8.3	9.2	12.5	9.9	11.2	13.9	12.0	12.7
23	3.8	0.0	1.5	9.4	6.1	7.6	11.7	9.6	10.6	13.4	11.7	12.7
24	1.6	0.0	0.6	8.0	4.3	6.0	12.7	9.4	11.2	13.5	11.1	12.4
25	6.2	0.0	1.9	8.0	3.8	5.3	12.0	10.4	11.0	15.1	12.8	13.7
26	12.8	4.6	9.1	5.8	2.3	3.8	11.6	9.6	10.6	14.1	12.1	12.8
27	17.5	8.8	12.5	4.3	1.4	3.1	12.0	10.5	11.2	13.5	11.2	12.3
28	17.4	11.3	13.4	3.4	1.1	2.1	11.8	9.9	10.9	13.4	11.4	12.2
29	14.6	10.0	11.6	2.9	0.3	1.5	11.8	10.3	11.0	13.3	10.9	12.3
30	14.2	6.4	9.4	3.0	0.9	1.6	11.4	9.8	10.6	14.7	12.1	13.0
31	10.1	5.3	8.0	---	---	---	11.1	9.8	10.3	15.4	12.1	13.9
MONTH	17.5	0.0	8.2	9.9	0.3	5.8	13.2	0.2	8.7	15.4	9.3	12.7
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	15.1	11.8	14.0	17.2	11.6	13.7	6.0	1.8	3.2	5.5	0.0	1.0
2	15.2	11.4	13.4	---	---	---	5.2	1.1	2.3	6.0	0.0	3.4
3	15.3	10.4	12.4	---	---	---	6.0	1.4	4.0	---	---	---
4	16.2	9.8	13.4	---	---	---	5.6	0.1	2.6	---	---	---
5	14.6	12.4	13.7	16.5	11.4	13.6	4.0	1.1	2.1	---	---	---
6	---	---	---	16.5	12.3	14.2	5.7	1.2	2.9	---	---	---
7	---	---	---	15.0	10.1	12.9	7.4	1.8	4.1	3.8	0.0	1.1
8	---	---	---	15.0	9.9	12.1	6.8	4.0	5.4	2.3	0.0	1.0
9	14.3	11.3	13.3	15.4	8.1	11.6	7.3	4.6	5.8	4.3	0.0	1.4
10	11.7	9.4	10.7	16.4	7.4	11.7	6.8	3.1	4.7	2.1	0.0	0.9
11	15.3	10.5	12.5	---	---	---	5.3	1.6	3.7	1.2	0.0	0.2
12	13.9	10.0	11.5	---	---	---	3.8	2.2	3.0	0.0	0.0	0.0
13	13.1	9.4	11.5	---	---	---	2.9	1.2	2.0	2.8	0.0	0.7
14	16.1	8.8	10.9	16.5	9.5	11.9	4.2	0.9	1.7	2.8	0.0	0.2
15	15.2	8.1	11.1	---	---	---	3.7	0.6	1.6	0.5	0.0	0.0
16	15.3	9.7	11.4	---	---	---	2.7	0.6	1.7	0.0	0.0	0.0
17	15.9	12.0	14.2	13.0	8.2	10.5	3.3	2.0	2.6	0.0	0.0	0.0
18	13.8	10.9	12.5	11.7	4.3	7.6	3.0	1.4	2.0	2.4	0.0	0.3
19	13.2	10.0	11.8	7.1	4.1	5.3	3.4	1.0	1.8	4.6	0.0	1.4
20	---	---	---	8.9	2.2	5.2	2.7	0.8	1.7	7.9	2.3	6.2
21	---	---	---	5.2	1.7	3.6	3.3	0.8	2.3	6.9	2.5	5.3
22	15.9	11.6	12.7	8.4	1.6	5.8	2.8	2.0	2.4	11.7	4.1	7.9
23	17.1	11.2	14.0	8.6	3.4	6.2	2.7	1.6	1.9	11.0	6.3	8.7
24	16.3	12.0	13.8	8.6	4.1	6.1	1.7	0.6	1.4	9.3	2.4	5.4
25	15.4	10.5	12.7	7.0	3.4	5.4	2.2	0.5	1.0	4.5	0.2	1.9
26	16.4	10.1	13.7	7.3	2.4	5.1	0.7	0.0	0.2	1.1	0.0	0.1
27	15.6	13.4	14.3	6.9	2.6	4.2	1.2	0.0	0.1	0.6	0.0	0.2
28	14.5	12.2	13.3	4.6	2.1	3.4	7.1	0.0	3.2	1.2	0.0	0.1
29	---	---	---	4.1	1.4	2.9	4.0	0.5	1.6	0.6	0.0	0.0
30	---	---	---	7.6	1.6	4.6	0.7	0.0	0.3	0.4	0.0	0.0
31	---	---	---	6.9	1.6	4.1	---	---	---	0.0	0.0	0.0
MONTH	---	---	---	---	---	---	7.4	0.0	2.4	---	---	---

## SANTEE RIVER BASIN

02167716 LITTLE SALUDA RIVER NEAR PROSPERITY, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	0.0	0.0	0.0	2.1	0.2	0.7	0.4	0.1	0.1	6.6	5.4	6.1
2	0.0	0.0	0.0	4.2	0.3	0.8	0.7	0.1	0.2	6.6	5.4	6.0
3	0.0	0.0	0.0	2.4	0.2	0.4	2.2	0.1	0.7	6.1	3.9	5.1
4	0.3	0.0	0.1	0.4	0.2	0.3	2.9	0.2	1.4	5.5	3.4	4.7
5	0.4	0.1	0.2	0.4	0.3	0.3	4.8	0.2	2.4	5.3	2.4	3.3
6	0.2	0.1	0.2	0.3	0.2	0.3	4.6	0.4	2.3	7.5	2.7	4.2
7	0.2	0.1	0.1	1.1	0.2	0.4	5.5	0.7	3.3	6.9	1.1	3.4
8	3.3	0.1	0.9	5.7	0.3	3.0	4.7	3.4	4.3	7.7	2.7	5.4
9	8.4	0.3	5.3	8.1	2.9	5.0	5.1	3.1	4.1	8.9	5.4	7.4
10	8.3	1.2	4.8	7.1	0.7	3.7	5.0	2.7	3.8	10.8	6.1	8.6
11	3.5	0.2	1.1	6.1	0.5	3.2	4.1	1.2	3.1	10.3	3.7	6.9
12	4.6	0.2	0.8	5.5	3.5	4.7	4.9	0.4	1.8	9.6	2.7	6.9
13	0.4	0.2	0.3	5.2	4.0	4.5	3.9	0.1	1.3	8.5	3.4	6.1
14	0.4	0.3	0.3	6.7	3.7	5.1	4.4	1.4	3.1	6.3	3.4	4.6
15	0.6	0.3	0.4	6.1	1.9	4.3	5.1	1.4	3.7	5.7	3.8	4.7
16	0.9	0.3	0.5	5.6	1.9	3.2	4.4	1.4	3.4	5.3	3.9	4.5
17	0.5	0.3	0.4	3.6	1.2	2.6	3.7	0.4	2.0	4.1	2.1	3.2
18	0.4	0.3	0.3	4.0	0.7	2.1	3.3	0.1	0.9	5.8	1.3	2.6
19	2.0	0.3	0.6	6.0	0.6	3.0	3.1	0.1	1.4	5.1	1.3	3.0
20	4.3	0.3	2.0	4.4	0.6	2.2	2.6	0.1	0.5	3.4	0.8	2.2
21	8.6	2.2	6.4	2.7	0.2	1.3	0.2	0.1	0.2	3.1	0.3	1.7
22	8.1	6.4	7.4	4.6	1.5	3.4	0.3	0.1	0.1	3.1	0.3	1.2
23	8.3	5.6	7.0	6.8	2.9	4.6	0.7	0.1	0.2	1.9	0.3	1.0
24	6.9	3.7	5.3	5.5	3.2	4.1	1.0	0.1	0.2	5.5	0.5	2.9
25	4.9	2.7	3.5	5.6	2.1	3.9	3.4	0.1	0.4	6.0	4.1	5.1
26	5.7	0.4	2.4	4.9	0.1	1.9	4.1	0.1	1.2	5.6	4.4	4.9
27	4.4	0.2	1.9	1.7	0.1	0.4	7.5	0.4	3.9	5.9	3.5	4.6
28	2.6	0.3	1.1	0.5	0.1	0.2	7.0	3.2	5.9	5.9	3.1	4.7
29	1.9	0.2	0.4	1.0	0.1	0.2	6.7	4.6	5.6	5.1	3.4	4.3
30	5.7	0.3	0.6	0.7	0.1	0.2	6.9	5.7	6.2	5.9	3.7	4.9
31	---	---	---	0.4	0.1	0.2	7.0	5.7	6.2	---	---	---
MONTH	8.6	0.0	1.8	8.1	0.1	2.3	7.5	0.1	2.4	10.8	0.3	4.5

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 mi<sup>2</sup>, 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 ft<sup>3</sup> between gage heights 300.0 ft (limit of drawdown) and 360.0 ft (maximum normal lake level). Dead storage, 15,590,000,000 ft<sup>3</sup>. 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, 357.41 ft, May 19-21, but may have been higher during periods of missing record; minimum gage height, 350.25 ft, Dec. 13, 14.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY OBSERVATION AT 2400 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	354.43	352.04	350.51	350.31	352.38	353.13	355.30	356.46	357.30	356.35	354.58	352.71
2	354.42	352.00	350.51	350.39	352.43	353.30	355.52	356.60	357.25	356.31	354.47	352.66
3	354.34	351.99	350.50	350.40	352.45	353.46	355.65	356.55	357.20	356.22	354.42	352.61
4	354.23	351.99	350.44	350.40	352.49	353.48	355.67	356.63	357.16	356.21	354.37	352.55
5	354.11	351.98	350.41	350.36	352.50	353.48	355.70	356.74	357.14	356.18	354.29	352.47
6	354.02	351.94	350.38	350.43	352.59	353.53	355.69	356.87	357.13	356.13	354.10	352.41
7	353.96	351.89	350.36	350.50	352.87	353.51	355.71	356.96	357.11	356.10	353.97	352.32
8	353.91	351.65	350.35	350.47	353.02	353.49	355.71	356.99	357.09	356.05	353.84	352.27
9	353.80	351.48	350.31	350.48	353.21	353.52	355.76	356.95	357.07	355.99	353.80	352.20
10	353.73	351.46	350.34	350.49	353.34	353.57	355.92	356.95	357.03	355.95	353.76	352.09
11	353.67	351.42	350.29	350.50	353.33	353.56	355.97	357.16	357.01	355.93	353.70	351.97
12	353.50	351.37	350.26	350.57	353.35	353.64	356.04	357.15	356.98	355.88	353.65	351.90
13	353.32	351.34	350.29	350.61	353.36	353.84	356.07	357.26	356.94	355.86	353.57	351.79
14	353.33	351.31	350.31	350.69	353.34	354.03	356.08	357.24	356.96	355.75	353.50	351.80
15	353.06	351.23	350.33	350.67	353.36	354.11	356.14	357.24	356.92	355.72	353.48	351.76
16	352.93	351.10	350.34	350.68	353.37	354.18	356.17	357.24	356.89	355.65	353.48	351.71
17	352.70	351.09	350.43	350.66	353.40	354.23	356.19	357.23	356.68	355.52	353.45	351.74
18	352.63	351.08	350.37	350.69	353.44	354.27	356.21	357.39	356.62	355.39	353.39	352.07
19	352.59	351.10	350.40	350.82	353.34	354.26	356.24	357.41	356.56	355.24	353.32	352.11
20	352.60	351.04	350.40	350.85	353.37	354.31	356.25	357.41	356.51	355.20	353.26	352.14
21	352.59	350.93	350.44	351.02	353.33	354.43	356.24	357.41	356.44	355.16	353.18	352.13
22	352.38	350.84	350.43	351.14	353.33	354.49	356.21	357.40	356.40	355.09	353.11	352.09
23	352.33	350.86	350.47	351.28	353.34	354.54	356.21	357.39	356.45	355.08	353.05	352.02
24	352.35	350.84	350.41	351.44	353.37	354.56	356.21	357.38	356.42	355.04	352.89	351.95
25	352.26	350.85	350.39	351.58	353.34	354.58	356.22	357.35	356.48	354.98	352.84	351.92
26	352.23	350.80	350.51	351.71	353.39	354.60	356.22	357.34	356.49	354.95	352.79	351.88
27	352.22	350.69	350.44	351.82	353.36	354.62	356.21	357.32	356.47	354.91	352.79	351.88
28	352.19	350.58	350.39	351.95	353.25	354.68	356.21	357.31	356.43	354.85	352.86	351.82
29	352.11	350.55	350.37	352.05	---	354.65	356.19	357.30	356.41	354.80	352.82	351.81
30	352.09	350.58	350.37	352.17	---	354.78	356.16	357.33	356.36	354.70	352.79	351.80
31	352.07	---	350.35	352.27	---	355.05	---	357.36	---	354.63	352.72	---
MAX	354.43	352.04	350.51	352.27	353.44	355.05	356.25	357.41	357.30	356.35	354.58	352.71
MIN	352.07	350.55	350.26	350.31	352.38	353.13	355.30	356.46	356.36	354.63	352.72	351.71
(+)	50.92	48.20	47.78	51.31	53.22	56.74	59.07	61.72	59.51	55.92	52.19	50.42
(*)	-1736	-1049	-157	+1318	+790	+1314	+899	+989	-853	-1340	-1393	-683
CAL YR 2001	*	+5.71	MAX 358.12	MIN 349.97								
WTR YR 2002	*	-163	MAX 357.41	MIN 350.26								

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

## 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 Mar. 25 to Apr. 11, and May 7 to June 4, which are good. Temperature (bottom) records rated excellent except for Dec. 16 to Apr. 11, which are poor. Dissolved oxygen (top) records rated good except for Oct. 26, Feb. 14 to Feb. 24, June 26, 27, July 22 to July 28, and Aug. 22, which are fair, and Oct. 27 to Nov. 1, Feb. 25 to Apr. 11, Apr. 29 to May 2, June 28 to July 4, and July 29 to Aug. 5, which are poor. Dissolved oxygen (bottom) records rated good, except Dec. 16 to Apr. 11, 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, 25.0°C on several days during Sep. 1993, Sep. 23, 1996; 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.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE (Top): Maximum, 31.6°C, July 31; minimum, 10.3°C, Mar. 9.

WATER TEMPERATURE (Bottom): Maximum, 24.2°C, Oct. 26; minimum, 10.6°C Apr. 16.

DISSOLVED OXYGEN (Top): Maximum, 12.0 mg/L, Feb. 16; minimum 4.6 mg/L, Dec. 3.

DISSOLVED OXYGEN (Bottom): Maximum, 10.7 mg/L, Dec. 14, 28; minimum, 1.2 mg/L, Oct. 23.

## TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	19.6	18.4	18.7	18.0	17.1	17.5	14.0	13.6	13.8
2	---	---	---	19.3	18.4	18.7	17.7	16.6	17.3	14.0	13.5	13.8
3	23.5	22.6	22.9	20.0	19.0	19.5	17.1	16.4	16.5	13.8	13.2	13.5
4	23.1	22.5	22.8	19.7	18.1	18.5	16.8	16.3	16.5	13.5	12.9	13.2
5	22.9	22.5	22.7	18.4	17.9	18.1	17.6	16.4	16.8	13.2	12.4	12.9
6	22.7	22.3	22.5	18.2	17.7	17.9	17.8	16.5	16.8	12.8	12.3	12.5
7	22.3	21.9	22.1	18.4	17.7	18.0	17.3	16.8	17.0	13.0	12.2	12.6
8	21.9	21.3	21.6	18.7	17.7	18.2	17.4	16.8	17.1	12.6	11.7	12.3
9	21.3	20.9	21.1	18.2	17.6	17.9	17.3	16.2	16.9	12.8	11.8	12.2
10	20.9	20.7	20.8	18.5	17.5	17.8	16.3	16.0	16.2	12.1	11.6	11.9
11	21.4	20.6	20.9	18.2	17.6	17.9	16.3	15.9	16.1	12.0	11.4	11.6
12	21.3	20.8	21.1	17.6	17.2	17.4	16.1	15.7	15.9	11.5	11.2	11.3
13	21.3	21.0	21.1	17.4	17.1	17.2	16.0	15.7	15.9	11.7	11.3	11.4
14	21.2	20.9	21.1	17.2	16.9	17.0	16.1	15.9	16.0	11.6	11.2	11.4
15	21.5	20.7	21.0	17.0	16.8	16.9	16.1	15.8	16.0	11.6	11.3	11.4
16	20.8	20.5	20.6	16.9	16.7	16.8	15.9	15.6	15.8	11.6	11.2	11.4
17	---	---	---	17.4	16.6	16.9	16.0	15.8	15.9	11.6	11.0	11.3
18	---	---	---	16.9	16.6	16.7	16.1	15.8	16.0	11.5	11.1	11.3
19	---	---	---	17.0	16.5	16.7	16.0	15.6	15.7	11.5	10.8	11.0
20	---	---	---	17.0	16.6	16.9	16.0	15.6	15.8	11.3	10.8	11.1
21	---	---	---	16.8	16.4	16.6	16.0	15.6	15.7	11.0	10.7	10.9
22	---	---	---	17.0	16.3	16.5	15.8	15.5	15.6	11.2	10.7	10.9
23	---	---	---	16.4	16.2	16.3	15.6	15.4	15.4	10.8	10.6	10.6
24	22.4	21.6	22.0	17.4	16.3	16.7	15.5	15.2	15.3	11.3	10.6	10.8
25	22.0	21.6	21.8	17.0	16.5	16.8	15.5	15.1	15.2	11.0	10.4	10.7
26	21.6	20.4	20.9	17.6	16.7	17.0	15.4	15.0	15.2	10.9	10.5	10.6
27	20.4	19.2	19.8	18.3	16.8	17.5	15.4	14.6	15.0	11.5	10.6	10.9
28	19.2	18.8	19.0	18.1	17.4	17.8	14.9	14.4	14.7	12.1	10.7	11.3
29	19.1	18.7	18.9	18.2	16.6	17.5	14.6	14.0	14.3	12.8	10.7	11.3
30	19.1	18.5	18.8	17.7	17.3	17.5	14.6	13.9	14.3	13.5	12.1	13.0
31	18.8	18.4	18.6	---	---	---	14.4	13.8	14.1	14.6	11.4	13.3
MONTH	---	---	---	20.0	16.2	17.5	18.0	13.8	15.9	14.6	10.4	11.8

02168500 LAKE MURRAY NEAR COLUMBIA, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	14.1	13.4	13.6	11.4	10.8	11.1	17.0	16.1	16.4	22.1	21.7	21.9
2	13.9	10.9	12.0	11.4	10.7	11.0	18.0	16.0	17.0	22.7	21.7	22.1
3	11.8	11.5	11.6	11.3	10.8	11.0	19.2	17.4	18.3	22.9	22.1	22.4
4	11.7	11.3	11.5	11.4	10.8	11.1	18.8	15.9	16.7	22.5	21.1	21.7
5	11.6	11.3	11.4	11.2	10.8	11.0	17.7	16.2	17.1	21.6	20.8	21.2
6	11.5	11.0	11.3	11.1	10.6	10.8	17.6	16.1	16.9	23.0	21.0	21.9
7	11.3	10.9	11.1	10.9	10.4	10.8	17.0	14.8	16.2	23.1	21.9	22.6
8	11.3	10.7	11.0	10.8	10.4	10.6	16.7	13.5	15.6	23.1	22.5	22.7
9	10.9	10.6	10.7	11.8	10.3	10.7	16.1	13.8	15.1	24.6	22.9	23.6
10	11.2	10.6	10.7	11.6	10.5	10.9	16.9	14.4	16.0	24.9	24.2	24.4
11	11.0	10.6	10.8	11.3	10.8	11.0	16.3	15.8	16.0	24.3	21.4	22.8
12	11.2	10.5	10.7	10.8	10.6	10.7	16.6	15.1	16.0	23.9	22.4	23.2
13	11.1	10.8	10.9	11.5	10.5	10.9	17.4	16.6	16.9	23.9	23.5	23.7
14	11.0	10.6	10.8	12.4	10.8	11.4	19.2	17.4	17.9	23.7	23.1	23.5
15	11.3	10.5	10.7	14.7	11.3	12.9	20.1	18.2	18.6	24.0	23.0	23.4
16	11.5	10.6	11.1	14.7	12.6	13.7	20.6	18.8	19.2	24.4	23.1	23.7
17	11.4	10.8	11.1	14.9	13.0	14.1	22.1	19.8	20.5	24.7	23.6	24.1
18	11.3	10.7	11.0	14.0	12.2	13.0	24.2	21.9	22.7	24.3	22.9	23.7
19	11.4	10.9	11.0	14.1	10.7	11.7	24.3	22.6	23.1	22.9	22.1	22.4
20	11.5	10.9	11.1	13.8	10.6	11.9	25.1	23.8	24.2	22.3	21.7	22.0
21	11.8	10.9	11.3	13.1	11.2	12.2	25.4	24.4	24.9	21.9	21.3	21.6
22	11.9	11.0	11.5	13.7	11.4	12.9	24.9	24.2	24.5	21.4	20.9	21.2
23	11.6	10.6	10.9	14.3	11.6	13.1	24.6	23.4	24.0	22.2	20.7	21.4
24	11.0	10.6	10.8	15.1	13.2	14.0	24.8	23.4	24.0	22.6	21.7	22.1
25	12.2	10.9	11.2	15.3	13.4	14.5	24.4	22.8	23.7	23.8	22.1	22.6
26	12.0	11.1	11.5	15.1	14.4	14.8	23.5	20.9	22.0	23.5	22.7	23.1
27	12.0	11.3	11.6	16.1	14.6	15.2	21.9	21.2	21.6	24.0	22.8	23.3
28	11.6	11.0	11.3	14.9	12.6	14.1	22.0	21.5	21.8	24.3	22.1	23.0
29	---	---	---	16.3	14.1	14.9	22.7	21.8	22.2	22.8	21.1	21.8
30	---	---	---	16.0	15.3	15.7	22.4	22.0	22.1	22.6	21.2	21.6
31	---	---	---	16.6	15.4	16.0	---	---	---	24.9	21.9	23.0
MONTH	14.1	10.5	11.2	16.6	10.3	12.5	25.4	13.5	19.7	24.9	20.7	22.6
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	26.8	24.2	24.8	28.8	27.3	27.9	30.8	30.0	30.4	26.5	26.3	26.4
2	27.1	26.1	26.5	28.7	27.6	28.1	30.3	29.7	30.0	26.3	26.1	26.2
3	27.6	26.1	26.7	29.8	28.0	28.6	29.8	29.3	29.6	28.0	26.0	26.8
4	27.6	24.4	26.1	29.7	28.2	28.9	29.4	29.1	29.3	28.5	26.8	27.6
5	27.3	24.5	25.7	30.3	28.8	29.5	29.4	29.0	29.2	29.0	27.3	27.8
6	27.7	25.6	26.3	30.4	28.5	29.5	29.7	29.1	29.3	27.3	26.4	26.8
7	26.9	24.2	25.8	28.8	27.0	28.2	29.4	28.5	28.9	26.9	26.2	26.5
8	24.4	20.5	21.9	28.6	27.9	28.3	28.6	28.2	28.4	26.4	25.9	26.1
9	25.0	22.6	23.9	29.0	28.2	28.5	28.9	28.0	28.4	26.5	25.8	26.0
10	26.2	24.6	25.3	29.2	28.3	28.7	29.2	28.2	28.6	26.5	25.7	26.0
11	26.6	25.3	25.8	29.0	28.2	28.7	29.2	28.1	28.6	27.4	26.0	26.6
12	27.7	26.0	26.4	28.2	27.5	27.8	29.4	28.1	28.6	27.1	25.9	26.2
13	27.9	26.8	27.4	28.2	27.3	27.6	29.2	28.2	28.6	26.5	25.8	26.1
14	27.7	27.2	27.5	28.8	27.7	28.2	28.9	28.2	28.5	26.5	26.0	26.1
15	27.8	27.0	27.4	29.3	28.4	28.8	29.2	28.0	28.4	26.2	26.0	26.1
16	28.1	27.1	27.5	30.2	29.0	29.5	28.9	27.8	28.4	26.9	25.8	26.2
17	28.3	27.1	27.6	30.8	29.3	30.1	28.7	28.3	28.5	27.4	26.2	26.6
18	27.8	27.0	27.3	31.2	30.1	30.6	29.5	28.2	28.8	26.4	25.9	26.0
19	27.1	26.6	26.8	31.1	30.6	30.8	29.1	28.4	28.8	26.2	25.7	25.9
20	26.6	22.5	24.5	31.3	30.2	30.6	29.8	28.2	29.0	26.4	25.6	25.9
21	25.0	21.8	23.5	30.3	29.6	30.0	30.4	29.4	29.8	27.0	25.8	26.2
22	23.8	21.8	22.7	30.5	29.4	29.9	31.1	29.3	30.0	27.8	26.0	26.6
23	25.4	23.6	24.5	30.1	29.6	29.9	30.6	29.4	29.8	26.4	25.6	26.0
24	25.9	24.8	25.1	30.1	29.4	29.7	30.3	29.3	29.8	25.9	25.4	25.6
25	25.9	25.2	25.5	30.3	29.3	29.7	30.4	29.4	29.8	25.4	25.1	25.3
26	26.3	25.6	25.9	29.8	29.3	29.5	30.4	29.2	29.6	25.5	24.9	25.1
27	27.9	25.8	26.6	30.2	28.9	29.5	29.5	28.7	29.0	25.6	25.0	25.3
28	27.2	26.6	26.9	30.6	29.5	30.0	28.7	28.0	28.3	25.5	25.0	25.2
29	28.0	26.7	27.3	30.8	29.8	30.3	28.0	27.5	27.8	25.5	24.9	25.1
30	28.4	27.3	27.8	31.1	30.1	30.6	27.5	27.0	27.3	25.2	24.8	25.0
31	---	---	---	31.6	30.3	30.8	27.0	26.5	26.8	---	---	---
MONTH	28.4	20.5	25.9	31.6	27.0	29.3	31.1	26.5	28.9	29.0	24.8	26.1



## SANTEE RIVER BASIN

02168500 LAKE MURRAY NEAR COLUMBIA, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	21.7	20.5	21.1	20.2	19.6	20.1	15.8	15.4	15.6
2	---	---	---	21.7	21.3	21.5	20.2	20.0	20.1	15.5	15.1	15.3
3	21.2	20.7	20.9	21.7	21.5	21.6	20.2	19.9	20.0	15.1	14.7	14.9
4	21.3	20.7	20.9	21.9	21.3	21.6	20.3	19.7	20.1	14.7	14.3	14.5
5	21.3	20.7	21.0	21.8	21.2	21.5	20.1	19.7	19.9	14.3	13.8	14.1
6	21.3	20.9	21.1	21.7	20.4	21.2	20.0	19.8	19.9	14.1	13.6	13.8
7	21.2	20.5	20.9	21.7	20.8	21.3	20.1	19.8	19.9	13.7	13.3	13.5
8	21.1	20.5	20.8	21.9	21.3	21.5	20.1	19.9	20.0	13.4	13.1	13.2
9	20.8	20.2	20.6	21.9	21.4	21.6	20.1	19.8	20.0	13.1	12.9	13.0
10	21.1	20.6	20.9	21.7	21.0	21.5	20.0	18.8	19.3	13.0	12.6	12.9
11	21.1	20.8	21.0	21.7	21.4	21.5	19.8	18.7	19.2	13.0	12.6	12.8
12	21.4	20.8	21.0	21.6	21.1	21.4	19.8	19.8	19.8	12.7	12.2	12.4
13	21.3	20.6	20.9	21.4	20.9	21.2	19.9	19.6	19.8	12.4	12.1	12.3
14	21.3	20.7	20.9	21.1	20.8	21.0	20.0	19.8	19.9	12.2	11.9	12.1
15	22.2	20.7	21.3	21.0	20.8	20.9	20.1	19.6	19.8	12.0	11.8	11.9
16	---	---	---	20.9	20.1	20.7	19.8	19.4	19.6	11.9	11.2	11.5
17	---	---	---	20.8	20.6	20.7	19.7	19.4	19.6	11.7	11.3	11.4
18	---	---	---	20.8	20.4	20.7	19.8	19.3	19.6	11.7	11.4	11.5
19	---	---	---	20.8	20.5	20.6	19.5	18.9	19.3	11.4	11.2	11.3
20	---	---	---	20.8	20.6	20.7	19.4	18.9	19.2	11.6	11.2	11.4
21	---	---	---	20.7	19.9	20.5	19.1	18.5	18.9	11.6	11.1	11.3
22	---	---	---	20.6	19.9	20.4	18.9	18.4	18.7	11.6	11.2	11.4
23	21.1	14.4	19.0	20.4	20.3	20.4	18.6	18.3	18.4	11.3	11.2	11.2
24	21.2	16.1	20.1	20.4	19.9	20.2	18.4	18.0	18.2	11.9	11.2	11.5
25	23.0	16.0	21.0	20.3	19.9	20.1	18.1	17.9	18.0	11.7	11.0	11.3
26	24.2	20.9	23.5	20.2	19.8	20.1	17.9	17.5	17.7	11.4	10.9	11.2
27	23.8	22.7	23.2	20.3	20.0	20.1	17.6	16.9	17.2	11.4	11.2	11.3
28	23.0	22.2	22.6	20.3	20.1	20.2	17.0	16.6	16.8	11.5	11.0	11.2
29	22.8	21.7	22.2	20.2	20.0	20.1	16.7	16.4	16.5	11.2	10.9	11.1
30	22.0	21.3	21.6	20.2	20.0	20.1	16.5	16.1	16.3	11.2	10.9	11.0
31	21.8	20.6	21.4	---	---	---	16.2	15.8	15.9	11.1	10.8	10.9
MONTH	---	---	---	21.9	19.8	20.9	20.3	15.8	19.0	15.8	10.8	12.3
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	11.6	10.9	11.2	11.6	11.4	11.5	12.2	11.2	11.7	12.7	12.0	12.3
2	11.7	10.9	11.3	11.4	11.2	11.3	11.5	11.2	11.3	12.7	12.2	12.4
3	11.7	10.8	11.3	11.8	11.3	11.4	11.8	11.2	11.5	12.8	12.0	12.4
4	12.4	11.6	12.1	11.7	11.3	11.5	11.9	11.5	11.7	12.7	12.2	12.4
5	12.2	11.7	11.9	11.3	11.0	11.2	11.9	11.3	11.6	13.0	12.3	12.6
6	11.8	11.3	11.6	11.2	11.0	11.1	12.0	11.6	11.8	12.6	12.2	12.4
7	11.8	11.3	11.5	11.1	11.0	11.1	11.8	11.4	11.6	13.0	12.2	12.6
8	11.7	11.3	11.5	11.1	10.8	11.0	11.8	11.5	11.7	---	---	---
9	11.6	11.1	11.3	11.0	10.9	11.0	12.1	11.6	11.8	---	---	---
10	11.5	11.1	11.3	11.2	10.9	11.1	12.5	11.5	12.0	12.8	12.0	12.5
11	11.7	11.3	11.6	11.4	11.1	11.2	12.1	11.5	11.8	13.1	12.6	12.9
12	11.5	11.1	11.3	11.2	10.9	11.1	11.9	11.5	11.7	13.4	13.0	13.1
13	11.6	11.2	11.4	11.2	11.0	11.0	12.2	11.6	11.9	13.8	13.0	13.3
14	11.4	11.0	11.2	11.1	10.9	11.0	12.0	11.7	11.9	13.9	12.9	13.4
15	11.4	11.1	11.3	11.2	11.0	11.1	12.0	11.4	11.8	13.3	13.0	13.1
16	11.9	11.3	11.5	11.2	11.0	11.1	12.1	10.6	11.5	13.6	13.2	13.4
17	11.9	11.4	11.7	11.2	11.1	11.2	11.8	11.4	11.7	13.7	13.2	13.4
18	11.6	11.3	11.4	11.3	11.0	11.1	11.9	11.2	11.6	13.7	13.1	13.3
19	11.6	11.2	11.4	11.2	11.0	11.1	11.9	11.3	11.6	13.6	13.2	13.4
20	12.0	11.4	11.6	11.2	10.9	11.1	11.8	11.6	11.7	13.8	13.4	13.5
21	11.9	11.5	11.7	11.4	11.1	11.2	12.0	11.6	11.8	13.8	13.4	13.6
22	11.7	11.4	11.5	11.6	11.0	11.3	12.2	11.7	11.9	13.6	13.2	13.4
23	11.6	11.4	11.5	11.4	11.2	11.3	12.1	11.1	11.7	13.6	13.3	13.5
24	11.6	11.4	11.5	11.6	11.0	11.2	12.0	11.7	11.9	13.9	13.5	13.6
25	11.6	11.2	11.5	11.6	11.1	11.2	12.6	11.6	12.0	13.8	13.3	13.5
26	12.3	11.5	12.0	11.6	11.2	11.4	12.1	11.7	11.9	13.9	13.1	13.4
27	12.4	11.8	12.0	12.5	11.3	11.8	12.4	12.0	12.1	13.3	12.9	13.2
28	11.9	11.5	11.6	11.6	11.1	11.3	12.7	12.0	12.3	13.7	13.1	13.5
29	---	---	---	11.5	11.1	11.3	12.7	12.1	12.4	13.8	13.3	13.5
30	---	---	---	11.5	11.2	11.4	12.4	11.9	12.0	13.6	13.3	13.5
31	---	---	---	11.8	11.4	11.6	---	---	---	14.0	13.5	13.7
MONTH	12.4	10.8	11.5	12.5	10.8	11.2	12.7	10.6	11.8	---	---	---

02168500 LAKE MURRAY NEAR COLUMBIA, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	14.0	13.5	13.7	14.6	14.1	14.4	15.8	15.1	15.5	16.6	16.4	16.5
2	13.9	13.4	13.7	14.6	14.1	14.3	15.8	15.2	15.6	16.6	16.3	16.5
3	13.9	13.5	13.7	14.5	14.0	14.3	15.6	15.2	15.5	16.6	16.4	16.5
4	14.2	13.5	13.8	14.6	14.3	14.4	16.0	15.3	15.6	16.8	16.5	16.6
5	14.1	13.5	13.8	14.7	14.2	14.5	16.1	14.4	15.4	16.8	16.3	16.6
6	14.1	13.4	13.8	14.6	14.2	14.4	15.9	15.3	15.5	17.0	16.3	16.6
7	14.1	13.5	13.7	14.7	14.3	14.5	16.1	15.4	15.7	17.0	16.5	16.7
8	14.0	13.5	13.7	14.9	14.4	14.7	15.9	15.1	15.6	16.9	16.4	16.7
9	14.2	13.7	13.9	15.0	14.5	14.8	16.0	14.8	15.6	17.2	16.6	16.8
10	14.1	13.5	13.8	15.2	14.3	14.8	15.8	15.4	15.6	17.4	16.7	16.9
11	14.0	13.4	13.7	15.1	14.4	14.9	16.0	15.2	15.7	17.3	16.7	16.9
12	14.2	13.6	13.9	15.4	14.6	15.0	16.3	15.1	15.8	16.9	16.5	16.7
13	14.4	13.7	14.0	15.1	14.4	14.9	16.1	15.6	15.8	17.2	16.7	16.9
14	14.2	13.6	13.9	15.3	14.6	15.0	16.0	15.4	15.8	17.2	16.7	17.0
15	14.3	13.6	13.9	15.2	14.7	15.0	16.4	15.7	16.0	17.2	16.6	16.9
16	14.1	13.7	13.9	15.2	14.4	14.9	16.2	15.8	16.0	17.6	16.8	17.2
17	14.1	13.4	13.9	15.3	14.7	15.0	16.2	15.7	16.0	17.5	16.8	17.1
18	13.9	13.8	13.8	15.3	14.5	14.9	16.2	15.8	16.0	17.1	16.8	17.0
19	14.3	13.8	14.0	15.6	14.7	15.1	16.5	15.9	16.2	17.4	16.8	17.1
20	14.4	13.9	14.1	15.2	14.8	15.0	16.5	15.7	16.1	17.2	16.9	17.0
21	14.4	13.9	14.1	15.5	15.0	15.3	16.3	16.0	16.2	17.3	16.9	17.1
22	14.3	13.8	14.1	15.4	15.0	15.2	16.4	15.7	16.1	17.4	17.0	17.1
23	14.5	14.0	14.3	15.4	15.0	15.2	16.8	15.3	16.0	17.3	17.0	17.1
24	14.4	14.0	14.2	15.4	15.0	15.2	16.4	15.5	16.1	17.2	16.9	17.1
25	14.4	13.9	14.2	15.6	15.0	15.3	16.6	16.0	16.3	17.2	17.0	17.1
26	14.5	14.0	14.2	15.7	15.3	15.4	16.6	16.1	16.3	17.3	17.0	17.1
27	14.6	14.1	14.3	15.5	14.3	15.1	16.7	16.1	16.4	17.9	17.1	17.3
28	14.6	14.2	14.4	15.7	14.3	15.2	16.6	16.3	16.4	18.3	17.1	17.6
29	14.4	14.1	14.3	15.8	15.2	15.4	16.6	16.4	16.5	17.5	17.1	17.2
30	14.5	14.2	14.4	15.9	15.0	15.4	16.6	16.3	16.5	17.5	17.2	17.3
31	---	---	---	15.6	15.2	15.4	16.6	16.2	16.5	---	---	---
MONTH	14.6	13.4	14.0	15.9	14.0	14.9	16.8	14.4	15.9	18.3	16.3	16.9

## SANTEE RIVER BASIN

02168500 LAKE MURRAY NEAR COLUMBIA, SC--Continued

## OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	8.3	7.6	8.0	8.2	5.8	7.2	8.7	8.6	8.7
2	---	---	---	---	---	---	8.3	5.1	7.4	8.8	8.7	8.8
3	8.5	7.9	8.2	---	---	---	7.3	4.6	5.5	8.9	8.7	8.8
4	8.4	8.0	8.2	---	---	---	6.9	5.8	6.1	9.1	8.7	8.9
5	8.4	8.1	8.2	---	---	---	8.1	5.7	6.7	9.0	8.8	8.9
6	8.4	7.9	8.1	---	---	---	8.5	5.8	7.0	9.3	8.9	9.1
7	8.3	7.6	7.9	8.9	8.1	8.5	8.5	6.6	7.9	9.3	9.2	9.3
8	8.0	7.6	7.8	9.2	8.7	8.9	8.9	7.4	8.5	9.3	9.1	9.2
9	8.1	7.5	7.7	9.3	8.3	9.0	8.6	5.5	7.7	9.4	9.1	9.3
10	8.0	7.5	7.8	9.0	8.2	8.6	6.0	5.3	5.5	9.5	9.3	9.4
11	8.3	7.6	7.9	9.4	8.8	9.1	6.1	5.7	5.9	9.5	9.2	9.4
12	8.3	7.8	8.0	9.1	8.3	8.6	6.2	5.8	6.1	9.6	9.3	9.4
13	8.5	7.6	8.2	8.4	7.5	8.1	7.2	6.2	6.7	9.6	9.4	9.5
14	8.7	7.8	8.2	8.2	7.4	7.8	7.6	6.4	7.3	9.5	9.4	9.5
15	8.8	7.9	8.3	8.7	7.8	8.2	7.7	7.1	7.4	9.6	9.5	9.5
16	8.8	7.7	8.3	8.6	8.0	8.3	7.2	5.6	6.4	9.6	9.4	9.5
17	---	---	---	9.0	7.9	8.4	6.2	5.6	5.8	9.6	9.5	9.6
18	---	---	---	8.5	7.8	8.2	7.2	6.2	6.8	9.6	9.5	9.6
19	---	---	---	---	---	---	7.7	6.6	7.2	9.7	9.5	9.6
20	---	---	---	---	---	---	7.7	6.9	7.4	9.7	9.6	9.6
21	---	---	---	---	---	---	7.7	7.6	7.6	9.7	9.5	9.5
22	---	---	---	---	---	---	7.7	7.6	7.6	9.6	9.4	9.5
23	---	---	---	---	---	---	7.8	7.6	7.7	9.5	9.4	9.4
24	9.4	8.4	8.9	---	---	---	8.0	7.7	7.8	9.7	9.4	9.5
25	9.2	8.7	8.9	---	---	---	8.0	7.9	7.9	9.9	9.3	9.5
26	8.9	8.3	8.6	---	---	---	8.1	7.9	8.0	9.7	9.2	9.4
27	8.6	7.5	8.2	---	---	---	8.4	8.1	8.3	10.0	9.2	9.6
28	8.5	7.4	7.9	---	---	---	8.5	8.3	8.4	10.4	9.1	9.8
29	8.6	7.9	8.3	8.2	5.1	7.5	8.6	8.4	8.5	10.4	9.2	9.9
30	9.0	8.1	8.5	8.2	6.9	7.8	8.5	8.5	8.5	10.5	9.8	10.3
31	8.3	7.8	8.0	---	---	---	8.6	8.5	8.5	10.8	10.3	10.4
MONTH	---	---	---	---	---	---	8.9	4.6	7.3	10.8	8.6	9.4
DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	10.6	10.2	10.4	11.3	11.1	11.2	10.3	9.6	9.9	7.4	7.0	7.2
2	10.2	9.2	9.9	11.3	10.9	11.2	10.2	9.6	10.0	7.4	7.1	7.2
3	10.1	9.8	10.0	11.2	10.8	11.1	10.1	9.4	9.8	---	---	---
4	10.0	9.2	9.7	11.3	11.0	11.1	10.0	9.5	9.8	---	---	---
5	9.6	9.4	9.5	11.4	11.0	11.2	10.1	9.3	9.6	---	---	---
6	9.5	9.2	9.4	11.5	11.0	11.2	10.0	9.4	9.7	---	---	---
7	9.7	9.2	9.5	11.4	11.0	11.3	9.9	9.2	9.6	---	---	---
8	10.1	9.5	9.8	11.3	11.0	11.2	9.9	9.2	9.6	8.8	8.3	8.6
9	10.1	9.2	9.7	11.6	10.9	11.2	9.8	9.1	9.5	8.7	8.4	8.6
10	10.2	9.7	9.9	11.4	10.9	11.2	9.7	8.9	9.4	8.7	8.2	8.4
11	10.4	9.7	10.1	11.6	11.0	11.2	9.8	9.2	9.5	8.4	8.1	8.2
12	10.3	9.4	9.8	11.1	10.8	11.0	9.5	9.0	9.3	8.7	7.9	8.4
13	10.1	9.5	9.8	11.3	10.6	10.9	9.5	9.0	9.3	8.5	8.1	8.3
14	11.1	9.2	10.1	11.5	10.8	11.1	9.7	8.6	9.3	8.4	8.0	8.2
15	11.3	10.2	10.7	11.8	11.0	11.4	9.6	8.9	9.2	8.4	7.8	8.1
16	12.0	10.9	11.4	11.7	11.1	11.5	10.1	8.6	9.2	8.5	8.0	8.4
17	11.6	10.3	11.2	11.9	11.1	11.5	9.3	8.5	8.9	8.5	8.3	8.4
18	11.1	10.4	10.7	11.7	11.0	11.4	9.0	8.4	8.7	8.3	7.7	8.1
19	11.2	10.5	10.8	11.5	10.4	10.7	8.8	8.1	8.5	8.3	7.8	8.0
20	11.2	10.6	10.8	11.3	10.3	10.6	8.5	7.8	8.2	8.4	7.7	8.1
21	11.7	10.6	11.1	11.0	10.4	10.7	8.1	7.7	7.9	8.5	7.9	8.2
22	11.8	10.6	11.3	11.1	10.2	10.8	7.9	7.4	7.7	8.5	7.8	8.2
23	11.4	10.4	10.9	11.0	10.2	10.7	7.7	7.1	7.4	8.5	7.9	8.3
24	11.1	10.5	10.8	11.0	10.5	10.8	7.7	6.8	7.4	8.8	8.0	8.5
25	11.4	10.6	10.9	10.9	10.4	10.7	7.7	7.2	7.5	9.0	8.3	8.7
26	11.6	10.6	11.1	10.8	10.4	10.6	7.8	7.2	7.5	8.9	8.3	8.7
27	11.4	10.9	11.2	10.6	10.1	10.3	7.8	7.3	7.5	9.0	8.2	8.7
28	11.4	11.1	11.2	10.7	10.1	10.4	8.0	7.2	7.6	9.0	8.2	8.7
29	---	---	---	10.8	10.1	10.5	7.8	7.3	7.6	8.9	8.1	8.6
30	---	---	---	10.4	10.0	10.2	7.7	7.3	7.5	8.7	8.0	8.4
31	---	---	---	10.4	9.8	10.1	---	---	---	8.8	8.4	8.6
MONTH	12.0	9.2	10.4	11.9	9.8	10.9	10.3	6.8	8.8	---	---	---



## SANTEE RIVER BASIN

02168500 LAKE MURRAY NEAR COLUMBIA, SC--Continued

## OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	4.9	3.0	3.7	9.2	7.5	8.7	10.4	10.1	10.3			
2	---	---	---	5.0	3.5	4.4	9.2	7.9	8.5	10.4	10.2	10.3			
3	3.6	2.6	3.0	5.6	3.5	4.8	9.3	7.8	8.5	10.3	10.1	10.2			
4	3.4	2.3	2.8	6.5	4.3	5.6	9.5	8.2	9.1	10.2	10.0	10.1			
5	3.2	2.2	2.7	6.7	2.8	4.8	8.5	6.9	7.4	10.1	9.9	10.0			
6	2.9	2.5	2.7	7.8	2.8	5.2	8.2	7.7	7.9	10.2	9.8	10.0			
7	2.5	2.0	2.2	8.7	6.0	7.4	8.5	7.2	7.9	10.2	10.0	10.1			
8	2.6	2.0	2.3	9.6	5.2	7.0	8.2	7.2	7.7	10.2	9.9	10.0			
9	2.9	1.9	2.4	9.4	6.4	8.1	8.9	7.8	8.3	10.1	9.8	10.0			
10	2.6	2.0	2.4	9.1	6.4	8.3	8.8	7.7	8.2	10.1	9.9	10.0			
11	2.6	2.0	2.4	9.0	8.2	8.7	9.2	8.6	8.8	10.0	9.6	9.8			
12	2.7	2.1	2.5	8.9	3.9	7.8	9.2	8.9	9.1	9.7	9.5	9.6			
13	2.8	2.1	2.3	8.3	4.9	7.6	9.2	9.0	9.1	9.7	9.5	9.6			
14	2.5	2.2	2.3	7.8	6.9	7.5	10.7	9.0	9.6	9.6	9.3	9.4			
15	3.2	2.2	2.6	8.4	7.3	8.0	10.4	9.1	9.6	9.4	9.2	9.3			
16	---	---	---	8.4	7.8	8.1	9.9	9.1	9.3	9.3	9.0	9.1			
17	---	---	---	8.2	7.9	8.0	9.8	9.1	9.5	9.3	9.1	9.2			
18	---	---	---	8.1	7.8	8.0	10.4	9.2	10.0	9.2	9.1	9.2			
19	---	---	---	8.2	7.4	7.9	10.5	10.0	10.2	9.5	9.1	9.3			
20	---	---	---	8.3	7.3	7.9	10.5	10.1	10.3	9.5	9.2	9.4			
21	---	---	---	8.5	6.0	7.6	10.5	10.2	10.4	9.4	9.2	9.3			
22	---	---	---	8.0	6.9	7.6	10.4	10.2	10.3	9.5	9.2	9.4			
23	2.6	1.2	2.0	8.1	7.4	7.8	10.3	10.0	10.2	9.4	9.2	9.3			
24	3.4	1.6	2.4	8.0	7.4	7.7	10.5	10.1	10.2	9.6	9.0	9.3			
25	7.2	2.2	4.9	8.5	7.8	8.1	10.4	10.2	10.3	9.5	9.0	9.2			
26	8.4	7.2	7.8	8.2	4.6	7.0	10.3	10.2	10.3	9.4	9.2	9.3			
27	7.7	6.9	7.4	8.7	5.8	7.6	10.6	10.3	10.5	9.4	8.8	9.1			
28	7.3	4.6	6.3	9.5	6.1	8.6	10.7	10.4	10.6	9.4	8.8	9.1			
29	7.2	3.8	5.7	9.3	6.8	8.4	10.6	10.4	10.5	9.4	8.9	9.2			
30	6.1	4.1	5.0	9.6	6.8	8.6	10.5	10.2	10.4	9.7	9.2	9.4			
31	4.8	2.7	3.8	---	---	---	10.4	10.1	10.2	9.7	9.3	9.5			
MONTH	---	---	---	9.6	2.8	7.3	10.7	6.9	9.4	10.4	8.8	9.6			
DAY	MAX	MIN	MEAN	FEBRUARY			MARCH			APRIL			MAY		
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	9.6	8.9	9.3	10.2	10.0	10.1	9.3	9.1	9.1	8.1	7.9	8.0			
2	9.6	8.9	9.2	10.0	9.9	10.0	9.2	9.1	9.1	7.9	7.7	7.8			
3	9.2	8.8	9.0	10.3	9.9	10.0	9.3	9.1	9.2	7.9	7.8	7.8			
4	10.1	9.1	9.8	10.5	10.1	10.2	9.2	9.1	9.1	7.9	7.8	7.8			
5	9.9	9.5	9.6	10.4	10.3	10.3	9.2	9.0	9.1	7.8	7.7	7.7			
6	9.7	9.2	9.5	10.3	10.2	10.2	9.3	9.1	9.2	7.8	7.6	7.7			
7	10.0	9.4	9.8	10.2	10.1	10.2	9.2	8.9	9.1	7.8	7.5	7.7			
8	10.0	9.3	9.8	10.2	10.1	10.1	9.3	9.0	9.2	7.9	7.6	7.8			
9	9.6	9.3	9.5	10.1	10.0	10.1	9.4	9.0	9.1	7.9	7.6	7.8			
10	9.4	8.7	9.0	10.0	9.9	10.0	9.4	8.9	9.2	7.7	7.5	7.6			
11	9.8	8.9	9.3	10.1	9.9	10.0	9.3	8.8	9.1	7.7	7.5	7.6			
12	9.7	9.0	9.3	10.0	9.8	9.9	8.8	8.6	8.7	8.0	7.4	7.6			
13	9.6	9.1	9.4	9.9	9.8	9.8	8.7	8.4	8.5	7.6	7.4	7.5			
14	9.4	8.9	9.2	9.9	9.7	9.8	8.5	8.3	8.4	7.6	7.4	7.5			
15	9.5	8.8	9.3	9.9	9.7	9.8	8.4	8.3	8.3	7.5	7.3	7.5			
16	9.6	8.6	9.2	10.0	9.8	9.9	8.4	8.2	8.3	7.4	7.3	7.3			
17	10.2	9.0	9.5	9.9	9.8	9.8	8.4	8.2	8.3	7.4	7.2	7.3			
18	10.0	9.5	9.8	10.0	9.8	9.8	8.5	8.3	8.3	7.5	7.2	7.3			
19	9.9	9.6	9.7	9.9	9.8	9.8	8.5	8.2	8.3	7.5	7.1	7.2			
20	9.8	9.4	9.6	9.9	9.6	9.8	8.4	8.1	8.2	7.3	7.1	7.1			
21	10.1	9.2	9.7	9.8	9.6	9.7	8.2	8.0	8.1	7.2	7.1	7.1			
22	9.6	8.9	9.3	9.9	9.6	9.7	8.2	8.0	8.1	7.2	7.1	7.1			
23	9.7	9.3	9.5	9.7	9.6	9.7	8.3	8.0	8.1	7.2	7.1	7.2			
24	9.9	9.6	9.7	9.7	9.5	9.6	8.2	8.0	8.1	7.2	7.0	7.1			
25	9.8	9.6	9.8	9.7	9.5	9.6	8.1	8.0	8.1	7.2	7.0	7.1			
26	10.5	9.6	10.1	9.7	9.4	9.5	8.1	8.0	8.0	7.1	6.9	7.0			
27	10.5	10.2	10.4	9.7	9.3	9.4	8.1	8.0	8.0	7.0	6.8	6.9			
28	10.4	10.2	10.3	9.4	9.3	9.3	8.1	7.9	8.0	7.1	6.8	6.9			
29	---	---	---	9.4	9.3	9.3	8.1	7.9	8.0	7.0	6.7	6.8			
30	---	---	---	9.3	9.1	9.2	8.1	7.9	8.0	7.0	6.7	6.8			
31	---	---	---	9.3	9.0	9.1	---	---	---	6.9	6.5	6.7			
MONTH	10.5	8.6	9.6	10.5	9.0	9.8	9.4	7.9	8.5	8.1	6.5	7.4			

02168500 LAKE MURRAY NEAR COLUMBIA, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	6.9	6.5	6.7	5.8	5.5	5.6	4.5	3.9	4.1	2.7	2.3	2.5
2	6.8	6.5	6.7	5.9	5.5	5.7	4.3	3.8	4.0	2.7	2.3	2.5
3	6.9	6.4	6.6	7.5	5.5	6.2	4.1	3.9	4.0	2.7	2.4	2.6
4	6.7	6.3	6.5	5.7	5.4	5.5	4.2	3.7	3.9	2.8	2.5	2.7
5	6.5	6.3	6.4	5.9	5.3	5.5	4.3	3.6	4.0	2.8	2.4	2.6
6	6.7	6.4	6.5	5.7	5.4	5.5	4.3	3.6	4.0	3.3	2.5	2.7
7	6.7	6.4	6.5	5.7	5.3	5.4	3.7	3.1	3.4	2.8	2.5	2.6
8	6.6	6.2	6.4	5.5	5.3	5.4	3.7	3.1	3.3	2.7	2.4	2.5
9	6.5	6.2	6.3	5.5	5.1	5.3	3.8	3.3	3.4	2.6	2.4	2.5
10	6.4	6.2	6.3	5.3	4.9	5.1	3.7	3.2	3.4	2.8	2.4	2.5
11	6.4	6.2	6.3	5.3	4.9	5.1	3.8	3.0	3.4	2.8	2.4	2.5
12	6.4	6.1	6.3	5.2	4.7	5.0	3.6	3.2	3.4	2.7	2.4	2.5
13	6.3	6.1	6.2	5.0	4.5	4.8	3.6	3.2	3.4	2.6	2.3	2.4
14	6.4	6.1	6.2	5.1	4.7	4.8	3.6	3.2	3.3	2.3	1.8	2.0
15	6.4	6.1	6.2	5.1	4.6	4.8	3.6	3.0	3.3	2.1	1.9	2.0
16	6.3	6.1	6.2	4.9	4.6	4.7	3.6	3.1	3.3	2.1	1.8	1.9
17	6.3	6.1	6.2	5.0	4.6	4.8	3.5	3.0	3.2	2.1	1.8	1.9
18	6.7	6.0	6.2	4.9	4.6	4.7	3.5	3.0	3.2	2.1	1.8	1.9
19	6.1	5.8	6.0	4.8	4.6	4.7	3.2	2.9	3.1	2.0	1.8	1.9
20	6.1	5.8	6.0	4.8	4.3	4.5	3.3	2.9	3.1	2.0	1.8	1.9
21	8.0	5.8	6.5	4.6	4.2	4.4	3.3	2.9	3.1	1.9	1.8	1.9
22	6.0	5.8	5.8	4.6	4.2	4.4	3.2	2.6	3.0	2.0	1.8	1.8
23	6.0	5.7	5.8	4.5	4.2	4.3	3.1	2.6	2.9	2.0	1.7	1.8
24	5.9	5.7	5.9	4.6	4.1	4.3	3.3	2.8	3.0	2.0	1.7	1.8
25	6.0	5.7	5.9	4.5	4.1	4.3	3.2	2.8	3.0	1.8	1.7	1.8
26	5.9	5.7	5.8	4.3	4.1	4.2	3.1	2.6	2.7	1.9	1.7	1.8
27	5.9	5.7	5.8	4.5	4.1	4.2	5.1	2.8	3.7	1.9	1.6	1.7
28	5.8	5.6	5.7	4.5	4.0	4.2	2.9	2.6	2.8	1.7	1.5	1.6
29	6.1	5.7	5.8	4.8	4.0	4.2	2.9	2.7	2.8	1.8	1.6	1.7
30	5.8	5.5	5.7	4.4	3.9	4.1	2.9	2.7	2.7	1.7	1.6	1.6
31	---	---	---	4.5	4.1	4.3	2.9	2.5	2.6	---	---	---
MONTH	8.0	5.5	6.2	7.5	3.9	4.8	5.1	2.5	3.3	3.3	1.5	2.1

## SANTEE RIVER BASIN

02168501 LAKE MURRAY TAILRACE NEAR COLUMBIA, SC

LOCATION.--Lat 34°03'12'', long 81°13'01'', Lexington County, Hydrologic Unit 03050109, on left side of Saluda River below Lake Murray dam, at power house, 10.2 mi upstream from confluence of Saluda and Congaree Rivers.

DRAINAGE.--2,420 mi<sup>2</sup>, 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, 85.86 ft, Feb. 22, 1990; minimum gage height, 70.57 ft, Dec. 4, 1986.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 84.32 ft, Aug. 24; minimum gage height, 71.61 ft, Oct. 1, 24, Mar. 3, 4, Apr. 19, 20.

## GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	72.93	71.61	71.87	74.06	72.87	73.14	78.09	71.68	72.97	72.71	72.69	72.70
2	75.58	71.82	72.55	74.01	73.04	73.48	71.68	71.66	71.67	78.14	72.70	73.78
3	78.00	71.63	73.97	73.38	72.04	73.01	78.37	71.66	72.80	77.81	72.65	73.83
4	77.54	71.65	74.19	72.96	71.67	72.37	76.69	72.83	73.14	73.81	72.98	73.32
5	77.74	72.57	74.70	72.84	71.65	72.29	73.98	71.71	72.43	73.35	72.98	73.21
6	80.35	72.27	74.61	73.84	71.67	72.86	74.69	71.71	72.70	73.33	72.77	73.11
7	74.34	72.14	72.28	72.85	71.66	72.36	72.68	72.65	72.67	73.15	72.77	73.02
8	72.93	72.11	72.48	81.57	72.10	76.10	72.69	72.64	72.67	77.12	73.06	73.51
9	79.48	72.88	75.33	80.38	72.03	75.38	72.68	72.64	72.66	75.91	73.04	73.20
10	75.34	72.83	73.22	72.99	71.91	72.38	79.77	72.65	74.19	73.04	72.61	72.77
11	77.79	72.20	74.19	72.99	72.98	72.99	73.29	72.81	72.95	---	---	---
12	79.84	72.64	76.19	73.04	72.91	72.97	72.84	72.80	72.82	---	---	---
13	82.03	72.56	76.30	73.48	72.91	73.02	72.84	72.82	72.83	72.31	72.29	72.30
14	77.71	73.23	74.06	73.26	72.82	72.98	72.82	72.50	72.64	74.64	72.29	72.69
15	82.29	72.68	77.39	79.61	72.82	74.05	72.50	72.41	72.45	76.90	72.49	73.09
16	81.57	72.18	75.31	79.89	72.77	74.98	72.48	72.41	72.46	73.45	72.70	72.85
17	80.76	72.87	77.30	74.03	72.50	72.86	72.60	72.45	72.54	77.41	72.36	72.81
18	78.69	71.63	73.63	73.31	72.82	73.12	72.56	72.49	72.53	72.37	72.34	72.35
19	75.89	71.62	72.79	73.29	72.78	72.90	72.57	72.52	72.55	72.37	72.34	72.36
20	71.64	71.62	71.63	79.36	72.78	74.06	72.57	72.53	72.55	72.38	72.36	72.37
21	72.87	71.63	72.00	79.61	72.48	73.88	74.76	72.57	73.03	72.39	72.35	72.37
22	81.99	72.85	76.43	78.87	72.59	74.00	72.99	72.68	72.71	72.38	72.35	72.37
23	81.99	71.62	73.37	73.43	72.33	72.84	72.71	72.66	72.68	72.37	72.36	72.36
24	72.57	71.61	72.23	73.42	72.97	73.27	72.66	72.63	72.64	77.01	72.37	72.80
25	78.84	72.22	73.58	72.98	72.95	72.97	72.70	72.65	72.66	73.58	72.65	72.99
26	75.10	72.08	72.56	79.95	72.11	73.75	72.69	72.66	72.68	75.54	73.10	73.26
27	72.65	71.89	72.18	80.97	71.78	74.20	72.72	72.68	72.70	73.31	73.27	73.30
28	72.78	72.60	72.69	79.83	72.33	74.83	72.70	72.67	72.70	73.30	73.27	73.29
29	80.92	72.64	74.06	80.40	72.83	74.70	72.68	72.65	72.66	73.30	72.82	73.10
30	73.84	72.47	73.24	76.40	71.96	73.01	72.67	72.65	72.66	72.86	72.82	72.85
31	72.94	72.87	72.90	---	---	---	72.70	72.67	72.69	72.85	72.46	72.68
MONTH	82.29	71.61	73.85	81.57	71.65	73.49	79.77	71.66	72.71	---	---	---

SANTEE RIVER BASIN

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02168501 LAKE MURRAY TAILRACE NEAR COLUMBIA, SC--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	72.46	72.46	72.46	80.36	74.18	74.63	72.27	72.22	72.25	72.69	72.36	72.42
2	72.46	72.46	72.46	77.79	71.66	73.18	72.45	72.22	72.34	78.65	72.29	73.33
3	72.46	72.46	72.46	71.66	71.61	71.64	72.45	72.45	72.45	81.19	72.74	74.32
4	72.46	72.29	72.38	79.47	71.61	74.44	72.53	72.38	72.45	74.23	72.47	73.17
5	73.78	72.29	72.57	74.28	72.60	73.04	72.38	72.36	72.37	72.47	72.11	72.25
6	79.34	72.46	74.05	72.61	72.60	72.60	72.36	72.36	72.36	72.38	72.38	72.38
7	79.07	72.66	73.79	72.61	72.60	72.60	72.36	72.31	72.32	72.38	72.36	72.37
8	75.66	72.41	73.30	72.99	72.60	72.67	74.62	72.31	72.51	73.43	72.34	72.75
9	72.41	72.40	72.41	72.79	72.61	72.62	72.89	72.74	72.75	81.69	72.79	74.24
10	72.41	72.41	72.41	72.61	72.61	72.61	72.77	72.51	72.63	77.41	72.67	73.37
11	72.41	72.40	72.40	72.61	72.61	72.61	73.64	71.70	72.44	83.17	72.70	75.29
12	73.48	72.40	73.15	72.61	72.61	72.61	73.64	72.71	72.92	73.63	72.77	72.95
13	73.42	72.46	72.99	72.63	72.51	72.56	72.71	72.71	72.71	72.80	72.73	72.77
14	74.92	71.68	72.18	72.51	72.51	72.51	72.71	72.71	72.71	72.77	72.76	72.77
15	71.68	71.67	71.68	72.51	72.51	72.51	72.71	72.71	72.71	74.44	72.37	72.78
16	71.68	71.67	71.68	72.51	72.51	72.51	72.72	72.40	72.56	72.37	72.36	72.37
17	71.67	71.67	71.67	72.51	72.51	72.51	72.40	72.35	72.36	72.38	72.37	72.37
18	74.76	71.67	73.28	72.51	72.51	72.51	73.27	72.35	72.42	72.40	72.37	72.38
19	81.66	72.51	74.14	72.51	72.51	72.51	75.41	71.61	72.27	72.37	72.37	72.37
20	75.45	72.49	72.84	78.19	72.51	72.91	72.71	71.61	72.35	72.38	72.37	72.38
21	72.52	72.41	72.43	72.66	72.56	72.57	72.70	71.91	72.01	72.38	72.37	72.38
22	73.94	72.37	72.60	72.56	72.55	72.55	73.90	71.92	72.61	72.38	72.37	72.38
23	73.12	72.35	72.41	72.55	72.55	72.55	73.05	72.49	72.63	72.38	72.37	72.38
24	72.40	72.35	72.38	72.55	72.55	72.55	72.49	72.24	72.26	72.39	72.38	72.38
25	77.08	72.32	72.93	72.55	72.23	72.39	73.43	72.23	72.69	72.39	72.38	72.39
26	75.06	72.40	72.83	72.33	72.22	72.27	73.43	72.18	72.68	72.40	72.38	72.39
27	78.67	72.38	74.05	72.40	72.25	72.35	72.18	72.17	72.17	73.00	72.39	72.71
28	80.89	73.79	74.87	72.26	72.24	72.25	75.20	72.17	72.72	72.73	71.99	72.58
29	---	---	---	72.25	72.25	72.25	74.02	72.13	72.91	73.02	71.96	72.07
30	---	---	---	72.30	72.25	72.26	74.36	72.36	73.10	73.41	71.75	72.06
31	---	---	---	72.27	72.25	72.25	---	---	---	75.41	73.23	73.46
MONTH	81.66	71.67	72.81	80.36	71.61	72.65	75.41	71.61	72.52	83.17	71.75	72.78

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	73.56	73.51	73.54	74.54	72.93	73.30	73.68	73.48	73.61	73.62	73.60	73.61
2	73.56	73.49	73.53	75.15	72.93	73.63	79.98	73.25	74.84	73.61	73.23	73.38
3	73.53	73.42	73.48	75.14	72.90	73.99	73.96	73.25	73.49	75.22	73.23	73.44
4	74.41	72.53	73.30	72.90	72.29	72.75	73.67	73.49	73.58	76.11	73.26	73.69
5	73.10	72.46	72.72	72.97	72.28	72.62	78.30	73.60	74.33	73.93	73.89	73.91
6	73.32	72.47	72.82	73.14	72.95	72.98	79.32	73.74	75.22	74.38	73.90	74.11
7	72.85	72.41	72.62	73.17	73.11	73.16	75.55	73.34	74.15	74.08	74.02	74.05
8	72.56	72.39	72.50	73.17	73.16	73.16	83.35	73.34	75.16	74.09	74.05	74.07
9	72.89	72.56	72.60	74.40	73.16	73.64	78.78	73.67	74.02	74.08	74.06	74.07
10	72.87	72.78	72.82	74.18	72.07	73.09	73.69	73.41	73.50	79.42	73.59	74.57
11	73.21	72.59	72.81	72.95	72.81	72.86	73.61	73.60	73.60	80.68	74.02	74.55
12	73.23	72.91	73.02	73.42	72.75	73.22	73.61	73.40	73.52	74.11	73.49	73.87
13	72.92	72.91	72.91	73.75	73.33	73.55	73.70	73.40	73.65	74.12	72.74	73.91
14	72.93	72.91	72.91	82.49	73.66	74.99	73.70	73.68	73.68	76.42	73.87	74.03
15	72.92	72.91	72.91	74.15	72.64	73.60	76.81	73.55	73.91	73.94	73.91	73.93
16	72.92	72.88	72.91	75.12	73.54	73.88	74.66	73.47	73.55	73.94	73.88	73.92
17	83.49	72.88	74.97	78.86	72.95	75.14	73.49	73.47	73.48	74.96	73.88	74.31
18	74.74	73.03	73.20	82.22	72.61	75.10	79.24	73.47	74.27	74.63	73.99	74.25
19	73.68	72.40	72.79	78.83	72.87	74.57	79.07	73.43	73.87	74.40	73.99	74.12
20	73.17	72.40	72.96	73.24	72.24	73.00	73.75	73.69	73.73	74.42	74.01	74.32
21	72.97	72.92	72.95	73.36	72.44	73.08	73.78	73.74	73.76	74.40	74.26	74.31
22	73.20	72.47	72.77	73.45	73.35	73.42	80.59	73.52	74.21	74.46	74.39	74.44
23	73.25	72.67	72.98	74.49	73.28	73.49	75.86	73.71	73.94	74.46	74.20	74.43
24	72.91	72.68	72.90	73.65	73.18	73.37	84.32	74.01	75.55	79.08	74.37	74.65
25	73.12	72.90	72.91	80.69	73.36	74.24	78.28	74.20	74.38	74.40	74.37	74.38
26	73.16	72.89	72.99	73.97	73.57	73.72	74.23	74.20	74.22	79.23	74.38	74.87
27	76.31	72.89	73.12	73.58	73.57	73.58	74.22	72.11	73.78	---	---	---
28	72.98	72.95	72.96	73.61	73.57	73.59	72.11	71.94	71.99	---	---	---
29	72.95	72.94	72.95	73.57	73.40	73.54	73.92	72.00	73.02	---	---	---
30	72.95	72.93	72.95	79.77	73.39	74.77	73.60	73.56	73.58	---	---	---
31	---	---	---	75.05	73.35	74.11	73.61	73.60	73.60	---	---	---
MONTH	83.49	72.39	73.03	82.49	72.07	73.65	84.32	71.94	73.91	---	---	---



## SANTEE RIVER BASIN

02168504 SALUDA RIVER BELOW LAKE MURRAY NEAR COLUMBIA, SC

LOCATION.--Lat 34°03'03'', long 81°12'35'', Lexington County, Hydrologic Unit 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 mi<sup>2</sup>, 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 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	286	817	1100	576	479	2140	436	506	1050	969	1050	989
2	548	1030	222	1510	480	1080	466	1220	1050	1270	2520	999
3	2190	705	1100	1390	480	220	498	2020	1000	1570	942	1160
4	2150	464	892	936	463	2300	485	881	920	571	989	1370
5	2590	429	496	835	566	780	440	411	644	521	1760	1540
6	2300	713	714	782	1880	532	440	459	704	666	2780	1620
7	413	461	551	737	1550	534	425	455	549	751	1620	1460
8	491	4650	552	1090	975	572	553	646	499	752	2960	1480
9	3150	3640	549	864	459	538	588	1980	541	1070	1480	1490
10	899	457	2030	601	459	533	555	1070	631	821	993	2090
11	1990	691	687	535	457	534	544	3520	612	684	1060	2120
12	4090	697	618	748	866	535	692	698	692	825	1010	1330
13	4390	731	618	409	785	524	570	592	640	1020	1090	1350
14	1580	705	541	623	464	513	570	587	641	2670	1120	1480
15	5800	1900	467	901	240	511	569	605	640	1080	1380	1370
16	3030	2750	474	651	238	511	520	435	637	1310	1030	1370
17	5270	680	501	802	237	513	451	436	2900	2880	972	1730
18	1460	811	493	481	1040	513	482	439	794	3170	1810	1650
19	921	670	502	486	2130	514	483	436	602	2310	1340	1530
20	205	1780	501	491	711	886	475	436	670	713	1150	1680
21	331	1730	810	491	487	540	332	437	658	761	1170	e1650
22	5120	1690	576	489	573	535	646	438	589	946	1760	e1790
23	1340	653	563	488	480	534	540	437	677	1010	1390	e1790
24	402	873	543	814	466	534	397	439	664	937	3650	2070
25	1430	702	553	741	818	482	611	441	669	1930	1800	1770
26	564	1560	562	911	694	449	595	441	709	1140	1630	2360
27	371	2810	571	884	1710	469	367	571	842	1030	1350	2010
28	554	2660	568	878	2400	441	707	510	693	1040	283	1610
29	1770	2590	552	787	---	444	751	335	685	998	712	1500
30	841	810	553	665	---	445	966	374	685	2290	968	1460
31	649	---	572	580	---	441	---	1050	---	1470	987	---
TOTAL	57125	40859	20031	23176	22587	20097	16154	23305	23287	39175	44756	47818
MEAN	1843	1362	646	748	807	648	538	752	776	1264	1444	1594
MAX	5800	4650	2030	1510	2400	2300	966	3520	2900	3170	3650	2360
MIN	205	429	222	409	237	220	332	335	499	521	283	989
CFSM	0.76	0.56	0.27	0.31	0.33	0.27	0.22	0.31	0.32	0.52	0.60	0.66
IN.	0.88	0.63	0.31	0.36	0.35	0.31	0.25	0.36	0.36	0.60	0.69	0.74

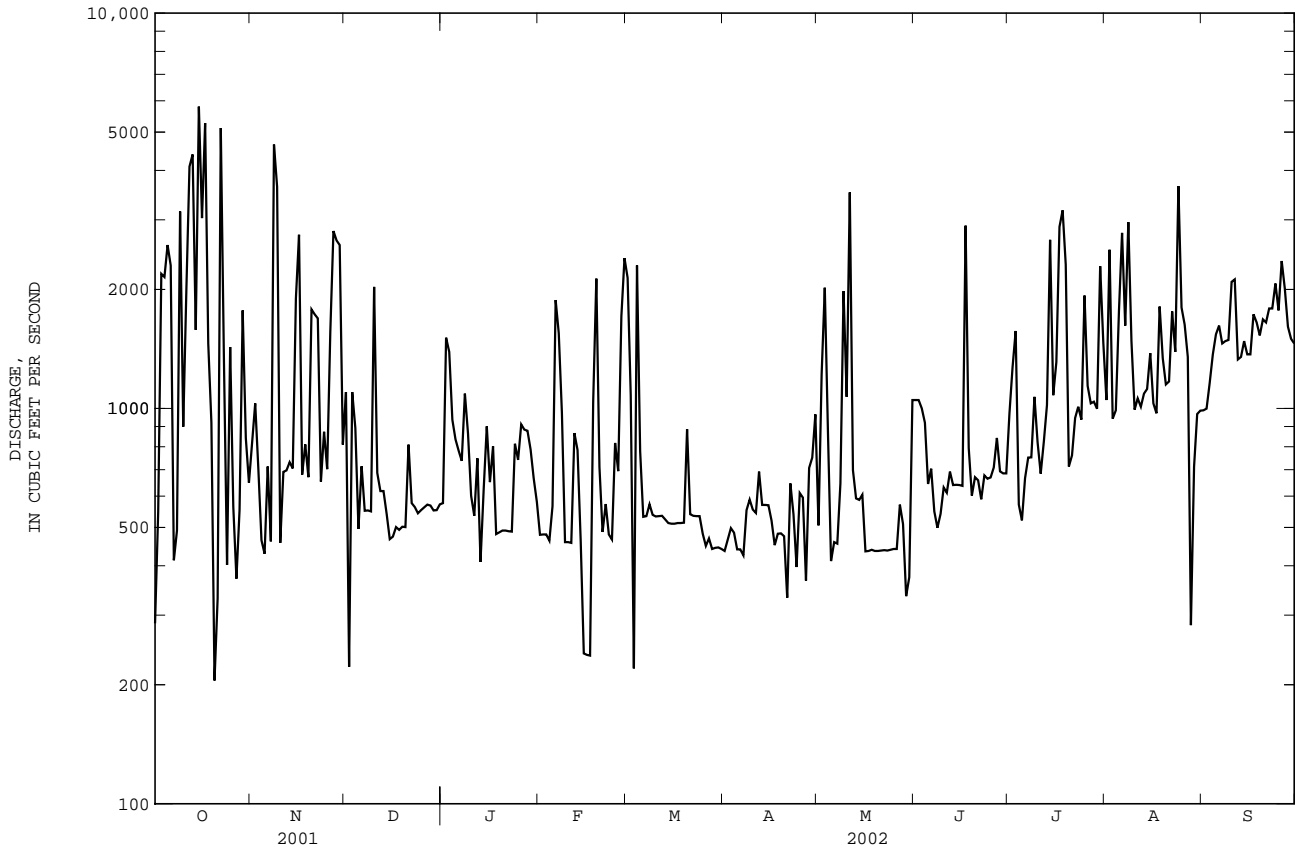
## STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 2002, BY WATER YEAR (WY)

	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
MEAN	2429	2099	2241	2918	3506	3551	2178	1615	1738	2112	2527	2753		
MAX	5467	4579	5773	8890	8396	7437	6595	4617	3190	4067	5805	7837		
(WY)	1991	1993	1993	1993	1998	1993	1998	1998	1994	1989	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		

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

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1989 - 2002	
ANNUAL TOTAL	349784		378370		2467	
ANNUAL MEAN	958		1037		4097	
HIGHEST ANNUAL MEAN					1037	
LOWEST ANNUAL MEAN					1037	
HIGHEST DAILY MEAN	5800	Oct 15	5800	Oct 15	21800	Jan 16 1995
LOWEST DAILY MEAN	205	Oct 20	205	Oct 20	155	a Sep 24 1989
ANNUAL SEVEN-DAY MINIMUM	323	May 22	437	May 16	168	Jan 12 1989
MAXIMUM PEAK FLOW			16500		Aug 24	22400
MAXIMUM PEAK STAGE			14.25		Aug 24	b 16.01
ANNUAL RUNOFF (CFSM)	0.40		0.43		1.02	
ANNUAL RUNOFF (INCHES)	5.38		5.82		13.85	
10 PERCENT EXCEEDS	2200		2050		5790	
50 PERCENT EXCEEDS	548		705		1550	
90 PERCENT EXCEEDS	370		441		436	

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

REMARKS.--Temperature records rated excellent. Dissolved oxygen records rated good except for Nov. 18-28, Jan. 15-18, Mar. 24, 25, Apr. 30, May 1, 20-31, June 1-4, and Sep 13-23, 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, 19.9 C, Oct. 20; minimum, 7.7°C, Jan. 15.

DISSOLVED OXYGEN: Maximum, 12.9 mg/L, Feb. 19; minimum, 0.4 mg/L, Nov. 9.

## TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	19.7	15.3	17.4	17.5	15.6	16.3	18.0	16.0	17.0	14.5	13.0	13.5
2	18.7	14.9	16.3	16.8	16.0	16.2	18.7	16.6	17.6	13.4	12.6	13.0
3	18.7	14.8	15.9	17.1	15.7	16.3	19.7	15.8	17.3	13.2	12.6	12.9
4	17.4	14.8	15.3	17.7	15.9	16.8	17.2	15.7	16.3	13.5	12.3	12.8
5	16.9	14.9	15.5	18.7	15.8	16.8	17.5	15.9	16.7	12.9	12.0	12.3
6	15.8	14.8	15.3	17.1	15.6	16.1	17.4	15.8	16.4	12.0	11.7	11.8
7	17.9	15.0	16.0	18.0	16.1	16.9	17.5	15.6	16.3	12.6	11.5	12.0
8	18.0	14.7	15.8	16.9	15.2	16.0	17.2	15.6	16.3	12.3	11.0	11.6
9	16.6	14.9	15.8	16.5	14.9	15.5	16.8	15.7	16.1	12.9	11.1	11.8
10	16.5	15.4	15.9	17.1	14.6	15.4	16.1	15.5	15.8	13.4	11.2	12.1
11	18.3	15.0	15.6	16.4	15.0	15.5	16.5	15.6	16.0	12.6	10.8	11.8
12	15.3	15.0	15.1	16.2	15.0	15.4	16.1	15.4	15.6	11.0	10.4	10.8
13	16.4	15.0	15.3	16.1	14.9	15.3	15.7	15.4	15.5	12.7	10.5	11.2
14	17.3	15.1	16.4	16.0	15.0	15.4	16.1	15.4	15.7	11.1	8.2	10.6
15	17.2	15.3	16.1	15.9	15.2	15.6	16.7	14.8	15.5	11.7	7.7	10.8
16	17.6	15.0	15.7	16.2	15.2	15.6	16.2	14.7	15.3	11.8	10.7	11.1
17	17.7	15.4	16.6	16.6	15.2	15.6	16.9	15.2	15.9	12.9	10.4	11.5
18	16.8	15.2	15.7	16.6	15.5	15.9	17.1	15.1	15.9	12.5	11.1	11.6
19	17.7	15.4	16.6	17.4	15.6	16.3	16.4	14.8	15.4	12.1	10.9	11.3
20	19.9	16.0	17.8	16.6	15.5	16.0	16.6	15.0	15.6	12.3	10.4	11.2
21	19.1	16.2	17.2	16.7	15.1	15.8	16.3	14.9	15.4	11.7	10.4	10.9
22	17.4	15.6	16.2	16.8	15.1	15.8	16.6	15.0	15.5	11.8	10.1	10.7
23	18.0	15.5	16.7	15.9	15.2	15.5	15.7	14.9	15.3	10.8	10.4	10.6
24	18.0	16.6	17.2	16.2	15.7	15.8	16.1	14.7	15.2	12.0	9.8	10.7
25	18.0	16.4	17.1	16.6	15.7	15.9	15.6	14.7	15.0	10.4	9.6	10.0
26	18.1	15.5	16.4	16.5	15.7	15.9	15.8	14.2	14.8	10.7	9.4	9.9
27	18.7	16.0	16.9	17.4	15.7	16.2	15.5	14.2	14.7	10.5	9.6	9.9
28	17.7	15.7	16.4	16.9	15.6	16.0	15.6	14.1	14.6	10.6	9.7	9.9
29	17.4	15.5	16.4	16.8	15.9	16.2	15.2	13.9	14.4	10.9	9.7	10.1
30	16.4	15.5	16.0	17.8	15.9	16.5	15.1	13.6	14.0	11.1	9.8	10.3
31	17.3	15.7	16.3	---	---	---	14.4	13.3	13.8	11.6	10.0	10.7
MONTH	19.9	14.7	16.2	18.7	14.6	15.9	19.7	13.3	15.6	14.5	7.7	11.3

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

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	12.1	10.6	11.2	11.3	10.5	10.9	14.2	11.6	12.4	13.0	12.0	12.4
2	11.8	10.1	10.6	13.1	10.3	11.4	13.5	11.3	12.1	12.9	11.2	12.0
3	10.7	9.8	10.2	13.8	11.9	12.8	13.5	11.5	12.3	12.5	11.2	11.7
4	12.0	9.6	10.5	12.4	10.5	11.0	12.8	11.2	11.9	12.3	11.6	12.0
5	11.4	9.8	10.6	12.6	10.5	11.3	13.8	11.1	12.1	14.7	12.1	12.9
6	10.9	9.6	10.1	12.6	10.6	11.3	13.8	11.2	12.1	14.5	12.3	13.0
7	10.3	9.7	10.0	12.7	10.6	11.4	14.1	11.3	12.3	14.2	12.5	13.1
8	10.8	9.5	10.1	12.6	10.4	11.2	13.7	11.1	12.3	15.0	11.6	12.9
9	12.3	9.6	10.7	12.0	10.4	11.1	12.6	11.2	11.8	12.6	11.7	12.0
10	11.1	10.2	10.5	12.3	10.5	11.1	13.8	11.7	12.4	13.7	11.5	12.4
11	12.3	9.8	10.6	12.4	10.4	11.2	16.9	11.0	13.1	14.8	11.5	12.4
12	10.6	9.7	10.0	11.6	10.9	11.2	12.3	11.0	11.7	13.7	11.5	12.5
13	11.0	9.7	10.2	12.1	11.1	11.5	12.6	11.5	11.9	13.7	12.4	12.9
14	13.7	9.9	11.2	12.9	10.9	11.6	12.5	11.3	11.7	13.6	12.1	12.7
15	13.1	10.1	11.3	13.1	11.3	11.8	13.2	11.2	12.0	13.7	11.8	12.6
16	13.0	10.6	11.4	12.6	11.0	11.6	14.0	11.5	12.5	14.9	12.4	13.5
17	13.0	10.3	11.2	12.9	11.2	11.9	14.4	12.2	12.9	15.0	12.6	13.6
18	11.0	10.1	10.6	12.6	11.1	11.6	14.3	11.6	12.8	13.6	12.7	13.1
19	12.2	10.0	10.9	12.6	11.4	11.8	14.9	11.9	13.2	14.8	12.3	13.2
20	11.9	10.7	11.1	12.6	10.2	11.5	14.5	11.9	13.2	14.8	12.1	13.1
21	12.8	10.7	11.5	12.0	11.2	11.6	15.8	11.9	13.9	15.1	12.3	13.2
22	12.2	10.3	10.9	12.8	10.9	11.7	14.9	10.9	12.9	15.6	12.2	13.5
23	11.6	10.4	10.8	13.0	10.8	11.6	13.4	11.0	12.1	15.0	12.2	13.4
24	12.8	10.0	11.1	13.0	11.1	11.7	14.9	11.6	12.9	15.0	12.3	13.5
25	12.1	10.3	11.0	13.3	11.2	12.0	14.6	11.8	12.7	15.6	12.9	13.8
26	12.6	10.5	11.0	13.1	11.6	12.1	14.9	11.7	12.8	15.3	13.0	13.9
27	11.9	10.1	11.0	13.5	11.4	12.2	14.9	12.5	13.2	14.6	12.6	13.4
28	11.5	10.7	11.1	12.9	11.2	11.8	14.5	11.1	12.6	15.0	12.6	13.6
29	---	---	---	13.5	11.3	12.0	14.7	11.1	12.2	16.0	14.0	14.9
30	---	---	---	13.2	11.5	12.0	12.1	11.0	11.6	16.8	12.2	15.0
31	---	---	---	13.2	11.5	12.1	---	---	---	13.4	12.1	12.5
MONTH	13.7	9.5	10.8	13.8	10.2	11.6	16.9	10.9	12.5	16.8	11.2	13.1
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	13.0	12.2	12.5	14.4	12.9	13.5	14.4	13.5	13.9	15.3	14.7	14.9
2	13.1	12.2	12.5	14.5	12.7	13.5	14.1	13.4	13.6	15.3	14.7	14.9
3	13.1	12.2	12.5	14.5	12.9	13.4	14.5	13.8	14.0	15.6	14.6	14.9
4	13.1	12.1	12.6	14.8	13.3	14.1	14.6	13.7	14.0	15.7	14.4	14.8
5	15.3	12.2	13.3	15.8	13.5	14.5	14.5	13.6	13.9	15.2	14.4	14.6
6	14.9	12.2	13.3	14.9	13.4	13.9	14.3	13.6	13.8	15.2	14.4	14.7
7	14.5	12.8	13.6	14.3	13.3	13.7	14.5	13.5	13.8	15.2	14.5	14.7
8	15.7	13.0	14.1	14.3	13.2	13.6	14.5	13.5	13.9	15.2	14.5	14.7
9	14.5	12.6	13.4	14.2	12.8	13.4	14.5	13.7	14.0	15.2	14.5	14.8
10	14.1	12.6	13.2	16.5	12.9	13.9	14.9	13.9	14.2	16.1	14.5	14.9
11	15.0	12.6	13.6	14.1	13.4	13.7	14.8	13.8	14.2	15.3	14.5	14.8
12	14.1	12.6	13.2	13.8	13.3	13.6	14.8	14.0	14.4	15.3	14.7	14.9
13	14.1	12.8	13.3	14.0	13.0	13.4	14.7	14.0	14.3	16.1	14.7	15.0
14	13.8	12.8	13.1	14.0	12.9	13.5	14.7	14.0	14.3	15.5	14.7	14.9
15	13.9	12.7	13.2	15.2	13.0	13.6	14.9	13.9	14.4	15.1	14.6	14.8
16	13.9	12.2	12.9	13.8	12.7	13.2	15.1	14.4	14.7	15.4	14.7	14.9
17	13.8	12.0	12.8	13.9	12.9	13.2	15.2	14.5	14.7	15.7	14.7	15.0
18	13.5	12.0	12.7	14.0	12.9	13.6	15.5	14.4	14.7	16.3	14.8	15.2
19	15.6	12.7	13.7	14.8	13.0	13.7	15.5	14.6	14.9	15.4	14.8	15.0
20	13.8	12.4	13.1	16.3	13.5	14.2	15.3	14.5	14.8	15.5	14.8	15.0
21	13.5	12.4	12.9	16.9	13.3	14.3	15.2	14.5	14.8	---	---	---
22	14.8	12.4	13.3	14.1	13.3	13.6	15.6	14.4	14.7	---	---	---
23	13.6	12.3	12.8	14.0	13.3	13.7	15.4	14.2	14.6	---	---	---
24	14.0	13.0	13.4	14.4	13.7	13.9	14.9	14.2	14.5	14.8	14.4	14.6
25	14.0	13.1	13.4	14.3	13.3	13.9	14.8	14.2	14.4	14.6	14.3	14.5
26	14.0	12.8	13.4	14.3	13.6	13.9	14.8	14.2	14.4	14.8	14.4	14.6
27	14.6	13.4	13.8	14.5	13.8	14.0	15.3	14.2	14.4	15.0	14.4	14.6
28	14.2	13.5	13.8	14.5	13.8	14.1	17.6	15.3	16.9	14.7	14.0	14.4
29	14.4	13.4	13.8	14.6	13.8	14.1	16.8	14.7	15.5	14.9	14.4	14.5
30	14.5	13.4	13.7	14.3	13.5	14.0	15.0	14.7	14.8	15.0	14.4	14.6
31	---	---	---	15.9	13.8	14.7	14.9	14.6	14.8	---	---	---
MONTH	15.7	12.0	13.2	16.9	12.7	13.8	17.6	13.4	14.5	---	---	---

## SANTEE RIVER BASIN

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

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	8.1	4.0	6.0	8.2	6.3	7.1	6.1	4.6	5.2	11.2	9.4	10.1
2	8.8	1.6	6.5	9.0	7.6	8.1	7.8	5.0	6.1	10.5	8.8	9.8
3	7.5	1.2	3.4	9.1	6.1	8.0	8.9	5.1	6.6	10.6	9.1	10.1
4	7.5	1.9	4.6	7.7	3.8	5.8	10.1	7.8	9.1	11.4	9.9	10.5
5	9.9	1.4	5.4	7.9	3.8	5.9	9.2	7.0	8.4	11.3	9.9	10.6
6	7.6	1.1	3.7	6.9	3.6	5.8	9.9	6.9	8.2	10.9	10.1	10.4
7	10.7	3.9	7.6	8.2	3.5	5.7	10.2	8.2	8.9	11.4	9.9	10.5
8	10.7	6.4	8.3	6.6	2.6	4.8	10.0	8.1	8.8	12.2	9.1	10.9
9	9.5	1.8	6.0	7.4	0.4	4.3	10.0	8.1	8.7	11.4	10.0	10.8
10	9.9	6.2	8.7	9.6	6.9	7.8	9.1	5.7	7.8	12.0	10.4	10.9
11	10.6	1.4	6.2	9.0	7.4	7.9	9.4	8.0	8.6	11.9	10.1	10.8
12	7.9	0.8	3.5	9.6	7.5	8.3	9.1	8.3	8.6	11.2	10.2	10.6
13	8.0	0.7	3.6	9.6	7.9	8.5	9.4	8.3	8.6	12.1	9.9	10.7
14	10.0	1.7	7.5	9.5	7.7	8.4	9.7	7.9	8.6	12.1	9.9	10.8
15	8.7	0.8	4.1	9.1	0.8	6.5	10.2	8.0	8.7	12.2	10.1	11.1
16	9.2	0.7	4.0	7.8	0.5	4.6	10.3	8.1	8.8	11.9	10.5	11.0
17	9.3	1.1	5.4	9.5	6.2	7.9	10.1	7.8	8.6	11.7	9.6	10.6
18	6.8	1.4	4.1	9.3	7.3	8.1	10.4	8.0	8.9	11.4	9.5	10.2
19	4.9	1.0	2.8	9.2	7.3	7.9	10.3	8.1	8.9	10.9	9.5	9.9
20	8.2	3.8	5.4	8.1	0.6	6.6	10.5	8.2	9.2	11.2	9.3	10.1
21	7.2	3.6	5.4	8.8	0.5	6.1	10.4	8.2	9.2	10.7	9.2	9.8
22	8.6	1.1	4.9	9.3	0.9	5.8	10.5	8.4	9.3	11.4	9.2	10.0
23	7.1	0.7	3.6	8.7	5.0	7.3	10.1	8.8	9.3	10.5	9.2	9.7
24	10.1	3.3	6.9	7.8	7.1	7.4	10.5	8.7	9.3	11.2	9.1	9.9
25	10.1	3.0	7.2	8.9	7.3	7.8	10.6	8.8	9.5	10.6	9.3	9.9
26	10.4	3.3	7.7	8.2	2.3	6.2	10.5	8.8	9.5	10.9	9.1	10.0
27	10.0	6.1	7.5	8.1	2.3	5.3	10.6	8.9	9.5	10.8	9.5	9.9
28	9.3	6.7	7.6	8.1	2.2	5.5	10.6	9.0	9.6	10.6	9.4	9.9
29	10.3	1.9	8.1	8.0	3.1	6.2	10.7	9.0	9.7	10.8	9.4	9.9
30	8.8	6.0	6.5	8.7	5.0	7.3	10.7	9.2	9.7	11.0	9.4	10.0
31	8.1	6.2	6.9	---	---	---	10.8	9.2	9.9	11.4	9.1	10.0
MONTH	10.7	0.7	5.8	9.6	0.4	6.8	10.8	4.6	8.7	12.2	8.8	10.3
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	11.3	9.1	9.9	11.1	9.4	10.3	10.8	8.7	9.5	9.7	7.5	8.4
2	11.7	9.1	10.0	10.2	8.5	9.5	10.5	8.6	9.3	9.1	7.8	8.5
3	11.2	9.1	9.8	11.2	8.2	9.3	10.3	8.6	9.3	9.8	8.0	8.7
4	11.8	9.0	10.0	11.0	8.6	9.8	10.3	8.6	9.4	9.6	7.2	8.4
5	11.4	8.9	9.9	11.1	9.1	10.3	10.6	8.7	9.5	10.0	7.5	8.4
6	10.3	8.8	9.4	10.6	9.1	9.7	10.5	8.7	9.5	9.6	7.3	8.8
7	9.9	8.8	9.5	10.5	9.1	9.6	10.7	8.6	9.5	10.4	7.3	8.7
8	10.7	8.8	9.9	10.3	9.1	9.6	10.6	8.6	9.6	10.2	7.2	8.6
9	11.5	9.1	10.0	10.3	9.1	9.6	10.1	8.8	9.3	10.6	6.1	9.0
10	11.2	9.0	9.8	10.4	9.1	9.6	10.1	8.7	9.2	11.3	7.5	8.7
11	11.9	9.1	10.1	10.4	8.9	9.5	10.9	8.7	9.5	9.5	6.7	8.3
12	10.7	9.1	9.8	9.9	8.9	9.3	9.4	8.6	9.1	10.5	7.3	9.0
13	11.0	9.1	10.0	10.1	9.0	9.4	9.9	8.6	9.2	10.5	6.8	8.6
14	12.6	9.0	10.1	10.4	8.9	9.5	9.9	8.7	9.2	10.0	7.2	8.6
15	12.2	8.8	10.1	10.7	9.0	9.6	9.8	8.6	9.2	9.9	6.8	8.6
16	12.3	8.7	10.0	10.6	9.0	9.7	10.2	8.5	9.2	9.9	7.6	8.7
17	12.4	8.8	10.1	10.8	9.1	9.8	10.6	8.3	9.2	10.6	7.8	8.9
18	10.4	8.8	9.5	10.9	9.1	9.7	10.5	8.2	9.2	8.4	7.4	7.9
19	12.9	8.8	10.0	10.8	9.2	9.8	10.6	7.8	9.1	11.3	7.5	9.1
20	10.0	8.7	9.0	11.4	9.3	10.0	10.1	7.4	8.7	10.5	7.8	9.3
21	10.7	8.7	9.4	10.5	9.3	9.9	10.7	7.9	9.2	10.4	7.5	9.0
22	10.7	8.5	9.3	11.0	9.3	10.0	10.9	7.8	9.1	11.2	7.5	8.8
23	10.5	8.6	9.2	11.2	9.3	10.1	10.3	8.2	9.2	11.3	7.5	9.2
24	10.7	8.6	9.4	11.3	9.3	10.1	10.8	8.2	9.2	10.6	7.3	9.1
25	10.4	8.6	9.3	11.5	9.1	10.1	10.7	8.2	9.5	11.6	7.1	9.0
26	10.4	8.7	9.2	10.9	8.8	9.6	11.1	8.1	9.9	11.2	7.1	8.8
27	10.7	8.7	9.5	10.9	8.8	9.6	10.7	8.0	9.1	10.5	7.3	8.4
28	10.5	9.3	10.0	11.0	8.7	9.6	10.7	8.0	9.0	10.2	7.3	8.4
29	---	---	---	10.9	8.7	9.5	11.0	8.5	9.2	12.1	7.2	9.2
30	---	---	---	10.8	8.6	9.3	9.6	8.3	8.7	11.6	6.8	9.1
31	---	---	---	10.5	8.7	9.3	---	---	---	10.8	7.5	9.0
MONTH	12.9	8.5	9.7	11.5	8.2	9.7	11.1	7.4	9.3	12.1	6.1	8.7

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

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	10.9	8.1	9.2	8.5	6.6	7.6	9.3	8.0	8.5	7.2	5.6	6.1
2	10.6	8.0	9.3	9.7	6.5	7.6	8.9	3.9	6.9	8.2	5.6	6.9
3	10.8	7.8	9.2	8.8	6.5	7.8	7.9	6.7	7.2	8.4	3.2	6.9
4	10.4	6.5	8.6	8.6	6.5	7.5	7.8	6.5	7.0	8.7	2.8	7.3
5	9.9	6.6	7.8	9.7	6.4	7.5	7.9	3.6	6.4	9.0	7.7	8.1
6	11.3	7.2	8.3	8.3	6.3	7.0	8.3	3.4	6.2	9.6	7.7	8.5
7	10.1	6.2	8.2	7.8	6.1	6.9	9.4	5.4	8.2	9.7	8.3	8.9
8	11.4	6.5	8.5	8.1	6.2	6.9	8.7	3.3	6.5	9.5	8.4	8.9
9	9.7	6.7	8.2	7.8	5.4	6.4	8.0	4.4	7.1	9.4	8.4	8.8
10	10.4	6.2	8.3	10.0	5.6	7.1	8.8	6.7	7.6	9.5	2.1	7.7
11	10.9	6.3	8.0	8.8	6.0	7.3	8.4	6.7	7.4	9.6	2.3	8.1
12	10.3	6.6	8.2	6.9	5.7	6.3	8.6	6.7	7.5	9.8	8.3	8.8
13	10.8	6.2	8.5	6.9	5.4	6.0	8.3	6.5	7.3	9.8	8.5	9.0
14	10.0	6.1	7.9	6.5	4.9	5.7	8.4	6.5	7.3	9.2	3.5	8.6
15	10.1	6.7	8.1	8.1	5.4	6.6	8.6	4.2	6.8	9.7	8.9	9.1
16	10.9	6.7	7.9	10.5	6.7	8.2	8.4	5.3	7.4	9.9	8.8	9.1
17	10.7	4.8	7.3	9.8	4.9	8.0	8.5	7.0	7.5	9.8	7.4	9.0
18	10.0	6.5	8.0	9.6	4.4	7.4	9.1	3.1	7.1	9.2	8.2	8.8
19	11.6	6.8	8.7	9.8	4.8	7.6	9.1	3.8	7.2	9.6	8.6	8.9
20	8.3	6.9	7.7	10.6	7.7	8.6	8.4	6.5	7.2	9.4	8.6	8.9
21	8.7	6.7	7.6	10.7	7.5	8.5	8.1	6.4	7.1	---	---	---
22	11.0	6.4	8.3	8.8	7.4	7.9	8.8	2.7	6.6	---	---	---
23	9.8	6.3	8.0	8.5	6.8	7.7	9.0	4.9	7.2	9.7	8.9	9.2
24	9.6	6.2	7.4	8.8	7.4	8.0	9.7	2.2	7.7	9.6	2.5	8.6
25	9.5	5.6	7.7	8.8	6.6	7.9	8.9	3.7	8.0	9.5	9.0	9.2
26	8.8	6.6	7.8	9.2	7.7	8.3	8.9	7.8	8.2	9.3	2.4	8.4
27	9.0	6.7	7.6	9.3	8.0	8.5	8.4	7.0	8.0	9.1	8.3	8.8
28	8.5	6.7	7.5	9.3	8.0	8.5	8.7	5.6	6.9	9.5	7.9	9.0
29	8.5	6.7	7.4	9.3	8.0	8.5	8.1	5.3	6.4	9.7	8.8	9.1
30	8.5	6.6	7.3	9.0	7.5	8.3	6.4	5.5	5.9	9.8	8.8	9.1
31	---	---	---	9.1	6.9	8.1	6.6	5.6	6.0	---	---	---
MONTH	11.6	4.8	8.1	10.7	4.4	7.6	9.7	2.2	7.2	---	---	---

## SANTEE RIVER BASIN

02168504 SALUDA RIVER BELOW LK MURRAY DAM NR COLUMBIA, SC--Continued

## PRECIPITATION RECORDS

PERIOD OF RECORD.--June 1990 to September 2002.

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	0.00	0.00	0.00	0.00	0.03	1.35	0.00	0.00	0.05	0.00
2	0.00	0.01	0.00	0.00	0.00	1.38	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.05	0.00	0.00	0.00	0.00
4	0.00	0.00	0.19	0.40	0.00	0.00	0.00	0.77	---	0.00	0.00	0.00
5	0.00	0.00	0.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.06	0.00	0.00	0.60	1.77	0.00	0.00	0.00	0.07	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.42	0.00	0.00	0.00	0.01	0.00	0.00	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	0.12
9	0.00	0.00	0.00	0.00	0.00	0.11	0.39	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.79	0.00	0.18	0.00	1.84	0.00	0.00	0.10	0.00	0.00
11	0.00	0.00	0.00	---	0.00	0.00	0.09	4.61	0.00	0.00	0.00	0.00
12	0.00	0.00	0.05	---	0.00	0.32	0.56	0.05	0.00	0.00	0.00	0.00
13	0.00	0.00	0.02	0.00	0.00	0.11	0.00	0.81	0.00	0.01	0.00	0.06
14	0.09	0.00	0.00	0.01	0.00	0.00	0.00	0.09	0.16	0.28	0.00	1.99
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.74	0.35
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.32	0.00
17	0.00	0.00	0.41	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.12	0.09
18	0.00	0.00	0.00	0.00	0.60	0.00	0.01	1.08	0.00	0.00	0.07	---
19	0.00	0.00	0.00	0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---
20	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	---
21	0.00	0.00	0.00	0.33	0.00	0.55	0.00	0.00	0.04	0.00	0.00	---
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---
23	0.00	0.77	0.00	0.06	0.00	0.00	0.00	0.00	0.44	1.76	0.00	---
24	0.00	0.03	0.02	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00
25	0.00	0.00	0.00	0.28	0.01	0.00	0.24	0.00	0.07	0.00	1.13	0.06
26	0.00	0.00	0.00	0.00	0.03	0.05	0.00	0.00	1.37	0.06	0.04	0.33
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.57
28	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.87	0.00
29	0.00	0.00	0.00	0.01	---	0.00	0.00	0.00	0.01	0.00	0.01	0.00
30	0.00	0.00	0.00	0.00	---	1.12	0.00	1.02	0.01	0.00	0.37	0.00
31	0.00	---	0.00	0.00	---	0.36	---	0.00	---	0.19	0.12	---
TOTAL	0.15	0.83	1.48	---	3.15	4.10	3.16	9.88	---	2.40	4.08	---



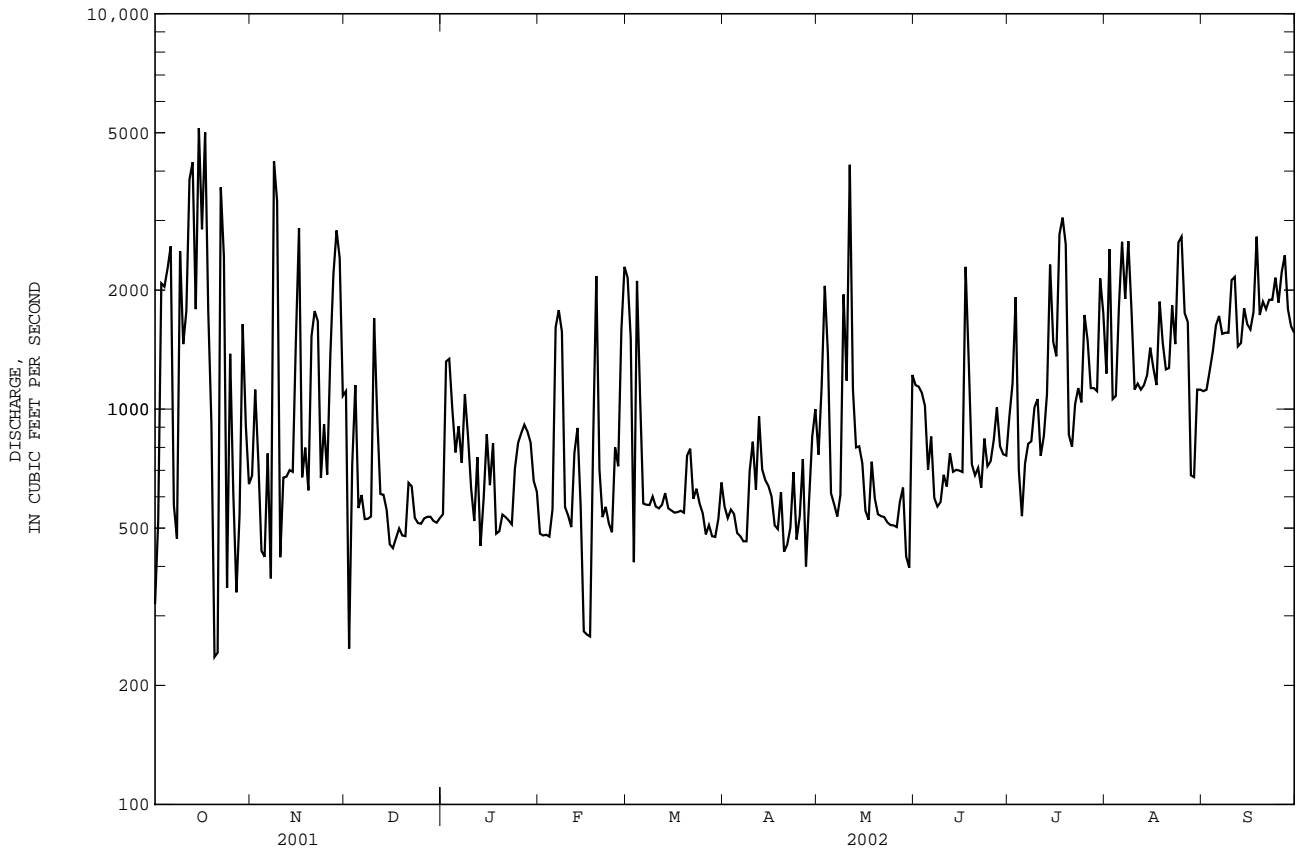


SANTEE RIVER BASIN

02169000 SALUDA RIVER NEAR COLUMBIA, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1925 - 2002	
ANNUAL TOTAL	359023		394822		2794	
ANNUAL MEAN	984		1082		5431	
HIGHEST ANNUAL MEAN					1936	
LOWEST ANNUAL MEAN					815	
HIGHEST DAILY MEAN	5340	Aug 9	5140	Oct 15	62300	Oct 2 1929
LOWEST DAILY MEAN	236	Oct 20	236	Oct 20	12	Jul 13 1930
ANNUAL SEVEN-DAY MINIMUM	362	May 22	483	Dec 14	21	Aug 28 1930
MAXIMUM PEAK FLOW			12900	May 11	a 67000	Oct 2 1929
MAXIMUM PEAK STAGE			6.96	May 11	15.22	Oct 2 1929
INSTANTANEOUS LOW FLOW			214	Dec 3	11	Jul 13 1930
ANNUAL RUNOFF (CFSM)	0.39		0.43		1.11	
ANNUAL RUNOFF (INCHES)	5.30		5.83		15.06	
10 PERCENT EXCEEDS	2080		2130		6240	
50 PERCENT EXCEEDS	613		767		1910	
90 PERCENT EXCEEDS	423		483		414	

a From rating curve extended above 36,000 ft<sup>3</sup>/s.



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

REMARKS.--Temperature records rated excellent. Dissolved oxygen records rated good except for Oct. 1-10, Nov. 24-28, Jan. 10-18, Feb. 6-8, Mar. 24-29, Apr. 22-30, May 1, 18-31, June 1-5, 8-11, and Sep. 16-30, which are poor.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 29.5°C, June 15, 1989; minimum, 6.5°C, Jan. 27, Feb. 13, 1988.

DISSOLVED OXYGEN: Maximum, 14.4 mg/L, Feb. 28, 1994; minimum, 1.5 mg/L, Aug. 31, 1989.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 20.8°C, Sep. 18; minimum, 8.8°C, Feb. 7.

DISSOLVED OXYGEN: Maximum, 11.9 mg/L, Aug. 7; minimum, 3.2 mg/L, Oct. 12, Nov. 9.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	17.1	16.0	16.5	17.0	15.8	16.5	17.6	16.4	17.0	12.4	11.8	12.1
2	18.5	16.2	17.3	17.2	16.4	16.9	16.4	15.9	16.1	12.0	10.6	11.4
3	18.5	15.2	16.7	17.9	17.1	17.4	16.6	15.3	15.6	11.8	11.1	11.5
4	17.2	15.2	15.7	17.5	16.8	17.2	16.4	15.1	15.7	12.3	11.0	11.6
5	16.9	15.1	15.6	16.8	16.0	16.4	16.8	15.9	16.3	11.3	10.6	11.0
6	16.5	15.1	15.6	16.0	14.9	15.5	16.7	16.0	16.4	11.2	10.4	10.9
7	16.4	15.2	15.8	15.6	15.0	15.3	16.5	16.0	16.3	10.4	9.7	10.1
8	16.7	15.6	16.1	17.1	14.6	15.9	16.8	15.8	16.4	11.5	10.0	10.7
9	16.5	15.3	15.9	17.3	15.5	16.1	16.9	16.1	16.5	11.2	10.2	10.7
10	16.8	16.1	16.5	15.5	14.9	15.2	16.2	14.8	15.4	12.2	10.9	11.6
11	17.4	15.3	16.6	15.5	14.5	15.1	15.5	15.1	15.2	13.0	11.8	12.4
12	16.1	15.2	15.5	15.5	14.9	15.2	15.5	15.1	15.3	12.4	10.9	11.6
13	16.3	15.2	15.6	14.9	14.4	14.7	15.7	15.4	15.5	11.0	10.5	10.8
14	16.9	15.6	16.4	15.0	14.4	14.7	16.7	15.7	16.1	10.5	9.8	10.1
15	17.5	15.8	16.5	15.9	14.9	15.4	16.8	15.7	16.2	11.5	10.3	10.8
16	17.4	15.3	16.5	16.3	15.4	15.9	15.7	14.7	15.0	10.9	10.3	10.6
17	17.7	15.9	16.9	15.8	15.0	15.5	15.6	14.3	14.9	11.5	10.0	10.8
18	17.0	15.7	16.4	15.7	15.3	15.5	16.3	15.5	15.9	11.9	11.0	11.4
19	16.5	15.1	15.7	16.4	15.5	16.0	15.6	14.6	15.1	11.8	11.4	11.6
20	16.6	15.7	16.2	16.1	15.6	15.9	14.7	13.9	14.3	11.4	10.7	11.1
21	17.3	16.5	16.7	16.2	15.0	15.6	13.9	13.0	13.6	11.1	10.5	10.8
22	18.7	16.5	17.6	16.0	14.2	15.3	14.1	13.5	13.9	11.0	10.2	10.7
23	18.0	16.5	16.9	15.4	15.0	15.2	14.1	13.2	13.6	11.0	10.3	10.7
24	17.9	16.3	17.0	16.8	15.2	16.1	15.0	14.1	14.5	12.4	10.8	11.6
25	19.5	17.2	18.3	17.2	16.5	16.9	14.1	12.7	13.2	12.2	11.1	11.5
26	17.2	15.9	16.9	17.0	16.0	16.8	13.0	12.2	12.7	11.1	10.0	10.4
27	15.9	14.9	15.1	17.1	15.9	16.3	12.3	11.5	12.0	10.8	10.0	10.5
28	15.5	14.0	14.8	16.9	15.9	16.3	12.7	11.7	12.2	11.1	10.6	10.9
29	16.9	14.4	15.7	17.0	15.8	16.3	13.6	12.5	13.1	11.5	10.6	11.0
30	16.5	15.4	16.0	17.1	16.1	16.5	13.3	12.4	12.9	12.3	11.3	11.8
31	16.0	15.3	15.7	---	---	---	12.4	11.7	12.0	12.8	11.8	12.3
MONTH	19.5	14.0	16.3	17.9	14.2	15.9	17.6	11.5	14.8	13.0	9.7	11.1



02169000 SALUDA RIVER NEAR COLUMBIA, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	9.4	8.6	8.9	9.7	8.4	9.0	8.1	6.6	7.5	10.8	9.6	10.2
2	9.4	8.3	8.8	9.9	8.0	9.1	7.4	6.5	6.9	10.3	9.3	9.9
3	9.1	4.0	7.4	9.9	8.4	9.1	8.7	7.4	7.9	10.4	9.3	9.9
4	8.4	4.5	5.6	9.4	8.4	8.8	9.1	6.9	8.0	11.1	10.0	10.6
5	6.3	3.6	5.3	9.1	8.0	8.3	9.4	8.4	8.9	11.1	10.2	10.6
6	5.8	3.6	4.6	9.8	7.8	8.9	9.2	8.4	8.7	10.4	9.9	10.2
7	7.1	4.7	5.6	9.4	8.1	8.5	9.3	8.3	8.7	11.0	9.9	10.4
8	7.5	5.3	6.8	9.2	4.7	6.5	9.2	8.4	8.8	11.0	10.1	10.5
9	7.0	4.1	5.6	7.1	3.2	4.8	9.3	8.3	8.8	11.3	10.2	10.8
10	9.9	4.2	7.2	7.4	4.1	5.1	8.8	7.3	8.3	11.0	10.1	10.6
11	10.1	4.1	8.3	9.4	6.8	8.4	8.9	7.2	7.9	11.1	10.0	10.5
12	7.6	3.2	4.6	9.6	8.4	8.9	8.8	8.5	8.7	11.1	10.0	10.5
13	7.6	3.7	4.6	10.1	8.9	9.4	9.0	8.3	8.6	11.0	10.0	10.5
14	8.3	5.4	6.8	9.7	8.7	9.3	9.2	8.3	8.7	11.0	10.1	10.5
15	9.2	3.7	6.2	9.6	4.8	8.9	9.3	8.3	8.9	11.2	10.1	10.6
16	8.5	3.4	5.9	7.5	3.6	4.9	9.8	8.7	9.2	11.6	10.3	10.9
17	9.7	5.0	6.6	9.7	5.0	7.7	9.8	8.9	9.4	11.4	10.5	11.0
18	7.7	5.9	6.9	10.0	8.8	9.4	9.3	8.3	8.7	10.9	10.0	10.5
19	8.4	5.7	6.7	9.8	9.0	9.3	9.5	8.3	8.9	10.5	9.7	10.1
20	7.2	5.6	6.2	9.4	5.1	8.8	9.6	8.6	9.1	10.8	9.3	10.0
21	8.6	7.2	7.8	7.6	4.6	5.5	10.0	8.8	9.4	10.4	9.6	10.0
22	9.6	3.8	7.4	8.5	5.5	6.6	10.0	9.0	9.4	10.9	9.4	10.1
23	7.8	3.7	5.5	8.6	6.2	7.8	9.8	9.1	9.4	10.5	9.6	9.9
24	7.4	5.0	5.9	9.2	8.3	8.7	9.8	8.8	9.3	10.6	9.0	9.8
25	9.6	6.4	7.5	9.0	7.9	8.5	10.2	9.0	9.5	10.4	8.8	9.6
26	9.5	6.4	8.0	9.2	5.7	8.3	10.2	9.3	9.7	11.0	9.5	10.1
27	9.6	7.9	8.6	8.2	5.3	6.1	10.4	9.4	9.9	11.0	9.4	10.1
28	10.0	9.1	9.6	8.9	4.3	6.2	10.4	9.4	9.9	11.0	9.3	10.1
29	9.7	6.2	8.0	8.5	4.7	6.3	10.4	9.3	9.8	11.1	9.3	10.2
30	10.3	8.5	9.3	8.1	5.5	6.7	10.5	9.3	9.9	11.0	9.2	10.1
31	9.7	7.9	8.7	---	---	---	10.7	9.5	10.1	10.9	9.1	10.0
MONTH	10.3	3.2	6.9	10.1	3.2	7.8	10.7	6.5	8.9	11.6	8.8	10.3
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	10.5	9.0	9.8	10.5	9.8	10.2	9.6	7.6	8.5	9.3	7.6	8.7
2	10.7	8.7	9.7	10.2	8.8	9.6	10.1	8.2	9.1	9.0	6.8	7.8
3	10.7	9.3	10.0	8.8	8.2	8.5	10.1	8.5	9.3	9.4	7.6	8.3
4	10.8	9.4	10.1	10.3	8.0	9.1	10.2	8.5	9.2	8.8	7.8	8.4
5	11.1	9.5	10.4	11.2	9.6	10.4	10.8	9.0	9.9	8.9	7.6	8.2
6	10.5	9.5	9.9	10.5	9.6	10.1	10.8	9.0	9.9	9.4	7.8	8.6
7	10.7	9.4	10.1	10.5	9.3	9.9	11.0	9.1	10.0	9.3	8.1	8.7
8	---	---	---	10.4	9.2	9.8	10.7	9.2	10.0	9.3	8.0	8.7
9	---	---	---	10.4	8.9	9.6	10.3	9.0	9.6	9.9	7.9	8.8
10	---	---	---	10.5	8.9	9.7	9.7	7.8	8.9	10.2	8.0	8.9
11	---	---	---	11.2	9.0	10.0	8.9	7.4	8.1	8.7	7.6	8.1
12	---	---	---	10.5	9.3	9.8	9.5	7.6	8.7	8.8	7.5	8.2
13	---	---	---	10.3	8.9	9.6	9.4	8.1	8.7	9.0	7.9	8.4
14	11.0	9.7	10.4	11.0	9.1	10.0	9.9	8.6	9.2	8.7	7.7	8.2
15	10.6	9.8	10.2	10.9	9.0	10.0	10.1	8.7	9.4	9.6	8.4	8.9
16	10.7	10.0	10.3	10.9	9.0	10.0	9.9	8.7	9.3	9.7	8.7	9.1
17	10.6	9.7	10.1	11.1	9.1	10.1	10.0	8.6	9.3	9.5	8.6	9.1
18	11.0	9.9	10.3	10.9	8.9	9.8	10.0	8.4	9.2	8.9	7.6	8.2
19	10.0	9.1	9.5	11.2	9.3	10.1	10.2	8.5	9.2	9.3	7.3	8.2
20	10.1	9.0	9.4	10.9	9.2	10.0	10.0	8.6	9.1	10.0	8.9	9.4
21	9.9	8.5	9.2	10.1	8.9	9.4	10.1	8.1	9.1	10.1	8.9	9.6
22	10.1	8.9	9.5	11.1	8.8	10.0	9.7	8.3	9.0	10.4	9.0	9.7
23	10.2	8.9	9.5	11.6	9.6	10.6	10.6	8.5	9.5	10.6	9.1	9.8
24	10.5	9.1	9.8	11.5	9.2	10.4	10.4	9.1	9.7	10.5	9.2	9.9
25	10.2	9.3	9.9	11.3	9.5	10.5	10.3	9.1	9.8	10.7	9.1	9.9
26	10.6	8.9	9.7	11.0	9.3	10.2	11.1	8.7	10.0	10.5	9.1	9.8
27	10.2	9.0	9.6	11.4	8.9	10.2	10.7	9.7	10.1	10.8	9.1	9.9
28	10.9	9.4	10.1	11.5	9.3	10.4	10.3	9.0	9.7	10.9	8.9	9.8
29	---	---	---	11.3	9.8	10.6	10.6	8.4	9.7	10.4	9.0	9.7
30	---	---	---	10.5	8.9	9.7	10.4	8.6	9.5	9.9	8.6	9.2
31	---	---	---	9.5	7.7	8.6	---	---	9.7	9.7	7.9	8.7
MONTH	---	---	---	11.6	7.7	9.9	11.1	7.4	9.4	10.9	6.8	8.9

## SANTEE RIVER BASIN

02169000 SALUDA RIVER NEAR COLUMBIA, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

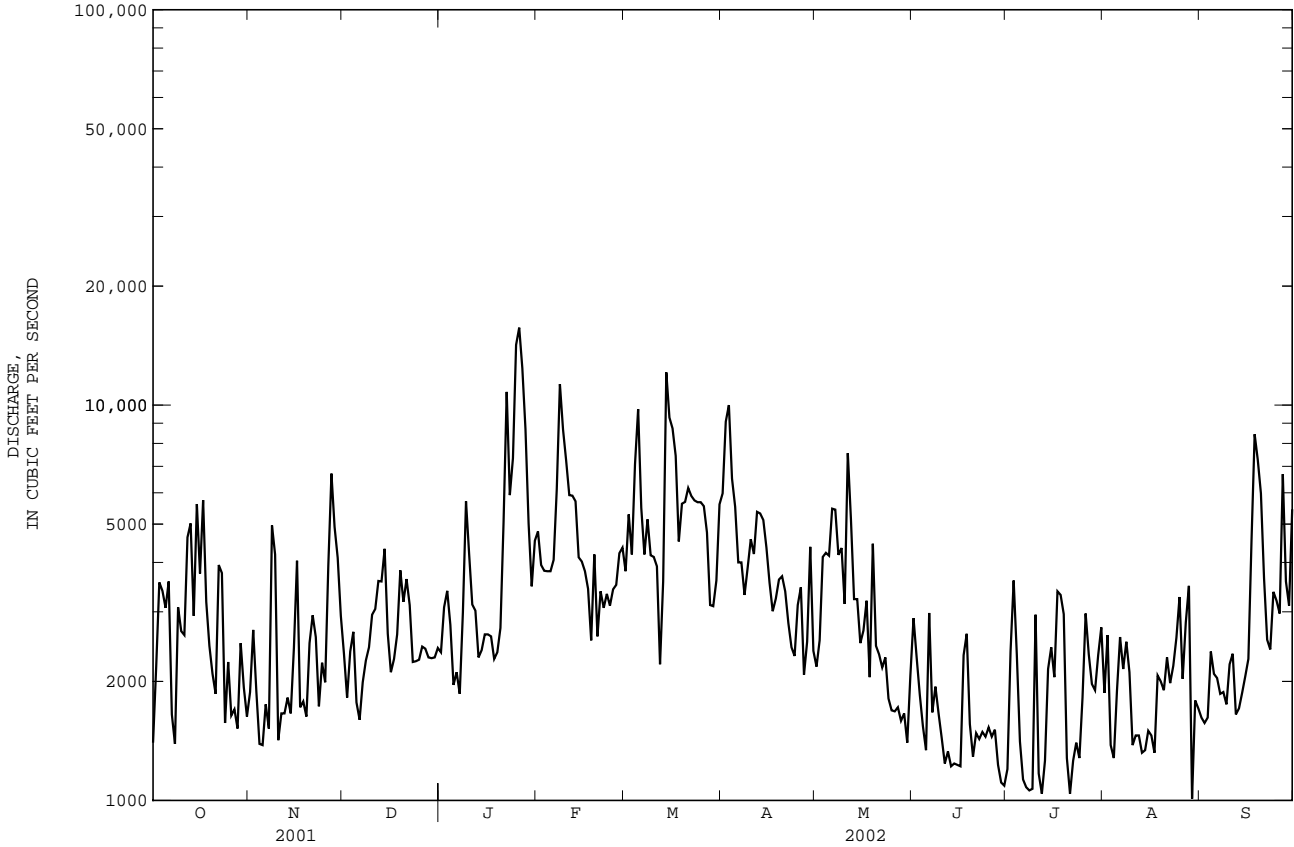
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	10.7	8.3	9.5	11.1	7.8	9.4	10.5	8.3	9.3	8.9	7.0	7.8
2	10.7	8.4	9.6	11.5	8.3	9.6	11.1	5.9	8.4	9.4	7.2	8.3
3	10.8	8.3	9.6	11.0	8.3	9.8	10.8	6.3	8.5	10.3	7.5	8.8
4	10.5	8.3	9.5	11.0	8.6	9.8	10.7	8.2	9.5	10.3	6.2	8.2
5	10.8	8.6	9.5	11.0	8.4	9.6	11.0	6.9	8.8	10.3	6.6	8.5
6	10.5	8.1	9.4	10.9	8.0	9.4	11.1	6.4	8.1	10.1	7.6	8.8
7	10.6	8.7	9.7	10.9	7.9	9.4	11.9	6.7	9.8	10.4	7.8	9.0
8	10.9	8.9	9.9	11.3	8.0	9.7	11.5	5.3	8.8	10.5	7.8	9.1
9	10.9	9.1	10.1	11.3	8.1	9.7	10.8	5.9	8.0	10.5	7.8	9.1
10	10.6	9.2	9.9	10.5	7.2	9.0	11.2	6.7	9.1	10.6	4.9	8.3
11	---	---	---	11.0	7.8	9.3	11.2	8.2	9.7	10.5	4.9	7.4
12	---	---	---	10.5	8.0	9.3	11.2	7.9	9.6	9.9	5.2	7.9
13	---	---	---	10.7	7.6	9.2	11.4	8.1	9.7	10.4	7.6	8.9
14	---	---	---	10.9	6.0	8.8	10.5	7.7	9.2	9.2	6.8	8.1
15	---	---	---	9.8	6.0	7.9	10.9	7.8	9.1	9.1	6.7	7.9
16	---	---	---	10.1	7.4	8.8	10.3	7.0	8.5	9.4	7.6	8.3
17	---	---	---	10.9	6.5	8.7	9.7	7.6	8.7	9.7	7.8	8.7
18	---	---	---	9.7	5.5	7.6	11.6	5.5	8.4	8.3	6.6	7.1
19	---	---	---	9.7	5.6	6.9	10.8	5.5	7.9	9.0	7.0	8.0
20	---	---	---	10.3	6.5	8.5	10.7	5.9	8.3	8.9	7.3	8.2
21	---	---	---	10.2	8.1	9.2	10.8	7.3	9.0	9.1	7.3	8.1
22	---	---	---	10.3	8.1	9.2	11.0	5.3	8.4	9.3	7.2	8.2
23	---	---	---	10.4	8.0	9.1	10.5	5.1	7.6	9.2	7.3	8.2
24	---	---	---	10.2	7.3	8.8	10.9	3.9	8.6	8.0	6.5	7.4
25	---	---	---	10.7	6.9	9.3	9.0	3.9	6.8	8.9	7.5	8.0
26	---	---	---	10.3	6.2	8.4	10.1	7.4	8.5	8.8	7.4	8.0
27	9.6	7.2	8.4	11.1	8.4	9.8	9.4	7.5	8.3	8.2	5.0	6.9
28	10.3	7.3	8.8	11.1	8.4	9.8	8.0	6.5	7.2	9.4	7.3	8.4
29	10.6	8.0	9.3	11.0	8.4	9.8	7.7	5.2	6.3	9.8	7.9	8.8
30	10.7	8.0	9.3	11.2	6.9	9.2	8.0	6.9	7.5	10.0	7.9	8.9
31	---	---	---	11.1	7.3	8.9	8.2	6.9	7.5	---	---	---
MONTH	---	---	---	11.5	5.5	9.1	11.9	3.9	8.5	10.6	4.9	8.2



SANTEE RIVER BASIN

02169500 CONGAREE RIVER AT COLUMBIA, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1940 - 2002	
ANNUAL TOTAL	1268280		1184590		8946	
ANNUAL MEAN	3475		3245		15130	
HIGHEST ANNUAL MEAN					1965	
LOWEST ANNUAL MEAN					3245	
HIGHEST DAILY MEAN	27500	Mar 31	15700	Jan 26	150000	Oct 11 1976
LOWEST DAILY MEAN	1190	Sep 14	1010	Aug 29	662	Oct 18 1954
ANNUAL SEVEN-DAY MINIMUM	1520	Sep 12	1270	Jun 10	964	Oct 15 1954
MAXIMUM PEAK FLOW			20500	Jan 22	155000	Oct 11 1976
MAXIMUM PEAK STAGE			8.59	Jan 22	29.74	Oct 11 1976
ANNUAL RUNOFF (CFSM)	0.44		0.41		1.14	
ANNUAL RUNOFF (INCHES)	6.01		5.61		15.48	
10 PERCENT EXCEEDS	5660		5680		16100	
50 PERCENT EXCEEDS	2790		2600		6580	
90 PERCENT EXCEEDS	1560		1410		2880	



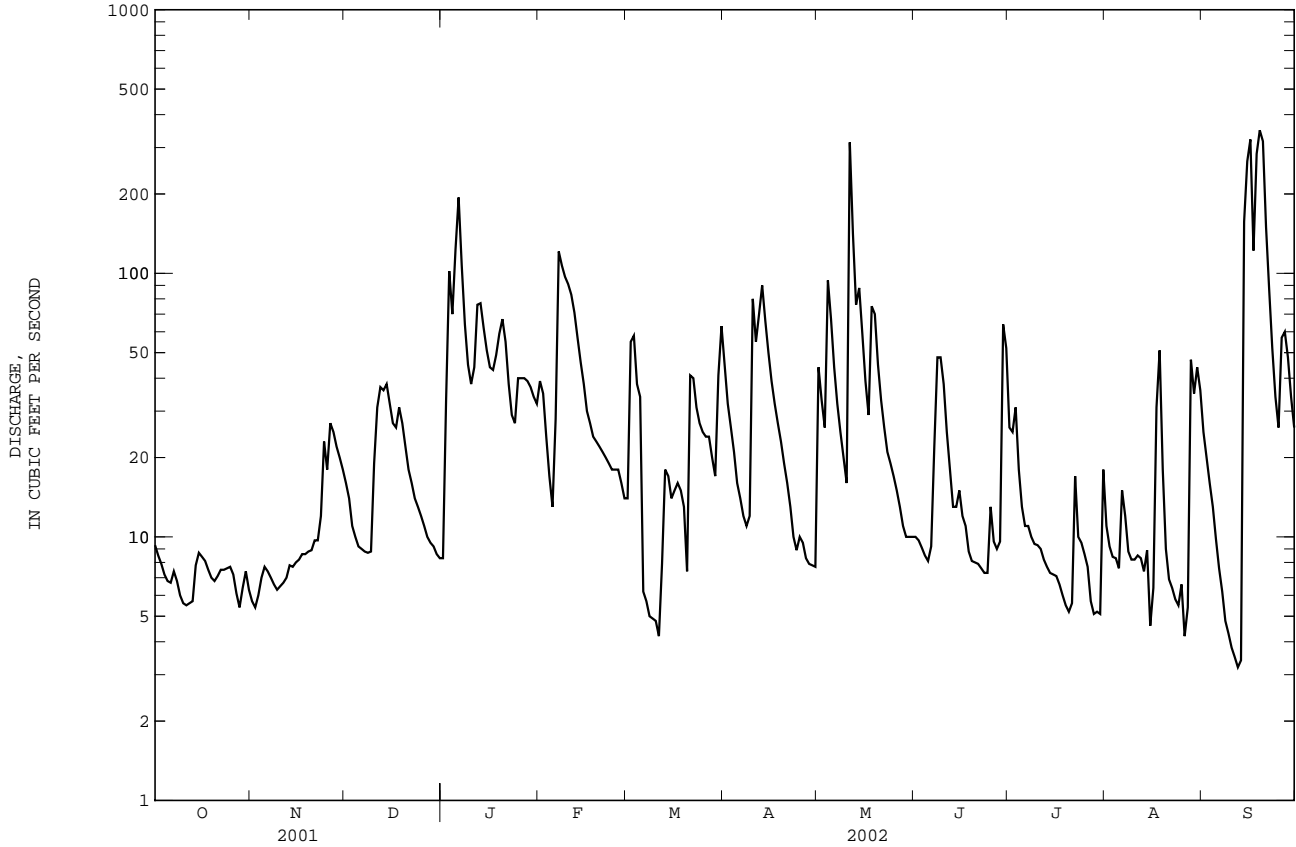




SANTEE RIVER BASIN

02169570 GILLS CREEK AT COLUMBIA, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1967 - 2002	
ANNUAL TOTAL	14751.5		10897.4		74.3	
ANNUAL MEAN	40.4		29.9		130	
HIGHEST ANNUAL MEAN					29.9	
LOWEST ANNUAL MEAN					1730	
HIGHEST DAILY MEAN	451	Jul 4	349	Sep 19	1730	Aug 20 1986
LOWEST DAILY MEAN	5.4	Oct 28	3.2	Sep 12	1.6	Aug 1 1983
ANNUAL SEVEN-DAY MINIMUM	6.1	Oct 7	4.2	Sep 7	1.9	Jul 30 1983
MAXIMUM PEAK FLOW			602	May 11	2880	Feb 24 1979
MAXIMUM PEAK STAGE			5.38	May 11	9.43	Jul 24 1997
ANNUAL RUNOFF (CFSM)	0.68		0.50		1.25	
ANNUAL RUNOFF (INCHES)	9.21		6.80		16.94	
10 PERCENT EXCEEDS	93		64		151	
50 PERCENT EXCEEDS	25		15		47	
90 PERCENT EXCEEDS	7.6		6.3		15	



02169625 CONGAREE RIVER WEST OF WISE LAKE NEAR GADSDEN, SC

LOCATION.--Lat 33°48'38'', long 80°52'02'', Richland County, Hydrologic Unit 03050110, on left bank at the southwest boundary of the Congaree Swamp National Monument, and at mile 150.7.

DRAINAGE AREA.--8,290 mi<sup>2</sup>, 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, 18.41 ft, Jan. 18, 1995, (from floodmarks); minimum gage height, undetermined.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 13.11 ft, Jan. 27; minimum gage height, 0.62 ft, July 9.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.06	---	2.66	2.29	4.93	4.02	5.91	2.62	2.59	0.83	2.81	1.77
2	1.13	---	2.19	2.35	4.79	4.63	6.87	2.78	2.58	1.45	1.63	1.56
3	1.89	2.10	2.01	3.37	3.95	5.04	10.09	3.37	2.35	3.09	2.72	1.48
4	3.45	---	2.72	3.30	4.02	5.03	7.44	5.10	1.64	3.01	1.23	1.84
5	3.09	---	2.11	2.56	4.01	7.69	5.99	4.16	1.30	2.12	1.04	2.37
6	3.28	---	1.46	1.96	3.68	8.30	5.24	5.14	1.92	1.16	1.75	2.04
7	3.07	---	1.63	2.30	5.35	5.04	4.14	5.62	2.39	0.72	2.94	1.95
8	1.18	---	1.98	2.03	8.50	4.82	3.84	5.46	1.70	0.73	1.72	1.80
9	1.00	4.65	2.14	4.25	9.57	4.97	3.80	4.21	1.98	0.66	2.80	1.80
10	3.52	3.79	2.37	5.39	8.33	4.20	4.23	4.20	1.36	1.72	1.83	1.57
11	1.80	1.39	3.31	---	6.46	4.15	4.67	4.86	1.23	2.20	1.14	2.20
12	2.80	1.42	3.32	---	5.96	3.51	4.96	8.29	0.99	0.79	1.17	2.28
13	4.62	1.41	3.74	2.99	6.21	2.73	5.48	5.15	1.01	0.82	1.10	1.56
14	4.81	1.53	4.06	2.47	5.17	6.07	5.47	4.06	0.92	1.04	0.98	1.73
15	2.74	1.43	3.78	2.52	4.22	10.70	5.16	3.35	0.96	2.58	0.99	2.54
16	5.29	2.99	2.37	2.77	4.25	8.49	4.15	3.09	0.88	2.08	1.36	2.94
17	4.23	3.33	2.30	2.61	3.84	8.29	3.61	3.45	0.87	2.19	1.10	3.61
18	5.29	1.60	2.36	2.54	3.05	5.84	3.45	2.63	2.91	3.48	1.23	---
19	2.64	1.53	3.07	2.30	3.33	4.97	3.61	3.47	2.17	3.40	2.16	---
20	2.57	1.51	3.71	2.56	3.76	5.62	3.56	4.24	1.17	2.80	1.97	---
21	1.71	2.79	3.35	3.38	3.02	6.08	3.79	2.66	1.13	1.04	2.09	6.00
22	1.43	2.65	3.59	6.62	3.42	6.00	3.40	2.49	1.27	0.78	1.81	3.87
23	4.95	2.32	2.76	8.97	3.39	5.97	2.73	2.37	1.17	0.97	2.00	2.94
24	2.40	1.69	2.23	---	3.20	5.78	2.42	2.26	1.18	1.19	2.13	3.08
25	1.24	2.02	2.17	---	3.28	5.66	2.65	1.65	1.36	0.97	3.70	3.89
26	2.00	2.25	2.23	12.43	3.43	5.66	3.65	1.68	1.28	2.47	2.32	3.58
27	1.19	4.91	2.28	12.62	3.67	5.41	2.76	1.62	1.34	2.76	2.07	4.86
28	1.27	6.14	2.34	10.40	4.48	4.44	2.15	1.70	1.27	2.09	3.93	6.13
29	---	4.56	2.15	7.37	---	2.95	3.88	1.59	0.90	1.95	2.78	3.34
30	---	4.27	2.16	4.64	---	3.40	3.17	1.44	0.88	1.57	1.39	4.71
31	---	---	2.22	4.14	---	4.61	---	1.65	---	2.75	1.89	---
MEAN	---	---	2.61	---	4.69	5.49	4.41	3.43	1.49	1.79	1.93	---
MAX	---	---	4.06	---	9.57	10.70	10.09	8.29	2.91	3.48	3.93	---
MIN	---	---	1.46	---	3.02	2.73	2.15	1.44	0.87	0.66	0.98	---

## SANTEE RIVER BASIN

02169672 CEDAR CREEK AT CEDAR CREEK HUNT CLUB NEAR GADSDEN, SC

LOCATION.--Lat 33°48'58'', long 80°49'39'', Richland County, Hydrologic Unit 03050110, on left bank at Cedar Creek Hunt Club, 4.1 miles southwest of Gadsden, 500 ft north of Wise Lake in the Congaree Swamp National Monument.

DRAINAGE AREA.--71.0 mi<sup>2</sup>.

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, 12.56 ft, Jan. 18, 1995; minimum gage-height, 0.98 ft, Sep. 6, 1997.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 4.90 ft, Jan. 27; minimum gage height, 1.19 ft, Aug. 27, 28.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.20	2.22	2.54	2.45	2.71	2.38	3.45	2.32	1.91	2.04	---	2.55
2	2.17	2.25	2.51	2.45	2.66	2.59	3.24	2.92	1.83	1.89	1.53	2.39
3	2.14	2.28	2.48	2.63	2.77	3.22	3.05	2.73	1.79	2.12	1.50	2.23
4	2.14	2.30	2.46	2.76	2.66	3.27	2.93	2.60	1.76	2.07	1.48	2.10
5	2.13	2.36	2.46	2.79	2.76	3.17	2.63	2.63	1.73	1.96	1.47	1.99
6	2.16	2.35	2.46	2.90	2.72	3.01	2.51	2.50	1.74	1.92	1.47	1.90
7	2.18	2.30	2.46	3.07	3.40	2.87	2.44	2.37	1.79	1.83	1.47	1.82
8	2.16	2.27	2.46	3.08	3.65	2.77	2.40	2.30	1.80	1.74	1.44	1.77
9	2.16	2.27	2.46	3.00	2.81	2.68	2.38	2.24	1.81	1.69	1.43	1.74
10	2.16	2.28	2.46	2.90	2.61	2.65	2.50	2.16	1.81	1.67	1.42	1.71
11	2.16	2.29	2.58	2.82	2.41	2.56	2.68	2.76	1.80	---	1.41	1.61
12	2.16	2.30	2.67	2.78	2.26	2.54	2.72	3.35	1.80	---	1.40	1.54
13	2.16	2.30	2.71	3.00	2.15	2.73	2.80	3.65	1.75	---	1.40	1.52
14	2.20	2.31	2.67	2.98	2.05	2.72	2.83	3.50	1.71	---	1.40	1.59
15	2.26	2.33	2.68	2.91	1.98	2.86	2.75	3.04	1.73	---	1.41	1.95
16	2.26	2.35	2.61	2.83	1.96	2.80	2.65	2.72	1.77	1.75	1.40	2.36
17	2.23	2.36	2.58	2.76	1.93	2.52	2.55	2.47	1.80	1.74	1.47	2.39
18	2.21	2.37	2.54	2.70	1.98	2.44	2.47	2.40	1.75	1.72	1.47	2.41
19	2.22	2.38	2.49	2.64	2.24	2.44	2.41	2.55	1.68	1.70	1.45	2.46
20	2.22	2.40	2.48	2.71	2.36	2.44	2.36	2.56	1.65	1.69	1.44	2.43
21	2.21	2.40	2.49	2.73	2.48	2.68	2.28	2.52	1.63	1.69	1.44	2.34
22	2.22	2.40	2.49	2.76	2.48	2.92	2.23	2.42	1.62	1.68	1.42	2.25
23	2.24	2.41	2.48	2.86	2.45	2.88	2.20	2.31	1.64	1.67	1.41	2.16
24	2.23	2.60	2.47	4.28	2.41	2.81	2.28	2.21	1.67	---	1.38	2.09
25	2.22	2.68	2.51	4.02	2.41	2.76	2.48	2.12	1.89	---	1.28	2.05
26	2.21	2.66	2.49	4.26	2.38	2.72	2.37	2.03	1.88	---	1.20	2.38
27	2.20	2.62	2.46	4.72	2.38	2.74	2.22	1.93	1.91	---	1.20	2.55
28	2.19	2.59	2.45	4.46	2.38	2.64	2.11	1.84	1.91	---	1.33	2.52
29	2.20	2.56	2.52	3.50	---	2.56	2.01	1.80	1.89	---	1.35	2.42
30	2.21	2.56	2.51	2.89	---	2.55	1.90	1.83	2.05	---	1.91	2.29
31	2.21	---	2.46	2.74	---	2.76	---	1.91	---	---	2.47	---
MEAN	2.19	2.39	2.52	3.08	2.48	2.73	2.53	2.47	1.78	---	---	2.12
MAX	2.26	2.68	2.71	4.72	3.65	3.27	3.45	3.65	2.05	---	---	2.55
MIN	2.13	2.22	2.45	2.45	1.93	2.38	1.90	1.80	1.62	---	---	1.52

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 mi<sup>2</sup>, 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, 79.51 ft, Jan. 27; minimum gage height, 72.29 ft, Jan. 8, 9, may have been lower during periods of missing record.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	73.95	73.31	73.31	---	74.64	74.46	76.41	75.55	74.82	73.65	72.96	---
2	73.86	73.29	73.02	---	74.51	74.42	76.84	75.50	74.87	73.60	72.83	---
3	73.92	73.48	73.00	72.57	74.19	74.89	77.75	75.41	74.76	73.76	72.74	---
4	74.12	73.29	72.99	73.02	73.82	74.68	78.13	75.66	74.79	73.95	72.66	---
5	74.31	73.14	73.00	72.89	73.83	75.59	77.53	75.81	74.67	73.73	72.51	---
6	74.26	73.10	72.99	72.53	74.42	77.03	77.08	75.84	74.55	73.57	72.50	---
7	74.31	73.09	---	72.35	74.99	76.44	76.51	76.09	74.76	73.49	72.61	---
8	74.05	73.08	---	72.35	75.88	75.57	76.23	76.11	74.63	73.36	72.71	---
9	73.78	73.63	---	72.60	77.54	75.45	75.96	75.94	74.54	73.31	72.53	---
10	73.92	73.95	---	73.95	77.51	74.99	75.95	75.76	74.48	73.21	72.62	---
11	74.14	73.32	---	74.01	77.02	74.78	76.15	75.69	74.42	73.43	72.48	---
12	73.86	73.06	---	73.25	76.41	74.78	76.20	76.68	74.34	73.27	72.46	---
13	74.36	73.06	---	73.06	76.36	74.63	76.42	76.72	74.25	73.14	---	---
14	74.77	73.04	73.16	72.79	76.26	74.79	76.54	75.93	74.11	73.08	---	---
15	74.28	73.02	73.34	72.62	75.67	76.75	76.55	75.81	74.04	73.14	---	---
16	74.49	73.02	---	72.66	75.20	77.10	76.37	75.62	73.99	73.36	---	---
17	74.44	73.48	---	72.73	74.76	77.21	76.15	75.63	73.96	73.17	---	72.63
18	74.82	73.14	---	72.65	74.39	77.04	76.15	75.59	74.09	73.35	---	73.51
19	74.51	73.02	---	72.54	74.04	76.36	76.03	75.31	74.28	73.39	---	75.60
20	73.88	73.01	---	72.52	74.49	76.23	75.99	75.71	74.05	73.36	---	75.86
21	73.81	73.02	---	72.88	74.14	76.37	75.87	75.49	73.95	73.12	---	75.57
22	73.75	73.17	---	74.25	74.02	76.83	75.77	75.29	73.90	72.88	---	74.40
23	74.00	73.05	---	76.75	73.94	76.85	75.68	75.16	73.93	72.85	---	73.23
24	74.40	73.02	---	76.69	73.94	77.05	75.64	75.15	73.93	72.86	---	72.77
25	73.69	73.01	---	77.03	73.94	76.97	75.56	75.06	73.94	72.81	---	72.96
26	73.46	73.00	---	78.84	74.01	76.66	75.63	75.01	73.95	72.75	---	73.24
27	73.45	73.20	---	79.42	73.77	76.51	75.75	74.98	73.89	73.04	---	73.22
28	73.32	74.25	---	79.29	74.05	76.27	75.47	74.93	73.78	72.93	---	74.47
29	73.32	74.17	---	78.56	---	75.81	75.40	74.85	73.69	72.78	73.10	74.03
30	73.42	73.69	---	76.77	---	75.56	75.79	74.80	73.66	72.65	---	73.11
31	73.41	---	---	75.04	---	75.71	---	74.75	---	72.65	---	---
MAX	74.82	74.25	---	---	77.54	77.21	78.13	76.72	74.87	73.95	---	---
MIN	73.32	73.00	---	---	73.77	74.42	75.40	74.75	73.66	72.65	---	---

## 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 mi<sup>2</sup>.

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, 76.15 ft, Apr. 4, 2001; minimum gage height, 70.34 ft, Jan. 6, 19, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 75.04 ft, Apr. 17, 18; minimum gage height, 70.34 ft, Jan. 6, 19.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY OBSERVATION AT 2400 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	73.40	72.70	71.81	70.84	71.71	72.66	74.26	74.82	74.31	73.18	71.88	71.08
2	73.38	72.61	71.81	70.78	71.92	72.79	74.32	74.74	74.20	73.14	71.87	71.08
3	73.33	72.57	71.74	70.59	71.82	72.66	74.37	74.81	74.31	73.07	71.84	71.02
4	73.33	72.56	71.68	70.66	71.69	72.64	74.52	74.80	74.28	73.03	71.77	70.96
5	73.33	72.56	71.66	70.67	71.78	72.83	74.58	74.95	74.21	72.97	71.72	70.93
6	73.34	72.45	71.58	70.59	71.95	72.91	74.70	74.92	74.09	73.00	71.78	70.95
7	73.34	72.32	71.56	70.52	71.92	72.95	74.76	74.90	74.20	72.99	71.64	70.87
8	73.38	72.27	71.52	70.56	72.10	73.06	74.72	74.87	74.08	72.92	71.56	70.76
9	73.24	72.28	71.61	70.49	72.26	73.08	74.69	74.90	74.07	72.86	71.49	70.64
10	73.20	72.29	71.41	70.56	72.39	73.06	74.81	74.89	74.02	72.69	71.41	70.61
11	73.19	72.27	71.43	70.60	72.48	73.18	74.84	74.92	73.99	72.75	71.36	70.55
12	73.12	72.30	71.42	70.62	72.51	73.17	74.85	74.94	73.88	72.73	71.31	70.61
13	73.18	72.16	71.43	70.63	72.60	73.13	74.88	75.01	73.78	72.72	71.31	70.52
14	73.14	72.14	71.42	70.56	72.74	73.22	74.97	74.92	73.73	72.57	71.34	70.54
15	73.11	72.02	71.45	70.55	72.69	73.30	74.98	74.94	73.62	72.57	71.27	70.67
16	72.93	72.00	71.44	70.52	72.65	73.33	75.00	74.93	73.62	72.55	71.23	70.58
17	73.08	72.01	71.39	70.52	72.64	73.51	75.01	74.84	73.58	72.49	71.18	70.60
18	73.12	71.96	71.34	70.52	72.77	73.56	74.99	74.82	73.61	72.39	71.09	70.62
19	73.08	71.98	71.30	70.58	72.85	73.71	74.98	74.86	73.54	72.32	71.09	70.76
20	73.03	71.98	71.26	70.55	72.86	73.68	74.92	74.82	73.60	72.41	71.06	70.81
21	73.04	71.94	71.21	70.50	72.77	73.72	74.85	74.77	73.55	72.36	71.07	70.87
22	72.99	71.89	71.26	70.59	72.75	73.79	74.76	74.66	73.54	72.35	70.97	70.86
23	72.98	71.86	71.24	70.70	72.68	73.84	74.86	74.60	73.50	72.31	70.87	70.86
24	73.01	71.95	71.09	70.82	72.73	73.90	74.93	74.60	73.48	72.25	70.90	70.83
25	72.88	71.87	71.18	70.96	72.72	73.96	74.77	74.55	73.41	72.19	70.90	70.94
26	72.77	71.85	71.00	71.05	72.54	74.05	74.87	74.52	73.42	72.07	70.88	71.04
27	72.73	71.77	71.02	71.28	72.36	74.05	74.82	74.54	73.34	72.00	70.95	70.91
28	72.78	71.81	70.96	71.50	72.54	74.13	74.75	74.47	73.26	72.00	70.98	71.00
29	72.69	71.89	70.84	71.68	---	74.11	74.64	74.37	73.20	71.91	71.05	71.03
30	72.68	71.87	70.88	71.79	---	74.13	74.74	74.38	73.26	71.86	71.09	70.98
31	72.68	---	70.80	71.83	---	74.24	---	74.33	---	71.87	71.06	---
MEAN	73.08	72.14	71.35	70.79	72.41	73.43	74.77	74.75	73.76	72.53	71.29	70.82
MAX	73.40	72.70	71.81	71.83	72.86	74.24	75.01	75.01	74.31	73.18	71.88	71.08
MIN	72.68	71.77	70.80	70.49	71.69	72.64	74.26	74.33	73.20	71.86	70.87	70.52

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 mi<sup>2</sup>, 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 ft<sup>3</sup> between elevations 60.0 ft (limit of drawdown) and 76.8 ft (maximum normal lake elevation). Dead storage, about 17,070,000,000 ft<sup>3</sup>. 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, 75.10 ft, May 13; minimum elevation, 70.41 ft, Sep. 13.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY OBSERVATION AT 2400 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	73.42	72.60	71.80	70.79	71.86	72.57	74.23	74.76	74.25	73.16	71.84	71.06
2	73.39	72.61	71.76	70.82	71.78	72.80	74.32	74.76	74.20	73.12	71.81	71.05
3	73.35	72.57	71.74	70.79	71.88	72.89	74.40	74.71	74.18	73.07	71.79	70.99
4	73.31	72.55	71.70	70.72	71.76	72.77	74.42	74.83	74.16	73.02	71.75	70.92
5	73.30	72.50	71.68	70.65	71.78	72.78	74.54	74.80	74.14	72.99	71.66	70.89
6	73.31	72.45	71.61	70.70	71.93	72.89	74.51	74.85	74.09	72.93	71.52	70.87
7	73.28	72.36	71.55	70.64	72.07	72.96	74.61	74.86	74.03	72.94	71.54	70.78
8	73.21	72.29	71.54	70.57	72.08	73.01	74.64	74.86	73.99	72.85	71.51	70.77
9	73.21	72.28	71.43	70.54	72.19	73.11	74.67	74.85	73.98	72.81	71.42	70.71
10	73.18	72.31	71.55	70.56	72.40	73.09	74.73	74.79	74.01	72.71	71.39	70.62
11	73.12	72.25	71.42	70.61	72.44	73.09	74.74	74.79	73.95	72.71	71.36	70.53
12	73.10	72.20	71.41	70.65	72.54	73.13	74.77	74.88	73.84	72.71	71.31	70.50
13	73.11	72.15	71.40	70.61	72.59	73.13	74.80	74.97	73.77	72.67	71.24	70.49
14	73.19	72.12	71.42	70.58	72.61	73.18	74.88	74.91	73.68	72.60	71.28	70.49
15	73.10	72.06	71.41	70.58	72.68	73.23	74.95	74.86	73.68	72.60	71.25	70.58
16	73.17	72.02	71.39	70.54	72.82	73.33	74.96	74.87	73.64	72.52	71.20	70.58
17	73.08	72.02	71.47	70.54	72.78	73.43	74.98	74.81	73.54	72.45	71.16	70.56
18	73.11	72.00	71.37	70.50	72.78	73.49	74.94	74.81	73.52	72.38	71.13	70.58
19	73.09	72.02	71.40	70.52	72.75	73.60	74.95	74.78	73.51	72.33	71.05	70.69
20	73.05	71.96	71.29	70.53	72.82	73.66	74.90	74.77	73.53	72.29	71.03	70.75
21	73.05	71.94	71.23	70.56	72.77	73.72	74.88	74.72	73.44	72.31	70.98	70.79
22	73.01	71.89	71.19	70.57	72.73	73.70	74.85	74.63	73.46	72.32	70.96	70.82
23	72.97	71.82	71.22	70.67	72.72	73.77	74.84	74.59	73.44	72.30	70.91	70.80
24	73.01	71.84	71.20	70.80	72.71	73.85	74.85	74.59	73.42	72.25	70.80	70.77
25	73.00	71.86	71.19	70.84	72.66	73.89	74.80	74.55	73.38	72.17	70.91	70.73
26	72.89	71.82	71.20	71.02	72.82	73.94	74.79	74.53	73.35	72.09	70.90	70.89
27	72.81	71.77	71.08	71.24	72.60	73.95	74.77	74.46	73.33	72.03	70.89	70.95
28	72.75	71.77	70.98	71.47	72.55	74.02	74.76	74.39	73.27	71.99	70.94	70.92
29	72.69	71.83	70.97	71.65	---	74.11	74.71	74.36	73.20	71.94	70.99	70.94
30	72.68	71.84	70.87	71.76	---	74.13	74.72	74.37	73.19	71.85	71.07	70.93
31	72.66	---	70.86	71.81	---	74.22	---	74.32	---	71.87	71.09	---
MAX	73.42	72.61	71.80	71.81	72.82	74.22	74.98	74.97	74.25	73.16	71.84	71.06
MIN	72.66	71.77	70.86	70.50	71.76	72.57	74.23	74.32	73.19	71.85	70.80	70.49
(+)	30.42	27.68	24.50	27.58	30.05	35.63	37.30	35.97	32.19	27.78	25.17	24.68
(*)	-1049	-1057	-1187	+1150	+1021	+2083	+644	-497	-1458	-1647	-974	-189
CAL YR 2001	*	-85.9	MAX 76.02	MIN 70.86								
WTR YR 2002	*	-271	MAX 74.98	MIN 70.49								

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

## SANTEE RIVER BASIN

02171001 SANTEE RIVER AT LAKE MARION TAILRACE NEAR PINEVILLE, SC

LOCATION.--Lat 33°26'58'', long 80°09'50'', Berkeley County, Hydrologic Unit 03050112, below Lake Marion Wilson Dam, at right downstream end of spillway about 300 ft below dam, 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 mi<sup>2</sup>, 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, 32.87 ft, Apr. 1, 2001; minimum gage height, 25.39 ft, July 24, 2000.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 27.47 ft, Sep. 10; minimum gage height, 26.25 ft, Feb. 18.

## GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	26.83	26.74	26.78	26.77	26.69	26.73	26.68	26.62	26.64	26.71	26.64	26.68
2	26.80	26.73	26.76	26.76	26.68	26.72	26.68	26.62	26.64	26.75	26.65	26.69
3	26.80	26.72	26.76	26.75	26.68	26.71	26.69	26.63	26.66	26.75	26.67	26.72
4	26.80	26.72	26.77	26.77	26.68	26.72	26.72	26.62	26.66	26.75	26.63	26.69
5	26.81	26.74	26.77	26.81	26.69	26.73	26.68	26.63	26.65	26.67	26.62	26.64
6	26.81	26.72	26.78	27.00	26.58	26.75	26.69	26.63	26.66	27.01	26.61	26.70
7	26.82	26.76	26.80	26.78	26.65	26.71	26.68	26.63	26.65	26.77	26.64	26.69
8	26.83	26.73	26.77	26.73	26.66	26.70	26.68	26.62	26.65	26.73	26.66	26.69
9	26.84	26.74	26.78	26.74	26.68	26.71	26.70	26.63	26.65	26.74	26.66	26.70
10	26.99	26.74	26.83	26.74	26.67	26.71	26.73	26.64	26.67	26.72	26.65	26.68
11	26.80	26.72	26.77	26.75	26.66	26.71	26.72	26.64	26.68	26.72	26.65	26.68
12	26.81	26.72	26.76	26.79	26.68	26.72	26.67	26.62	26.65	26.72	26.65	26.69
13	26.80	26.72	26.76	26.96	26.69	26.77	26.67	26.61	26.64	26.73	26.67	26.70
14	26.80	26.73	26.76	26.86	26.67	26.77	26.67	26.61	26.64	26.73	26.67	26.70
15	26.80	26.73	26.76	26.89	26.65	26.76	26.68	26.62	26.65	26.73	26.67	26.70
16	26.83	26.74	26.77	26.72	26.62	26.66	26.69	26.63	26.66	26.75	26.66	26.70
17	26.83	26.76	26.80	26.69	26.61	26.64	26.69	26.63	26.66	26.73	26.65	26.70
18	26.81	26.74	26.79	26.68	26.61	26.65	26.72	26.64	26.67	26.72	26.65	26.69
19	26.80	26.72	26.77	26.66	26.61	26.64	26.70	26.64	26.67	26.76	26.66	26.70
20	26.77	26.73	26.75	26.68	26.60	26.64	26.71	26.65	26.68	26.74	26.67	26.70
21	26.78	26.73	26.75	26.68	26.62	26.65	26.71	26.63	26.67	26.74	26.66	26.70
22	26.78	26.72	26.75	26.69	26.61	26.65	26.69	26.63	26.66	26.74	26.66	26.70
23	26.78	26.72	26.74	26.67	26.61	26.64	26.69	26.63	26.66	26.72	26.65	26.68
24	26.77	26.72	26.74	26.66	26.61	26.64	26.68	26.62	26.65	26.70	26.65	26.67
25	26.78	26.72	26.74	26.67	26.60	26.64	26.69	26.63	26.66	26.73	26.64	26.69
26	26.81	26.72	26.77	26.66	26.60	26.63	26.72	26.64	26.67	26.74	26.66	26.70
27	26.82	26.74	26.78	26.67	26.61	26.64	26.72	26.66	26.69	26.72	26.65	26.69
28	26.82	26.75	26.79	26.69	26.61	26.64	26.70	26.63	26.67	26.71	26.65	26.68
29	26.80	26.72	26.76	26.68	26.61	26.64	26.68	26.63	26.65	26.73	26.65	26.68
30	26.78	26.72	26.75	26.68	26.62	26.65	26.70	26.64	26.66	26.73	26.66	26.69
31	26.78	26.72	26.75	---	---	---	26.68	26.63	26.66	26.73	26.66	26.69
MONTH	26.99	26.72	26.77	27.00	26.58	26.69	26.73	26.61	26.66	27.01	26.61	26.69





## SANTEE RIVER BASIN

02171500 SANTEE RIVER NEAR PINEVILLE, SC

LOCATION.--Lat 33°27'15", long 80°08'30", Berkeley County, Hydrologic Unit 03050112, on right bank 2.4 mi downstream from Lake Marion Dam, 3.0 mi upstream from Dead River, 6.7 mi west of Pineville, and at mile 85.0.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--May 1942 to current year.

GAGE.--Data collection platform. Datum of gage is 22.83 ft above NGVD of 1929 (from South Carolina Geodetic Survey benchmark). Prior to Feb. 25, 1943, nonrecording gage at site 2.2 mi upstream of temporary water-stage recorder operated by U.S. Army Corps of Engineers, at site 200 ft upstream, at different datum. One additional gage is used for computation of discharge at this station, which is located 2.4 mi upstream at Lake Marion Tailrace (see sta 02171001).

REMARKS.--Records poor. Discharge records for 1987-2002 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 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	660	644	616	625	628	631	637	622	625	602	619	650
2	656	640	616	629	637	629	641	634	622	606	620	642
3	654	638	620	637	635	621	628	618	625	604	623	639
4	656	640	620	630	646	622	632	622	635	604	622	633
5	655	643	619	615	645	626	636	633	635	606	621	632
6	657	651	620	633	655	636	638	626	632	607	595	632
7	662	638	618	630	645	637	638	637	634	610	621	633
8	654	634	617	630	644	619	634	618	618	608	622	634
9	656	637	619	634	633	615	625	620	613	607	623	635
10	670	637	623	628	631	642	627	619	610	606	624	641
11	648	635	625	627	632	628	628	623	608	608	621	601
12	647	639	616	630	633	634	631	622	606	613	622	638
13	646	654	615	632	640	629	626	633	604	611	624	630
14	647	656	616	632	661	628	628	648	605	609	628	629
15	655	652	617	631	638	627	625	641	608	608	628	638
16	657	e615	620	633	631	633	623	661	607	607	628	636
17	666	e615	620	631	637	631	630	626	608	605	629	638
18	663	e615	625	629	624	632	632	635	611	606	632	628
19	657	e615	625	633	631	631	628	644	615	607	630	630
20	651	e615	626	633	633	632	625	633	621	608	629	633
21	652	e615	624	631	631	631	621	628	621	612	629	631
22	650	618	621	631	631	630	673	631	622	611	628	631
23	647	615	620	627	632	633	635	617	626	605	629	637
24	647	614	617	625	639	632	625	617	641	609	628	635
25	648	614	621	628	632	630	626	615	685	612	636	634
26	655	613	623	632	623	630	624	616	645	613	637	641
27	658	614	628	628	697	625	623	616	612	616	636	e602
28	663	614	623	627	635	624	642	619	601	615	636	e588
29	653	615	620	628	---	632	636	623	602	615	642	e598
30	650	616	623	629	---	633	620	625	601	611	642	e600
31	649	---	621	628	---	628	---	625	---	615	649	---
TOTAL	20289	18861	19234	19516	17879	19511	18937	19447	18598	18876	19453	18869
MEAN	654	629	620	630	639	629	631	627	620	609	628	629
MAX	670	656	628	637	697	642	673	661	685	616	649	650
MIN	646	613	615	615	623	615	620	615	601	602	595	588

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1942 - 2002, BY WATER YEAR (WY)

	1941	837	1452	2592	4047	5404	4210	1291	974	706	826	1273
MEAN	1941	837	1452	2592	4047	5404	4210	1291	974	706	826	1273
MAX	27160	6745	17290	20400	36010	23690	19470	14820	10120	6185	8034	25500
(WY)	1965	1948	1949	1946	1960	1975	1973	1958	1973	1943	1967	1945
MIN	430	447	456	436	481	362	481	477	479	401	450	445
(WY)	1950	1953	1980	1991	1959	1947	1947	1947	1981	1942	1982	1982

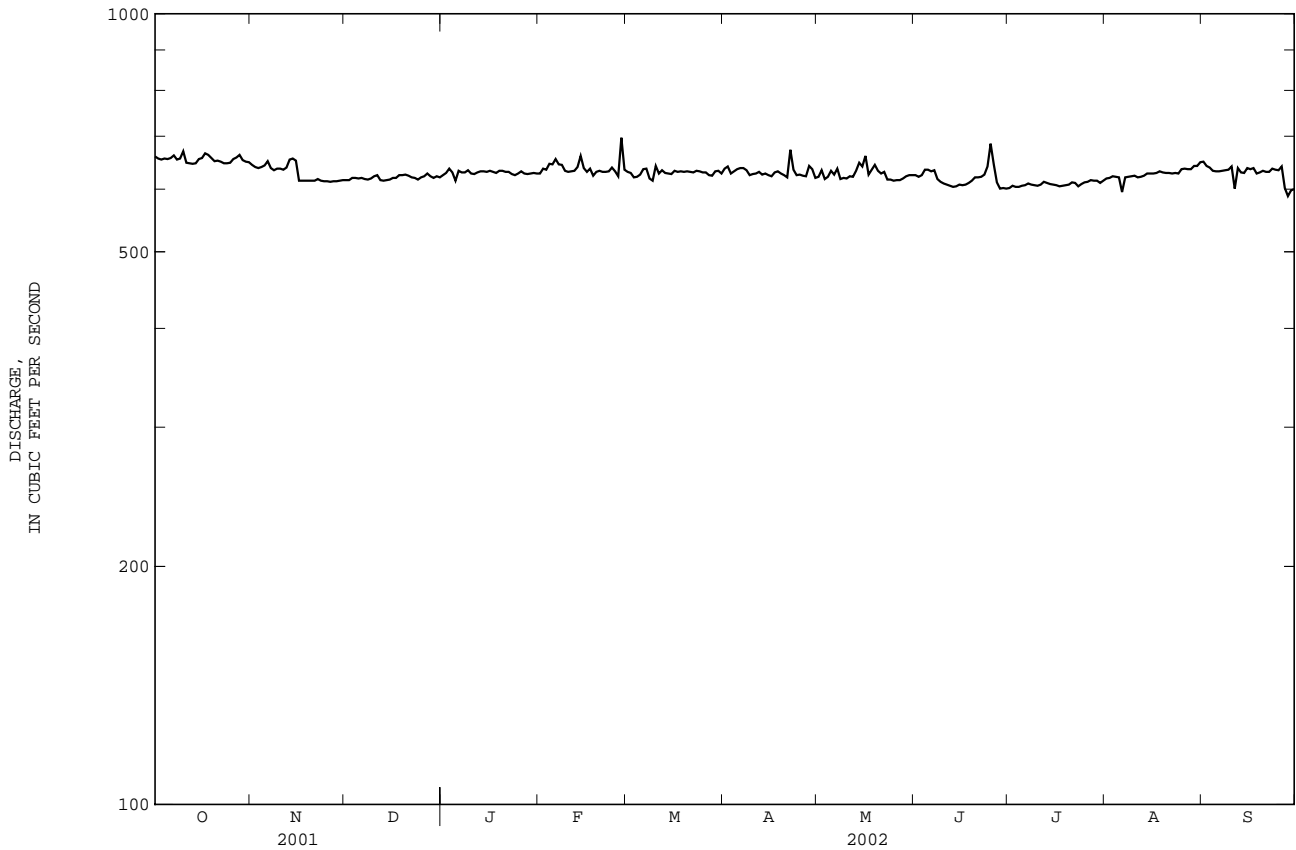
02171500 SANTEE RIVER NEAR PINEVILLE, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1942 - 2002	
ANNUAL TOTAL	229026		229470		2118	
ANNUAL MEAN	627		629		7682	
HIGHEST ANNUAL MEAN					1960	
LOWEST ANNUAL MEAN					491	
HIGHEST DAILY MEAN	1500	Apr 1	697	Feb 27	153000	Sep 22 1945
LOWEST DAILY MEAN	582	Mar 6	588	Sep 28	a 9	Feb 23 1947
ANNUAL SEVEN-DAY MINIMUM	589	Jun 28	603	Jun 28	25	Feb 17 1947
MAXIMUM PEAK FLOW					b 155000	Sep 23 1945
MAXIMUM PEAK STAGE			2.55 Sep 10		31.10	Sep 23 1945
10 PERCENT EXCEEDS	651		648		1500	
50 PERCENT EXCEEDS	619		628		545	
90 PERCENT EXCEEDS	598		610		487	

a Caused by repair work at spillway at Lake Marion.

b From rating curve extended above 13,000 ft<sup>3</sup>/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 excellent except for Oct. 5 to Oct. 18, Nov. 20 to Jan. 7, Feb. 16 to Mar. 14, and July 1 to Aug. 14, which are good. pH records rated good except for Mar. 14 to Mar. 25, which are poor. Temperature records rated excellent. Dissolved oxygen records rated fair except for Oct. 11 to Oct. 18, Dec. 8 to Feb. 6, Feb. 19 to Mar. 14, Apr. 2, 3, May 10 to May 21, July 2 to July 18, Aug. 25 to Sep. 12, and Sep. 27 to Sep. 30, which are poor. Dissolved oxygen concentrations are not corrected for salinity.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 338 microsiemens, Sep. 26, 2002; minimum, 122 microsiemens, June 16, 2001.

pH: Maximum, 8.6 units, May 3, 2001; minimum, 5.5 units, Aug. 19, 24-27, 2001.

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, 338 microsiemens, Sep. 26; minimum, 135 microsiemens, several days during October, November, August, September.

pH: Maximum, 8.1 units, July 20; minimum, 5.9 units, Oct. 29.

WATER TEMPERATURE: Maximum, 31.7°C, July 20; minimum, 6.1°C, Jan. 9.

DISSOLVED OXYGEN: Maximum, 15.6 mg/L, Jan. 9; minimum, 3.6 mg/L, Apr. 17, 18.

## SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	154	135	143	184	135	157	157	143	149	151	139	142
2	162	138	144	185	135	158	156	145	148	174	139	147
3	160	136	145	185	148	162	180	144	150	181	139	152
4	148	139	142	184	135	162	159	144	148	155	140	145
5	153	137	140	184	148	158	166	144	149	151	144	147
6	156	139	144	172	135	152	154	142	145	168	148	154
7	148	139	142	197	135	160	149	142	145	157	147	150
8	149	140	142	172	135	156	156	143	147	153	149	150
9	169	139	146	184	147	158	156	143	147	157	146	150
10	155	139	144	185	135	156	149	141	143	161	146	151
11	229	145	173	172	148	155	153	142	145	154	149	151
12	168	143	153	172	135	150	153	139	144	152	148	150
13	188	142	156	209	135	159	154	142	145	155	148	150
14	176	144	153	185	135	158	157	142	145	151	147	149
15	163	144	151	173	135	155	158	141	146	155	147	149
16	160	144	149	173	147	155	168	141	147	161	146	151
17	159	145	149	244	144	159	158	143	147	159	150	152
18	160	135	150	182	146	152	150	138	143	154	149	151
19	172	135	154	155	146	148	151	141	145	161	149	152
20	172	135	155	165	144	148	146	138	141	156	149	151
21	184	135	153	157	143	147	152	141	145	155	149	152
22	197	135	164	152	145	147	165	138	146	158	149	151
23	172	147	163	151	144	147	158	142	146	156	150	152
24	160	135	151	153	145	147	151	139	143	157	150	152
25	172	147	156	148	145	147	147	139	141	161	150	153
26	172	135	152	154	142	147	164	140	143	159	148	151
27	172	135	151	161	143	148	148	139	141	159	150	153
28	160	135	151	160	145	149	153	139	143	160	150	153
29	295	135	183	159	142	149	151	139	142	170	150	154
30	209	135	175	160	149	153	145	138	141	159	151	153
31	197	135	164	---	---	---	147	139	142	161	152	155
MONTH	295	135	153	244	135	153	180	138	145	181	139	151



## SANTEE RIVER BASIN

02171639 REDIVERSION CANAL AT ST. STEPHENS, SC--Continued

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	6.6	6.3	6.3	6.1	6.4	6.2	6.6	6.5	7.3	6.8	7.4	7.1
2	6.7	6.3	6.3	6.2	6.4	6.2	6.7	6.3	7.5	6.9	7.3	7.1
3	6.5	6.3	6.2	6.1	6.4	6.1	6.7	6.3	7.0	6.8	7.3	7.1
4	6.4	6.2	6.5	6.1	6.3	6.1	6.7	6.5	7.2	6.8	7.3	7.1
5	7.0	6.2	6.4	6.1	6.3	6.2	6.8	6.6	7.1	6.9	7.3	7.1
6	6.5	6.3	6.5	6.2	6.3	6.1	6.6	6.5	7.2	6.9	7.4	7.1
7	6.9	6.4	6.5	6.2	6.3	6.1	6.8	6.3	7.2	7.0	7.4	7.1
8	6.8	6.4	6.4	6.3	6.3	6.2	6.7	6.6	7.1	7.0	7.4	7.0
9	6.7	6.4	6.4	6.2	6.7	6.2	6.7	6.6	7.1	7.0	7.3	6.9
10	6.7	6.4	6.4	6.2	6.6	6.4	6.8	6.6	7.1	6.9	7.3	7.0
11	6.5	6.1	6.4	6.2	6.5	6.4	6.7	6.6	7.2	7.0	7.5	7.0
12	6.4	6.2	6.5	6.3	6.5	6.3	6.7	6.6	7.2	7.0	7.4	6.9
13	6.3	6.0	6.6	6.2	6.4	6.3	6.7	6.6	7.2	7.0	7.7	6.9
14	6.2	6.1	6.6	6.3	6.4	6.2	6.8	6.6	7.2	7.1	---	---
15	6.3	6.1	6.7	6.3	6.5	6.2	6.8	6.7	7.1	7.0	7.1	6.7
16	6.3	6.2	6.7	6.4	6.4	6.3	6.8	6.6	7.1	7.0	7.2	6.6
17	6.4	6.2	6.5	6.1	6.4	6.3	6.8	6.7	7.3	7.1	7.1	6.7
18	6.5	6.3	6.6	6.3	6.6	6.3	6.9	6.8	7.2	7.0	7.1	6.7
19	6.5	6.3	6.5	6.3	6.5	6.4	6.9	6.7	7.3	7.1	7.0	6.6
20	6.5	6.3	6.5	6.3	6.6	6.4	6.9	6.8	7.3	7.0	7.2	6.7
21	6.3	6.1	6.6	6.4	6.6	6.4	6.9	6.8	7.3	7.1	7.1	6.7
22	6.4	6.1	6.5	6.4	6.7	6.4	6.9	6.8	7.3	7.1	7.4	7.0
23	6.3	6.1	6.5	6.4	6.5	6.4	6.9	6.8	7.5	7.0	7.3	7.1
24	6.2	6.2	6.4	6.3	6.6	6.4	7.0	6.7	7.5	7.1	7.3	7.1
25	6.5	6.2	6.4	6.3	6.7	6.5	6.9	6.7	7.3	7.1	7.2	6.8
26	6.6	6.3	6.4	6.2	6.6	6.4	7.0	6.8	7.2	7.1	---	---
27	6.9	6.4	6.4	6.3	6.8	6.6	6.9	6.8	7.3	7.0	---	---
28	6.9	6.5	6.5	6.3	6.7	6.5	6.9	6.7	7.3	7.2	---	---
29	6.6	5.9	6.3	6.2	6.6	6.5	6.9	6.7	---	---	---	---
30	6.4	6.1	6.2	6.1	6.7	6.5	7.0	6.9	---	---	---	---
31	6.4	6.1	---	---	6.6	6.5	7.4	6.9	---	---	---	---
MONTH	7.0	5.9	6.7	6.1	6.8	6.1	7.4	6.3	7.5	6.8	---	---
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	---	---	7.0	6.6	7.2	6.5	6.5	6.3	7.0	6.7	7.4	6.9
2	---	---	7.2	6.7	6.7	6.5	6.4	6.3	6.9	6.8	7.4	6.9
3	---	---	7.1	6.6	6.9	6.4	6.3	6.3	7.1	6.8	7.0	6.7
4	7.5	6.6	7.0	6.6	7.1	6.4	6.6	6.3	7.3	6.8	6.9	6.8
5	7.0	6.7	7.0	6.5	6.8	6.4	7.2	6.3	7.1	6.7	6.8	6.6
6	7.0	6.7	7.0	6.7	7.4	6.3	6.8	6.3	7.1	6.5	6.7	6.6
7	7.0	6.7	7.7	6.7	6.8	6.3	6.6	6.4	7.0	6.5	6.8	6.6
8	7.0	6.7	7.3	6.5	6.9	6.6	6.6	6.5	7.1	6.8	7.0	6.6
9	6.9	6.6	7.5	6.7	6.8	6.5	6.6	6.4	7.0	6.8	7.0	6.6
10	6.7	6.5	7.0	6.7	6.9	6.5	6.7	6.4	7.0	6.8	7.0	6.8
11	6.8	6.4	6.9	6.6	6.9	6.5	6.9	6.6	7.0	6.8	7.1	6.9
12	6.9	6.6	6.8	6.6	6.6	6.3	6.9	6.7	6.9	6.7	7.2	6.8
13	6.8	6.6	6.9	6.6	6.4	6.3	6.8	6.6	6.8	6.7	7.1	6.9
14	6.8	6.7	7.3	6.7	6.4	6.3	6.7	6.6	7.3	6.7	7.1	6.9
15	6.9	6.5	7.7	6.9	6.8	6.3	6.9	6.6	7.2	6.8	7.2	6.9
16	6.9	6.7	7.7	6.8	6.6	6.3	7.0	6.6	6.9	6.7	7.2	7.0
17	6.8	6.4	7.5	6.8	6.8	6.3	7.4	6.5	7.1	6.7	7.1	6.9
18	6.9	6.4	7.1	6.8	6.5	6.2	7.0	6.7	7.8	6.7	7.1	6.9
19	6.9	6.5	7.5	6.9	6.4	6.2	7.2	6.7	7.8	6.8	7.3	7.0
20	6.9	6.4	7.2	6.7	6.7	6.2	8.1	6.8	7.0	6.9	7.2	6.8
21	7.0	6.6	7.4	6.8	6.6	6.1	7.3	6.7	7.2	6.7	7.1	6.9
22	6.7	6.5	7.3	6.4	6.4	6.2	7.0	6.6	7.3	6.6	7.2	6.9
23	6.7	6.4	7.1	6.7	6.3	6.1	7.0	6.7	6.8	6.6	7.0	7.0
24	6.8	6.5	6.9	6.7	6.3	6.1	7.0	6.8	7.5	6.6	7.3	6.9
25	6.6	6.4	6.8	6.6	6.3	6.1	7.1	6.8	7.2	6.8	7.4	7.0
26	6.7	6.5	6.9	6.6	6.3	6.1	7.4	6.7	7.0	6.8	7.1	6.7
27	6.6	6.4	6.7	6.6	6.3	6.1	7.7	6.8	7.1	6.7	7.2	6.9
28	6.7	6.4	6.9	6.5	6.5	6.2	7.9	6.8	7.2	6.8	7.5	7.0
29	6.9	6.5	7.0	6.4	6.8	6.4	7.3	6.8	7.2	7.0	7.5	6.9
30	6.8	6.6	6.7	6.4	6.5	6.4	7.3	6.9	7.1	6.7	7.3	6.9
31	---	---	6.9	6.4	---	---	7.2	6.8	7.1	6.7	---	---
MONTH	---	---	7.7	6.4	7.4	6.1	8.1	6.3	7.8	6.5	7.5	6.6

02171639 REDIVERSION CANAL AT ST. STEPHENS, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	22.3	21.8	22.1	16.8	16.0	16.2	18.4	16.4	17.7	11.1	10.4	10.8
2	22.9	21.6	22.1	16.8	15.9	16.1	19.1	18.1	18.5	10.4	9.1	9.9
3	22.1	21.8	22.0	16.4	16.0	16.1	18.6	16.6	17.3	9.1	8.3	8.7
4	21.9	21.6	21.8	18.8	16.1	16.9	17.2	16.1	16.5	8.5	7.7	8.1
5	23.4	21.7	22.5	16.7	15.9	16.3	17.6	16.8	17.2	7.8	6.9	7.2
6	23.1	22.6	22.8	16.7	15.9	16.1	17.2	16.7	16.9	8.1	7.0	7.5
7	23.0	22.0	22.6	16.6	16.0	16.3	17.3	16.9	17.0	7.7	7.3	7.5
8	22.2	21.0	21.8	16.1	15.9	16.0	17.7	17.2	17.3	7.3	6.7	7.1
9	21.5	20.7	21.1	17.2	16.0	16.4	18.7	17.7	18.1	7.0	6.1	6.5
10	21.3	20.4	20.7	16.4	15.9	16.1	18.0	17.3	17.7	7.6	6.7	7.1
11	21.1	20.3	20.6	16.4	15.8	16.1	17.3	16.7	17.1	7.9	7.4	7.6
12	20.9	20.0	20.5	16.3	15.7	16.1	17.0	16.7	16.8	7.9	7.7	7.8
13	21.2	20.1	20.5	16.1	15.3	15.8	16.8	16.7	16.8	8.3	7.8	8.1
14	20.9	20.3	20.5	16.0	15.5	15.6	17.1	16.7	16.9	8.4	8.0	8.2
15	21.8	20.3	20.9	16.2	15.2	15.5	18.0	17.1	17.6	8.3	7.9	8.1
16	21.0	20.2	20.7	16.4	15.3	15.6	17.4	16.7	17.2	8.6	8.0	8.3
17	20.9	20.0	20.4	16.2	15.3	15.5	16.8	16.6	16.7	8.5	8.0	8.3
18	20.1	19.3	19.8	16.0	15.2	15.4	17.1	16.7	16.9	8.9	8.5	8.8
19	19.7	19.2	19.4	15.5	15.3	15.4	16.9	16.3	16.7	9.9	8.8	9.2
20	20.3	19.1	19.5	15.8	15.3	15.5	16.3	15.7	16.0	10.3	9.8	10.1
21	19.5	18.9	19.2	16.0	15.2	15.6	15.7	14.8	15.4	10.0	9.6	9.8
22	20.0	18.8	19.1	15.2	14.8	15.0	15.0	14.5	14.8	10.6	9.9	10.0
23	20.3	18.9	19.2	15.0	14.7	14.9	14.6	14.4	14.5	10.3	9.9	10.1
24	19.5	19.0	19.1	15.2	15.0	15.2	15.1	14.5	14.7	12.0	10.3	11.0
25	20.8	19.3	20.0	15.5	15.2	15.4	14.6	13.6	14.1	12.4	11.5	12.0
26	21.1	20.6	20.9	15.8	15.5	15.6	13.6	12.7	13.3	12.0	11.4	11.7
27	20.9	20.1	20.6	16.7	15.8	16.4	12.7	11.6	12.2	12.1	11.6	11.9
28	20.1	18.8	19.6	17.3	16.6	17.0	11.7	11.2	11.4	12.1	11.8	11.9
29	18.8	17.5	18.3	17.6	16.7	17.2	11.7	11.2	11.3	12.4	11.7	12.1
30	17.5	16.7	17.1	16.9	16.2	16.4	11.6	11.1	11.4	13.5	12.4	13.0
31	17.0	16.2	16.6	---	---	---	11.1	10.8	11.0	16.3	13.5	14.6
MONTH	23.4	16.2	20.4	18.8	14.7	15.9	19.1	10.8	15.7	16.3	6.1	9.5
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	17.2	14.9	15.8	12.9	11.8	12.3	20.9	20.1	20.5	24.2	23.5	23.8
2	17.3	16.3	16.7	12.6	11.7	12.1	21.2	19.8	20.6	24.8	23.7	24.3
3	16.5	15.0	15.8	13.7	12.6	13.2	22.1	20.5	21.3	25.0	23.8	24.4
4	15.2	14.4	14.9	13.2	11.3	12.2	21.7	20.4	20.9	24.4	23.7	24.1
5	14.5	13.2	14.0	11.9	10.8	11.3	20.6	19.7	20.3	24.4	23.2	23.7
6	13.3	12.7	13.0	12.4	11.0	11.7	20.1	19.2	19.7	24.2	22.8	23.4
7	13.0	12.6	12.8	12.9	11.4	12.2	19.9	19.0	19.4	25.3	22.8	23.8
8	13.0	12.3	12.6	12.8	11.8	12.3	19.9	18.8	19.4	25.2	24.2	24.6
9	13.8	12.2	12.6	13.9	12.0	12.9	20.4	19.4	19.9	26.4	23.9	24.9
10	13.4	12.7	12.9	14.5	13.3	13.8	20.4	19.8	20.1	25.5	25.2	25.4
11	13.7	12.5	13.1	14.0	13.0	13.5	20.0	19.3	19.7	25.9	25.1	25.5
12	13.5	12.9	13.2	13.5	12.6	13.1	20.0	19.5	19.8	25.5	25.1	25.3
13	13.4	12.9	13.2	14.8	13.4	14.1	20.4	19.6	20.1	26.3	25.2	25.8
14	13.3	12.5	12.8	15.2	14.2	14.6	20.9	19.9	20.5	26.9	26.0	26.4
15	12.8	12.3	12.5	16.3	14.3	15.2	22.5	20.5	21.3	26.9	25.7	26.2
16	12.9	12.1	12.4	18.0	14.4	16.4	23.8	22.1	23.0	26.7	25.8	26.2
17	13.4	12.0	12.6	18.8	17.7	18.2	25.0	23.1	24.0	26.4	25.6	25.9
18	12.8	11.8	12.3	17.9	16.6	17.3	25.4	23.1	24.4	25.8	24.6	25.4
19	12.6	11.5	12.1	17.9	16.7	17.3	26.0	24.7	25.4	24.6	23.3	24.0
20	13.5	12.2	12.8	19.0	17.3	18.2	26.8	25.2	26.0	23.5	22.5	23.1
21	14.4	13.3	13.8	18.8	18.1	18.5	27.4	26.0	26.7	23.2	21.4	22.6
22	13.8	13.4	13.6	18.1	17.2	17.8	26.8	25.9	26.3	21.9	20.7	21.2
23	13.5	12.7	13.1	17.9	16.9	17.4	26.0	25.2	25.6	21.2	20.5	20.9
24	13.8	12.3	12.8	18.5	17.1	17.8	26.0	24.9	25.4	21.2	20.3	20.8
25	13.3	12.3	12.9	18.4	17.5	17.9	26.0	24.9	25.5	22.0	20.9	21.4
26	14.3	12.9	13.6	18.8	17.3	18.2	25.4	24.5	24.9	23.1	22.0	22.5
27	13.9	11.9	12.9	19.3	18.6	19.0	24.7	24.1	24.4	23.6	22.4	23.0
28	12.8	11.5	12.1	19.4	18.2	18.8	25.1	23.9	24.5	24.3	22.2	22.9
29	---	---	---	19.9	18.2	19.0	24.8	24.2	24.4	23.9	22.3	23.3
30	---	---	---	19.9	19.1	19.6	24.3	23.5	24.0	23.9	23.3	23.6
31	---	---	---	20.6	19.5	20.1	---	---	---	24.8	23.6	24.2
MONTH	17.3	11.5	13.3	20.6	10.8	15.7	27.4	18.8	22.6	26.9	20.3	24.0



02171639 REDIVERSION CANAL AT ST. STEPHENS, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	8.2	6.1	7.1	8.3	7.7	8.0	8.5	7.0	7.7	11.1	10.7	10.9
2	8.8	6.4	7.7	8.3	7.6	7.8	8.0	7.1	7.5	12.6	10.9	11.2
3	8.4	6.6	7.1	7.8	7.3	7.6	8.1	6.5	7.2	12.7	11.1	11.7
4	7.0	6.1	6.5	8.7	7.1	7.6	7.9	6.4	6.8	13.0	11.9	12.4
5	9.8	6.0	7.6	8.4	7.0	7.5	7.5	6.7	7.1	13.2	12.3	12.7
6	7.6	6.7	7.1	9.1	7.4	8.1	7.3	6.6	7.0	12.6	12.4	12.6
7	8.6	6.7	7.4	9.0	7.9	8.4	7.6	6.7	7.2	13.3	12.4	12.7
8	8.0	6.7	7.3	8.7	8.1	8.3	8.2	7.2	7.7	12.9	12.6	12.7
9	7.7	6.8	7.3	8.6	8.0	8.3	8.6	7.4	7.9	15.6	12.5	14.2
10	9.2	7.0	7.7	8.4	8.0	8.3	8.8	7.7	8.0	14.5	13.0	13.4
11	7.8	6.7	7.3	8.5	8.0	8.2	8.9	7.9	8.3	13.2	12.4	12.8
12	7.7	6.5	7.0	8.6	8.0	8.3	8.6	8.0	8.2	12.9	12.4	12.6
13	7.4	6.2	6.7	9.8	8.3	9.0	8.4	7.6	8.1	12.5	12.0	12.3
14	7.1	6.2	6.6	9.4	8.5	9.0	8.3	7.7	8.0	12.3	12.0	12.1
15	7.6	6.2	6.9	9.9	8.5	9.0	8.5	7.5	8.0	12.4	11.7	12.1
16	7.6	6.5	7.1	9.8	8.6	9.1	8.4	7.8	8.1	13.4	11.3	12.1
17	8.2	7.1	7.5	9.4	8.6	9.0	8.5	8.1	8.2	12.3	11.5	12.1
18	8.3	7.3	7.8	9.5	8.6	8.9	9.8	8.1	8.9	12.1	11.8	12.0
19	8.1	7.5	7.8	9.0	8.2	8.7	9.2	8.8	9.0	12.0	11.5	11.8
20	8.1	7.1	7.5	9.0	8.2	8.6	10.2	8.8	9.3	11.6	11.2	11.4
21	7.5	6.8	7.2	9.2	8.5	8.8	9.7	9.2	9.4	11.9	11.0	11.5
22	7.9	6.7	7.2	9.3	8.8	9.0	10.7	9.3	10.0	11.6	11.2	11.4
23	7.2	6.3	6.9	9.1	8.7	8.9	9.6	9.1	9.4	11.6	11.1	11.3
24	7.0	6.3	6.6	8.9	8.5	8.7	10.0	9.0	9.5	11.3	10.0	10.7
25	7.8	6.4	6.9	8.7	8.1	8.5	10.6	9.5	9.9	10.8	10.1	10.5
26	8.3	6.6	7.4	8.6	7.7	8.2	10.4	9.7	10.0	12.1	10.3	11.1
27	8.9	7.4	7.8	8.7	7.8	8.2	11.0	10.1	10.5	11.2	10.5	10.8
28	9.0	7.5	8.1	8.9	7.7	8.1	10.9	10.5	10.7	10.7	10.2	10.5
29	8.5	7.6	8.0	7.8	7.2	7.6	11.0	10.6	10.8	10.5	10.0	10.2
30	8.5	7.8	8.1	7.5	7.1	7.3	11.1	10.6	10.7	10.2	9.6	9.9
31	8.4	7.9	8.2	---	---	---	11.0	10.7	10.8	9.9	8.2	9.1
MONTH	9.8	6.0	7.3	9.9	7.0	8.4	11.1	6.4	8.7	15.6	8.2	11.7
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	9.3	8.2	8.7	9.9	9.2	9.5	6.7	4.7	5.6	5.8	4.4	5.1
2	9.6	8.0	8.6	9.7	9.2	9.5	6.6	4.9	5.8	7.6	4.4	5.7
3	8.9	8.2	8.4	9.5	8.7	9.2	9.0	4.8	6.6	7.7	4.7	5.7
4	10.5	7.6	8.4	11.8	8.7	10.1	8.6	5.4	6.8	6.2	5.2	5.8
5	9.8	9.0	9.4	10.3	9.7	9.9	7.1	5.7	6.1	6.4	5.6	6.0
6	9.1	8.2	8.8	10.2	9.4	9.9	7.3	5.7	6.2	7.8	5.5	6.1
7	9.6	8.7	9.2	13.6	9.6	10.8	7.0	5.8	6.3	9.7	5.3	6.7
8	9.7	9.1	9.4	10.1	9.4	9.7	6.4	5.6	6.0	7.6	5.2	6.6
9	9.9	9.2	9.5	13.2	9.5	10.5	6.6	5.4	6.2	8.3	5.3	6.5
10	9.7	9.2	9.4	---	---	---	5.9	4.7	5.3	6.6	5.4	6.1
11	9.7	7.9	8.8	---	---	---	6.0	4.3	4.9	6.6	5.2	5.8
12	10.6	8.3	9.7	---	---	---	7.5	4.2	4.8	5.9	5.0	5.6
13	10.2	9.4	9.7	---	---	---	7.1	4.4	5.7	6.3	5.0	5.6
14	10.5	9.6	9.9	---	---	---	7.1	4.4	5.9	6.6	5.2	5.9
15	10.4	9.7	10.0	9.9	7.5	8.4	6.9	4.0	4.7	8.2	5.8	6.6
16	10.4	9.8	10.0	9.7	7.2	8.8	6.9	4.1	5.6	10.6	6.4	8.0
17	10.7	9.9	10.2	8.6	6.4	7.4	5.0	3.6	4.3	8.9	6.9	7.5
18	11.3	8.7	9.9	11.6	6.2	8.5	6.8	3.6	4.8	7.6	6.7	7.2
19	9.2	8.5	8.8	11.4	6.2	8.2	8.2	3.7	5.8	8.4	6.9	7.5
20	9.0	8.1	8.5	8.3	5.0	6.6	6.1	4.5	5.3	8.1	6.1	7.0
21	9.0	8.1	8.5	6.9	4.5	5.7	6.9	4.3	5.3	9.3	6.6	8.2
22	9.0	8.1	8.5	6.8	5.5	6.2	5.4	3.8	4.6	9.1	7.8	8.4
23	11.8	8.3	9.4	7.7	6.1	6.8	5.4	4.1	4.4	9.0	6.7	7.7
24	10.0	8.9	9.3	8.0	5.8	6.8	5.1	3.8	4.4	8.2	6.8	7.7
25	11.5	8.5	9.9	10.8	5.5	8.3	5.0	3.8	4.4	7.9	6.9	7.5
26	9.3	8.4	8.8	9.9	5.2	7.1	5.4	3.9	4.3	8.4	6.4	7.4
27	12.1	8.4	10.1	10.8	4.5	6.9	5.2	4.1	4.6	7.8	6.0	6.8
28	12.2	9.3	10.9	7.0	5.4	6.2	5.3	4.0	4.6	7.0	5.6	6.2
29	---	---	---	7.7	4.8	6.1	7.0	4.2	5.5	8.2	5.3	6.7
30	---	---	---	6.4	4.2	5.4	6.1	5.1	5.5	6.8	5.6	6.2
31	---	---	---	7.1	4.6	5.8	---	---	---	8.5	5.6	6.6
MONTH	12.2	7.6	9.3	---	---	---	9.0	3.6	5.3	10.6	4.4	6.7



## SANTEE RIVER BASIN

02171639 REDIVERSION CANAL AT ST. STEPHENS, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	8.7	6.1	7.6	5.8	4.6	5.2	5.5	4.3	4.8	7.8	6.5	6.8
2	7.2	5.8	6.6	5.3	4.0	4.8	5.1	4.4	4.7	7.8	6.4	6.8
3	7.9	5.5	6.4	4.5	3.9	4.2	6.5	4.7	5.3	7.1	6.2	6.6
4	8.2	5.4	6.0	6.6	4.1	4.9	7.1	5.0	5.9	6.5	5.9	6.2
5	7.4	5.2	6.5	8.1	5.0	6.2	6.5	4.8	5.4	6.0	5.0	5.6
6	8.5	4.7	6.7	7.8	5.1	6.3	6.1	4.8	5.4	5.2	4.7	5.0
7	7.2	6.0	6.6	7.0	6.0	6.5	6.1	5.0	5.5	6.0	4.7	5.0
8	7.2	6.0	6.4	7.0	5.8	6.2	6.4	5.0	5.6	---	---	---
9	6.7	5.6	6.1	6.6	5.6	6.1	6.1	5.3	5.6	---	---	---
10	6.3	5.3	5.8	7.2	5.5	6.3	6.1	5.3	5.6	---	---	---
11	7.9	5.6	6.2	7.3	6.2	6.7	6.2	5.3	5.8	---	---	---
12	6.8	5.4	6.2	7.3	6.3	6.8	5.8	4.5	5.2	---	---	---
13	6.0	4.9	5.5	7.0	6.2	6.5	5.4	4.5	4.9	5.4	4.3	4.7
14	5.6	4.9	5.3	6.5	5.6	6.1	6.9	4.6	5.4	6.1	5.1	5.7
15	7.6	4.7	5.9	7.5	5.3	6.3	6.8	5.1	5.8	6.7	5.5	6.0
16	7.0	4.7	5.6	8.6	5.0	5.8	5.7	4.3	5.1	6.3	5.6	5.9
17	7.0	4.6	5.3	8.6	4.5	5.5	6.3	4.3	4.9	6.2	5.5	5.8
18	6.6	5.4	6.1	6.3	5.5	6.0	7.3	3.8	5.6	6.0	5.3	5.6
19	5.8	5.1	5.5	6.9	5.1	5.7	7.2	5.1	6.2	7.8	5.3	6.0
20	7.5	5.4	5.9	7.4	5.0	6.0	6.2	5.4	5.9	7.0	5.2	5.9
21	7.7	5.8	6.4	6.7	5.6	6.0	6.9	4.6	5.6	6.8	5.1	5.7
22	6.9	5.9	6.3	6.8	5.2	5.7	6.9	3.7	5.1	7.2	4.8	5.7
23	6.5	5.8	6.3	6.2	4.7	5.1	5.2	3.8	4.4	5.9	5.0	5.5
24	6.5	5.4	6.0	5.8	4.6	5.2	7.3	4.1	5.3	7.1	5.3	6.2
25	6.2	5.2	5.7	6.3	4.8	5.5	6.3	5.1	5.8	7.6	5.8	6.4
26	6.0	4.5	5.2	6.9	4.8	5.6	5.9	5.0	5.6	7.2	5.9	6.4
27	5.4	4.2	4.7	6.9	5.0	5.8	6.2	5.1	5.6	8.9	5.9	7.1
28	6.2	4.4	5.3	7.8	5.0	6.0	7.2	5.4	6.2	10.6	6.8	7.8
29	7.7	5.4	6.5	6.5	5.5	6.0	7.6	6.3	6.8	8.2	7.0	7.6
30	6.3	5.3	5.9	6.4	5.2	5.7	6.9	6.4	6.6	7.5	6.5	6.8
31	---	---	---	6.0	4.8	5.2	7.1	6.4	6.7	---	---	---
MONTH	8.7	4.2	6.0	8.6	3.9	5.8	7.6	3.7	5.6	---	---	---

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. Discharge records for the 1987-2000 water years are computed by utilization of the One-Dimensional unsteady flow simulation model (BRANCH) and are poor. Flow is regulated by the St. Stephens Powerhouse and affected during low-flow by astronomical tides. 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, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e199	e0	e0	e0	e0	e324	8930	e0	76	28	e0	63
2	e848	e0	e0	e0	e0	e0	10500	e0	43	15	e0	166
3	e179	e0	e0	e766	e124	e0	9350	e0	419	40	1440	40
4	e0	e0	e0	e1030	e0	e0	16000	e0	586	43	132	68
5	e269	e0	e0	e0	e0	e739	18800	305	101	39	4	628
6	e0	e2110	e0	e0	e715	e924	16000	40	69	105	55	e0
7	e0	e0	e0	e0	e0	e906	13900	e0	84	e0	546	16
8	e0	e0	e0	e0	e0	e902	12700	e0	48	53	63	e0
9	e0	e0	e0	e0	e0	e0	13000	701	50	141	793	28
10	e663	e0	e0	e0	e0	e0	9100	47	60	97	1020	381
11	e0	e0	e0	e0	e0	e0	7190	40	49	1040	60	47
12	e0	e0	e0	e0	e715	e0	5280	64	77	194	277	e0
13	e0	e832	e0	e0	e0	e0	3410	2	42	40	73	e0
14	e0	e0	e0	e0	e0	e0	3700	81	395	60	323	e0
15	e0	e0	e0	e0	e0	e0	1970	22	2600	96	336	4
16	e0	e0	e0	e0	e0	e0	1690	35	115	57	42	88
17	e0	e0	e0	e0	e0	e0	1740	e0	37	76	90	48
18	e0	e0	e233	e0	e0	e414	587	67	9	136	49	e0
19	e0	e0	e0	e0	e0	e1100	273	49	4	91	54	e0
20	e0	e0	e129	e0	e0	520	224	28	62	3	60	66
21	e0	e0	e0	e0	e0	79	348	272	67	e0	54	775
22	e0	e0	e193	e464	e411	414	e0	68	58	e0	65	32
23	e0	e0	e0	e0	e1490	134	e556	95	151	44	66	39
24	e0	e0	e0	e0	e0	135	e0	83	103	90	37	69
25	e0	e0	e0	e0	e0	159	e0	1590	7	53	e0	73
26	e0	e0	e0	e529	e0	166	534	130	36	44	59	8
27	e0	e0	e0	e0	e0	662	1130	66	31	46	44	55
28	e0	e0	e0	e0	e782	1030	e0	e0	41	27	38	4
29	e1190	e0	e0	e0	---	785	e0	e1390	51	50	46	e0
30	e0	e0	e0	e0	---	1550	e0	97	35	113	64	e0
31	e0	---	e0	e0	---	8270	---	51	---	388	68	---
TOTAL	3348	2942	555	2789	4237	19213	156912	5323	5506	3209	5958	2698
MEAN	108	98.1	17.9	90.0	151	620	5230	172	184	104	192	89.9
MAX	1190	2110	233	1030	1490	8270	18800	1590	2600	1040	1440	775
MIN	0	0	0	0	0	0	0	0	4	0	0	0

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1987 - 2001, BY WATER YEAR (WY)

MEAN	6143	6979	11340	13770	14050	15780	12530	7580	4292	3401	5203	4729
MAX	16820	21590	24130	22410	23980	23900	24150	23930	15030	13960	23380	13080
(WY)	1996	1996	1993	1998	1998	1987	1998	1991	1992	1989	1991	1995
MIN	30.2	98.1	17.9	90.0	151	620	1225	172	18.8	1.00	6.84	4.83
(WY)	1994	2001	2001	2001	2001	2001	1988	2001	1988	1988	2000	2000

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1987 - 2001
ANNUAL TOTAL	1152944	212690	
ANNUAL MEAN	3150	583	8795
HIGHEST ANNUAL MEAN			14610
LOWEST ANNUAL MEAN			583
HIGHEST DAILY MEAN	19400	Jan 31	31200
LOWEST DAILY MEAN	0	a Jan 2	-155
ANNUAL SEVEN-DAY MINIMUM	0.00	Jun 29	0.00
MAXIMUM PEAK FLOW			31200
MAXIMUM PEAK STAGE			b 30.53
10 PERCENT EXCEEDS	13600	838	22600
50 PERCENT EXCEEDS	7.0	22	6560
90 PERCENT EXCEEDS	0.00	0.00	0.00

a Also occurred many days, several months.  
b Caused by backwater from beaverdam.

## SANTEE RIVER BASIN

02171645 REDIVERSION CANAL AT SANTEE RIVER NEAR ST. STEPHENS, SC--Continued

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	250	16	56	68	15	88	108	122	667	57	24	63
2	914	33	78	735	11	73	137	664	128	86	e0	28
3	241	56	16	454	35	84	510	452	260	51	202	26
4	49	11	24	954	714	1050	85	28	302	21	23	54
5	332	34	20	697	e0	134	121	95	80	348	83	48
6	47	2250	66	57	23	103	127	74	682	802	573	e0
7	47	203	48	63	78	339	109	725	56	14	e0	e0
8	e0	55	57	77	84	66	130	227	e0	72	e0	e0
9	e0	76	e0	821	33	131	155	1000	24	117	16	116
10	598	84	e0	49	46	162	92	131	72	20	20	131
11	70	32	92	40	90	66	5	e0	506	36	83	86
12	57	e0	44	86	389	95	173	52	88	e0	87	e0
13	79	880	84	75	28	62	202	60	68	25	79	11
14	80	e0	60	78	e0	100	190	103	46	78	120	19
15	13	e0	28	57	33	92	163	426	73	57	87	41
16	69	68	e0	427	49	68	272	960	62	474	77	52
17	84	23	87	63	153	100	128	1370	1280	1690	57	18
18	2	e0	297	61	738	662	1790	85	109	139	23	33
19	44	88	51	100	145	210	465	18	e0	29	916	4
20	120	45	246	64	114	74	153	82	14	657	56	e0
21	53	e0	74	70	78	99	911	2690	e0	880	26	e0
22	2	52	237	24	141	139	124	95	12	145	44	e0
23	45	37	64	101	115	99	118	51	44	92	40	e0
24	62	75	59	61	139	146	110	70	43	80	24	e0
25	44	96	51	41	1600	2920	89	20	57	39	77	e0
26	104	107	44	373	90	128	48	83	30	28	65	90
27	69	46	47	17	894	495	69	54	37	46	55	155
28	42	42	46	42	588	97	79	e0	3	363	16	674
29	1290	79	47	60	---	120	1550	804	41	41	48	e0
30	53	44	52	15	---	91	57	68	12	e0	53	e0
31	20	---	70	51	---	146	---	542	---	58	53	---
TOTAL	4880	4532	2145	5881	6423	8239	8270	11151	4796	6545	3027	1649
MEAN	157	151	69.2	190	229	266	276	360	160	211	97.6	55.0
MAX	1290	2250	297	954	1600	2920	1790	2690	1280	1690	916	674
MIN	0	0	0	15	0	62	5	0	0	0	0	0

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1987 - 2002, BY WATER YEAR (WY)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	5769	6552	10640	12920	13200	14810	11760	7128	4034	3201	4884	4437
MAX	16820	21590	24130	22410	23980	23900	24150	23930	15030	13960	23380	13080
(WY)	1996	1996	1993	1998	1998	1987	1998	1991	1992	1989	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

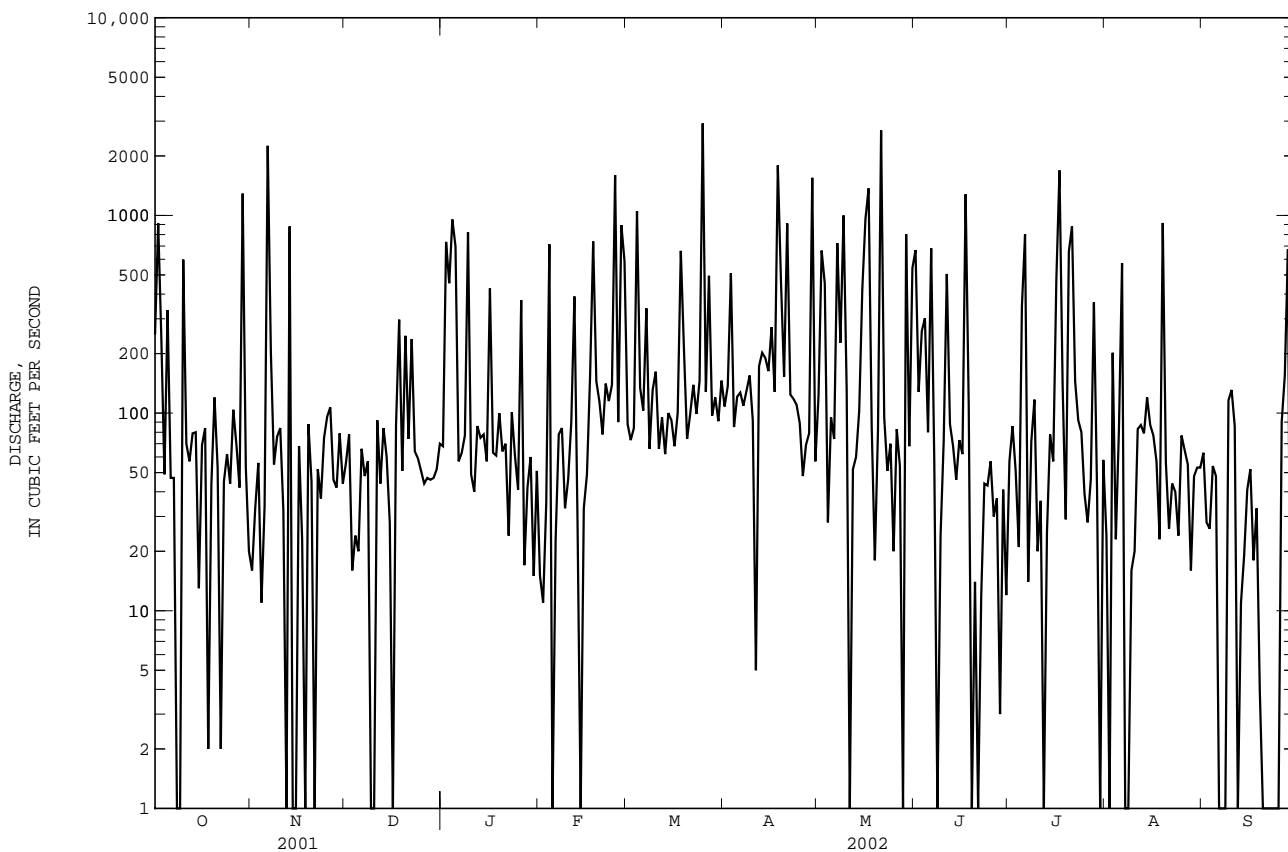
02171645 REDIVERSION CANAL AT SANTEE RIVER NEAR ST. STEPHENS, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR	FOR 2002 WATER YEAR	WATER YEARS 1987 - 2002	
ANNUAL TOTAL	217402	67538	8257	
ANNUAL MEAN	596	185	14610	1991
HIGHEST ANNUAL MEAN			185	2002
LOWEST ANNUAL MEAN			31200	Nov 17 1989
HIGHEST DAILY MEAN	18800 Apr 5	2920 Mar 25	0.00	Oct 1 1986
LOWEST DAILY MEAN	0 a Jan 1	0 a Oct 8	-155	Jun 25 1993
ANNUAL SEVEN-DAY MINIMUM	0.00 Jan 5	0.57 Sep 19	0.00	Oct 1 1986
MAXIMUM PEAK FLOW		20600 Nov 6	31200	Nov 17 1989
MAXIMUM PEAK STAGE		15.32 Mar 25	b 30.53	Mar 8 1987
10 PERCENT EXCEEDS	889	579	22500	
50 PERCENT EXCEEDS	51	69	5370	
90 PERCENT EXCEEDS	0.00	2.6	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 records for 1987-2000 water years were computed by utilization of the One-Dimensional unsteady flow simulation model (BRANCH) and are rated poor. 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.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	1270	1140	e1400	971
2	---	---	---	---	---	---	---	---	1160	1040	e1500	1060
3	---	---	---	---	---	---	---	---	1140	1050	1620	1240
4	---	---	---	---	---	---	---	---	1260	1150	1670	1400
5	---	---	---	---	---	---	---	---	1620	1050	1110	1280
6	---	---	---	---	---	---	---	---	1240	1020	1100	1630
7	---	---	---	---	---	---	---	---	1200	1120	1310	1240
8	---	---	---	---	---	---	---	---	1090	1150	1150	1190
9	---	---	---	---	---	---	---	---	1170	1120	1420	1240
10	---	---	---	---	---	---	---	---	1250	1080	1680	1160
11	---	---	---	---	---	---	---	---	1230	1140	1280	1390
12	---	---	---	---	---	---	---	---	1100	1950	967	1130
13	---	---	---	---	---	---	---	---	1010	1330	895	1220
14	---	---	---	---	---	---	---	---	1070	1140	817	1210
15	---	---	---	---	---	---	---	---	1840	1070	1110	1300
16	---	---	---	---	---	---	---	---	2820	1050	1310	1550
17	---	---	---	---	---	---	---	1370	1400	1080	1140	1700
18	---	---	---	---	---	---	---	1500	1180	1040	1060	1630
19	---	---	---	---	---	---	---	1310	1110	1040	1050	1400
20	---	---	---	---	---	---	---	1150	1170	1000	1120	1380
21	---	---	---	---	---	---	---	1310	1190	1360	1080	1740
22	---	---	---	---	---	---	---	1300	1300	1520	1200	1340
23	---	---	---	---	---	---	---	1240	1880	1550	1210	946
24	---	---	---	---	---	---	---	1340	1660	1340	1090	1030
25	---	---	---	---	---	---	---	1930	1400	1120	1070	1050
26	---	---	---	---	---	---	---	2060	1380	1060	1220	1030
27	---	---	---	---	---	---	---	e1800	1330	1000	1240	1040
28	---	---	---	---	---	---	---	e1650	1210	1030	1140	1090
29	---	---	---	---	---	---	---	1450	1210	1190	967	1170
30	---	---	---	---	---	---	---	2160	1150	e1300	969	1200
31	---	---	---	---	---	---	---	1280	---	e1600	916	---
TOTAL	---	---	---	---	---	---	---	---	40040	36830	36811	37957
MEAN	---	---	---	---	---	---	---	---	1335	1188	1187	1265
MAX	---	---	---	---	---	---	---	---	2820	1950	1680	1740
MIN	---	---	---	---	---	---	---	---	1010	1000	817	946

## STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1987 - 2001, BY WATER YEAR (WY)

	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
MEAN	9239	8519	13260	15510	16990	21150	14530	9187	5211	4333	6508	6170			
MAX	34380	22410	27870	26400	50000	40770	29470	26770	16220	14930	25120	16260			
(WY)	1991	1996	1993	1998	1998	1987	1998	1991	1992	1989	1991	1995			
MIN	868	1492	2192	3082	3238	3566	2067	1067	843	853	903	939			
(WY)	1994	2000	2000	1989	1989	1988	1988	1988	1988	1988	2000	2000			

## SUMMARY STATISTICS

WATER YEARS 1987 - 2001

ANNUAL MEAN	10880
HIGHEST ANNUAL MEAN	17880
LOWEST ANNUAL MEAN	4081
HIGHEST DAILY MEAN	89500
LOWEST DAILY MEAN	460
ANNUAL SEVEN-DAY MINIMUM	515
MAXIMUM PEAK FLOW	89500
MAXIMUM PEAK STAGE	21.92
10 PERCENT EXCEEDS	24700
50 PERCENT EXCEEDS	7820
90 PERCENT EXCEEDS	936

SANTEE RIVER BASIN

02171700 SANTEE RIVER NEAR JAMESTOWN, SC--Continued

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1340	1160	911	824	824	1030	1050	901	1400	908	910	1220
2	1720	1240	952	1070	801	995	1050	968	1400	886	1010	1180
3	1940	1190	926	1220	940	1040	1110	1070	1110	879	1090	1380
4	1300	1170	1010	1240	812	1010	1020	944	1370	868	1220	1280
5	1200	1120	967	1250	1040	957	1050	901	1370	984	1010	1050
6	1250	1280	876	870	861	862	1060	914	1110	1170	1380	1010
7	1160	2590	853	656	920	870	991	916	1450	1450	1230	1180
8	1050	1220	894	713	796	804	978	1140	1100	1080	1240	1210
9	1180	991	919	1060	847	816	878	1030	1220	928	1240	1100
10	1210	1010	987	763	887	831	868	1120	1240	878	1180	1170
11	1720	980	1110	723	818	813	846	800	1120	788	1110	1120
12	1190	1010	909	696	959	917	1020	856	1500	1040	1040	1080
13	1000	1870	944	738	899	883	1010	858	1040	1260	952	1100
14	1170	1470	927	783	841	800	1050	805	985	1060	968	980
15	1090	1110	838	788	971	827	938	847	924	963	987	968
16	1280	1280	866	921	871	842	1000	1180	1020	1060	898	925
17	1390	1260	927	818	759	821	916	1560	1050	1150	808	886
18	1200	1150	894	740	990	1070	1360	1250	1980	e2000	802	1000
19	1180	1140	896	728	947	1150	1510	868	1210	e1500	1050	1110
20	1210	1050	809	734	837	1020	968	977	1120	1010	1110	1110
21	1200	1060	806	792	788	920	1010	1260	1230	1440	835	1190
22	1080	1030	975	719	763	964	1210	2190	1240	1150	838	1120
23	1080	1010	888	805	845	961	891	1610	1250	1000	950	1150
24	1150	1090	775	770	942	900	1040	1270	1080	920	831	1030
25	1120	1060	788	738	1690	1390	1070	1030	990	923	918	1190
26	850	876	847	927	1260	2020	945	994	955	814	1020	1610
27	1010	1020	738	948	894	1220	1060	1030	1000	873	949	1660
28	1180	1070	786	811	1170	1110	1060	1090	831	873	959	1610
29	1840	e950	822	797	---	1220	1360	1390	842	920	987	1570
30	1560	859	785	820	---	1220	1230	1720	816	807	1050	1330
31	1020	---	858	826	---	1140	---	1390	---	797	1140	---
TOTAL	38870	35316	27483	26288	25972	31423	31549	34879	34953	32379	31712	35519
MEAN	1254	1177	887	848	928	1014	1052	1125	1165	1044	1023	1184
MAX	1940	2590	1110	1250	1690	2020	1510	2190	1980	2000	1380	1660
MIN	850	859	738	656	759	800	846	800	816	788	802	886

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1987 - 2002, BY WATER YEAR (WY)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	8707	7995	12440	14470	15860	19710	13570	8611	4958	4127	6116	5814
MAX	34380	22410	27870	26400	50000	40770	29470	26770	16220	14930	25120	16260
(WY)	1991	1996	1993	1998	1998	1987	1998	1991	1992	1989	1991	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

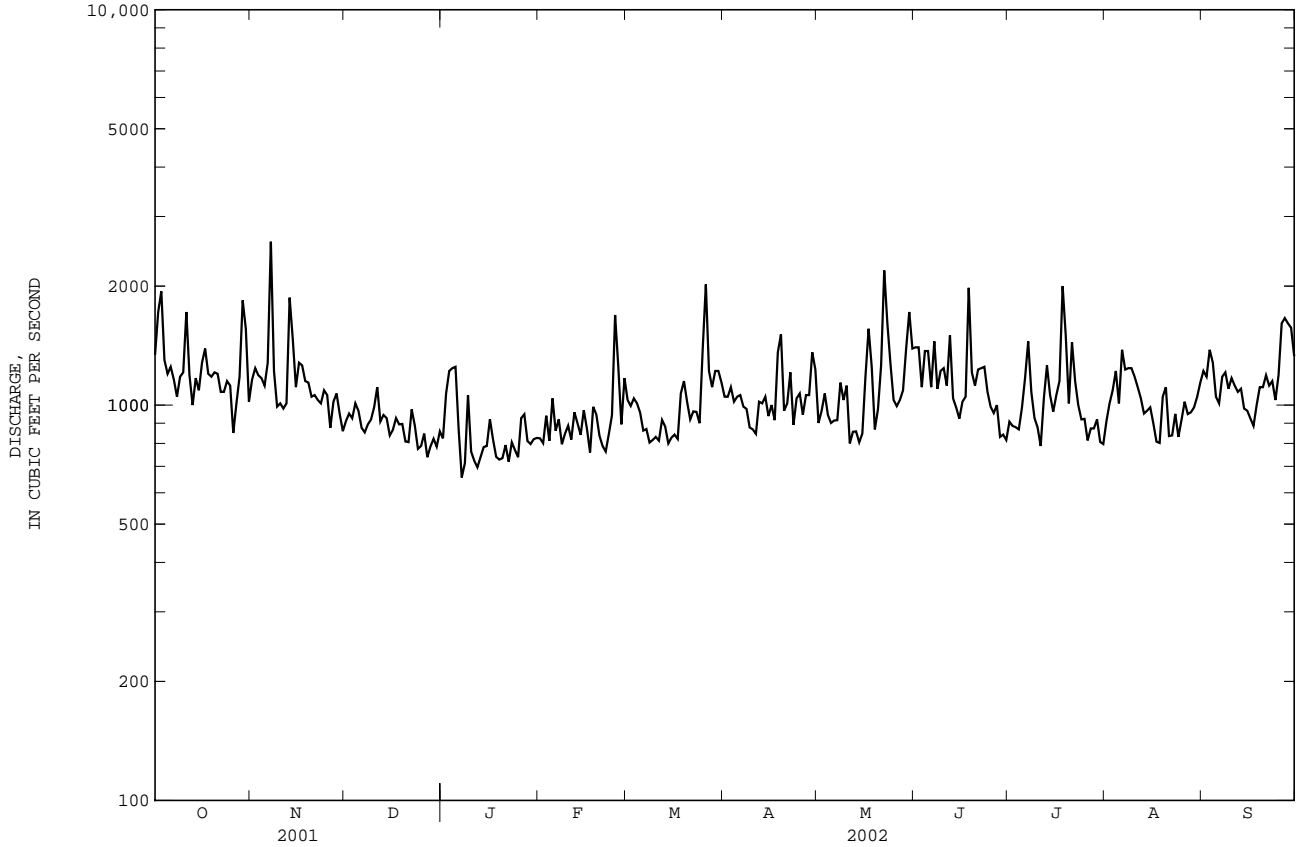
SUMMARY STATISTICS

FOR 2002 WATER YEAR

WATER YEARS 1987 - 2002

ANNUAL TOTAL	386343			
ANNUAL MEAN	1058			10120
HIGHEST ANNUAL MEAN				17880
LOWEST ANNUAL MEAN				1058
HIGHEST DAILY MEAN	2590	Nov 7		89500
LOWEST DAILY MEAN	656	Jan 7		460
ANNUAL SEVEN-DAY MINIMUM	755	Jan 19		515
MAXIMUM PEAK FLOW	4300	Nov 7		89500
MAXIMUM PEAK STAGE	4.66	May 22		21.92
10 PERCENT EXCEEDS	1360			24400
50 PERCENT EXCEEDS	1010			6580
90 PERCENT EXCEEDS	808			911

e Estimated



02171800 NORTH SANTEE RIVER NEAR NORTH SANTEE, SC

LOCATION.--Lat 33°12'30'' (revised), long 79 22'58'' (revised), 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, 10.95 ft, Feb. 10, 1998; minimum gage height, 0.67 ft, Dec. 26, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 7.79 ft, Aug. 7; minimum gage height, 1.05 ft, Jan. 10.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.10	3.46	5.41	6.90	2.71	4.87	6.89	2.28	4.61	6.68	1.72	4.12
2	7.12	3.56	5.52	6.85	2.70	4.77	6.93	2.25	4.61	6.68	1.72	4.21
3	7.06	3.42	5.43	6.82	2.48	4.60	7.16	2.55	4.88	7.09	2.38	4.64
4	6.76	2.91	4.92	6.73	2.31	4.59	7.03	2.57	4.81	6.22	1.61	3.84
5	6.73	2.69	4.73	7.03	2.78	4.97	6.79	2.39	4.48	6.22	1.97	4.09
6	6.62	2.73	4.58	7.04	3.09	5.03	6.53	2.18	4.24	6.10	1.11	3.91
7	6.89	2.84	4.82	6.74	2.74	4.67	6.41	2.28	4.28	5.30	1.10	3.16
8	6.84	2.85	4.93	6.68	2.45	4.47	6.56	2.55	4.56	5.46	1.18	3.40
9	6.92	3.35	5.17	6.65	2.41	4.51	6.45	2.50	4.64	5.79	1.40	3.40
10	6.88	3.05	5.00	6.73	2.59	4.79	7.06	3.25	5.47	5.48	1.05	3.13
11	6.92	2.97	5.01	6.70	2.45	4.73	6.98	2.65	4.84	5.64	1.07	3.10
12	6.93	2.72	4.97	7.08	2.52	5.26	6.78	2.13	4.63	6.09	1.15	3.74
13	7.29	2.90	5.26	7.34	3.03	5.38	7.04	2.33	4.73	5.66	1.65	3.48
14	7.30	3.22	5.48	7.29	2.81	5.16	6.96	2.17	4.49	6.31	1.53	3.82
15	7.39	2.88	5.31	7.40	2.66	5.26	6.49	1.98	4.18	5.99	1.70	3.66
16	7.49	3.23	5.61	7.35	2.85	5.19	6.89	2.41	4.63	6.06	1.70	3.76
17	7.30	2.81	5.20	7.09	2.61	4.84	6.85	2.59	4.69	5.83	1.82	3.67
18	7.33	2.76	5.20	6.96	2.67	4.82	5.72	1.92	3.87	5.41	1.77	3.48
19	7.31	3.03	5.25	6.87	2.85	4.82	6.63	2.61	4.47	5.90	2.30	3.86
20	6.97	2.75	4.89	6.47	2.62	4.45	5.86	2.04	3.87	5.64	1.68	3.54
21	6.91	2.71	4.83	6.79	3.41	5.04	5.86	2.39	4.04	5.82	2.00	3.94
22	6.77	2.91	4.88	6.40	3.01	4.67	6.02	2.83	4.39	5.44	2.22	3.79
23	6.83	3.30	5.05	6.14	2.99	4.52	6.08	2.97	4.56	6.08	1.82	3.95
24	6.60	3.37	5.00	6.07	2.92	4.58	5.94	2.28	4.09	5.88	1.64	3.77
25	6.20	2.87	4.63	6.02	2.49	4.42	6.18	2.77	4.58	5.85	1.64	3.77
26	6.19	2.64	4.40	6.00	2.36	4.25	6.59	2.07	4.64	6.58	2.12	4.41
27	6.45	2.64	4.64	6.15	2.27	4.30	6.00	1.75	3.91	6.62	1.89	4.18
28	6.55	2.66	4.76	6.41	2.20	4.36	6.28	1.79	4.20	6.45	1.50	3.85
29	6.64	2.94	4.94	6.57	2.18	4.47	6.38	1.83	4.08	6.43	1.29	3.75
30	6.68	2.86	4.85	6.81	2.34	4.59	6.67	1.62	4.17	6.47	1.30	3.78
31	6.77	2.74	4.85	---	---	---	6.73	1.82	4.21	6.55	1.48	3.90
MONTH	7.49	2.64	5.02	7.40	2.18	4.75	7.16	1.62	4.45	7.09	1.05	3.78



## SANTEE RIVER BASIN

02171800 NORTH SANTEE RIVER NEAR NORTH SANTEE, SC--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	6.41	1.60	3.87	6.63	1.67	4.05	6.92	2.28	4.43	6.82	2.34	4.38
2	6.26	1.59	4.03	6.73	2.11	4.57	6.93	2.66	4.68	6.59	2.16	4.07
3	6.71	2.32	4.56	6.73	1.59	3.96	6.79	2.45	4.51	5.78	2.06	3.78
4	6.37	1.35	3.84	6.14	1.32	3.42	6.13	2.99	4.57	6.26	3.18	4.70
5	5.98	2.26	4.04	5.58	1.80	3.65	6.78	3.38	5.13	6.09	2.60	4.45
6	6.41	2.55	4.45	5.90	1.76	3.65	6.69	3.04	4.86	6.23	2.81	4.54
7	6.80	1.80	4.34	5.78	1.91	3.71	6.51	2.90	4.77	5.97	2.31	4.24
8	6.12	1.61	4.06	5.82	2.13	3.91	6.25	2.47	4.43	5.81	2.17	4.04
9	6.37	2.13	4.24	6.04	2.12	3.92	5.99	2.14	4.06	5.70	2.14	3.96
10	6.69	2.19	4.36	5.92	1.84	3.73	5.87	1.90	3.87	6.10	2.00	3.99
11	5.90	1.74	3.73	6.20	1.75	4.22	6.40	2.21	4.39	6.50	1.96	4.11
12	6.40	1.92	4.16	6.50	2.33	4.41	6.38	2.38	4.43	6.48	2.09	4.30
13	6.20	2.01	4.08	6.39	1.90	4.06	6.57	2.33	4.38	6.28	1.87	3.98
14	6.39	2.13	4.35	5.90	1.64	3.74	6.42	2.23	4.32	6.48	1.75	3.80
15	6.46	2.49	4.49	5.99	1.91	3.93	6.29	2.04	4.07	6.54	2.30	4.21
16	5.87	2.15	4.06	5.67	1.64	3.64	6.28	2.12	4.03	6.35	2.10	4.09
17	5.54	1.79	3.55	6.27	1.68	3.74	6.21	2.16	4.02	6.27	2.05	3.94
18	5.63	2.26	3.90	6.09	1.95	4.00	6.18	2.11	3.95	6.34	1.88	3.90
19	5.77	2.35	4.03	6.56	2.38	4.38	6.15	2.35	4.07	6.23	2.75	4.59
20	5.94	2.32	4.10	6.65	2.50	4.53	6.06	2.31	4.05	6.88	3.29	4.84
21	5.73	1.77	3.62	6.01	2.62	4.42	6.39	2.50	4.46	6.87	3.01	5.19
22	5.76	1.99	3.82	6.62	2.82	4.58	6.33	1.98	4.27	7.33	3.44	5.70
23	6.26	2.43	4.37	6.60	2.36	4.57	6.89	1.98	4.80	7.22	3.00	5.46
24	6.80	2.43	4.81	6.35	2.01	4.27	6.98	2.59	5.00	6.95	2.14	4.75
25	6.85	2.23	4.64	6.37	2.01	4.21	6.89	2.47	4.91	6.93	1.85	4.41
26	6.96	2.01	4.58	6.57	1.86	4.45	7.31	2.13	4.83	7.06	1.96	4.46
27	6.27	1.12	3.70	6.89	1.95	4.58	7.20	2.40	4.97	7.21	2.45	4.75
28	6.51	1.23	3.97	7.35	2.46	5.20	6.69	1.95	4.53	7.45	2.89	5.04
29	---	---	---	7.43	2.84	5.32	6.72	1.59	3.95	7.42	3.29	5.39
30	---	---	---	7.15	2.57	5.11	6.81	2.49	4.55	---	---	---
31	---	---	---	6.94	2.39	4.81	---	---	---	---	---	---
MONTH	6.96	1.12	4.13	7.43	1.32	4.22	7.31	1.59	4.44	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	6.69	2.90	4.69	6.03	2.39	4.19	6.63	3.19	5.02	6.80	3.55	5.22
2	6.41	2.78	4.64	5.83	2.38	4.19	6.87	3.31	5.24	7.26	3.59	5.57
3	6.60	3.08	5.06	5.89	2.27	4.14	7.05	3.56	5.42	7.30	3.59	5.72
4	6.72	3.25	5.14	6.15	2.41	4.31	7.10	3.59	5.52	7.10	2.85	5.19
5	6.44	2.93	4.91	6.21	2.22	4.27	7.40	3.31	5.51	7.02	2.29	4.78
6	6.40	2.71	4.67	6.70	2.43	4.64	7.53	3.32	5.69	7.42	2.75	5.16
7	6.68	2.48	4.65	6.85	3.04	4.96	7.79	3.79	6.04	7.40	2.99	5.39
8	7.08	3.22	5.32	6.60	2.24	4.44	7.73	3.56	5.89	7.20	2.97	5.34
9	7.23	3.19	5.34	6.55	1.87	4.14	7.61	3.33	5.75	7.31	2.91	5.31
10	7.07	2.74	5.07	6.25	1.45	3.74	7.37	3.08	5.47	7.36	3.14	5.43
11	6.99	2.45	4.77	6.84	1.50	3.77	7.16	2.90	5.20	7.14	2.92	5.17
12	6.99	2.55	4.73	7.29	2.95	5.18	7.10	2.80	4.98	7.41	3.36	5.51
13	6.89	2.43	4.60	7.08	2.57	4.97	6.86	2.60	4.82	7.01	3.21	5.12
14	6.99	2.56	4.66	7.02	2.14	4.45	6.92	2.61	4.83	6.64	2.78	4.68
15	6.99	2.84	4.90	6.43	2.10	4.34	6.74	2.51	4.66	6.44	2.61	4.56
16	7.01	3.10	5.07	6.54	2.31	4.55	6.56	2.35	4.44	6.21	2.37	4.33
17	6.97	3.01	5.04	6.59	2.33	4.58	6.44	2.13	4.29	6.72	2.52	4.52
18	6.80	3.03	5.02	6.91	2.58	4.86	6.51	2.03	4.21	6.91	2.86	4.92
19	6.98	2.67	5.08	6.68	2.15	4.56	6.74	2.15	4.37	6.95	3.06	5.09
20	6.96	2.82	5.14	6.79	1.89	4.38	6.68	2.46	4.57	6.95	3.13	5.14
21	7.12	2.76	5.07	6.98	2.34	4.68	6.75	2.34	4.51	6.91	3.19	5.18
22	7.10	2.82	5.12	6.91	2.50	4.73	6.86	2.62	4.69	6.88	3.24	5.27
23	6.81	2.20	4.60	6.62	2.01	4.36	6.50	2.41	4.46	6.82	3.20	5.13
24	6.75	1.96	4.32	6.47	2.00	4.14	6.51	2.45	4.43	6.85	3.23	5.17
25	6.65	1.96	4.24	6.39	1.96	4.03	6.72	2.54	4.61	7.03	3.76	5.53
26	6.38	1.91	4.04	6.47	2.09	4.12	6.52	3.14	4.86	6.98	3.61	5.43
27	6.02	1.86	3.82	6.16	2.37	4.19	6.32	2.83	4.66	6.86	3.75	5.32
28	5.81	1.68	3.46	6.09	2.31	4.10	6.44	2.85	4.75	6.78	3.19	5.06
29	5.62	1.66	3.53	6.04	2.19	4.04	6.36	2.81	4.62	6.98	3.65	5.39
30	5.74	2.00	3.97	5.85	2.23	4.17	6.77	3.21	5.04	7.15	3.80	5.59
31	---	---	---	6.28	2.56	4.52	6.82	3.28	5.18	---	---	---
MONTH	7.23	1.66	4.69	7.29	1.45	4.38	7.79	2.03	4.96	7.42	2.29	5.17

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, 14.28 ft, Feb. 10, 1998; minimum gage height, 4.90 ft, Jan. 2, 2001.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 12.10 ft, Aug. 7; minimum gage height, 5.07 ft, Feb. 27.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	11.24	6.59	9.03	11.37	6.29	8.87	11.26	5.79	8.39
2	11.27	7.26	9.36	11.26	6.66	8.96	11.42	6.27	8.86	11.24	5.79	8.46
3	11.20	7.11	9.38	11.28	6.48	8.80	11.62	6.55	9.12	11.54	6.38	8.84
4	10.97	6.72	8.93	11.16	6.30	8.79	11.48	6.57	9.04	10.72	5.70	8.04
5	11.03	6.52	8.75	11.42	6.79	9.17	11.28	6.43	8.71	10.71	6.06	8.30
6	10.90	6.57	8.59	11.42	7.06	9.19	11.06	6.23	8.45	10.57	5.29	8.15
7	11.12	6.69	8.84	11.04	6.67	8.76	10.90	6.32	8.50	9.83	5.28	7.42
8	11.01	6.60	8.88	11.11	6.52	8.64	11.05	6.59	8.79	9.96	5.45	7.69
9	11.05	7.06	9.10	11.09	6.44	8.69	10.90	6.51	8.86	10.39	5.56	7.69
10	11.04	6.83	8.94	11.17	6.57	8.97	11.49	7.36	9.73	10.10	5.26	7.43
11	11.11	6.80	8.96	11.12	6.41	8.94	11.43	6.55	9.05	10.25	5.26	7.40
12	11.15	6.51	8.95	11.49	6.44	9.49	11.28	6.13	8.89	10.65	5.34	8.05
13	11.57	6.67	9.33	11.72	6.94	9.59	11.54	6.35	8.99	10.12	5.80	7.77
14	11.58	7.03	9.57	11.69	6.69	9.36	11.45	6.20	8.76	10.84	5.69	8.11
15	11.70	6.63	9.38	11.85	6.60	9.50	11.02	6.07	8.43	10.47	5.85	7.95
16	11.75	6.92	9.69	11.75	6.77	9.41	11.34	6.46	8.89	10.64	5.84	8.04
17	11.63	6.52	9.27	11.51	6.58	9.05	11.31	6.65	8.95	10.39	5.99	7.94
18	11.64	6.52	9.31	11.37	6.68	9.02	10.19	5.96	8.09	9.89	5.93	7.76
19	11.62	6.84	9.36	11.33	6.84	9.01	11.09	6.74	8.71	10.41	6.48	8.15
20	11.27	6.62	8.98	10.89	6.70	8.63	10.32	6.20	8.10	10.11	5.93	7.83
21	11.23	6.61	8.92	11.11	7.42	9.22	10.31	6.53	8.28	10.18	6.24	8.20
22	11.06	6.88	8.96	10.78	7.05	8.85	10.36	6.88	8.62	9.87	6.41	8.05
23	11.10	7.22	9.13	10.49	7.07	8.73	10.49	7.10	8.81	10.54	6.03	8.22
24	10.84	7.31	9.07	10.42	7.11	8.81	10.34	6.42	8.31	10.42	5.84	8.06
25	10.43	6.77	8.69	10.42	6.54	8.64	10.57	6.88	8.83	10.44	5.88	8.07
26	10.43	6.55	8.46	10.44	6.37	8.47	11.06	6.05	8.87	11.05	6.21	8.68
27	10.77	6.57	8.75	10.60	6.33	8.53	10.49	5.80	8.16	11.13	5.95	8.45
28	10.91	6.60	8.89	10.87	6.24	8.60	10.82	5.90	8.48	11.04	5.59	8.13
29	10.93	6.81	9.04	11.04	6.21	8.73	10.92	5.94	8.35	11.02	5.42	8.06
30	10.98	6.68	8.96	11.30	6.39	8.84	11.21	5.68	8.45	11.10	5.44	8.10
31	11.06	6.59	8.96	---	---	---	11.26	5.89	8.48	11.16	5.60	8.20
MONTH	---	---	---	11.85	6.21	8.95	11.62	5.68	8.69	11.54	5.26	8.05

## SANTEE RIVER BASIN

02171850 SOUTH SANTEE RIVER NEAR MCLELLANVILLE, SC--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	11.01	5.71	8.16	11.13	5.72	8.32	11.44	6.35	8.64	11.16	6.33	8.51
2	10.91	5.68	8.30	11.24	6.19	8.88	11.44	6.70	8.90	11.01	6.24	8.22
3	11.16	6.39	8.80	11.16	5.65	8.20	11.19	6.53	8.70	10.18	6.02	7.89
4	10.85	5.48	8.03	10.67	5.49	7.62	10.56	7.05	8.75	10.56	7.17	8.83
5	10.59	6.38	8.31	10.09	5.88	7.89	11.16	7.45	9.31	10.41	6.52	8.56
6	10.89	6.68	8.72	10.35	5.94	7.89	11.02	7.05	9.04	10.59	6.77	8.67
7	11.27	5.85	8.62	10.21	6.05	7.94	10.86	6.98	8.98	10.28	6.26	8.38
8	10.67	5.73	8.35	10.28	6.26	8.15	10.68	6.57	8.68	10.23	6.17	8.18
9	10.89	6.27	8.52	10.51	6.20	8.18	10.52	6.35	8.34	10.48	6.17	8.23
10	11.32	6.39	8.72	10.40	5.88	7.97	10.39	6.06	8.16	10.50	5.99	8.11
11	10.41	5.83	7.98	10.65	5.87	8.49	10.84	6.31	8.67	10.91	5.95	8.25
12	10.94	6.05	8.45	10.97	6.43	8.67	10.86	6.48	8.69	10.89	6.06	8.44
13	10.70	6.12	8.34	10.88	6.03	8.30	11.06	6.43	8.66	10.80	5.87	8.15
14	10.85	6.25	8.65	10.44	5.75	8.01	10.94	6.34	8.59	10.90	5.66	7.90
15	10.92	6.58	8.75	10.51	6.01	8.20	10.86	6.19	8.34	10.94	6.16	8.31
16	10.35	6.30	8.34	10.16	5.74	7.89	10.77	6.27	8.30	10.68	6.06	8.18
17	9.88	5.96	7.80	10.75	5.83	8.01	10.67	6.29	8.23	10.75	6.05	8.04
18	10.25	6.44	8.17	10.39	6.07	8.24	10.59	6.22	8.13	10.79	5.84	7.98
19	10.25	6.52	8.28	11.04	6.48	8.52	10.61	6.33	8.17	10.71	6.74	8.69
20	10.41	6.55	8.37	11.06	6.67	8.76	10.41	6.30	8.15	11.27	7.11	9.26
21	10.24	5.99	7.88	10.48	6.73	8.65	10.77	6.47	8.56	11.21	6.82	9.31
22	10.28	6.18	8.10	11.00	6.98	8.80	10.62	5.92	8.34	11.77	7.23	9.80
23	10.77	6.48	8.64	11.01	6.48	8.80	11.25	6.01	8.95	11.70	6.77	9.60
24	11.28	6.50	9.08	10.79	6.08	8.51	11.36	6.47	9.16	11.45	6.09	8.89
25	11.35	6.28	8.90	10.87	6.16	8.43	11.27	6.33	9.07	11.49	5.83	8.60
26	11.47	6.01	8.85	11.04	5.90	8.63	11.74	5.96	9.00	11.56	5.86	8.62
27	10.79	5.07	7.89	11.35	5.91	8.82	11.61	6.24	9.14	11.57	6.35	8.91
28	11.07	5.34	8.26	11.81	6.37	9.46	11.19	5.94	8.69	11.83	6.76	9.20
29	---	---	---	11.91	6.81	9.57	11.13	5.49	8.06	11.66	7.14	9.51
30	---	---	---	11.63	6.51	9.34	11.20	6.34	8.64	11.59	6.83	9.21
31	---	---	---	11.41	6.36	9.04	---	---	---	11.27	7.04	9.00
MONTH	11.47	5.07	8.40	11.91	5.49	8.46	11.74	5.49	8.63	11.83	5.66	8.63
DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	10.94	6.75	8.77	10.35	6.29	8.28	10.88	7.13	9.14	10.99	7.47	9.27
2	10.75	6.68	8.73	10.14	6.32	8.29	11.16	7.18	9.35	11.52	7.54	9.64
3	10.93	7.02	9.18	10.14	6.26	8.25	11.36	7.45	9.51	11.56	7.41	9.79
4	10.95	7.16	9.25	10.56	6.39	8.43	11.36	7.44	9.60	11.38	6.68	9.26
5	10.73	6.85	8.99	10.52	6.20	8.37	11.70	7.16	9.61	11.34	6.12	8.87
6	10.79	6.69	8.78	11.03	6.38	8.77	11.76	7.09	9.73	11.74	6.55	9.27
7	11.05	6.41	8.74	11.16	6.95	9.06	12.10	7.48	10.08	11.71	6.76	9.48
8	11.35	7.11	9.42	10.93	6.18	8.53	12.03	7.29	9.94	11.48	6.70	9.40
9	11.58	7.06	9.44	10.95	5.85	8.27	11.90	7.06	9.79	11.62	6.68	9.37
10	11.42	6.61	9.17	10.78	5.48	7.88	11.64	6.87	9.51	11.66	6.91	9.50
11	11.34	6.35	8.87	11.22	5.48	7.91	11.43	6.64	9.24	11.45	6.68	9.24
12	11.33	6.43	8.81	11.63	6.72	9.26	11.22	6.58	9.02	11.69	7.15	9.58
13	11.27	6.39	8.71	11.48	6.44	9.06	11.12	6.35	8.83	11.24	7.04	9.15
14	11.29	6.46	8.77	11.20	6.04	8.53	11.17	6.41	8.85	10.92	6.67	8.73
15	11.31	6.71	8.97	10.80	5.99	8.44	11.02	6.32	8.66	10.75	6.56	8.63
16	11.31	6.92	9.15	10.88	6.21	8.65	10.83	6.20	8.50	10.52	6.24	8.41
17	11.29	6.85	9.11	10.94	6.20	8.67	10.68	6.00	8.38	11.00	6.39	8.61
18	11.06	6.82	9.04	11.21	6.42	8.92	10.83	5.89	8.25	11.18	6.72	9.00
19	11.31	6.48	9.14	11.06	6.06	8.68	11.06	6.00	8.40	11.20	6.89	9.16
20	11.32	6.61	9.23	11.16	5.80	8.52	10.95	6.28	8.56	11.23	6.95	9.21
21	11.45	6.60	9.19	11.30	6.22	8.78	11.03	6.19	8.53	11.20	7.03	9.23
22	11.44	6.63	9.23	11.29	6.43	8.86	11.10	6.44	8.71	11.12	7.02	9.32
23	11.20	6.05	8.70	11.07	5.94	8.49	10.80	6.28	8.49	11.05	7.01	9.17
24	11.13	5.87	8.43	10.93	5.97	8.29	10.81	6.30	8.47	11.08	6.98	9.20
25	11.06	5.86	8.35	10.91	6.00	8.20	10.95	6.39	8.64	11.24	7.56	9.57
26	10.78	5.86	8.15	10.87	6.08	8.28	10.84	6.98	8.89	11.21	7.43	9.47
27	10.48	5.87	7.93	10.51	6.35	8.33	10.53	6.66	8.68	11.06	7.65	9.36
28	10.04	5.71	7.58	10.38	6.26	8.23	10.66	6.67	8.78	10.96	7.07	9.08
29	10.08	5.66	7.63	10.35	6.12	8.15	10.55	6.68	8.64	11.15	7.44	9.39
30	10.22	5.95	8.07	10.22	6.18	8.29	11.01	6.98	9.08	11.35	7.59	9.60
31	---	---	---	10.61	6.49	8.64	11.03	7.15	9.19	---	---	---
MONTH	11.58	5.66	8.78	11.63	5.48	8.49	12.10	5.89	9.00	11.74	6.12	9.23

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, 24.96 ft, Aug. 7; minimum gage height, 17.86 ft, Feb. 27.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	24.07	20.08	22.20	23.93	19.33	21.67	24.00	18.98	21.48	23.90	18.47	21.03
2	24.11	20.16	22.30	23.87	19.36	21.57	24.05	18.96	21.48	23.91	18.46	21.12
3	24.04	19.99	22.16	23.90	19.17	21.42	24.31	19.25	21.75	24.21	19.07	21.46
4	23.72	19.54	21.69	23.79	19.00	21.42	24.14	19.26	21.66	23.35	18.39	20.69
5	23.73	19.36	21.53	24.08	19.50	21.80	23.88	19.13	21.32	23.27	18.73	20.91
6	23.62	19.41	21.37	24.06	19.78	21.82	23.65	18.94	21.08	23.15	17.97	20.76
7	23.85	19.54	21.64	23.63	19.35	21.38	23.48	19.01	21.13	22.38	17.96	20.08
8	23.81	19.53	21.72	23.70	19.23	21.27	23.63	19.29	21.41	22.55	18.23	20.34
9	23.87	19.96	21.92	23.68	19.14	21.32	23.49	19.22	21.48	22.93	18.10	20.31
10	23.84	19.70	21.74	23.78	19.26	21.59	24.13	19.92	22.32	22.65	17.93	20.08
11	23.88	19.63	21.74	23.72	19.10	21.56	24.10	19.02	21.66	22.80	17.92	20.04
12	23.93	19.35	21.72	24.17	19.13	22.11	23.94	18.81	21.52	23.21	18.00	20.70
13	24.34	19.49	22.07	24.41	19.62	22.18	24.22	19.04	21.61	22.72	18.47	20.41
14	24.36	19.74	22.26	24.39	19.35	21.95	24.10	18.87	21.37	23.42	18.35	20.74
15	24.48	19.42	22.11	24.54	19.26	22.10	23.63	18.76	21.07	23.09	18.52	20.58
16	24.57	19.75	22.39	24.45	19.43	22.00	23.98	19.13	21.52	23.20	18.52	20.67
17	24.38	19.30	21.97	24.15	19.26	21.66	23.93	19.34	21.56	22.97	18.67	20.58
18	24.42	19.29	21.99	24.01	19.36	21.65	22.79	18.70	20.75	22.47	18.64	20.41
19	24.37	19.61	22.03	23.91	19.56	21.63	23.68	19.45	21.34	22.96	19.18	20.78
20	23.98	19.37	21.67	23.48	19.40	21.28	22.92	18.92	20.78	22.72	18.65	20.48
21	23.89	19.39	21.61	23.70	20.17	21.85	22.88	19.26	20.93	22.77	18.94	20.83
22	23.69	19.64	21.66	23.35	19.76	21.48	22.92	19.60	21.26	22.46	19.10	20.67
23	23.73	20.04	21.83	23.07	19.81	21.37	23.03	19.82	21.44	---	---	---
24	23.50	20.11	21.79	22.99	19.77	21.42	22.91	19.13	20.96	---	---	---
25	23.11	19.60	21.43	22.98	19.24	21.26	23.15	19.61	21.48	---	---	---
26	23.12	19.38	21.21	23.00	19.04	21.10	23.68	18.59	21.50	---	---	---
27	23.40	19.34	21.45	23.17	19.05	21.17	23.07	18.51	20.82	---	---	---
28	23.53	19.34	21.58	23.46	18.93	21.24	23.41	18.60	21.13	---	---	---
29	23.54	19.59	21.71	23.65	18.90	21.35	23.51	18.62	20.98	23.65	18.06	20.69
30	23.61	19.44	21.63	23.92	19.09	21.45	23.86	18.35	21.09	23.72	18.08	20.73
31	23.77	19.36	21.66	---	---	---	23.89	18.56	21.11	23.79	18.25	20.83
MONTH	24.57	19.29	21.80	24.54	18.90	21.57	24.31	18.35	21.32	---	---	---

## SANTEE RIVER BASIN

02171905 SOUTH SANTEE RIVER AT STATE PIER NEAR McCLELLANVILLE, SC--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	23.61	18.36	20.78	23.79	18.37	20.96	24.15	19.08	21.31	23.81	19.15	21.26
2	23.59	18.35	20.94	23.83	18.82	21.48	24.12	19.42	21.55	23.71	19.07	20.96
3	23.78	19.08	21.41	23.66	18.39	20.81	23.87	19.26	21.36	22.85	18.85	20.65
4	23.44	18.19	20.67	23.29	18.14	20.28	23.19	19.76	21.45	23.23	19.93	21.56
5	23.19	19.07	20.96	22.69	18.56	20.52	23.83	20.20	21.99	23.10	19.33	21.32
6	23.49	19.37	21.34	22.96	18.66	20.53	23.71	19.81	21.72	23.30	19.60	21.42
7	23.85	18.48	21.19	22.85	18.79	20.61	23.53	19.69	21.64	22.99	19.07	21.13
8	23.24	18.43	20.99	22.90	19.00	20.82	23.31	19.26	21.32	22.93	18.98	20.95
9	23.50	18.97	21.15	23.13	18.81	20.83	23.11	18.95	20.97	23.19	18.97	21.01
10	23.82	19.00	21.27	23.04	18.67	20.66	22.97	18.70	20.80	23.23	18.80	20.89
11	23.00	18.53	20.63	23.28	18.59	21.16	23.46	19.00	21.32	23.67	18.76	21.05
12	23.55	18.74	21.08	23.61	19.13	21.32	23.48	19.16	21.32	23.64	18.89	21.22
13	23.29	18.80	20.97	23.53	18.74	20.96	23.68	19.08	21.29	23.54	18.71	20.93
14	23.48	18.93	21.28	23.04	18.47	20.67	23.56	19.00	21.21	23.63	18.53	20.74
15	23.51	19.27	21.39	23.11	18.69	20.84	23.47	18.85	20.98	23.68	19.06	21.12
16	22.91	18.97	20.97	22.77	18.45	20.57	23.42	18.96	20.96	23.35	18.88	20.96
17	22.47	18.67	20.48	23.37	18.55	20.70	23.35	19.05	20.94	23.47	18.87	20.81
18	22.79	19.17	20.83	22.98	18.78	20.89	23.26	18.98	20.85	23.47	18.71	20.75
19	22.79	19.21	20.92	23.72	19.18	21.19	23.26	19.15	20.93	23.40	19.58	21.48
20	22.98	19.25	21.01	23.72	19.40	21.41	23.16	19.15	20.95	23.97	19.94	22.01
21	22.83	18.71	20.53	23.26	19.44	21.33	23.52	19.32	21.34	23.94	19.68	22.02
22	22.82	18.87	20.74	23.66	19.68	21.46	23.37	18.80	21.13	24.44	20.04	22.49
23	23.36	19.21	21.28	23.65	19.20	21.43	24.02	19.09	21.73	24.42	19.60	22.31
24	23.93	19.21	21.71	23.43	18.81	21.14	24.13	19.24	21.90	24.19	18.81	21.64
25	24.02	18.96	21.51	23.53	18.73	21.10	24.02	19.15	21.81	24.15	18.59	21.33
26	24.15	18.69	21.47	23.70	18.63	21.29	24.56	18.76	21.76	24.32	18.71	21.39
27	23.50	17.86	20.60	24.05	18.64	21.48	24.40	19.03	21.87	24.41	19.16	21.66
28	23.72	18.00	20.91	24.55	19.07	22.11	23.92	18.71	21.41	24.29	19.61	21.89
29	---	---	---	24.66	19.45	22.19	23.88	18.33	20.84	---	---	---
30	---	---	---	24.34	19.22	21.96	23.96	19.15	21.39	24.29	19.69	21.92
31	---	---	---	24.13	19.06	21.69	---	---	---	24.01	19.89	21.75
MONTH	24.15	17.86	21.04	24.66	18.14	21.11	24.56	18.33	21.33	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	23.71	19.62	21.55	23.08	19.17	21.08	23.49	19.89	21.81	23.74	20.25	22.01
2	23.50	19.53	21.51	22.88	19.20	21.09	23.79	19.97	22.01	24.34	20.33	22.38
3	23.56	19.87	21.95	22.89	19.13	21.05	24.02	20.21	22.17	24.37	20.19	22.51
4	23.71	20.02	22.00	23.23	19.24	21.22	24.05	20.18	22.25	24.18	19.44	21.99
5	23.47	19.66	21.76	---	---	---	24.43	19.91	22.31	24.16	18.88	21.61
6	23.46	19.51	21.57	23.80	19.19	21.55	24.58	19.95	22.49	24.58	19.36	22.02
7	23.73	19.27	21.55	23.97	19.80	21.84	24.96	20.32	22.83	24.57	19.55	22.20
8	24.17	19.95	22.22	23.72	19.00	21.33	24.89	20.12	22.67	24.30	19.49	22.12
9	24.38	19.90	22.23	23.73	18.69	21.08	24.76	19.86	22.51	24.46	19.46	22.12
10	24.23	19.46	21.95	23.55	18.29	20.69	24.47	19.61	22.23	24.49	19.75	22.24
11	24.14	19.19	21.66	---	---	---	24.24	19.49	21.98	24.23	19.49	21.97
12	24.18	19.27	21.61	---	---	---	23.93	19.40	21.76	24.50	19.94	22.30
13	24.08	19.22	21.52	---	---	---	23.82	19.20	21.60	23.98	19.84	21.86
14	24.12	19.33	21.57	---	---	---	23.95	19.25	21.62	23.64	19.49	21.47
15	24.15	19.61	21.78	---	---	---	23.76	19.17	21.43	23.48	19.36	21.37
16	24.13	19.81	21.93	23.67	19.07	21.44	23.58	19.05	21.24	23.26	19.10	21.16
17	24.09	19.74	21.89	23.73	19.06	21.46	23.45	18.86	21.11	23.76	19.25	21.39
18	23.85	19.67	21.80	24.04	19.26	21.71	23.61	18.78	21.07	23.97	19.54	21.77
19	24.11	19.37	21.93	23.85	18.94	21.46	23.84	18.89	21.23	23.99	19.69	21.92
20	24.15	19.44	21.97	23.98	18.70	21.34	23.76	19.14	21.38	24.01	19.74	21.97
21	24.30	19.44	21.98	24.09	19.08	21.58	23.80	19.00	21.35	23.98	19.84	22.00
22	24.26	19.45	21.99	24.08	19.20	21.63	23.89	19.28	21.53	23.90	19.87	22.09
23	24.05	18.89	21.43	23.85	18.75	21.28	23.59	19.15	21.30	23.83	19.86	21.94
24	23.98	18.71	21.23	23.53	18.65	21.00	23.55	19.15	21.27	23.85	19.88	21.99
25	23.90	18.71	21.16	23.52	18.69	20.84	23.74	19.22	21.44	24.02	20.40	22.33
26	23.59	18.73	20.97	23.48	18.80	20.94	23.56	19.83	21.67	23.96	20.23	22.20
27	23.26	18.74	20.75	23.13	19.06	20.99	23.25	19.48	21.46	23.82	20.46	22.11
28	22.78	18.58	20.40	23.00	18.96	20.91	23.36	19.51	21.54	23.75	19.91	21.86
29	22.85	18.52	20.47	22.82	18.88	20.83	23.29	19.48	21.41	23.94	20.31	22.17
30	23.01	18.83	20.89	22.80	18.94	20.98	23.73	19.79	21.82	24.14	20.45	22.36
31	---	---	---	23.22	19.27	21.33	23.75	19.97	21.93	---	---	---
MONTH	24.38	18.52	21.57	---	---	---	24.96	18.78	21.76	24.58	18.88	21.98

## 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 ft<sup>3</sup> between elevation 60.0 ft (normal limit of drawdown) and 76.8 ft (maximum normal elevation). Dead storage, about 18,040,000,000 ft<sup>3</sup>. 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, 75.07 ft, May 13, 14; minimum elevation, 70.18 ft, Jan. 19.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY OBSERVATION AT 2400 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	73.35	72.54	71.77	70.78	71.72	72.45	74.11	74.72	74.15	73.05	71.75	71.05
2	73.29	72.49	71.78	70.73	71.74	72.61	74.17	74.67	74.18	73.00	71.73	70.98
3	73.25	72.55	71.70	70.85	71.86	72.80	74.25	74.74	74.09	72.96	71.65	70.89
4	73.25	72.54	71.61	70.65	71.92	72.78	74.34	74.81	74.06	72.97	71.72	70.84
5	73.23	72.48	71.65	70.55	71.77	72.72	74.45	74.78	73.98	72.91	71.60	70.88
6	73.30	72.26	71.52	70.69	71.72	72.77	74.46	74.76	73.96	72.84	71.58	70.71
7	73.26	72.29	71.51	70.68	72.02	72.87	74.46	74.75	73.96	72.77	71.52	70.70
8	73.21	72.20	71.51	70.45	71.98	72.94	74.46	74.77	74.01	72.75	71.41	70.68
9	73.20	72.19	71.44	70.48	72.10	72.98	74.52	74.70	73.95	72.63	71.35	70.71
10	73.05	72.26	71.38	70.47	72.23	73.11	74.68	74.73	73.88	72.59	71.30	70.51
11	73.10	72.24	71.38	70.52	72.30	73.07	74.69	74.74	73.82	72.70	71.25	70.51
12	73.01	72.17	71.35	70.57	72.39	73.02	74.69	74.76	73.74	72.62	71.17	70.35
13	72.99	72.14	71.31	70.46	72.49	73.04	74.77	74.95	73.61	72.57	71.09	70.42
14	72.98	72.04	71.38	70.53	72.50	73.03	74.83	74.95	73.76	72.57	71.14	70.43
15	73.05	72.09	71.36	70.53	72.65	73.09	74.82	74.76	73.71	72.51	71.17	70.49
16	73.15	71.94	71.36	70.53	72.72	73.24	74.87	74.74	73.58	72.45	71.06	70.47
17	73.06	71.94	71.26	70.50	72.87	73.31	74.89	74.64	73.44	72.25	71.11	70.49
18	73.04	71.99	71.32	70.47	72.78	73.42	74.82	74.93	73.44	72.22	71.07	70.47
19	73.00	71.93	71.16	70.47	72.73	73.41	74.81	74.79	73.45	72.32	71.06	70.42
20	73.03	71.97	71.25	70.47	72.67	73.55	74.85	74.77	73.41	72.25	70.90	70.49
21	73.00	71.80	71.13	70.50	72.69	73.61	74.82	74.66	73.36	72.24	70.86	70.64
22	72.92	71.75	71.10	70.38	72.70	73.59	74.93	74.58	73.41	72.17	70.84	70.69
23	72.88	71.77	71.14	70.47	72.75	73.62	74.80	74.60	73.37	72.14	70.75	70.67
24	72.89	71.72	71.27	70.57	72.71	73.73	74.68	74.50	73.31	72.15	70.80	70.68
25	72.98	71.72	71.16	70.62	72.65	73.67	74.81	74.49	73.29	72.09	70.81	70.68
26	72.95	71.71	71.14	70.76	72.73	73.80	74.75	74.43	73.26	71.97	70.82	70.60
27	72.82	71.64	71.00	70.99	72.73	73.95	74.72	74.40	73.17	71.93	70.73	70.70
28	72.71	71.67	70.85	71.22	72.57	73.94	74.73	74.34	73.22	71.94	70.82	70.81
29	72.69	71.66	70.90	71.27	---	73.94	74.72	74.33	73.20	71.81	70.84	70.88
30	72.66	71.62	70.82	71.48	---	74.06	74.61	74.34	73.10	71.81	70.94	70.80
31	72.60	---	70.81	71.62	---	74.12	---	74.29	---	71.82	71.07	---
MAX	73.35	72.55	71.78	71.62	72.87	74.12	74.93	74.95	74.18	73.05	71.75	71.05
MIN	72.60	71.62	70.81	70.38	71.72	72.45	74.11	74.29	73.10	71.81	70.73	70.35
(+)	22.50	20.18	18.34	20.18	22.43	26.09	27.25	26.49	23.68	20.66	18.88	18.32
(*)	-769	-895	-687	+687	+930	+1366	+448	-284	-1084	-1128	-665	-216
CAL YR 2001	*	-59.3	MAX 75.47	MIN 70.81								
WTR YR 2002	*	-198	MAX 74.95	MIN 70.35								

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

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

## COOPER RIVER BASIN

## 02172001 LAKE MOULTRIE TAILRACE NEAR PINOPOLIS, SC

LOCATION.--Lat 33°14'40'', long 79°59'30'', Berkeley County, Hydrologic Unit 03050201, at power plant 0.7 mi upstream from Seaboard Coast Line Railroad bridge and 2.8 mi northwest of Pinopolis.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--October 1988 to current year. Data prior to October 1988 are in the files of the U.S. Geological Survey.

GAGE.--Data collection platform. Datum of gage is 5.00 ft below NGVD of 1929. Prior to Mar. 17, 1986, at same site at datum 5.00 ft lower.

REMARKS.--Gage height affected by tide and regulation from Lake Moultrie (see station 02172000). Flow diverted to Santee River Basin for power generation since October 1986 (see station 02171645).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 13.67 ft, June 26, 1991; minimum gage height, 1.78 ft, Mar. 14, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 11.92 ft, Sep. 21; minimum gage height, 2.98 ft, Jan. 11.

## GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	10.29	6.17	8.64	9.88	5.46	7.87	8.87	5.48	7.30	9.03	4.09	6.86
2	10.33	6.16	7.99	11.50	5.40	7.88	8.54	4.78	7.08	11.35	5.22	7.72
3	10.53	6.19	8.21	8.74	5.40	7.24	9.69	4.88	7.63	---	---	---
4	10.15	6.44	7.86	9.12	4.75	7.13	10.33	6.25	8.35	10.43	4.71	7.35
5	9.84	5.38	7.58	9.25	5.37	7.66	10.33	5.14	7.50	11.01	5.46	7.86
6	8.57	5.28	7.24	10.84	6.13	8.52	10.14	5.94	8.33	7.93	3.56	6.86
7	9.04	5.01	7.30	11.48	5.92	8.10	9.24	5.14	7.33	10.79	3.30	6.36
8	9.84	5.49	7.70	11.82	5.93	7.83	9.79	5.42	7.35	11.04	3.01	7.32
9	9.50	6.15	7.87	11.29	5.06	7.49	10.54	5.54	7.56	10.11	4.04	6.52
10	10.58	5.88	8.25	11.22	5.71	7.51	11.38	5.53	8.46	9.30	3.31	6.03
11	11.09	6.17	8.02	11.64	5.06	7.78	11.60	5.73	8.10	---	---	---
12	10.51	5.77	8.19	10.35	5.33	7.60	10.35	5.19	7.35	---	---	---
13	9.78	6.11	7.90	11.29	5.87	8.25	10.95	5.22	7.93	10.57	3.86	7.22
14	11.66	6.08	8.47	10.53	5.62	8.01	8.72	5.23	7.13	9.78	3.98	7.08
15	9.77	6.03	8.09	9.54	6.14	8.09	9.07	4.52	6.92	9.07	3.66	6.63
16	9.85	6.12	8.24	10.79	5.98	8.20	10.50	4.68	7.30	9.97	4.65	6.90
17	10.12	5.86	8.08	9.37	5.55	7.77	9.13	5.43	7.56	9.53	4.88	6.77
18	9.08	5.64	7.81	10.00	5.24	7.68	8.75	4.46	6.99	8.01	5.13	6.69
19	10.15	7.31	8.57	10.26	5.20	7.56	9.87	4.72	7.45	8.40	4.10	6.61
20	8.92	5.96	7.81	9.22	5.33	7.23	10.20	4.19	6.91	8.95	3.09	6.04
21	9.55	5.15	7.56	11.14	5.53	8.09	11.35	6.00	8.03	7.72	4.54	6.61
22	10.70	5.33	8.10	9.58	5.84	8.08	11.01	5.44	7.21	11.15	4.54	7.73
23	10.63	5.70	8.00	10.86	5.58	7.88	8.86	5.41	6.95	11.18	5.24	7.19
24	10.37	5.68	7.66	9.42	5.15	7.02	8.24	4.69	6.64	9.35	4.58	6.71
25	9.55	5.27	7.34	10.95	5.10	7.22	8.74	4.29	6.91	11.49	4.57	7.47
26	10.19	4.90	7.44	10.88	4.84	7.15	9.09	5.51	7.34	11.86	4.28	7.39
27	11.69	5.45	7.63	10.86	5.28	8.07	10.81	4.83	7.07	8.75	4.08	6.49
28	10.25	5.32	7.16	11.16	4.99	7.45	10.66	4.58	8.10	8.12	3.86	6.53
29	11.04	5.57	7.51	9.44	4.87	7.10	9.00	4.68	6.93	10.02	5.56	7.60
30	9.22	5.37	7.27	11.88	5.09	7.83	11.04	4.08	7.23	8.93	3.79	6.96
31	11.53	5.33	7.59	---	---	---	9.97	4.41	7.04	9.77	4.00	7.12
MONTH	11.69	4.90	7.84	11.88	4.75	7.71	11.60	4.08	7.42	---	---	---

## 02172001 LAKE MOULTRIE TAILRACE NEAR PINOPOLIS, SC--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	8.59	5.39	7.20	9.10	5.97	7.34	10.32	5.73	7.97	9.69	5.32	7.26
2	10.31	3.84	7.01	9.85	5.99	7.56	10.76	6.04	7.86	10.97	5.13	7.63
3	8.69	4.95	7.29	8.61	5.95	7.15	10.75	5.30	7.96	10.26	4.68	6.87
4	11.22	4.94	7.66	11.00	5.98	7.62	10.33	5.27	7.34	9.80	4.94	7.07
5	---	---	---	7.95	4.41	6.54	9.50	5.85	7.50	10.70	5.03	7.09
6	10.95	4.90	7.31	---	---	---	11.15	6.06	7.97	11.26	5.03	7.29
7	10.38	5.25	7.48	---	---	---	11.31	5.74	7.44	10.90	4.86	7.57
8	11.01	4.58	6.94	10.84	4.23	6.72	11.59	5.50	7.96	9.51	5.10	7.21
9	11.26	5.10	7.06	8.68	4.56	6.74	10.86	5.26	7.07	10.75	4.77	7.23
10	9.28	4.41	6.79	9.22	4.08	6.39	10.19	4.33	6.59	9.71	5.05	7.14
11	10.14	4.43	7.18	10.36	3.99	6.76	10.58	4.79	7.04	9.51	4.80	7.06
12	10.29	4.32	7.11	10.78	4.83	7.54	9.60	5.21	7.59	9.51	5.12	7.10
13	9.41	4.48	6.96	10.20	5.14	7.69	10.42	5.17	7.24	8.48	5.15	7.11
14	10.56	5.20	7.54	9.33	4.36	6.59	10.93	5.18	7.30	9.67	4.92	6.78
15	9.85	5.39	7.47	9.55	4.53	6.89	9.83	4.92	7.27	10.45	5.38	8.17
16	7.87	4.97	6.70	8.56	4.01	6.44	9.31	5.45	7.30	8.59	5.11	6.95
17	9.09	3.89	6.39	9.66	3.88	6.64	10.20	5.08	7.13	10.73	5.46	7.66
18	10.09	4.85	6.63	9.69	4.92	6.98	11.32	5.05	7.75	9.77	3.71	6.72
19	10.21	4.88	7.06	10.21	4.59	7.01	10.51	4.92	7.26	9.63	4.86	7.12
20	10.70	5.35	7.69	8.95	5.63	7.46	10.37	5.18	7.62	9.37	5.90	7.79
21	---	---	---	10.25	6.06	7.91	11.00	5.20	7.90	11.37	5.84	8.20
22	10.84	4.96	7.01	11.21	6.17	8.44	9.63	4.91	7.05	11.83	6.32	8.65
23	---	---	---	11.31	5.98	7.75	8.75	4.69	7.17	11.74	6.24	8.40
24	11.34	4.67	7.29	10.90	5.40	7.47	9.75	5.52	7.88	11.09	6.04	7.94
25	10.40	5.46	7.50	11.23	4.90	7.59	11.47	5.80	8.14	10.57	5.80	7.85
26	8.96	4.50	7.06	10.96	4.78	7.50	9.38	5.11	7.21	11.00	5.38	7.79
27	11.11	5.91	8.08	10.76	4.94	7.19	10.82	6.26	8.18	10.40	5.47	7.64
28	9.27	4.40	6.82	11.05	4.98	7.61	9.91	5.29	7.56	11.02	5.58	8.22
29	---	---	---	10.13	5.72	7.90	9.58	4.87	7.63	10.75	6.22	8.16
30	---	---	---	9.42	6.33	7.98	9.60	5.53	7.34	10.20	6.01	8.06
31	---	---	---	10.54	6.30	8.20	---	---	---	9.87	5.85	7.89
MONTH	---	---	---	---	---	---	11.59	4.33	7.51	11.83	3.71	7.54
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	10.89	5.80	8.25	9.47	4.97	7.28	10.24	5.35	7.61	10.03	5.40	7.55
2	11.05	5.60	7.83	9.89	5.43	7.20	11.07	5.84	7.89	11.78	6.07	7.75
3	10.04	5.56	7.56	10.01	4.66	7.14	11.71	5.63	7.71	11.60	6.88	8.82
4	11.16	6.22	7.85	9.88	5.42	7.20	9.87	6.44	7.79	11.07	6.68	8.54
5	10.22	6.26	7.83	10.19	5.38	7.48	11.89	6.24	8.36	11.00	5.28	7.62
6	10.79	5.93	7.80	10.88	5.60	7.82	11.86	6.35	8.32	11.60	5.59	7.99
7	10.13	5.71	7.34	10.05	5.02	7.11	10.06	6.77	8.41	10.74	6.20	8.21
8	9.65	6.00	7.53	10.07	5.74	7.46	9.68	7.32	8.63	10.06	6.11	8.03
9	10.56	6.12	7.98	11.24	5.36	7.64	9.91	6.80	8.60	10.45	5.69	8.14
10	9.09	6.26	7.77	10.20	5.13	7.47	10.00	6.77	8.47	11.90	5.85	8.56
11	10.55	5.90	7.91	8.47	4.54	6.64	11.32	6.06	8.20	11.84	6.48	8.40
12	10.81	5.78	8.51	9.99	5.00	7.40	11.12	5.84	8.38	11.89	5.53	8.30
13	10.79	5.81	8.54	10.01	5.76	7.88	11.46	5.43	7.84	8.85	5.81	7.75
14	8.93	5.77	7.49	11.37	5.46	7.99	11.25	5.08	8.02	10.41	5.58	7.47
15	10.17	5.47	7.54	9.16	4.66	7.14	10.41	5.72	7.61	9.84	5.60	7.32
16	10.84	5.69	7.80	10.55	5.86	8.03	10.19	5.70	7.55	10.55	4.94	7.41
17	11.80	5.73	8.36	11.55	5.70	8.14	8.65	5.26	7.04	10.69	4.77	7.06
18	10.03	5.68	7.83	11.33	6.53	8.08	11.27	5.19	7.25	11.45	5.50	7.80
19	10.56	5.48	7.84	8.60	5.41	7.03	9.71	5.16	7.03	10.99	5.89	8.19
20	11.85	5.23	7.83	11.07	5.26	7.64	10.02	5.31	7.61	11.47	6.20	7.98
21	10.76	6.12	8.32	11.07	5.43	7.45	9.07	5.45	7.44	11.92	6.00	7.95
22	10.18	5.99	7.72	9.32	5.41	7.18	10.05	5.46	7.57	11.11	5.83	8.07
23	9.19	5.82	7.58	11.19	4.17	7.05	10.13	5.56	7.81	9.37	6.02	8.09
24	10.68	5.37	7.96	10.89	4.88	7.26	8.99	5.24	7.44	10.61	5.73	7.82
25	9.70	5.48	7.58	10.86	4.74	7.68	8.46	5.14	6.98	11.21	5.98	8.40
26	9.98	5.19	7.42	10.91	4.83	8.02	10.16	5.47	7.68	11.59	6.40	8.80
27	10.47	4.92	7.70	9.72	5.12	7.57	10.37	5.27	7.74	10.33	6.54	8.22
28	9.26	4.48	6.89	10.53	4.69	6.90	10.20	5.30	7.64	10.97	5.55	7.85
29	10.75	3.95	6.76	11.29	4.15	7.75	11.25	5.33	7.95	11.33	5.56	7.61
30	9.37	3.93	6.66	9.80	4.41	6.88	11.77	5.38	8.03	11.22	6.53	8.41
31	---	---	---	10.07	4.55	7.11	9.46	5.23	7.41	---	---	---
MONTH	11.85	3.93	7.73	11.55	4.15	7.44	11.89	5.08	7.81	11.92	4.77	8.00

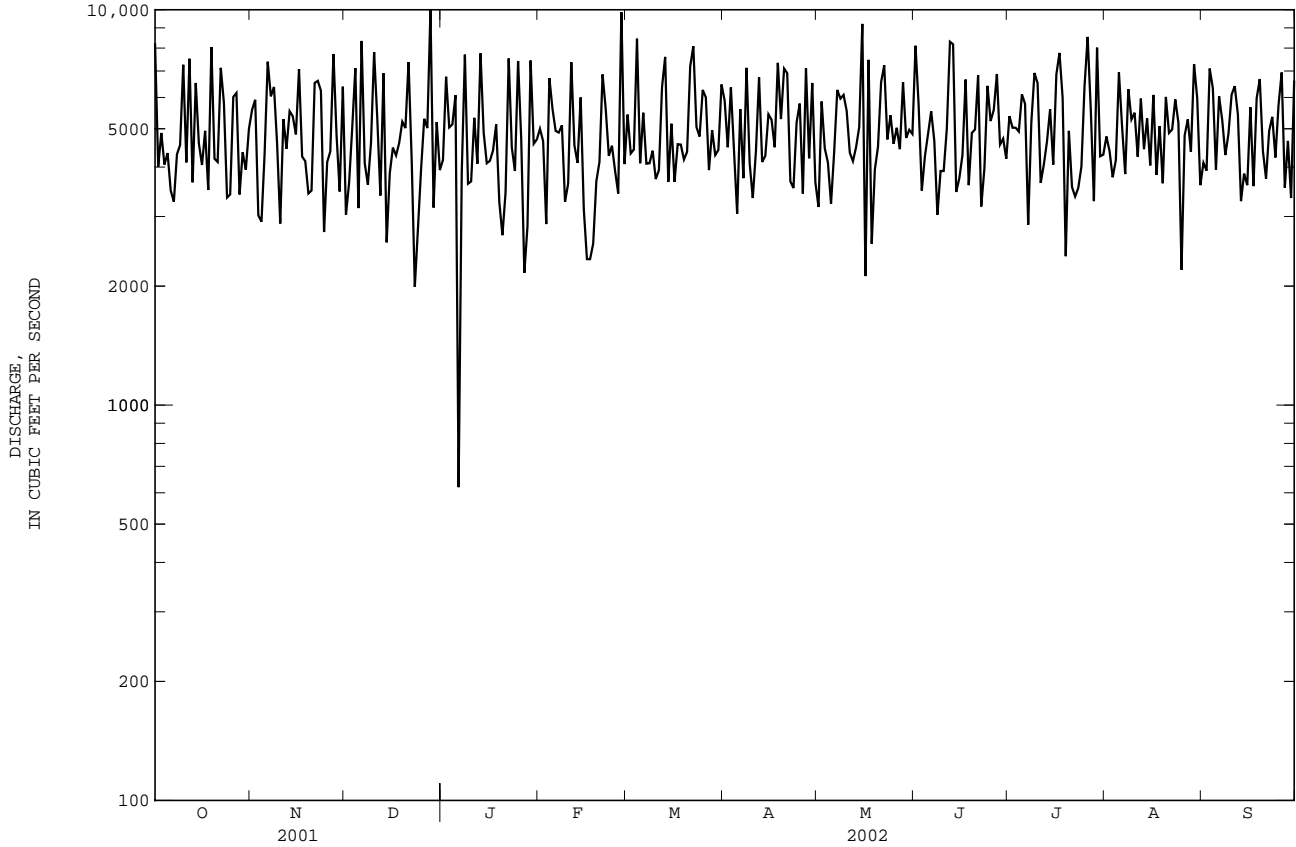




02172002 LAKE MOULTRIE TAILRACE CANAL AT MONCK'S CORNER, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1979 - 2002	
ANNUAL TOTAL	1684268		1806790		7823	
ANNUAL MEAN	4614		4950		18220	
HIGHEST ANNUAL MEAN					3804	
LOWEST ANNUAL MEAN					1988	
HIGHEST DAILY MEAN	10000	Dec 28	10000	Dec 28	33700	Nov 25 1979
LOWEST DAILY MEAN	156	Feb 17	620	Jan 6	-521	Jan 26 1993
ANNUAL SEVEN-DAY MINIMUM	3020	Jan 22	3450	Feb 13	1790	Mar 19 1985
MAXIMUM PEAK FLOW			26100	Nov 30	Unknown	
MAXIMUM PEAK STAGE			10.30	Aug 5	Unknown	
10 PERCENT EXCEEDS	6600		7100		19900	
50 PERCENT EXCEEDS	4450		4660		5410	
90 PERCENT EXCEEDS	2870		3350		2620	

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, 14.82 ft, Aug. 5; minimum gage height, 8.54 ft, Jan. 8, 20.

## GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	14.27	11.51	12.97	13.74	10.82	12.36	13.70	10.78	12.21	13.23	9.54	11.58
2	14.34	11.34	12.78	13.81	10.75	12.25	13.54	10.15	11.94	14.06	9.47	11.93
3	14.14	11.61	12.89	13.81	10.77	12.13	13.85	10.27	12.20	13.70	10.34	12.21
4	13.84	11.31	12.58	13.21	10.16	11.88	13.82	10.64	12.46	12.82	9.86	11.48
5	13.80	10.72	12.27	13.59	10.56	12.29	13.38	10.50	12.14	13.30	10.82	11.96
6	13.41	10.62	12.09	13.75	11.43	12.61	13.87	10.83	12.24	12.89	8.76	11.56
7	13.41	10.31	12.07	13.43	11.32	12.41	13.06	10.47	11.87	11.99	8.59	10.78
8	13.43	10.87	12.28	13.43	10.89	12.14	13.28	10.78	12.06	12.68	8.54	11.18
9	13.62	11.48	12.53	13.18	10.59	11.94	13.45	10.88	12.17	12.54	9.46	11.10
10	14.02	11.37	12.60	13.42	11.10	12.29	14.31	10.91	12.80	12.51	8.79	10.74
11	13.70	11.22	12.58	13.67	10.68	12.29	14.01	11.05	12.63	---	---	---
12	14.15	11.10	12.60	14.14	10.67	12.43	13.55	10.54	12.11	---	---	---
13	14.22	11.42	12.64	14.59	11.24	12.87	13.94	10.57	12.33	13.17	9.32	11.24
14	14.73	11.41	12.98	13.98	10.98	12.54	13.54	10.57	12.04	13.56	9.43	11.56
15	14.30	11.35	12.74	14.23	11.49	12.81	13.14	9.92	11.62	12.69	9.13	11.18
16	14.38	11.46	12.97	14.45	10.90	12.73	13.68	10.10	11.98	12.86	9.24	11.25
17	14.14	11.14	12.72	13.96	10.91	12.45	13.51	10.46	12.15	12.72	9.55	11.23
18	13.97	10.99	12.64	13.75	10.59	12.30	13.26	9.89	11.58	12.38	9.58	11.10
19	14.41	11.43	12.93	13.40	10.58	12.14	13.07	10.10	11.78	12.81	9.51	11.31
20	13.96	11.22	12.58	13.18	10.38	11.92	12.83	9.61	11.36	12.14	8.54	10.79
21	13.82	10.52	12.31	13.46	10.85	12.32	12.79	10.58	11.79	12.27	10.01	11.27
22	13.98	10.66	12.50	13.36	11.22	12.35	12.77	10.77	11.79	12.15	10.31	11.43
23	13.99	10.99	12.62	13.38	10.86	12.20	12.78	10.70	11.86	12.74	10.19	11.58
24	13.34	11.02	12.40	12.75	10.47	11.78	12.67	9.78	11.45	12.62	9.98	11.28
25	13.21	10.60	12.05	13.14	10.38	11.84	12.98	9.73	11.69	13.17	9.98	11.60
26	13.37	10.30	11.83	13.11	10.22	11.72	13.50	10.86	12.05	13.77	9.74	11.85
27	13.70	10.79	12.05	13.50	10.63	12.08	12.74	10.08	11.47	13.03	9.54	11.41
28	13.50	10.68	12.02	13.64	10.31	11.94	13.69	9.95	12.09	12.98	9.35	11.34
29	13.73	10.94	12.28	13.41	10.26	11.87	13.10	10.10	11.75	13.35	9.71	11.66
30	13.54	10.74	12.19	13.78	10.46	12.06	13.82	9.55	11.75	13.11	9.27	11.46
31	13.83	10.71	12.23	---	---	---	13.77	9.83	11.75	13.11	9.46	11.50
MONTH	14.73	10.30	12.48	14.59	10.16	12.23	14.31	9.55	11.97	---	---	---

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCK'S CORNER, SC--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	13.27	10.05	11.79	13.31	10.01	11.81	13.87	11.07	12.27	13.54	10.64	11.91
2	12.83	9.26	11.51	13.90	10.39	12.27	13.74	11.33	12.33	13.30	10.43	11.84
3	13.38	10.31	12.08	13.55	10.06	11.87	13.58	10.82	12.29	12.73	10.07	11.36
4	13.01	10.19	11.70	12.95	10.13	11.44	12.83	10.58	11.82	12.95	10.36	11.72
5	12.82	10.19	11.63	12.53	9.90	11.15	13.43	11.21	12.32	12.96	10.42	11.85
6	13.18	10.25	11.83	12.67	10.11	11.38	13.42	11.43	12.43	13.06	10.49	11.93
7	13.49	10.57	11.93	12.78	9.80	11.34	13.60	11.09	12.21	13.30	10.29	11.95
8	13.00	10.02	11.50	12.94	9.67	11.36	13.63	10.83	12.24	13.07	10.26	11.68
9	13.55	10.43	11.82	12.66	9.98	11.38	13.22	10.18	11.72	13.59	9.98	11.61
10	13.18	9.83	11.66	12.94	9.54	11.22	13.07	9.78	11.38	13.47	10.11	11.63
11	13.14	9.79	11.51	13.22	9.45	11.47	13.64	10.18	11.78	13.30	10.15	11.62
12	13.24	9.62	11.61	13.62	10.20	11.98	13.62	10.51	12.10	13.70	10.04	11.75
13	12.98	9.90	11.56	13.54	10.09	11.84	13.41	10.49	11.85	13.38	10.10	11.70
14	13.54	9.92	11.80	13.11	9.50	11.29	13.36	10.52	11.96	13.26	9.54	11.40
15	13.58	10.72	12.11	13.22	9.86	11.49	13.19	10.28	11.71	13.35	10.58	12.01
16	12.83	10.01	11.56	13.22	9.47	11.27	13.52	10.23	11.73	13.62	10.42	11.72
17	12.62	9.24	11.08	12.63	9.34	11.15	13.22	10.30	11.67	13.03	10.18	11.77
18	12.31	9.93	11.20	13.02	9.78	11.57	13.11	10.40	11.82	13.14	9.23	11.45
19	12.63	10.29	11.50	12.66	9.99	11.51	12.96	10.39	11.60	12.89	10.44	11.80
20	12.71	10.66	11.81	13.33	10.85	12.02	13.02	10.54	11.84	13.69	11.26	12.49
21	12.62	10.33	11.37	13.07	11.26	12.02	13.34	10.70	12.09	14.02	11.01	12.68
22	12.69	10.21	11.46	13.39	11.53	12.27	13.07	10.26	11.85	14.42	11.71	13.04
23	12.83	10.02	11.74	13.78	11.10	12.28	13.65	10.11	11.97	14.54	11.61	13.07
24	13.79	10.06	11.91	13.54	10.75	12.01	14.12	10.72	12.42	14.34	10.65	12.47
25	14.02	10.63	12.19	13.66	10.26	11.95	14.02	11.08	12.62	13.75	10.96	12.29
26	13.49	9.93	11.87	13.82	10.16	11.95	14.23	10.46	12.10	13.82	10.70	12.14
27	13.54	10.54	12.00	13.86	10.30	11.97	14.14	11.15	12.70	13.82	10.80	12.26
28	13.19	8.98	11.45	14.42	10.38	12.28	13.99	10.59	12.27	13.81	10.95	12.53
29	---	---	---	14.46	11.08	12.68	13.66	10.16	11.90	14.19	11.50	12.84
30	---	---	---	14.46	11.26	12.73	13.32	10.29	11.90	14.02	11.38	12.65
31	---	---	---	14.14	11.00	12.70	---	---	---	13.82	11.22	12.51
MONTH	14.02	8.98	11.69	14.46	9.34	11.80	14.23	9.78	12.03	14.54	9.23	12.05
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	13.58	11.09	12.44	12.94	10.02	11.78	13.66	10.70	12.27	13.91	10.77	12.33
2	13.35	10.96	12.29	13.14	10.04	11.83	13.98	10.97	12.54	13.86	10.82	12.46
3	13.30	10.99	12.33	13.31	9.82	11.73	14.09	10.97	12.56	14.61	12.14	13.10
4	13.66	11.29	12.58	13.39	10.22	11.79	14.14	11.06	12.61	14.29	11.83	12.86
5	13.74	11.26	12.43	13.50	10.34	11.86	14.82	11.21	12.71	14.03	10.61	12.35
6	13.87	10.88	12.27	13.62	10.90	12.08	14.79	11.68	12.98	14.78	10.54	12.42
7	13.89	10.22	12.05	13.94	10.45	12.06	14.58	12.06	13.14	14.62	11.05	12.75
8	14.18	11.11	12.46	13.82	10.30	12.04	14.74	12.10	13.29	14.45	11.42	12.73
9	14.14	11.47	12.63	14.06	9.97	11.88	14.65	12.14	13.26	14.07	11.02	12.69
10	14.01	10.95	12.55	13.43	10.22	11.76	14.41	11.98	13.07	14.03	11.18	12.91
11	13.94	10.90	12.37	13.26	9.63	11.32	14.15	11.39	12.78	14.43	11.58	12.99
12	13.94	11.10	12.55	13.73	10.39	12.04	13.94	11.11	12.69	14.07	10.89	12.75
13	13.97	11.11	12.53	14.01	11.13	12.44	13.76	10.78	12.48	13.79	11.23	12.65
14	13.97	10.99	12.32	13.90	10.79	12.31	13.50	10.62	12.41	13.61	10.88	12.13
15	13.71	10.88	12.27	13.16	9.98	11.84	13.66	10.70	12.35	13.32	10.71	12.02
16	13.66	11.02	12.50	13.62	10.37	12.27	13.67	10.18	12.06	13.65	9.74	11.87
17	13.90	11.08	12.73	13.75	10.15	12.32	13.34	9.94	11.85	13.66	10.12	11.80
18	13.71	11.06	12.56	14.30	10.93	12.52	13.42	9.51	11.69	14.14	10.83	12.31
19	14.14	10.67	12.54	13.51	9.86	11.99	13.57	9.94	11.75	14.35	10.91	12.49
20	14.10	10.52	12.45	13.59	10.58	11.91	13.98	10.42	11.98	13.99	11.50	12.65
21	14.56	10.95	12.59	13.56	10.75	12.04	13.74	10.55	11.99	13.66	11.31	12.60
22	14.30	11.01	12.61	13.96	10.10	11.96	13.86	10.79	12.14	13.86	11.18	12.64
23	13.72	10.82	12.24	14.02	9.58	11.77	13.61	10.86	12.13	13.86	11.35	12.63
24	13.85	10.69	12.10	13.54	10.19	11.83	13.51	10.55	12.03	13.64	11.07	12.44
25	13.73	10.23	11.98	13.30	10.10	11.74	13.39	10.50	11.89	13.86	11.31	12.84
26	13.69	10.38	11.90	13.53	10.18	11.86	13.50	10.83	12.31	14.28	11.70	13.11
27	13.42	10.23	11.70	13.53	10.43	11.94	13.22	10.66	12.13	13.76	11.91	12.81
28	13.26	9.66	11.32	13.13	10.13	11.62	13.26	10.68	12.21	14.05	10.83	12.47
29	12.92	9.31	11.23	13.04	9.59	11.72	13.54	10.42	12.25	13.85	10.91	12.43
30	12.78	9.36	11.30	12.75	9.83	11.55	13.87	10.59	12.45	14.57	11.29	12.94
31	---	---	---	13.38	9.94	11.80	13.70	10.62	12.28	---	---	---
MONTH	14.56	9.31	12.26	14.30	9.58	11.92	14.82	9.51	12.40	14.78	9.74	12.57

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 Dec. 30 to Jan. 16, July 15 to Aug. 5, which are good, and Sep. 9 to Sep. 30, which are poor. Temperature records rated excellent except for Nov. 29 to Dec. 11, June 25, 26, which are good, Apr. 8 to Apr. 17, which are fair, and Jan. 25 to Feb. 4, which are poor.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 334 microsiemens, Sep. 17, 1985; minimum, 40 microsiemens, Sep. 7, 1987.

pH: Maximum, 8.4 units, Jul. 26, 27, 1988; minimum, 5.6 units, Sep. 7, 1987.

WATER TEMPERATURE: Maximum, 32.5°C, Jul. 21, 1986; minimum, 2.5°C, Jan. 12-13, 1981, Dec. 25, 1989.

DISSOLVED OXYGEN: Maximum, 13.7 mg/L, Jan. 20, 23, 1988; minimum, 0.0 mg/L, Sep. 24, 25, 1989.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 220 microsiemens, Feb. 26; minimum, 136 microsiemens, July 23.

WATER TEMPERATURE: Maximum, 30.2°C, Jul. 20; minimum, 7.7°C, Jan. 5, 8, 9.

## SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	142	139	140	159	139	143	147	141	143	161	148	151
2	142	139	140	153	140	142	151	142	145	152	147	149
3	151	139	143	152	140	143	159	142	145	152	148	149
4	143	139	141	162	140	144	148	141	142	152	148	150
5	144	140	141	167	141	146	157	141	144	151	149	150
6	146	140	142	149	138	141	146	141	142	151	149	150
7	147	140	142	141	137	139	147	141	143	151	149	150
8	149	140	142	141	138	140	152	142	144	152	149	150
9	145	139	141	144	138	140	152	142	144	152	149	151
10	146	139	141	146	139	141	152	142	145	154	150	152
11	144	139	141	149	140	143	146	142	143	156	152	154
12	158	140	144	154	139	144	151	143	145	154	151	153
13	147	140	143	152	139	143	150	143	145	154	151	152
14	151	141	145	172	139	145	154	141	145	153	151	152
15	146	140	143	147	139	141	158	143	146	153	151	152
16	150	140	143	154	139	143	152	143	145	153	150	152
17	153	140	143	157	139	142	158	142	146	154	151	152
18	148	139	142	144	139	141	148	142	144	153	152	152
19	143	137	140	166	139	144	155	142	145	154	152	153
20	142	137	139	154	140	143	148	142	144	155	152	153
21	146	138	141	160	139	143	144	141	143	157	152	154
22	147	140	143	142	139	140	147	142	144	159	151	153
23	146	140	142	141	140	140	149	144	146	156	152	153
24	146	141	142	144	140	141	149	146	147	156	152	154
25	144	141	142	144	141	142	161	147	150	156	152	153
26	144	139	142	147	142	144	166	145	150	154	152	153
27	141	139	140	146	141	143	154	145	148	170	153	157
28	143	138	140	143	141	142	150	145	146	191	154	160
29	142	139	140	149	142	144	151	146	147	176	154	157
30	147	139	141	154	142	146	152	146	149	169	153	156
31	149	139	142	---	---	---	155	148	150	187	154	160
MONTH	158	137	142	172	137	142	166	141	145	191	147	153



## COOPER RIVER BASIN

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCK'S CORNER, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	22.4	21.7	22.1	17.8	17.1	17.5	17.1	16.3	16.7	11.6	10.8	11.1
2	22.5	21.7	22.1	18.4	17.5	17.9	17.4	16.5	16.9	10.9	9.8	10.3
3	22.6	21.8	22.2	18.4	17.3	17.9	17.2	16.2	16.6	9.8	8.7	9.1
4	22.7	21.9	22.3	18.8	17.6	18.1	16.7	15.9	16.2	9.2	8.2	8.6
5	22.5	22.0	22.3	18.3	17.1	17.6	16.9	16.5	16.7	8.7	7.7	8.2
6	22.6	22.0	22.4	17.1	16.7	16.9	17.0	16.6	16.8	9.1	8.1	8.5
7	22.4	21.4	21.8	17.2	16.5	16.7	17.2	16.8	17.0	8.9	8.2	8.6
8	21.4	20.5	20.9	16.8	16.3	16.5	17.4	16.9	17.1	8.2	7.7	8.0
9	20.5	19.9	20.2	16.8	16.5	16.7	17.8	17.3	17.5	8.2	7.7	8.0
10	20.4	20.0	20.2	16.8	16.5	16.7	17.5	16.6	17.1	8.9	8.0	8.4
11	20.7	20.1	20.4	17.0	16.5	16.7	16.8	16.6	16.7	9.7	8.7	9.1
12	21.0	20.6	20.8	16.8	16.3	16.5	---	---	---	9.1	8.0	8.5
13	21.2	20.3	20.7	16.3	15.8	16.0	---	---	---	9.0	8.4	8.7
14	21.1	20.6	20.8	15.8	15.6	15.7	---	---	---	8.8	8.0	8.4
15	21.0	20.3	20.7	15.9	15.6	15.8	---	---	---	9.4	8.3	8.7
16	21.0	20.1	20.6	16.3	15.5	15.9	---	---	---	9.3	8.5	8.9
17	20.8	19.5	19.9	16.4	15.8	16.1	---	---	---	9.9	8.8	9.3
18	19.7	19.0	19.3	16.2	15.7	16.0	---	---	---	9.9	9.2	9.6
19	19.8	19.0	19.3	16.5	15.9	16.2	---	---	---	10.8	9.6	10.1
20	20.2	19.4	19.8	16.4	15.9	16.2	---	---	---	11.2	10.6	10.8
21	20.7	20.0	20.3	16.2	15.4	15.8	---	---	---	11.0	10.3	10.7
22	20.9	20.1	20.6	15.6	14.9	15.2	15.3	14.5	14.8	10.6	9.6	10.1
23	20.6	20.0	20.3	15.5	15.2	15.4	14.5	14.1	14.3	10.4	9.8	10.2
24	21.2	20.3	20.7	16.1	15.4	15.7	14.7	14.2	14.4	11.6	9.6	10.6
25	21.5	20.8	21.1	16.6	16.0	16.3	14.6	13.6	13.9	---	---	---
26	20.8	19.9	20.2	17.0	16.2	16.6	13.7	13.1	13.4	---	---	---
27	20.1	18.7	19.3	16.6	16.1	16.4	13.2	12.2	12.7	---	---	---
28	18.7	17.2	17.7	16.8	16.2	16.5	12.8	11.9	12.4	12.9	12.0	12.4
29	17.2	16.7	16.9	17.2	16.4	16.8	12.8	12.2	12.5	12.7	11.0	12.0
30	17.2	16.3	16.8	17.4	16.5	17.0	12.6	12.1	12.2	13.5	11.5	12.4
31	17.6	16.5	17.1	---	---	---	12.1	11.5	11.6	14.2	12.2	13.3
MONTH	22.7	16.3	20.3	18.8	14.9	16.5	---	---	---	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	11.5	10.3	10.8	19.4	18.0	18.5	23.2	22.4	22.8
2	---	---	---	12.1	10.8	11.2	19.4	17.8	18.6	24.0	22.9	23.4
3	---	---	---	13.3	12.1	12.7	19.6	18.8	19.0	24.1	23.5	23.7
4	---	---	---	13.1	11.3	12.1	19.3	18.1	18.7	24.0	23.4	23.7
5	12.3	11.2	11.5	11.3	10.6	11.0	18.4	17.7	18.1	23.4	22.4	22.9
6	11.3	10.8	10.9	11.8	10.9	11.3	18.6	17.7	18.2	23.4	22.5	22.9
7	11.4	11.0	11.2	12.4	10.9	11.5	18.6	17.5	18.1	24.0	23.1	23.5
8	11.7	10.8	11.3	12.5	11.6	12.1	18.9	18.0	18.5	24.2	23.2	23.8
9	12.2	11.1	11.5	13.2	11.9	12.6	19.7	18.7	19.1	24.9	23.6	24.3
10	13.1	12.0	12.5	13.6	12.2	12.9	19.5	19.0	19.2	24.9	23.7	24.4
11	13.1	12.6	12.8	13.2	12.1	12.6	19.6	18.7	19.2	25.2	24.1	24.6
12	12.8	12.0	12.5	13.0	12.4	12.7	19.6	19.1	19.4	25.5	23.9	24.8
13	12.8	12.0	12.2	13.7	12.8	13.3	19.9	19.0	19.5	25.4	24.1	24.8
14	12.5	11.6	12.0	14.5	12.7	13.6	20.4	19.2	19.8	25.4	23.7	24.3
15	12.3	11.5	11.8	15.2	13.8	14.5	20.9	19.9	20.4	24.4	23.2	23.9
16	12.6	11.6	12.0	16.0	14.4	15.0	21.2	19.6	20.5	24.4	23.4	24.0
17	12.8	11.8	12.2	16.6	15.4	16.0	22.0	20.6	21.3	24.5	23.8	24.2
18	12.2	11.4	11.8	17.2	15.5	16.1	22.1	20.9	21.4	24.4	23.8	24.2
19	12.3	11.4	11.8	17.2	15.6	16.4	22.1	21.0	21.5	23.8	22.2	22.9
20	12.9	12.0	12.4	17.7	15.6	16.4	22.2	21.2	21.6	22.3	21.2	21.8
21	13.4	12.5	12.9	17.0	14.9	15.5	22.5	21.2	21.9	22.4	21.5	22.0
22	13.1	12.4	12.8	15.5	14.3	15.0	23.3	22.0	22.6	22.2	21.2	21.6
23	12.9	12.1	12.6	16.0	14.9	15.6	23.0	22.5	22.7	22.3	21.2	21.8
24	12.4	11.7	12.0	16.7	15.5	16.1	23.9	22.5	23.2	23.3	21.8	22.5
25	13.0	12.0	12.5	17.4	16.3	16.6	23.6	22.2	22.7	23.6	22.3	22.9
26	13.8	12.7	13.2	17.7	16.5	17.1	23.1	21.9	22.5	23.7	22.5	23.1
27	13.7	11.3	12.4	18.2	16.5	17.2	23.0	21.9	22.2	23.9	22.5	23.1
28	11.3	10.1	10.6	18.2	17.0	17.7	23.1	21.8	22.4	23.7	22.5	23.0
29	---	---	---	18.4	16.9	17.7	23.5	22.7	23.1	23.5	22.3	22.8
30	---	---	---	18.7	17.8	18.2	23.3	22.6	22.8	23.4	22.7	23.0
31	---	---	---	19.1	17.6	18.3	---	---	---	24.5	22.8	23.5
MONTH	---	---	---	19.1	10.3	14.5	23.9	17.5	20.6	25.5	21.2	23.4

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCK'S CORNER, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	25.4	24.2	24.6	27.5	26.9	27.2	29.5	29.0	29.3	26.9	26.6	26.8
2	25.6	24.2	24.7	27.7	27.1	27.4	29.4	29.1	29.3	26.8	26.5	26.6
3	26.3	24.7	25.4	27.8	27.2	27.5	29.3	28.9	29.1	27.1	26.4	26.7
4	26.5	25.4	25.9	28.0	27.3	27.6	29.1	28.5	28.8	27.2	26.8	27.0
5	25.9	24.7	25.4	28.5	27.6	28.0	28.8	28.2	28.4	27.7	26.8	27.3
6	25.6	24.5	25.1	28.4	27.9	28.2	29.4	28.5	28.9	27.7	27.1	27.5
7	25.5	24.7	25.2	28.7	27.8	28.3	29.2	28.8	29.0	27.5	26.2	26.8
8	25.6	24.2	25.0	28.4	27.7	28.1	29.0	28.1	28.4	27.0	26.1	26.6
9	25.7	24.3	25.0	28.2	27.2	27.8	28.3	27.9	28.1	26.8	26.3	26.6
10	26.3	25.0	25.6	28.5	27.4	28.0	28.2	27.6	27.8	26.9	26.0	26.5
11	26.6	25.5	26.1	28.4	27.9	28.2	28.1	27.4	27.7	27.4	26.5	26.9
12	26.9	25.4	26.0	28.3	27.6	27.9	28.0	27.4	27.7	27.4	26.8	27.1
13	26.8	25.8	26.2	28.2	27.4	27.8	27.8	27.4	27.7	26.9	26.4	26.7
14	26.9	25.9	26.4	28.6	27.8	28.2	27.9	27.3	27.6	27.0	26.7	26.8
15	27.2	26.2	26.7	29.0	28.3	28.6	28.0	27.4	27.7	26.9	26.6	26.8
16	27.1	26.2	26.7	29.5	28.7	29.0	28.6	27.9	28.2	26.9	26.4	26.6
17	27.0	26.4	26.7	29.8	29.0	29.4	28.5	28.0	28.2	27.2	26.6	26.9
18	26.8	26.2	26.5	29.4	28.8	29.1	28.6	27.9	28.2	27.2	26.8	27.0
19	26.5	26.0	26.2	30.0	29.0	29.5	28.8	28.2	28.5	27.0	26.6	26.8
20	26.2	25.8	26.0	30.2	29.6	29.8	28.9	28.4	28.7	26.8	26.2	26.5
21	25.8	25.6	25.7	30.0	29.3	29.7	29.0	28.3	28.6	26.8	26.2	26.5
22	25.8	25.2	25.4	29.9	29.4	29.7	29.1	28.2	28.6	26.9	26.2	26.6
23	25.9	25.0	25.4	29.8	28.6	28.9	29.2	28.3	28.8	27.0	26.6	26.8
24	26.2	25.7	25.9	28.9	27.8	28.2	29.4	28.4	28.9	26.7	26.3	26.5
25	26.2	25.4	25.9	29.0	28.0	28.5	29.5	28.7	29.1	26.3	25.9	26.0
26	26.2	25.6	25.9	29.7	28.7	29.1	29.3	28.5	28.8	26.3	25.8	26.0
27	26.5	25.8	26.1	29.9	28.8	29.3	28.6	28.2	28.4	26.5	26.0	26.3
28	27.0	25.8	26.4	30.1	29.2	29.7	28.4	27.9	28.1	26.8	26.2	26.5
29	27.4	26.4	26.9	30.2	29.5	29.8	27.9	27.5	27.7	26.6	26.3	26.5
30	27.5	27.1	27.3	30.0	29.2	29.6	27.8	27.2	27.4	26.3	26.0	26.2
31	---	---	---	30.0	29.4	29.7	27.4	26.9	27.0	---	---	---
MONTH	27.5	24.2	25.9	30.2	26.9	28.6	29.5	26.9	28.3	27.7	25.8	26.7



## COOPER RIVER BASIN

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, 18.05 ft, Aug. 8; minimum gage height, 12.90 ft, Jan. 11.

## GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	17.75	15.80	16.81	17.23	15.08	16.20	17.13	14.97	16.05	16.67	13.88	15.42
2	17.74	15.67	16.73	17.19	15.01	16.11	17.00	14.43	15.79	17.25	13.86	15.73
3	17.64	15.93	16.80	17.18	14.95	15.99	17.21	14.54	16.01	17.14	14.64	16.01
4	17.47	15.59	16.54	16.75	14.45	15.74	17.30	14.84	16.26	16.36	13.85	15.31
5	17.28	15.07	16.22	17.11	14.77	16.12	17.04	14.80	16.00	16.69	14.75	15.71
6	17.01	14.95	16.04	17.28	15.40	16.41	17.23	14.72	16.00	16.47	13.17	15.42
7	17.03	14.65	16.00	17.04	15.33	16.21	16.63	14.59	15.69	15.55	12.92	14.58
8	17.07	15.07	16.20	16.95	14.79	15.91	16.82	14.80	15.86	15.93	12.91	14.90
9	17.22	15.58	16.42	16.72	14.60	15.77	16.83	15.02	15.98	16.06	13.73	14.92
10	17.44	15.46	16.45	17.00	15.14	16.10	17.67	15.07	16.55	15.87	13.08	14.56
11	17.31	15.46	16.48	17.12	14.90	16.09	17.50	15.36	16.48	---	---	---
12	17.56	15.31	16.44	17.46	14.93	16.24	16.99	14.86	15.98	---	---	---
13	17.63	15.56	16.55	17.84	15.47	16.67	17.26	14.79	16.12	16.41	13.65	15.04
14	18.01	15.73	16.83	17.42	15.29	16.40	17.04	14.83	15.92	16.82	13.73	15.36
15	17.77	15.61	16.68	17.68	15.60	16.63	16.60	14.22	15.48	16.19	13.50	15.03
16	17.80	15.81	16.88	17.72	15.20	16.55	17.02	14.34	15.80	16.34	13.51	15.09
17	17.64	15.58	16.67	17.45	15.27	16.35	17.02	14.68	15.97	16.23	13.86	15.07
18	17.54	15.44	16.60	17.24	14.91	16.17	16.87	14.23	15.45	15.93	13.75	14.92
19	17.79	15.60	16.79	16.95	14.83	16.00	16.59	14.27	15.59	16.25	13.76	15.12
20	17.52	15.57	16.55	16.74	14.61	15.78	16.38	13.90	15.22	15.65	12.94	14.66
21	17.28	14.91	16.24	17.01	14.95	16.10	16.44	14.66	15.58	15.94	14.01	15.11
22	17.43	14.99	16.37	16.94	15.24	16.18	16.39	14.85	15.62	15.78	14.36	15.17
23	17.43	15.31	16.49	16.90	15.07	16.03	16.43	14.86	15.71	16.31	14.18	15.38
24	17.01	15.32	16.34	16.44	14.64	15.65	16.32	13.91	15.30	16.15	14.09	15.11
25	16.76	14.90	15.99	16.55	14.57	15.65	16.49	13.91	15.50	16.43	14.03	15.34
26	16.84	14.50	15.69	16.50	14.43	15.55	16.92	14.89	15.87	16.94	13.97	15.65
27	17.11	15.00	15.93	16.93	14.72	15.85	16.32	14.14	15.30	16.51	13.87	15.29
28	16.97	14.96	15.97	16.99	14.58	15.77	16.92	14.01	15.78	16.42	13.69	15.18
29	17.23	15.25	16.20	16.81	14.49	15.71	16.68	14.35	15.61	16.73	13.79	15.41
30	17.09	15.05	16.12	17.08	14.66	15.88	17.05	13.89	15.56	16.55	13.71	15.30
31	17.23	15.05	16.15	---	---	---	17.02	14.13	15.59	16.55	13.84	15.33
MONTH	18.01	14.50	16.39	17.84	14.43	16.06	17.67	13.89	15.79	---	---	---

## 02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	16.75	14.33	15.59	16.77	14.21	15.61	17.42	15.04	16.13	16.92	14.65	15.67
2	16.38	13.65	15.33	17.28	14.62	16.09	17.22	15.22	16.14	16.75	14.59	15.56
3	16.88	14.61	15.92	17.12	14.27	15.78	17.10	14.94	16.11	16.30	14.10	15.13
4	16.57	14.21	15.47	16.46	13.92	15.20	16.47	14.66	15.65	16.36	14.41	15.45
5	16.23	14.26	15.41	16.03	13.89	14.96	16.98	15.37	16.15	16.55	14.60	15.64
6	16.57	14.37	15.63	16.15	14.03	15.15	17.01	15.54	16.26	16.49	14.60	15.68
7	17.03	14.86	15.79	16.14	13.85	15.14	17.06	15.33	16.13	16.64	14.45	15.70
8	16.42	14.23	15.32	16.25	13.82	15.18	17.07	15.09	16.12	16.51	14.23	15.43
9	16.84	14.55	15.64	16.17	14.09	15.20	16.65	14.43	15.67	16.83	14.02	15.35
10	16.58	14.10	15.51	16.30	13.84	15.05	16.55	14.14	15.36	16.75	14.14	15.39
11	16.50	14.08	15.32	16.51	13.70	15.27	17.03	14.50	15.70	16.69	14.22	15.39
12	16.65	13.89	15.42	16.88	14.41	15.77	17.07	14.83	15.99	16.97	14.15	15.53
13	16.44	14.14	15.39	16.89	14.36	15.68	16.88	14.77	15.72	16.77	14.08	15.48
14	16.94	14.18	15.60	16.46	13.77	15.15	16.88	14.70	15.80	16.67	13.76	15.20
15	17.00	14.95	15.97	16.56	14.10	15.29	16.72	14.49	15.52	16.82	14.64	15.71
16	16.48	14.22	15.44	16.56	13.77	15.12	16.86	14.29	15.55	17.05	14.35	15.55
17	16.18	13.57	14.97	16.17	13.62	14.96	---	---	---	16.51	14.30	15.50
18	15.93	14.11	15.03	16.46	14.05	15.41	16.53	14.45	15.50	16.65	13.66	15.34
19	16.15	14.30	15.31	16.22	14.20	15.33	16.42	14.31	15.33	16.42	14.50	15.58
20	16.27	14.74	15.58	16.84	14.90	15.84	16.47	14.47	15.52	17.12	15.28	16.26
21	16.22	14.17	15.16	16.66	15.07	15.82	16.72	14.71	15.76	17.35	15.25	16.44
22	16.08	14.16	15.24	16.94	15.29	16.06	16.59	14.39	15.60	17.67	15.84	16.78
23	16.34	14.14	15.54	17.16	14.92	16.09	16.98	14.25	15.68	17.81	15.86	16.88
24	17.01	14.30	15.75	16.92	14.85	15.82	17.35	14.83	16.12	17.57	14.85	16.32
25	17.28	14.76	15.99	16.90	14.47	15.74	17.25	15.23	16.33	17.21	14.85	16.11
26	16.90	14.23	15.71	17.13	14.39	15.74	17.40	14.64	15.88	17.25	14.86	15.94
27	16.93	14.57	15.75	17.14	14.60	15.82	17.39	15.24	16.40	17.25	15.05	16.07
28	16.62	13.43	15.29	17.64	14.67	16.08	17.39	14.73	16.05	17.39	15.18	16.30
29	---	---	---	17.69	15.37	16.51	17.02	14.24	15.63	17.64	15.79	16.73
30	---	---	---	17.72	15.44	16.56	16.71	14.44	15.66	17.55	15.70	16.52
31	---	---	---	17.48	15.33	16.51	---	---	---	17.36	15.49	16.36
MONTH	17.28	13.43	15.50	17.72	13.62	15.61	---	---	---	17.81	13.66	15.84
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	17.14	15.25	16.22	16.54	14.33	15.64	---	---	---	17.29	14.96	16.18
2	16.99	15.08	16.10	16.60	14.31	15.67	---	---	---	17.32	14.98	16.29
3	16.92	15.15	16.16	16.69	14.06	15.55	---	---	---	17.88	15.96	16.86
4	17.16	15.43	16.41	16.83	14.31	15.60	---	---	---	17.68	15.66	16.68
5	17.20	15.25	16.27	16.90	14.35	15.65	---	---	---	17.40	14.78	16.21
6	17.26	14.94	16.10	17.09	14.80	15.86	17.94	15.77	16.78	17.89	14.75	16.21
7	17.24	14.47	15.91	17.22	14.63	15.91	17.94	16.09	16.96	17.86	15.22	16.56
8	17.53	15.21	16.30	17.18	14.40	15.85	18.05	16.16	17.09	17.80	15.46	16.56
9	17.59	15.46	16.47	17.28	14.06	15.68	17.99	16.18	17.09	17.53	15.31	16.50
10	17.46	15.13	16.41	16.85	14.13	15.56	17.87	16.03	16.91	17.49	15.44	16.69
11	17.39	14.92	16.21	16.71	13.66	15.17	17.67	15.73	16.67	17.80	15.75	16.79
12	17.39	15.34	16.32	17.19	14.61	15.84	17.52	15.43	16.52	17.50	15.18	16.55
13	17.44	15.39	16.32	17.41	15.13	16.25	17.33	15.09	16.32	17.40	15.40	16.52
14	17.45	15.05	16.18	17.36	15.07	16.12	17.09	14.86	16.22	17.03	14.94	15.96
15	17.23	15.12	16.10	16.78	14.31	15.69	17.14	14.84	16.17	17.00	14.79	15.91
16	17.17	15.22	16.31	17.06	14.55	16.03	17.02	14.30	15.84	16.99	14.03	15.72
17	17.32	15.33	16.51	17.08	14.45	16.08	16.77	14.10	15.66	16.99	14.24	15.62
18	17.31	15.34	16.42	17.53	14.91	16.29	16.81	13.73	15.49	17.46	14.98	16.09
19	17.45	14.92	16.34	16.95	14.20	15.86	16.91	14.03	15.55	17.65	15.05	16.29
20	17.41	14.84	16.29	17.02	14.48	15.69	17.27	14.41	15.76	17.45	15.55	16.48
21	17.77	15.00	16.39	17.04	14.76	15.87	17.14	14.52	15.80	17.25	15.52	16.44
22	17.62	15.36	16.51	17.26	14.27	15.80	17.26	14.96	15.95	17.41	15.38	16.45
23	17.21	14.81	16.11	17.22	13.94	15.63	17.09	14.79	15.95	17.41	15.56	16.46
24	17.26	14.74	15.90	16.91	14.34	15.65	17.02	14.80	15.85	17.23	15.31	16.30
25	17.17	14.28	15.81	16.84	14.38	15.52	16.93	14.76	15.78	17.46	15.50	16.66
26	17.12	14.45	15.73	16.94	14.43	15.62	16.95	15.00	16.11	17.80	16.06	17.03
27	16.92	14.36	15.50	17.01	14.68	15.75	16.89	14.88	15.98	17.50	16.01	16.75
28	16.76	13.72	15.17	16.72	14.38	15.48	16.93	14.96	16.08	17.47	15.10	16.35
29	16.30	13.68	15.09	16.40	13.89	15.48	17.00	14.68	16.06	17.28	15.11	16.29
30	16.21	13.67	15.14	16.42	14.10	15.39	17.31	14.86	16.29	17.83	15.45	16.71
31	---	---	---	16.74	14.18	15.62	17.14	14.89	16.18	---	---	---
MONTH	17.77	13.67	16.09	17.53	13.66	15.74	---	---	---	17.89	14.03	16.40

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. Temperature records rated good except for June 27 to Aug. 5 and Aug. 20 to Sep. 9, 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, 484 microsiemens, Feb. 26; minimum, 126 microsiemens, Sep. 28.

WATER TEMPERATURE: Maximum, 29.8°C, Aug. 23, 24; minimum, 7.4°C, Jan. 4.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	153	141	146	217	151	167	182	144	157	236	162	185
2	149	142	145	197	148	160	204	149	165	185	159	172
3	157	144	148	181	147	157	231	153	178	213	159	175
4	151	142	147	209	148	166	197	143	163	182	159	168
5	155	143	148	242	152	180	230	143	168	167	157	163
6	157	143	150	190	147	165	175	153	161	166	158	161
7	163	143	151	161	143	148	173	153	159	166	158	162
8	166	144	151	154	143	147	184	155	165	166	159	163
9	167	145	151	162	143	149	184	158	169	165	159	161
10	157	145	150	167	145	153	231	161	187	167	159	162
11	153	142	149	191	148	164	178	158	168	177	161	165
12	155	143	150	216	153	178	188	157	167	172	160	165
13	---	---	---	212	155	180	211	159	178	168	160	164
14	---	---	---	322	158	197	197	156	170	163	159	161
15	---	---	---	210	152	179	216	160	176	171	159	163
16	189	149	159	218	155	183	207	163	180	163	156	160
17	191	151	163	209	153	173	219	160	177	162	156	158
18	196	149	161	169	147	158	174	157	167	160	156	158
19	176	148	161	221	147	168	213	156	174	164	155	158
20	157	144	151	189	147	161	180	154	165	166	156	160
21	159	144	154	213	148	169	166	153	156	174	157	165
22	---	---	---	202	145	156	157	153	155	178	157	166
23	---	---	---	149	142	144	166	154	158	173	156	162
24	156	144	149	153	142	146	168	156	161	175	157	164
25	158	146	151	156	145	149	244	157	191	169	156	163
26	161	146	151	163	146	152	327	178	214	171	157	163
27	151	144	147	161	142	151	198	161	180	229	158	181
28	158	144	148	149	143	147	184	159	172	310	169	210
29	158	146	149	167	144	150	188	157	167	224	166	194
30	170	147	155	193	147	159	180	161	171	239	162	184
31	173	149	159	---	---	---	214	159	179	265	166	194
MONTH	---	---	---	322	142	162	327	143	171	310	155	169

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	190	163	178	246	175	202	219	166	188	227	165	188
2	232	163	185	234	183	202	208	166	181	221	166	186
3	213	166	184	215	176	188	204	166	177	184	160	165
4	218	169	183	193	168	177	176	165	170	177	160	167
5	179	163	170	176	166	169	183	164	174	173	158	165
6	188	162	174	178	167	172	192	168	176	182	158	168
7	187	165	174	178	167	172	181	169	174	181	160	167
8	175	164	169	181	168	173	177	167	172	164	154	159
9	179	166	172	187	169	175	177	166	171	161	154	157
10	214	167	183	179	169	173	176	166	171	158	154	156
11	183	165	174	188	172	179	174	167	171	162	154	156
12	178	163	169	212	174	189	175	166	170	165	156	160
13	179	165	170	182	168	176	170	164	168	167	156	161
14	174	164	168	178	167	171	174	165	169	169	156	160
15	166	162	164	178	168	173	177	166	170	170	154	160
16	172	162	167	176	169	173	171	163	167	158	155	157
17	173	165	168	176	168	173	168	162	166	171	157	161
18	174	165	169	183	168	174	171	162	166	164	156	159
19	176	165	170	183	167	175	166	161	164	173	156	164
20	182	165	170	192	167	179	165	161	162	188	160	173
21	169	165	167	177	167	170	164	158	162	208	165	181
22	171	164	167	174	164	168	163	160	161	213	166	186
23	182	165	171	171	164	166	172	160	164	209	165	184
24	235	166	191	171	165	168	190	165	174	209	170	184
25	216	172	187	177	166	170	202	168	183	202	165	185
26	484	179	279	182	167	171	271	173	192	209	167	182
27	337	173	239	189	167	172	292	171	223	221	172	191
28	235	171	193	232	172	194	215	172	188	239	172	199
29	---	---	---	242	183	207	229	163	183	224	176	190
30	---	---	---	257	179	218	196	165	176	211	173	185
31	---	---	---	276	174	212	---	---	---	196	169	177
MONTH	484	162	181	276	164	180	292	158	174	239	154	172
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	180	168	174	163	158	161	---	---	---	160	154	156
2	174	167	170	163	159	161	---	---	---	193	153	162
3	176	167	171	164	159	162	---	---	---	198	156	169
4	182	170	175	164	160	162	---	---	---	164	154	159
5	180	169	174	164	161	162	---	---	---	172	155	159
6	175	161	169	164	160	162	237	161	177	180	157	167
7	168	160	163	193	161	166	323	166	205	187	158	170
8	186	161	167	191	163	173	399	172	242	205	160	175
9	223	163	175	170	160	167	272	172	211	264	163	193
10	247	169	192	167	160	164	300	167	212	296	163	212
11	260	166	196	170	158	163	246	168	198	189	165	173
12	239	161	190	187	162	173	215	162	189	235	160	189
13	184	160	170	215	165	185	220	162	184	233	159	179
14	170	160	165	212	166	182	227	166	188	185	160	171
15	187	161	173	193	164	174	203	160	175	172	157	166
16	202	165	183	193	162	173	183	162	171	172	157	163
17	200	167	182	176	160	168	179	160	170	172	155	161
18	188	163	175	175	158	164	176	159	167	172	158	165
19	181	164	172	174	158	163	186	158	167	168	156	162
20	184	165	174	177	158	165	186	159	169	168	156	161
21	183	161	171	193	159	168	169	158	164	176	157	165
22	174	159	164	205	162	174	174	157	166	186	159	169
23	174	158	164	206	165	181	174	158	166	179	157	166
24	172	159	164	203	162	182	170	160	163	175	159	163
25	166	159	163	194	156	173	168	159	162	185	159	167
26	166	159	162	178	156	165	178	162	171	159	148	154
27	163	158	161	162	156	158	174	155	166	155	133	146
28	161	158	160	161	156	158	167	155	161	155	126	144
29	163	159	161	163	157	160	164	154	159	161	141	152
30	164	160	162	167	155	159	161	153	157	159	154	156
31	---	---	---	162	157	159	160	151	156	---	---	---
MONTH	260	158	171	215	155	167	---	---	---	296	126	166

## COOPER RIVER BASIN

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	18.1	16.9	17.5	18.0	17.1	17.7	11.6	10.8	11.3
2	---	---	---	18.8	18.0	18.3	18.3	17.2	17.7	11.0	9.5	10.2
3	---	---	---	19.0	18.2	18.7	17.8	16.8	17.4	9.6	8.4	9.0
4	---	---	---	19.2	18.4	18.8	17.0	16.2	16.6	8.8	7.4	8.3
5	---	---	---	18.8	17.6	18.4	17.3	16.4	16.8	8.7	8.0	8.3
6	---	---	---	17.6	16.7	17.2	17.2	16.5	16.9	8.8	8.2	8.5
7	---	---	---	17.1	16.3	16.8	17.5	16.9	17.2	8.9	8.3	8.7
8	---	---	---	17.1	16.2	16.7	17.7	17.2	17.5	8.7	7.9	8.2
9	---	---	---	17.2	16.6	16.9	18.2	17.7	17.9	8.5	7.7	8.0
10	---	---	---	17.3	16.5	16.9	17.9	17.0	17.5	9.2	8.0	8.4
11	---	---	---	17.4	16.6	17.0	17.0	16.6	16.8	9.8	8.6	9.1
12	---	---	---	17.2	16.5	16.9	16.8	16.4	16.6	9.9	8.9	9.4
13	---	---	---	16.7	16.0	16.3	17.3	16.7	17.0	10.2	9.2	9.6
14	---	---	---	16.3	15.6	16.1	17.9	17.1	17.4	9.6	8.8	9.2
15	---	---	---	16.5	16.0	16.2	18.2	17.7	17.9	9.6	8.7	9.2
16	---	---	---	16.7	15.8	16.2	17.9	17.0	17.5	9.5	8.8	9.2
17	---	---	---	16.8	15.4	16.3	17.6	16.7	17.1	9.7	8.9	9.3
18	---	---	---	16.8	16.1	16.5	17.4	16.9	17.1	9.7	9.1	9.5
19	---	---	---	17.0	15.8	16.4	17.2	16.3	16.8	10.6	9.5	10.0
20	---	---	---	17.0	15.7	16.5	16.4	15.6	16.0	11.0	10.4	10.6
21	---	---	---	16.6	15.7	16.2	15.7	14.8	15.2	10.8	10.5	10.7
22	---	---	---	16.2	15.4	15.6	15.1	14.3	14.7	10.8	10.0	10.3
23	21.2	20.7	20.9	15.5	14.7	15.2	14.6	14.2	14.4	10.7	9.8	10.3
24	21.6	20.5	21.1	16.5	14.8	15.8	14.8	14.4	14.6	11.8	10.4	11.2
25	22.7	21.0	21.6	17.2	16.4	16.7	14.4	13.8	14.0	12.0	11.0	11.6
26	21.5	19.8	20.7	17.8	16.8	17.2	13.8	12.9	13.4	11.6	10.8	11.2
27	19.8	18.6	19.2	18.0	16.9	17.3	12.9	12.1	12.4	12.1	10.9	11.5
28	18.6	17.3	17.7	17.8	16.7	17.2	12.3	11.7	12.0	12.9	11.7	12.2
29	17.4	16.6	17.0	18.1	17.0	17.6	12.7	11.9	12.3	13.5	11.8	12.7
30	17.1	15.9	16.7	18.3	17.2	17.9	12.4	12.0	12.2	13.7	12.3	13.0
31	17.4	16.0	16.9	---	---	---	12.1	11.4	11.8	14.4	13.0	13.7
MONTH	---	---	---	19.2	14.7	16.9	18.3	11.4	15.8	14.4	7.4	10.1
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	14.5	12.9	14.0	12.1	11.2	11.8	20.0	18.4	19.1	23.2	22.7	22.9
2	14.6	13.4	14.1	12.8	11.7	12.1	19.5	18.4	19.1	24.0	23.1	23.5
3	13.9	12.5	13.1	13.8	12.7	13.2	20.1	18.8	19.4	24.2	23.7	24.0
4	12.8	11.5	12.2	13.8	12.2	12.9	20.1	18.5	19.1	24.1	23.7	23.9
5	11.5	10.6	11.0	12.2	11.2	11.5	18.8	17.9	18.4	23.7	22.9	23.2
6	10.7	10.4	10.6	12.2	11.2	11.7	18.4	17.8	18.0	23.7	22.6	23.2
7	11.0	10.5	10.8	12.9	11.9	12.3	18.5	17.4	17.9	24.3	23.1	23.7
8	11.7	10.6	11.0	13.5	12.5	13.0	18.7	17.6	18.1	24.9	23.6	24.2
9	12.2	10.8	11.4	14.7	13.1	13.8	19.9	18.3	18.9	25.6	24.0	24.7
10	12.7	11.6	12.1	15.4	13.8	14.5	19.7	19.0	19.3	25.7	24.4	25.0
11	13.1	12.3	12.6	14.9	13.6	14.2	19.9	18.7	19.2	25.7	24.6	25.2
12	12.8	11.8	12.3	14.6	13.6	14.1	20.1	19.1	19.5	26.2	24.9	25.4
13	12.5	11.8	12.1	15.4	13.9	14.6	20.3	19.2	19.6	26.5	25.1	25.7
14	12.2	11.3	11.8	16.1	14.0	14.9	20.7	19.6	20.0	25.7	24.3	25.0
15	12.0	11.5	11.7	16.6	15.0	15.7	21.2	20.0	20.5	24.7	23.8	24.3
16	12.2	11.4	11.8	17.0	15.4	16.3	21.7	20.4	20.9	24.6	23.6	24.2
17	12.2	11.5	11.9	17.4	16.0	16.7	22.6	20.9	22.1	24.6	24.0	24.4
18	11.8	11.3	11.6	18.0	16.5	17.2	22.6	21.9	22.3	24.8	24.2	24.5
19	11.8	11.1	11.6	17.9	16.3	17.3	22.5	21.3	22.1	24.2	22.5	23.3
20	13.0	11.8	12.2	18.1	16.3	17.5	23.0	21.9	22.3	22.6	21.9	22.2
21	13.7	12.9	13.3	17.8	15.6	16.6	23.1	21.5	22.4	22.4	21.6	22.0
22	13.6	13.0	13.3	15.9	14.8	15.3	23.5	22.2	22.9	22.3	21.4	21.8
23	13.2	12.5	12.9	15.8	14.6	15.3	23.5	22.5	22.9	22.6	21.1	21.9
24	13.2	12.1	12.6	16.7	15.2	15.9	23.7	22.5	23.1	23.4	21.7	22.5
25	13.5	12.1	12.7	17.7	16.1	16.8	24.1	22.9	23.4	24.1	22.6	23.3
26	14.2	12.8	13.4	18.5	16.7	17.5	23.4	22.3	23.1	24.6	23.2	23.8
27	13.8	12.2	13.2	19.1	17.2	18.2	23.3	22.2	22.8	24.5	23.4	24.0
28	12.3	11.2	11.9	18.7	17.6	18.2	23.5	22.2	22.7	24.6	23.4	24.1
29	---	---	---	19.1	17.6	18.4	23.9	23.0	23.4	24.5	23.6	23.9
30	---	---	---	19.5	18.4	18.9	23.5	22.7	23.0	24.3	23.5	23.9
31	---	---	---	19.6	18.5	19.2	---	---	---	24.7	23.3	24.0
MONTH	14.6	10.4	12.3	19.6	11.2	15.3	24.1	17.4	20.9	26.5	21.1	23.8

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	25.6	24.3	25.0	---	---	---	---	---	---	26.5	26.1	26.4
2	26.0	24.8	25.5	---	---	---	---	---	---	26.4	26.1	26.3
3	26.6	25.4	26.1	---	---	---	---	---	---	27.2	26.1	26.5
4	27.0	26.0	26.6	---	---	---	---	---	---	27.7	26.4	26.9
5	27.3	26.0	26.7	---	---	---	---	---	---	27.9	26.8	27.3
6	26.9	25.4	26.1	---	---	---	29.6	28.2	28.9	28.1	27.3	27.6
7	26.2	25.1	25.6	---	---	---	29.4	28.4	28.9	27.8	26.7	27.3
8	25.8	24.6	25.4	---	---	---	28.7	27.9	28.3	27.4	26.6	26.9
9	26.2	24.8	25.4	---	---	---	28.4	27.4	27.9	27.0	26.3	26.7
10	26.1	24.8	25.5	---	---	---	28.0	27.1	27.7	26.9	25.8	26.4
11	26.6	25.1	25.9	---	---	---	28.1	27.1	27.7	27.0	26.1	26.6
12	27.1	25.7	26.4	---	---	---	28.1	27.2	27.7	27.0	26.5	26.8
13	27.0	25.8	26.3	---	---	---	28.0	27.3	27.7	27.0	26.5	26.7
14	27.0	26.1	26.6	---	---	---	27.9	27.4	27.7	26.9	26.4	26.7
15	27.4	26.6	27.0	---	---	---	28.0	27.4	27.7	26.8	26.4	26.6
16	27.3	26.7	27.0	---	---	---	28.6	27.7	28.1	26.9	26.2	26.5
17	27.1	26.7	26.9	---	---	---	28.9	28.0	28.3	27.2	26.3	26.7
18	26.8	26.4	26.6	---	---	---	29.0	28.0	28.5	27.0	26.4	26.8
19	26.7	26.1	26.4	---	---	---	29.1	28.1	28.6	26.8	26.4	26.7
20	26.4	26.0	26.2	---	---	---	29.4	28.3	28.8	27.0	26.1	26.5
21	26.0	25.5	25.7	---	---	---	29.5	28.6	29.0	26.9	26.0	26.5
22	25.5	25.1	25.3	---	---	---	29.4	28.6	29.0	27.1	25.9	26.5
23	25.8	24.9	25.3	---	---	---	29.8	28.5	29.0	26.9	26.3	26.6
24	26.3	25.5	25.8	---	---	---	29.8	28.7	29.2	26.6	26.1	26.4
25	26.6	26.0	26.2	---	---	---	29.5	28.7	29.1	26.1	25.6	25.9
26	26.9	26.0	26.3	---	---	---	29.2	28.5	29.0	25.8	25.2	25.6
27	---	---	---	---	---	---	28.7	28.2	28.5	26.2	25.3	25.8
28	---	---	---	---	---	---	28.2	27.7	28.0	26.4	25.5	26.0
29	---	---	---	---	---	---	27.8	27.2	27.4	26.3	25.8	26.1
30	---	---	---	---	---	---	27.4	26.6	27.0	26.2	25.8	25.9
31	---	---	---	---	---	---	26.8	26.0	26.6	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	28.1	25.2	26.5



COOPER RIVER BASIN

02172050 COOPER RIVER NEAR GOOSE CREEK, SC--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	17.66	13.16	15.55	17.70	12.98	15.58	18.22	13.89	16.06	17.94	13.90	15.83
2	17.25	12.63	15.41	18.10	13.63	16.14	18.11	14.35	16.19	17.66	13.90	15.65
3	17.75	13.88	16.00	17.83	13.15	15.62	---	---	---	17.02	13.45	15.20
4	17.41	13.00	15.37	17.28	12.65	15.04	---	---	---	17.04	13.98	15.79
5	17.03	13.64	15.49	16.89	12.99	15.05	17.76	14.98	16.37	17.27	14.11	15.85
6	17.40	14.05	15.87	17.06	13.27	15.20	17.74	14.84	16.31	17.28	14.20	15.93
7	17.85	13.25	15.80	16.91	13.31	15.27	17.53	14.67	16.18	17.24	13.80	15.85
8	17.13	13.16	15.45	16.93	13.46	15.38	17.59	14.55	16.09	17.27	13.55	15.57
9	17.44	13.82	15.77	---	---	---	17.15	13.55	15.64	17.54	13.29	15.55
10	17.52	13.49	15.70	---	---	---	17.06	13.23	15.36	17.49	13.29	15.53
11	17.19	13.21	15.32	17.36	13.05	15.55	17.54	13.83	15.78	17.73	13.30	15.57
12	17.58	13.22	15.57	---	---	---	17.66	14.14	15.96	17.85	13.42	15.74
13	17.34	13.38	15.50	---	---	---	17.77	13.74	15.79	17.62	13.24	15.58
14	17.71	13.59	15.74	17.23	13.02	15.23	17.55	13.91	15.86	17.76	13.03	15.28
15	17.75	14.20	16.05	17.19	13.27	15.38	17.65	13.62	15.58	17.90	13.89	15.78
16	17.20	13.55	15.55	16.90	12.92	15.19	---	---	---	17.91	13.51	15.64
17	16.97	12.95	15.02	17.27	13.07	15.11	17.55	13.79	15.58	17.44	13.70	15.55
18	16.69	13.68	15.21	17.32	13.37	15.50	17.45	13.86	15.61	17.51	12.74	15.34
19	16.97	13.70	15.42	17.22	13.80	15.52	17.31	13.65	15.53	17.22	14.04	15.85
20	17.05	14.14	15.64	17.65	14.30	15.96	---	---	---	17.84	14.60	16.46
21	---	---	---	17.36	14.30	15.86	---	---	---	17.97	14.52	16.60
22	16.87	13.39	15.33	17.74	14.64	16.10	17.43	13.56	15.80	18.45	15.09	16.99
23	17.23	13.65	15.75	17.71	14.08	16.13	17.98	13.55	16.06	18.47	14.94	17.00
24	17.68	13.78	16.04	17.52	13.67	15.90	18.27	14.02	16.40	18.36	13.62	16.35
25	18.20	13.81	16.09	17.46	13.67	15.83	18.09	14.42	16.46	---	---	---
26	17.88	13.21	15.90	17.85	13.47	15.89	18.43	13.54	16.10	18.23	13.54	15.97
27	17.65	13.05	15.53	17.83	13.43	15.94	18.46	14.18	16.50	18.24	14.06	16.12
28	17.61	12.15	15.34	18.59	13.63	16.32	18.15	13.64	16.10	18.52	14.32	16.36
29	---	---	---	18.66	14.37	16.62	17.99	13.03	15.61	---	---	---
30	---	---	---	18.64	14.26	16.58	17.75	13.63	15.84	18.41	14.73	16.51
31	---	---	---	18.37	14.34	16.48	---	---	---	18.17	14.82	16.39
MONTH	---	---	---	---	---	---	---	---	---	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	17.86	14.57	16.22	---	---	---	17.65	14.52	16.26	17.95	14.59	16.35
2	---	---	---	17.16	13.74	15.75	---	---	---	18.22	14.66	16.55
3	17.60	14.53	16.35	17.28	13.54	15.64	18.12	14.76	16.60	18.68	15.04	17.01
4	17.79	14.87	16.56	17.58	13.56	15.75	18.17	14.67	16.61	18.56	14.51	16.69
5	17.84	14.40	16.37	17.66	13.51	15.78	18.78	14.51	16.70	18.26	13.71	16.25
6	17.96	14.22	16.22	17.92	13.88	16.00	18.70	14.87	16.95	18.78	13.79	16.36
7	17.88	13.76	16.04	17.99	14.06	16.16	19.07	15.10	17.17	18.77	14.18	16.66
8	18.31	14.62	16.57	---	---	---	19.11	15.06	17.18	18.47	14.19	16.60
9	18.53	14.65	16.65	---	---	---	18.88	14.99	17.12	18.45	14.29	16.55
10	18.40	14.31	16.51	17.70	12.81	15.49	18.76	14.74	16.88	18.38	14.51	16.75
11	18.29	13.97	16.27	17.79	12.48	15.20	18.62	14.48	16.59	18.47	14.72	16.76
12	18.32	14.32	16.30	18.42	13.88	16.03	---	---	---	18.39	14.32	16.65
13	18.29	14.26	16.28	18.42	14.06	16.29	---	---	---	18.12	14.70	16.51
14	18.29	14.11	16.21	18.30	13.91	16.01	---	---	---	17.73	14.17	16.05
15	18.05	14.39	16.17	17.57	13.31	15.70	17.90	13.94	16.17	17.68	13.94	15.95
16	18.06	14.54	16.43	---	---	---	17.78	13.51	15.91	17.58	13.46	15.77
17	---	---	---	---	---	---	17.63	13.31	15.75	17.80	13.65	15.82
18	---	---	---	18.24	13.89	16.35	17.69	12.98	15.64	18.15	14.33	16.27
19	---	---	---	17.83	13.35	15.97	17.91	13.32	15.72	18.39	14.32	16.44
20	18.19	14.02	16.40	18.02	13.27	15.81	18.06	13.53	15.91	18.23	14.65	16.57
21	18.61	13.97	16.49	18.01	13.57	16.00	18.04	13.52	15.90	18.04	14.83	16.54
22	18.36	14.40	16.57	18.08	13.38	15.96	18.07	14.00	16.05	18.19	14.72	16.57
23	---	---	---	17.97	12.99	15.74	17.91	13.82	15.99	18.03	14.70	16.52
24	---	---	---	17.68	13.37	15.67	17.79	13.94	15.90	18.02	14.60	16.42
25	18.07	13.22	15.87	17.72	13.31	15.52	17.70	13.74	15.89	18.05	15.03	16.78
26	---	---	---	---	---	---	17.67	14.49	16.24	18.34	15.28	16.93
27	---	---	---	17.95	13.94	15.75	17.55	14.20	16.03	18.01	15.27	16.70
28	17.56	12.85	15.14	17.42	13.62	15.54	17.53	14.23	16.10	18.13	14.56	16.39
29	17.02	12.96	15.10	17.12	13.26	15.50	17.58	14.15	16.06	17.95	14.74	16.47
30	---	---	---	17.08	13.47	15.48	17.85	14.17	16.32	18.56	15.08	16.89
31	---	---	---	17.24	13.68	15.78	17.80	14.40	16.26	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	18.78	13.46	16.49



02172050 COOPER RIVER NEAR GOOSE CREEK, SC--Continued

## WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water year 1971 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1970 to current year.

pH: July 1981 to September 1993 (discontinued).

WATER TEMPERATURE: October 1970 to current year.

DISSOLVED OXYGEN: July 1981 to September 1995 (discontinued).

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

REMARKS.-- Temperature records rated excellent except Feb. 13 to Mar. 15 and Sep. 21-30, which are good. Specific conductance records rated good except Aug. 14 to Sep. 9, which are fair, and Feb. 23-27 and May 3 to Aug. 13, which are poor. Top and bottom temperature July 1975 to Oct. 1980.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 4,270 microsiemens, Oct. 8, 1985; minimum, 30 microsiemens, Sep. 2 - 4, 1987.

pH: Maximum, 8.5 units, Sep. 29, 30, 1981; minimum, 5.3 units, May 29, 30, 1993.

WATER TEMPERATURE: Maximum, 32.5°C, Aug.1, 2, 1999; minimum, 3.0°C, Jan. 16, 1988.

DISSOLVED OXYGEN: Maximum, 15.2 mg/L, Feb. 4, 5, 1994; minimum, 0.0 mg/L, Oct. 2, 7, 8, 1989.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum,1,830 microsiemens, Aug. 8; minimum, 62 microsiemens, May 18.

WATER TEMPERATURE: Maximum, 30.7°C, July 20, 30, 31; minimum, 7.9°C, Jan. 8-10.

## SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	476	148	303	646	156	372	402	144	248	500	156	308
2	382	134	245	548	150	313	464	144	293	454	158	291
3	362	154	244	422	136	260	682	160	369	474	160	297
4	264	150	194	422	148	274	704	158	386	382	144	224
5	236	142	175	606	168	348	548	152	320	272	140	205
6	234	142	178	890	168	451	410	140	255	224	140	184
7	260	134	185	402	134	235	258	136	196	184	136	163
8	410	140	249	278	136	199	290	146	213	180	122	159
9	548	148	319	256	134	191	332	144	249	178	134	155
10	540	138	311	350	140	236	726	146	369	190	136	161
11	442	130	241	484	146	299	542	152	297	---	---	---
12	344	136	236	926	158	424	346	140	240	---	---	---
13	432	134	235	1190	190	599	444	150	268	434	180	310
14	648	142	360	1090	184	608	398	142	249	214	134	168
15	572	142	305	916	180	501	370	152	257	206	136	172
16	724	158	411	868	190	495	446	156	283	208	136	173
17	762	156	424	694	164	381	494	162	316	209	138	174
18	672	148	386	502	162	302	458	152	267	196	133	164
19	664	162	378	494	158	302	372	146	240	205	134	165
20	460	140	247	440	160	285	254	140	189	256	127	177
21	340	140	219	534	170	302	268	136	183	496	148	304
22	308	138	214	472	142	251	182	132	157	440	136	284
23	262	128	179	310	130	187	396	136	244	504	131	251
24	224	130	170	226	132	178	650	150	352	356	121	236
25	242	134	172	374	142	245	980	150	493	287	120	187
26	198	128	157	390	140	264	1560	210	726	375	111	197
27	206	124	160	368	142	232	748	156	388	586	118	305
28	308	120	203	240	130	182	582	162	323	732	141	415
29	572	138	325	296	138	205	362	142	241	749	144	388
30	620	148	368	428	140	263	352	142	241	536	119	309
31	648	164	385	---	---	---	438	150	264	556	162	332
MONTH	762	120	264	1190	130	313	1560	132	294	---	---	---

COOPER RIVER BASIN

02172050 COOPER RIVER NEAR GOOSE CREEK, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	494	164	296	484	236	351	618	206	380	430	148	284
2	394	162	282	386	234	320	554	202	358	423	131	269
3	458	168	327	406	206	303	454	180	301	276	116	174
4	446	150	296	298	180	234	280	184	237	243	118	183
5	280	150	212	222	178	197	458	190	298	354	123	244
6	328	148	233	210	176	195	584	190	376	547	127	317
7	398	152	259	224	162	194	514	186	332	535	118	286
8	262	140	201	286	170	218	432	182	279	282	105	182
9	264	146	203	338	174	247	310	176	234	215	98	154
10	438	152	260	314	174	243	266	178	217	178	95	134
11	394	148	241	454	182	290	320	182	237	179	89	124
12	292	144	212	592	200	387	340	176	245	246	92	153
13	268	146	207	560	188	322	296	174	232	249	90	162
14	260	148	207	344	174	233	302	178	232	241	82	148
15	268	144	200	292	180	236	286	180	231	230	77	148
16	240	152	196	280	178	222	276	176	217	195	72	116
17	230	146	187	254	180	220	258	167	208	170	67	110
18	222	152	188	294	180	236	239	158	195	146	62	94
19	342	158	223	290	190	245	205	159	181	203	72	123
20	312	174	238	510	206	322	198	148	174	608	73	296
21	234	176	201	296	184	243	201	146	170	773	93	433
22	208	172	189	286	180	222	196	137	171	702	92	377
23	480	176	249	230	170	199	391	145	209	638	105	364
24	1140	186	495	218	174	197	743	198	423	584	186	369
25	1130	232	635	232	174	203	774	235	441	502	171	305
26	1550	255	823	262	178	214	1020	214	418	445	174	294
27	1450	166	557	276	184	224	913	165	495	449	170	298
28	472	162	319	562	202	320	822	162	408	478	183	335
29	---	---	---	692	258	460	637	136	299	600	183	365
30	---	---	---	798	270	511	372	151	255	583	182	359
31	---	---	---	584	246	419	---	---	---	476	171	294
MONTH	1550	140	291	798	162	272	1020	136	282	773	62	242
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	346	163	239	239	202	224	306	194	263	248	188	221
2	237	160	194	239	205	226	500	196	360	507	197	284
3	221	161	190	236	200	222	860	184	500	980	215	519
4	471	172	271	249	198	229	1140	234	659	699	208	383
5	439	173	292	285	205	258	1060	238	681	453	206	292
6	345	166	254	275	202	249	1160	234	724	493	221	336
7	287	166	226	482	222	296	1820	354	920	554	238	415
8	532	177	281	819	341	553	1830	430	1190	613	251	446
9	1080	199	490	684	337	505	1810	482	1220	606	262	455
10	1120	215	617	497	236	351	---	---	---	688	434	549
11	1050	216	574	320	208	266	---	---	---	604	346	456
12	956	179	439	489	245	335	---	---	---	434	256	350
13	592	165	301	847	337	587	---	---	---	394	290	338
14	369	154	240	878	282	565	---	---	---	294	230	260
15	329	165	246	500	252	392	326	171	253	256	210	232
16	421	190	287	425	295	383	281	172	231	226	196	209
17	478	184	337	363	270	323	244	167	203	220	178	193
18	419	171	288	298	224	267	249	169	211	280	192	238
19	347	168	292	279	221	247	288	171	226	306	238	276
20	290	207	252	317	233	272	317	180	258	308	246	274
21	275	207	233	414	244	310	315	181	248	266	248	257
22	349	165	252	541	296	398	295	180	246	286	246	266
23	301	169	234	619	329	475	300	189	254	298	264	285
24	279	162	229	619	326	489	283	184	234	278	244	258
25	270	160	216	494	312	416	252	187	222	274	238	260
26	268	172	217	400	273	334	309	201	251	282	218	249
27	244	168	205	291	213	253	286	199	249	222	170	194
28	232	171	201	234	194	215	265	192	236	178	152	163
29	219	190	207	222	198	211	248	192	219	160	150	155
30	216	198	208	211	187	200	216	179	202	238	150	203
31	---	---	---	215	183	202	219	187	200	---	---	---
MONTH	1120	154	284	878	183	331	---	---	---	980	150	301

## COOPER RIVER BASIN

02172050 COOPER RIVER NEAR GOOSE CREEK, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	22.4	21.5	21.9	17.8	17.0	17.3	18.6	17.5	18.1	12.2	11.2	11.7
2	22.1	21.4	21.8	18.6	17.5	18.0	18.8	17.5	18.2	11.8	9.6	10.7
3	22.5	21.7	22.0	19.1	18.2	18.6	18.6	17.4	18.1	10.7	8.4	9.7
4	22.8	22.0	22.4	19.3	18.6	19.0	18.2	16.5	17.4	9.3	8.0	8.6
5	22.8	22.3	22.6	19.1	18.5	18.8	17.9	16.6	17.2	8.9	8.0	8.4
6	22.9	22.5	22.7	18.7	17.0	18.0	17.7	16.8	17.2	9.1	8.3	8.6
7	22.8	22.1	22.4	17.6	16.5	17.0	17.7	17.0	17.3	9.0	8.4	8.7
8	22.3	21.1	21.8	17.3	16.6	16.9	18.0	17.2	17.6	8.8	7.9	8.4
9	21.6	20.0	21.0	17.4	16.7	16.9	18.3	17.6	17.9	8.5	7.9	8.1
10	20.9	20.0	20.5	17.4	16.8	17.0	18.1	17.2	17.7	8.8	7.9	8.3
11	20.8	20.3	20.5	17.4	16.8	17.0	17.5	16.6	17.0	---	---	---
12	20.9	20.4	20.7	17.4	16.8	17.0	17.1	16.5	16.8	---	---	---
13	21.2	20.7	20.9	17.0	16.2	16.6	17.3	16.7	17.0	10.0	9.4	9.7
14	21.4	21.0	21.2	16.8	15.8	16.3	17.8	17.0	17.4	9.9	9.1	9.6
15	21.4	20.9	21.2	16.8	15.9	16.3	18.2	17.6	17.9	10.3	9.0	9.7
16	21.5	20.8	21.2	16.9	16.0	16.5	18.1	17.5	17.8	10.3	9.3	9.8
17	21.1	20.2	20.6	16.8	16.1	16.5	18.2	16.9	17.6	10.5	9.5	10.0
18	20.6	19.1	19.8	16.8	16.2	16.6	18.1	17.1	17.6	10.4	9.7	10.1
19	19.8	18.8	19.5	17.2	16.4	16.8	17.9	16.7	17.3	11.1	10.0	10.6
20	20.1	19.3	19.7	17.4	16.6	17.0	17.3	15.7	16.5	11.6	11.0	11.3
21	20.8	19.9	20.2	17.2	16.2	16.8	16.5	14.9	15.6	11.7	11.2	11.4
22	21.2	20.4	20.8	16.6	15.5	16.0	15.5	14.5	15.0	11.6	10.6	11.3
23	21.3	20.7	21.0	15.9	15.4	15.6	15.4	14.4	14.9	11.7	10.6	11.2
24	21.5	20.8	21.2	16.5	15.6	15.9	---	---	---	12.3	11.2	11.9
25	21.6	21.2	21.4	17.0	16.2	16.5	14.8	13.9	14.4	12.5	12.0	12.3
26	21.3	19.9	20.9	17.5	16.8	17.1	14.6	12.7	13.8	12.5	11.4	12.0
27	20.1	18.6	19.6	17.6	17.2	17.4	13.2	12.1	12.6	12.8	11.6	12.3
28	18.8	17.7	18.3	17.9	16.9	17.4	12.5	11.8	12.0	13.3	12.5	12.9
29	18.0	16.9	17.4	18.2	17.2	17.7	12.3	11.8	12.1	13.9	13.0	13.5
30	17.4	16.5	17.0	18.6	17.5	18.1	12.3	12.0	12.2	14.4	13.2	13.9
31	17.3	16.5	16.9	---	---	---	12.3	11.6	12.0	15.2	13.9	14.6
MONTH	22.9	16.5	20.6	19.3	15.4	17.1	---	---	---	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	15.9	14.4	15.2	12.8	11.0	12.0	20.7	19.4	20.1	23.9	22.9	23.4
2	15.9	14.7	15.4	12.7	11.4	12.1	20.9	19.5	20.3	24.3	23.3	23.8
3	15.6	13.3	14.8	13.5	12.5	13.0	21.1	20.0	20.5	24.5	24.0	24.3
4	14.9	12.2	13.8	13.4	11.6	12.8	20.8	19.4	20.3	24.6	24.1	24.4
5	13.0	11.1	12.1	12.5	10.8	11.8	20.4	18.8	19.7	24.3	23.2	23.9
6	12.4	10.9	11.6	12.3	11.1	11.8	19.9	18.1	19.0	24.2	23.2	23.7
7	12.2	10.8	11.5	12.4	11.6	12.0	18.7	17.9	18.2	24.3	23.5	23.9
8	11.7	11.1	11.3	13.0	12.1	12.5	18.6	17.9	18.2	24.8	24.0	24.4
9	12.0	11.3	11.6	14.0	12.8	13.3	19.5	18.5	18.9	25.4	24.5	24.9
10	12.8	11.8	12.3	14.7	13.8	14.2	19.7	19.2	19.5	25.8	24.9	25.4
11	13.2	12.6	13.0	14.6	14.0	14.3	20.0	19.4	19.6	26.0	25.2	25.7
12	13.5	12.4	13.0	14.8	13.8	14.3	20.3	19.7	20.0	26.4	25.4	26.0
13	13.3	12.5	12.9	15.1	13.9	14.6	20.5	19.8	20.2	26.6	25.6	26.2
14	13.4	11.9	12.7	15.7	14.1	15.1	21.2	20.2	20.7	26.6	25.2	25.8
15	13.1	11.9	12.4	16.5	15.3	15.9	22.0	20.9	21.4	26.0	24.4	25.1
16	13.1	11.8	12.5	17.1	15.9	16.5	22.5	21.3	22.0	25.4	24.1	24.8
17	12.9	11.9	12.5	17.7	16.7	17.2	23.0	22.0	22.6	25.2	24.5	24.9
18	12.8	11.6	12.2	18.3	17.4	17.8	23.6	22.6	23.0	25.2	24.5	24.9
19	12.6	11.3	12.1	18.6	17.6	18.2	23.9	22.5	23.2	24.6	23.1	23.9
20	12.8	12.0	12.4	19.2	18.0	18.6	23.9	22.8	23.4	23.5	21.9	23.0
21	13.3	12.6	13.0	19.1	16.6	18.3	24.1	22.9	23.6	22.9	21.8	22.4
22	13.3	12.8	13.1	18.7	15.0	16.8	24.2	23.1	23.7	22.2	21.5	21.8
23	13.5	12.4	12.9	16.8	14.8	15.5	24.1	23.2	23.6	22.1	21.3	21.7
24	13.1	12.0	12.6	16.3	15.3	15.7	24.1	23.1	23.7	22.9	21.7	22.2
25	12.9	11.8	12.4	17.3	16.0	16.5	24.1	23.3	23.8	24.0	22.5	23.2
26	13.5	12.2	13.0	18.2	16.9	17.5	24.1	23.2	23.8	24.4	23.3	23.8
27	13.5	12.3	13.0	18.7	17.8	18.3	24.0	22.6	23.3	24.5	23.7	24.2
28	12.8	11.1	12.1	19.0	18.5	18.8	23.7	22.4	23.2	24.7	23.9	24.4
29	---	---	---	19.5	18.3	19.0	24.1	23.2	23.7	24.7	23.9	24.4
30	---	---	---	20.0	19.0	19.6	23.9	23.2	23.5	24.6	23.9	24.3
31	---	---	---	20.5	19.6	20.0	---	---	---	24.9	23.7	24.5
MONTH	15.9	10.8	12.8	20.5	10.8	15.6	24.2	17.9	21.6	26.6	21.3	24.2

COOPER RIVER BASIN

02172050 COOPER RIVER NEAR GOOSE CREEK, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	26.1	24.8	25.2	28.3	27.6	28.0	30.6	29.5	30.1	27.2	26.7	26.9
2	26.4	25.4	25.9	28.6	27.9	28.2	30.4	29.5	30.0	27.2	26.5	26.8
3	27.0	26.1	26.6	28.8	28.1	28.4	30.1	29.2	29.7	27.3	26.5	26.9
4	27.3	26.7	26.9	29.1	28.3	28.6	29.7	29.0	29.3	27.5	26.8	27.1
5	27.6	26.9	27.2	29.4	28.5	28.9	29.4	28.6	29.0	27.8	27.2	27.5
6	27.7	26.8	27.3	29.5	28.8	29.1	29.5	28.6	29.1	28.0	27.6	27.8
7	27.4	26.4	26.9	29.6	28.9	29.2	29.3	28.9	29.1	28.0	27.2	27.7
8	27.2	26.0	26.7	29.3	28.7	29.0	29.1	28.3	28.5	28.0	27.0	27.5
9	27.0	25.8	26.5	29.2	28.5	28.9	28.7	27.8	28.2	27.8	26.8	27.4
10	26.8	25.8	26.4	29.1	28.2	28.7	28.4	27.7	28.0	27.6	26.5	27.1
11	27.0	25.8	26.5	28.9	28.4	28.7	28.3	27.4	27.9	27.5	26.6	27.1
12	27.5	26.6	27.0	28.9	28.2	28.6	---	---	---	27.6	26.9	27.3
13	27.7	26.6	27.3	28.9	27.9	28.5	---	---	---	27.5	26.8	27.2
14	27.9	26.7	27.4	29.1	28.2	28.7	---	---	---	27.6	26.9	27.2
15	28.0	27.0	27.6	29.4	28.7	29.1	28.5	27.6	28.0	27.3	26.9	27.1
16	28.0	27.1	27.6	29.9	29.0	29.4	28.7	28.0	28.3	27.4	26.8	27.0
17	27.9	27.1	27.6	30.2	29.5	29.9	28.9	28.2	28.5	27.5	26.8	27.1
18	27.8	26.8	27.4	30.6	29.9	30.2	29.2	28.4	28.7	27.5	27.0	27.2
19	27.6	26.7	27.1	30.6	29.7	30.1	29.2	28.5	28.8	27.4	27.0	27.2
20	27.2	26.5	26.9	30.7	30.0	30.4	29.3	28.6	28.9	27.4	26.6	27.0
21	26.7	25.9	26.4	30.6	30.1	30.3	29.3	28.7	29.1	27.4	26.6	27.0
22	26.2	25.3	25.8	30.4	29.8	30.1	29.4	28.8	29.2	27.5	26.5	27.0
23	26.0	25.2	25.7	30.2	29.2	29.7	29.6	28.9	29.3	27.5	26.8	27.1
24	26.4	25.6	26.0	29.7	28.7	29.2	29.8	28.9	29.5	27.3	26.6	26.9
25	26.6	26.0	26.3	29.5	28.3	29.1	29.9	29.0	29.6	27.0	26.1	26.5
26	26.8	26.2	26.5	---	---	---	29.8	29.1	29.5	26.7	25.6	26.2
27	27.2	26.4	26.8	29.9	29.2	29.6	29.5	28.6	29.1	26.7	26.0	26.3
28	27.6	26.7	27.2	30.1	29.4	29.8	29.1	28.1	28.6	26.8	26.3	26.6
29	28.0	27.3	27.7	30.4	29.8	30.1	28.5	27.6	28.0	26.9	26.4	26.6
30	28.1	27.7	27.9	30.7	29.8	30.2	27.9	27.1	27.5	26.9	26.1	26.5
31	---	---	---	30.7	29.8	30.2	27.4	26.8	27.1	---	---	---
MONTH	28.1	24.8	26.8	---	---	---	---	---	---	28.0	25.6	27.0

## COOPER RIVER BASIN

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, 11.76 ft, Aug. 8; minimum gage height, 2.70 ft, Feb. 28.

## GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	10.66	5.80	8.43	10.35	4.97	7.90	10.41	4.52	7.71	10.29	3.74	7.19
2	10.61	5.81	8.46	10.33	4.90	7.81	10.49	4.42	7.60	10.31	3.85	7.32
3	10.57	5.66	8.41	10.33	4.79	7.69	10.69	4.71	7.83	10.71	4.08	7.62
4	10.29	5.33	8.04	10.15	4.68	7.63	10.69	4.87	7.87	9.83	3.84	6.98
5	10.23	5.09	7.84	10.47	5.43	8.05	10.39	4.80	7.64	9.95	4.27	7.32
6	10.07	5.15	7.68	10.62	5.66	8.10	10.31	4.49	7.48	9.75	3.06	7.04
7	10.23	5.43	7.86	10.19	5.17	7.73	9.98	4.49	7.40	8.93	3.27	6.34
8	10.24	5.45	7.99	10.23	5.18	7.61	10.14	4.91	7.66	9.01	3.74	6.69
9	10.32	5.79	8.14	10.11	5.07	7.58	9.88	4.68	7.72	9.34	3.29	6.60
10	10.38	5.61	8.05	10.23	4.89	7.88	10.64	5.10	8.47	9.08	3.29	6.35
11	10.46	5.47	8.05	10.18	4.55	7.84	10.60	4.53	7.89	---	---	---
12	10.48	5.09	8.04	10.67	4.57	8.27	10.36	4.37	7.76	---	---	---
13	10.92	5.04	8.33	11.00	5.09	8.40	10.66	4.43	7.83	9.32	3.58	6.64
14	11.01	5.02	8.47	10.93	4.63	8.10	10.49	4.37	7.58	9.74	3.61	6.93
15	11.09	4.67	8.27	11.21	4.69	8.30	10.06	4.13	7.27	9.39	3.73	6.73
16	11.19	4.83	8.44	11.02	4.88	8.17	10.38	4.76	7.66	9.47	3.99	6.84
17	11.02	4.39	8.12	10.65	4.88	7.90	10.33	5.02	7.76	9.40	4.12	6.86
18	10.99	4.64	8.13	10.49	5.08	7.84	9.54	4.34	7.03	8.90	4.11	6.69
19	11.03	5.12	8.26	10.31	5.24	7.84	9.97	5.34	7.53	9.43	5.02	7.07
20	10.57	5.17	7.99	9.96	5.32	7.59	9.34	4.97	7.06	8.83	4.10	6.63
21	10.42	5.22	7.90	10.18	6.09	8.08	9.34	5.34	7.32	8.85	4.97	7.01
22	10.27	5.57	8.02	9.83	5.85	7.86	9.39	5.61	7.55	8.93	4.99	6.99
23	10.27	5.99	8.17	9.67	5.69	7.74	9.34	5.70	7.70	9.44	4.78	7.13
24	9.97	6.01	8.10	9.37	5.36	7.61	9.27	4.64	7.14	9.43	4.17	6.96
25	9.46	5.32	7.69	9.47	5.10	7.53	9.35	5.24	7.60	9.36	4.55	6.98
26	9.33	5.13	7.45	9.49	4.81	7.42	9.91	3.89	7.60	9.92	4.39	7.51
27	9.72	5.16	7.70	9.59	4.73	7.57	9.56	3.86	7.07	10.08	3.93	7.20
28	9.89	5.15	7.85	9.88	4.66	7.59	9.78	4.05	7.49	10.04	3.21	6.90
29	9.91	5.31	7.94	10.05	4.52	7.63	10.01	4.19	7.34	10.10	3.02	6.89
30	10.02	5.11	7.89	10.32	4.61	7.69	10.08	3.52	7.28	10.10	2.95	6.86
31	10.10	4.96	7.87	---	---	---	10.39	3.88	7.38	10.15	3.24	6.91
MONTH	11.19	4.39	8.05	11.21	4.52	7.83	10.69	3.52	7.56	---	---	---

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	10.10	3.60	7.00	10.32	3.28	7.08	10.73	4.61	7.58	10.42	4.99	7.49
2	9.65	3.40	7.05	10.42	4.04	7.68	10.60	5.06	7.79	10.00	4.79	7.24
3	---	---	---	10.22	3.74	7.06	10.36	4.96	7.68	9.23	4.47	6.87
4	---	---	---	9.69	3.57	6.53	9.50	5.17	7.62	9.32	5.19	7.60
5	---	---	---	9.25	4.07	6.77	10.06	5.97	8.14	9.49	5.12	7.56
6	---	---	---	9.40	4.54	6.89	9.98	5.77	7.98	9.53	5.41	7.64
7	---	---	---	9.27	4.67	6.99	9.84	5.64	7.90	9.39	4.83	7.47
8	---	---	---	9.29	4.80	7.15	9.73	5.16	7.72	9.33	4.57	7.24
9	---	---	---	9.49	4.47	7.11	9.53	4.66	7.33	9.61	4.41	7.27
10	---	---	---	9.48	4.16	6.94	9.36	4.23	7.11	---	---	---
11	---	---	---	9.49	4.20	7.37	9.78	4.75	7.55	---	---	---
12	---	---	---	9.87	4.88	7.61	9.89	4.80	7.60	---	---	---
13	---	---	---	9.83	4.44	7.26	10.03	4.56	7.49	---	---	---
14	---	---	---	9.38	3.93	6.93	9.97	4.71	7.51	---	---	---
15	---	---	---	9.41	4.03	7.05	9.86	4.53	7.25	---	---	---
16	---	---	---	9.16	3.88	6.85	9.87	4.77	7.27	---	---	---
17	---	---	---	9.65	4.27	6.87	9.87	4.89	7.27	---	---	---
18	---	---	---	9.60	4.43	7.17	9.80	4.92	7.22	---	---	---
19	---	---	---	9.82	5.16	7.32	9.69	4.92	7.25	---	---	---
20	---	---	---	9.94	5.29	7.66	9.59	5.03	7.26	---	---	---
21	9.21	4.61	6.85	9.61	5.26	7.55	---	---	---	---	---	---
22	9.21	4.71	7.05	10.10	5.33	7.76	---	---	---	---	---	---
23	9.60	4.95	7.52	9.99	5.09	7.74	10.29	4.92	7.82	---	---	---
24	10.07	4.56	7.81	9.87	4.47	7.53	10.52	4.57	8.05	---	---	---
25	10.43	4.40	7.71	9.92	4.15	7.44	10.47	4.41	7.99	---	---	---
26	10.49	3.84	7.61	10.04	4.10	7.55	10.99	3.58	7.78	---	---	---
27	9.93	3.09	6.84	10.26	3.65	7.56	10.94	4.31	7.96	10.89	4.44	7.74
28	10.20	2.70	6.99	10.99	3.87	8.06	10.49	3.79	7.56	11.15	4.80	7.99
29	---	---	---	11.17	4.54	8.17	10.24	3.65	7.06	11.11	5.62	8.35
30	---	---	---	10.95	4.37	8.03	10.38	4.15	7.48	---	---	---
31	---	---	---	10.73	4.52	7.91	---	---	---	---	---	---
MONTH	---	---	---	11.17	3.28	7.34	---	---	---	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	---	---	---	---	---	---	10.02	5.96	8.19	10.26	6.10	8.25
2	---	---	---	---	---	---	10.51	6.08	8.45	10.76	6.19	8.52
3	---	---	---	---	---	---	10.55	6.12	8.51	11.10	6.09	8.81
4	---	---	---	9.63	4.88	7.45	10.59	5.93	8.49	10.91	5.16	8.42
5	---	---	---	9.75	4.72	7.48	11.10	5.71	8.60	10.80	4.45	8.03
6	---	---	---	10.13	4.91	7.75	11.31	5.79	8.81	11.21	4.36	8.14
7	---	---	---	10.36	5.25	7.96	11.75	5.85	9.07	11.18	4.57	8.24
8	---	---	---	10.50	4.49	7.70	11.76	5.62	8.95	10.88	4.38	8.12
9	---	---	---	10.52	4.40	7.62	11.67	5.37	8.81	10.89	4.55	8.09
10	---	---	---	10.39	3.77	7.27	11.33	5.05	8.53	11.00	4.94	8.30
11	---	---	---	10.59	3.64	7.12	11.00	4.89	8.26	10.84	5.01	8.20
12	---	---	---	11.23	4.90	8.04	10.98	4.95	8.10	11.02	5.05	8.32
13	---	---	---	11.03	4.86	8.11	10.70	4.78	7.99	10.54	5.45	8.09
14	---	---	---	11.03	4.53	7.68	10.52	4.93	8.00	10.14	5.23	7.75
15	---	---	---	10.22	4.29	7.54	10.42	4.89	7.89	10.03	5.10	7.67
16	---	---	---	10.30	4.80	7.78	10.23	4.82	7.70	9.74	4.76	7.44
17	---	---	---	10.27	4.72	7.80	10.13	4.65	7.56	10.11	4.84	7.63
18	---	---	---	10.63	4.90	8.04	10.19	4.52	7.51	10.37	5.32	8.01
19	10.52	4.88	8.08	10.50	4.56	7.81	10.44	4.69	7.64	10.55	5.25	8.15
20	---	---	---	10.55	4.34	7.69	10.36	4.85	7.78	10.51	5.44	8.22
21	---	---	---	10.70	4.42	7.88	10.50	4.68	7.75	10.43	5.58	8.24
22	---	---	---	10.64	4.67	7.88	10.53	5.04	7.90	10.49	5.48	8.29
23	---	---	---	10.38	4.20	7.58	10.24	5.00	7.76	10.29	5.48	8.18
24	---	---	---	10.17	4.28	7.43	10.13	4.77	7.69	10.26	5.38	8.15
25	---	---	---	10.28	4.44	7.34	10.16	4.57	7.76	10.48	6.12	8.51
26	---	---	---	10.31	4.68	7.39	10.09	5.51	8.07	10.53	6.12	8.52
27	---	---	---	9.87	4.96	7.53	9.94	5.35	7.87	10.28	6.30	8.37
28	---	---	---	9.80	4.84	7.40	9.91	5.35	7.93	10.25	5.76	8.09
29	---	---	---	9.62	4.67	7.32	9.93	5.51	7.87	10.31	6.18	8.29
30	---	---	---	9.51	4.88	7.39	10.17	5.43	8.16	10.74	6.26	8.60
31	---	---	---	9.74	5.10	7.68	10.17	5.95	8.15	---	---	---
MONTH	---	---	---	---	---	---	11.76	4.52	8.12	11.21	4.36	8.19

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 good except for July 17 to Sep. 30, which are excellent. Temperature records rated excellent.

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, 25,200 microsiemens, Feb. 24; minimum, 98 microsiemens, Jan. 6.

WATER TEMPERATURE: Maximum, 31.2°C, July 30; minimum, 8.3°C, Jan. 9.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	17500	736	7090	18000	741	6260	14400	491	4330	4150	211	1150
2	17500	516	5780	14900	596	4830	16900	442	5170	6630	163	1080
3	16100	588	5870	13600	474	3890	19700	585	6700	4010	182	1440
4	11600	389	3410	14700	388	5050	18300	775	5550	3290	196	1000
5	11800	311	3160	21400	582	7720	16200	583	4460	2810	136	774
6	12800	288	3530	21800	993	8020	13000	413	3630	2720	98	879
7	17100	269	5330	13700	486	3660	12200	309	3040	2010	119	476
8	19900	480	7230	16200	333	4030	16800	386	5310	3620	118	803
9	20100	735	7990	17100	294	4650	15300	480	5950	4900	120	1210
10	20600	669	7200	17300	461	7020	20600	475	9310	3360	136	1010
11	17700	477	5100	17700	655	7070	15200	544	4070	---	---	---
12	18300	471	6710	18600	633	8320	12400	387	3620	---	---	---
13	18600	435	6310	19300	1490	7900	15900	408	4630	2980	138	867
14	16400	880	7490	17600	1150	6550	12800	417	3280	3070	106	719
15	15100	665	4900	17200	1000	5510	12000	400	3290	6280	161	1430
16	14800	811	6200	18800	890	5840	15900	195	4040	8770	100	1540
17	13100	887	5100	15600	765	4280	16600	311	3970	12000	263	3530
18	13000	743	4530	14700	576	3730	7050	192	1240	8190	224	2640
19	14800	792	4610	17000	488	5260	17300	176	3430	12700	255	4050
20	10600	483	2720	16300	507	4880	6400	189	1470	12900	287	3090
21	13400	348	3640	23200	558	8140	11800	118	1380	16900	727	6160
22	14200	377	4370	17400	696	5420	9610	130	2090	17000	422	4190
23	17500	309	4290	12500	314	3140	11200	456	2870	16700	510	5950
24	15300	280	4540	17600	317	6450	8280	302	2160	16200	476	5640
25	14300	303	4450	18200	874	8250	6350	296	3510	14400	312	3440
26	16900	267	4450	17300	678	7470	7580	526	2950	17300	227	4540
27	16100	310	5860	17500	476	4900	12300	383	2030	18700	405	7100
28	20900	454	8110	13600	331	4150	4600	253	1470	17800	649	6150
29	21200	930	9150	15700	294	5430	4320	152	1080	15800	835	4930
30	19300	868	8200	17700	421	6180	5220	227	1300	12000	567	3470
31	18300	849	7190	---	---	---	13700	171	1650	12400	537	3830
MONTH	21200	267	5630	23200	294	5800	20600	118	3520	---	---	---

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	9980	511	2840	10700	629	3350	9110	563	2360	13800	508	3880
2	10200	316	2640	12300	763	4430	10300	453	2470	12700	429	3690
3	12600	388	3450	10000	499	2770	10000	329	2490	5500	279	1310
4	13200	402	3760	5530	309	1280	8370	295	2120	14600	365	6350
5	9180	336	2870	4500	261	1110	14700	329	7340	18300	713	7470
6	16700	333	7150	9700	249	2630	19100	687	6910	19400	754	9050
7	19600	448	5460	12900	249	3380	16200	601	6280	17800	713	6160
8	10800	359	3590	15700	266	4910	17300	515	5120	9420	400	3320
9	15200	335	4760	17400	353	6270	9540	346	3110	11200	329	3690
10	19300	348	6880	13800	402	4670	10400	272	2780	9570	270	2640
11	12200	445	3250	17200	391	7110	13500	312	4420	13500	246	3120
12	12700	341	3650	20100	761	7430	11700	344	3950	15000	369	4510
13	10800	336	3220	14200	565	3720	11600	310	3120	12000	341	3410
14	12600	316	3960	9450	357	2220	10500	289	2980	14100	299	2640
15	12200	320	3630	9680	233	2960	10200	294	2640	14100	311	3240
16	11300	328	3980	8760	297	2460	10200	258	2180	11700	256	2390
17	11200	278	3110	13100	319	3140	10500	270	2740	11400	244	2910
18	15600	360	4980	13900	300	4110	11200	231	2700	9210	207	1960
19	17100	483	6350	12900	364	4800	8610	228	2240	13600	473	5260
20	18900	445	6660	18300	676	7520	10100	198	2620	19700	1270	9790
21	12800	258	2920	13900	387	3660	---	---	---	20000	1090	8710
22	13200	258	4100	17200	346	4820	---	---	---	18800	847	7660
23	18500	277	7290	12600	270	3800	18500	248	6820	16200	775	6230
24	25200	551	12500	14400	250	4330	19000	917	8540	14600	622	4790
25	23800	1650	9390	13900	230	3510	16200	884	6010	12000	499	3290
26	21000	1240	9580	13100	276	4260	16600	710	5270	13000	453	3300
27	12600	881	4190	10900	346	3520	13300	911	5450	14500	467	3570
28	10700	529	3080	15900	519	5890	11800	672	3480	15800	592	4380
29	---	---	---	14800	1420	6710	10200	439	2160	17000	682	5290
30	---	---	---	14800	1330	5720	8560	458	2500	---	---	---
31	---	---	---	11800	952	4260	---	---	---	---	---	---
MONTH	25200	258	4970	20100	230	4220	---	---	---	---	---	---
DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	11600	269	4430	19700	385	7290	18300	276	4900
2	---	---	---	12900	243	4260	21500	614	8300	24500	427	8810
3	---	---	---	14700	227	4170	22700	945	9100	21900	1630	9510
4	---	---	---	15000	248	5190	22400	1450	9660	16700	768	5380
5	---	---	---	16000	284	5280	24200	1180	8980	14200	419	3720
6	---	---	---	16400	258	4690	21800	1130	8260	16100	502	4900
7	---	---	---	21600	373	7340	23300	1530	9500	14300	713	5100
8	---	---	---	---	---	---	20900	1830	9290	11800	738	4550
9	---	---	---	---	---	---	17500	1440	7160	11900	723	4480
10	---	---	---	---	---	---	15100	1100	5300	13100	793	4970
11	---	---	---	---	---	---	14300	877	4530	9750	588	3270
12	---	---	---	---	---	---	13600	693	4030	14100	433	3750
13	---	---	---	---	---	---	9450	551	3140	9660	431	2930
14	---	---	---	---	---	---	12400	312	3460	11300	333	2690
15	---	---	---	---	---	---	10200	377	2680	11300	304	3030
16	---	---	---	---	---	---	11100	305	2740	9830	273	2730
17	---	---	---	---	---	---	11100	259	2530	14800	236	3390
18	---	---	---	11400	263	2720	13400	259	3470	16200	393	5250
19	14400	384	4550	11900	233	2810	16900	282	4400	16200	464	4740
20	14900	392	4520	12800	289	3470	14900	420	5000	12700	385	3760
21	15200	399	4220	14200	357	4090	14700	341	3780	12100	391	3780
22	12800	361	3460	15300	464	4790	14500	322	4080	13000	426	4570
23	10300	314	2300	14000	508	4170	10100	341	3390	12600	432	3810
24	9490	304	2150	10800	450	3240	9570	278	2430	11600	344	3620
25	8690	259	1770	9250	420	2460	10500	261	2710	16300	369	5010
26	7440	242	1420	8830	314	1890	14600	439	4600	10700	324	2950
27	7440	215	1040	6600	241	1340	10700	341	3730	5400	215	1100
28	4960	187	846	5730	210	1380	11900	284	3580	8210	186	1530
29	4820	181	1150	7320	219	2360	11300	242	3100	14100	182	3740
30	7920	205	2360	7880	192	1910	13900	212	3580	20300	393	7050
31	---	---	---	15000	211	4700	10000	200	2530	---	---	---
MONTH	---	---	---	---	---	---	24200	200	5040	24500	182	4300



## COOPER RIVER BASIN

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	23.2	22.3	22.8	18.5	17.1	17.7	18.9	18.5	18.7	12.4	12.0	12.1
2	22.9	21.8	22.3	18.7	17.4	18.0	19.1	18.6	18.8	12.2	10.9	11.5
3	22.8	21.8	22.2	19.2	18.1	18.5	18.9	18.5	18.6	11.2	10.1	10.7
4	22.9	21.9	22.2	19.3	18.6	18.9	18.5	18.1	18.3	10.4	9.2	9.8
5	23.0	22.1	22.4	19.0	18.6	18.9	18.6	17.7	18.1	10.0	8.8	9.4
6	23.1	22.4	22.7	18.7	18.1	18.5	18.5	17.5	18.0	9.7	8.8	9.2
7	22.7	22.3	22.5	18.5	17.5	18.1	18.3	17.5	17.9	9.4	8.8	9.0
8	22.3	21.7	22.1	18.3	17.2	17.7	18.5	17.7	18.1	9.1	8.6	8.9
9	22.0	21.1	21.6	18.1	17.2	17.6	18.6	18.1	18.4	9.0	8.3	8.8
10	21.9	20.9	21.4	18.0	17.2	17.6	18.4	17.7	18.2	9.2	8.4	8.9
11	21.7	20.7	21.1	17.9	17.1	17.6	18.0	17.4	17.7	9.5	8.7	9.2
12	21.6	20.7	21.1	17.7	17.0	17.5	17.6	17.0	17.4	9.6	9.2	9.4
13	21.7	20.8	21.2	17.5	16.7	17.1	17.8	17.1	17.5	10.0	9.6	9.7
14	21.8	21.0	21.4	17.3	16.8	16.9	18.0	17.3	17.7	10.0	9.7	9.8
15	21.7	21.1	21.3	17.2	16.6	16.9	18.3	17.8	18.1	10.3	9.8	10.0
16	21.6	20.7	21.3	17.2	16.7	16.9	18.1	17.8	17.9	10.5	9.9	10.1
17	21.2	20.6	20.9	17.3	16.5	16.7	18.2	17.6	18.0	10.8	10.0	10.3
18	20.6	20.1	20.2	17.1	16.4	16.7	18.4	17.9	18.1	10.8	10.2	10.4
19	20.6	19.6	19.9	17.5	16.6	17.0	18.1	17.7	17.9	11.4	10.5	10.8
20	20.8	19.6	19.9	17.6	17.0	17.3	17.9	17.1	17.5	11.7	11.0	11.3
21	21.0	19.8	20.2	17.3	16.8	17.1	17.4	16.2	16.8	11.8	11.1	11.4
22	21.2	20.3	20.6	17.1	16.6	16.9	16.8	15.5	16.2	12.0	11.1	11.6
23	21.4	20.5	20.9	16.9	16.1	16.5	16.6	15.6	16.1	12.8	11.5	11.9
24	21.8	21.0	21.3	17.1	16.1	16.7	16.5	15.0	15.8	13.0	11.9	12.4
25	21.8	21.4	21.5	17.5	16.6	17.0	16.0	14.9	15.5	12.9	12.4	12.6
26	21.4	20.6	21.1	17.8	17.1	17.4	15.7	14.1	14.9	12.6	12.2	12.5
27	20.7	19.7	20.4	18.1	17.5	17.8	14.6	13.3	13.9	12.9	12.2	12.6
28	20.1	18.8	19.5	18.3	17.7	18.0	13.9	12.6	13.1	13.3	12.6	13.0
29	19.5	18.2	18.8	18.5	17.9	18.2	13.2	12.0	12.6	13.7	12.9	13.3
30	18.8	17.6	18.2	18.8	18.2	18.5	13.1	12.1	12.5	14.5	13.5	13.9
31	18.4	17.2	17.8	---	---	---	12.7	12.0	12.3	14.8	14.0	14.5
MONTH	23.2	17.2	21.0	19.3	16.1	17.5	19.1	12.0	16.8	14.8	8.3	10.9
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	15.6	14.6	15.1	13.0	12.3	12.6	20.9	20.1	20.5	24.0	23.0	23.5
2	15.8	15.3	15.5	13.1	12.2	12.7	21.0	20.1	20.6	24.6	23.3	23.9
3	15.4	14.6	15.1	13.8	12.9	13.3	21.7	20.5	21.0	24.8	23.9	24.3
4	15.1	13.8	14.6	13.5	12.9	13.2	21.2	20.6	20.9	24.5	23.7	24.2
5	14.2	12.6	13.5	13.1	12.6	12.8	20.7	19.9	20.4	24.4	23.6	23.9
6	13.5	12.3	12.9	13.3	12.2	12.8	20.3	19.3	19.9	24.2	23.1	23.9
7	13.3	12.0	12.6	13.3	12.4	12.9	19.7	18.6	19.3	24.4	23.8	24.2
8	12.7	11.7	12.2	13.7	12.7	13.2	19.3	18.5	18.9	24.7	24.0	24.4
9	12.6	11.7	12.2	14.3	13.2	13.7	19.4	18.3	18.8	25.2	24.5	24.8
10	13.0	12.1	12.7	14.7	13.9	14.3	19.3	18.8	19.0	25.7	25.0	25.3
11	13.2	12.8	13.0	14.8	13.8	14.4	19.6	19.0	19.3	25.9	25.4	25.6
12	13.5	12.9	13.2	15.0	14.0	14.6	19.8	19.3	19.6	26.4	25.4	25.9
13	13.5	13.1	13.3	15.5	14.6	15.2	20.2	19.5	19.9	26.6	25.7	26.2
14	13.7	13.0	13.3	16.1	15.1	15.5	20.9	20.0	20.5	26.4	25.8	26.1
15	13.5	12.9	13.2	16.8	15.5	16.1	21.5	20.6	21.1	26.0	25.2	25.7
16	13.8	13.0	13.3	17.2	16.1	16.7	22.4	21.1	21.8	25.8	24.9	25.4
17	13.7	13.0	13.2	17.8	16.8	17.3	23.2	21.8	22.5	25.7	24.8	25.2
18	13.6	12.4	13.0	18.6	17.0	17.9	24.1	22.3	23.2	25.4	24.6	25.0
19	13.7	12.5	13.1	18.8	17.7	18.3	24.2	23.0	23.6	24.8	23.6	24.1
20	13.9	12.9	13.3	19.3	17.6	18.6	24.5	23.2	23.9	23.9	23.1	23.4
21	13.9	13.5	13.7	19.4	18.5	19.1	---	---	---	23.4	22.5	23.1
22	14.0	13.4	13.7	19.1	17.9	18.5	---	---	---	22.8	22.0	22.4
23	13.8	13.3	13.6	18.2	16.4	17.5	24.2	23.2	23.8	22.4	21.8	22.0
24	13.6	12.7	13.3	17.5	16.3	16.9	24.1	23.3	23.8	22.6	21.7	22.2
25	13.7	12.9	13.3	17.4	16.2	16.9	24.1	23.4	23.8	23.1	22.2	22.7
26	13.9	13.2	13.6	18.0	16.9	17.5	24.1	23.4	23.8	23.7	22.7	23.3
27	14.1	13.0	13.6	18.6	17.9	18.2	23.7	23.2	23.5	24.3	23.2	23.8
28	13.2	12.7	12.9	18.9	18.3	18.6	24.2	23.2	23.6	24.6	23.5	24.1
29	---	---	---	19.3	18.2	18.9	24.3	23.5	23.8	24.9	23.8	24.2
30	---	---	---	20.0	18.9	19.5	23.9	23.3	23.6	---	---	---
31	---	---	---	21.1	19.6	20.1	---	---	---	---	---	---
MONTH	15.8	11.7	13.4	21.1	12.2	16.1	---	---	---	---	---	---

## 02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	---	---	---	28.1	27.3	27.7	30.6	29.9	30.3	27.9	27.3	27.5
2	---	---	---	28.5	27.5	28.0	30.4	29.8	30.2	27.7	27.1	27.4
3	---	---	---	28.7	27.8	28.3	30.1	29.5	30.0	27.7	27.1	27.4
4	---	---	---	28.9	28.0	28.6	29.9	29.4	29.8	27.7	27.2	27.4
5	---	---	---	29.3	28.5	28.9	29.7	29.1	29.5	27.9	27.3	27.7
6	---	---	---	29.4	28.8	29.1	29.9	29.3	29.6	28.1	27.5	27.9
7	---	---	---	29.4	28.7	29.2	29.7	28.8	29.3	28.1	27.5	27.9
8	---	---	---	---	---	---	29.0	28.5	28.8	28.2	27.5	27.8
9	---	---	---	---	---	---	28.6	28.3	28.4	28.0	27.5	27.7
10	---	---	---	---	---	---	28.4	27.8	28.2	27.8	27.2	27.5
11	---	---	---	---	---	---	28.4	27.8	28.1	27.9	27.2	27.6
12	---	---	---	---	---	---	28.5	27.7	28.1	27.8	27.4	27.6
13	---	---	---	---	---	---	28.4	27.8	28.2	27.9	27.3	27.5
14	---	---	---	---	---	---	28.4	27.9	28.2	27.9	27.4	27.6
15	---	---	---	---	---	---	28.8	28.0	28.4	27.7	27.3	27.6
16	---	---	---	---	---	---	29.0	28.3	28.7	27.7	27.3	27.4
17	---	---	---	---	---	---	29.2	28.7	28.9	27.8	27.3	27.6
18	---	---	---	30.4	29.7	30.1	29.3	28.9	29.1	27.8	27.4	27.6
19	27.5	27.2	27.3	30.7	30.0	30.4	29.4	28.9	29.2	27.8	27.3	27.6
20	27.2	26.7	27.1	30.8	30.4	30.6	29.5	29.1	29.3	27.7	27.1	27.5
21	26.9	26.4	26.7	30.8	30.1	30.6	29.7	29.0	29.4	27.6	27.1	27.4
22	26.6	25.9	26.2	30.7	30.0	30.4	29.7	29.1	29.4	27.7	27.1	27.4
23	26.3	25.7	26.0	30.2	29.5	30.0	29.9	29.0	29.5	27.7	27.2	27.5
24	26.4	25.7	26.0	29.8	29.4	29.7	30.3	29.4	29.7	27.5	27.2	27.4
25	26.4	25.9	26.2	30.1	29.3	29.6	30.0	29.4	29.8	27.3	26.8	27.0
26	26.7	26.1	26.5	30.2	29.4	29.7	29.8	29.2	29.6	27.4	26.5	26.9
27	27.1	26.5	26.8	30.1	29.3	29.7	29.5	29.2	29.4	27.4	26.5	26.9
28	27.6	26.8	27.2	30.4	29.5	29.9	29.3	28.9	29.1	27.4	26.7	27.0
29	27.6	27.2	27.4	30.7	29.6	30.1	29.0	28.3	28.7	27.2	26.9	27.1
30	27.8	27.3	27.6	31.2	30.0	30.4	28.6	27.8	28.2	27.3	26.6	27.1
31	---	---	---	30.7	30.0	30.5	28.1	27.4	27.7	---	---	---
MONTH	---	---	---	---	---	---	30.6	27.4	29.1	28.2	26.5	27.4

## COOPER RIVER BASIN

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, 15.02 ft, Aug. 7; minimum gage height, 5.12 ft, Feb. 28.

## GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	13.69	8.34	11.21	13.52	7.47	10.68	13.62	6.94	10.47	13.52	6.23	9.95
2	13.70	8.30	11.26	13.49	7.41	10.58	13.74	6.97	10.42	13.63	6.43	10.11
3	13.66	8.16	11.17	13.47	7.28	10.45	13.99	7.31	10.65	13.91	6.38	10.27
4	13.33	7.84	10.78	13.34	7.23	10.46	13.95	7.41	10.65	12.89	6.47	9.67
5	13.32	7.67	10.62	13.74	8.02	10.91	13.61	7.32	10.40	12.93	6.77	9.95
6	13.19	7.72	10.48	13.80	8.21	10.89	13.38	7.09	10.20	12.74	5.61	9.68
7	13.39	8.11	10.72	13.26	7.70	10.45	13.09	7.06	10.18	11.89	5.82	9.02
8	13.43	8.10	10.85	13.32	7.76	10.38	13.27	7.45	10.44	12.01	6.22	9.39
9	13.44	8.52	10.98	13.25	7.72	10.39	13.00	7.20	10.50	12.47	5.93	9.39
10	13.51	8.25	10.85	13.36	7.42	10.65	13.95	7.47	11.27	12.22	5.86	9.19
11	13.57	8.04	10.82	13.32	7.05	10.60	13.76	6.81	10.60	---	---	---
12	13.58	7.63	10.79	13.94	7.38	11.13	13.60	6.81	10.56	---	---	---
13	14.18	7.60	11.10	14.30	7.62	11.18	13.99	6.88	10.61	12.44	6.13	9.46
14	14.20	7.41	11.20	14.25	7.09	10.90	13.73	6.79	10.35	12.83	6.21	9.76
15	14.33	6.97	11.06	14.56	7.16	11.12	13.28	6.70	10.09	12.49	6.38	9.60
16	14.44	7.16	11.19	14.40	7.40	10.94	13.66	7.40	10.52	12.56	6.75	9.70
17	14.32	6.68	10.88	13.92	7.34	10.66	13.50	7.53	10.57	12.44	6.72	9.66
18	14.31	7.07	10.93	13.62	7.67	10.62	12.25	6.85	9.79	11.83	6.76	9.48
19	14.28	7.67	11.01	13.49	7.77	10.63	13.15	7.93	10.37	12.41	7.71	9.88
20	13.75	7.68	10.72	13.06	7.93	10.39	12.41	7.65	9.90	11.88	6.92	9.49
21	13.62	7.85	10.70	13.30	8.86	10.94	12.34	8.05	10.13	11.86	7.64	9.83
22	13.32	8.26	10.82	12.83	8.40	10.64	12.40	8.34	10.40	11.94	7.61	9.81
23	13.31	8.67	10.97	12.64	8.31	10.52	12.36	8.41	10.56	12.49	7.48	9.91
24	13.01	8.69	10.92	12.39	8.01	10.44	12.24	7.38	9.95	12.46	6.78	9.74
25	12.49	7.90	10.48	12.47	7.67	10.33	12.39	7.84	10.47	12.39	7.07	9.73
26	12.26	7.62	10.24	12.52	7.30	10.22	13.08	6.45	10.36	13.17	6.59	10.34
27	12.77	7.65	10.51	12.64	7.16	10.31	12.63	6.57	9.85	13.38	6.53	10.06
28	12.99	7.80	10.72	12.99	7.16	10.37	12.89	6.64	10.25	13.33	5.72	9.73
29	13.02	7.85	10.76	13.25	7.03	10.45	13.17	6.65	10.12	13.31	5.48	9.66
30	13.16	7.68	10.70	13.55	7.11	10.47	13.33	6.03	10.08	13.36	5.38	9.64
31	13.25	7.49	10.68	---	---	---	13.61	6.33	10.11	13.45	5.70	9.70
MONTH	14.44	6.68	10.84	14.56	7.03	10.62	13.99	6.03	10.35	---	---	---

021720677 COOPER RIVER AT FILBIN CREEK NEAR NORTH CHARLESTON, SC--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	13.25	6.05	9.72	13.57	5.64	9.85	13.87	7.05	10.31	13.66	7.54	10.30
2	13.01	6.02	9.88	13.65	6.56	10.40	13.87	7.68	10.58	13.22	7.39	10.01
3	13.30	7.32	10.36	13.32	6.20	9.75	13.53	7.61	10.43	12.24	7.09	9.68
4	12.97	6.56	9.68	12.81	6.19	9.25	12.54	7.94	10.50	12.42	7.93	10.51
5	12.49	7.10	10.05	12.33	6.70	9.58	13.26	8.59	11.02	12.60	7.80	10.43
6	12.98	7.74	10.42	12.50	7.07	9.70	13.15	8.38	10.81	12.64	8.03	10.49
7	13.35	6.28	10.07	12.38	7.33	9.81	12.95	8.28	10.73	12.44	7.44	10.26
8	12.54	6.91	10.01	12.42	7.52	10.00	12.81	7.61	10.48	12.35	7.19	10.04
9	12.96	7.22	10.30	12.61	7.09	9.92	12.57	7.14	10.10	12.65	7.09	10.09
10	13.23	7.23	10.28	12.55	6.80	9.76	12.47	6.89	9.96	12.70	6.95	10.00
11	12.40	6.67	9.67	12.70	6.81	10.26	12.96	7.41	10.44	13.24	6.96	10.15
12	13.06	6.91	10.10	13.11	7.37	10.44	13.02	7.35	10.42	13.26	7.11	10.31
13	12.78	6.79	9.98	13.01	6.94	10.00	13.19	7.15	10.33	13.05	6.85	9.99
14	12.95	7.18	10.31	12.43	6.52	9.76	13.11	7.25	10.32	13.30	6.21	9.80
15	12.96	7.41	10.46	12.47	6.58	9.84	12.92	7.14	10.05	13.29	7.45	10.20
16	12.39	7.16	10.07	12.22	6.40	9.64	13.01	7.33	10.08	12.98	7.35	10.09
17	11.96	6.94	9.54	12.77	6.94	9.73	12.86	7.47	10.08	12.91	7.21	9.93
18	12.27	7.65	9.90	12.43	7.06	9.97	12.83	7.52	9.98	12.92	6.78	9.75
19	12.32	7.72	9.99	13.09	7.82	10.21	12.75	7.61	10.05	12.92	8.14	10.58
20	12.44	7.87	10.11	13.10	7.94	10.47	12.62	7.65	10.02	13.47	7.98	10.96
21	12.22	7.30	9.62	12.61	7.89	10.35	12.91	7.65	10.39	---	---	---
22	12.28	7.38	9.87	13.22	7.93	10.57	12.88	6.90	10.17	---	---	---
23	12.81	7.60	10.37	13.07	7.68	10.52	13.54	7.43	10.70	---	---	---
24	13.41	6.84	10.68	13.00	7.01	10.28	13.72	7.06	10.87	---	---	---
25	13.73	6.83	10.49	13.12	6.62	10.19	13.69	6.69	10.74	14.01	6.33	10.40
26	13.86	6.35	10.43	13.31	6.44	10.32	14.42	6.01	10.67	14.12	6.46	10.37
27	12.98	5.35	9.47	13.56	6.02	10.36	14.25	6.64	10.72	14.21	6.80	10.53
28	13.45	5.12	9.79	14.40	6.30	10.95	13.73	6.22	10.30	14.46	7.25	10.81
29	---	---	---	14.51	6.81	10.94	13.49	6.10	9.80	14.20	8.12	11.14
30	---	---	---	14.21	6.66	10.73	13.70	6.73	10.32	14.05	8.03	10.88
31	---	---	---	13.94	6.87	10.61	---	---	---	13.71	8.05	10.79
MONTH	13.86	5.12	10.06	14.51	5.64	10.13	14.42	6.01	10.38	---	---	---
DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	13.19	7.96	10.61	12.48	7.58	10.21	12.93	8.50	10.88	13.16	8.66	10.97
2	12.90	8.01	10.59	12.32	7.75	10.26	13.47	8.62	11.14	13.84	8.77	11.27
3	12.98	8.11	11.00	12.35	7.65	10.17	13.56	8.68	11.21	14.08	8.56	11.48
4	13.14	8.56	11.10	12.64	7.69	10.32	13.56	8.52	11.18	13.89	7.61	11.04
5	12.99	8.08	10.85	12.76	7.50	10.32	14.18	8.26	11.30	13.88	6.78	10.67
6	12.94	7.90	10.70	13.16	7.67	10.58	14.41	8.20	11.50	14.47	6.98	10.91
7	13.23	7.63	10.65	13.60	8.07	10.86	15.02	8.37	11.84	14.41	7.10	11.06
8	13.90	8.39	11.34	13.30	7.19	10.41	14.93	8.02	11.63	14.10	6.92	10.90
9	14.23	8.23	11.28	13.35	6.78	10.16	14.80	7.68	11.45	14.16	7.00	10.88
10	14.06	7.75	11.03	13.24	6.09	9.78	14.45	7.38	11.14	14.25	7.48	11.05
11	13.94	7.34	10.72	13.58	6.03	9.70	14.11	7.16	10.86	14.00	7.47	10.89
12	13.94	7.45	10.64	14.21	7.36	10.72	13.65	7.27	10.66	14.27	7.67	11.13
13	13.83	7.43	10.56	13.96	7.19	10.65	13.64	7.13	10.58	13.63	8.06	10.83
14	13.71	7.47	10.56	13.57	6.78	10.14	13.54	7.26	10.59	13.19	7.84	10.54
15	13.72	7.60	10.62	13.03	6.57	10.08	13.33	7.31	10.46	13.00	7.85	10.46
16	13.78	7.80	10.88	13.17	7.19	10.39	13.12	7.29	10.31	12.71	7.42	10.21
17	13.68	7.92	10.90	13.20	7.16	10.40	13.06	7.12	10.17	13.23	7.56	10.46
18	13.49	7.73	10.80	13.58	7.41	10.64	13.12	7.07	10.14	13.43	7.96	10.83
19	13.72	7.47	10.85	13.47	7.01	10.41	13.41	7.14	10.30	13.63	7.92	10.97
20	13.87	7.37	10.83	13.59	6.81	10.31	13.25	7.34	10.43	13.59	8.00	11.02
21	14.11	7.48	10.99	13.83	6.90	10.55	13.43	7.13	10.39	13.53	8.16	11.05
22	14.11	7.26	11.00	13.70	7.19	10.56	13.49	7.46	10.55	13.51	8.08	11.12
23	13.77	6.74	10.49	13.36	6.61	10.23	13.10	7.44	10.37	13.35	8.03	10.95
24	13.77	6.65	10.30	13.13	6.63	10.05	13.02	7.10	10.32	13.39	7.96	10.99
25	13.59	6.72	10.19	13.21	6.83	9.96	13.10	6.92	10.42	13.63	8.81	11.35
26	13.24	6.91	10.06	13.13	7.04	10.00	13.06	7.93	10.73	13.55	8.64	11.26
27	12.83	6.96	9.81	12.68	7.39	10.14	12.68	7.77	10.51	13.22	8.92	11.13
28	12.34	6.69	9.54	12.45	7.22	10.03	12.73	7.80	10.58	13.23	8.47	10.90
29	12.31	6.74	9.60	12.32	7.13	9.94	12.76	8.01	10.52	13.43	8.95	11.17
30	12.36	7.11	9.92	12.30	7.30	10.04	13.03	7.90	10.82	13.80	9.01	11.44
31	---	---	---	12.61	7.59	10.36	13.10	8.53	10.86	---	---	---
MONTH	14.23	6.65	10.61	14.21	6.03	10.27	15.02	6.92	10.77	14.47	6.78	10.96

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. 12 to Nov. 16, Dec. 18 to Jan. 18, July 10 to July 15, July 31 to Aug. 2, Aug. 18 to Aug. 23, and Sep. 17 to Sep. 25, which are good. Temperature records rated excellent. Dissolved oxygen records rated poor except for Oct. 18 to Nov. 16, Jan. 10 to Feb. 14, Feb. 26 to Apr. 4, June 20 to July 5, and July 25 to Aug. 8, which are good, Aug. 23 to Sep. 30, which are fair. 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, 40,800 microsiemens, Dec. 26; minimum, 9,350 microsiemens, June 28.

WATER TEMPERATURE: Maximum, 31.2°C, July 21; minimum, 8.4°C, Jan. 8, 9.

DISSOLVED OXYGEN: Maximum, 10.2 mg/L, Jan. 9, Mar. 8, 9; minimum, 3.0 mg/L, Aug. 23.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	38400	25600	30200	36800	25000	29300	34000	20500	26400	36900	21100	26400
2	36500	22300	29300	34800	23100	27800	35600	19700	25600	36300	21100	26400
3	37700	24700	29600	32300	20800	25600	35600	20400	26600	35700	20000	26300
4	34200	20600	26200	33000	18600	25200	34800	21100	26600	32800	15900	22400
5	36100	17500	24200	35500	20800	27300	34100	19000	24400	34900	17200	23100
6	34300	17800	23200	36300	24200	28600	32800	16200	22900	29900	17900	22800
7	32300	17500	23400	35000	20000	25700	29000	14000	21100	29400	15200	21000
8	31700	20700	25700	34500	17700	23800	32900	16900	23700	34200	16200	21400
9	33300	23900	27200	37200	17000	24300	35000	22600	26500	31900	17500	21900
10	33700	23700	27400	35300	22800	27600	36400	23800	28700	---	---	---
11	34300	21200	27000	35200	26000	29100	35000	21700	26700	---	---	---
12	35400	23700	27800	37300	25200	30400	36200	19000	24300	---	---	---
13	37100	23300	28600	39200	25500	30600	36100	19500	26000	---	---	---
14	36500	25300	29800	39000	24200	29000	33500	20100	24900	---	---	---
15	37100	22100	27700	39500	23300	28300	35300	18000	23200	---	---	---
16	37300	23100	28400	39600	22300	28100	35200	19000	25200	---	---	---
17	36200	20800	26400	38700	21100	26200	36100	19300	26600	---	---	---
18	35500	20700	25700	33600	18700	24000	35700	21000	26100	---	---	---
19	34600	20100	25200	37100	17400	25000	40500	19400	26100	35400	17800	24200
20	34200	17600	22700	36900	20700	25600	37300	18100	25500	31100	18400	24000
21	34400	14300	22000	37700	20800	26900	34700	18600	25300	34900	22000	26600
22	33900	15900	22700	35600	23200	27500	34000	19100	24700	32500	21400	26600
23	34400	15600	23100	34000	20700	25900	38200	21200	27700	33200	22300	26800
24	31100	19500	23600	35700	21500	26300	35700	24100	29200	36700	23200	27200
25	34500	19400	24400	38100	24000	28700	39500	23800	30200	34800	20300	25900
26	35100	18200	24200	36400	26000	29500	40800	27600	32600	33800	19600	26100
27	35000	21900	26700	35000	24600	29400	36800	25200	30600	36800	21000	28100
28	36600	23800	28100	36400	22900	27700	37800	24800	28700	37100	24600	29300
29	35100	25500	30400	35400	21900	26800	34300	22700	26600	36900	23200	28500
30	36300	25900	30900	34200	22100	27300	36800	21100	27000	35900	20200	26600
31	36600	26300	30600	---	---	---	35700	20600	26900	35800	19600	25900
MONTH	38400	14300	26500	39600	17000	27200	40800	14000	26300	---	---	---

COOPER RIVER BASIN

021720677 COOPER RIVER AT FILBIN CREEK NEAR NORTH CHARLESTON, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	32900	19200	24400	35300	19900	25300	33900	14000	20700	35800	18900	22900
2	32400	18300	22700	35200	20700	25700	29700	14500	20200	35700	18400	23900
3	32800	19900	24700	31600	16000	22100	30900	15400	20800	30800	15100	20800
4	35900	18200	24300	28000	10800	17400	26700	14400	18300	34800	15100	24200
5	27200	14000	20800	24900	9360	15700	32900	17500	22800	35800	21800	28200
6	33900	18800	24500	29700	13800	19000	34800	23300	26900	34400	25300	29300
7	32800	19300	26500	27000	15000	19500	31400	23500	26500	35600	26300	30100
8	31400	17400	22900	29700	17900	21800	34300	24500	27600	34000	21600	27400
9	35200	17400	24200	35000	22100	24800	32400	20700	25700	35000	20300	25500
10	31700	18900	25400	31700	21200	25300	33300	17500	22900	34700	20100	25100
11	32000	20600	25000	32900	20000	26300	33000	18700	24000	35200	18400	24000
12	32400	17400	24000	34400	23000	28300	30000	20200	25000	35500	20600	25200
13	30500	18800	23400	32800	20000	26400	32000	18900	24400	32700	19900	25600
14	32000	17500	23300	29600	15600	21800	31200	18500	24200	33400	17200	23500
15	31700	18400	24100	32600	17300	22800	32800	18000	22700	35700	18600	23200
16	30000	17100	23000	27900	17000	22200	30800	17000	21700	33500	17500	22200
17	28700	18000	22800	35500	17200	22100	29300	16800	21100	33500	18400	22500
18	28700	18700	22700	31800	18800	23900	32000	16500	21400	32400	15700	22200
19	34000	20500	25500	32000	19300	23900	29800	17100	21200	29500	19400	22500
20	32600	23800	27000	33400	20900	26200	31700	16400	21100	34400	23800	28100
21	30700	17500	24400	34600	19800	24600	32300	17700	22800	36700	27200	31100
22	31200	17700	23400	34300	18700	24300	31400	18900	24200	38300	26800	31200
23	35600	21600	25900	31400	19100	23700	34800	20800	26700	38200	25700	30200
24	37400	23600	29500	31800	19200	24600	36600	24900	29600	37400	22000	27900
25	38100	28300	32500	32300	21400	25800	35600	24000	28800	35500	19400	25100
26	38700	27200	32400	33500	20400	26500	38600	20900	27500	35600	18100	24200
27	34600	21600	27800	33900	19100	26000	36800	20000	27600	36100	19200	24100
28	34900	16700	25100	37500	21000	27800	33900	19300	25100	35400	20200	25000
29	---	---	---	38300	22500	28900	32400	13600	21700	35800	20200	25000
30	---	---	---	36700	20900	27700	32400	15700	21400	35800	19600	24900
31	---	---	---	33900	19100	25100	---	---	---	32500	18600	24100
MONTH	38700	14000	25100	38300	9360	24000	38600	13600	23800	38300	15100	25500
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	30900	18000	22600	28300	15500	21300	32600	18900	25400	31200	17000	21500
2	29800	16200	21700	28700	17900	22800	37300	22800	27800	33400	20800	24900
3	34200	15600	22400	33400	18700	23400	34000	24200	28800	35400	23200	29000
4	---	---	---	35500	20000	24800	34300	23900	29000	34800	22800	28600
5	---	---	---	34100	21600	25700	38600	24000	30400	34200	21000	26000
6	---	---	---	35000	21100	25800	38900	26100	30900	36000	20500	26100
7	---	---	---	34800	21200	26600	40100	26200	31300	34800	21000	26600
8	---	---	---	34800	23600	28100	39800	26900	31900	34200	20000	25500
9	37800	25700	29900	34600	21200	27100	39500	25600	30900	34200	18500	25000
10	37600	23100	29800	32500	16800	24500	38400	23700	29000	35200	19700	25000
11	37100	24000	29200	33200	16000	22000	35800	21700	27000	32600	18800	23100
12	34400	22200	27500	38300	17800	25000	35300	20900	25900	34000	16000	22400
13	33900	18100	24800	36600	22800	27500	32200	19300	24400	32000	15000	21200
14	35800	16300	23000	36600	19800	26000	33700	18000	23900	31200	14200	19800
15	35800	18400	23700	31800	16200	22800	30600	18000	22700	30000	16400	20200
16	34800	21100	25800	30700	17000	22300	33800	14600	21100	27700	16500	20800
17	34500	19800	26400	32500	16700	21900	29000	13700	20700	32500	16100	22100
18	32000	17300	24600	30600	15000	22000	29100	15800	22000	30600	19000	24300
19	34100	19800	24700	30000	14800	21400	32400	17900	23800	33500	20600	25700
20	---	---	---	30600	16400	21800	32800	20700	24500	32700	20700	25800
21	---	---	---	32000	15700	22900	33100	18900	24600	31500	20500	24700
22	---	---	---	33700	18800	24000	32300	19900	24300	34500	19000	24500
23	---	---	---	33000	19500	24300	31200	18400	24200	31900	19000	24700
24	---	---	---	30300	18000	22800	31600	19000	23000	31500	19700	23800
25	---	---	---	31700	16900	21900	31000	18000	22200	33400	19600	24100
26	---	---	---	32400	14200	20900	29900	18000	23400	30400	18200	22700
27	---	---	---	29300	14200	19700	30300	18700	23100	26600	14200	18900
28	---	---	---	31500	14200	18500	28400	19000	22900	27000	10700	16200
29	24400	11200	16800	31500	15400	20000	28000	17200	21400	31600	11000	17800
30	28200	11900	18900	28600	14100	19600	28200	15700	21200	33000	16800	22600
31	---	---	---	31800	15800	22200	30200	15000	20000	---	---	---
MONTH	---	---	---	38300	14100	23200	40100	13700	25200	36000	10700	23500

## COOPER RIVER BASIN

021720677 COOPER RIVER AT FILBIN CREEK NEAR NORTH CHARLESTON, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	23.6	22.5	23.2	19.2	18.4	18.8	18.6	18.3	18.4	12.7	11.7	12.4
2	23.3	22.4	23.0	19.3	18.6	18.9	18.9	18.4	18.6	12.2	11.1	11.6
3	23.2	22.4	22.8	19.8	18.6	19.1	18.6	17.9	18.3	11.1	10.4	10.7
4	23.2	22.5	22.8	19.3	18.7	19.1	18.4	17.9	18.1	10.4	9.6	10.1
5	23.3	22.4	22.8	19.1	18.3	18.7	18.5	17.7	18.2	10.1	9.0	9.8
6	23.4	22.6	22.9	18.7	17.7	18.1	18.6	17.6	18.2	10.2	9.5	9.9
7	22.7	22.1	22.4	18.6	17.2	18.0	18.8	17.7	18.3	9.8	9.1	9.5
8	22.3	21.4	21.9	18.5	17.5	18.0	18.9	17.8	18.4	9.4	8.4	9.1
9	22.0	21.1	21.5	18.4	17.1	17.9	19.1	18.5	18.7	9.5	8.4	9.0
10	21.8	21.1	21.5	18.2	17.3	17.9	18.6	17.8	18.2	---	---	---
11	21.9	21.1	21.6	18.1	17.5	17.8	18.1	17.5	17.9	---	---	---
12	22.1	21.1	21.7	17.8	17.3	17.6	17.8	17.4	17.6	---	---	---
13	22.4	21.4	21.8	17.4	16.8	17.1	18.1	17.5	17.8	---	---	---
14	22.1	21.7	21.9	17.1	16.7	16.9	18.3	17.7	18.0	---	---	---
15	22.0	21.5	21.8	16.9	16.6	16.8	18.4	17.7	18.2	---	---	---
16	22.1	21.3	21.8	16.9	16.5	16.7	18.1	17.4	17.9	---	---	---
17	21.6	20.1	21.2	17.1	16.5	16.8	18.1	17.1	17.8	---	---	---
18	21.0	20.1	20.6	17.0	16.4	16.7	18.2	17.8	18.0	---	---	---
19	21.0	20.0	20.4	17.4	16.6	16.9	18.0	17.4	17.8	11.3	10.3	10.8
20	21.5	20.1	20.6	17.2	16.8	17.0	17.9	17.0	17.4	11.6	10.9	11.2
21	21.6	20.4	20.8	17.0	16.3	16.7	17.5	16.5	17.0	11.6	10.8	11.2
22	21.6	20.7	21.1	16.8	16.1	16.6	17.2	15.8	16.6	11.7	10.6	11.2
23	21.9	20.7	21.2	16.8	16.5	16.6	16.8	15.6	16.4	12.7	11.2	11.7
24	22.5	21.1	21.5	17.8	16.7	16.9	16.7	15.8	16.5	13.3	11.9	12.4
25	22.1	21.3	21.7	17.8	16.9	17.2	16.4	15.0	15.7	13.0	12.4	12.7
26	21.7	20.2	21.1	18.0	17.2	17.4	15.9	14.4	15.3	12.6	12.1	12.4
27	21.3	19.0	20.5	17.9	17.4	17.6	15.0	13.8	14.4	13.0	12.3	12.6
28	20.3	18.9	19.5	18.1	17.5	17.8	14.3	13.3	13.9	13.3	12.6	12.9
29	19.7	18.6	19.2	18.3	17.8	18.0	13.9	13.4	13.7	14.0	12.9	13.2
30	19.4	18.5	18.9	18.5	18.0	18.2	13.7	12.9	13.3	14.0	13.3	13.6
31	19.0	18.3	18.7	---	---	---	13.1	12.5	12.8	14.4	13.8	14.0
MONTH	23.6	18.3	21.4	19.8	16.1	17.6	19.1	12.5	17.0	---	---	---
DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	15.4	14.3	14.7	12.6	12.0	12.4	21.0	19.8	20.2	23.7	23.1	23.3
2	15.4	14.8	15.0	12.8	12.1	12.4	21.4	19.9	20.4	24.6	23.2	23.6
3	14.8	14.2	14.6	13.4	12.6	13.0	21.5	20.4	20.7	24.4	23.7	23.9
4	14.6	13.7	14.2	13.1	12.5	12.8	21.1	19.8	20.5	24.1	23.7	23.8
5	13.8	12.4	13.2	12.9	11.4	12.3	20.6	19.3	19.9	23.9	23.0	23.5
6	13.5	12.4	12.9	13.5	11.8	12.6	20.2	19.1	19.7	24.4	22.8	23.6
7	13.2	12.8	13.0	13.8	12.3	12.9	19.7	18.5	19.4	24.6	23.7	24.1
8	13.6	12.4	12.9	14.3	12.7	13.4	19.9	18.9	19.5	24.9	23.8	24.4
9	13.4	12.2	12.8	14.7	12.9	13.7	20.3	19.4	19.8	25.4	24.2	24.7
10	13.4	12.7	13.0	14.5	13.5	13.9	19.9	19.5	19.7	25.5	24.7	25.0
11	13.3	12.7	13.1	14.3	13.3	13.8	20.0	19.3	19.7	25.9	25.1	25.4
12	13.4	12.6	13.1	14.3	13.7	14.0	20.1	19.5	19.8	26.3	25.3	25.7
13	13.1	12.6	12.9	14.9	14.1	14.5	20.5	19.5	20.0	26.3	25.6	25.9
14	13.2	12.6	12.9	16.0	14.6	15.1	21.1	19.9	20.5	26.0	25.4	25.8
15	13.0	12.6	12.8	16.3	15.1	15.6	21.7	20.4	21.0	26.0	25.2	25.6
16	13.5	12.7	13.0	17.1	15.6	16.1	22.2	20.9	21.4	26.3	24.9	25.5
17	13.4	12.5	12.9	17.2	16.2	16.6	22.7	21.4	22.0	26.2	25.0	25.5
18	13.2	11.9	12.6	17.9	16.7	17.1	23.4	21.9	22.4	25.8	24.9	25.4
19	13.4	11.6	12.6	17.8	17.1	17.4	24.0	22.4	22.9	25.0	23.2	23.9
20	13.6	12.7	13.1	18.4	17.4	17.8	24.0	22.8	23.2	23.8	22.0	23.3
21	14.3	13.3	13.6	18.2	17.9	18.0	24.2	23.0	23.5	23.6	22.6	23.2
22	13.8	13.4	13.5	18.1	17.2	17.7	24.0	23.3	23.7	23.1	22.1	22.6
23	13.5	12.6	13.2	18.2	16.5	17.5	23.8	22.8	23.4	22.8	21.7	22.3
24	13.3	12.1	12.8	18.3	16.9	17.7	23.8	23.1	23.4	23.1	22.0	22.5
25	13.4	12.5	13.0	18.7	17.5	17.9	23.9	23.1	23.4	23.5	22.3	22.9
26	13.8	13.0	13.3	18.7	17.6	18.1	23.7	23.0	23.3	23.9	22.8	23.2
27	13.5	12.2	13.1	19.0	18.1	18.5	23.3	22.9	23.2	24.2	23.1	23.5
28	12.9	12.3	12.5	18.9	18.4	18.6	23.7	22.9	23.3	24.2	23.4	23.8
29	---	---	---	19.4	18.3	18.8	24.3	23.3	23.6	24.4	23.6	24.0
30	---	---	---	19.6	18.9	19.2	23.6	23.0	23.4	24.9	23.9	24.3
31	---	---	---	20.2	19.5	19.7	---	---	---	25.4	24.1	24.6
MONTH	15.4	11.6	13.2	20.2	11.4	15.8	24.3	18.5	21.6	26.3	21.7	24.2

021720677 COOPER RIVER AT FILBIN CREEK NEAR NORTH CHARLESTON, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	26.1	24.5	25.1	28.2	27.2	27.7	30.3	29.3	30.0	27.9	27.3	27.6
2	26.6	25.0	25.6	28.8	27.3	27.9	30.3	29.4	29.8	27.7	27.2	27.5
3	27.0	25.5	26.1	28.8	27.2	28.1	30.0	29.2	29.7	27.8	27.0	27.5
4	27.1	26.0	26.4	29.3	27.6	28.4	29.9	29.2	29.6	28.2	27.1	27.7
5	27.3	26.2	26.7	29.6	28.2	28.7	29.8	29.1	29.5	28.3	27.6	27.9
6	27.8	26.4	27.0	29.8	28.5	29.0	30.2	29.1	29.7	28.3	27.8	28.1
7	27.3	26.6	27.0	29.3	28.2	29.0	29.8	28.9	29.3	28.2	27.6	28.0
8	27.2	26.3	26.8	29.4	28.4	29.0	29.2	28.4	28.8	28.0	27.6	27.9
9	27.5	26.2	26.7	29.5	28.6	29.0	28.7	27.9	28.5	27.9	27.4	27.7
10	27.2	26.3	26.8	29.8	28.9	29.2	28.5	27.9	28.2	27.9	27.2	27.6
11	27.5	26.5	26.9	29.5	28.8	29.1	28.7	27.9	28.2	28.2	27.2	27.7
12	27.9	26.6	27.2	29.0	28.4	28.8	28.7	27.8	28.2	28.0	27.6	27.8
13	28.0	27.0	27.4	29.3	28.2	28.7	28.4	27.9	28.2	28.1	27.3	27.7
14	28.3	27.2	27.6	29.4	28.5	28.9	28.6	27.8	28.1	28.1	27.5	27.8
15	28.2	27.2	27.7	29.6	28.6	29.1	28.8	27.9	28.3	27.9	27.3	27.7
16	28.1	27.1	27.7	29.8	28.8	29.2	29.5	28.2	28.6	28.0	27.3	27.7
17	28.0	27.3	27.6	30.4	29.1	29.7	29.4	28.3	28.8	28.2	27.3	27.9
18	27.8	27.0	27.5	30.5	29.5	30.0	29.5	28.4	29.0	28.2	27.4	27.9
19	27.7	26.5	27.4	31.1	29.4	30.2	29.3	28.7	29.0	28.1	27.4	27.9
20	---	---	---	31.1	30.0	30.5	29.6	28.7	29.0	28.1	27.6	27.8
21	---	---	---	31.2	30.1	30.5	29.7	28.9	29.2	28.2	27.5	27.8
22	---	---	---	30.6	30.0	30.4	29.8	29.0	29.3	28.2	27.4	27.8
23	---	---	---	30.3	29.5	30.0	30.0	29.0	29.4	27.8	27.4	27.7
24	---	---	---	29.9	29.4	29.7	30.0	29.1	29.5	27.7	27.0	27.5
25	---	---	---	30.2	29.3	29.7	30.1	29.2	29.4	27.4	27.0	27.1
26	---	---	---	30.3	29.4	29.8	29.5	28.9	29.3	27.5	26.7	27.1
27	---	---	---	30.2	29.5	29.8	29.3	28.6	29.1	27.6	27.0	27.2
28	---	---	---	30.4	29.4	29.9	29.1	28.7	28.9	27.8	26.8	27.3
29	28.1	26.8	27.4	30.7	29.5	30.0	28.9	28.2	28.6	27.4	27.0	27.2
30	27.8	27.0	27.5	30.9	29.5	30.1	28.6	27.8	28.1	27.5	26.5	27.1
31	---	---	---	31.0	29.7	30.2	28.2	27.3	27.8	---	---	---
MONTH	---	---	---	31.2	27.2	29.4	30.3	27.3	28.9	28.3	26.5	27.6



## COOPER RIVER BASIN

021720677 COOPER RIVER AT FILBIN CREEK NEAR NORTH CHARLESTON, SC--Continued

## OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.0	5.9	6.5	7.5	7.0	7.3	7.9	7.4	7.6	8.9	7.6	8.3
2	7.0	5.8	6.5	7.6	6.9	7.3	8.0	6.7	7.4	9.2	7.7	8.5
3	7.0	5.8	6.5	7.6	7.0	7.3	8.0	6.7	7.4	9.3	8.1	8.8
4	7.0	5.6	6.4	7.8	7.0	7.4	8.1	6.7	7.5	9.6	8.4	9.1
5	6.8	6.0	6.4	8.1	7.0	7.6	8.3	6.6	7.6	9.7	8.4	9.2
6	7.2	5.8	6.5	8.3	7.3	7.8	8.5	6.7	7.7	9.7	8.6	9.3
7	7.9	6.1	6.9	8.3	7.2	7.7	8.5	7.0	7.8	9.9	8.8	9.4
8	7.9	6.3	7.1	8.6	7.1	7.8	8.4	7.0	7.8	10.1	8.8	9.6
9	7.8	6.4	7.1	8.6	7.3	7.8	8.2	6.8	7.7	10.2	8.8	9.7
10	7.8	6.5	7.1	8.3	7.3	7.8	8.3	6.6	7.6	---	---	---
11	7.5	6.0	6.9	8.3	6.9	7.6	7.9	6.4	7.3	---	---	---
12	7.3	6.1	6.8	8.2	6.7	7.6	7.6	6.6	7.2	---	---	---
13	7.2	5.8	6.6	8.3	7.1	7.8	7.4	6.2	7.0	---	---	---
14	7.0	6.1	6.6	8.3	7.2	7.8	7.3	6.2	6.9	---	---	---
15	7.0	5.9	6.4	8.5	7.4	7.9	7.4	7.0	7.2	---	---	---
16	6.8	5.5	6.2	8.7	7.5	7.9	7.7	7.0	7.3	---	---	---
17	6.6	5.4	6.0	8.1	7.4	7.7	7.8	7.0	7.4	---	---	---
18	6.7	5.7	6.2	8.2	7.3	7.7	8.0	7.3	7.6	---	---	---
19	6.8	6.0	6.4	8.4	7.5	7.8	8.1	7.2	7.5	---	---	---
20	7.0	6.1	6.5	8.8	7.5	7.8	8.3	7.2	7.7	---	---	---
21	7.2	6.1	6.6	8.8	7.5	8.0	7.9	7.1	7.5	---	---	---
22	7.2	6.0	6.6	8.6	7.5	7.9	7.8	6.4	7.2	---	---	---
23	7.1	6.0	6.6	8.1	7.6	7.8	7.6	6.5	7.1	---	---	---
24	7.2	6.3	6.6	8.2	7.6	7.8	8.0	6.3	7.1	---	---	---
25	7.4	5.8	6.6	8.2	7.5	7.8	8.0	6.7	7.4	---	---	---
26	7.6	5.3	6.4	8.0	7.4	7.8	8.3	6.5	7.4	---	---	---
27	7.6	6.3	6.8	8.0	7.4	7.7	8.3	7.0	7.7	---	---	---
28	7.6	6.5	7.2	7.9	7.3	7.6	8.4	7.2	7.9	8.7	8.3	8.5
29	7.6	6.8	7.3	8.1	7.3	7.6	8.4	7.4	7.9	8.5	8.1	8.3
30	7.4	6.6	7.1	8.1	7.4	7.8	8.6	7.5	8.1	8.3	7.9	8.1
31	7.6	6.8	7.2	---	---	---	8.6	7.4	8.2	8.4	7.8	8.1
MONTH	7.9	5.3	6.7	8.8	6.7	7.7	8.6	6.2	7.5	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	8.9	7.8	8.3	10.1	9.3	9.7	7.5	6.3	7.0	6.8	5.2	6.2
2	8.8	7.9	8.5	10.1	9.4	9.8	7.6	6.5	7.0	7.5	5.3	6.2
3	9.0	8.1	8.5	9.9	9.2	9.6	7.4	6.4	6.8	7.2	5.0	6.1
4	9.2	8.2	8.6	10.0	9.2	9.6	7.4	6.4	6.9	7.2	4.9	6.1
5	9.3	8.5	8.9	10.0	9.4	9.8	7.6	6.4	7.0	7.4	5.0	6.0
6	9.1	8.6	8.9	10.0	9.5	9.8	7.6	6.4	6.9	7.7	5.2	6.3
7	9.2	8.4	8.8	10.1	9.4	9.8	7.7	6.3	7.0	7.4	5.4	6.4
8	9.1	8.5	8.8	10.2	9.4	9.8	7.8	6.0	6.9	7.2	5.7	6.4
9	9.1	8.6	8.9	10.2	9.4	9.8	7.6	6.1	6.8	7.3	5.4	6.4
10	9.1	8.5	8.9	10.0	9.3	9.6	7.2	6.1	6.6	6.9	5.6	6.2
11	9.0	8.4	8.8	10.0	9.1	9.6	7.4	6.1	6.9	6.6	5.3	5.9
12	9.0	8.5	8.8	9.8	8.8	9.3	7.3	6.5	6.9	---	---	---
13	9.1	8.3	8.7	9.6	8.5	9.0	7.2	5.9	6.7	---	---	---
14	9.1	8.3	8.7	9.3	8.2	8.8	7.3	6.0	6.7	---	---	---
15	9.1	7.7	8.6	9.2	8.3	8.7	7.3	5.7	6.5	---	---	---
16	9.2	7.9	8.6	8.8	8.2	8.5	7.2	6.0	6.6	---	---	---
17	9.4	7.7	8.6	8.9	8.1	8.5	7.2	5.6	6.6	7.8	6.0	6.9
18	9.5	7.6	8.5	8.9	7.9	8.4	7.4	5.8	6.6	7.6	6.0	6.7
19	9.4	7.5	8.4	8.7	7.9	8.3	7.2	5.6	6.3	7.6	6.5	7.0
20	9.2	7.2	8.2	8.6	7.7	8.2	7.6	5.6	6.5	8.2	6.6	7.2
21	9.7	7.3	8.5	8.3	7.3	7.8	7.6	5.8	6.6	7.5	6.4	7.1
22	9.6	8.1	9.0	8.2	7.0	7.7	7.7	6.0	6.6	8.1	6.6	7.4
23	9.7	7.9	9.0	7.9	7.1	7.5	7.4	6.2	6.8	7.6	6.3	7.1
24	9.8	7.8	8.8	7.8	6.7	7.3	7.4	5.7	6.6	7.3	6.1	6.8
25	9.3	8.0	8.7	7.8	6.9	7.2	7.0	5.5	6.3	7.4	5.9	6.8
26	9.8	7.7	9.0	7.8	6.6	7.1	6.9	5.4	6.4	7.3	6.1	6.7
27	9.9	9.1	9.5	7.5	6.5	7.0	6.7	5.6	6.3	7.3	6.1	6.6
28	10.0	9.3	9.6	7.7	6.5	7.2	6.7	5.7	6.2	7.1	5.4	6.3
29	---	---	---	7.7	6.7	7.3	7.3	6.0	6.4	7.0	5.2	6.2
30	---	---	---	7.6	6.8	7.2	6.9	5.3	6.4	6.1	4.6	5.4
31	---	---	---	7.6	6.6	7.1	---	---	---	6.7	4.6	5.4
MONTH	10.0	7.2	8.8	10.2	6.5	8.5	7.8	5.3	6.7	---	---	---

021720677 COOPER RIVER AT FILBIN CREEK NEAR NORTH CHARLESTON, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	6.6	4.8	5.7	6.3	5.0	5.6	6.4	4.2	5.1	5.5	4.0	4.9
2	6.7	4.6	5.7	6.9	4.9	5.7	6.7	4.0	5.0	6.0	4.6	5.2
3	6.9	5.0	5.7	7.3	4.9	5.9	6.8	4.0	5.1	6.3	4.2	5.2
4	7.0	4.7	5.8	7.5	5.0	6.1	6.1	4.1	5.1	5.8	4.3	5.1
5	6.7	4.3	5.6	7.3	4.8	6.0	6.0	4.2	5.0	5.4	4.0	4.9
6	6.7	4.4	5.5	7.1	4.6	5.9	5.7	3.9	4.7	5.5	4.2	4.9
7	5.7	4.3	5.0	7.4	5.0	6.2	5.6	3.8	4.9	5.7	4.3	5.2
8	6.1	4.2	5.1	7.0	5.2	6.0	5.7	4.2	5.0	6.1	4.8	5.4
9	5.8	3.9	5.0	6.7	4.6	5.7	5.9	4.2	5.1	6.3	5.0	5.6
10	6.2	4.1	5.3	7.3	4.8	5.8	5.9	4.2	5.1	6.5	4.8	5.7
11	6.1	4.6	5.5	7.0	4.1	5.5	6.2	4.4	5.1	6.2	4.7	5.5
12	6.0	4.7	5.4	6.5	4.1	5.5	6.2	3.8	4.9	6.3	4.4	5.5
13	6.0	4.5	5.3	6.8	4.4	5.5	5.8	4.4	5.1	6.2	4.7	5.6
14	5.9	4.5	5.2	6.7	4.1	5.3	6.3	4.3	5.1	6.2	5.0	5.6
15	5.9	4.6	5.2	7.2	4.1	5.4	6.2	4.1	5.0	6.1	5.0	5.6
16	6.0	4.6	5.3	7.3	5.0	5.8	6.6	4.1	5.0	6.0	4.9	5.3
17	5.9	4.7	5.2	7.3	5.2	5.9	5.9	4.0	4.9	5.4	4.6	5.0
18	5.8	4.8	5.2	6.9	5.3	6.0	6.1	3.7	4.9	5.6	4.4	4.9
19	---	---	---	7.4	5.1	6.1	5.5	3.2	4.7	5.6	4.5	5.0
20	---	---	---	7.8	5.2	6.2	5.2	3.2	4.5	5.6	4.6	5.1
21	---	---	---	7.1	5.2	6.1	4.6	3.3	4.1	5.5	4.6	5.1
22	---	---	---	6.7	5.0	5.6	4.5	3.1	3.9	5.6	4.6	5.1
23	---	---	---	5.7	4.6	5.1	5.1	3.0	4.1	5.3	4.4	4.8
24	---	---	---	5.5	4.3	5.0	5.2	3.6	4.5	5.5	4.4	5.0
25	---	---	---	5.6	4.3	5.0	5.2	3.9	4.6	5.9	4.7	5.3
26	---	---	---	5.7	4.2	4.9	4.9	3.7	4.4	6.0	4.8	5.4
27	---	---	---	6.2	4.0	5.0	4.9	3.6	4.4	6.3	5.2	5.8
28	---	---	---	6.4	4.3	5.3	5.2	3.8	4.4	6.3	5.2	5.8
29	7.1	5.1	5.8	6.8	4.6	5.5	5.1	3.9	4.4	6.4	5.1	5.7
30	6.4	5.1	5.7	7.1	4.5	5.4	5.2	3.8	4.5	6.7	5.3	5.9
31	---	---	---	7.6	4.2	5.4	5.4	4.0	4.6	---	---	---
MONTH	---	---	---	7.8	4.0	5.6	6.8	3.0	4.7	6.7	4.0	5.3

## WANDO 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, 22.80 ft, Aug. 7; minimum gage height, 12.60 ft, Feb. 28.

## GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	21.42	15.88	18.82	21.28	14.97	18.26	21.35	14.43	18.05	21.30	13.68	17.53
2	21.42	15.84	18.86	21.22	14.89	18.15	21.50	14.44	18.02	21.39	13.87	17.68
3	21.43	15.68	18.76	21.21	14.77	18.02	21.76	14.81	18.25	21.69	13.89	17.83
4	21.03	15.33	18.34	21.08	14.74	18.05	21.72	14.92	18.22	20.63	13.97	17.22
5	21.03	15.13	18.18	21.47	15.56	18.49	21.36	14.83	17.95	20.63	14.26	17.47
6	20.91	15.23	18.03	21.56	15.71	18.45	21.10	14.63	17.73	20.43	13.11	17.20
7	21.09	15.63	18.30	20.99	15.19	17.98	20.85	14.60	17.73	19.51	13.36	16.56
8	21.12	15.68	18.42	21.06	15.24	17.91	---	---	---	19.65	13.73	16.93
9	21.19	16.03	18.55	20.99	15.24	17.94	20.70	14.72	18.07	20.16	13.42	16.91
10	21.28	15.80	18.41	21.06	14.90	18.22	21.71	14.95	18.85	19.87	13.33	16.74
11	21.30	15.58	18.38	21.02	14.54	18.17	21.53	14.25	18.15	---	---	---
12	21.28	15.13	18.35	21.66	14.99	18.72	21.37	14.27	18.13	20.52	13.35	17.36
13	21.96	15.06	18.69	22.05	15.05	18.75	21.76	14.37	18.19	20.08	13.64	17.02
14	21.95	14.70	18.77	22.04	14.56	18.48	21.48	14.24	17.92	20.55	13.68	17.31
15	22.11	14.46	18.64	22.33	14.59	18.69	21.02	14.17	17.68	20.16	13.94	17.15
16	22.26	14.70	18.79	22.21	14.86	18.52	21.40	14.86	18.09	20.24	14.26	17.25
17	22.11	14.15	18.45	21.66	14.81	18.22	21.23	15.00	18.13	20.06	14.27	17.22
18	22.09	14.55	18.50	21.35	15.08	18.18	19.93	14.35	17.34	19.45	14.33	17.03
19	22.07	15.13	18.57	21.22	15.23	18.19	20.84	15.43	17.91	20.06	15.21	17.42
20	21.46	15.14	18.27	20.76	15.46	17.94	20.09	15.22	17.46	19.46	14.49	17.05
21	21.36	15.34	18.26	21.00	16.40	18.49	19.93	15.62	17.67	19.48	15.25	17.39
22	21.03	15.78	18.37	20.51	15.98	18.18	20.05	15.90	17.95	19.57	15.20	17.36
23	21.01	16.21	18.51	20.26	15.84	18.05	20.01	15.94	18.12	20.16	15.01	17.45
24	20.71	16.23	18.47	20.03	15.53	17.99	19.93	14.95	17.53	20.16	14.35	17.29
25	20.19	15.47	18.04	20.14	15.24	17.89	20.06	15.47	18.06	20.09	14.56	17.28
26	19.94	15.22	17.80	20.22	14.88	17.79	20.81	13.99	17.95	20.91	14.07	17.91
27	20.47	15.22	18.09	20.33	14.68	17.86	20.30	14.14	17.43	21.11	13.82	17.65
28	20.73	15.40	18.31	20.69	14.62	17.93	20.59	14.14	17.81	21.07	13.24	17.33
29	20.75	15.29	18.34	20.96	14.55	18.04	20.91	14.10	17.69	21.06	12.98	17.23
30	20.85	15.18	18.29	21.29	14.61	18.05	21.09	13.51	17.66	21.14	12.85	17.19
31	20.96	14.94	18.26	---	---	---	21.36	13.82	17.68	21.22	13.17	17.30
MONTH	22.26	14.15	18.41	22.33	14.54	18.19	---	---	---	---	---	---

## 021720698 WANDO RIVER ABOVE MOUNT PLEASANT, SC--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	20.98	13.49	17.26	21.33	13.09	17.41	21.59	14.48	17.84	21.29	14.98	17.83
2	20.87	13.45	17.44	21.34	13.98	17.93	21.58	15.10	18.10	20.90	14.85	17.52
3	20.99	14.80	17.92	20.86	13.66	17.25	21.23	15.10	17.93	19.87	14.58	17.19
4	20.67	14.04	17.16	20.49	13.62	16.75	20.20	15.44	18.02	20.05	15.46	18.06
5	20.17	14.59	17.54	19.96	14.18	17.10	20.92	16.14	18.57	20.26	15.39	18.00
6	20.65	15.25	17.97	20.16	14.58	17.21	20.84	15.89	18.37	20.31	15.63	18.06
7	21.08	13.83	17.61	20.03	14.84	17.34	20.65	15.80	18.27	20.12	14.96	17.80
8	20.23	14.54	17.56	20.05	15.05	17.54	20.48	15.11	18.01	19.96	14.72	17.58
9	20.69	14.74	17.85	20.32	14.62	17.47	20.26	14.61	17.63	20.28	14.60	17.63
10	20.94	14.74	17.85	20.27	14.35	17.33	20.12	14.37	17.50	20.35	14.46	17.54
11	20.06	14.13	17.22	20.38	14.37	17.84	20.64	14.86	18.00	20.94	14.44	17.71
12	20.73	14.41	17.66	20.82	14.83	18.02	20.72	14.84	17.96	20.94	14.60	17.88
13	20.45	14.27	17.54	20.70	14.41	17.55	20.87	14.64	17.88	20.74	14.33	17.54
14	20.62	14.70	17.87	20.08	13.99	17.30	20.81	14.69	17.86	21.02	13.68	17.37
15	20.63	14.91	18.00	20.15	14.08	17.38	20.59	14.60	17.59	20.96	14.93	17.74
16	20.04	14.68	17.62	19.85	13.90	17.18	20.68	14.79	17.61	20.66	14.82	17.61
17	19.58	14.51	17.09	20.42	14.45	17.29	20.54	15.00	17.62	20.58	14.71	17.44
18	19.93	15.16	17.45	20.09	14.57	17.52	20.43	15.01	17.51	20.59	14.26	17.28
19	19.97	15.28	17.53	20.76	15.33	17.77	20.44	15.14	17.57	20.59	15.66	18.14
20	20.08	15.39	17.65	20.76	15.44	18.00	20.27	15.17	17.54	21.19	15.48	18.54
21	19.88	14.88	17.14	20.30	15.42	17.89	20.62	15.17	17.93	21.21	15.16	18.54
22	19.93	14.94	17.40	20.95	15.43	18.10	20.56	14.38	17.73	21.96	15.62	19.04
23	20.49	15.18	17.93	20.71	15.20	18.03	21.26	14.92	18.29	22.08	14.78	18.87
24	21.14	14.36	18.28	20.69	14.49	17.80	21.44	14.55	18.45	21.83	13.94	18.26
25	21.47	14.20	18.07	20.83	14.08	17.73	21.42	14.16	18.29	21.76	13.75	17.96
26	21.64	13.83	18.03	21.01	13.70	17.88	22.23	13.46	18.27	21.87	13.93	17.93
27	20.79	12.83	17.04	21.30	13.49	17.95	22.05	14.09	18.27	21.96	14.25	18.09
28	21.22	12.60	17.37	22.20	13.83	18.56	21.46	13.65	17.84	22.24	14.72	18.38
29	---	---	---	22.33	14.24	18.52	21.22	13.53	17.35	21.98	15.58	18.69
30	---	---	---	22.01	14.05	18.27	21.45	14.16	17.87	21.60	15.53	18.42
31	---	---	---	21.69	14.29	18.14	---	---	---	21.38	15.56	18.32
MONTH	21.64	12.60	17.61	22.33	13.09	17.68	22.23	13.46	17.92	22.24	13.68	17.97
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	20.86	15.46	18.13	20.13	15.15	17.77	20.64	16.05	18.47	20.85	16.24	18.54
2	20.56	15.51	18.12	19.97	15.31	17.81	21.18	16.21	18.73	21.59	16.34	18.87
3	20.64	15.66	18.54	20.00	15.23	17.72	21.25	16.26	18.80	21.82	16.13	19.07
4	20.82	16.09	18.66	20.32	15.25	17.88	21.29	16.08	18.77	21.64	15.13	18.62
5	20.68	15.64	18.41	20.44	15.05	17.89	21.91	15.83	18.91	21.63	14.28	18.25
6	20.61	15.41	18.25	20.90	15.22	18.16	22.17	15.73	19.11	22.28	14.43	18.51
7	20.90	15.17	18.21	21.35	15.64	18.46	22.80	15.85	19.46	22.21	14.56	18.63
8	21.61	15.88	18.91	21.05	14.75	17.98	22.70	15.50	19.23	21.86	14.33	18.47
9	21.96	15.74	18.87	21.05	14.28	17.74	22.59	15.13	19.02	21.97	14.49	18.47
10	21.78	15.27	18.61	20.93	13.57	17.33	22.22	14.80	18.71	22.04	14.94	18.63
11	21.65	14.85	18.30	21.35	13.53	17.28	21.85	14.61	18.42	21.74	14.92	18.43
12	21.60	14.92	18.20	22.01	14.83	18.34	21.36	14.71	18.21	22.03	15.11	18.69
13	21.50	14.92	18.10	21.70	14.67	18.24	21.26	14.60	18.11	21.34	15.49	18.36
14	21.37	14.93	18.11	21.05	14.26	17.69	21.26	14.75	18.12	20.89	15.33	18.08
15	21.48	15.09	18.18	20.74	14.03	17.64	21.00	14.73	17.98	20.69	15.35	18.00
16	21.48	15.30	18.43	20.85	14.71	17.94	20.81	14.77	17.84	20.39	14.94	17.75
17	21.41	15.39	18.45	20.92	14.65	17.96	20.75	14.61	17.70	20.96	15.09	18.04
18	21.20	15.26	18.34	21.27	14.90	18.18	20.85	14.62	17.70	21.15	15.49	18.42
19	21.46	14.94	18.40	21.21	14.50	17.97	21.11	14.66	17.87	21.32	15.44	18.55
20	21.58	14.81	18.39	21.31	14.22	17.87	20.96	14.87	18.00	21.31	15.50	18.60
21	21.85	14.99	18.54	21.54	14.52	18.13	21.14	14.65	17.96	21.25	15.63	18.63
22	21.87	14.75	18.55	21.39	14.67	18.14	21.22	14.94	18.12	21.20	15.56	18.70
23	21.50	14.23	18.04	21.10	14.12	17.80	20.79	14.93	17.93	21.08	15.56	18.52
24	21.47	14.15	17.85	20.86	14.12	17.61	20.72	14.58	17.87	21.05	15.43	18.55
25	21.31	14.17	17.74	20.88	14.31	17.52	20.76	14.37	17.99	21.35	16.32	18.91
26	20.91	14.36	17.59	20.82	14.50	17.55	20.71	15.46	18.29	21.26	16.22	18.79
27	20.48	14.38	17.33	20.31	14.83	17.68	20.33	15.30	18.07	20.88	16.39	18.63
28	19.97	14.17	17.06	20.12	14.72	17.56	20.37	15.35	18.13	20.88	15.99	18.42
29	19.94	14.26	17.14	19.95	14.65	17.48	20.49	15.56	18.06	21.12	16.47	18.72
30	20.05	14.64	17.47	19.95	14.86	17.60	20.67	15.47	18.36	21.55	16.60	19.01
31	---	---	---	20.29	15.17	17.93	20.76	16.07	18.41	---	---	---
MONTH	21.96	14.15	18.16	22.01	13.53	17.83	22.80	14.37	18.33	22.28	14.28	18.53

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 good except for Oct. 31 to Nov. 16 May 16 to May 24, July 25 to Aug. 2, which are fair, and Oct. 18 to Oct. 31, May 24 to May 31, Sep. 5 to Sep. 18, which are poor. Temperature records rated excellent except for Aug. 8 to Aug. 14, which are good. Dissolved oxygen records rated poor except for Oct. 4 to Oct. 31, Sep. 18 to Sep. 30, which are fair, and Jan. 10 to Mar. 15, which are good. 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.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 45,900 microsiemens, Nov. 15; minimum, 29,300 microsiemens, Sep. 28.

WATER TEMPERATURE: Maximum, 31.3°C, July 19-21; minimum, 8.4°C, Jan. 9.

DISSOLVED OXYGEN: Maximum, 12.0 mg/L, Jan. 18; minimum, 4.2 mg/L, Sep. 17.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	43100	37900	40300	43200	39700	41000	41700	38400	39500	41800	38100	39400
2	42500	38300	40200	43400	40100	41200	42300	38400	39600	42400	38100	39400
3	41700	38500	40000	42900	40400	41100	42700	39100	40000	42800	38200	39600
4	40500	38100	39200	43300	40300	41200	43500	39500	40200	41100	35600	38700
5	40000	37800	38700	44300	41100	41900	42100	38600	39900	40400	37100	38400
6	40200	36700	38300	45000	41400	42400	42000	36600	39600	40000	34600	37700
7	40100	38000	38700	44000	39800	42100	41800	36100	39200	38300	35000	36900
8	41200	37000	38800	43400	36800	41000	41600	36500	39300	38800	34400	36800
9	40500	38200	39300	42500	35800	40200	41400	38400	39500	38400	35300	36800
10	42000	38700	39700	41000	38100	39800	43000	38900	40500	38300	34900	36500
11	41700	38600	39800	42000	39300	40100	43400	38900	39900	38300	36200	37100
12	41400	38700	39500	43900	39300	40600	42400	38600	39400	40600	36900	37800
13	42400	38400	39600	45200	40000	41200	42900	38300	39500	39400	36000	37500
14	42500	38500	39800	45400	39900	41400	41900	37800	38900	39600	35700	37600
15	42800	38200	39400	45900	39200	41300	40100	37500	38600	40200	35500	37400
16	43200	38100	39700	44700	39400	41100	42200	38000	39200	40000	36700	37600
17	43000	37900	39300	44100	39900	41100	42700	38600	39400	40300	35000	37600
18	43400	37900	39300	43100	39700	41000	40600	37400	38900	39600	36200	37900
19	43900	37900	39700	---	---	---	44100	37600	39400	41700	35800	38200
20	41200	36900	39000	---	---	---	41800	38400	39400	40600	36600	38300
21	---	---	---	---	---	---	41400	37800	39500	41700	37000	39100
22	---	---	---	---	---	---	42300	37800	39600	41000	38300	39400
23	---	---	---	---	---	---	42000	38100	39600	43400	37500	39700
24	---	---	---	---	---	---	40200	38300	39200	41800	36300	39200
25	---	---	---	---	---	---	42700	38900	40000	41000	38000	39100
26	---	---	---	---	---	---	43300	39100	40500	42000	38500	39600
27	---	---	---	42700	39400	40300	42200	39100	40300	42400	38400	39700
28	---	---	---	---	---	---	41900	39200	40200	42100	38400	39600
29	---	---	---	---	---	---	40800	38800	39700	42200	38400	39500
30	---	---	---	41800	38600	39500	42100	38500	39500	42700	38000	39300
31	---	---	---	---	---	---	43200	38500	39600	42400	37800	39100
MONTH	---	---	---	---	---	---	44100	36100	39600	43400	34400	38400

021720698 WANDO RIVER ABOVE MOUNT PLEASANT, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	43100	37900	39400	40400	34200	36700	37700	33600	36100
2	---	---	---	43400	37300	39300	40000	34000	36400	38800	33500	35800
3	---	---	---	40100	35200	37500	38600	32600	36000	35900	33300	35000
4	---	---	---	38700	34600	36800	37400	34000	35600	38000	32500	35700
5	---	---	---	37800	33100	35700	40300	34500	36700	40100	35800	37200
6	---	---	---	39700	33500	35700	39700	35500	36800	41000	36600	38000
7	---	---	---	39300	34300	36000	39700	36300	37400	39200	37200	38200
8	---	---	---	39100	35400	36600	39100	35300	36900	39000	37200	38100
9	---	---	---	39400	35000	36600	37800	34900	36200	38100	36000	37600
10	---	---	---	40200	35700	37000	37900	32900	35500	38100	35600	37100
11	---	---	---	40600	36400	38100	40600	35100	37200	39300	35000	37000
12	---	---	---	41200	36900	38800	40100	37000	38000	39700	35300	37100
13	---	---	---	40900	36900	38400	40200	37100	38000	37900	34500	36700
14	---	---	---	39400	36400	37700	39700	37000	37800	40300	34900	36700
15	40500	37800	38900	41200	36100	38500	39100	35600	37300	38700	35800	37000
16	41000	36700	38600	41200	37400	39200	39600	33400	36900	39000	35000	36800
17	39100	37300	38300	41000	37500	39100	40700	32300	36500	39000	34000	36600
18	40500	36300	38800	41300	38500	39500	38900	33400	36300	38800	35000	36700
19	41700	38000	39100	43300	39000	40000	38400	34000	35800	40700	35800	38000
20	43000	37100	39100	43900	39500	40700	38900	34100	35900	43100	37500	39700
21	39800	36400	38300	42400	39400	40400	39400	33500	36200	42600	38400	40400
22	43200	35400	38500	44000	38700	41000	39300	34200	35900	45300	38700	41200
23	43200	36500	39100	44400	39000	41000	40300	35100	36800	44400	38700	41200
24	43200	38400	40200	44000	37800	40500	40700	35100	37600	40600	35900	38500
25	43500	38400	40500	43000	39000	40400	40000	35800	37400	37600	33800	35700
26	43800	38600	40700	42300	38900	40400	43200	35000	37700	38300	33200	34800
27	42300	38500	40000	42800	38500	40000	42600	36700	38600	38800	33300	34800
28	42500	37900	39600	45800	37600	40500	40500	35500	37800	39700	34000	35400
29	---	---	---	45100	36600	39800	39500	33400	36700	38900	34500	36000
30	---	---	---	42700	36700	38900	38600	32100	35500	38900	34700	36300
31	---	---	---	41700	36400	38200	---	---	---	39200	32700	36300
MONTH	---	---	---	45800	33100	38800	43200	32100	36800	45300	32500	37200
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	37100	33600	35200	38300	32400	34400	42600	36200	38600	40000	33600	35500
2	37200	33100	34400	38900	33200	35100	42200	36600	38800	41400	33200	36500
3	---	---	---	39900	33700	35700	41600	36300	38700	40800	34600	37600
4	---	---	---	39300	33900	35800	42000	36900	39200	39600	34100	37100
5	---	---	---	41000	34200	36500	43600	37000	39700	39300	33700	36100
6	---	---	---	40700	34700	36900	43400	37400	40000	40900	34100	36500
7	---	---	---	40600	35600	37400	44700	37300	40500	41200	34200	36800
8	---	---	---	40300	35200	37200	45300	37600	40800	40800	34100	36800
9	---	---	---	39600	35100	36900	45400	38000	40800	41200	34200	36800
10	---	---	---	39400	34400	36300	44500	38300	40600	41400	34600	36900
11	44600	40800	41900	39500	33700	35800	43800	38400	40100	39900	34700	36400
12	43800	40200	41600	41900	35000	36800	43200	38300	39400	39800	34900	36200
13	42700	38900	41000	41600	35100	37300	41600	37200	38900	40100	34500	35900
14	42600	37400	39900	41600	34500	36600	40000	36400	38000	---	---	---
15	40900	36500	38700	38800	34900	36300	40000	35000	37500	---	---	---
16	41500	35800	38800	39200	34600	36100	39500	32900	36800	---	---	---
17	43100	38300	39600	39100	34600	35900	38700	33300	36500	---	---	---
18	41700	38300	39500	37900	34300	35600	39000	33300	36200	---	---	---
19	41000	37100	38800	38300	32700	35100	39300	35000	36200	38400	33800	35600
20	40200	35500	38100	39200	34000	35200	40600	35600	36900	38200	34200	35900
21	41100	36500	37700	40000	34300	35600	40000	35000	37100	38500	34700	36100
22	39500	34500	36900	39000	34200	35700	40500	36600	37300	39000	34800	36400
23	38000	33200	35300	38600	34000	35300	39400	36600	37300	38100	35000	36400
24	38700	33200	34900	38200	33400	35100	40100	35900	37200	38800	35100	36500
25	37300	32500	34200	38800	33800	35200	39700	35600	36800	40700	35000	36800
26	35800	30600	33600	38100	34400	35500	40100	35700	37000	37500	32100	34300
27	34400	29700	32800	36800	34400	35500	39700	36100	36900	34100	30500	32800
28	34500	30400	32500	37100	34000	35500	39500	35500	36800	34600	29300	31700
29	35200	30800	32300	37600	34400	35300	38200	34600	36400	38800	30600	32400
30	36500	30900	33100	40100	34700	35900	37700	33500	35200	39700	30400	34000
31	---	---	---	41800	35600	37200	38400	33700	34800	---	---	---
MONTH	---	---	---	41900	32400	36000	45400	32900	38000	---	---	---

## WANDO RIVER BASIN

021720698 WANDO RIVER ABOVE MOUNT PLEASANT, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	22.9	22.1	22.6	18.4	17.4	18.0	19.4	18.6	18.9	12.5	11.6	12.1
2	22.7	21.9	22.3	19.1	18.2	18.6	19.7	18.7	19.0	12.1	10.6	11.4
3	22.7	22.0	22.4	19.8	18.7	19.1	19.3	18.5	18.8	11.4	9.3	10.4
4	22.9	22.3	22.6	20.0	18.9	19.4	18.6	18.3	18.5	10.4	8.6	9.5
5	23.5	22.6	22.9	19.5	18.7	19.1	18.8	18.3	18.5	9.9	8.5	9.3
6	23.9	22.9	23.2	18.8	18.2	18.5	19.1	18.3	18.6	9.8	8.9	9.4
7	23.3	22.6	23.0	18.7	17.8	18.2	19.4	18.4	18.8	9.7	8.9	9.4
8	22.8	21.9	22.3	18.3	17.8	18.1	19.4	18.6	18.9	9.5	8.6	9.1
9	22.1	21.3	21.7	18.2	17.8	18.1	19.4	18.8	19.1	9.2	8.4	8.9
10	21.8	21.1	21.5	18.4	17.7	18.0	19.3	18.2	18.6	9.3	8.6	9.0
11	21.9	21.3	21.6	18.1	17.6	17.8	18.4	17.8	18.1	9.6	8.9	9.3
12	22.1	21.3	21.7	17.8	17.1	17.6	18.0	17.5	17.8	9.8	9.4	9.6
13	22.2	21.4	21.9	17.4	16.4	17.0	18.1	17.5	17.9	10.1	9.5	9.8
14	22.4	21.8	22.1	16.9	16.2	16.6	18.4	17.9	18.1	9.9	9.7	9.8
15	22.5	21.7	22.1	16.7	16.2	16.5	18.8	18.2	18.4	10.2	9.7	10.0
16	22.3	21.8	22.0	16.8	16.3	16.5	18.4	17.9	18.1	10.4	9.9	10.1
17	22.0	21.0	21.4	17.2	16.5	16.7	18.2	17.7	18.0	10.7	10.0	10.4
18	21.1	20.3	20.7	17.2	16.5	16.8	18.2	17.9	18.1	10.9	10.3	10.6
19	20.8	19.7	20.4	17.7	16.7	17.1	18.1	17.5	17.9	11.6	10.7	11.1
20	21.5	20.4	20.7	17.8	16.9	17.3	17.9	16.8	17.5	11.9	11.3	11.6
21	22.3	20.7	21.2	17.2	16.7	17.1	17.6	16.4	16.9	11.9	11.3	11.6
22	22.5	21.0	21.6	17.0	16.5	16.8	17.1	16.0	16.5	11.9	11.4	11.7
23	22.8	21.3	21.9	16.7	16.5	16.6	16.7	15.8	16.3	13.1	11.6	12.1
24	23.1	21.6	22.4	17.6	16.6	16.9	16.4	15.5	16.1	13.6	11.9	12.9
25	23.3	22.1	22.7	17.8	16.7	17.3	16.1	14.9	15.6	13.7	12.5	13.2
26	23.1	21.5	22.1	18.1	17.0	17.5	15.7	13.5	14.9	13.5	12.5	12.8
27	21.7	19.9	20.9	18.4	17.4	17.8	14.7	12.3	13.8	13.4	12.5	12.9
28	20.5	18.6	19.7	18.6	17.6	18.0	14.1	12.1	13.2	14.1	12.8	13.3
29	19.1	17.7	18.6	18.9	17.9	18.3	13.6	11.8	13.0	14.4	13.1	13.6
30	18.6	17.4	18.1	19.2	18.2	18.6	13.3	11.9	12.8	15.1	13.5	14.1
31	18.2	17.2	17.9	---	---	---	12.9	11.9	12.4	15.9	13.9	14.7
MONTH	23.9	17.2	21.5	20.0	16.2	17.7	19.7	11.8	17.1	15.9	8.4	11.1
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	12.2	11.6	12.0	21.8	19.8	20.5	23.8	22.9	23.2
2	---	---	---	12.5	11.7	12.0	21.8	20.0	20.7	24.7	23.2	23.7
3	---	---	---	13.5	12.3	12.8	22.3	20.3	21.2	25.4	23.6	24.2
4	---	---	---	13.1	12.0	12.7	21.7	20.4	21.0	24.5	23.8	24.1
5	---	---	---	12.6	11.0	12.1	20.6	19.6	20.1	24.2	23.5	23.8
6	---	---	---	12.8	11.5	12.1	20.0	19.5	19.8	24.6	23.3	23.8
7	---	---	---	12.9	11.9	12.4	19.6	18.9	19.2	24.4	23.5	24.0
8	---	---	---	13.6	12.3	12.9	19.6	18.9	19.1	24.9	23.8	24.4
9	---	---	---	14.3	13.0	13.6	20.0	19.1	19.5	25.2	24.3	24.8
10	---	---	---	14.8	13.6	14.2	20.2	19.5	19.8	26.0	24.6	25.2
11	---	---	---	14.7	13.5	14.1	20.2	19.5	19.8	26.6	25.0	25.6
12	---	---	---	14.5	13.9	14.2	20.4	19.7	20.0	26.7	25.4	25.9
13	---	---	---	15.5	14.2	14.7	20.7	19.8	20.2	26.7	25.6	26.1
14	---	---	---	15.9	14.5	15.1	21.6	20.1	20.7	26.5	25.5	25.9
15	12.9	12.6	12.7	16.8	15.0	15.7	22.3	20.6	21.3	25.6	25.1	25.4
16	13.1	12.6	12.8	17.6	15.6	16.4	23.2	21.2	21.9	26.2	24.9	25.3
17	13.1	12.6	12.9	18.1	16.2	17.0	23.8	21.7	22.6	26.1	24.8	25.4
18	12.8	12.3	12.5	18.8	16.6	17.5	24.5	22.1	23.1	25.7	25.0	25.5
19	12.8	12.0	12.5	18.7	17.1	17.9	24.6	22.4	23.5	25.1	23.5	24.2
20	13.7	12.4	12.9	19.4	17.4	18.2	24.8	22.7	23.7	23.8	22.3	23.1
21	14.1	13.0	13.6	19.4	18.0	18.6	25.2	22.6	23.9	23.1	22.0	22.6
22	14.0	13.1	13.6	18.6	17.6	18.1	25.2	23.2	24.1	22.5	21.3	22.0
23	13.7	13.2	13.4	18.1	17.2	17.6	24.9	23.0	23.6	22.0	21.2	21.6
24	13.3	12.4	13.0	18.1	17.2	17.6	24.3	23.0	23.5	22.4	21.4	21.9
25	13.1	12.6	12.9	18.5	17.3	17.8	24.1	23.0	23.5	23.4	22.1	22.5
26	13.6	13.0	13.2	19.0	17.6	18.3	24.1	23.0	23.4	24.0	22.6	23.1
27	13.7	12.5	13.1	19.8	18.2	18.8	23.4	22.7	22.9	24.7	23.0	23.6
28	12.5	12.0	12.2	19.7	18.5	19.0	23.7	22.7	23.1	24.7	23.4	23.9
29	---	---	---	19.9	18.5	19.0	24.4	23.2	23.6	25.0	23.8	24.2
30	---	---	---	20.5	19.0	19.5	23.8	23.0	23.3	25.3	24.1	24.5
31	---	---	---	21.1	19.4	20.1	---	---	---	26.0	24.5	25.1
MONTH	---	---	---	21.1	11.0	15.9	25.2	18.9	21.8	26.7	21.2	24.1

## WANDO RIVER BASIN

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TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	27.0	24.9	25.7	28.6	27.6	28.0	30.6	30.0	30.3	27.8	27.1	27.5
2	27.4	25.4	26.2	29.2	27.8	28.3	30.3	29.8	30.1	27.6	27.2	27.4
3	27.4	25.9	26.7	29.1	28.1	28.6	30.1	29.6	29.9	27.7	27.1	27.4
4	27.6	26.3	26.9	29.5	28.4	28.9	30.0	29.4	29.6	28.0	27.3	27.6
5	27.9	26.5	27.2	30.0	28.6	29.2	29.6	29.1	29.4	28.6	27.6	28.0
6	28.1	26.8	27.5	30.0	28.9	29.3	30.0	29.1	29.5	28.5	27.9	28.2
7	28.0	27.1	27.5	29.8	28.9	29.3	29.6	28.8	29.2	28.3	27.9	28.1
8	27.7	26.6	27.0	29.9	28.6	29.1	28.8	28.1	28.5	28.2	27.8	28.0
9	27.0	26.4	26.7	29.4	28.8	29.1	28.3	27.5	28.0	28.0	27.5	27.8
10	26.9	26.3	26.6	29.7	28.8	29.2	28.1	27.5	27.8	28.1	27.3	27.6
11	27.3	26.4	26.7	29.7	28.9	29.1	28.6	27.5	27.9	28.6	27.4	27.9
12	28.0	26.7	27.2	29.0	28.5	28.8	28.8	27.6	28.1	28.4	27.5	28.0
13	28.6	27.1	27.6	29.0	28.1	28.6	28.5	27.7	28.1	28.5	27.6	28.0
14	29.1	27.4	28.0	29.5	28.6	28.9	28.9	27.7	28.2	28.6	27.8	28.3
15	28.9	27.7	28.1	29.8	28.9	29.2	29.4	27.9	28.6	28.4	27.9	28.1
16	28.7	27.7	28.1	30.5	29.0	29.6	29.8	28.3	29.0	28.3	27.8	28.0
17	28.6	27.5	28.0	31.0	29.5	30.2	29.7	28.6	29.2	28.4	27.6	28.0
18	28.2	27.7	27.9	31.2	29.9	30.5	29.7	28.7	29.2	28.3	27.8	28.0
19	27.8	27.4	27.6	31.3	29.9	30.7	29.7	28.8	29.2	28.3	27.8	28.0
20	27.6	26.7	27.3	31.3	30.3	30.9	29.5	28.7	29.1	28.1	27.7	27.9
21	27.0	26.5	26.8	31.3	30.1	30.8	29.7	28.8	29.2	28.2	27.7	27.9
22	26.6	25.8	26.3	30.9	30.2	30.5	30.0	28.9	29.3	28.2	27.7	27.9
23	26.4	25.6	26.0	30.2	29.6	29.9	30.1	29.0	29.4	28.3	27.8	28.0
24	26.7	26.0	26.3	29.6	29.2	29.4	30.2	29.3	29.6	28.0	27.6	27.9
25	26.9	26.3	26.5	29.8	29.0	29.4	30.1	29.3	29.7	27.6	27.2	27.4
26	27.4	26.4	26.8	30.1	29.4	29.7	29.7	29.3	29.5	27.8	26.9	27.3
27	27.9	26.8	27.2	30.3	29.5	29.8	29.4	29.1	29.3	28.0	27.3	27.5
28	28.4	27.1	27.5	30.5	29.6	30.0	29.2	28.8	29.0	28.5	27.4	27.8
29	28.4	27.3	27.8	30.9	29.8	30.2	28.9	28.3	28.6	28.1	27.5	27.8
30	28.3	27.5	27.9	31.0	30.0	30.4	28.6	27.6	28.0	27.7	27.3	27.5
31	---	---	---	31.0	30.0	30.4	28.0	27.2	27.6	---	---	---
MONTH	29.1	24.9	27.1	31.3	27.6	29.5	30.6	27.2	29.0	28.6	26.9	27.8



## WANDO RIVER BASIN

021720698 WANDO RIVER ABOVE MOUNT PLEASANT, SC--Continued

## OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	8.1	6.3	7.2	8.0	7.6	7.8	7.8	7.2	7.5	9.1	8.6	8.8
2	8.9	6.4	7.5	8.0	7.6	7.8	7.8	6.9	7.4	9.4	8.8	9.1
3	9.0	6.7	7.7	8.1	7.6	7.8	7.9	7.0	7.5	9.6	9.0	9.3
4	8.8	6.7	7.8	8.4	7.6	7.9	8.0	7.1	7.5	9.9	9.1	9.6
5	8.2	6.5	7.5	8.4	7.8	8.1	8.3	7.2	7.6	10.3	9.4	9.8
6	7.6	6.6	7.1	8.8	7.8	8.3	8.2	7.1	7.6	10.4	9.6	10.0
7	7.4	6.6	7.0	9.0	7.9	8.5	8.1	7.0	7.4	10.4	9.7	10.1
8	7.8	6.6	7.1	9.3	8.0	8.5	7.7	6.6	7.0	10.6	9.8	10.2
9	7.9	6.9	7.4	9.2	7.7	8.4	7.3	6.5	6.9	10.8	10.0	10.3
10	7.7	6.9	7.4	8.8	7.7	8.2	7.3	6.2	6.8	10.9	10.1	10.5
11	7.6	6.8	7.1	8.4	7.2	7.7	6.8	6.2	6.5	11.0	10.2	10.6
12	7.4	6.6	7.0	8.2	6.7	7.6	7.1	6.2	6.7	11.0	10.2	10.5
13	7.1	6.4	6.8	8.3	7.0	7.7	7.2	6.5	6.8	11.2	10.2	10.6
14	6.8	6.0	6.5	8.2	7.1	7.7	7.5	6.5	7.0	11.1	10.2	10.6
15	6.5	5.8	6.2	8.7	7.3	7.8	7.4	6.6	7.1	11.4	10.1	10.7
16	6.7	5.4	6.1	8.8	7.5	8.2	7.7	7.0	7.4	11.6	10.2	10.8
17	7.0	5.6	6.2	8.8	8.2	8.5	7.7	7.2	7.4	11.8	10.4	11.0
18	7.1	6.0	6.6	8.9	8.3	8.6	7.8	6.9	7.4	12.0	10.5	11.2
19	7.2	6.6	6.8	9.2	8.5	8.9	7.7	6.9	7.3	11.8	10.5	11.2
20	7.6	6.7	7.0	9.5	8.5	9.1	7.9	6.9	7.3	11.8	10.4	11.1
21	7.4	6.6	7.0	9.9	8.9	9.4	8.0	7.0	7.4	11.2	10.2	10.8
22	7.4	6.6	7.0	9.8	9.0	9.4	8.1	7.2	7.7	11.3	10.1	10.7
23	7.2	6.4	6.8	9.5	8.8	9.2	8.2	7.3	7.8	10.8	9.9	10.4
24	6.9	6.1	6.4	9.3	8.6	9.0	8.3	7.5	7.9	10.6	9.6	10.2
25	7.0	5.9	6.4	9.2	8.3	8.8	8.3	7.5	7.9	10.2	9.4	9.8
26	7.0	6.0	6.4	9.0	8.2	8.6	8.4	7.6	8.0	9.7	9.2	9.5
27	7.3	6.2	6.7	8.6	7.9	8.3	8.6	7.9	8.3	9.5	9.0	9.3
28	7.8	6.7	7.3	8.2	7.5	7.9	8.8	8.0	8.4	9.2	8.8	9.0
29	7.9	7.0	7.5	7.9	7.3	7.6	8.9	8.3	8.5	9.1	8.6	8.8
30	8.1	7.3	7.7	8.0	7.4	7.7	8.9	8.4	8.7	9.0	8.4	8.7
31	8.1	7.4	7.7	---	---	---	8.9	8.4	8.7	8.9	8.2	8.6
MONTH	9.0	5.4	7.0	9.9	6.7	8.3	8.9	6.2	7.5	12.0	8.2	10.1
DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	10.0	9.2	9.6	8.3	7.2	7.9	6.9	5.0	5.8
2	---	---	---	9.7	9.3	9.5	8.3	7.2	7.8	6.3	4.9	5.6
3	---	---	---	9.5	9.1	9.3	8.4	7.2	7.8	6.8	4.9	5.7
4	---	---	---	9.5	9.0	9.3	7.8	6.9	7.4	6.4	4.9	5.7
5	---	---	---	10.1	9.2	9.5	8.0	6.6	7.2	6.8	5.1	5.9
6	---	---	---	10.2	9.2	9.7	8.2	6.5	7.3	7.4	5.3	6.2
7	---	---	---	10.3	9.3	9.8	7.8	6.6	7.4	7.4	5.2	6.4
8	---	---	---	10.2	9.3	9.8	7.9	6.6	7.3	7.7	5.8	7.0
9	---	---	---	10.2	8.8	9.4	8.2	6.9	7.6	8.3	6.1	7.2
10	---	---	---	10.0	8.7	9.5	8.1	7.0	7.5	8.2	6.6	7.4
11	---	---	---	9.9	8.9	9.4	7.9	6.2	7.2	8.2	6.3	7.3
12	---	---	---	9.4	8.6	9.1	7.6	6.4	7.0	8.0	6.3	7.1
13	---	---	---	9.1	8.5	8.8	7.6	6.0	6.9	7.7	6.1	6.8
14	---	---	---	9.3	8.2	8.6	7.6	6.1	7.0	7.4	5.9	6.6
15	9.5	8.5	9.0	9.1	8.2	8.7	8.0	6.0	7.0	7.2	5.7	6.4
16	9.6	8.3	9.0	9.1	8.0	8.7	8.2	6.1	7.2	7.7	5.4	6.4
17	9.6	8.4	9.1	9.3	8.4	8.7	8.2	5.8	6.8	7.5	6.0	6.7
18	9.8	8.6	9.2	9.2	8.4	8.7	8.1	5.9	6.9	7.1	6.0	6.7
19	10.1	8.6	9.5	9.3	8.3	8.8	7.8	5.8	6.7	6.9	5.9	6.5
20	10.1	8.8	9.5	9.1	8.0	8.6	7.7	5.3	6.5	7.3	6.2	6.7
21	10.0	8.5	9.3	8.7	7.8	8.2	7.6	5.2	6.3	7.1	5.9	6.6
22	10.1	8.2	9.2	8.7	7.3	8.0	6.9	5.0	5.9	7.6	6.2	6.9
23	9.7	7.7	8.7	9.1	7.5	8.4	7.1	5.3	6.3	7.4	6.4	6.9
24	9.8	7.9	8.7	9.3	7.5	8.4	6.9	5.2	5.9	7.5	6.3	7.0
25	9.8	8.0	9.1	8.9	7.4	8.3	6.7	5.0	5.8	7.6	6.7	7.0
26	9.8	8.8	9.3	8.8	7.7	8.3	7.0	5.1	6.3	7.3	6.5	6.9
27	9.6	9.2	9.4	8.8	7.2	8.0	6.6	5.7	6.2	7.7	6.3	6.9
28	9.8	9.1	9.4	8.9	7.1	8.0	6.6	5.2	6.1	7.8	6.2	6.9
29	---	---	---	8.5	6.8	8.0	6.9	5.3	6.3	7.7	6.2	7.0
30	---	---	---	8.3	7.3	8.0	6.8	5.6	6.3	7.6	6.4	6.9
31	---	---	---	8.3	7.4	7.9	---	---	---	7.2	6.3	6.7
MONTH	---	---	---	10.3	6.8	8.8	8.4	5.0	6.9	8.3	4.9	6.6

021720698 WANDO RIVER ABOVE MOUNT PLEASANT, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	7.8	5.7	6.7	8.0	5.6	6.6	8.3	5.2	6.5	6.5	5.1	5.7
2	8.5	5.5	6.8	8.9	5.3	7.0	6.9	4.9	6.1	7.0	5.4	6.0
3	7.9	5.7	6.7	8.6	5.8	7.1	6.8	5.0	6.0	6.8	5.5	6.1
4	7.3	5.4	6.4	8.0	5.9	6.9	6.6	5.1	5.9	6.4	5.4	5.8
5	7.1	5.2	6.1	7.4	5.7	6.5	6.3	4.9	5.6	5.9	4.9	5.3
6	6.9	5.3	6.1	7.7	5.9	6.7	6.1	4.4	5.2	5.7	4.5	5.0
7	6.3	5.1	5.8	8.0	5.5	6.7	6.1	4.6	5.3	5.6	4.4	5.1
8	6.5	5.3	5.9	7.6	5.9	6.7	6.4	4.5	5.5	5.6	4.6	5.2
9	6.9	5.2	6.0	7.3	5.7	6.5	6.4	4.8	5.7	5.7	4.5	5.1
10	6.7	5.3	6.0	7.8	5.5	6.6	6.1	5.0	5.7	6.0	4.7	5.4
11	6.9	5.4	6.1	7.1	5.7	6.4	6.2	4.8	5.5	6.0	5.0	5.5
12	6.7	5.3	6.0	6.4	5.5	5.9	6.1	4.5	5.3	6.1	5.2	5.6
13	7.0	5.2	6.0	6.2	4.7	5.4	5.7	4.3	5.1	6.2	5.0	5.6
14	6.8	5.4	6.1	6.3	4.6	5.6	5.8	4.4	5.1	6.0	4.9	5.3
15	6.7	5.0	6.0	6.6	4.8	5.7	6.1	4.7	5.3	5.3	4.5	5.0
16	7.0	5.2	6.1	6.8	5.3	5.9	6.8	4.8	5.6	5.4	4.4	4.9
17	6.9	5.3	6.0	7.5	5.2	6.1	6.2	5.0	5.5	5.3	4.2	4.7
18	6.3	4.8	5.5	7.0	5.4	6.2	6.7	4.8	5.5	6.0	4.3	5.0
19	6.1	5.0	5.5	7.5	5.1	6.1	6.8	4.9	5.5	5.9	4.9	5.4
20	6.2	5.0	5.5	7.0	5.3	6.2	6.2	4.8	5.3	5.9	5.0	5.4
21	6.7	5.3	5.8	6.6	4.8	5.6	6.2	4.7	5.3	6.0	5.0	5.4
22	6.8	5.4	6.1	5.4	4.3	4.9	5.5	4.6	5.2	6.0	4.9	5.3
23	6.8	5.2	6.1	5.6	4.4	4.9	6.0	4.3	5.1	5.5	4.7	5.0
24	7.0	5.4	6.1	5.7	4.6	5.1	6.7	4.8	5.5	5.4	4.5	5.0
25	6.9	5.5	6.2	7.7	4.7	5.7	6.5	5.4	5.8	5.6	4.4	5.0
26	7.3	5.7	6.3	8.0	4.9	6.5	5.7	5.0	5.4	5.6	4.5	5.0
27	7.9	5.9	6.6	8.4	5.6	6.8	5.9	4.7	5.2	5.8	4.4	5.0
28	7.7	5.6	6.6	8.9	5.7	7.1	5.4	4.7	5.1	5.6	4.6	5.0
29	8.1	5.4	6.5	8.8	5.5	7.3	5.7	4.7	5.1	5.2	4.5	4.8
30	7.4	5.6	6.6	9.3	5.7	7.5	6.0	4.7	5.3	5.6	4.4	4.9
31	---	---	---	8.8	5.5	7.0	5.9	4.9	5.3	---	---	---
MONTH	8.5	4.8	6.1	9.3	4.3	6.3	8.3	4.3	5.5	7.0	4.2	5.2

## COOPER RIVER BASIN

021720709 COOPER RIVER AT U.S. HIGHWAY 17 AT CHARLESTON, SC

LOCATION.--Lat 32°48'11'', long 79°54'55'', Charleston County, Hydrologic Unit 03050201, on downstream side of pier on U.S. Highway 17 bridge and at mile 1.4.

DRAINAGE AREA.--Indeterminate.

## GAGE-HEIGHT RECORDS

PERIOD OF RECORD.--April 1997 to current year.

GAGE.--Data collection platform. Elevation of gage is 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, 10.93 ft, Aug. 7; minimum gage height, 1.09 ft, Feb. 28.

## GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	9.54	4.35	7.06	9.45	3.45	6.50	9.45	2.96	6.26	9.40	2.20	5.77
2	9.55	4.30	7.10	9.33	3.39	6.39	9.60	2.95	6.24	9.56	2.35	5.95
3	9.60	4.17	6.99	9.36	3.27	6.26	9.83	3.30	6.48	9.76	2.40	6.07
4	9.21	3.82	6.58	9.20	3.21	6.30	9.80	3.39	6.46	8.77	2.41	5.50
5	9.18	3.60	6.43	9.64	4.03	6.77	9.43	3.31	6.19	8.75	2.80	5.74
6	9.06	3.72	6.30	9.69	4.19	6.73	9.21	3.07	5.99	8.55	1.60	5.48
7	9.33	4.09	6.58	9.16	3.67	6.26	8.93	3.07	5.99	7.66	1.84	4.85
8	9.29	4.10	6.70	9.18	3.73	6.18	9.10	3.37	6.25	7.77	2.22	5.21
9	9.33	4.49	6.84	9.13	3.68	6.22	8.80	3.22	6.32	8.29	1.90	5.18
10	9.37	4.26	6.69	9.23	3.41	6.48	9.79	3.42	7.07	8.01	1.82	5.00
11	9.46	4.04	6.65	9.19	3.04	6.40	9.63	2.73	6.39	---	---	---
12	9.43	3.62	6.61	9.81	3.41	6.95	9.46	2.74	6.35	---	---	---
13	10.07	3.55	6.90	10.23	3.55	6.98	9.84	2.87	6.39	8.26	2.15	5.27
14	10.06	3.16	6.97	10.19	3.06	6.71	9.55	2.75	6.13	8.73	2.17	5.57
15	10.25	2.95	6.85	10.50	3.12	6.93	9.09	2.67	5.90	8.30	2.43	5.42
16	10.37	3.18	6.98	10.37	3.39	6.75	9.50	3.33	6.34	8.36	2.74	5.53
17	10.22	2.64	6.66	9.79	3.32	6.46	9.34	3.46	6.36	8.16	2.66	5.49
18	10.25	3.05	6.72	9.51	3.57	6.45	8.12	2.77	5.60	7.61	2.78	5.32
19	10.22	3.62	6.80	9.38	3.76	6.45	8.95	3.94	6.18	8.18	3.57	5.70
20	9.59	3.61	6.52	8.93	3.90	6.22	8.25	3.56	5.75	7.62	2.97	5.35
21	9.49	3.79	6.52	9.20	4.85	6.80	8.15	4.04	5.98	7.66	3.68	5.69
22	9.19	4.20	6.64	8.69	4.41	6.48	8.23	4.32	6.25	7.70	3.62	5.67
23	9.11	4.65	6.78	8.48	4.25	6.36	8.20	4.34	6.42	8.31	3.39	5.75
24	8.87	4.67	6.74	8.28	3.97	6.29	8.09	3.40	5.84	8.28	2.77	5.57
25	8.31	3.89	6.31	8.29	3.70	6.18	8.23	3.89	6.34	8.23	3.01	5.56
26	8.14	3.66	6.09	8.33	3.35	6.07	8.94	2.44	6.23	9.04	2.57	6.17
27	8.69	3.65	6.38	8.46	3.02	6.12	8.43	2.63	5.70	9.21	2.34	5.88
28	8.94	3.89	6.60	8.81	3.13	6.18	8.74	2.63	6.05	9.18	1.75	5.55
29	8.92	3.80	6.61	9.07	3.04	6.26	9.02	2.60	5.93	9.16	1.49	5.44
30	9.05	3.34	6.54	9.39	3.03	6.27	9.20	2.06	5.89	9.23	1.38	5.43
31	9.16	3.23	6.52	---	---	---	9.43	2.34	5.91	9.27	1.67	5.48
MONTH	10.37	2.64	6.67	10.50	3.02	6.45	9.84	2.06	6.17	---	---	---

021720709 COOPER RIVER AT U.S. HIGHWAY 17 AT CHARLESTON, SC--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	9.05	1.99	5.48	9.49	1.60	5.64	9.73	2.97	6.08	9.39	3.47	6.10
2	8.99	1.93	5.69	9.48	2.49	6.15	9.68	3.57	6.35	9.08	3.35	5.79
3	9.09	3.28	6.16	9.01	2.21	5.49	9.39	3.57	6.20	8.06	3.03	5.49
4	8.83	2.51	5.44	8.61	2.13	5.04	8.38	3.91	6.32	8.24	3.93	6.36
5	8.36	3.11	5.83	8.12	2.65	5.38	9.10	4.60	6.87	8.51	3.86	6.32
6	8.80	3.73	6.25	8.29	3.06	5.51	9.01	4.36	6.66	8.51	4.06	6.35
7	9.21	2.31	5.88	8.20	3.30	5.65	8.86	4.25	6.56	8.31	3.43	6.08
8	8.35	2.86	5.83	8.22	3.48	5.83	8.67	3.56	6.28	8.14	3.19	5.86
9	8.87	3.24	6.12	8.45	3.10	5.74	8.43	3.11	5.90	8.47	3.06	5.89
10	9.05	3.21	6.10	8.40	2.81	5.61	8.30	2.88	5.77	8.51	2.92	5.81
11	8.20	2.65	5.49	8.60	2.84	6.10	8.78	3.35	6.26	9.09	2.96	5.96
12	8.87	2.88	5.91	8.93	3.32	6.25	8.86	3.33	6.23	9.08	3.07	6.12
13	8.61	2.77	5.80	8.85	2.90	5.80	9.04	3.10	6.14	8.86	2.78	5.78
14	8.76	3.18	6.13	8.21	2.47	5.56	8.97	3.15	6.12	9.18	2.21	5.64
15	8.79	3.40	6.26	8.28	2.58	5.64	8.75	3.06	5.86	9.13	3.37	6.01
16	8.18	3.14	5.89	7.99	2.39	5.44	8.79	3.27	5.87	8.83	3.24	5.89
17	7.77	3.01	5.39	8.57	2.84	5.55	8.65	3.45	5.88	8.74	3.05	5.71
18	8.08	3.55	5.75	8.22	3.05	5.78	8.53	3.43	5.77	8.74	2.76	5.56
19	8.11	3.72	5.84	8.91	3.74	6.04	8.55	3.59	5.84	8.86	4.12	6.43
20	8.23	3.81	5.93	8.91	3.84	6.26	8.40	3.58	5.82	9.37	3.99	6.81
21	8.00	3.29	5.45	8.49	3.86	6.18	8.74	3.61	6.20	9.35	3.67	6.81
22	8.04	3.37	5.69	9.05	3.98	6.39	8.69	2.88	6.00	10.09	4.14	7.29
23	8.64	3.67	6.23	8.86	3.65	6.33	9.38	3.41	6.52	10.20	3.27	7.09
24	9.25	2.81	6.54	8.85	2.98	6.08	9.58	3.05	6.65	9.93	2.45	6.47
25	9.57	2.71	6.29	8.95	2.58	5.98	9.57	2.64	6.49	9.90	2.25	6.18
26	9.71	2.35	6.23	9.11	2.18	6.09	10.33	2.00	6.47	9.99	2.42	6.15
27	8.95	1.35	5.28	9.35	2.01	6.14	10.18	2.59	6.48	10.13	2.69	6.32
28	9.34	1.09	5.59	10.28	2.33	6.73	9.59	2.14	6.04	10.35	3.21	6.62
29	---	---	---	10.38	2.75	6.68	9.33	2.02	5.58	10.10	4.06	6.94
30	---	---	---	10.12	2.50	6.45	9.58	2.68	6.12	9.67	3.99	6.68
31	---	---	---	9.82	2.78	6.33	---	---	---	9.51	3.97	6.59
MONTH	9.71	1.09	5.87	10.38	1.60	5.93	10.33	2.00	6.18	10.35	2.21	6.23
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	9.02	3.92	6.41	8.30	3.58	6.04	8.81	4.49	6.74	8.99	4.68	6.83
2	8.74	3.89	6.40	8.15	3.73	6.09	9.34	4.63	7.00	9.66	4.80	7.14
3	8.81	4.10	6.82	8.13	3.66	6.01	9.41	4.71	7.08	9.89	4.61	7.32
4	9.01	4.54	6.93	8.45	3.67	6.15	9.44	4.53	7.05	9.75	3.66	6.86
5	8.85	4.08	6.69	8.59	3.51	6.16	10.06	4.30	7.16	9.71	2.79	6.48
6	8.77	3.90	6.52	9.03	3.65	6.42	10.31	4.19	7.35	10.40	2.98	6.73
7	9.07	3.64	6.49	9.46	4.04	6.71	10.93	4.34	7.69	10.27	3.08	6.85
8	9.73	4.37	7.18	---	---	---	10.85	3.98	7.45	9.99	2.88	6.69
9	10.11	4.21	7.12	---	---	---	10.71	3.59	7.24	10.05	3.02	6.70
10	9.93	3.77	6.86	---	---	---	10.35	3.27	6.92	10.15	3.47	6.87
11	9.78	3.35	6.54	---	---	---	9.99	3.11	6.64	9.80	3.47	6.67
12	9.73	3.35	6.45	---	---	---	9.49	3.17	6.43	10.22	3.63	6.96
13	9.65	3.36	6.35	---	---	---	9.33	3.10	6.35	9.45	4.01	6.65
14	9.55	3.41	6.36	---	---	---	9.36	3.24	6.36	9.03	3.86	6.39
15	9.61	3.57	6.43	---	---	---	9.14	3.18	6.23	8.88	3.86	6.31
16	9.61	3.78	6.68	9.01	3.18	6.18	8.96	3.23	6.10	8.57	3.47	6.08
17	9.56	3.89	6.70	9.05	3.13	6.21	8.87	3.07	5.97	9.13	3.59	6.34
18	9.34	3.73	6.60	9.38	3.36	6.43	8.99	3.06	5.95	9.31	3.98	6.71
19	9.61	3.42	6.66	9.29	2.97	6.23	9.25	3.13	6.11	9.46	3.99	6.83
20	9.70	3.32	6.63	9.43	2.79	6.11	9.08	3.30	6.25	9.44	4.07	6.89
21	9.94	3.43	6.78	9.66	3.00	6.34	9.26	3.12	6.21	9.40	4.21	6.92
22	10.01	3.13	6.79	9.53	3.14	6.37	9.36	3.41	6.36	9.35	4.13	6.99
23	9.62	2.71	6.27	9.22	2.60	6.03	8.90	3.37	6.18	9.28	4.13	6.83
24	9.60	2.61	6.07	9.01	2.59	5.85	8.89	3.07	6.13	9.27	4.00	6.89
25	9.39	2.65	5.97	9.01	2.80	5.76	8.99	2.85	6.25	9.58	4.70	7.25
26	9.05	2.82	5.83	8.94	2.98	5.80	8.94	3.93	6.55	9.37	4.75	7.09
27	8.62	2.88	5.58	8.47	3.28	5.95	8.50	3.77	6.33	9.05	4.89	6.93
28	8.09	2.63	5.33	8.27	3.16	5.83	8.57	3.84	6.40	9.02	4.53	6.72
29	8.06	2.75	5.41	8.10	3.09	5.75	8.70	4.03	6.36	9.26	4.95	7.03
30	8.19	3.08	5.75	8.09	3.31	5.87	8.86	3.94	6.65	9.63	5.10	7.31
31	---	---	---	8.42	3.62	6.20	8.92	4.47	6.70	---	---	---
MONTH	10.11	2.61	6.42	---	---	---	10.93	2.85	6.59	10.40	2.79	6.81

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 good except for July 5 to July 15, which are fair, Dec. 14 to Mar. 29, July 15 to Sep. 30, which are excellent. Temperature records rated excellent except for Jan. 10 to Feb. 1, which are good. Dissolved oxygen rated poor except for Dec. 14 to Mar. 15, which are excellent, Mar. 15 to Apr. 11, May 24 to July 29, which are good. 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, 52,700 microsiemens, Nov. 15; minimum, 27,900 microsiemens, Sep. 28.

WATER TEMPERATURE: Maximum, 31.1°C, July 21; minimum, 8.7°C, Jan. 9.

DISSOLVED OXYGEN: Maximum, 11.0 mg/L, Jan. 19; minimum, 4.5 mg/L, Aug. 30.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	48000	40300	43900	48400	40200	44100	48200	38600	42600	48500	36200	42000
2	49100	40500	44000	48800	40100	44000	49000	37900	42500	49000	36400	42000
3	48000	40300	43900	48200	39100	43300	49600	37700	43000	49000	37700	42500
4	46300	37800	42400	48300	38200	43300	49300	38100	43100	46100	34800	40300
5	45900	37600	41500	49100	37400	44100	49100	36200	42400	45500	34900	40400
6	45300	35600	40900	49100	38400	44200	47300	36100	41500	44400	32000	39100
7	45500	35900	41100	47600	37700	43100	46100	34300	40800	42400	32300	38100
8	45700	35000	41800	47300	35500	42200	46200	36500	41500	43200	32200	38800
9	45800	36600	42400	47500	35600	42000	45800	38000	41800	43900	32600	38600
10	47500	36400	42900	46900	38500	42800	50100	38500	43600	43600	32600	39100
11	46800	37600	42600	47100	39500	43000	47900	38100	42100	---	---	---
12	47100	38600	42600	49800	39800	44700	47000	34900	41700	---	---	---
13	48900	39600	43200	51700	40100	45400	48800	37400	41900	45200	36400	41100
14	48400	39300	43500	51500	40000	45100	---	---	---	47000	36100	41700
15	48700	38200	43100	52700	39200	45100	---	---	---	46500	34200	40700
16	49600	38300	43700	51600	38900	44300	---	---	---	46200	35000	41100
17	49800	38600	43400	49600	37300	43600	---	---	---	46300	34800	41100
18	50100	37800	43600	48300	36900	42700	---	---	---	45100	35200	40700
19	51200	39400	44200	47300	37200	42400	---	---	---	44500	36800	41100
20	47900	36400	42600	47100	35400	41800	---	---	---	45600	36000	41000
21	47900	34000	42100	46300	37200	42500	---	---	---	46500	36800	41800
22	47800	34300	41700	45500	35400	41900	44100	34900	40500	45500	37700	42200
23	46800	33900	41700	45800	34500	41000	44600	36300	40500	46500	36300	41500
24	46100	34900	41500	44800	34000	40000	43500	36900	40200	46900	36200	42200
25	46000	34200	40600	46500	34900	41100	45200	38200	42600	46200	36200	42000
26	45800	36300	40700	44900	37700	41600	46000	39600	42700	48500	35500	43200
27	46400	36900	42400	46000	38600	42100	45300	39000	42100	48100	37900	43300
28	46500	39400	42800	45900	38200	42100	46300	39400	42300	50300	39200	43400
29	47600	41300	43800	46400	38100	42300	47000	38200	41900	49700	39000	43600
30	47000	40700	44000	48000	38900	42500	48100	37200	42200	50700	38000	43300
31	48500	40900	44000	---	---	---	46900	38000	41900	50400	38000	43200
MONTH	51200	33900	42700	52700	34000	42900	---	---	---	---	---	---

## 021720709 COOPER RIVER AT U.S. HIGHWAY 17 AT CHARLESTON, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	49100	37100	42500	50000	37000	42300	47800	34600	40100	47600	34400	39600
2	47600	35500	42200	49400	37600	42700	47000	34000	40200	45200	32200	38200
3	48400	38000	43000	47000	33500	39800	45400	32000	38400	41400	29800	36700
4	46500	36700	41200	45000	30000	37300	42200	32500	37700	43500	32700	39200
5	44600	33000	40800	42800	29500	36800	44600	34600	39700	44900	33600	40200
6	46800	37400	42200	43500	30000	37200	44400	35200	40100	44800	37800	41300
7	46800	35100	40900	42300	30600	37200	43300	35300	39600	43700	36700	40900
8	44500	35100	40900	42500	31900	38100	42900	35900	39400	43500	36900	40300
9	45200	36400	41100	43800	31900	38600	42400	35600	38800	43700	35900	39800
10	46400	36200	41400	43300	34400	39200	42500	34300	38500	43300	35300	39400
11	45000	36500	40400	45100	35800	40800	44600	35900	40000	46500	34000	39800
12	45600	37000	41300	45400	38500	41600	45300	36700	40700	46100	35400	40500
13	45200	36700	41100	44800	37800	40900	45400	35900	40700	44600	35100	39300
14	46100	35800	41300	44000	34600	39700	45000	36800	40700	45900	32900	38800
15	45700	37700	41400	44400	35500	39900	45500	35500	39800	44200	32400	39400
16	44400	35000	40300	43100	34900	39100	45000	33200	39300	44900	33500	39000
17	44500	34600	39400	44400	34800	39200	45000	32400	39100	44900	33200	38600
18	43800	35200	40000	43500	33800	39700	44600	32200	38800	43400	31900	37800
19	44700	35200	40400	43800	36700	40300	43100	32800	38600	44800	34400	40000
20	44700	35100	40400	44200	35600	40500	43200	31500	38000	45200	38000	41300
21	43600	33500	39100	44200	36200	40600	43900	34000	39500	44700	38000	41100
22	44900	31600	39700	45200	34400	40500	43600	35300	39300	47700	37800	41800
23	45600	34900	41400	44400	33300	40000	45600	35700	40900	46400	36200	41500
24	46200	35200	42300	44600	34700	40000	48000	37400	42300	49000	36200	41100
25	47500	39200	42800	45000	35400	40100	47000	37500	41700	49000	36600	41800
26	49600	39500	43500	45100	34800	40300	50300	37100	42600	50000	34400	41500
27	46600	37500	42200	47600	36000	41200	50400	37000	43200	48800	36800	41600
28	49200	36000	42100	50200	36400	43000	48400	36700	42000	49600	36800	41900
29	---	---	---	50200	37300	43400	47800	32800	40200	48700	37500	42200
30	---	---	---	49600	37500	42700	47300	34800	40900	48700	34900	41300
31	---	---	---	48300	35800	41800	---	---	---	45800	35800	41000
MONTH	49600	31600	41300	50200	29500	40100	50400	31500	40000	50000	29800	40200
DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	46600	33400	40300	42800	32200	38100	43900	34700	40100	43800	31400	38700
2	44200	33600	39500	43600	33200	38100	46600	35400	41400	46200	34800	40700
3	46100	33800	40900	44200	31700	38400	46800	37700	42300	46400	38100	41500
4	45300	36200	41600	45300	33900	39500	46900	38100	42900	45100	37100	40800
5	45500	36800	41300	43500	33000	39700	48200	38900	43000	45800	35500	40200
6	44600	36400	40600	44800	33700	40000	49400	39900	43900	48100	35400	40700
7	44000	34500	40000	46300	35000	40800	50800	40200	44600	48200	36800	41600
8	46900	34100	40500	---	---	---	51300	40300	45000	46800	35000	40900
9	48400	38300	42000	---	---	---	51600	40300	45100	46700	35500	40700
10	48900	37500	42600	---	---	---	50500	39500	44700	46900	36400	41000
11	48800	40000	43600	---	---	---	51100	33200	42200	46000	35200	40000
12	49300	38600	43300	---	---	---	49800	38700	43100	46200	32300	39700
13	49100	37000	42300	---	---	---	48300	38000	42500	45100	31500	39000
14	47500	36700	41700	---	---	---	47200	37100	41600	43200	32600	37900
15	47300	36400	41500	---	---	---	46200	35300	40300	41900	31200	36900
16	48100	38900	42700	44300	34000	39100	45700	32300	39600	40500	29500	36200
17	47600	38900	43000	43900	32400	38700	44500	31200	38700	43100	31600	37200
18	47100	37800	42600	44100	32000	38400	45100	32000	38700	43800	34200	38400
19	48200	36700	42200	45300	31600	38100	46900	33600	39500	44100	35600	39200
20	47200	36900	41500	46500	33000	38900	45700	34600	40200	43500	36000	39300
21	47300	35200	41200	47500	34100	39900	45400	35600	40300	43000	35000	39200
22	47000	35200	40800	45300	35100	40200	46000	35000	40200	43900	35800	39400
23	47200	32700	39200	45200	35200	39900	44900	34900	39600	43700	35400	39200
24	47400	32300	38800	44600	34600	39300	44600	35600	39700	43300	35000	38900
25	46500	31500	38300	45500	33900	39000	45000	34800	39700	45000	34300	39700
26	44700	31700	37700	44900	33800	38900	44600	36600	40200	42200	33200	37600
27	43400	28700	36100	44400	33300	38400	42400	35200	39300	39300	31200	35000
28	41000	28200	35200	42700	31400	37800	43900	33300	39400	39800	27900	34300
29	41100	29300	35700	42400	29400	37200	43900	32200	38700	43000	28700	36600
30	42200	29900	36800	43900	31900	37800	41500	31000	37700	43800	30200	38600
31	---	---	---	43900	32300	38800	41700	30100	37100	---	---	---
MONTH	49300	28200	40400	---	---	---	51600	30100	41000	48200	27900	39000

## COOPER RIVER BASIN

021720709 COOPER RIVER AT U.S. HIGHWAY 17 AT CHARLESTON, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	23.1	22.0	22.6	18.5	17.5	18.1	19.0	18.6	18.8	12.6	12.0	12.3
2	22.7	21.8	22.3	18.9	18.1	18.5	19.0	18.7	18.9	12.1	10.8	11.6
3	22.7	21.9	22.3	19.2	18.6	18.9	19.0	18.5	18.7	11.1	9.9	10.6
4	22.9	22.2	22.5	19.3	19.0	19.1	18.6	18.1	18.4	10.2	9.2	9.8
5	23.0	22.5	22.7	19.2	18.6	19.0	18.5	18.1	18.3	9.7	9.0	9.4
6	23.2	22.8	23.0	18.7	17.8	18.4	18.5	18.2	18.3	9.8	9.2	9.5
7	23.1	22.3	22.7	18.3	17.7	18.0	18.7	18.3	18.5	9.7	9.3	9.5
8	22.6	21.7	22.2	18.2	17.7	17.9	18.9	18.5	18.7	9.5	8.9	9.2
9	21.8	21.1	21.5	18.1	17.7	17.9	19.2	18.8	18.9	9.4	8.7	9.1
10	21.5	20.7	21.2	18.1	17.7	17.9	18.9	18.4	18.6	9.5	8.8	9.1
11	21.5	21.0	21.3	18.2	17.7	17.9	18.4	18.0	18.2	---	---	---
12	21.8	21.2	21.4	17.9	17.5	17.8	18.1	17.8	17.9	---	---	---
13	22.1	21.4	21.7	17.5	16.9	17.2	18.1	17.7	17.9	10.0	9.5	9.8
14	22.2	21.8	22.0	17.1	16.4	16.8	---	---	---	10.1	9.7	9.9
15	22.2	21.9	22.0	16.8	16.2	16.6	---	---	---	10.4	9.8	10.0
16	22.2	21.7	22.0	16.8	16.1	16.5	---	---	---	10.5	9.9	10.2
17	21.9	21.0	21.3	16.9	16.3	16.6	---	---	---	10.7	10.1	10.4
18	21.2	20.2	20.7	16.9	16.4	16.6	---	---	---	10.8	10.2	10.5
19	20.6	19.6	20.3	17.1	16.6	16.8	---	---	---	11.6	10.6	11.0
20	20.8	20.1	20.5	17.2	16.8	17.0	---	---	---	11.6	11.2	11.4
21	21.2	20.5	20.8	17.0	16.5	16.8	---	---	---	11.7	11.3	11.5
22	21.4	20.9	21.2	16.9	16.3	16.6	17.0	16.0	16.5	11.7	11.3	11.6
23	21.8	21.2	21.5	16.7	16.3	16.5	16.5	15.9	16.2	12.8	11.5	11.9
24	22.4	21.6	21.9	17.3	16.4	16.7	16.4	16.1	16.2	13.0	12.0	12.4
25	22.7	22.0	22.2	17.5	16.7	17.1	16.1	15.5	15.7	13.0	12.5	12.7
26	22.1	21.2	21.7	18.1	17.1	17.4	15.6	14.8	15.2	12.7	12.4	12.6
27	21.4	20.3	20.8	18.1	17.4	17.7	14.9	14.1	14.3	12.9	12.3	12.6
28	20.7	18.9	19.6	18.3	17.6	17.9	14.1	13.3	13.7	13.3	12.6	12.9
29	19.5	18.0	18.7	18.6	17.9	18.2	13.8	12.8	13.4	13.6	12.9	13.2
30	18.7	17.7	18.3	18.8	18.2	18.5	13.4	12.6	13.0	14.0	13.2	13.6
31	18.3	17.5	18.0	---	---	---	12.9	12.3	12.6	14.4	13.6	14.0
MONTH	23.2	17.5	21.3	19.3	16.1	17.6	---	---	---	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	15.1	14.2	14.6	12.3	11.6	12.0	20.4	19.6	19.9	23.6	22.6	23.1
2	15.1	14.7	14.9	12.4	11.7	12.0	20.7	19.6	20.1	24.3	23.1	23.5
3	14.7	14.2	14.5	13.0	12.2	12.6	21.3	20.0	20.6	24.4	23.5	23.8
4	14.3	13.5	14.1	12.8	12.0	12.6	20.8	20.1	20.5	24.2	23.8	24.0
5	13.7	12.6	13.0	12.4	11.7	12.1	20.1	19.5	19.8	24.0	23.4	23.7
6	12.9	12.0	12.4	12.7	11.6	12.1	19.9	19.2	19.5	24.4	23.2	23.7
7	12.7	11.9	12.4	13.0	12.0	12.4	19.5	18.4	19.1	24.3	23.5	23.9
8	12.7	11.9	12.4	13.5	12.4	12.9	19.8	18.4	19.0	25.1	23.8	24.3
9	12.8	12.1	12.5	14.4	13.1	13.5	20.0	18.9	19.4	25.3	24.3	24.6
10	13.3	12.5	12.8	14.5	13.7	14.1	19.7	19.5	19.6	25.8	24.6	25.1
11	13.3	12.9	13.1	14.4	13.6	14.0	19.8	19.4	19.6	26.0	25.0	25.5
12	13.3	12.8	13.1	14.3	14.0	14.1	20.1	19.4	19.7	26.4	25.5	25.8
13	13.1	12.8	13.0	14.8	14.2	14.5	20.5	19.7	20.0	26.4	25.7	26.0
14	13.1	12.6	12.8	15.5	14.5	14.9	21.0	20.1	20.4	26.1	25.5	25.8
15	12.8	12.4	12.7	16.0	15.0	15.4	21.5	20.6	20.9	25.7	25.1	25.4
16	13.2	12.5	12.7	16.5	15.5	15.9	22.3	21.1	21.5	25.8	25.0	25.3
17	13.0	12.5	12.7	16.9	16.1	16.4	22.7	21.6	22.0	25.8	25.0	25.3
18	12.8	12.0	12.4	17.5	16.6	16.9	23.3	22.1	22.4	25.6	25.0	25.4
19	12.8	12.1	12.4	17.6	17.1	17.3	23.4	22.2	22.7	25.0	23.4	24.3
20	13.4	12.3	12.8	18.6	17.4	17.8	23.7	22.4	22.9	23.4	22.6	23.0
21	13.8	12.7	13.3	18.2	17.9	18.1	23.8	22.6	23.1	23.1	22.0	22.5
22	13.6	13.2	13.4	18.0	17.5	17.7	24.1	23.0	23.4	22.6	21.0	21.8
23	13.5	13.1	13.3	17.7	16.9	17.3	23.6	22.8	23.2	22.2	20.8	21.5
24	13.3	12.7	13.0	18.0	16.8	17.3	23.5	22.7	23.2	22.3	21.1	21.8
25	13.4	12.6	13.0	18.2	17.2	17.6	23.7	22.8	23.3	22.9	21.8	22.3
26	13.6	13.0	13.2	18.8	17.7	18.0	23.5	22.7	23.1	23.5	22.4	22.9
27	13.4	12.4	13.1	19.0	18.2	18.6	23.1	22.2	22.8	23.8	23.0	23.3
28	12.7	11.7	12.2	18.9	18.2	18.6	23.4	22.4	22.9	24.2	23.4	23.7
29	---	---	---	19.2	18.0	18.7	23.8	22.9	23.3	24.6	23.8	24.1
30	---	---	---	19.6	18.8	19.2	23.4	22.7	23.1	24.9	24.2	24.5
31	---	---	---	20.2	19.2	19.6	---	---	---	25.4	24.5	24.9
MONTH	15.1	11.7	13.1	20.2	11.6	15.6	24.1	18.4	21.4	26.4	20.8	24.0

## COOPER RIVER BASIN

417

021720709 COOPER RIVER AT U.S. HIGHWAY 17 AT CHARLESTON, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	26.2	25.0	25.4	28.2	27.6	27.8	30.2	29.8	30.0	27.6	27.1	27.3
2	26.5	25.5	25.9	28.7	27.8	28.1	30.0	29.7	29.9	27.4	27.0	27.2
3	26.9	26.0	26.3	28.8	28.1	28.3	29.9	29.5	29.7	27.6	26.9	27.3
4	27.1	26.3	26.5	29.0	28.3	28.6	29.8	29.3	29.5	28.0	27.1	27.6
5	27.4	26.5	26.8	29.2	28.6	28.8	29.6	29.0	29.3	28.5	27.6	27.9
6	27.5	26.8	27.1	29.4	28.5	28.9	29.9	28.9	29.3	28.5	28.1	28.2
7	27.2	27.0	27.1	29.2	28.7	29.0	29.4	28.4	29.0	28.3	27.9	28.1
8	27.1	26.5	26.8	---	---	---	28.9	27.5	28.4	28.2	27.6	27.9
9	26.9	26.1	26.5	---	---	---	28.3	27.0	27.9	27.9	27.4	27.7
10	26.8	26.0	26.4	---	---	---	28.1	26.8	27.6	27.8	27.0	27.4
11	27.1	26.2	26.6	---	---	---	28.2	27.0	27.6	28.0	27.2	27.5
12	27.5	26.6	26.9	---	---	---	28.4	27.4	27.8	27.9	27.5	27.6
13	28.0	27.0	27.3	---	---	---	28.1	27.5	27.8	28.1	27.4	27.7
14	28.1	27.4	27.6	---	---	---	28.2	27.5	27.8	28.1	27.7	27.9
15	28.2	27.4	27.8	---	---	---	28.5	27.8	28.1	28.0	27.7	27.8
16	28.0	27.6	27.8	29.6	29.0	29.3	28.9	28.1	28.4	28.1	27.6	27.8
17	27.9	27.5	27.7	30.1	29.4	29.7	29.1	28.5	28.7	28.3	27.7	27.9
18	27.7	27.5	27.6	30.6	29.8	30.1	29.1	28.6	28.8	28.3	27.7	28.0
19	27.6	27.1	27.4	31.0	30.0	30.3	29.3	28.6	28.9	28.2	27.8	28.0
20	27.4	26.9	27.1	31.0	30.2	30.5	29.3	28.6	28.9	28.2	27.7	27.9
21	27.1	26.4	26.8	31.1	30.3	30.6	29.6	28.8	29.1	28.2	27.6	27.9
22	26.7	25.7	26.2	30.6	30.1	30.4	29.7	28.9	29.2	28.1	27.7	27.9
23	26.4	25.8	26.0	30.2	29.4	29.9	29.9	29.0	29.4	28.1	27.7	28.0
24	26.8	25.9	26.2	29.7	29.1	29.5	30.1	29.2	29.5	28.1	27.4	27.8
25	26.9	26.2	26.4	30.1	29.0	29.4	29.8	29.2	29.5	27.7	27.0	27.4
26	27.2	26.3	26.6	30.1	29.2	29.5	29.5	29.1	29.4	27.4	26.8	27.1
27	27.6	26.7	27.0	30.1	29.3	29.6	29.3	28.9	29.1	27.5	27.1	27.2
28	27.7	27.0	27.3	30.4	29.4	29.8	29.1	28.5	28.9	27.7	27.1	27.4
29	27.9	27.2	27.5	30.5	29.6	30.0	28.8	28.2	28.6	27.6	27.4	27.5
30	27.9	27.4	27.6	30.6	29.6	30.1	28.5	27.6	28.1	27.5	27.1	27.3
31	---	---	---	30.4	29.6	30.1	28.0	27.4	27.7	---	---	---
MONTH	28.2	25.0	26.9	---	---	---	30.2	26.8	28.8	28.5	26.8	27.7



## 021720709 COOPER RIVER AT U.S. HIGHWAY 17 AT CHARLESTON, SC--Continued

## OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.6	6.7	7.2	7.8	7.3	7.5	7.8	7.3	7.6	9.6	9.0	9.3
2	7.8	6.9	7.3	7.7	7.1	7.3	7.6	7.1	7.3	9.8	9.1	9.4
3	7.8	7.0	7.3	7.5	6.9	7.2	7.6	7.1	7.4	10.0	9.3	9.7
4	7.8	6.8	7.3	7.3	6.8	7.1	7.8	7.1	7.5	10.2	9.5	9.9
5	7.6	7.0	7.2	7.5	6.9	7.2	7.9	7.3	7.6	10.4	9.7	10.0
6	7.4	6.8	7.1	---	---	---	7.8	7.3	7.6	10.4	9.8	10.1
7	7.6	6.9	7.3	---	---	---	8.0	7.1	7.6	10.4	9.8	10.1
8	7.9	7.1	7.4	---	---	---	8.0	7.1	7.4	10.5	9.9	10.2
9	8.2	7.3	7.7	---	---	---	7.6	7.0	7.2	10.7	9.9	10.3
10	8.1	7.4	7.7	---	---	---	7.9	7.1	7.5	10.8	9.9	10.4
11	8.0	7.2	7.6	---	---	---	7.9	7.3	7.6	---	---	---
12	7.9	7.0	7.4	---	---	---	7.9	7.2	7.5	---	---	---
13	7.8	6.9	7.3	---	---	---	7.8	7.1	7.4	10.6	10.2	10.4
14	7.4	6.7	7.1	---	---	---	---	---	---	10.4	10.2	10.3
15	7.4	6.6	7.0	---	---	---	---	---	---	10.4	10.0	10.3
16	7.3	6.4	6.8	---	---	---	---	---	---	10.6	10.1	10.3
17	7.3	6.2	6.8	8.7	8.1	8.4	---	---	---	10.8	10.2	10.5
18	7.8	6.2	7.0	8.8	8.2	8.5	---	---	---	10.9	10.3	10.6
19	7.7	6.7	7.2	8.9	8.3	8.6	---	---	---	11.0	10.4	10.7
20	7.5	6.8	7.1	8.9	8.5	8.7	---	---	---	10.8	10.3	10.5
21	7.5	6.8	7.1	9.2	8.6	8.8	---	---	---	10.6	10.2	10.4
22	7.5	6.7	7.1	9.2	8.6	8.9	8.9	8.1	8.5	10.7	10.1	10.3
23	7.5	6.7	7.1	9.0	8.4	8.8	8.8	8.3	8.6	10.4	9.9	10.2
24	7.3	6.7	7.0	8.8	7.9	8.4	8.8	8.3	8.6	10.2	9.8	10.0
25	7.2	6.4	6.8	8.3	7.3	7.9	9.0	8.4	8.6	10.0	9.5	9.7
26	7.2	6.2	6.6	8.1	7.3	7.7	9.0	8.3	8.7	9.8	9.3	9.5
27	6.9	6.0	6.4	8.1	7.2	7.6	9.1	8.5	8.8	9.6	9.2	9.4
28	7.5	6.2	6.7	8.2	7.1	7.6	9.4	8.7	9.0	9.4	8.9	9.2
29	7.9	6.4	7.0	8.4	7.2	7.7	9.5	8.7	9.1	9.3	8.8	9.0
30	7.9	6.7	7.3	7.9	7.6	7.8	9.5	8.9	9.2	9.3	8.7	8.9
31	8.3	7.1	7.6	---	---	---	9.5	8.9	9.2	9.2	8.5	8.9
MONTH	8.3	6.0	7.1	---	---	---	---	---	---	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	9.4	8.5	8.9	9.9	9.4	9.7	8.0	7.2	7.6	7.6	6.2	6.8
2	9.2	8.4	8.9	10.0	9.5	9.7	8.0	7.2	7.6	7.1	5.6	6.4
3	9.3	8.6	9.0	9.8	9.3	9.5	8.0	7.0	7.6	6.9	5.4	6.2
4	9.4	8.7	9.0	9.7	9.2	9.5	7.9	7.0	7.5	6.6	5.7	6.3
5	9.7	9.0	9.3	10.0	9.3	9.6	8.1	7.0	7.6	7.0	6.0	6.5
6	9.7	9.2	9.4	10.1	9.5	9.8	8.3	7.0	7.6	7.3	5.5	6.5
7	9.6	9.1	9.4	10.3	9.6	9.9	8.3	6.9	7.6	7.6	6.1	6.7
8	9.8	9.1	9.5	10.5	9.8	10.0	8.4	7.0	7.6	7.8	6.6	7.1
9	9.7	9.1	9.4	10.3	9.7	9.9	8.5	7.1	7.7	8.1	6.6	7.3
10	9.8	9.0	9.4	9.9	9.6	9.7	7.9	7.0	7.5	8.4	6.9	7.5
11	9.5	9.0	9.2	9.8	9.2	9.5	8.0	6.8	7.4	8.2	6.8	7.4
12	9.5	9.0	9.2	9.7	9.0	9.3	7.8	6.7	7.3	8.0	6.6	7.2
13	9.4	8.9	9.1	9.4	8.7	9.0	7.8	6.6	7.2	8.1	6.3	7.2
14	9.8	8.8	9.3	9.2	8.4	8.8	7.8	6.5	7.1	7.8	6.3	7.0
15	9.6	9.3	9.4	9.4	8.3	8.9	7.7	6.5	7.2	7.8	5.8	6.8
16	9.7	9.2	9.4	9.3	8.7	9.0	---	---	---	7.8	5.7	6.8
17	9.6	9.2	9.5	9.3	8.6	9.0	---	---	---	7.8	6.4	7.1
18	10.0	9.3	9.6	9.3	8.6	9.0	---	---	---	7.6	6.6	7.0
19	10.2	9.3	9.8	9.2	8.5	8.8	---	---	---	7.5	6.5	6.9
20	10.2	9.5	9.8	9.0	8.4	8.7	---	---	---	7.8	6.6	7.1
21	10.2	9.5	9.8	8.7	8.0	8.3	---	---	---	8.0	6.2	7.1
22	9.9	9.3	9.7	8.5	7.9	8.2	---	---	---	8.7	6.4	7.4
23	9.7	9.1	9.4	8.9	7.9	8.3	---	---	---	8.8	6.6	7.6
24	9.8	9.1	9.4	8.9	8.0	8.3	---	---	---	8.5	6.6	7.6
25	9.8	9.1	9.4	8.8	7.7	8.2	---	---	---	8.6	7.2	7.8
26	10.1	9.0	9.4	8.6	7.7	8.1	---	---	---	8.6	7.0	7.7
27	9.8	9.3	9.6	8.4	7.6	7.9	7.7	6.6	7.1	8.5	7.1	7.7
28	9.9	9.3	9.6	8.3	7.5	7.8	7.7	6.4	6.9	8.5	7.0	7.7
29	---	---	---	8.6	7.2	8.0	7.7	6.4	7.0	8.3	7.1	7.8
30	---	---	---	8.4	7.7	8.0	7.6	6.5	7.0	8.3	6.6	7.2
31	---	---	---	8.4	7.3	7.8	---	---	---	7.8	6.2	6.9
MONTH	10.2	8.4	9.4	10.5	7.2	8.9	---	---	---	8.8	5.4	7.1

021720709 COOPER RIVER AT U.S. HIGHWAY 17 AT CHARLESTON, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

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

## 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 fair. Specific conductance (Bottom) records rated fair except for Feb. 11 to Apr. 30, and Aug. 23 to Sep. 30, which are good. Temperature records rated good except for Nov. 1 to Nov. 8, which are fair, and Aug. 2 to Sep. 30, which are poor.

## 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, 57,600 microsiemens, Nov. 6; minimum, 21,600 microsiemens, July 26.

SPECIFIC CONDUCTANCE (Bottom): Maximum, 58,800 microsiemens, Dec. 5; minimum, 28,000 microsiemens, July 28.

WATER TEMPERATURE (Top): Maximum, 30.1°C, July 17; minimum, 9.0°C, Jan. 9.

## SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	47900	39400	43000	50600	38000	43700	57400	43300	49000	53600	39600	45200
2	47800	38000	43100	52100	41400	46500	56900	40600	48800	54100	37200	44500
3	47800	38100	43000	52500	35300	43800	56900	41000	48400	53500	38700	45200
4	47600	36000	41800	49400	30900	39400	56600	42100	47800	50800	36500	42600
5	47600	37300	41100	54400	41200	47900	55300	41100	46000	48800	36800	42200
6	46700	36100	39900	57600	43200	50300	53800	40400	45100	48600	34700	41100
7	44700	32100	38400	55000	39600	48500	51700	36500	44100	45300	35200	40300
8	45400	32600	38300	51100	35700	45100	52100	39000	44900	47000	35000	40000
9	43500	33800	38500	52300	36200	43000	53800	40400	45700	47600	33200	39700
10	44300	34900	38700	52200	36300	43600	56800	42800	48400	44900	32800	38700
11	45300	34600	39400	52200	36400	43100	55200	37200	44100	46900	34800	40200
12	44800	34900	39300	49700	36100	42600	51000	36400	43600	48400	34100	41800
13	47100	35500	41100	56500	37400	44300	52500	38000	44400	46500	35600	40000
14	46800	37400	41600	50800	37000	43100	52000	38000	43900	46900	35100	40200
15	47300	36100	41200	50500	35900	43300	50900	36700	42700	46400	34500	40100
16	51600	34900	43600	56400	34600	43000	51800	36500	43000	48200	36400	40600
17	52500	39200	45800	57300	33400	41200	51200	38400	43300	47800	37100	40800
18	53700	37300	44400	53200	34100	41500	48700	38500	42700	47000	35600	40000
19	53000	38300	44400	51500	35500	41200	48500	37900	42500	48500	35600	40900
20	52400	37300	43900	52800	37400	45000	46900	36000	40800	44800	35200	40000
21	53300	36800	43300	53000	37500	44200	46100	35200	40500	47100	37500	41700
22	51800	38600	44100	54700	33100	42600	48300	34300	40000	47100	37600	41100
23	51000	38900	44300	50900	35600	43800	46300	37700	41000	49800	37600	42400
24	51000	38400	43800	51300	36000	42800	46800	39000	41700	49100	38900	42800
25	50600	39300	42700	54900	38600	45300	49000	40400	43600	47700	37400	42100
26	48100	38200	43200	55100	39900	46000	49600	35000	44800	51500	36200	43500
27	48000	36200	41600	55800	42100	48300	49700	35000	44600	52300	38800	44600
28	45600	35500	39500	55300	41700	48700	50700	41500	45500	52700	39500	45600
29	46200	33600	40600	55700	42700	49100	52200	40300	45200	53600	40100	46100
30	47400	35800	41200	56700	44100	49800	53100	39500	44900	53600	39200	45600
31	44400	36800	40900	---	---	---	53300	39400	45500	54100	33200	44900
MONTH	53700	32100	41800	57600	30900	44700	57400	34300	44400	54100	32800	42100

021720710 COOPER RIVER AT CUSTOMS HOUSE (AUX) AT CHARLESTON, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	50800	33300	41400	56600	38700	47600	50400	32100	40600	51500	34900	41200
2	52200	32800	42700	56300	39700	47500	49900	32400	39000	49700	36300	42400
3	52700	34100	44200	54300	37900	45400	48000	32100	38200	49600	33300	41300
4	49400	37800	43900	52300	34300	41700	44000	30200	35700	51000	30900	41400
5	48900	36800	42200	47500	33200	38800	48000	30900	37800	53400	37600	43600
6	49000	35200	41900	47700	32200	38500	47500	32900	38100	49100	37100	40700
7	50300	37900	42700	47900	34400	38700	44700	33000	37800	44800	36500	40300
8	47300	37900	42100	46300	34300	39500	46200	33400	38100	44600	36200	40300
9	49700	36500	41800	48900	36800	41000	43900	33700	38100	46000	36100	40300
10	50500	35500	42700	48600	37700	42100	44200	32200	37300	45600	32800	39300
11	48300	38100	42400	50800	38200	43700	45500	32700	38100	45400	32000	37900
12	51300	36300	42900	52900	40400	45200	45400	24900	36200	---	---	---
13	50200	37800	43200	51600	41200	45300	45700	33700	38500	---	---	---
14	51000	37600	42800	49900	36200	42700	46300	25000	36900	---	---	---
15	50500	38500	43000	49600	36500	42500	47000	34200	39000	---	---	---
16	49100	38800	43200	49000	38200	42200	48300	34600	39100	---	---	---
17	47200	37200	42000	50900	35500	40800	47300	34400	40200	---	---	---
18	48000	37100	41400	49300	35400	41600	47800	33100	39600	---	---	---
19	49700	37400	42200	48900	35200	40900	48500	34000	40100	---	---	---
20	48800	39700	43900	52200	39200	43300	49500	32600	39800	---	---	---
21	49400	36500	42600	50000	37800	41700	48700	33500	39700	---	---	---
22	49200	35300	42200	50900	36300	41800	47300	33300	39200	---	---	---
23	48500	38800	42100	49200	33000	40200	48900	33400	41100	---	---	---
24	53500	38700	45500	45000	33400	39000	50900	36100	43200	---	---	---
25	55500	41400	47900	46900	34100	39200	52800	37500	44200	---	---	---
26	56600	43100	49600	47700	34500	40700	54600	34500	43900	---	---	---
27	55500	42700	48600	50300	35300	42200	53400	34100	43800	---	---	---
28	56700	40100	48000	53300	35100	44300	49300	33000	41100	---	---	---
29	---	---	---	52700	37300	45300	49400	32200	39800	---	---	---
30	---	---	---	52900	38000	45000	53100	30700	39700	---	---	---
31	---	---	---	52100	36400	44000	---	---	---	---	---	---
MONTH	56700	32800	43500	56600	32200	42300	54600	24900	39500	---	---	---
DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	44900	33500	37900	41700	32800	36200	42000	33700	37000
2	---	---	---	44800	34200	38400	42000	32900	37100	45800	33700	38800
3	---	---	---	45500	35300	39100	44000	32500	38500	49000	36600	41600
4	---	---	---	46600	35600	40200	44500	36200	39400	47700	37700	41900
5	---	---	---	47500	36900	41300	45800	35300	39900	48700	36300	42100
6	---	---	---	48200	37300	41800	45700	35900	40800	50400	37400	43100
7	---	---	---	50700	35300	41900	47100	35800	41000	51300	37300	44000
8	---	---	---	48900	36200	42000	46200	35800	40700	50600	37200	43900
9	---	---	---	49000	37400	42600	44800	34200	39600	50100	37500	43300
10	---	---	---	49600	37000	42400	41100	29000	36200	---	---	---
11	---	---	---	51500	35400	41600	41600	29800	35300	---	---	---
12	---	---	---	51900	36800	43000	41000	30100	35300	---	---	---
13	---	---	---	50600	38100	43700	40500	29800	34500	---	---	---
14	---	---	---	49500	37600	42800	42100	30700	35600	---	---	---
15	---	---	---	47500	35800	41100	40800	29300	35200	---	---	---
16	---	---	---	46400	34100	39500	43800	31200	36000	---	---	---
17	---	---	---	45600	33900	39100	41900	30100	35100	---	---	---
18	---	---	---	46800	30800	40100	43000	29400	35900	---	---	---
19	---	---	---	46600	28900	38600	45000	31200	37100	---	---	---
20	---	---	---	46000	26400	36700	---	---	---	---	---	---
21	---	---	---	45000	28500	37400	---	---	---	46100	35800	40300
22	48600	34000	40600	37100	24600	30700	---	---	---	47000	36400	40700
23	47500	32200	39300	34700	23400	29200	---	---	---	46900	35000	41000
24	48400	31800	39200	32000	21900	27100	47500	36900	41800	46500	35900	40400
25	48700	33100	40300	38300	22800	29300	47400	36600	41200	46600	35500	39700
26	47100	33400	39300	32500	21600	25700	47700	37300	41200	43500	32900	37600
27	44400	31800	37500	35600	25400	29100	45900	34700	39700	42000	32100	36100
28	44200	31400	36200	40600	25600	31800	45300	33300	38700	42900	29300	35300
29	43300	32200	36100	41500	31400	35200	44200	33000	37800	42600	29900	35700
30	44800	31000	36400	41400	31200	35300	42400	31300	35800	44800	32100	37500
31	---	---	---	41700	31400	36000	44300	31100	35700	---	---	---
MONTH	---	---	---	51900	21600	37400	---	---	---	---	---	---

## COOPER RIVER BASIN

021720710 COOPER RIVER AT CUSTOMS HOUSE (AUX) AT CHARLESTON, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	50800	38400	45300	51400	41600	45700	54700	38800	45500	---	---	---
2	50900	41300	45400	51700	41100	46000	54900	38200	47200	---	---	---
3	50300	40900	45300	52200	39900	45900	56900	38400	46800	---	---	---
4	49500	39800	44600	51600	40400	45700	57400	39900	46900	---	---	---
5	48900	39500	43800	52900	42500	46500	58800	39100	48000	---	---	---
6	47900	39400	43100	51800	41200	46600	55900	37600	47400	---	---	---
7	49800	39000	43200	50200	41400	45600	55000	38100	46300	---	---	---
8	48300	38800	43000	47800	38500	43800	55400	39400	46700	---	---	---
9	49700	38600	43700	49300	35400	42700	---	---	---	---	---	---
10	49200	40200	43800	50500	36000	43500	---	---	---	---	---	---
11	48400	39000	42900	52400	37100	43600	---	---	---	---	---	---
12	48300	38300	43100	50500	36900	43400	---	---	---	---	---	---
13	49900	38900	44000	58100	37600	45700	---	---	---	---	---	---
14	50100	38900	44700	52100	38600	45200	---	---	---	---	---	---
15	50400	38000	44100	52700	39200	45700	---	---	---	---	---	---
16	51700	39100	45500	53300	39700	45900	---	---	---	---	---	---
17	52100	40100	46000	52100	40400	45100	---	---	---	---	---	---
18	52700	39000	44700	51600	40000	44600	---	---	---	---	---	---
19	52500	39800	45200	51200	39800	44800	---	---	---	---	---	---
20	49700	37000	42800	50100	38800	44400	---	---	---	---	---	---
21	48500	35000	41500	51600	39400	45300	---	---	---	---	---	---
22	48300	37400	42400	50300	37700	45200	43100	38100	40500	---	---	---
23	48700	37300	42800	49800	38100	44600	43700	37700	41600	---	---	---
24	47800	38400	42800	49500	38500	44600	43900	38300	40600	---	---	---
25	47200	37600	42400	49600	40500	44000	47600	41800	44500	---	---	---
26	48700	39200	43400	49700	41800	46100	47000	41700	44600	---	---	---
27	46700	41300	44000	50200	41700	46200	---	---	---	---	---	---
28	44100	40900	42600	51000	37700	46400	---	---	---	---	---	---
29	43100	39900	41100	51800	38700	47000	---	---	---	---	---	---
30	49000	40900	45200	53400	37900	47000	---	---	---	---	---	---
31	49900	41900	45600	---	---	---	---	---	---	---	---	---
MONTH	52700	35000	43800	58100	35400	45200	---	---	---	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	54700	38900	46900	53100	38700	44900	50400	36700	42400
2	---	---	---	54500	39500	46800	52600	36500	43300	49500	35900	41800
3	---	---	---	52300	38300	44800	50500	35600	42300	48000	34600	40400
4	---	---	---	50800	34400	41800	47700	34200	40300	49000	36000	42200
5	---	---	---	47200	33600	40100	50100	35100	42000	50500	38400	43500
6	---	---	---	48100	34800	40200	49800	36800	42100	50800	39800	44100
7	---	---	---	47900	35400	40400	48300	36500	41600	49000	40400	44000
8	---	---	---	46900	34700	40700	48400	36500	41600	48800	37500	43400
9	---	---	---	49000	36800	41600	46200	35800	41000	49100	37500	43400
10	---	---	---	48000	37700	42300	45400	33700	40200	48200	37700	41700
11	---	---	---	49800	39200	43900	45600	34300	39500	48300	33600	40400
12	50800	36700	43600	51200	40400	45100	47400	34700	40100	47800	36800	40600
13	49500	38600	43600	50500	40500	45000	47700	37300	41300	47900	36500	41000
14	50900	38100	43300	51500	37500	43400	47800	35900	41200	46400	36900	40500
15	50500	38300	43400	49200	38000	43100	47200	36600	40900	44200	36900	39900
16	48800	36400	43300	48100	38100	42400	47100	34300	40400	51200	36600	40800
17	46300	37300	42100	50200	35500	41300	45900	34500	40100	50300	37200	43400
18	48100	33800	41700	49000	37800	42100	46900	33600	39800	50500	36400	43200
19	47900	37600	42600	49500	37600	42400	46400	34700	40100	51300	39000	44000
20	48900	39600	43900	53300	40700	45200	47000	32900	40000	52900	41200	46500
21	50000	36900	42500	50800	38200	43900	47500	34600	41100	53000	40700	47800
22	48800	34000	42600	52000	39200	44400	47600	34200	41400	---	---	---
23	50300	38300	43500	51200	38600	44200	49500	37500	43300	---	---	---
24	51500	38700	45500	48600	39000	43400	51200	40000	45200	---	---	---
25	53700	42700	47300	50400	37600	43500	52300	39100	46100	---	---	---
26	54400	42800	48500	51700	39300	45200	53900	39100	46300	---	---	---
27	53300	42200	47400	53600	39800	46400	54200	39200	46400	---	---	---
28	55100	39700	47200	55800	40000	48100	53200	38400	45800	---	---	---
29	---	---	---	55600	42300	48800	51500	36700	43800	---	---	---
30	---	---	---	55400	42000	48500	51300	35900	42600	---	---	---
31	---	---	---	56800	38800	47400	---	---	---	---	---	---
MONTH	---	---	---	56800	33600	44000	54200	32900	42200	---	---	---

## 021720710 COOPER RIVER AT CUSTOMS HOUSE (AUX) AT CHARLESTON, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	---	---	---	50800	35000	43100	45500	35600	39800	47100	33000	40000
2	---	---	---	49900	38400	43900	46300	36600	40600	48500	35100	40900
3	---	---	---	51300	35600	44100	46700	34400	40600	49500	37400	42300
4	---	---	---	52700	35600	45400	46700	37100	41400	48300	37800	42100
5	49500	37500	43300	52500	40500	45900	48700	37600	42500	49800	36600	42400
6	50100	38800	44100	53200	42400	46800	48100	38600	42800	50800	36600	42800
7	50300	39200	43800	56500	38700	46800	50000	39000	43800	51300	36700	43600
8	54000	38400	45000	53500	40000	46900	50400	37000	42800	50100	37000	43500
9	54500	37100	45800	53100	41300	46700	50000	37600	43700	50300	36700	43500
10	49200	34400	43100	53100	40200	45800	46300	30700	39800	50500	37200	43000
11	51600	36100	40700	54100	37700	44300	44200	31500	37700	49100	35600	41400
12	53400	36100	42300	52900	37500	45200	44000	31800	37900	50000	34300	40700
13	47100	34700	40400	50000	37000	43900	43400	30400	37000	47300	34800	40300
14	45900	32900	39200	49500	36100	42100	44300	29100	37200	44400	33100	38400
15	48700	34400	40500	46900	35800	40700	44700	29700	36900	45000	33300	38000
16	49700	36200	43600	46300	34600	40000	43700	29200	36300	44500	31200	36400
17	51000	40400	44900	45900	35200	40100	44100	30100	36000	46400	31400	38100
18	50500	36800	43300	47700	31300	40300	43800	30500	36800	46600	32500	39500
19	49500	38200	43400	46100	29700	38800	45500	30400	38100	45200	31700	38700
20	51400	37900	43600	47800	29000	38600	45700	30900	38800	48100	32100	40800
21	51300	35000	42600	48600	32700	40700	47000	33300	39800	47700	35100	41600
22	48700	36200	41400	42500	28600	35600	48100	34500	40700	48100	37400	42200
23	47900	33200	40300	41900	28800	35400	---	---	---	47700	35500	41800
24	50600	31900	40500	41000	29700	34800	48200	35900	42500	47500	36300	41700
25	53000	33700	41200	46400	30400	37700	48200	37100	42100	48300	35700	40900
26	48100	30700	40400	40900	28900	34400	48400	37800	42300	45100	32500	38300
27	46500	32900	39300	41300	28700	33300	47400	37100	41500	42700	31700	36700
28	46400	33000	39000	43800	28000	34800	46700	33600	40400	44300	30100	36200
29	46800	33900	39200	43800	33100	37700	45600	32800	39500	45200	31800	37900
30	48800	35200	41200	43900	32000	37700	44400	33200	38400	45900	34100	39200
31	---	---	---	45400	33100	39000	46000	31700	38000	---	---	---
MONTH	---	---	---	56500	28000	41000	---	---	---	51300	30100	40400

## COOPER RIVER BASIN

021720710 COOPER RIVER AT CUSTOMS HOUSE (AUX) AT CHARLESTON, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	23.2	21.7	22.5	18.9	17.6	18.1	19.5	18.8	19.0	12.8	12.1	12.6
2	23.2	21.7	22.3	19.2	17.6	18.2	20.0	18.8	19.2	12.3	11.0	11.8
3	22.9	21.9	22.3	19.7	18.2	18.7	19.6	18.6	19.0	11.1	10.1	10.7
4	23.0	22.1	22.5	19.4	18.4	18.8	18.9	18.3	18.6	10.3	9.4	10.0
5	23.3	22.4	22.7	18.8	16.7	18.3	19.4	18.3	18.6	9.9	9.4	9.6
6	23.2	22.7	22.9	18.5	17.5	18.1	19.4	18.2	18.6	10.1	9.5	9.8
7	23.0	22.3	22.7	18.2	16.7	17.8	19.1	18.5	18.8	10.0	9.6	9.7
8	22.6	21.6	22.1	17.8	16.3	16.9	19.1	18.7	18.9	9.7	9.2	9.5
9	21.8	20.7	21.3	---	---	---	19.3	18.9	19.1	9.6	9.0	9.3
10	21.4	20.6	21.0	---	---	---	19.1	18.5	18.9	9.9	9.2	9.4
11	21.6	20.8	21.1	---	---	---	18.9	18.1	18.4	10.1	9.4	9.7
12	21.5	21.1	21.3	---	---	---	18.2	18.0	18.1	10.2	9.8	10.0
13	22.0	21.4	21.6	---	---	---	18.5	18.0	18.2	10.4	9.9	10.1
14	22.2	21.6	21.9	---	---	---	18.7	18.2	18.4	10.5	9.9	10.2
15	22.2	21.7	22.0	---	---	---	18.8	18.2	18.6	10.7	10.1	10.4
16	22.3	21.6	21.9	---	---	---	18.5	18.1	18.3	10.9	10.1	10.5
17	21.8	20.9	21.4	17.4	16.4	16.8	19.0	18.0	18.2	11.0	10.4	10.7
18	21.0	20.2	20.7	17.4	17.0	17.2	18.3	17.5	18.1	11.2	10.5	10.8
19	20.8	19.6	20.2	18.0	17.1	17.4	18.1	17.7	17.9	12.0	10.9	11.2
20	21.0	20.1	20.5	17.8	17.3	17.5	17.9	16.9	17.6	11.8	11.3	11.6
21	21.5	20.4	20.9	17.7	16.8	17.3	17.7	16.7	17.2	11.9	11.5	11.7
22	21.7	20.9	21.3	17.3	16.3	17.0	17.2	16.3	16.8	12.0	11.5	11.8
23	22.1	21.3	21.6	17.1	16.7	16.9	16.8	16.2	16.5	12.7	11.7	12.2
24	22.3	21.7	21.9	17.6	16.7	17.0	16.7	16.1	16.4	13.1	12.2	12.6
25	22.7	21.7	22.2	17.7	16.8	17.3	16.4	15.6	16.0	13.1	12.6	12.9
26	22.3	21.4	21.9	18.4	17.2	17.7	15.9	15.0	15.5	13.0	12.6	12.8
27	21.5	20.3	21.0	19.3	17.6	18.1	15.2	14.1	14.5	13.3	12.5	12.8
28	20.5	18.8	19.5	19.1	18.0	18.4	14.3	13.1	13.7	13.6	12.5	13.1
29	19.3	18.5	19.1	19.5	18.2	18.6	14.1	12.6	13.4	14.1	12.7	13.3
30	19.0	17.7	18.2	20.0	18.4	18.9	13.6	12.8	13.2	14.4	13.3	13.8
31	18.8	17.5	18.1	---	---	---	13.1	12.6	12.9	15.1	13.7	14.2
MONTH	23.3	17.5	21.3	---	---	---	20.0	12.6	17.3	15.1	9.0	11.3
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	12.6	11.8	12.2	20.4	19.3	19.9	23.4	22.6	23.0
2	15.4	14.6	15.0	12.7	11.9	12.2	20.8	19.5	20.0	23.7	23.0	23.3
3	14.8	14.2	14.5	13.1	12.3	12.8	20.9	20.0	20.5	24.1	23.4	23.7
4	14.5	13.7	14.1	13.0	12.3	12.7	20.8	20.0	20.5	24.2	23.8	24.0
5	13.7	12.8	13.0	12.5	11.9	12.2	20.2	19.7	19.9	24.0	23.6	23.8
6	12.9	12.2	12.4	12.6	11.7	12.0	19.9	19.3	19.5	23.9	23.4	23.6
7	12.9	12.0	12.5	12.6	11.6	12.0	19.6	18.7	19.1	23.8	23.5	23.6
8	12.9	12.2	12.5	13.4	12.1	12.6	19.8	18.5	19.0	24.3	23.6	23.8
9	13.2	12.4	12.7	14.0	12.6	13.2	20.5	18.9	19.5	24.9	24.2	24.4
10	13.6	12.7	13.0	14.3	13.4	13.8	19.8	19.4	19.6	25.4	24.5	24.9
11	13.6	13.0	13.3	14.3	13.4	13.7	20.1	19.4	19.6	25.9	25.1	25.4
12	14.0	13.0	13.3	14.2	13.6	13.8	20.4	19.5	19.8	26.2	25.4	25.8
13	13.3	12.9	13.1	14.6	13.9	14.2	20.8	19.8	20.1	26.4	25.6	26.0
14	13.4	12.8	13.0	16.1	14.3	15.1	21.1	20.0	20.6	26.1	25.4	25.8
15	12.9	12.7	12.8	17.2	15.5	16.0	22.1	20.6	21.0	25.8	25.1	25.4
16	13.4	12.7	12.9	17.3	16.1	16.5	22.7	20.9	21.4	25.6	24.4	25.2
17	13.1	12.6	12.9	17.9	16.7	17.0	22.8	21.2	21.8	25.7	24.8	25.2
18	12.8	12.1	12.5	17.9	16.6	16.9	22.8	21.7	22.2	25.4	25.0	25.2
19	13.1	12.3	12.6	17.9	16.8	17.3	22.9	22.0	22.4	25.0	23.5	24.3
20	13.4	12.3	12.8	18.7	17.6	18.0	23.2	22.1	22.7	23.9	22.7	23.1
21	13.7	12.6	13.2	18.3	17.8	18.2	23.4	22.4	22.9	23.0	22.2	22.6
22	13.7	13.2	13.4	18.3	17.4	17.9	23.6	22.7	23.2	22.5	21.0	21.9
23	13.6	13.2	13.5	17.7	17.0	17.4	23.5	22.7	23.0	22.4	20.9	21.6
24	13.4	12.9	13.1	18.2	17.0	17.4	23.5	22.6	23.0	22.6	21.2	21.8
25	13.8	12.8	13.2	18.3	17.3	17.7	23.6	22.6	23.1	23.3	21.8	22.4
26	14.1	13.0	13.4	18.7	17.7	18.2	23.6	22.5	23.0	23.7	22.5	23.0
27	13.6	12.7	13.3	19.1	18.1	18.6	23.0	22.2	22.6	24.0	23.0	23.5
28	12.9	12.0	12.4	19.2	18.1	18.7	23.5	22.3	22.8	24.4	23.5	23.9
29	---	---	---	19.4	18.1	18.7	23.7	22.8	23.3	---	---	---
30	---	---	---	20.2	18.8	19.2	23.3	22.7	23.0	---	---	---
31	---	---	---	20.3	19.1	19.6	---	---	---	25.9	24.5	25.0
MONTH	---	---	---	20.3	11.6	15.7	23.7	18.5	21.3	---	---	---





## COOPER RIVER BASIN

021720711 COOPER RIVER AT CUSTOMS HOUSE AT CHARLESTON, SC

LOCATION.--Lat 32°46'44'', long 79°55'26'', Berkeley County, Hydrologic Unit 03050201, at South Carolina State Ports Authority Dock, 0.25 mi east of Customs House at Charleston.

DRAINAGE AREA.--Indeterminate.

PERIOD OF DAILY RECORD.--October 1985 to current year.

GAGE.--Data collection platform. Datum of gage is 17.12 ft below NGVD of 1929.

REMARKS.--Gage height affected by tide and regulation from Lake Moultrie (see station 02172000). Flow diverted to Santee River Basin for power generation since October, 1986 (see station 02171645).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height 23.65 ft, Jan. 1, 1987; minimum gage height, 10.88 ft, Mar. 13, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 22.67 ft, Aug. 7; minimum gage height, 12.99 ft, Feb. 28.

## GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	21.25	16.14	18.80	21.20	15.26	18.28	21.17	14.75	18.03	21.08	14.22	17.62
2	21.25	16.08	18.83	21.12	15.18	18.17	21.32	14.74	18.02	21.23	14.35	17.76
3	21.28	15.94	18.72	21.05	15.09	18.03	21.59	15.09	18.25	21.49	14.19	17.78
4	20.87	15.57	18.31	20.94	15.03	18.07	21.55	15.17	18.23	20.30	14.26	17.19
5	20.88	15.39	18.18	21.33	15.82	18.52	21.17	15.10	17.94	20.27	14.68	17.42
6	20.72	15.48	18.02	21.41	15.98	18.47	20.90	14.85	17.73	20.10	13.48	17.13
7	20.99	15.83	18.33	20.79	15.44	17.98	20.63	14.88	17.72	19.19	13.69	16.55
8	21.02	15.91	18.46	20.87	15.51	17.91	20.77	15.16	17.98	19.32	14.13	16.92
9	21.11	16.26	18.58	20.76	15.43	17.95	20.48	15.03	18.05	19.82	13.72	16.90
10	21.17	16.02	18.42	20.92	15.20	18.21	21.58	15.24	18.83	19.47	13.54	16.64
11	21.17	15.81	18.38	20.85	14.85	18.14	21.38	14.51	18.12	---	---	---
12	21.15	15.37	18.33	21.52	15.34	18.70	21.17	14.65	18.12	---	---	---
13	21.76	15.32	18.63	21.93	15.20	18.74	21.60	14.66	18.16	19.74	13.96	16.92
14	21.76	14.77	18.68	21.91	14.87	18.49	21.30	14.55	17.91	20.20	14.01	17.22
15	21.98	14.70	18.60	22.21	14.93	18.72	20.86	14.46	17.69	19.77	14.24	17.12
16	---	---	---	22.08	15.19	18.52	21.27	15.15	18.13	20.08	14.54	17.31
17	22.04	14.45	18.46	21.51	15.11	18.21	21.08	15.30	18.15	19.93	14.56	17.26
18	22.04	14.85	18.52	21.22	15.35	18.20	19.84	14.55	17.37	19.34	14.58	17.09
19	21.99	15.43	18.58	21.03	15.52	18.19	20.71	15.76	17.96	19.89	15.40	17.45
20	21.32	15.40	18.28	20.57	15.74	17.95	19.96	15.50	17.53	19.35	14.76	17.13
21	21.18	15.54	18.26	20.86	16.61	18.53	19.88	15.87	17.76	19.43	15.39	17.45
22	20.85	16.01	18.38	20.37	16.23	18.20	20.00	16.16	18.05	19.45	15.40	17.44
23	20.84	16.42	18.52	20.12	16.02	18.09	19.99	16.19	18.22	20.04	15.15	17.49
24	20.52	16.45	18.46	19.91	15.76	17.99	19.86	15.27	17.62	20.00	14.58	17.32
25	20.02	15.69	18.03	19.97	15.47	17.90	19.98	15.79	18.16	19.93	14.82	17.32
26	19.82	15.46	17.81	20.04	15.15	17.80	20.72	14.30	18.02	20.82	14.33	17.94
27	20.39	15.44	18.11	20.15	14.97	17.86	20.22	14.49	17.52	20.97	13.88	17.66
28	20.59	15.70	18.34	20.51	14.86	17.92	20.48	14.57	17.85	20.92	13.55	17.34
29	20.59	15.50	18.35	20.78	14.84	18.02	20.68	14.51	17.73	20.91	13.30	17.24
30	20.70	15.45	18.30	21.11	14.92	18.02	20.89	14.04	17.72	21.00	13.21	17.24
31	20.81	15.22	18.28	---	---	---	21.12	14.37	17.75	21.06	13.50	17.29
MONTH	---	---	---	22.21	14.84	18.19	21.60	14.04	17.95	---	---	---

## 021720711 COOPER RIVER AT CUSTOMS HOUSE AT CHARLESTON, SC--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	20.80	13.82	17.27	21.23	13.47	17.37	21.45	14.84	17.86	20.80	15.26	17.84
2	20.79	13.76	17.49	21.28	14.31	17.94	21.25	15.37	18.10	20.74	15.13	17.51
3	20.85	15.08	17.93	20.47	13.99	17.25	21.05	15.36	17.92	19.75	14.83	17.23
4	20.53	14.29	17.18	20.32	13.91	16.78	20.06	15.70	18.08	19.95	15.73	18.12
5	20.11	14.92	17.59	19.82	14.44	17.13	20.81	16.44	18.61	20.21	15.72	18.06
6	20.53	15.53	18.01	20.03	14.88	17.26	20.72	16.16	18.41	20.22	15.88	18.11
7	20.94	14.11	17.61	19.91	15.10	17.39	20.58	16.08	18.32	20.03	15.25	17.83
8	20.06	14.92	17.59	19.95	15.28	17.59	20.37	15.38	18.02	19.81	15.01	17.60
9	20.54	15.09	17.89	20.19	14.92	17.50	20.13	14.87	17.64	20.18	14.88	17.65
10	20.78	14.96	17.86	20.11	14.64	17.37	20.02	14.70	17.54	20.16	14.74	17.55
11	19.89	14.46	17.26	20.29	14.68	17.88	20.49	15.17	18.05	20.80	14.79	17.74
12	20.59	14.71	17.69	20.67	15.14	18.04	20.56	15.16	18.01	20.76	14.89	17.88
13	20.27	14.58	17.57	20.58	14.71	17.57	20.73	14.93	17.92	20.51	14.54	17.53
14	20.49	15.01	17.92	19.94	14.27	17.34	20.65	14.98	17.89	20.89	14.01	17.42
15	20.51	15.22	18.04	19.98	14.39	17.42	20.43	14.87	17.62	20.81	15.19	17.77
16	19.92	14.97	17.65	19.70	14.18	17.21	20.52	15.09	17.65	20.51	15.05	17.64
17	19.49	14.80	17.15	20.30	14.74	17.35	20.38	15.30	17.65	20.39	14.88	17.45
18	19.86	15.45	17.52	19.95	14.87	17.55	20.27	15.20	17.54	20.39	14.55	17.31
19	19.86	15.53	17.60	20.64	15.53	17.84	20.27	15.34	17.59	20.57	15.93	18.22
20	19.96	15.56	17.67	20.59	15.67	18.02	20.09	15.33	17.57	21.11	15.88	18.57
21	19.75	15.08	17.18	20.46	15.68	17.95	20.43	15.35	17.93	21.06	15.51	18.57
22	19.80	15.12	17.44	20.78	15.86	18.15	20.38	14.69	17.72	21.80	15.95	19.06
23	20.37	15.49	17.98	20.60	15.46	18.09	21.07	15.23	18.28	21.93	15.09	18.86
24	21.01	14.69	18.30	20.58	14.80	17.83	21.29	14.89	18.41	21.65	14.27	18.25
25	21.35	14.30	18.07	20.66	14.39	17.73	21.31	14.43	18.24	21.55	14.08	17.94
26	21.49	14.16	18.02	20.85	13.82	17.86	22.13	13.78	18.28	21.74	14.24	17.93
27	20.38	13.16	16.92	21.23	13.82	17.97	21.92	14.40	18.29	21.88	14.57	18.11
28	20.80	12.99	17.26	22.08	14.19	18.57	21.29	13.91	17.82	22.14	15.05	18.42
29	---	---	---	22.18	14.56	18.51	21.00	13.86	17.33	21.84	15.91	18.72
30	---	---	---	21.87	14.31	18.25	21.32	14.49	17.90	21.24	15.81	18.44
31	---	---	---	21.53	14.60	18.11	---	---	---	21.11	15.86	18.33
MONTH	21.49	12.99	17.63	22.18	13.47	17.70	22.13	13.78	17.94	22.14	14.01	17.99
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	20.71	15.75	18.14	19.99	15.39	17.79	20.51	16.30	18.50	20.74	16.49	18.59
2	20.41	15.75	18.14	19.84	15.52	17.84	21.03	16.45	18.78	21.41	16.61	18.92
3	20.56	15.92	18.60	19.88	15.43	17.76	21.18	16.53	18.86	21.70	16.38	19.09
4	20.73	16.37	18.68	20.14	15.47	17.90	21.23	16.34	18.82	21.50	15.47	18.62
5	20.54	15.82	18.42	20.28	15.28	17.90	21.78	16.08	18.92	21.48	14.59	18.24
6	20.43	15.69	18.25	20.72	15.47	18.17	22.05	16.01	19.12	22.18	14.79	18.51
7	20.74	15.42	18.24	21.18	15.81	18.48	22.67	16.19	19.48	22.12	14.77	18.64
8	21.45	16.17	18.94	20.93	15.04	18.01	22.58	15.82	19.26	21.75	14.70	18.48
9	21.84	16.04	18.90	20.86	14.58	17.75	22.45	15.43	19.04	21.86	14.87	18.49
10	21.66	15.57	18.63	20.72	13.85	17.33	22.11	15.15	18.72	21.93	15.27	18.64
11	21.49	15.17	18.33	21.28	13.83	17.30	21.73	14.94	18.42	21.56	15.26	18.42
12	21.44	15.17	18.23	21.87	15.14	18.37	21.20	15.00	18.20	21.88	15.38	18.69
13	21.35	15.16	18.13	21.53	15.00	18.24	20.99	14.93	18.11	21.15	15.77	18.35
14	21.26	15.19	18.12	20.64	14.53	17.69	21.07	15.06	18.11	20.71	15.61	18.08
15	21.32	15.33	18.19	20.73	14.40	17.67	20.89	15.03	17.99	20.53	15.56	18.00
16	21.31	15.60	18.42	20.74	15.03	17.95	20.62	15.03	17.83	20.24	15.23	17.76
17	21.24	15.69	18.44	20.74	14.94	17.95	20.55	14.89	17.70	20.81	15.33	18.05
18	21.04	15.53	18.34	21.07	15.15	18.16	20.65	14.87	17.69	21.00	15.73	18.43
19	21.35	15.21	18.40	20.98	14.77	17.94	20.92	14.93	17.87	21.18	15.74	18.56
20	21.43	15.15	18.37	21.11	14.62	17.84	20.79	15.09	18.00	21.18	15.83	18.61
21	21.67	15.27	18.55	21.42	14.80	18.11	20.97	14.95	17.97	21.08	15.96	18.64
22	21.72	14.97	18.54	21.21	14.95	18.13	21.04	15.25	18.14	21.03	15.88	18.72
23	21.36	14.48	18.04	20.93	14.39	17.78	20.61	15.19	17.94	20.94	15.82	18.54
24	21.33	14.42	17.85	20.67	14.38	17.61	20.54	14.89	17.89	20.93	15.74	18.60
25	21.10	14.46	17.74	20.75	14.59	17.53	20.68	14.68	18.02	21.23	16.59	18.95
26	20.72	14.60	17.59	20.62	14.79	17.55	20.55	15.72	18.30	21.06	16.30	18.78
27	20.27	14.67	17.34	20.15	15.09	17.70	20.20	15.59	18.09	20.69	16.59	18.61
28	19.79	14.46	17.07	19.97	14.96	17.57	20.26	15.64	18.16	20.70	16.11	18.44
29	19.79	14.53	17.16	19.80	14.89	17.49	20.38	15.78	18.11	21.00	16.65	18.77
30	19.98	14.91	17.51	19.71	15.10	17.61	20.59	15.72	18.40	21.41	16.86	19.04
31	---	---	---	20.18	15.42	17.97	20.70	16.25	18.47	---	---	---
MONTH	21.84	14.42	18.18	21.87	13.83	17.84	22.67	14.68	18.35	22.18	14.59	18.54

## ASHLEY RIVER BASIN

02172076 GREAT CYPRESS SWAMP NEAR RIDGEVILLE, SC

LOCATION.--Lat 33°05'11'', long 80°15'55'', Dorchester County, Hydrologic Unit 03050202, on downstream side of bridge on US Hwy 78, 2.8 mi east of Ridgeville.

DRAINAGE AREA.--Indeterminate.

## GAGE-HEIGHT RECORDS

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

GAGE.--Data collection platform. Elevation of gage is 25 ft above NGVD of 1929 (from topographic map).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 31.41 ft, Jul. 8, 2001; minimum gage height, 28.95 ft, Dec. 4, 5, 10, 28, 2001, Jun. 15, 16, 20, Jul. 21, 29, 30 and Aug. 28, 2002, may have been lower during periods of missing record.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 31.19 ft, Sep. 30; minimum gage height, 28.95 ft, Dec. 4, 5, 10, 28, Jun. 15, 16, 20, Jul. 21, 29, 30 and Aug. 28, may have been lower during periods of missing record.

## GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	30.03	30.01	30.02	29.33	29.32	29.33	28.99	28.98	28.99	---	---	---
2	30.01	29.97	29.99	29.32	29.31	29.31	28.98	28.97	28.98	---	---	---
3	29.97	29.95	29.96	29.31	29.29	29.30	28.97	28.96	28.97	29.00	28.99	28.99
4	29.95	29.92	29.93	29.29	29.27	29.29	28.96	28.95	28.95	29.01	29.00	29.00
5	29.92	29.90	29.91	29.27	29.25	29.27	---	---	---	29.01	29.01	29.01
6	29.90	29.88	29.89	29.25	29.23	29.24	---	---	---	29.08	29.01	29.05
7	29.89	29.85	29.87	29.23	29.22	29.23	---	---	---	29.09	29.08	29.08
8	29.85	29.81	29.83	29.22	29.21	29.21	---	---	---	29.09	29.09	29.09
9	29.81	29.79	29.80	29.21	29.19	29.20	---	---	---	29.09	29.08	29.09
10	29.79	29.77	29.78	29.19	29.17	29.18	---	---	---	29.09	29.08	29.09
11	29.77	29.74	29.75	29.17	29.16	29.17	29.05	29.03	29.04	29.09	29.08	29.08
12	29.74	29.72	29.73	29.16	29.15	29.15	29.05	29.05	29.05	29.15	29.08	29.09
13	29.72	29.70	29.71	29.15	29.13	29.14	29.05	29.05	29.05	29.21	29.15	29.20
14	29.71	29.69	29.70	29.13	29.12	29.13	29.05	29.05	29.05	29.27	29.21	29.23
15	29.71	29.69	29.70	29.12	29.11	29.11	29.05	29.04	29.05	29.29	29.27	29.29
16	29.69	29.66	29.68	29.11	29.09	29.10	29.04	29.03	29.03	29.30	29.29	29.30
17	29.66	29.63	29.65	29.09	29.08	29.09	29.04	29.03	29.03	29.30	29.30	29.30
18	29.63	29.61	29.62	29.08	29.07	29.07	29.05	29.04	29.05	29.30	29.30	29.30
19	29.61	29.59	29.60	29.07	29.06	29.07	29.05	29.03	29.04	29.31	29.30	29.30
20	29.59	29.57	29.58	29.06	29.05	29.05	29.03	29.03	29.03	29.31	29.31	29.31
21	29.57	29.55	29.56	29.05	29.03	29.04	29.03	29.02	29.02	29.31	29.31	29.31
22	29.55	29.53	29.54	29.03	29.03	29.03	29.02	29.01	29.01	29.31	29.31	29.31
23	29.53	29.51	29.52	29.03	29.02	29.03	29.01	29.00	29.00	29.31	29.31	29.31
24	29.51	29.49	29.51	29.02	29.02	29.02	29.00	28.99	28.99	29.32	29.31	29.31
25	29.49	29.47	29.48	29.03	29.02	29.03	28.99	28.99	28.99	29.33	29.31	29.32
26	29.47	29.43	29.45	29.03	29.03	29.03	28.99	28.97	28.98	29.33	29.33	29.33
27	29.43	29.41	29.42	29.03	29.02	29.02	28.97	28.97	28.97	29.33	29.33	29.33
28	29.41	29.38	29.40	29.02	29.02	29.02	---	---	---	29.33	29.33	29.33
29	29.38	29.36	29.37	29.02	28.99	29.01	---	---	---	29.33	29.33	29.33
30	29.36	29.34	29.35	28.99	28.99	28.99	---	---	---	29.33	29.33	29.33
31	29.34	29.33	29.34	---	---	---	---	---	---	29.33	29.33	29.33
MONTH	30.03	29.33	29.67	29.33	28.99	29.13	---	---	---	---	---	---



02172076 GREAT CYRPRESS SWAMP NEAR RIDGEVILLE, SC--Continued

## WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 2001 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: July 2001 to current year.

DISSOLVED OXYGEN: July 2001 to current year.

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

REMARKS.-- Temperature records rated fair. Dissolved oxygen records rated poor. Dissolved oxygen concentrations are not corrected for salinity.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 31.8°C, July 19, 2002; minimum, 2.8°C, Jan. 4, 2002.

DISSOLVED OXYGEN: Maximum, 9.6 mg/L, Mar. 10, 2002; minimum, 0.0 mg/L, Sep. 17, 18, 2002.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 31.8°C, July 19; minimum, 2.8°C, Jan. 4.

DISSOLVED OXYGEN: Maximum, 9.6 mg/L, Mar. 10; minimum, 0.0 mg/L, Sep. 17, 18.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	17.5	16.2	16.8	15.4	10.8	13.2	17.8	16.2	16.9	6.5	4.1	5.3
2	17.1	15.6	16.4	19.0	14.5	16.2	17.1	15.3	16.3	5.2	3.4	4.2
3	17.4	15.7	16.6	---	---	---	15.3	12.8	14.2	4.3	3.3	3.9
4	17.8	16.2	17.0	---	---	---	14.1	11.7	13.1	4.4	2.8	3.6
5	18.2	16.8	17.5	---	---	---	14.6	12.3	13.4	4.4	3.3	4.0
6	19.5	18.0	18.5	---	---	---	14.5	11.9	13.1	8.3	3.6	5.5
7	18.6	16.3	17.4	---	---	---	14.7	12.3	13.5	6.6	4.6	5.6
8	16.7	15.3	16.0	13.2	9.3	11.2	15.4	12.3	13.9	5.3	4.0	4.5
9	16.2	14.8	15.5	13.6	9.6	11.5	16.3	15.0	15.6	5.1	3.4	4.4
10	16.9	15.4	16.2	13.5	9.5	11.3	15.0	13.4	13.9	7.2	4.1	5.4
11	17.6	16.2	16.9	13.5	9.5	11.3	13.9	12.7	13.4	8.2	6.0	6.9
12	17.9	16.4	17.3	13.4	9.7	11.1	14.3	13.3	13.7	9.4	5.6	6.9
13	18.6	17.0	17.9	13.1	9.4	10.9	15.9	14.2	14.9	8.8	6.6	7.4
14	19.5	17.9	18.5	13.2	9.9	11.5	17.0	15.0	15.8	6.8	5.1	6.1
15	19.2	17.4	18.3	15.3	12.2	13.5	17.0	13.8	15.9	7.7	5.9	6.8
16	18.3	16.3	17.2	16.1	12.4	13.8	14.2	12.6	13.5	6.8	4.9	6.0
17	16.6	14.6	15.7	---	---	---	15.0	12.0	13.2	7.1	5.4	6.4
18	15.1	13.5	14.3	---	---	---	15.2	12.2	14.1	7.2	5.5	6.4
19	16.0	13.3	14.6	---	---	---	13.0	11.1	12.0	10.4	7.1	8.1
20	17.2	14.6	15.8	16.0	11.7	13.6	11.6	9.4	10.7	10.0	8.9	9.5
21	18.2	15.5	16.8	13.9	10.3	11.9	9.9	7.6	8.9	9.0	7.9	8.5
22	19.6	17.3	18.3	13.3	9.2	11.0	8.5	6.2	7.4	8.6	6.5	7.6
23	19.5	17.1	18.4	13.4	10.3	11.9	9.8	6.7	8.0	9.4	7.7	8.4
24	20.9	18.4	19.6	16.3	12.2	14.1	10.3	7.9	9.7	12.0	9.4	10.6
25	22.0	18.2	20.2	17.5	14.5	16.0	8.4	6.5	7.5	12.4	10.4	11.8
26	18.2	14.8	16.6	18.3	15.4	16.8	7.8	5.3	6.8	11.2	10.0	10.7
27	15.6	12.6	14.0	18.3	15.2	16.6	6.5	4.2	5.3	12.1	10.8	11.5
28	14.4	10.7	12.3	18.0	14.0	16.0	6.6	4.0	5.2	13.4	11.9	12.7
29	13.2	9.8	11.1	16.7	14.2	15.5	8.3	5.3	6.5	13.2	11.3	12.3
30	13.1	8.8	10.6	17.3	14.9	16.1	7.0	5.1	6.2	14.4	12.5	13.6
31	14.3	8.7	11.3	---	---	---	6.7	4.2	5.5	16.0	14.2	15.2
MONTH	22.0	8.7	16.2	---	---	---	17.8	4.0	11.6	16.0	2.8	7.7

02172076 GREAT CYRPRESS SWAMP NEAR RIDGEVILLE, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	17.3	15.5	16.4	8.4	5.7	7.1	23.1	19.6	21.1	22.1	19.1	20.4
2	16.2	11.2	13.9	9.1	7.8	8.2	23.1	16.9	19.8	24.9	20.7	22.5
3	12.2	10.4	11.4	10.2	9.0	9.6	23.8	18.5	20.9	24.7	22.2	23.3
4	11.9	8.1	10.1	12.2	9.1	10.7	22.7	18.3	20.1	23.3	21.4	22.2
5	9.5	7.5	8.3	9.1	6.3	7.7	19.0	15.2	17.0	21.8	19.5	20.5
6	8.4	7.4	7.8	8.4	6.6	7.6	17.3	14.3	15.7	22.6	18.3	20.2
7	9.5	8.2	8.9	8.9	8.0	8.5	16.7	13.0	14.8	23.3	19.4	21.2
8	9.3	7.7	8.7	9.9	8.9	9.3	17.6	13.5	15.1	24.4	20.5	22.3
9	9.2	7.0	8.1	11.1	9.8	10.4	19.4	16.5	17.5	25.1	21.4	23.2
10	10.6	9.1	9.8	12.8	11.1	11.9	19.6	18.2	18.8	26.4	21.9	24.0
11	11.7	10.6	11.2	14.3	11.3	12.5	19.8	17.9	18.7	25.2	22.8	24.0
12	10.7	8.3	9.4	13.7	12.5	13.0	20.8	19.4	19.9	26.8	22.3	24.1
13	9.9	8.1	8.9	16.5	13.4	14.8	20.7	18.7	19.5	26.3	22.8	24.4
14	9.5	7.7	8.6	19.3	13.9	15.9	21.1	19.5	20.1	25.5	21.2	23.2
15	9.0	7.5	8.4	20.8	15.4	17.6	21.2	19.8	20.5	---	---	---
16	9.7	8.1	8.8	21.1	16.4	18.4	21.4	20.4	20.9	---	---	---
17	9.9	7.8	9.0	21.3	18.1	19.6	22.1	20.5	21.2	---	---	---
18	9.0	6.9	8.1	21.7	19.5	20.7	22.7	21.1	21.9	24.0	20.5	22.1
19	8.2	5.9	7.3	21.3	19.0	20.2	22.9	21.3	22.1	20.5	17.3	18.8
20	9.7	8.2	8.9	21.2	18.9	20.0	23.8	21.6	22.7	19.2	16.3	17.5
21	11.9	9.7	10.7	20.9	17.2	19.3	24.6	22.0	23.3	18.8	15.5	17.0
22	12.0	10.3	11.1	17.3	14.2	15.9	24.7	22.2	23.3	18.9	15.8	17.3
23	11.4	10.5	11.1	15.5	10.9	13.4	22.6	20.5	21.5	19.8	15.7	17.5
24	10.6	8.9	9.9	16.6	11.2	13.9	21.4	19.0	20.2	20.9	16.1	18.5
25	10.0	7.8	9.0	18.3	13.5	15.8	22.6	19.8	21.0	22.2	17.6	19.9
26	10.7	9.0	9.9	20.9	15.8	18.1	21.8	19.5	20.6	23.3	19.0	20.9
27	11.3	8.2	10.1	22.0	18.4	20.0	20.4	19.5	19.8	22.9	19.0	20.9
28	8.8	6.6	7.8	20.2	16.7	18.4	22.6	19.3	20.6	23.0	19.4	21.2
29	---	---	---	20.6	15.4	17.6	24.4	21.4	22.5	23.5	20.3	21.8
30	---	---	---	21.5	18.3	19.4	21.9	19.5	20.3	23.0	21.6	22.2
31	---	---	---	22.8	19.7	20.9	---	---	---	25.5	21.0	23.0
MONTH	17.3	5.9	9.7	22.8	5.7	14.7	24.7	13.0	20.0	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	27.4	22.2	24.5	28.1	25.1	26.4	27.8	26.3	27.0	23.9	23.3	23.6
2	28.7	23.3	25.8	28.0	24.9	26.3	28.2	25.6	26.8	23.8	23.4	23.5
3	29.4	24.2	26.4	28.1	24.9	26.4	27.6	25.4	26.4	23.6	23.2	23.4
4	27.9	24.4	26.0	28.5	25.0	26.6	26.6	25.3	26.0	23.7	22.8	23.2
5	28.5	23.8	25.9	29.3	25.5	27.3	27.6	25.0	26.1	23.7	23.4	23.5
6	28.1	23.6	25.8	29.7	26.5	27.9	28.3	25.0	26.4	25.1	23.6	24.3
7	26.4	24.2	25.1	29.3	26.0	27.5	27.2	25.0	26.1	24.6	23.6	24.2
8	27.1	22.9	24.6	28.2	24.5	26.3	26.1	23.5	24.7	---	---	---
9	---	---	---	28.5	24.8	26.4	25.7	22.6	24.1	---	---	---
10	---	---	---	29.5	25.2	27.1	25.7	22.3	23.9	---	---	---
11	---	---	---	28.4	25.9	26.8	25.7	22.2	23.8	---	---	---
12	---	---	---	26.7	25.0	25.8	25.8	22.3	23.9	24.0	23.5	23.7
13	29.2	23.4	25.8	27.1	24.5	25.8	25.3	22.5	23.9	23.9	23.3	23.6
14	29.8	24.4	26.5	28.6	25.0	26.7	25.6	23.4	24.4	24.0	23.7	23.8
15	29.4	24.1	26.1	29.8	25.6	27.5	27.2	23.7	25.3	24.2	23.9	24.1
16	29.4	22.0	24.5	30.2	25.8	27.9	27.8	24.7	26.1	24.8	24.2	24.3
17	28.0	21.0	23.8	31.0	26.5	28.5	28.0	24.8	26.3	24.9	23.8	24.2
18	25.2	21.4	22.9	31.0	26.5	28.5	28.2	25.2	26.6	24.8	23.9	24.2
19	28.0	19.9	23.6	31.8	26.7	28.8	27.6	25.2	26.4	24.8	23.6	24.0
20	24.8	21.6	23.3	31.4	26.9	28.8	27.9	25.2	25.9	24.7	22.6	23.5
21	23.9	22.4	23.0	30.8	26.2	27.6	26.3	24.8	25.6	24.4	22.1	23.1
22	22.9	22.4	22.6	28.7	25.3	26.8	26.4	24.6	25.5	24.4	22.3	23.3
23	25.4	22.4	23.7	27.0	25.1	26.1	26.9	24.7	25.8	24.1	23.0	23.6
24	25.5	23.6	24.5	27.7	24.7	26.1	27.5	25.6	26.6	24.1	23.1	23.5
25	24.8	23.7	24.2	29.1	24.6	26.7	27.4	26.0	26.6	23.4	22.9	23.2
26	25.5	23.5	24.5	30.2	25.6	27.5	26.3	25.3	25.8	24.6	23.2	23.8
27	26.3	24.4	25.3	29.8	25.5	27.5	26.0	24.7	25.4	26.3	24.3	25.3
28	27.1	24.8	26.0	30.8	26.0	28.2	25.6	24.7	25.1	25.7	24.6	25.2
29	27.2	25.3	26.3	31.0	26.7	28.6	25.0	24.4	24.7	24.9	24.1	24.5
30	27.5	25.2	26.3	30.2	26.6	28.2	24.7	23.4	24.1	24.4	23.2	23.8
31	---	---	---	29.1	27.0	28.0	23.9	23.3	23.5	---	---	---
MONTH	---	---	---	31.8	24.5	27.2	28.3	22.2	25.4	---	---	---

## ASHLEY RIVER BASIN

02172076 GREAT CYRPRESS SWAMP NEAR RIDGEVILLE, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	1.7	1.2	1.4	1.9	0.6	1.3	1.2	0.7	0.9	4.0	2.8	3.3
2	2.0	1.2	1.6	2.9	0.5	1.4	1.0	0.4	0.6	7.2	2.8	4.7
3	2.1	1.1	1.6	---	---	---	0.8	0.4	0.6	7.1	4.0	5.6
4	2.0	1.3	1.6	---	---	---	0.5	0.1	0.3	7.8	5.4	6.3
5	2.2	1.4	1.7	---	---	---	1.2	0.1	0.5	7.1	5.1	5.8
6	2.8	1.2	1.7	---	---	---	1.4	0.2	0.6	7.6	4.7	5.9
7	2.4	1.0	1.7	---	---	---	1.4	0.4	0.9	6.5	5.7	6.1
8	2.4	1.4	1.7	3.1	1.2	1.6	1.2	0.4	0.8	7.6	5.2	5.7
9	2.7	0.9	1.5	3.0	0.8	1.3	1.7	0.4	0.9	5.6	4.5	5.0
10	2.2	1.4	1.8	1.5	0.9	1.2	5.1	0.5	1.7	6.2	4.6	5.2
11	2.2	1.4	1.8	2.8	0.7	1.2	2.6	0.6	1.2	5.8	4.9	5.3
12	2.1	1.2	1.7	2.0	0.6	1.0	1.0	0.4	0.7	7.1	4.8	5.3
13	2.3	1.3	1.8	1.5	0.6	1.1	1.4	0.4	0.7	7.9	4.9	6.5
14	2.3	1.2	1.8	1.8	0.7	1.2	1.5	0.6	0.9	5.6	3.6	4.9
15	2.6	1.3	1.9	2.2	0.5	1.2	1.6	0.7	1.2	5.6	3.6	4.8
16	1.9	0.8	1.3	1.9	0.4	0.7	1.6	0.4	1.0	4.9	4.1	4.5
17	1.1	0.6	0.8	---	---	---	1.8	0.1	0.5	5.0	4.2	4.5
18	1.4	0.7	1.0	---	---	---	2.3	0.9	1.6	4.8	3.8	4.5
19	1.5	0.9	1.1	---	---	---	2.2	0.6	1.2	5.1	3.5	4.2
20	1.6	1.2	1.4	2.0	0.8	1.5	2.0	0.9	1.4	5.6	3.8	4.9
21	2.4	1.1	1.6	2.0	0.6	1.2	2.2	1.3	1.7	5.3	4.2	4.8
22	2.4	1.2	1.6	1.6	0.6	1.0	2.2	1.6	1.9	5.1	3.9	4.5
23	1.9	1.1	1.4	1.2	0.4	0.9	2.0	1.3	1.7	5.0	3.2	4.4
24	1.8	1.0	1.4	1.4	0.5	0.9	3.3	0.8	2.0	4.5	2.7	3.2
25	1.6	0.8	1.1	1.7	0.5	0.9	3.1	2.2	2.5	4.6	2.5	3.6
26	1.0	0.1	0.5	0.9	0.5	0.7	3.1	2.3	2.6	4.6	3.5	4.0
27	1.7	0.1	0.3	0.8	0.3	0.5	3.7	2.5	2.9	4.5	2.4	3.6
28	1.8	0.3	0.6	1.2	0.6	0.8	4.5	2.6	3.1	4.5	2.3	3.6
29	2.7	0.2	0.9	2.4	0.6	1.1	3.5	2.7	3.1	4.5	2.8	3.7
30	2.4	0.4	1.0	2.1	0.9	1.4	3.4	2.7	3.0	4.2	2.6	3.3
31	2.0	0.7	1.2	---	---	---	3.8	3.0	3.3	4.0	2.4	3.0
MONTH	2.8	0.1	1.4	---	---	---	5.1	0.1	1.5	7.9	2.3	4.7
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	3.9	2.4	3.0	7.9	5.5	6.5	3.2	2.1	2.6	2.7	1.6	2.1
2	4.5	2.4	3.6	6.5	5.2	5.9	3.3	2.0	2.5	3.7	1.6	2.8
3	4.4	2.9	3.5	6.9	4.3	5.5	3.0	2.0	2.4	4.3	2.0	3.0
4	4.9	2.6	3.4	5.7	3.8	4.8	3.0	1.8	2.3	3.2	1.9	2.4
5	4.5	2.9	3.7	6.2	4.5	5.3	3.3	2.2	2.6	2.9	2.0	2.4
6	4.7	3.3	3.7	6.4	4.7	5.7	3.5	2.6	3.0	3.2	1.7	2.4
7	6.1	2.9	4.0	7.2	4.3	5.5	3.9	3.0	3.3	3.9	2.0	2.9
8	6.2	3.7	4.7	8.1	3.8	5.5	3.6	3.0	3.3	3.7	1.9	2.8
9	4.9	3.4	4.2	8.1	3.7	5.8	3.6	2.6	3.1	3.7	1.8	2.9
10	4.7	2.8	3.6	9.6	3.8	6.0	3.1	2.4	2.7	3.6	1.7	2.6
11	5.7	3.0	4.5	5.2	3.8	4.4	2.6	1.5	2.0	2.5	1.4	2.0
12	5.4	4.0	4.8	4.4	3.4	3.9	2.2	1.4	1.8	3.7	1.4	2.3
13	5.1	3.7	4.5	5.6	3.0	4.1	2.2	1.4	1.7	4.0	1.5	2.5
14	5.1	4.0	4.4	4.8	3.2	3.9	2.2	1.1	1.7	3.4	1.6	2.2
15	4.8	3.6	4.3	4.2	2.6	3.3	2.4	1.3	1.8	---	---	---
16	5.2	3.8	4.4	3.6	2.5	3.1	2.6	1.2	1.8	---	---	---
17	6.2	4.2	4.9	3.8	2.6	3.0	2.5	1.3	1.8	---	---	---
18	5.5	4.2	4.8	4.5	2.3	3.1	2.8	1.6	2.2	4.8	1.6	2.8
19	6.0	4.2	5.0	3.8	2.6	3.2	2.9	1.7	2.3	2.3	1.4	1.9
20	6.2	3.6	4.7	3.4	2.7	3.1	2.9	1.8	2.4	1.9	0.6	1.3
21	6.5	3.1	4.5	3.4	2.5	3.0	3.1	1.9	2.5	2.4	0.6	1.5
22	5.9	4.0	5.1	4.0	2.4	3.0	3.2	1.8	2.7	3.3	1.3	2.2
23	5.8	3.8	5.0	4.3	3.2	3.7	2.8	1.9	2.5	3.8	1.5	2.8
24	6.0	4.2	4.9	4.3	3.6	3.9	3.7	1.0	2.2	4.2	1.9	3.2
25	6.0	4.0	4.9	4.2	3.4	3.8	3.3	1.3	2.4	4.9	2.6	3.7
26	6.5	3.9	5.2	4.5	3.0	3.5	3.1	1.4	2.4	5.1	3.0	3.8
27	7.4	4.1	5.9	3.5	2.8	3.1	2.2	1.2	1.7	4.2	2.5	3.4
28	8.2	4.6	6.0	3.4	2.4	2.8	3.2	0.8	1.9	4.3	2.5	3.4
29	---	---	---	3.5	2.3	2.8	3.3	1.4	2.7	3.7	2.2	3.2
30	---	---	---	2.8	2.0	2.3	2.8	1.8	2.2	5.3	2.2	3.0
31	---	---	---	3.3	1.8	2.3	---	---	---	4.0	2.1	3.2
MONTH	8.2	2.4	4.5	9.6	1.8	4.1	3.9	0.8	2.4	---	---	---

## 02172076 GREAT CYRPRESS SWAMP NEAR RIDGEVILLE, SC--Continued

## OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	4.3	2.5	3.5	4.1	2.1	2.9	3.4	1.7	2.5	2.8	2.1	2.4
2	4.5	2.4	3.4	4.5	2.1	3.0	3.9	1.4	2.5	2.5	1.3	2.0
3	4.4	2.1	3.0	5.4	2.1	3.3	3.7	1.3	2.4	2.4	0.7	1.6
4	3.5	2.0	2.7	6.3	2.1	3.5	2.8	1.4	1.8	1.8	0.6	1.2
5	3.7	2.0	2.6	7.3	2.4	3.9	3.0	1.0	1.9	1.3	0.3	0.6
6	3.7	2.0	2.5	6.4	2.1	3.7	3.3	1.3	2.3	1.8	0.2	0.7
7	3.8	1.8	2.4	6.4	2.1	3.5	3.7	1.4	2.6	1.7	0.3	1.0
8	3.6	1.7	2.3	6.9	1.9	3.7	3.8	1.0	2.3	---	---	---
9	---	---	---	7.0	1.9	3.5	4.0	0.9	2.5	---	---	---
10	---	---	---	7.7	2.0	3.9	4.1	1.3	2.9	---	---	---
11	---	---	---	7.1	1.3	3.5	5.3	1.5	3.3	---	---	---
12	---	---	---	5.9	1.0	2.7	5.1	1.8	3.5	1.7	0.1	0.7
13	4.2	2.1	3.1	6.2	1.1	3.2	4.6	2.1	3.4	1.7	0.1	0.7
14	4.1	2.0	3.0	7.5	1.3	3.5	4.2	2.2	3.0	1.2	0.1	0.3
15	4.2	2.0	2.8	7.7	1.6	3.6	4.6	2.0	3.2	2.0	0.2	0.8
16	4.0	1.9	2.7	6.4	1.6	3.3	5.1	2.4	3.6	1.4	0.2	0.6
17	3.7	1.4	2.5	6.2	1.3	3.3	5.1	2.2	3.4	1.1	0.0	0.4
18	3.0	1.8	2.3	6.6	1.4	3.3	4.8	1.9	3.2	0.8	0.0	0.5
19	4.7	2.0	3.1	6.9	1.3	2.9	3.9	2.0	3.0	1.2	0.4	0.9
20	5.8	2.3	3.7	6.3	1.2	3.0	6.5	1.8	3.3	1.6	1.0	1.3
21	3.4	1.8	2.4	5.8	1.2	2.4	3.7	1.9	2.5	1.1	0.4	0.7
22	4.6	2.2	2.7	4.6	0.6	2.0	3.2	1.4	1.9	0.6	0.2	0.4
23	3.4	2.0	2.7	2.7	0.4	1.3	2.7	1.2	1.8	0.9	0.1	0.5
24	3.6	2.0	2.7	3.8	0.3	1.4	3.4	1.6	2.2	0.7	0.4	0.6
25	2.9	2.0	2.4	4.8	0.5	1.9	4.0	1.9	2.7	2.2	0.6	1.2
26	3.9	1.8	2.5	5.0	0.5	2.0	2.3	1.1	1.6	2.4	1.5	2.0
27	3.2	1.8	2.6	5.4	0.4	2.1	4.3	1.3	1.7	1.9	0.9	1.5
28	3.1	1.8	2.5	4.8	0.4	2.0	4.5	1.5	2.1	1.0	0.8	0.9
29	3.1	1.9	2.5	4.6	0.4	2.0	3.8	0.9	1.7	1.0	0.7	0.9
30	3.4	1.9	2.7	3.8	0.5	1.9	3.6	1.6	2.5	1.3	0.9	1.1
31	---	---	---	3.5	1.7	2.6	3.1	1.2	2.3	---	---	---
MONTH	---	---	---	7.7	0.3	2.9	6.5	0.9	2.6	---	---	---



## ASHLEY RIVER BASIN

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 2002.

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 affected by astronomical tides.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 108 ft<sup>3</sup>/s, Sep. 4, 2001; minimum discharge,, -31 ft<sup>3</sup>/s, Sep. 24, 2001, Aug. 31, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 33 ft<sup>3</sup>/s, Oct. 14; minimum discharge, -31 ft<sup>3</sup>/s, Aug. 31.

## DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	---	---	---	---	---	---	---	---	67	9.3	41	-5.4
2	---	---	---	---	---	---	---	---	58	-4.4	47	-12
3	---	---	---	---	---	---	---	---	52	-0.58	71	-6.2
4	---	---	---	---	---	---	---	---	61	-5.7	108	35
5	---	---	---	---	---	---	---	---	42	-5.5	80	9.3
6	---	---	---	---	---	---	---	---	36	-9.9	54	-2.5
7	---	---	---	---	---	---	---	---	31	-13	63	-2.5
8	---	---	---	---	---	---	---	---	38	-9.3	66	15
9	---	---	---	---	---	---	---	---	31	-15	63	11
10	---	---	---	---	---	---	---	---	34	-17	62	-2.6
11	---	---	---	---	---	---	---	---	24	-11	60	-10
12	---	---	---	---	---	---	---	---	24	-11	53	-9.6
13	---	---	---	---	---	---	---	---	26	-17	55	-5.6
14	---	---	---	---	---	---	---	---	29	-11	40	-5.6
15	---	---	---	---	---	---	---	---	30	-14	40	-8.6
16	---	---	---	---	---	---	---	---	27	-12	33	-11
17	---	---	---	---	---	---	---	---	32	-12	41	-12
18	---	---	---	---	---	---	---	---	28	-7.0	36	-11
19	---	---	---	---	---	---	---	---	26	-22	29	-12
20	---	---	---	---	---	---	---	---	31	-17	30	-14
21	---	---	---	---	---	---	---	---	30	-20	31	-13
22	---	---	---	---	---	---	---	---	50	-11	27	-11
23	---	---	---	---	---	---	---	---	53	-17	25	-10
24	---	---	---	---	---	---	---	---	60	-0.59	28	-31
25	---	---	---	---	---	---	---	---	67	3.3	27	-18
26	---	---	---	---	---	---	---	---	78	5.3	32	-17
27	---	---	---	---	---	---	---	---	64	3.3	27	-12
28	---	---	---	---	---	---	---	---	57	-16	31	-22
29	---	---	---	---	---	---	---	---	52	-0.56	35	-19
30	---	---	---	---	---	---	---	---	57	-13	27	-7.3
31	---	---	---	---	---	---	65	9.3	53	-16	---	---
MONTH	---	---	---	---	---	---	---	---	78	-22	108	-31

## 02172080 ASHLEY RIVER NEAR SUMMERVILLE, SC--Continued

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	25	-18	21	-15	12	-1.4	13	-5.2	21	-4.6	17	-7.4
2	22	-13	23	-9.6	12	-5.6	16	-2.8	19	-6.0	23	-5.9
3	25	-9.7	21	-8.4	13	-3.4	22	-5.6	22	-4.6	18	-6.7
4	26	-9.7	20	-14	12	-3.4	17	-3.1	18	-8.8	26	-3.6
5	25	-16	26	-11	14	-3.4	14	-4.4	16	-6.0	19	-3.6
6	26	-11	27	-14	13	-4.4	17	-7.3	19	-4.7	22	-5.0
7	23	-15	23	-12	11	-1.4	18	-7.4	19	-3.5	18	-2.0
8	28	-12	19	-10	14	-2.4	13	-1.8	25	-6.3	22	-5.0
9	20	-12	19	-14	---	---	16	-1.8	17	-4.7	22	-3.5
10	21	-11	30	-10	12	-5.8	17	-4.5	17	-4.7	21	-3.6
11	24	-13	19	-10	15	-3.6	16	-4.5	15	-7.6	26	-8.3
12	25	-14	24	-15	13	-3.7	16	-5.9	18	-3.3	26	-5.2
13	20	-16	18	-9.1	15	-3.6	20	-8.9	20	-1.9	23	-8.5
14	33	-8.1	19	-8.0	12	-3.6	18	-4.8	15	-0.45	22	-3.7
15	21	-15	19	-11	14	-2.6	23	-7.7	21	-1.9	28	-5.3
16	30	-9.3	18	-11	13	-3.6	20	-3.3	27	-3.3	22	-5.2
17	21	-14	21	-9.0	15	-1.5	18	-4.7	15	-3.3	18	-3.6
18	20	-17	23	-7.9	17	-4.8	18	-4.6	17	-3.3	23	-3.6
19	21	-12	23	-8.9	13	-3.7	19	-3.2	21	-7.5	24	-3.6
20	24	-14	21	-11	14	-3.7	16	-4.6	17	-7.6	26	-5.1
21	23	-9.0	24	-11	12	-5.8	19	-6.0	17	-3.3	22	-3.5
22	29	-13	20	-11	15	-4.8	16	-6.0	21	-3.3	27	1.1
23	25	-10	18	-6.7	12	-3.7	19	-7.4	15	-8.9	28	2.7
24	19	-14	20	-11	13	-2.6	16	-4.6	18	-4.6	22	-0.50
25	29	-10	17	-11	11	-3.7	16	-3.3	18	-6.0	20	-5.2
26	19	-15	21	-11	13	-2.6	21	-6.0	19	-8.8	18	-6.7
27	20	-12	19	-7.7	14	-4.9	15	-4.6	18	-3.2	18	-8.3
28	20	-16	23	-9.8	12	-3.8	18	-1.8	16	-4.6	26	-5.2
29	21	-14	23	-12	15	-3.8	15	-4.7	---	---	19	-6.6
30	17	-14	16	-5.6	11	-5.0	16	-6.1	---	---	21	-5.0
31	21	-12	---	---	14	-5.1	25	-6.1	---	---	22	-11
MONTH	33	-18	30	-15	---	---	25	-8.9	27	-8.9	28	-11
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	27	-5.3	15	-3.0	16	-3.9	18	-8.0	19	-4.7	19	-4.4
2	25	-5.3	16	-5.6	17	-2.7	18	-5.4	15	-4.4	18	-4.4
3	22	-3.6	16	-1.7	15	-3.9	18	-5.3	14	-5.7	14	-5.7
4	26	-2.0	15	-5.7	16	-3.9	16	-1.6	16	-5.6	19	-8.3
5	25	-9.6	18	-4.3	15	-5.0	16	-4.1	18	-0.40	18	-3.0
6	27	-3.5	17	-1.7	16	-3.8	15	-1.6	19	-4.3	16	-4.3
7	24	-5.0	16	-3.0	20	-4.9	14	-5.2	16	-6.8	15	-4.2
8	23	-1.9	15	-5.6	16	-2.9	15	-4.0	17	-8.0	16	-11
9	25	-3.4	16	-4.3	18	-5.3	16	-2.8	17	-4.1	17	-4.2
10	30	-13	15	-6.7	17	-4.0	15	-6.3	16	-4.1	16	-2.9
11	25	-8.0	17	-4.2	14	-4.0	14	-3.9	17	-7.7	18	-9.1
12	31	-3.6	16	-6.7	18	-4.0	14	-3.9	18	-4.0	---	---
13	31	-8.3	15	-4.2	13	-2.8	16	-3.9	17	-4.0	---	---
14	29	-16	16	-2.9	16	-1.6	15	-3.9	16	-3.9	---	---
15	28	-11	13	-6.5	14	-2.7	16	-5.0	15	-6.3	---	---
16	33	-9.5	14	-5.3	14	-2.7	13	-2.6	14	-3.9	---	---
17	28	-7.9	14	-4.0	15	-3.8	12	-4.9	16	-6.2	---	---
18	24	-8.0	16	-5.2	15	-6.1	14	-3.7	15	-3.8	---	---
19	21	-4.9	17	-4.2	17	-6.1	14	-4.8	15	-2.7	---	---
20	26	-1.9	18	-1.6	15	-3.8	13	-5.8	16	-3.8	---	---
21	20	-7.7	14	-2.9	13	-5.1	12	-6.4	15	-3.8	20	-12
22	16	-3.3	15	-2.8	15	-6.3	17	-5.2	16	-7.2	19	-8.1
23	17	-1.9	15	-4.0	16	-3.0	13	-4.1	14	-6.0	19	-11
24	19	-3.2	14	-4.0	16	-5.5	17	-5.4	14	-3.7	20	-5.5
25	17	-6.0	15	-7.5	15	-8.1	16	-5.3	15	-5.0	22	-2.9
26	17	-4.5	16	-5.1	15	-3.0	17	-4.1	15	-5.0	23	-7.0
27	16	-4.5	20	-5.1	18	-3.0	14	-7.8	14	-6.2	22	-5.7
28	18	-3.1	17	-3.9	16	-3.0	13	-4.1	16	-5.3	18	-9.6
29	18	-4.4	18	-3.8	14	-4.2	14	-4.0	16	-4.1	22	-6.9
30	18	-5.6	16	-2.7	16	-4.2	15	-4.0	20	-1.8	22	-8.2
31	---	---	14	-12	---	---	17	-8.4	22	-31	---	---
MONTH	33	-16	20	-12	20	-8.1	18	-8.4	22	-31	---	---

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 May 30 to Aug. 7, which are good, Jan. 7 to Jan. 15, which are poor. Temperature records rated excellent except for Oct. 10 to Oct. 22, and Jan. 8 to Jan. 15, which are good. Dissolved oxygen records rated poor except for Oct. 1 to Nov. 19, which are fair, Feb. 5 to Mar. 5, and July 30 to Sep. 30, which are excellent.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 425 microsiemens, Mar. 11, 2002; minimum, 91 microsiemens, many days in September 2001.

WATER TEMPERATURE: Maximum, 30.1°C, July 20, 2002; minimum, 3.7°C, Jan. 4, 2002.

DISSOLVED OXYGEN: Maximum, 10.3 mg/L, Feb. 20, 2002; minimum, 0.0 mg/L, Aug. 27 and several days in September 2002.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 425 microsiemens, Mar. 11; minimum, 101 microsiemens, Oct. 1.

WATER TEMPERATURE: Maximum, 30.1°C, July 20; minimum, 3.7°C, Jan. 4.

DISSOLVED OXYGEN: Maximum, 10.3 mg/L, Feb. 20; minimum, 0.0 mg/L, Aug. 27 and several days in September.

## SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	102	101	102	118	117	117	142	138	140	155	152	153
2	102	102	102	119	118	118	142	139	141	155	152	153
3	103	102	102	120	119	119	142	139	140	156	152	154
4	104	103	104	121	120	120	140	137	139	157	156	157
5	106	104	105	121	120	121	141	139	140	158	156	157
6	108	106	107	121	121	121	141	138	139	198	157	167
7	108	106	107	124	121	122	140	138	139	243	171	188
8	109	106	107	124	123	124	140	139	140	294	232	267
9	108	107	107	125	124	125	---	---	---	295	183	261
10	108	107	107	126	125	125	142	136	140	326	161	288
11	109	108	108	126	125	126	139	136	138	336	260	300
12	110	109	109	127	126	126	140	138	139	307	230	273
13	111	109	110	127	126	127	141	140	140	314	242	287
14	112	110	111	128	127	127	143	141	142	---	---	---
15	113	110	111	129	128	128	144	142	143	---	---	---
16	112	111	111	130	129	129	142	142	142	384	198	267
17	112	111	111	131	129	130	142	141	142	272	202	230
18	112	111	112	131	130	131	143	142	142	217	194	201
19	113	112	112	134	131	132	145	138	143	200	196	198
20	114	113	113	134	132	132	145	144	145	202	199	200
21	115	114	114	134	132	133	145	144	144	202	198	200
22	116	114	115	133	132	132	146	144	144	202	199	201
23	116	114	115	133	133	133	147	144	145	203	201	202
24	116	115	116	135	133	134	150	145	147	205	202	204
25	118	116	117	136	134	135	150	145	147	206	204	205
26	118	116	117	137	135	136	150	145	147	207	206	206
27	117	115	117	138	137	137	148	145	146	208	207	207
28	117	116	116	138	137	138	148	146	147	210	208	209
29	117	116	116	139	138	138	151	147	149	211	209	210
30	117	116	117	141	139	139	154	150	151	211	210	211
31	117	116	117	---	---	---	154	151	152	212	211	212
MONTH	118	101	111	141	117	128	---	---	---	---	---	---

ASHLEY RIVER BASIN

02172080 ASHLEY RIVER NEAR SUMMERVILLE, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	214	212	213	247	236	243	268	226	245	181	179	180
2	215	213	214	243	237	241	235	226	230	181	179	180
3	214	213	214	243	235	240	245	230	237	181	179	180
4	215	214	214	240	202	215	259	225	235	181	175	177
5	215	210	212	212	196	201	229	223	225	176	174	175
6	211	210	211	212	196	200	226	221	223	175	173	174
7	216	202	212	238	200	215	222	219	221	174	172	172
8	215	203	206	254	214	232	220	217	219	173	171	172
9	211	206	209	286	244	262	223	218	220	173	171	172
10	212	211	212	328	255	295	224	218	221	174	171	172
11	213	211	212	425	238	313	231	202	215	173	168	171
12	220	213	218	288	233	259	213	200	204	175	168	171
13	221	220	220	353	235	275	203	192	198	178	173	176
14	221	220	221	353	239	264	201	190	194	175	172	173
15	225	221	223	294	243	260	199	187	193	173	172	173
16	225	223	224	312	263	281	198	182	189	173	172	172
17	232	225	228	321	283	301	192	183	188	173	172	173
18	236	232	234	317	291	305	189	181	187	174	168	172
19	236	234	235	333	280	301	192	180	186	169	168	168
20	236	230	235	312	268	282	189	179	184	168	167	168
21	238	234	235	309	254	281	186	179	182	168	167	168
22	238	234	237	254	245	249	185	179	182	169	167	168
23	239	233	236	251	246	249	186	173	179	168	167	168
24	240	234	237	254	249	250	182	173	176	169	168	169
25	239	237	238	257	249	253	177	175	176	170	169	170
26	239	237	238	261	252	255	177	174	175	172	170	171
27	243	236	240	260	252	256	177	175	176	173	171	172
28	247	242	245	262	239	248	177	175	177	174	172	173
29	---	---	---	249	241	245	182	176	178	175	173	174
30	---	---	---	252	245	248	180	179	179	177	173	175
31	---	---	---	257	249	253	---	---	---	176	174	175
MONTH	247	202	224	425	196	257	268	173	200	181	167	173
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	175	173	174	181	177	179	184	173	176	200	191	194
2	175	172	173	181	178	179	185	176	178	198	193	195
3	175	173	174	182	179	180	185	178	181	198	187	192
4	176	173	174	183	179	181	187	180	184	196	187	190
5	176	173	174	183	180	181	187	185	186	196	188	192
6	175	172	174	185	180	183	191	186	188	198	192	194
7	176	165	171	187	182	184	194	188	190	200	195	197
8	167	165	166	185	180	183	194	188	191	200	197	198
9	167	164	166	186	182	184	194	189	191	202	198	199
10	167	164	165	186	183	185	195	190	192	201	198	199
11	167	165	166	187	184	186	195	190	193	203	199	201
12	173	165	169	187	185	186	197	192	194	---	---	---
13	175	167	173	188	186	186	197	193	194	---	---	---
14	177	174	176	188	185	186	198	193	196	207	204	206
15	178	170	175	189	186	187	199	195	197	208	205	206
16	173	170	172	189	187	188	201	197	199	207	197	203
17	174	171	173	191	187	189	204	199	201	211	198	201
18	175	173	174	193	189	190	207	183	201	217	200	208
19	178	172	174	193	190	192	215	202	207	217	207	211
20	174	170	172	196	191	193	215	203	211	215	209	212
21	174	170	172	195	168	187	217	208	212	216	210	212
22	172	164	169	181	177	180	218	208	212	216	210	212
23	171	164	166	182	178	181	215	210	212	216	211	213
24	169	164	166	181	178	179	216	210	213	219	213	216
25	172	165	168	182	178	179	215	212	213	220	218	219
26	178	172	176	184	179	182	217	209	213	218	211	215
27	178	176	177	186	182	184	218	210	212	219	213	215
28	177	175	176	189	184	186	212	195	201	223	218	221
29	178	175	177	192	184	188	203	200	201	229	223	225
30	180	176	177	196	187	192	201	188	196	235	218	225
31	---	---	---	198	166	191	198	190	195	---	---	---
MONTH	180	164	172	198	166	185	218	173	198	---	---	---

## ASHLEY RIVER BASIN

02172080 ASHLEY RIVER NEAR SUMMERVILLE, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	18.1	16.3	16.9	13.4	12.2	12.8	17.2	16.7	16.9	7.1	6.2	6.7
2	17.1	16.1	16.6	14.5	13.4	14.0	17.4	17.1	17.2	6.5	5.1	5.8
3	17.2	16.6	16.9	15.6	14.5	15.1	17.2	15.2	16.1	5.1	4.2	4.7
4	17.8	17.2	17.5	16.6	15.6	16.1	15.2	13.8	14.2	4.4	3.7	4.1
5	18.3	17.8	18.1	16.5	15.3	16.0	14.8	14.3	14.6	4.5	3.8	4.1
6	18.8	18.3	18.6	15.3	13.4	14.1	14.8	14.0	14.3	6.7	4.3	5.3
7	19.0	18.4	18.8	13.4	11.8	12.4	14.9	14.5	14.7	6.6	5.8	6.3
8	18.4	16.9	17.4	12.5	11.3	11.8	15.0	14.6	14.8	6.2	5.6	5.9
9	17.4	16.2	16.8	12.6	11.8	12.2	---	---	---	5.7	4.7	5.3
10	17.7	17.2	17.4	12.7	12.0	12.4	15.8	14.9	15.3	6.8	5.4	6.0
11	18.4	17.7	18.1	12.7	11.9	12.3	14.9	14.3	14.5	7.4	6.6	6.9
12	19.0	18.4	18.7	12.9	12.2	12.6	14.6	14.3	14.5	7.8	7.3	7.5
13	19.5	19.0	19.3	12.6	11.7	12.1	15.1	14.6	14.9	8.3	7.8	8.1
14	19.9	19.5	19.7	12.7	12.2	12.5	15.6	15.1	15.4	8.2	7.7	8.0
15	20.1	19.8	20.0	13.4	12.7	13.1	16.2	15.6	15.9	8.3	7.7	8.0
16	20.1	18.7	19.2	14.0	13.4	13.7	16.0	14.8	15.2	8.3	6.9	7.7
17	19.1	16.8	17.6	14.1	13.5	13.9	15.0	14.3	14.6	8.1	7.5	7.9
18	16.8	15.3	15.9	14.0	13.5	13.8	15.6	14.8	15.2	8.0	7.6	7.8
19	16.3	15.5	15.9	14.4	13.9	14.2	14.9	13.4	13.8	8.9	7.9	8.3
20	17.2	16.3	16.8	14.6	14.1	14.4	13.4	11.6	12.5	10.1	8.8	9.3
21	17.8	17.2	17.5	14.6	12.9	13.8	11.6	9.7	10.4	10.0	9.6	9.9
22	18.5	17.8	18.2	12.9	11.3	11.9	9.7	8.2	8.7	9.9	9.0	9.4
23	19.1	18.5	18.8	12.5	12.0	12.2	9.2	8.3	8.7	10.2	9.5	9.8
24	19.7	19.1	19.4	13.4	12.5	13.0	11.1	9.2	10.2	10.6	10.1	10.3
25	20.4	19.7	20.0	14.3	13.4	13.9	10.3	8.8	9.2	11.0	10.5	10.7
26	20.3	17.7	19.1	15.2	14.2	14.7	8.9	7.4	8.3	11.8	11.0	11.4
27	17.7	14.9	16.1	15.9	15.2	15.6	7.4	6.0	6.7	12.2	11.7	11.9
28	14.9	13.1	13.8	16.2	15.9	16.1	6.8	5.5	6.2	12.5	12.0	12.3
29	13.1	11.7	12.3	16.4	16.1	16.3	8.1	6.6	7.2	13.2	12.5	12.9
30	12.2	11.0	11.6	16.7	16.3	16.5	7.9	7.3	7.6	13.6	13.1	13.3
31	12.2	11.3	11.7	---	---	---	7.3	6.4	6.8	14.0	13.5	13.8
MONTH	20.4	11.0	17.2	16.7	11.3	13.8	---	---	---	14.0	3.7	8.4
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	14.8	14.0	14.3	9.6	8.0	8.8	21.3	19.7	20.2	21.5	20.9	21.2
2	15.7	14.6	15.1	10.3	9.2	9.7	20.6	18.9	19.8	22.7	21.4	22.0
3	15.4	13.5	14.1	11.3	10.3	10.7	20.9	20.0	20.4	24.1	22.6	23.2
4	13.5	11.7	12.7	12.2	10.2	11.6	20.9	19.1	20.4	23.6	23.0	23.2
5	11.7	9.7	10.3	10.2	8.0	8.8	19.1	17.2	17.9	23.1	21.7	22.1
6	9.8	8.7	9.1	9.2	7.5	8.2	17.3	15.5	16.2	21.8	20.5	21.2
7	10.1	8.7	9.3	9.9	8.5	9.3	16.3	14.4	15.2	22.3	21.5	21.9
8	10.0	9.3	9.7	11.4	9.8	10.6	15.6	14.7	15.2	23.2	22.2	22.6
9	10.0	9.1	9.6	12.6	11.1	11.7	16.8	15.6	16.2	24.2	23.1	23.6
10	10.7	9.7	10.2	13.9	12.1	12.9	17.6	16.8	17.1	25.0	24.0	24.5
11	12.0	10.7	11.3	14.1	13.3	13.7	19.2	17.5	18.3	25.5	24.8	25.1
12	11.9	10.7	11.3	14.2	13.5	13.7	19.9	19.0	19.3	26.0	24.7	25.4
13	11.3	10.3	10.6	15.4	14.2	14.8	19.9	19.2	19.6	26.4	25.3	25.8
14	10.6	9.7	10.3	16.9	15.1	15.8	20.3	19.6	19.9	26.1	24.4	25.2
15	10.6	9.9	10.2	17.3	16.5	16.9	20.8	20.2	20.4	24.6	22.4	23.3
16	10.9	10.0	10.4	17.9	17.3	17.6	21.0	20.5	20.7	23.4	21.7	22.7
17	11.8	10.1	10.9	19.2	17.8	18.5	21.4	20.8	21.1	23.3	22.1	22.7
18	11.0	9.4	10.0	20.2	19.0	19.6	21.8	21.2	21.4	23.8	22.8	23.4
19	10.0	8.6	9.2	20.7	19.8	20.2	21.6	21.2	21.4	22.8	19.6	21.0
20	11.6	9.4	10.3	20.6	19.9	20.3	22.0	21.3	21.7	19.8	17.9	19.0
21	12.7	11.0	11.8	20.6	18.4	20.0	22.4	21.8	22.1	19.4	17.8	18.7
22	13.0	12.6	12.8	18.4	15.9	17.2	22.8	22.2	22.5	20.1	18.0	19.1
23	13.0	12.3	12.7	15.9	13.9	14.9	22.7	22.0	22.3	20.4	18.4	19.5
24	12.3	11.3	11.9	15.7	13.7	14.6	22.2	20.9	21.4	21.2	19.3	20.4
25	12.1	10.6	11.3	16.8	15.5	16.0	21.9	21.4	21.6	22.4	20.7	21.6
26	12.8	11.3	12.0	17.8	16.7	17.3	21.8	21.2	21.6	23.4	21.9	22.6
27	13.1	10.8	12.1	19.4	17.7	18.5	21.8	21.1	21.4	23.5	22.1	22.9
28	10.8	8.9	9.9	19.4	18.3	18.9	21.2	20.7	21.0	23.5	22.6	23.1
29	---	---	---	18.3	17.2	17.8	22.7	21.2	21.9	23.8	22.7	23.4
30	---	---	---	18.9	18.2	18.6	22.7	21.5	21.9	23.9	23.5	23.7
31	---	---	---	19.7	18.8	19.3	---	---	---	24.9	23.2	24.0
MONTH	15.7	8.6	11.2	20.7	7.5	15.0	22.8	14.4	20.0	26.4	17.8	22.5

ASHLEY RIVER BASIN

02172080 ASHLEY RIVER NEAR SUMMERVILLE, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	26.2	24.5	25.4	27.8	26.9	27.4	28.5	27.5	27.8	24.7	24.5	24.6
2	27.3	25.6	26.4	27.7	26.7	27.3	27.7	26.8	27.3	24.7	24.4	24.6
3	27.7	26.6	27.2	27.7	26.6	27.2	27.5	26.6	27.1	25.0	24.4	24.7
4	27.8	26.6	27.3	27.9	26.7	27.4	27.4	26.6	26.9	25.2	24.6	24.9
5	27.9	26.4	27.2	28.5	27.3	27.9	27.0	26.1	26.6	25.5	25.0	25.2
6	27.6	26.4	27.0	28.8	27.9	28.4	27.2	26.4	26.9	25.8	25.3	25.5
7	27.3	26.5	26.9	29.1	27.8	28.4	27.6	26.4	27.1	25.7	24.9	25.3
8	26.8	25.1	26.0	28.1	26.8	27.5	26.9	25.2	26.0	25.5	24.9	25.2
9	26.4	24.6	25.6	28.2	26.8	27.6	25.9	24.4	25.2	25.3	24.9	25.1
10	26.0	24.0	25.2	28.6	27.3	28.0	25.4	24.1	24.9	25.2	24.4	24.8
11	26.0	24.1	25.2	28.6	27.7	28.0	25.3	24.2	24.8	24.9	24.4	24.8
12	26.8	25.1	26.1	27.8	26.7	27.1	25.4	24.2	24.9	---	---	---
13	27.9	26.0	27.0	26.8	26.0	26.5	25.3	24.6	25.0	---	---	---
14	28.4	27.0	27.8	27.6	26.4	27.0	25.7	25.1	25.4	25.2	24.9	25.1
15	28.8	26.8	27.9	28.3	27.2	27.7	26.6	25.5	26.0	25.3	25.1	25.2
16	27.9	25.7	26.9	28.4	27.5	28.1	27.1	26.3	26.6	25.2	25.1	25.2
17	27.4	26.1	26.8	29.1	28.0	28.5	27.3	26.6	27.0	25.2	25.0	25.1
18	26.7	25.6	26.0	29.2	28.4	28.8	27.5	26.9	27.2	25.2	24.8	25.0
19	26.1	24.9	25.5	29.8	28.4	29.1	27.4	26.9	27.1	25.0	24.9	25.0
20	25.8	24.9	25.3	30.1	29.0	29.6	27.2	26.7	27.0	25.0	24.6	24.8
21	24.9	24.2	24.5	29.7	28.0	28.7	27.1	26.6	26.9	24.7	24.2	24.5
22	24.4	23.6	23.9	28.0	27.1	27.5	27.0	26.4	26.6	24.5	24.1	24.3
23	24.7	23.5	24.1	27.5	26.6	26.9	26.9	26.1	26.6	24.6	24.3	24.4
24	25.6	24.6	25.0	26.7	26.0	26.3	27.5	26.8	27.1	24.5	24.3	24.4
25	25.5	25.2	25.4	27.0	26.0	26.5	27.5	27.2	27.4	24.3	24.0	24.1
26	25.9	24.9	25.4	28.0	26.9	27.4	27.2	26.4	26.7	24.2	24.0	24.1
27	26.6	25.7	26.1	28.2	27.3	27.8	26.6	26.1	26.2	24.5	24.1	24.3
28	27.5	26.2	26.9	28.8	27.9	28.3	26.2	25.5	25.7	24.8	24.4	24.6
29	27.9	26.9	27.4	29.2	28.4	28.8	25.7	25.3	25.4	24.9	24.7	24.8
30	27.9	27.0	27.5	29.4	28.7	29.1	25.4	24.8	24.9	24.8	24.4	24.6
31	---	---	---	29.5	28.5	29.0	24.8	24.5	24.6	---	---	---
MONTH	28.8	23.5	26.2	30.1	26.0	27.9	28.5	24.1	26.3	---	---	---

## ASHLEY RIVER BASIN

02172080 ASHLEY RIVER NEAR SUMMERVILLE, SC--Continued

## OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	3.9	3.4	3.7	4.8	4.2	4.5	3.1	2.6	2.9	8.4	7.3	8.0
2	4.1	3.4	3.9	4.3	3.7	4.0	3.2	2.5	2.7	8.7	7.1	8.1
3	4.2	3.5	3.8	3.8	3.3	3.6	3.9	3.1	3.7	8.9	7.9	8.4
4	4.5	3.4	3.8	3.4	3.0	3.2	4.0	3.4	3.8	8.7	8.0	8.5
5	4.2	3.2	3.5	4.4	3.0	3.9	4.2	3.2	3.8	8.8	7.9	8.4
6	3.3	2.6	3.0	4.8	4.0	4.3	4.5	3.3	3.9	8.8	8.1	8.5
7	4.8	2.5	3.7	4.9	4.4	4.5	4.2	3.0	3.6	9.1	7.9	8.6
8	4.9	3.7	4.2	5.0	4.5	4.7	4.4	3.2	3.7	8.7	7.9	8.3
9	4.9	3.7	4.2	5.1	4.4	4.8	---	---	---	9.0	8.0	8.4
10	5.0	3.6	4.2	5.3	4.6	4.9	4.9	2.5	3.9	9.2	7.8	8.2
11	4.2	3.4	3.6	5.3	4.7	5.0	4.9	4.1	4.5	8.2	7.4	7.8
12	3.4	3.1	3.3	5.7	4.6	5.1	4.6	3.8	4.2	8.0	7.2	7.5
13	3.8	2.9	3.3	5.8	5.1	5.5	3.8	2.9	3.3	7.8	6.7	7.2
14	3.2	2.1	2.6	5.9	5.0	5.4	3.1	2.4	2.7	8.1	6.0	6.8
15	4.0	2.1	2.8	5.2	4.6	4.9	4.5	2.2	2.6	7.8	5.9	6.7
16	3.8	2.5	3.2	5.2	4.3	4.7	4.6	3.8	4.1	7.9	5.3	7.0
17	4.2	3.1	3.6	5.6	4.5	5.0	4.5	3.8	4.2	8.1	6.6	7.5
18	4.4	3.4	3.7	5.4	4.6	5.0	5.3	3.3	4.1	8.2	7.6	8.0
19	4.4	3.5	4.0	5.5	4.4	4.9	5.8	4.8	5.2	8.3	7.6	7.9
20	3.7	3.3	3.4	5.4	4.4	4.9	6.1	4.3	5.5	8.7	7.6	8.0
21	3.3	2.9	3.1	5.7	4.7	5.3	5.1	4.3	4.6	8.2	7.3	7.7
22	3.0	2.1	2.5	5.5	5.0	5.3	5.5	4.8	5.1	7.7	7.0	7.4
23	2.2	1.8	2.0	5.7	4.8	5.2	5.5	5.0	5.3	7.4	6.7	7.1
24	2.0	1.6	1.8	4.9	4.1	4.6	6.4	4.8	5.2	7.0	6.3	6.7
25	1.7	1.1	1.3	4.3	3.5	3.8	6.5	5.7	6.2	6.5	5.8	6.1
26	3.3	1.2	2.9	3.6	3.2	3.4	7.2	5.7	6.5	6.3	5.5	5.9
27	3.8	3.0	3.4	3.4	2.9	3.1	7.5	6.6	7.1	6.2	5.5	5.8
28	4.3	3.6	3.8	3.6	2.8	3.2	7.9	6.8	7.4	6.0	5.1	5.5
29	4.8	4.1	4.3	3.7	2.8	3.2	8.2	7.1	7.5	6.1	5.0	5.5
30	4.9	4.5	4.7	3.6	2.8	3.2	8.2	7.1	7.6	5.7	4.6	5.1
31	5.1	4.5	4.9	---	---	---	8.2	7.5	7.9	5.2	4.3	4.8
MONTH	5.1	1.1	3.4	5.9	2.8	4.4	---	---	---	9.2	4.3	7.3
DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	5.4	4.0	4.7	9.9	9.0	9.3	4.7	3.3	4.0	3.9	2.8	3.2
2	5.9	3.8	4.8	9.4	8.7	9.0	5.3	4.0	4.4	3.7	2.4	3.0
3	6.3	5.7	6.1	8.7	7.8	8.2	4.6	3.4	4.1	3.7	3.0	3.3
4	7.1	5.8	6.5	8.0	6.1	7.0	4.6	3.3	3.9	3.7	2.3	3.2
5	7.9	6.7	7.2	7.5	6.5	6.8	5.2	3.5	4.1	4.1	2.8	3.3
6	7.9	7.4	7.6	8.9	7.5	8.3	6.0	3.6	4.6	4.2	3.4	3.8
7	7.8	6.8	7.3	9.2	8.1	8.7	6.4	4.2	5.2	4.5	3.6	4.1
8	7.4	6.6	7.1	9.4	8.6	9.0	5.8	4.6	5.1	5.0	3.9	4.3
9	7.7	6.8	7.3	9.5	8.7	9.1	5.8	4.3	5.0	5.2	4.0	4.7
10	7.7	6.6	7.2	10.3	8.1	9.1	5.8	3.8	4.8	5.0	4.2	4.7
11	7.9	7.0	7.4	10.2	6.6	8.0	4.2	3.1	3.9	4.6	4.0	4.3
12	8.0	7.1	7.6	7.8	7.2	7.5	4.1	3.3	3.7	4.9	3.8	4.5
13	8.2	7.4	7.8	7.6	6.6	7.1	4.1	3.5	3.8	4.9	4.3	4.5
14	8.5	7.9	8.2	8.2	6.8	7.3	3.9	3.2	3.6	5.2	3.8	4.4
15	8.5	7.7	8.1	7.9	6.5	7.3	3.6	2.6	3.1	5.5	3.6	4.4
16	8.7	7.4	8.2	7.8	6.7	7.2	3.2	2.4	2.9	5.3	4.2	4.6
17	9.2	7.7	8.7	7.8	6.3	7.1	2.9	2.2	2.6	5.5	4.0	4.7
18	9.3	8.6	8.9	7.3	5.6	6.4	2.5	0.9	1.7	5.0	3.5	4.1
19	9.3	8.9	9.1	6.8	4.8	5.6	1.4	0.8	1.1	4.6	3.7	4.1
20	10.3	8.6	9.3	5.3	4.5	4.9	1.0	0.5	0.8	5.7	3.8	4.5
21	10.0	9.0	9.6	5.5	4.2	4.7	0.8	0.5	0.6	6.2	5.0	5.4
22	9.9	8.7	9.2	6.0	4.3	4.9	0.7	0.4	0.6	7.0	5.6	6.3
23	8.9	7.8	8.3	8.4	5.8	6.3	1.7	0.5	1.2	7.2	6.1	6.7
24	8.1	7.3	7.6	8.8	6.4	7.4	2.1	0.9	1.7	7.4	6.0	6.7
25	8.3	7.7	7.9	9.0	6.2	7.3	1.9	1.3	1.6	6.9	5.7	6.4
26	8.8	7.4	8.1	8.2	6.1	7.1	2.9	1.3	2.4	6.6	5.4	6.1
27	9.3	8.2	8.8	8.2	5.1	6.5	3.1	2.1	2.6	6.4	5.1	5.9
28	9.5	8.8	9.1	6.2	4.7	5.2	3.0	2.2	2.5	6.2	4.5	5.5
29	---	---	---	6.7	4.6	5.5	2.8	1.9	2.2	5.9	4.5	5.2
30	---	---	---	6.2	4.4	4.9	4.3	2.2	3.3	5.0	3.7	4.4
31	---	---	---	5.3	4.2	4.7	---	---	---	5.1	3.5	4.3
MONTH	10.3	3.8	7.8	10.3	4.2	7.0	6.4	0.4	3.0	7.4	2.3	4.7

ASHLEY RIVER BASIN

02172080 ASHLEY RIVER NEAR SUMMERVILLE, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	5.3	3.8	4.6	6.1	3.9	4.8	4.0	1.9	2.5	1.3	0.1	0.8
2	5.7	3.8	4.7	6.0	4.1	5.0	3.4	1.5	2.5	1.5	0.1	0.8
3	4.7	3.6	4.3	5.7	4.1	4.8	4.0	2.5	3.3	1.9	0.0	0.9
4	4.8	3.3	4.1	6.1	4.1	5.1	4.3	2.4	3.3	2.0	0.0	0.8
5	4.8	3.3	4.2	5.6	3.8	4.7	4.0	2.1	2.9	2.0	0.0	0.9
6	4.9	3.4	4.1	5.1	3.5	4.1	3.8	1.5	2.9	2.0	0.0	0.7
7	4.3	3.1	3.6	5.8	3.1	4.3	4.8	1.9	3.3	2.9	0.8	1.5
8	5.0	3.0	4.0	5.0	3.2	4.2	4.7	2.3	3.5	2.2	0.5	1.4
9	5.5	3.0	4.6	5.0	3.1	4.2	4.8	2.7	3.7	2.2	0.2	1.2
10	5.9	3.6	4.9	5.3	2.8	4.2	5.3	3.1	4.1	2.7	0.5	1.6
11	5.9	3.9	5.2	4.1	2.8	3.5	5.0	3.0	3.9	2.4	0.1	1.3
12	5.4	4.0	5.0	4.1	2.3	3.0	4.7	3.2	3.9	---	---	---
13	5.7	3.7	4.8	3.5	2.4	2.9	4.5	2.9	3.6	---	---	---
14	5.1	3.6	4.4	4.0	2.1	3.3	3.9	1.7	2.9	1.7	0.1	0.6
15	5.4	3.1	4.3	4.2	2.4	3.3	4.2	1.4	2.3	1.7	0.1	0.6
16	5.4	3.0	4.3	4.2	2.8	3.6	2.4	1.1	1.6	1.2	0.0	0.5
17	5.3	3.6	4.2	4.0	2.2	3.1	2.1	0.6	1.3	1.0	0.0	0.4
18	4.5	3.0	3.8	4.2	2.5	3.3	0.9	0.1	0.5	1.5	0.0	0.4
19	5.3	2.6	3.8	4.1	2.8	3.5	0.6	0.1	0.1	1.2	0.0	0.4
20	5.1	3.6	4.3	4.1	2.2	2.9	0.4	0.1	0.1	1.6	0.1	0.6
21	4.7	2.9	3.7	4.5	2.1	3.3	1.0	0.1	0.3	1.9	0.1	0.7
22	4.4	3.3	3.8	3.7	2.1	2.6	1.0	0.1	0.3	1.8	0.1	0.8
23	4.9	3.2	4.2	3.5	2.4	2.8	1.4	0.1	0.8	1.0	0.1	0.5
24	5.0	3.8	4.4	3.3	2.2	2.6	1.4	0.1	0.7	1.4	0.3	0.7
25	5.2	3.7	4.6	4.0	2.2	3.4	1.1	0.1	0.4	1.6	0.2	0.7
26	4.9	3.4	4.2	4.3	2.5	3.5	1.1	0.1	0.3	0.8	0.2	0.4
27	5.4	3.2	4.4	3.9	2.9	3.4	0.6	0.0	0.1	0.9	0.2	0.3
28	6.3	3.2	5.0	3.8	2.8	3.3	1.9	0.1	0.8	1.7	0.3	0.5
29	6.5	4.0	5.1	3.5	2.9	3.2	2.2	0.1	1.1	0.4	0.3	0.3
30	6.4	3.9	4.9	3.5	2.1	2.8	2.2	1.1	1.7	0.6	0.3	0.4
31	---	---	---	4.0	1.5	2.4	2.8	0.2	1.0	---	---	---
MONTH	6.5	2.6	4.4	6.1	1.5	3.6	5.3	0.0	1.9	---	---	---



## ASHLEY RIVER BASIN

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, 14.82 ft, Aug. 7; minimum gage height, 7.99 ft, Jan. 8, 20.

## GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	13.91	8.40	11.66	13.77	8.57	11.31	13.80	8.39	11.11	13.67	8.22	10.73
2	13.92	8.97	11.79	13.75	8.54	11.24	13.89	8.39	11.12	13.76	8.21	10.82
3	13.89	8.98	11.81	13.72	8.48	11.13	14.09	8.39	11.29	13.96	8.48	11.21
4	13.59	8.68	11.43	13.60	8.37	11.01	14.03	8.43	11.30	13.15	8.11	10.36
5	13.57	8.49	11.17	13.94	8.56	11.44	13.85	8.44	11.20	13.20	8.28	10.70
6	13.41	8.49	10.97	13.96	8.62	11.44	13.58	8.25	10.84	13.07	8.10	10.47
7	13.65	8.54	11.22	13.53	8.38	11.01	13.34	8.27	10.79	12.31	8.02	9.64
8	13.71	8.47	11.29	13.58	8.29	10.90	13.51	8.45	11.12	12.41	7.99	9.87
9	13.79	8.67	11.47	13.51	8.31	10.93	13.30	8.47	11.14	12.82	8.08	10.00
10	13.84	8.59	11.44	13.60	8.56	11.35	14.07	8.59	11.99	12.63	8.02	9.82
11	13.89	8.58	11.49	13.56	8.54	11.34	13.89	8.84	11.40	12.72	8.04	9.82
12	13.82	8.53	11.50	14.07	8.59	11.76	13.77	8.31	11.19	13.11	8.03	10.31
13	14.27	8.68	11.76	14.33	8.98	12.00	14.07	8.48	11.37	12.85	8.27	10.23
14	14.23	9.04	12.03	14.26	8.82	11.77	13.87	8.38	11.11	13.16	8.12	10.37
15	14.32	8.88	11.77	14.43	8.63	11.80	13.47	8.28	10.73	12.85	8.17	10.15
16	14.42	9.12	12.17	14.32	8.73	11.77	13.85	8.36	11.08	12.95	8.13	10.19
17	14.29	8.86	11.87	14.06	8.62	11.46	13.77	8.47	11.17	12.78	8.22	10.14
18	14.31	8.73	11.81	13.80	8.50	11.23	12.95	8.19	10.32	12.27	8.14	9.91
19	14.30	8.85	11.86	13.73	8.52	11.21	13.39	8.37	10.77	12.86	8.20	10.27
20	13.90	8.64	11.47	13.26	8.41	10.84	12.74	8.11	10.09	12.28	7.99	9.73
21	13.89	8.46	11.31	13.57	8.61	11.15	12.64	8.27	10.35	12.39	8.23	10.16
22	---	---	---	13.16	8.58	11.01	12.85	8.47	10.64	12.47	8.24	10.12
23	---	---	---	12.93	8.54	10.80	12.74	8.51	10.79	12.86	8.15	10.38
24	13.33	8.71	11.24	12.75	8.51	10.75	12.65	8.25	10.30	12.82	8.07	10.16
25	12.76	8.48	10.78	12.84	8.39	10.68	12.72	8.15	10.73	12.81	8.03	10.16
26	12.39	8.30	10.42	12.91	8.32	10.63	13.33	8.39	10.83	13.42	8.19	10.82
27	13.04	8.32	10.83	12.98	8.31	10.69	12.95	8.07	10.28	13.58	8.23	10.79
28	13.33	8.47	11.05	13.25	8.29	10.84	13.16	8.14	10.65	13.54	8.17	10.57
29	13.33	8.71	11.25	13.47	8.35	10.98	13.41	8.26	10.70	13.51	8.16	10.53
30	13.41	8.62	11.24	13.76	8.43	11.10	13.55	8.16	10.74	13.57	8.19	10.57
31	13.51	8.57	11.23	---	---	---	13.78	8.27	10.87	13.62	8.24	10.68
MONTH	---	---	---	14.43	8.29	11.19	14.09	8.07	10.90	13.96	7.99	10.31

ASHLEY RIVER BASIN

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02172081 ASHLEY RIVER AT COOKE CROSSROADS, SC--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	13.44	8.27	10.68	13.55	8.34	10.89	14.06	8.44	11.24	13.71	8.15	10.81
2	13.15	8.21	10.65	14.06	8.60	11.62	13.95	8.58	11.34	13.29	8.06	10.43
3	13.53	8.49	11.18	13.58	8.34	10.87	13.71	8.38	11.02	12.50	8.04	9.93
4	13.22	8.14	10.55	13.06	8.17	10.13	12.87	8.40	10.76	12.65	8.29	10.57
5	12.90	8.11	10.43	12.78	8.24	10.20	13.44	8.80	11.44	12.72	8.28	10.67
6	13.24	8.20	10.86	12.89	8.18	10.30	13.34	8.74	11.24	12.98	8.55	10.97
7	13.66	8.41	10.87	12.77	8.18	10.29	13.23	8.67	11.19	12.86	8.34	10.66
8	12.89	8.16	10.41	12.75	8.18	10.40	13.09	8.54	10.94	12.76	8.24	10.41
9	13.26	8.28	10.79	13.01	8.18	10.39	12.95	8.28	10.50	12.94	8.25	10.47
10	13.49	8.34	10.86	12.96	8.18	10.27	12.80	8.19	10.34	12.99	8.20	10.43
11	12.73	8.23	10.20	13.04	8.19	10.70	13.18	8.38	10.82	13.52	8.21	10.56
12	13.31	8.22	10.64	13.40	8.48	11.00	13.25	8.42	10.87	13.48	8.32	10.86
13	13.05	8.27	10.50	13.22	8.36	10.68	13.36	8.37	10.82	13.26	8.16	10.52
14	13.24	8.31	10.74	12.83	8.23	10.26	13.32	8.33	10.82	13.49	8.17	10.31
15	13.27	8.55	11.01	12.90	8.30	10.44	13.29	8.22	10.56	13.54	8.28	10.74
16	12.94	8.30	10.53	12.64	8.23	10.26	13.10	8.23	10.51	13.49	8.24	10.66
17	12.65	8.15	9.97	12.96	8.26	10.18	13.16	8.18	10.49	13.24	8.17	10.43
18	12.53	8.31	10.25	13.08	8.24	10.54	13.05	8.14	10.36	13.19	8.11	10.29
19	12.74	8.31	10.35	12.81	8.40	10.58	12.95	8.17	10.40	13.26	8.57	11.03
20	12.80	8.27	10.47	13.37	8.43	10.91	12.85	8.14	10.29	13.72	8.83	11.71
21	12.64	8.07	10.04	12.93	8.46	10.71	13.10	8.28	10.82	13.72	8.72	11.73
22	12.68	8.07	10.21	13.46	8.74	11.16	13.03	8.23	10.56	14.31	8.85	12.09
23	13.10	8.15	10.71	13.32	8.38	11.14	13.66	8.09	11.19	14.34	8.93	12.10
24	13.61	8.33	11.23	13.27	8.30	10.86	13.80	8.68	11.54	14.12	8.44	11.53
25	13.85	8.42	11.22	13.38	8.24	10.83	13.74	8.52	11.42	14.08	8.36	11.21
26	14.01	8.36	11.22	13.53	8.26	11.00	14.27	8.46	11.32	14.15	8.35	11.15
27	13.04	8.14	10.32	13.74	8.40	11.08	14.11	8.49	11.56	14.15	8.50	11.33
28	13.59	8.16	10.63	14.38	8.64	11.66	14.11	8.29	11.18	14.24	8.67	11.54
29	---	---	---	14.38	8.91	11.95	13.71	8.02	10.49	14.44	8.90	11.91
30	---	---	---	14.44	8.71	11.81	13.50	8.35	10.93	14.27	8.67	11.61
31	---	---	---	14.21	8.81	11.63	---	---	---	13.85	8.65	11.35
MONTH	14.01	8.07	10.63	14.44	8.17	10.80	14.27	8.02	10.90	14.44	8.04	10.97
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	13.40	8.52	11.01	12.81	8.32	10.60	13.26	8.72	11.26	13.42	8.67	11.34
2	13.14	8.48	10.90	12.74	8.31	10.63	13.79	8.73	11.60	14.10	8.80	11.76
3	13.36	8.50	11.33	12.79	8.22	10.53	13.90	8.78	11.73	14.29	9.00	12.11
4	13.38	8.93	11.60	12.96	8.24	10.67	13.83	8.73	11.68	14.12	8.63	11.72
5	13.31	8.54	11.33	13.08	8.20	10.68	14.31	8.56	11.66	14.05	8.38	11.38
6	13.24	8.48	11.08	13.45	8.26	10.89	14.48	8.76	11.96	14.45	8.64	11.59
7	13.45	8.33	10.95	13.87	8.45	11.25	14.82	9.10	12.29	14.39	8.92	11.98
8	14.09	8.72	11.64	13.56	8.23	10.93	14.76	9.10	12.35	14.39	8.88	11.97
9	14.29	8.80	11.76	13.55	8.17	10.68	14.76	9.04	12.28	14.21	8.89	11.89
10	14.15	8.53	11.58	13.42	8.07	10.39	14.65	8.92	12.12	14.27	8.95	12.01
11	14.03	8.46	11.34	13.75	8.08	10.33	14.40	8.82	11.85	14.13	8.80	11.83
12	14.01	8.35	11.18	13.92	8.53	11.28	14.15	8.68	11.61	14.40	8.69	11.94
13	13.97	8.35	11.13	14.25	8.53	11.52	13.80	8.67	11.48	13.89	8.71	11.61
14	13.91	8.39	11.18	14.06	8.25	11.02	13.78	8.52	11.43	13.53	8.48	11.15
15	13.78	8.46	11.21	13.31	8.33	10.83	13.62	8.39	11.23	13.40	8.44	11.00
16	13.89	8.70	11.51	13.44	8.45	11.18	13.42	8.24	10.94	13.04	8.28	10.74
17	13.82	8.77	11.59	13.48	8.36	11.17	13.30	8.17	10.73	13.56	8.28	10.88
18	13.66	8.78	11.56	13.80	8.37	11.36	13.38	8.14	10.63	13.74	8.54	11.30
19	13.91	8.54	11.64	13.69	8.25	11.09	13.62	8.23	10.80	13.87	8.70	11.50
20	14.01	8.56	11.61	13.77	8.14	10.85	13.49	8.24	10.85	13.86	8.81	11.62
21	14.16	8.51	11.51	13.97	8.28	11.12	13.63	8.28	10.87	13.80	8.85	11.65
22	14.17	8.81	11.73	13.86	8.29	11.13	13.71	8.39	11.06	13.78	9.00	11.74
23	13.91	8.36	11.23	13.63	8.20	10.86	13.38	8.33	10.95	---	---	---
24	13.87	8.25	10.96	13.39	8.24	10.73	13.27	8.39	10.80	---	---	---
25	13.72	8.27	10.91	13.40	8.15	10.49	13.25	8.47	10.93	13.92	9.01	11.89
26	13.72	8.25	10.77	13.40	8.20	10.54	13.34	8.73	11.31	13.94	9.06	11.91
27	13.42	8.17	10.49	13.35	8.34	10.69	13.03	8.55	10.95	13.49	8.87	11.51
28	13.07	8.11	10.15	12.93	8.28	10.45	13.04	8.58	11.05	13.46	8.54	11.21
29	12.69	8.16	10.03	12.79	8.22	10.28	13.13	8.45	10.88	13.71	8.75	11.49
30	12.70	8.20	10.30	12.71	8.25	10.36	13.43	8.68	11.37	14.12	8.95	11.95
31	---	---	---	12.93	8.28	10.75	13.37	8.55	11.19	---	---	---
MONTH	14.29	8.11	11.17	14.25	8.07	10.82	14.82	8.14	11.35	---	---	---

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1992 to 1995, 2000 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: September 1992 to September 1995, May 2000 to current year.

SALINITY: September 1992 to September 1995.

WATER TEMPERATURE: September 1992 to September 1995, May 2000 to current year.

DISSOLVED OXYGEN: September 1992 to September 1995, May 2000 to current year.

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

REMARKS.--Specific conductance records rated excellent except for Oct. 1 to Oct. 22, Mar. 5 to Apr. 5, and July 8 to Sep. 30, which are good. Temperature records rated excellent. Dissolved oxygen records rated poor except for Aug. 20 to Sep. 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, 11,200 microsiemens, Dec.10; minimum, 492 microsiemens, Mar. 23.

WATER TEMPERATURE: Maximum, 33.3°C, July 20; minimum, 2.9°C, Jan. 5.

DISSOLVED OXYGEN: Maximum, 14.9 mg/L, July 9; minimum, 1.8 mg/L, July 15.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	3320	1520	2400	7220	5660	6390	10200	8710	9370	10300	8910	9440
2	3550	1640	2620	7450	5790	6540	10400	8860	9500	10500	8880	9500
3	3690	1900	2840	7620	5900	6660	10600	8950	9670	10200	8700	9490
4	3820	1820	2840	7710	5960	6760	10800	9040	9820	9930	8120	9050
5	3960	1210	2690	7940	6170	7040	10800	9160	9920	9460	8070	8970
6	4100	2280	3110	8080	6340	7190	10800	9200	9960	9330	6770	8510
7	4280	2600	3360	7840	6400	7130	10700	9440	10100	8700	5760	7350
8	4430	2540	3510	7770	6460	7130	10700	9510	10200	7940	5240	6810
9	4680	2890	3720	7750	6580	7180	10800	9590	10300	7460	5070	6480
10	4770	2870	3800	7880	6760	7300	11200	9760	10500	7150	4760	6100
11	4860	3020	3930	8060	6900	7460	10600	9290	9920	6830	4860	6010
12	4980	3190	4080	8370	6950	7690	10000	9050	9520	7130	4850	6140
13	5400	3300	4340	8890	7230	8050	9760	9050	9430	6800	4420	5860
14	5550	3680	4660	9190	7320	8200	9550	9090	9360	6410	3800	5400
15	5630	3600	4610	9570	7440	8410	9550	8990	9310	6110	3200	4750
16	5840	3930	4950	9750	7380	8650	9790	9020	9360	5670	2790	4400
17	6070	4020	5060	9830	7700	8700	9940	9050	9440	5430	2950	4320
18	6370	4150	5230	9860	7780	8770	9840	8950	9300	5260	2980	4160
19	6570	4310	5400	9890	7910	8890	9790	9000	9400	5220	3290	4360
20	6580	4250	5390	9900	8020	8890	9720	9050	9360	5100	3040	4070
21	6720	4440	5490	---	---	---	9650	9100	9390	5160	3560	4360
22	---	---	---	---	---	---	9570	9150	9400	5170	3630	4370
23	---	---	---	9800	8420	9070	9550	9160	9400	5180	3700	4430
24	6440	4750	5600	9720	8480	9090	9560	9160	9360	5080	3640	4390
25	6300	4840	5520	9650	8460	9060	9490	9130	9350	5090	3730	4450
26	6180	4810	5460	9510	8480	9030	9410	9170	9320	5380	3970	4710
27	6320	4930	5660	9420	8520	9030	9380	9110	9250	5700	4100	4850
28	6460	5150	5800	9450	8500	9040	9340	9050	9220	5990	4160	4940
29	6570	5330	5960	9620	8640	9130	9520	9000	9240	6330	4340	5120
30	6740	5380	6070	9920	8720	9260	9780	8950	9290	6710	4520	5340
31	6940	5550	6210	---	---	---	10100	8950	9390	7060	4740	5620
MONTH	---	---	---	---	---	---	11200	8710	9560	10500	2790	5930

## 02172081 ASHLEY RIVER AT COOKE CROSSROADS, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7210	4970	5850	5910	3680	4580	3550	677	1840	5940	3380	4460
2	7230	5110	6050	6350	2060	4750	2890	593	1620	5830	3500	4450
3	7590	5510	6520	5520	795	3050	2580	594	1380	5520	3420	4300
4	7600	5530	6410	3710	676	1700	2100	591	1210	5360	3410	4350
5	7310	5490	6420	2630	699	1390	2290	632	1420	5180	3480	4380
6	7510	5730	6660	2480	715	1360	2280	619	1380	4980	3510	4390
7	7420	3080	5940	2220	731	1310	2260	698	1420	4820	3620	4300
8	5950	1620	3980	2100	779	1330	2280	733	1410	4680	3620	4220
9	5270	1560	3700	2110	798	1340	2310	779	1370	4640	3790	4260
10	4690	1740	3480	2080	794	1310	2260	817	1390	4800	3910	4320
11	4180	1900	2960	2170	787	1430	2410	844	1520	5190	3990	4440
12	3860	1980	3060	2360	826	1540	2430	754	1510	5450	4110	4620
13	3790	2000	3040	2330	729	1380	2530	700	1470	5490	4210	4670
14	3920	2330	3160	2020	607	1130	2590	716	1500	5360	4190	4640
15	4070	2540	3330	2030	580	1140	2600	707	1430	5380	4270	4800
16	4050	2550	3260	2000	605	1080	2560	777	1480	5410	4370	4850
17	4020	2400	3130	2000	605	1050	2660	803	1530	5420	4520	4890
18	4040	2570	3260	2140	660	1200	2690	846	1530	5510	4410	4890
19	4130	2680	3330	2090	711	1230	2660	820	1550	5160	3670	4540
20	4150	2780	3450	2400	742	1420	2600	877	1560	4740	4220	4470
21	4150	2610	3310	2300	705	1350	2810	923	1830	4650	4450	4530
22	3980	2600	3350	2380	620	1420	2760	1020	1880	5290	4450	4730
23	3970	2710	3490	2210	492	1250	3620	1210	2370	5880	4500	5000
24	4270	2850	3690	2030	507	1100	4140	1610	2810	6220	4500	5120
25	4670	3020	3840	2020	538	1140	4450	1860	3040	6640	4630	5290
26	5120	3140	4050	2170	577	1280	5270	2040	3330	7150	4760	5530
27	4950	3250	3920	2510	673	1400	5430	2400	3800	7470	4900	5880
28	5570	3320	4220	3130	754	1720	5480	2650	3900	7700	5250	6300
29	---	---	---	3330	881	2030	5520	1400	3510	8000	5520	6780
30	---	---	---	3600	1000	2200	5620	3180	4280	8170	5590	6810
31	---	---	---	3790	1080	2310	---	---	---	7900	5730	6800
MONTH	7600	1560	4170	6350	492	1670	5620	591	2010	8170	3380	4940
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7600	5910	6740	4730	4120	4460	5780	2100	4690	4330	2500	3730
2	7320	6010	6710	4620	4080	4420	5430	2180	4230	3920	2160	3340
3	7200	6130	6830	4530	3940	4400	5060	1840	4260	3610	1930	3020
4	7420	6360	6970	4520	4230	4440	4850	2500	4180	3270	1730	2690
5	7520	6390	7000	4620	4050	4490	4890	2700	4050	2970	1880	2470
6	7670	6480	7050	4940	4050	4580	5420	3320	4500	2690	2150	2440
7	7600	6310	6990	5400	3980	4760	---	---	---	2670	2340	2490
8	8080	6370	7160	5580	4600	4900	---	---	---	2820	2430	2580
9	8520	6530	7450	5880	4670	5010	---	---	---	3030	2470	2700
10	8700	6620	7580	6140	4790	5130	---	---	---	3310	2540	2860
11	8990	6750	7710	6220	4930	5240	---	---	---	3520	2610	3000
12	9310	7040	7910	6590	5050	5560	---	---	---	3880	2700	3190
13	9390	7240	8190	6900	5200	5900	---	---	---	3890	2820	3300
14	9600	7500	8440	7060	5300	5950	---	---	---	3890	2910	3330
15	9740	7300	8640	6820	5400	6040	---	---	---	3640	2340	3120
16	10000	8040	9050	7190	5630	6360	---	---	---	3200	1400	2490
17	10300	8250	9330	7560	5940	6660	---	---	---	2900	1250	2180
18	10400	8030	9470	7940	6140	7000	---	---	---	2680	1390	2220
19	10600	8030	9620	8150	6370	7150	---	---	---	2640	1620	2270
20	10600	8340	9630	8390	6560	7300	---	---	---	2750	1790	2350
21	10400	8110	9410	8670	6650	7500	8030	6330	7130	2890	1920	2440
22	10200	7420	8980	8280	6640	7430	7930	6620	7290	3060	2030	2560
23	9200	6070	7750	7950	6700	7310	7860	6730	7350	---	---	---
24	8340	6080	7320	7490	6080	6950	7810	6810	7370	---	---	---
25	7820	5770	6920	7090	5930	6530	7810	6440	7090	3510	2360	2920
26	7150	4640	6350	6810	5870	6400	7190	6480	6840	3290	2070	2750
27	6380	3760	5440	6580	5850	6320	6880	6340	6620	2960	1920	2530
28	5710	3670	4870	6430	6050	6270	6570	5850	6240	2750	1720	2360
29	5270	3380	4600	6330	4000	6010	6140	4920	5730	2600	1730	2340
30	4950	3650	4520	6220	4060	5990	5600	4480	5020	2490	1850	2330
31	---	---	---	6220	4720	5890	4720	2980	4190	---	---	---
MONTH	10600	3380	7490	8670	3940	5880	---	---	---	---	---	---

## ASHLEY RIVER BASIN

02172081 ASHLEY RIVER AT COOKE CROSSROADS, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	16.0	13.0	14.5	19.1	18.1	18.7	8.7	6.2	7.4
2	20.1	17.3	18.9	17.2	14.9	16.0	19.0	17.8	18.4	7.9	5.2	6.5
3	20.0	17.5	18.9	17.8	16.0	16.9	18.5	16.1	17.1	6.6	4.5	5.6
4	20.1	17.5	19.1	18.0	16.5	17.2	16.7	13.9	15.5	5.9	3.6	4.7
5	20.2	17.9	19.3	17.6	15.4	16.5	16.6	14.4	15.6	5.4	2.9	4.3
6	20.7	18.7	19.8	16.3	13.4	14.9	16.3	14.1	15.3	6.4	4.0	5.4
7	20.5	18.6	19.5	14.6	11.3	13.3	16.7	14.7	15.7	6.8	5.4	6.1
8	19.3	16.6	18.1	14.5	11.0	12.8	17.3	15.1	16.2	6.8	4.8	5.7
9	18.9	16.0	17.6	15.1	12.0	13.5	18.4	16.8	17.5	6.8	4.4	5.4
10	19.5	17.0	18.3	15.5	12.8	14.0	17.8	16.4	17.3	8.4	5.4	6.8
11	20.7	18.2	19.4	15.6	13.2	14.2	16.5	15.7	16.1	9.7	7.4	8.5
12	21.1	19.3	20.1	15.4	13.4	14.5	16.3	15.2	15.8	10.2	8.3	9.2
13	22.1	20.0	20.9	14.8	13.2	14.1	17.0	15.8	16.4	9.8	8.7	9.3
14	22.2	20.8	21.5	14.7	13.2	14.1	17.7	16.5	17.1	9.3	7.3	8.3
15	21.8	20.7	21.3	15.1	13.9	14.6	17.8	17.2	17.6	8.8	7.2	8.2
16	21.6	19.3	20.3	15.3	14.3	14.9	17.3	15.3	16.1	8.8	6.4	7.6
17	20.5	17.3	18.5	15.3	14.0	14.7	16.3	14.5	15.6	8.7	6.7	7.9
18	18.4	15.0	16.6	14.9	13.5	14.4	16.3	15.0	15.7	8.6	6.8	7.9
19	17.3	14.8	16.4	15.4	13.9	14.7	15.5	13.0	14.2	10.9	8.2	9.4
20	18.0	15.9	17.1	15.5	13.9	14.8	14.0	11.5	12.6	11.2	10.3	10.7
21	19.0	16.9	18.0	15.0	13.2	14.2	12.4	9.3	10.8	10.8	9.6	10.3
22	---	---	---	13.8	11.4	12.9	10.9	8.0	9.6	10.7	8.6	9.8
23	---	---	---	14.0	12.3	13.1	11.1	8.6	10.0	12.5	9.7	11.2
24	21.6	19.8	20.7	15.8	13.6	14.7	12.0	10.6	11.3	14.6	12.3	13.4
25	22.8	21.0	21.8	17.3	15.7	16.5	11.1	9.4	10.3	14.8	14.1	14.5
26	21.0	18.3	20.0	18.5	17.0	17.7	10.7	8.3	9.7	14.1	13.2	13.6
27	18.3	16.1	17.4	18.9	17.7	18.3	9.0	7.0	7.9	14.7	13.1	13.9
28	16.5	14.2	15.4	19.0	17.7	18.2	9.0	6.1	7.6	15.4	14.2	14.8
29	15.4	12.8	14.2	19.0	17.5	18.3	9.8	7.3	8.5	15.5	13.5	14.6
30	14.8	11.8	13.4	19.1	17.6	18.4	9.6	8.0	8.8	16.1	14.3	15.2
31	15.1	11.7	13.4	---	---	---	8.9	6.7	7.9	16.8	15.4	16.1
MONTH	---	---	---	19.1	11.0	15.2	19.1	6.1	13.8	16.8	2.9	9.4
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	17.8	16.2	17.0	10.2	6.2	8.6	21.4	20.0	20.8	23.2	21.1	22.5
2	17.6	15.5	16.7	11.1	8.3	9.7	21.4	18.6	20.4	25.3	22.2	24.0
3	16.0	13.3	14.7	14.4	11.1	12.6	21.9	19.6	21.0	26.0	24.1	25.1
4	14.4	11.4	13.3	13.5	9.8	12.1	21.7	19.4	20.9	25.3	23.5	24.5
5	12.1	9.6	10.9	11.3	7.2	9.6	20.7	18.0	19.5	24.2	21.8	23.3
6	11.0	9.1	10.0	11.5	7.5	9.7	19.8	17.0	18.6	24.6	21.4	23.0
7	11.2	9.4	10.8	12.9	9.5	11.3	19.6	16.8	18.0	25.7	22.9	24.1
8	12.1	10.1	11.0	14.6	11.9	13.2	19.6	16.8	18.1	27.0	23.6	25.2
9	12.4	10.0	11.1	16.8	14.0	15.3	21.2	17.9	19.5	28.3	24.8	26.5
10	13.7	11.4	12.6	18.8	16.3	17.3	20.8	19.9	20.3	28.6	25.8	27.3
11	14.0	12.7	13.3	17.4	15.1	15.9	21.2	19.3	20.3	28.3	26.3	27.4
12	13.3	10.9	12.3	16.5	14.1	15.4	21.6	19.8	20.8	28.7	25.7	27.4
13	12.9	10.0	11.3	16.8	15.1	16.1	21.6	19.7	20.8	28.8	25.8	27.5
14	12.0	9.4	10.9	17.8	14.8	16.4	22.5	20.0	21.3	28.5	24.6	26.3
15	11.9	9.4	10.7	18.6	15.9	17.4	23.0	20.5	21.9	26.7	22.1	24.4
16	11.5	9.5	10.8	19.3	16.7	18.1	23.8	20.8	22.5	25.4	21.2	23.7
17	11.7	9.1	10.5	20.4	18.2	19.3	24.3	21.5	23.3	25.2	21.7	23.9
18	11.0	8.1	9.8	21.7	19.4	20.4	25.0	22.3	23.9	25.9	23.3	24.8
19	10.2	7.4	9.3	21.1	19.8	20.6	25.4	22.4	24.2	24.1	19.6	22.1
20	12.5	9.6	11.0	21.8	19.8	21.0	26.7	23.4	25.3	22.0	18.8	20.7
21	14.6	12.2	13.4	21.4	19.0	20.5	27.6	24.8	26.3	21.9	19.0	20.5
22	14.1	12.6	13.4	19.6	16.1	18.4	28.2	25.5	26.8	22.1	19.6	20.8
23	13.9	12.3	13.2	17.7	14.0	16.2	27.0	24.8	25.8	22.7	20.1	21.3
24	13.7	11.8	12.7	17.9	14.1	16.0	25.9	23.7	24.8	23.9	20.3	22.0
25	13.5	11.0	12.3	19.2	15.8	17.5	26.0	23.4	24.8	24.8	21.5	23.2
26	14.0	11.4	12.8	20.5	17.6	19.1	25.5	22.9	24.1	25.4	22.3	23.9
27	13.9	10.7	12.2	21.4	19.4	20.4	24.6	21.8	23.0	25.2	22.4	24.1
28	11.7	7.5	9.5	21.2	19.2	20.2	24.3	21.3	23.0	25.1	22.7	24.2
29	---	---	---	20.6	17.7	19.5	25.2	22.9	24.3	25.2	23.2	24.5
30	---	---	---	20.8	18.4	19.9	25.0	21.8	23.1	25.3	23.6	24.6
31	---	---	---	21.6	19.7	20.8	---	---	---	26.0	23.6	25.0
MONTH	17.8	7.4	12.1	21.8	6.2	16.4	28.2	16.8	22.2	28.8	18.8	24.1

## ASHLEY RIVER BASIN

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02172081 ASHLEY RIVER AT COOKE CROSSROADS, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	27.5	24.4	26.2	29.8	27.0	28.6	30.2	27.0	28.9	25.3	24.4	24.9
2	29.0	25.8	27.6	30.1	27.1	28.7	29.9	26.8	28.7	25.5	24.5	25.0
3	29.7	27.3	28.7	30.3	27.1	28.9	29.9	27.1	28.7	26.7	24.7	25.6
4	29.8	28.0	28.8	30.8	27.6	29.4	29.1	27.6	28.5	28.1	25.4	26.7
5	30.1	27.5	28.8	31.8	28.6	30.3	29.9	27.3	28.5	28.7	26.5	27.5
6	30.0	27.8	28.7	32.2	29.8	30.8	30.6	28.2	29.3	28.4	27.2	27.8
7	29.0	27.5	28.3	31.8	30.0	30.7	30.1	28.8	29.3	28.1	26.1	27.1
8	29.0	27.0	27.9	31.0	28.6	29.8	29.4	27.0	27.9	27.7	25.6	26.7
9	28.7	26.0	27.5	31.0	28.2	29.7	28.4	25.5	26.9	27.2	25.2	26.3
10	28.2	25.2	26.9	31.4	28.2	29.9	27.5	24.6	26.2	26.7	24.6	25.9
11	28.1	24.9	26.6	31.1	28.6	29.6	26.8	24.0	25.8	27.0	24.5	26.0
12	28.2	25.1	26.9	29.8	27.5	28.4	26.9	23.8	25.7	27.2	25.0	26.2
13	28.8	25.7	27.5	28.5	26.6	27.8	26.6	24.1	25.7	27.5	25.1	26.4
14	29.0	26.7	28.2	28.9	26.8	28.2	27.7	25.0	26.4	27.6	25.8	26.8
15	29.2	26.7	28.2	30.1	27.4	28.9	28.6	26.0	27.4	27.1	25.6	26.5
16	28.6	25.6	27.4	30.5	27.9	29.5	29.9	27.0	28.5	27.6	25.5	26.5
17	28.2	25.9	27.3	31.4	29.0	30.3	30.6	27.9	29.2	28.2	25.9	27.0
18	27.4	25.7	26.8	31.7	29.4	30.6	30.8	28.1	29.4	27.6	26.3	27.0
19	27.8	25.5	26.7	33.0	29.8	31.3	30.4	28.5	29.4	27.4	25.8	26.7
20	27.2	26.0	26.6	33.3	30.7	31.8	30.5	28.4	29.5	27.1	25.4	26.4
21	26.5	24.8	25.8	32.0	30.2	30.9	30.0	28.3	29.2	26.9	24.9	26.1
22	26.0	24.1	25.1	30.6	28.7	29.6	29.3	27.3	28.4	26.8	24.6	25.9
23	26.3	24.1	25.2	30.0	27.6	28.5	29.8	26.8	28.4	---	---	---
24	27.4	25.0	26.1	28.8	26.6	27.8	30.2	27.5	29.1	---	---	---
25	27.3	25.6	26.3	30.0	26.4	28.2	30.2	27.8	28.7	25.6	24.2	24.9
26	27.8	25.2	26.6	30.3	27.7	29.3	28.6	26.6	27.6	25.8	24.1	25.1
27	28.1	26.0	27.1	30.5	27.8	29.4	27.9	25.9	27.0	26.5	25.1	25.8
28	29.0	26.3	27.9	30.7	28.2	29.8	27.4	25.5	26.5	26.8	25.3	26.1
29	29.0	27.0	28.2	30.9	28.6	30.1	26.6	25.2	25.8	26.4	25.4	26.0
30	29.5	26.9	28.4	31.4	28.7	30.4	25.9	24.5	25.1	26.6	24.8	25.9
31	---	---	---	31.7	28.6	30.2	25.3	24.0	24.7	---	---	---
MONTH	30.1	24.1	27.3	33.3	26.4	29.6	30.8	23.8	27.8	---	---	---

## ASHLEY RIVER BASIN

02172081 ASHLEY RIVER AT COOKE CROSSROADS, SC--Continued

## OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	8.2	6.3	7.4	5.6	4.1	5.1	11.0	9.8	10.3
2	6.2	4.8	5.5	7.7	6.1	7.0	5.8	4.1	5.1	10.6	9.9	10.3
3	6.6	4.5	5.6	7.4	6.1	6.7	5.8	4.6	5.4	10.6	10.0	10.3
4	6.7	4.5	5.7	7.0	5.6	6.4	6.3	5.0	5.7	11.3	10.2	10.7
5	6.9	5.6	6.4	6.9	5.4	6.2	6.4	5.2	5.9	11.7	10.5	11.2
6	6.8	5.5	6.4	6.8	5.7	6.3	6.7	5.4	6.2	11.6	10.9	11.3
7	6.7	5.5	6.3	8.0	6.2	7.3	6.8	6.0	6.5	12.2	10.2	11.3
8	7.3	5.6	6.5	8.3	7.6	7.9	6.9	6.1	6.6	10.6	9.8	10.2
9	7.1	6.1	6.7	8.5	7.7	8.0	6.9	6.0	6.5	10.6	9.7	10.1
10	7.2	6.5	6.8	8.5	7.7	8.0	6.8	6.0	6.5	10.2	9.7	10.0
11	7.2	6.6	6.8	8.5	7.3	7.9	6.7	5.8	6.3	9.8	9.1	9.4
12	7.2	6.5	6.7	8.1	7.0	7.6	6.7	5.4	6.3	9.2	8.4	9.0
13	7.1	6.3	6.6	8.2	6.9	7.6	6.7	5.6	6.3	9.1	8.3	8.7
14	6.6	6.0	6.2	8.0	6.9	7.5	6.8	5.4	6.2	8.9	8.1	8.6
15	6.2	5.6	5.9	7.8	6.7	7.4	6.8	5.2	6.2	8.9	8.3	8.7
16	6.2	5.7	5.9	7.7	6.2	7.1	7.0	5.3	6.4	9.3	8.5	8.9
17	6.5	5.9	6.2	7.6	6.0	7.0	7.3	5.8	6.6	9.4	8.9	9.2
18	7.1	6.2	6.6	7.6	6.3	7.0	7.4	5.7	6.7	9.5	8.9	9.2
19	7.1	6.7	6.9	7.3	6.2	6.9	7.1	5.9	6.8	9.4	8.7	9.0
20	7.1	6.8	7.0	7.4	5.8	6.6	7.6	6.8	7.2	9.1	7.9	8.5
21	6.9	6.7	6.8	6.7	5.6	6.2	8.4	7.4	7.8	8.8	7.7	8.3
22	---	---	---	6.7	5.7	6.2	8.9	7.8	8.4	9.0	7.8	8.5
23	5.8	5.2	5.6	6.7	5.5	6.2	9.0	8.2	8.7	9.1	7.9	8.6
24	5.8	5.0	5.4	6.6	5.5	6.1	9.1	8.3	8.7	9.0	7.0	8.1
25	5.9	4.5	5.3	6.3	4.9	5.8	9.2	8.3	8.8	8.5	6.5	7.5
26	5.9	4.3	5.0	6.0	4.4	5.4	9.6	8.4	9.0	9.0	6.4	7.8
27	6.2	4.8	5.5	5.6	4.3	5.2	10.4	9.0	9.6	8.8	6.9	8.0
28	6.9	5.4	6.2	5.7	4.3	5.2	10.8	9.4	10.0	8.8	6.6	7.9
29	7.8	6.1	7.1	5.7	4.3	5.2	10.6	9.4	10.1	8.6	6.7	7.9
30	8.5	6.6	7.6	5.8	4.4	5.2	10.5	9.3	9.9	8.7	6.7	7.8
31	8.3	6.5	7.6	---	---	---	10.8	9.6	10.1	8.7	6.3	7.7
MONTH	---	---	---	8.5	4.3	6.7	10.8	4.1	7.3	12.2	6.3	9.1
DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	8.6	6.2	7.5	12.5	9.0	10.8	5.8	4.2	5.0	5.2	3.5	4.6
2	8.4	6.0	7.3	11.4	9.3	10.6	5.3	4.2	4.8	5.8	3.6	4.6
3	8.4	6.9	7.6	---	---	---	5.1	4.2	4.7	5.6	2.7	4.3
4	9.1	7.2	8.1	---	---	---	5.0	3.4	4.4	5.0	2.8	4.0
5	9.8	8.1	8.9	---	---	---	5.2	3.6	4.6	5.4	3.2	4.1
6	9.6	8.6	9.1	9.0	8.1	8.6	5.7	4.7	5.1	5.9	3.5	4.6
7	9.1	7.3	8.7	8.8	8.0	8.5	6.3	5.2	5.6	6.1	3.8	4.9
8	9.2	6.7	8.0	8.6	7.5	8.1	7.3	5.6	6.0	7.1	3.3	5.3
9	9.1	7.3	8.2	8.0	7.0	7.6	7.6	5.7	6.1	7.5	3.7	5.6
10	8.5	7.2	8.0	7.5	6.3	7.0	6.0	5.2	5.6	7.2	3.6	5.6
11	8.4	6.4	7.4	7.4	5.1	6.6	5.8	4.6	5.3	6.5	3.7	5.3
12	8.4	6.6	7.6	7.3	5.5	6.7	5.7	4.6	5.2	6.1	3.9	5.1
13	8.5	7.2	7.9	7.3	5.5	6.7	5.7	4.4	5.1	5.8	3.8	5.0
14	8.8	7.6	8.3	7.3	5.5	6.7	5.9	4.4	5.1	5.8	3.6	4.9
15	9.0	8.0	8.5	7.3	5.4	6.7	5.6	4.3	5.0	6.2	3.8	5.3
16	9.2	8.0	8.7	7.1	5.3	6.4	5.7	4.1	4.9	6.9	4.5	5.9
17	9.4	8.1	8.9	6.8	4.9	5.9	5.6	4.2	4.9	7.4	4.7	6.2
18	9.9	8.5	9.2	6.3	4.7	5.5	5.1	4.0	4.5	6.7	4.1	5.5
19	10.5	9.0	9.7	5.9	4.5	5.2	5.0	3.2	4.3	6.0	4.3	5.1
20	10.8	8.9	9.9	5.8	4.5	5.2	5.7	2.8	4.2	7.1	4.8	5.9
21	10.9	8.1	9.5	5.4	4.4	5.0	5.5	3.0	4.3	7.4	5.7	6.4
22	10.8	8.0	9.4	5.8	4.6	5.3	6.5	3.0	4.2	7.8	5.7	6.8
23	10.2	7.9	9.3	6.8	5.3	6.0	6.2	3.2	4.4	8.7	6.5	7.5
24	11.0	8.1	9.7	7.4	6.1	6.8	5.6	3.9	4.5	9.0	6.5	7.6
25	11.3	9.1	10.2	7.4	6.4	6.8	4.6	3.4	4.0	9.0	6.2	7.6
26	11.0	9.3	10.3	7.0	6.0	6.5	4.5	2.7	3.9	8.4	6.0	7.4
27	11.1	8.8	9.9	6.7	5.4	6.1	4.6	3.4	4.0	7.4	5.6	6.9
28	11.6	8.2	10.2	6.5	5.1	5.9	4.6	3.1	4.1	6.9	5.3	6.3
29	---	---	---	6.5	5.3	6.0	5.1	3.3	4.3	6.4	4.8	5.8
30	---	---	---	6.2	5.3	5.9	5.2	3.6	4.6	6.1	4.0	5.1
31	---	---	---	6.2	5.0	5.7	---	---	---	6.1	3.4	4.7
MONTH	11.6	6.0	8.8	---	---	---	7.6	2.7	4.8	9.0	2.7	5.6

## 02172081 ASHLEY RIVER AT COOKE CROSSROADS, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	6.7	3.2	4.8	5.3	2.9	4.0	6.7	3.4	4.9	2.6	2.0	2.3
2	7.1	3.1	4.9	5.1	3.1	4.0	6.3	3.3	4.7	2.6	2.0	2.2
3	6.4	3.5	4.9	5.1	3.1	4.0	6.4	3.4	4.8	3.2	2.3	2.5
4	5.7	3.4	4.5	5.6	3.4	4.3	5.4	3.6	4.4	3.2	2.7	3.0
5	5.5	3.1	4.1	5.3	3.4	4.4	6.0	3.3	4.4	3.2	2.9	3.1
6	6.3	2.9	4.6	5.8	3.4	4.3	7.0	3.7	5.2	3.3	2.8	3.0
7	5.2	4.0	4.6	7.2	3.5	5.4	8.3	4.5	6.1	3.5	2.9	3.2
8	6.1	3.8	4.8	11.3	4.6	7.6	9.0	5.0	6.9	3.7	3.1	3.4
9	6.5	4.2	5.2	14.9	5.3	9.6	8.6	5.2	7.3	3.7	3.1	3.5
10	7.0	4.8	5.8	13.5	5.4	9.3	8.5	5.5	7.4	3.8	3.3	3.6
11	6.8	5.1	6.1	10.7	3.4	5.9	8.9	5.1	7.1	3.8	3.3	3.6
12	6.7	4.6	5.6	5.0	2.6	3.6	10.2	5.0	7.3	3.9	3.3	3.6
13	6.6	4.1	5.7	4.3	2.1	3.3	9.8	5.1	7.2	3.8	3.3	3.6
14	6.9	4.0	5.5	4.3	2.3	3.3	9.4	5.0	7.2	3.8	3.3	3.5
15	6.9	3.5	5.1	4.3	1.8	3.0	9.7	4.6	6.9	5.2	3.4	4.5
16	7.1	4.1	5.2	5.2	1.9	3.1	10.1	4.0	6.9	4.8	3.4	4.1
17	5.7	4.0	4.9	3.5	2.3	2.8	---	---	---	3.8	3.2	3.5
18	4.9	3.7	4.4	3.8	2.2	3.1	---	---	---	3.5	3.1	3.3
19	5.6	3.8	4.6	5.0	2.2	3.4	---	---	---	3.7	3.1	3.4
20	5.6	4.0	4.6	5.5	2.6	4.0	---	---	---	3.9	3.4	3.6
21	5.5	4.2	4.6	5.0	2.9	4.1	7.0	3.7	5.5	4.0	3.5	3.7
22	5.2	4.3	4.7	5.4	3.2	4.2	5.8	3.4	4.7	4.0	3.6	3.8
23	5.1	4.2	4.6	5.1	3.1	4.1	7.0	3.3	5.1	---	---	---
24	5.4	4.0	4.6	5.3	3.5	4.3	6.9	3.2	5.3	---	---	---
25	5.0	4.4	4.7	5.3	3.3	4.5	6.4	3.4	4.6	4.4	3.8	4.1
26	5.9	3.8	4.7	6.1	3.6	5.1	4.1	2.6	3.3	4.3	3.7	4.1
27	5.3	3.6	4.6	6.7	3.6	5.3	3.2	2.3	2.8	4.0	3.4	3.8
28	5.7	3.1	4.4	6.8	3.4	5.2	3.4	2.0	2.6	3.8	3.2	3.6
29	5.5	2.5	4.1	5.7	3.2	4.6	2.8	2.0	2.3	3.6	3.0	3.4
30	5.1	2.5	4.2	5.5	2.9	4.3	2.9	2.0	2.4	4.0	3.2	3.7
31	---	---	---	7.8	3.2	5.3	2.7	1.9	2.3	---	---	---
MONTH	7.1	2.5	4.8	14.9	1.8	4.6	---	---	---	---	---	---



## ASHLEY RIVER BASIN

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 2002.

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.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,420 ft<sup>3</sup>/s, Sep. 17, 2001; -1,480 ft<sup>3</sup>/s; minimum discharge, Aug. 19, 2001.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,270 ft<sup>3</sup>/s, Mar. 29; minimum discharge, -1,340 ft<sup>3</sup>/s, Oct. 16.

## DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	---	---	---	---	---	---	---	---	1160	-1150	1110	-1150
2	---	---	---	---	---	---	---	---	1130	-1110	1130	-1150
3	---	---	---	---	---	---	---	---	1130	-1130	1050	-1160
4	---	---	---	---	---	---	---	---	1090	-1160	1200	-1110
5	---	---	---	---	---	---	---	---	1140	-1130	1070	-1110
6	---	---	---	---	---	---	---	---	1050	-1020	1040	-1090
7	---	---	---	---	---	---	---	---	1010	-988	1130	-1080
8	---	---	---	---	---	---	---	---	1020	-1040	1050	-1080
9	---	---	---	---	---	---	---	---	954	-958	1100	-1030
10	---	---	---	---	---	---	---	---	910	-1060	1000	-1000
11	---	---	---	---	---	---	---	---	985	-1040	1080	-1020
12	---	---	---	---	---	---	---	---	870	-1050	1120	-1030
13	---	---	---	---	---	---	---	---	941	-976	1160	-1100
14	---	---	---	---	---	---	---	---	1050	-988	1240	-1240
15	---	---	---	---	---	---	---	---	1160	-1260	1240	-1310
16	---	---	---	---	---	---	---	---	1220	-1370	1300	-1280
17	---	---	---	---	---	---	---	---	1200	-1340	1420	-1440
18	---	---	---	---	---	---	---	---	1330	-1400	1310	-1430
19	---	---	---	---	---	---	---	---	1240	-1480	1290	-1390
20	---	---	---	---	---	---	---	---	1190	-1390	1260	-1220
21	---	---	---	---	---	---	---	---	1210	-1380	1190	-1150
22	---	---	---	---	---	---	---	---	1190	-1300	1100	-1290
23	---	---	---	---	---	---	---	---	1190	-1200	1080	-1130
24	---	---	---	---	---	---	---	---	1130	-1110	1040	-1020
25	---	---	---	---	---	---	---	---	1100	-1110	919	-1030
26	---	---	---	---	---	---	---	---	1110	-1040	942	-967
27	---	---	---	---	---	---	---	---	1100	-1010	1060	-986
28	---	---	---	---	---	---	---	---	1030	-904	1050	-957
29	---	---	---	---	---	---	---	---	1030	-1130	1080	-1030
30	---	---	---	---	---	---	---	---	1100	-1120	1080	-1070
31	---	---	---	---	---	---	1300	-1190	1100	-1020	---	---
MONTH	---	---	---	---	---	---	---	---	1330	-1480	1420	-1440

## 021720812 ASHLEY RIVER NEAR COOKE CROSSROADS, SC--Continued

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	---	---	1040	-1090	1130	-1120	1100	-1070	1080	-1200	1170	-1130
2	---	---	1110	-1040	1180	-1080	1110	-1160	1050	-1090	1150	-1070
3	---	---	1030	-969	1180	-1060	1130	-1170	1080	-1010	1150	-1060
4	---	---	996	-1000	1150	-1070	1020	-1090	999	-942	1060	-940
5	1010	-1050	1080	-949	1130	-1090	1040	-984	1000	-901	938	-932
6	987	-1060	1100	-994	1040	-1110	969	-935	1030	-901	914	-852
7	1030	-852	965	-1030	1010	-1020	850	-867	1050	-956	865	-899
8	1060	-1040	1040	-915	1060	-1000	812	-903	984	-975	872	-855
9	1030	-982	941	-985	1010	-1020	945	-950	1030	-1060	1010	-819
10	1050	-1010	1020	-1050	1090	-1060	875	-920	981	-1220	995	-852
11	1040	-1040	1070	-1030	1190	-1080	---	---	897	-937	964	-965
12	---	---	1150	-1080	1100	-1210	---	---	1060	-1080	1100	-1000
13	1160	-1170	1200	-1110	1110	-1200	1040	-842	985	-1040	999	-1080
14	1160	-1140	1170	-1210	1120	-1220	991	-939	1020	-965	902	-1120
15	1140	-1220	1210	-1160	1050	-1130	878	-906	988	-956	944	-1120
16	1220	-1340	1140	-1070	1120	-994	962	-922	915	-945	977	-1130
17	1180	-1280	1120	-1090	1110	-977	919	-851	848	-811	871	-981
18	1120	-1140	1050	-1040	942	-938	808	-818	851	-779	1020	-929
19	1210	-1070	1000	-947	1030	-952	877	-796	906	-851	893	-950
20	1100	-1130	978	-881	854	-832	759	-845	834	-851	965	-814
21	1110	-1010	908	-861	800	-847	679	-731	793	-811	898	-849
22	987	-936	885	-812	849	-803	838	-712	818	-874	958	-747
23	961	-864	831	-735	788	-843	834	-730	940	-846	997	-732
24	913	-873	778	-849	870	-736	962	-860	1060	-966	981	-1050
25	802	-788	847	-807	858	-844	909	-929	1120	-1180	1050	-1050
26	810	-736	---	---	963	-962	1020	-1060	1160	-1280	1080	-1180
27	954	-894	956	-1030	966	-1030	1100	-1190	1050	-1190	1140	-1260
28	979	-994	960	-1070	947	-1070	1150	-1220	1100	-1300	1160	-1210
29	970	-1010	1050	-1100	1030	-1110	1140	-1210	---	---	1270	-1330
30	1060	-1060	1110	-1080	1080	-1190	1140	-1150	---	---	1260	-1210
31	984	-1120	---	---	1150	-1140	1150	-1200	---	---	1220	-1220
MONTH	---	---	---	---	1190	-1220	---	---	1160	-1300	1270	-1330
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	1170	-1100	1110	-1020	988	-847	861	-819	888	-854	575	-549
2	1160	-1090	1040	-778	935	-943	851	-847	950	-803	---	---
3	1040	-891	823	-667	960	-880	830	-798	851	-821	---	---
4	898	-891	886	-802	1000	-933	878	-995	880	-855	687	-897
5	986	-823	874	-754	982	-993	1010	-981	927	-989	756	-918
6	969	-869	925	-794	955	-927	1020	-1040	927	-970	779	-937
7	929	-797	821	-973	1020	-994	1070	-969	937	-1030	819	-1030
8	960	-951	852	-902	1030	-1050	1030	-982	1010	-1070	993	-1050
9	892	-941	924	-952	1120	-1100	1020	-1120	1050	-1020	864	-933
10	993	-924	1010	-988	1190	-1110	1070	-1120	1090	-1090	779	-906
11	949	-931	1020	-1050	1160	-1110	1020	-1160	980	-1020	712	-768
12	981	-1060	1080	-1070	1090	-1070	1070	-1090	990	-977	749	-764
13	1010	-1180	1060	-1120	1160	-1040	1150	-1110	836	-909	704	-730
14	977	-1050	959	-1150	1100	-1090	1160	-1080	820	-837	616	-628
15	1010	-1010	1080	-1100	1110	-1130	1040	-1000	---	---	671	-665
16	1010	-979	1050	-1070	1140	-945	1050	-992	---	---	601	-640
17	998	-983	969	-1080	1080	-960	1040	-956	---	---	718	-775
18	1030	-964	990	-894	1040	-1000	1070	-1050	---	---	777	-728
19	940	-879	1030	-823	1090	-999	1030	-993	---	---	695	-733
20	870	-847	1110	-922	1140	-1020	1060	-1060	541	-727	790	-915
21	1000	-934	1080	-1100	1140	-1110	1050	-1030	715	-1020	789	-939
22	950	-953	1180	-1060	1140	-1100	1030	-1030	834	-937	904	-924
23	1130	-1050	1160	-1140	1160	-1140	1100	-1120	745	-790	874	-773
24	1130	-1080	1180	-1210	1070	-1250	1080	-1010	682	-802	752	-715
25	1140	-1180	1200	-1260	1100	-1060	997	-1110	777	-828	745	-590
26	1140	-1280	1230	-1230	1130	-998	983	-944	833	-649	725	-667
27	1230	-1200	1190	-1120	1040	-998	986	-861	620	-671	629	-658
28	1250	-1230	1180	-1090	938	-952	818	-832	697	-752	705	-679
29	1130	-1170	1230	-1020	844	-946	801	-834	531	-672	676	-476
30	1100	-1070	1160	-926	907	-812	822	-745	690	-947	672	-587
31	---	---	1020	-879	---	---	900	-893	685	-655	---	---
MONTH	1250	-1280	1230	-1260	1190	-1250	1160	-1160	---	---	---	---

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 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, 17,000 microsiemens, June 21, 2002; minimum, 211 microsiemens, Sep. 11, 2001.

WATER TEMPERATURE: Maximum, 32.6°C, July 20, 2002; minimum, 4.4°C, Jan. 5, 2002.

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, 17,000 microsiemens, June 21; minimum, 871 microsiemens, Aug. 30.

WATER TEMPERATURE: Maximum, 32.6°C, July 20; minimum, 4.4°C, Jan. 5.

DISSOLVED OXYGEN: Maximum, 16.2 mg/L, July 9; minimum, 2.3 mg/L, Aug. 23, 28.

## SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	11600	7120	9280	15200	9610	12400	15600	9580	12300
2	---	---	---	11700	7330	9400	15500	9450	12600	15800	9470	12400
3	---	---	---	11500	7460	9410	16000	10000	12900	15700	9260	12300
4	---	---	---	11900	7550	9520	16100	10500	13100	14400	8180	11100
5	5800	3580	4670	12400	7650	9940	15900	10400	13100	14500	8440	11400
6	5790	3720	4700	12500	7830	10000	15800	10100	12800	14200	5820	10800
7	6180	3780	4890	12200	7640	9780	15600	9880	12800	12000	6130	8650
8	6590	3810	5180	12300	7270	9740	15800	10200	13200	12000	5840	8690
9	6720	4090	5380	12400	7090	9820	15500	9900	13200	12600	6280	8890
10	6900	4060	5450	12600	7420	10300	16300	10300	13900	12300	6110	8800
11	8130	4050	5710	12600	7850	10400	14700	8370	11700	---	---	---
12	---	---	---	13400	8180	11100	14100	8730	11100	---	---	---
13	8470	4750	6690	14000	8860	11600	14500	8570	11200	11700	5130	8430
14	7910	5010	6540	14500	9120	11800	14000	8570	10900	11800	5380	8090
15	8040	4830	6260	15300	9210	12200	13400	7640	10600	10500	4500	7220
16	8360	5040	6760	15400	9710	12400	13700	8640	10900	10500	4790	7020
17	8360	5190	6770	15300	9900	12300	13500	8890	10900	10200	4280	6930
18	8420	5400	6860	15100	10000	12300	12500	7880	10300	9400	4090	6720
19	8570	5690	7050	15100	9820	12300	13000	8840	10600	10300	4500	7180
20	8190	5760	6940	14500	9800	12000	12300	8310	9990	9470	4720	6660
21	9940	5620	7290	14900	10100	12300	12100	8500	10100	9460	4520	6950
22	9860	5710	7790	14300	9790	12000	12300	8530	10300	9490	4220	6840
23	10300	6280	8170	14100	9860	11800	12100	8580	10500	10100	3970	7110
24	10200	6280	8220	13700	9610	11700	12000	8090	10000	10100	4510	7010
25	9560	6040	7890	13700	9480	11500	12200	8320	10400	10300	3900	7120
26	9340	5800	7600	13800	9360	11800	13000	8370	10900	11100	4770	8010
27	10000	5750	7990	13900	8920	11500	14000	8470	11000	11500	5090	8170
28	10400	6280	8240	14300	9330	11700	14400	8280	11500	11600	4500	8200
29	10600	6440	8590	14600	9080	12000	14700	8310	11600	11800	5420	8430
30	10800	6700	8840	15000	9690	12200	15100	8720	11900	12100	5450	8780
31	11100	6830	9010	---	---	---	15500	9280	12200	12400	6150	9170
MONTH	---	---	---	15400	7090	11100	16300	7640	11600	---	---	---



## ASHLEY RIVER BASIN

021720812 ASHLEY RIVER NEAR COOKE CROSSROADS, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	17.2	15.1	16.3	19.7	19.0	19.4	9.6	8.1	8.9
2	---	---	---	18.4	16.4	17.5	19.5	18.9	19.2	9.1	6.9	7.9
3	---	---	---	19.0	17.3	18.3	19.1	17.5	18.1	7.3	5.9	6.6
4	---	---	---	19.0	17.8	18.6	17.6	16.0	16.8	6.6	5.1	5.9
5	21.5	19.9	20.9	18.7	17.3	18.0	17.4	15.9	16.8	6.2	4.4	5.5
6	21.9	20.3	21.3	17.6	15.7	16.6	17.3	15.5	16.6	7.5	5.5	6.4
7	21.8	20.3	20.9	16.1	13.9	15.3	17.6	15.8	16.9	7.8	6.6	7.2
8	20.6	18.6	19.7	15.9	13.4	14.9	17.9	16.3	17.3	8.2	6.4	7.1
9	19.8	17.9	19.1	16.1	13.9	15.3	19.0	17.7	18.3	8.2	6.3	7.1
10	20.2	18.4	19.5	16.4	14.8	15.6	18.4	17.2	17.8	9.6	6.8	8.2
11	21.0	19.4	20.3	16.5	15.2	15.8	17.2	16.3	16.6	---	---	---
12	---	---	---	16.3	15.2	15.7	16.5	16.1	16.3	---	---	---
13	22.4	20.8	21.5	15.7	14.4	15.0	17.4	16.3	16.8	11.2	9.7	10.3
14	22.4	21.4	21.9	15.1	14.4	14.8	18.2	16.9	17.5	10.4	9.2	9.7
15	22.5	21.3	21.9	15.4	14.7	15.1	18.4	17.8	18.1	10.5	9.0	9.7
16	21.8	20.7	21.2	15.8	14.9	15.3	18.0	16.7	17.1	10.0	8.5	9.4
17	21.1	19.2	19.8	15.7	14.9	15.4	17.2	15.9	16.7	10.3	8.5	9.6
18	19.3	17.5	18.1	15.6	14.6	15.2	17.2	16.0	16.7	10.5	8.7	9.7
19	18.3	16.7	17.7	16.2	14.8	15.6	16.6	15.0	15.7	12.2	9.6	10.7
20	19.0	17.2	18.3	16.2	15.0	15.7	15.6	13.6	14.5	12.3	10.7	11.7
21	20.0	17.9	19.2	15.8	14.7	15.3	14.3	11.9	13.1	12.4	10.9	11.6
22	21.0	19.3	20.2	14.9	13.3	14.3	13.0	10.8	12.1	12.0	10.3	11.4
23	21.6	19.8	20.9	14.9	13.7	14.4	12.9	10.9	12.2	13.5	11.3	12.2
24	22.5	20.7	21.7	16.4	14.7	15.6	13.7	11.8	12.9	15.0	13.2	14.0
25	23.5	21.8	22.6	17.6	16.4	17.1	12.7	11.1	12.2	15.5	14.5	14.9
26	22.1	19.7	21.4	18.9	17.2	18.2	11.9	9.9	11.5	14.8	13.8	14.2
27	19.8	17.9	19.3	19.7	18.2	18.9	10.6	9.3	10.0	15.3	13.7	14.4
28	17.9	16.7	17.4	19.6	18.6	19.1	10.2	8.5	9.6	15.9	14.7	15.2
29	16.8	15.8	16.2	19.8	18.7	19.2	11.0	8.9	10.2	16.1	14.7	15.4
30	16.3	14.9	15.6	19.7	18.8	19.3	10.6	9.4	10.2	16.8	15.2	16.0
31	16.4	14.4	15.5	---	---	---	10.1	8.7	9.4	17.4	16.0	16.8
MONTH	---	---	---	19.8	13.3	16.4	19.7	8.5	15.1	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	18.3	16.7	17.6	11.1	9.1	10.2	21.9	20.6	21.4	23.8	22.6	23.4
2	18.2	16.8	17.4	13.7	9.8	11.0	22.0	20.2	21.4	25.7	23.2	24.5
3	16.9	14.9	15.8	14.2	11.7	13.4	22.7	20.8	21.9	26.3	24.8	25.5
4	15.3	13.0	14.4	14.2	11.7	12.9	22.4	20.8	21.6	25.8	24.5	25.1
5	13.0	11.3	12.1	12.2	9.9	11.3	21.1	19.7	20.5	24.6	23.2	24.0
6	11.7	10.8	11.3	12.5	9.9	11.3	20.3	18.9	19.7	25.0	22.8	23.8
7	12.8	11.0	11.9	13.6	11.2	12.5	20.1	18.5	19.2	25.8	23.9	24.8
8	13.2	11.1	12.1	15.2	13.0	14.1	20.0	18.6	19.3	27.1	24.8	25.8
9	13.4	11.6	12.4	16.8	14.6	15.8	21.5	19.3	20.3	28.4	25.9	27.0
10	14.7	12.6	13.6	18.6	16.3	17.3	21.2	20.5	20.9	29.0	26.8	27.8
11	15.1	13.6	14.4	17.5	15.8	16.6	21.5	20.1	20.9	28.9	27.3	28.1
12	14.4	13.2	13.8	16.8	15.9	16.4	22.1	20.8	21.4	29.4	27.3	28.2
13	14.0	12.4	13.0	17.6	16.2	16.9	22.1	21.1	21.6	29.4	27.7	28.5
14	13.1	11.7	12.6	18.5	16.2	17.3	23.2	21.4	22.2	28.5	26.8	27.5
15	13.1	11.5	12.3	19.4	17.3	18.3	23.8	21.9	22.9	26.9	24.9	26.0
16	13.0	11.3	12.3	20.0	18.0	19.1	24.6	22.4	23.7	26.2	24.1	25.5
17	12.9	11.0	12.2	20.7	19.0	20.0	25.4	23.2	24.4	26.1	24.2	25.5
18	12.5	10.6	11.7	21.7	20.0	20.9	25.7	23.9	25.0	26.4	24.3	25.7
19	12.2	9.9	11.4	21.7	20.5	21.2	26.1	24.0	25.2	24.9	21.6	23.2
20	13.6	11.2	12.5	22.2	20.6	21.4	27.1	24.8	26.0	22.4	20.6	21.6
21	15.2	13.2	14.2	21.8	19.8	21.1	27.7	25.9	26.8	22.2	20.6	21.4
22	14.8	13.6	14.3	20.2	18.3	19.3	27.9	26.4	27.1	22.1	20.3	21.2
23	14.3	13.1	13.9	18.6	16.8	17.8	27.0	25.6	26.3	22.8	20.2	21.5
24	14.1	12.6	13.3	18.7	16.5	17.7	26.4	24.6	25.4	24.2	21.0	22.5
25	14.1	12.3	13.2	19.7	17.5	18.5	26.3	24.3	25.3	25.2	22.4	23.7
26	14.5	12.8	13.6	20.9	18.6	19.7	25.6	23.9	24.7	26.0	23.5	24.6
27	14.3	12.0	13.0	22.0	19.9	20.8	24.4	23.1	23.6	25.7	24.1	24.8
28	12.0	10.1	11.0	21.3	19.8	20.6	24.7	22.7	23.6	25.8	24.4	25.0
29	---	---	---	21.0	19.4	20.2	25.9	23.9	24.9	25.8	24.7	25.2
30	---	---	---	21.3	20.0	20.7	25.1	23.5	24.0	25.9	24.9	25.5
31	---	---	---	22.0	20.7	21.3	---	---	---	26.5	24.9	25.8
MONTH	18.3	9.9	13.3	22.2	9.1	17.3	27.9	18.5	23.0	29.4	20.2	24.9

## 021720812 ASHLEY RIVER NEAR COOKE CROSSROADS, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	27.9	25.7	26.9	30.4	28.4	29.5	30.8	28.8	29.9	25.5	24.9	25.1
2	29.2	26.9	28.1	30.6	28.5	29.7	30.5	28.7	29.7	---	---	---
3	29.8	28.1	29.0	30.9	28.6	29.8	30.5	28.7	29.7	---	---	---
4	29.7	28.6	29.2	31.2	29.0	30.2	29.7	29.0	29.4	28.0	26.1	27.0
5	30.1	28.6	29.3	31.8	29.8	30.8	30.0	28.5	29.2	29.0	26.9	27.8
6	30.2	28.8	29.5	32.1	30.6	31.2	30.7	28.8	29.7	28.7	27.7	28.2
7	29.5	28.7	29.1	31.7	30.5	31.0	30.4	28.9	29.6	28.2	27.1	27.7
8	29.3	27.7	28.3	31.1	29.6	30.3	29.3	27.8	28.5	27.8	27.0	27.4
9	29.1	27.0	28.0	31.2	29.4	30.2	28.3	27.0	27.7	27.6	26.6	27.1
10	28.7	26.6	27.6	31.7	29.5	30.5	27.7	26.5	27.3	27.2	25.9	26.7
11	28.8	26.6	27.6	30.9	29.3	30.2	27.8	26.1	27.1	27.6	25.7	26.8
12	28.8	27.2	28.0	29.3	28.3	28.8	27.9	25.9	27.1	27.8	26.1	27.1
13	29.3	27.4	28.3	28.7	27.7	28.2	27.6	26.0	27.0	27.9	26.2	27.2
14	29.5	28.1	28.8	29.4	27.9	28.6	28.3	26.4	27.4	28.1	26.7	27.5
15	29.5	28.0	28.8	30.2	28.4	29.4	28.9	27.1	28.1	27.6	26.7	27.3
16	28.9	27.3	28.2	30.5	29.0	29.9	29.8	27.8	28.9	27.8	26.4	27.1
17	28.4	27.3	28.0	31.3	29.7	30.5	30.3	28.7	29.5	28.6	27.0	27.7
18	27.9	27.0	27.5	31.4	30.2	30.9	30.5	29.0	29.7	28.1	27.6	27.8
19	27.8	26.7	27.3	32.2	30.4	31.3	30.7	29.3	29.9	27.8	27.3	27.5
20	27.7	26.8	27.2	32.6	30.9	31.7	30.8	29.3	29.8	27.6	26.7	27.2
21	26.9	26.2	26.5	32.0	30.6	31.3	30.1	29.0	29.5	27.4	26.5	27.0
22	26.4	24.8	25.6	31.1	30.1	30.5	29.7	28.5	29.1	27.4	26.3	26.9
23	26.4	24.6	25.5	30.3	29.1	29.4	30.3	28.3	29.3	27.3	26.3	26.8
24	27.7	25.8	26.6	29.1	27.9	28.6	30.8	29.0	30.0	26.8	25.9	26.3
25	27.2	26.7	26.9	30.3	27.6	29.0	30.5	28.5	29.5	26.2	25.4	25.7
26	28.1	26.3	27.1	30.9	29.1	30.0	29.3	28.0	28.6	26.1	24.9	25.6
27	28.5	26.5	27.6	31.0	29.4	30.3	28.7	27.4	28.0	26.8	25.7	26.3
28	29.5	27.4	28.5	31.3	29.6	30.6	28.2	25.6	27.1	27.3	26.0	26.8
29	29.8	28.2	29.1	31.4	29.8	30.8	27.2	25.9	26.5	27.1	26.4	26.8
30	29.8	28.3	29.3	31.8	29.9	31.1	26.3	24.6	25.4	27.1	25.8	26.6
31	---	---	---	31.9	29.7	31.0	25.2	24.8	25.0	---	---	---
MONTH	30.2	24.6	27.9	32.6	27.6	30.2	30.8	24.6	28.5	---	---	---

## ASHLEY RIVER BASIN

021720812 ASHLEY RIVER NEAR COOKE CROSSROADS, SC--Continued

## OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	7.9	7.3	7.5	6.2	5.8	6.1	10.2	9.0	9.5
2	---	---	---	7.6	7.1	7.3	6.2	5.7	6.0	10.0	9.3	9.6
3	---	---	---	7.2	6.8	7.1	6.3	5.8	6.1	10.0	9.4	9.7
4	---	---	---	7.0	6.7	6.8	6.5	6.0	6.3	10.4	9.6	10.0
5	---	---	---	6.9	6.6	6.8	6.7	6.2	6.5	10.7	10.0	10.3
6	---	---	---	7.1	6.5	6.9	6.8	6.4	6.6	10.4	9.4	10.2
7	6.4	5.8	6.1	7.5	6.9	7.2	6.8	6.5	6.7	10.1	9.6	9.8
8	6.5	6.0	6.3	7.5	7.1	7.3	6.8	6.5	6.7	10.0	9.6	9.8
9	6.8	6.2	6.5	7.7	7.1	7.4	6.7	6.2	6.4	10.3	9.6	9.8
10	6.8	6.2	6.6	7.9	7.2	7.5	6.6	6.3	6.4	10.3	9.6	9.7
11	6.7	6.0	6.4	7.9	7.2	7.4	6.5	6.0	6.3	---	---	---
12	---	---	---	7.7	7.1	7.4	6.2	6.0	6.1	---	---	---
13	6.4	4.8	5.6	7.8	7.2	7.5	6.2	6.0	6.1	9.0	8.5	8.8
14	5.8	4.4	5.1	7.6	7.3	7.5	6.2	5.9	6.1	8.8	8.5	8.7
15	5.9	5.4	5.6	7.5	7.1	7.3	6.4	5.8	6.1	8.8	8.4	8.6
16	5.6	4.2	4.8	7.4	6.9	7.2	6.6	6.1	6.4	8.9	8.5	8.7
17	5.2	4.1	4.7	7.3	6.7	7.1	6.7	6.3	6.5	9.1	8.7	8.9
18	5.3	4.3	4.9	7.3	6.7	7.0	6.8	6.3	6.6	9.2	8.8	9.0
19	5.4	4.4	5.0	7.2	6.7	7.0	7.0	6.6	6.8	9.3	8.7	9.0
20	6.1	4.3	4.9	7.2	6.4	6.8	7.2	6.7	7.0	9.2	8.5	8.8
21	6.2	5.9	6.1	7.2	6.4	6.9	7.7	7.0	7.3	9.0	8.3	8.6
22	6.0	5.6	5.7	7.2	6.7	7.0	8.1	7.4	7.7	9.5	8.3	8.8
23	5.6	5.3	5.5	7.1	6.7	6.9	8.2	7.6	7.9	9.5	8.5	9.0
24	5.4	5.1	5.2	6.9	6.4	6.8	8.2	7.6	7.9	9.3	8.3	8.8
25	5.4	4.8	5.1	6.7	6.0	6.5	8.4	7.7	8.0	9.0	7.9	8.5
26	5.8	4.8	5.3	6.5	6.0	6.2	8.8	7.6	8.2	9.2	8.0	8.6
27	6.1	5.3	5.7	6.4	5.9	6.2	9.4	8.1	8.7	9.3	8.1	8.7
28	6.5	5.8	6.2	6.4	5.8	6.1	9.7	8.4	9.0	9.2	7.9	8.5
29	7.3	5.8	6.5	6.6	5.8	6.1	9.8	8.5	9.1	9.1	7.9	8.5
30	8.0	7.1	7.4	6.4	5.8	6.2	9.8	8.6	9.1	8.8	7.8	8.3
31	8.2	7.3	7.6	---	---	---	10.0	8.8	9.3	8.5	7.7	8.0
MONTH	---	---	---	7.9	5.8	7.0	10.0	5.7	7.1	---	---	---
DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	8.2	7.5	7.8	10.2	8.6	9.4	5.7	4.7	5.3	5.3	4.4	4.8
2	8.0	7.3	7.6	9.5	7.7	9.0	5.4	4.5	5.0	5.3	4.5	4.8
3	8.1	7.4	7.6	8.2	6.8	7.5	5.2	4.4	4.8	5.3	4.5	4.8
4	8.7	7.4	8.0	8.0	6.4	7.1	5.0	4.3	4.7	4.9	4.2	4.5
5	9.4	8.3	8.7	8.0	6.6	7.4	5.2	4.5	4.9	4.8	4.1	4.4
6	9.3	8.2	8.8	8.2	6.7	7.7	5.6	4.7	5.1	5.4	4.4	4.9
7	9.3	8.3	8.7	8.1	6.8	7.7	6.0	5.1	5.5	5.8	4.5	5.0
8	9.5	8.0	8.5	8.1	6.6	7.6	6.3	5.3	5.8	6.5	4.0	5.0
9	9.3	7.9	8.5	7.8	7.2	7.4	6.6	5.5	5.8	7.3	3.9	5.3
10	9.1	7.9	8.4	7.5	6.6	7.0	6.0	5.2	5.5	7.0	3.9	5.4
11	9.4	7.8	8.3	7.0	6.4	6.7	5.7	5.0	5.2	6.6	4.0	5.2
12	9.0	7.8	8.3	6.9	6.4	6.6	5.5	4.7	5.0	6.1	3.9	5.0
13	9.0	7.9	8.4	7.0	6.2	6.5	5.4	4.6	4.9	5.8	3.9	4.9
14	9.4	8.2	8.7	7.2	6.1	6.5	5.4	4.4	4.8	5.7	4.2	5.0
15	9.4	8.6	8.9	7.1	6.2	6.5	5.3	4.3	4.7	5.9	4.2	5.2
16	9.8	8.6	9.1	6.9	6.0	6.3	4.9	4.0	4.4	6.2	4.3	5.3
17	10.1	8.9	9.4	6.4	5.5	5.9	4.8	3.8	4.1	6.4	4.5	5.3
18	10.3	9.2	9.7	6.0	5.2	5.5	4.5	3.6	4.0	6.7	3.6	5.0
19	10.6	9.6	10.0	5.6	5.0	5.3	4.5	3.7	4.0	5.3	3.4	4.5
20	10.6	9.7	10.1	5.7	5.0	5.3	4.8	3.8	4.2	6.5	4.5	5.4
21	10.7	9.5	10.0	5.6	5.0	5.2	5.3	3.9	4.4	6.6	4.8	5.8
22	10.1	9.0	9.6	5.6	4.9	5.2	5.3	4.3	4.6	6.5	4.9	5.9
23	9.4	8.1	8.9	6.1	5.1	5.5	5.1	4.0	4.5	7.0	4.5	5.9
24	9.6	7.5	8.7	6.6	5.3	5.9	4.6	3.3	4.1	7.4	4.0	5.9
25	9.7	7.8	8.8	6.8	5.6	6.1	5.0	3.4	4.3	7.4	3.9	5.7
26	9.6	7.8	8.7	7.0	5.6	6.1	5.4	3.8	4.6	7.3	4.2	5.7
27	9.7	7.8	8.8	6.8	5.5	6.0	4.8	4.0	4.5	6.8	3.8	5.4
28	9.8	8.1	9.0	6.6	5.5	5.9	5.2	3.9	4.5	6.2	3.8	5.2
29	---	---	---	6.7	5.7	6.0	5.5	4.4	4.9	6.2	4.1	5.1
30	---	---	---	6.5	5.6	6.0	5.3	4.5	4.8	5.9	3.5	5.0
31	---	---	---	6.3	5.1	5.7	---	---	---	5.9	3.8	4.8
MONTH	10.7	7.3	8.8	10.2	4.9	6.5	6.6	3.3	4.8	7.4	3.4	5.2

ASHLEY RIVER BASIN

021720812 ASHLEY RIVER NEAR COOKE CROSSROADS, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	6.5	3.8	5.0	5.1	4.1	4.6	5.6	3.9	4.8	4.3	3.3	3.9
2	6.6	3.9	5.3	5.4	4.3	4.9	5.8	3.2	4.6	---	---	---
3	5.9	3.8	4.8	6.3	4.6	5.4	5.8	2.7	4.6	---	---	---
4	5.4	3.2	4.3	6.6	5.0	5.8	5.3	2.6	4.4	3.6	3.0	3.4
5	5.4	3.2	4.3	6.9	5.1	6.0	5.8	2.8	4.4	3.8	3.0	3.3
6	5.6	3.2	4.4	7.6	4.4	6.1	6.7	3.4	4.8	3.5	2.8	3.2
7	5.2	3.1	4.1	8.8	3.0	6.4	7.5	3.1	5.2	3.6	3.1	3.4
8	5.7	2.9	4.2	12.4	4.8	8.2	8.5	3.9	5.9	3.7	3.1	3.4
9	5.8	3.5	4.5	16.2	6.7	10.0	8.4	4.4	6.2	3.8	3.2	3.5
10	6.6	3.8	4.8	15.0	8.0	11.3	8.5	5.1	6.6	4.0	3.3	3.7
11	6.9	4.1	5.1	10.9	6.0	8.7	8.4	5.1	6.7	4.3	3.6	4.0
12	7.0	4.3	5.3	6.7	4.3	5.4	10.4	5.6	7.8	4.3	3.8	4.1
13	7.4	4.3	5.5	7.0	3.8	5.4	9.9	6.4	8.4	4.5	3.8	4.2
14	6.9	4.3	5.5	8.1	4.4	6.3	9.1	5.8	7.8	4.5	3.8	4.1
15	7.8	4.4	5.6	8.6	5.0	7.2	9.7	4.8	7.7	4.8	4.0	4.3
16	7.2	4.6	5.6	9.0	5.1	7.2	10.6	5.6	8.4	4.8	3.8	4.2
17	6.1	4.7	5.5	8.6	4.1	6.3	10.7	5.8	8.4	4.2	3.5	3.9
18	5.5	4.1	4.8	7.7	3.8	5.8	9.4	4.8	7.2	4.1	3.3	3.7
19	5.5	3.9	4.6	7.7	3.8	5.9	9.5	4.1	6.8	3.8	2.7	3.6
20	5.7	4.0	4.7	7.2	4.3	5.9	8.4	4.0	6.1	4.0	2.7	3.7
21	5.3	4.1	4.7	7.0	3.5	5.6	5.9	3.0	4.2	4.3	3.0	3.9
22	5.8	4.1	4.8	6.9	3.3	5.3	5.4	3.2	4.5	4.5	3.0	4.0
23	5.7	3.9	4.7	5.9	3.4	4.9	5.6	2.3	4.1	4.4	2.7	4.0
24	5.7	4.0	4.7	5.7	3.4	4.7	7.5	3.4	5.5	4.4	2.7	4.0
25	5.6	4.1	4.7	7.0	3.4	5.0	6.7	3.8	5.2	4.8	2.8	4.1
26	5.9	3.9	4.8	7.8	3.3	5.5	5.2	3.1	4.4	4.8	2.9	4.3
27	5.9	4.3	4.9	8.0	3.4	5.6	5.1	2.7	4.2	4.5	2.9	4.1
28	5.8	4.3	4.8	7.6	4.0	5.9	4.6	2.3	3.6	4.6	3.2	4.0
29	5.7	4.2	4.7	7.2	4.8	6.1	4.3	2.5	3.5	4.7	3.2	4.1
30	5.0	4.2	4.6	7.6	5.2	6.5	5.6	3.1	4.2	4.8	3.3	4.3
31	---	---	---	7.5	5.2	6.3	4.5	3.1	4.0	---	---	---
MONTH	7.8	2.9	4.8	16.2	3.0	6.3	10.7	2.3	5.6	---	---	---



## ASHLEY RIVER BASIN

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 current year.

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, 33.99 ft, Sep. 3, 2001; minimum gage height, 29.60 ft, Dec. 10, 2001.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 33.01 ft, Aug. 29; minimum gage height, 29.60 ft, Dec. 10.

## GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	30.09	30.07	30.08	29.88	29.87	29.88	29.66	29.66	29.66	30.00	29.99	30.00
2	30.07	30.05	30.06	29.88	29.87	29.87	29.66	29.65	29.66	31.44	29.98	30.29
3	30.05	30.05	30.05	29.87	29.86	29.87	29.65	29.64	29.64	31.44	30.74	31.05
4	30.05	30.04	30.04	29.86	29.85	29.86	29.64	29.64	29.64	30.74	30.38	30.54
5	30.04	30.04	30.04	29.85	29.83	29.84	29.64	29.63	29.63	30.38	30.23	30.29
6	30.11	30.03	30.04	29.83	29.81	29.82	29.63	29.63	29.63	31.82	30.21	30.96
7	30.25	30.11	30.22	29.81	29.80	29.81	29.63	29.62	29.63	31.29	30.67	30.94
8	30.22	30.12	30.16	29.80	29.79	29.80	29.62	29.62	29.62	30.67	30.36	30.50
9	30.12	30.06	30.09	29.79	29.78	29.78	29.62	29.61	29.62	30.36	30.24	30.29
10	30.06	30.04	30.05	29.78	29.77	29.78	31.87	29.60	30.11	30.24	30.19	30.21
11	30.04	30.02	30.03	29.77	29.76	29.77	31.87	30.71	31.17	30.19	30.17	30.18
12	30.02	30.00	30.01	29.76	29.74	29.75	30.71	30.33	30.49	30.68	30.16	30.19
13	30.00	29.99	30.00	29.74	29.73	29.74	30.33	30.23	30.28	31.98	30.68	31.49
14	30.41	29.99	30.08	29.73	29.73	29.73	30.23	30.20	30.21	31.69	30.80	31.01
15	30.43	30.27	30.36	29.73	29.73	29.73	30.20	30.16	30.18	31.69	31.06	31.37
16	30.27	30.15	30.20	29.73	29.72	29.72	30.16	30.13	30.14	31.06	30.69	30.85
17	30.15	30.10	30.12	29.72	29.70	29.71	30.13	30.12	30.12	30.69	30.50	30.59
18	30.10	30.06	30.07	29.70	29.69	29.70	30.28	30.13	30.25	30.50	30.39	30.44
19	30.06	30.03	30.04	29.69	29.69	29.69	30.27	30.20	30.24	30.39	30.33	30.35
20	30.03	30.01	30.02	29.69	29.68	29.69	30.20	30.15	30.18	30.36	30.33	30.35
21	30.01	30.00	30.01	29.68	29.67	29.67	30.15	30.13	30.14	30.38	30.36	30.37
22	30.00	29.99	30.00	29.67	29.65	29.66	30.13	30.11	30.12	30.38	30.37	30.37
23	29.99	29.99	29.99	29.66	29.65	29.65	30.11	30.10	30.11	30.37	30.36	30.36
24	29.99	29.98	29.99	29.67	29.66	29.66	30.10	30.08	30.09	30.36	30.36	30.36
25	29.98	29.97	29.98	29.68	29.67	29.67	30.08	30.07	30.07	30.52	30.36	30.42
26	29.97	29.94	29.95	29.67	29.67	29.67	30.07	30.05	30.06	30.56	30.52	30.55
27	29.94	29.92	29.93	29.67	29.66	29.67	30.05	30.04	30.04	30.55	30.51	30.53
28	29.92	29.90	29.91	29.66	29.66	29.66	30.04	30.03	30.04	30.51	30.47	30.49
29	29.90	29.89	29.89	29.67	29.66	29.66	30.03	30.02	30.03	30.47	30.44	30.46
30	29.89	29.88	29.88	29.67	29.66	29.66	30.02	30.01	30.02	30.44	30.42	30.43
31	29.88	29.88	29.88	---	---	---	30.01	30.00	30.01	30.43	30.42	30.42
MONTH	30.43	29.88	30.04	29.88	29.65	29.74	31.87	29.60	30.03	31.98	29.98	30.54

021720813 SAWMILL BRANCH AT I-26 NEAR SUMMERVILLE, SC--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	30.44	30.43	30.43	---	---	---	32.10	30.55	30.97	30.11	30.09	30.10
2	30.43	30.40	30.41	---	---	---	30.55	30.43	30.47	30.09	30.06	30.08
3	30.40	30.37	30.38	31.78	30.74	31.04	30.43	30.37	30.40	30.63	30.04	30.11
4	30.37	30.34	30.35	---	---	---	30.40	30.36	30.38	30.71	30.41	30.56
5	30.34	30.33	30.33	30.44	30.37	30.40	30.41	30.39	30.40	32.08	30.60	31.15
6	31.00	30.33	30.42	30.37	30.34	30.35	30.39	30.32	30.35	30.69	30.26	30.43
7	32.89	31.00	32.21	30.34	30.33	30.33	30.32	30.29	30.31	30.26	30.15	30.20
8	31.81	31.24	31.48	30.33	30.32	30.32	30.30	30.29	30.29	30.15	30.12	30.14
9	31.24	30.95	31.08	30.32	30.32	30.32	30.29	30.28	30.28	30.12	30.09	30.11
10	31.85	30.93	31.51	30.32	30.30	30.32	30.72	30.28	30.47	30.09	30.06	30.07
11	31.55	30.90	31.25	30.30	30.30	30.30	30.65	30.42	30.51	30.06	30.04	30.05
12	---	---	---	30.33	30.30	30.31	30.42	30.39	30.40	30.04	30.01	30.02
13	---	---	---	30.82	30.33	30.61	30.41	30.38	30.39	31.08	29.99	30.08
14	---	---	---	30.44	30.34	30.37	31.01	30.41	30.64	31.17	30.34	30.69
15	---	---	---	30.34	30.33	30.33	30.81	30.48	30.60	30.34	30.19	30.25
16	---	---	---	30.33	30.32	30.33	30.48	30.37	30.41	30.19	30.14	30.16
17	---	---	---	30.34	30.33	30.34	30.37	30.33	30.35	30.14	30.10	30.12
18	---	---	---	30.35	30.34	30.34	30.33	30.30	30.32	32.21	30.09	30.87
19	---	---	---	30.35	30.34	30.34	30.30	30.25	30.27	31.35	30.64	30.94
20	---	---	---	30.34	30.34	30.34	30.25	30.21	30.23	30.64	30.26	30.41
21	---	---	---	31.83	30.34	30.82	30.21	30.17	30.19	30.26	30.15	30.20
22	---	---	---	30.74	30.42	30.52	30.17	30.14	30.15	30.15	30.10	30.13
23	---	---	---	30.42	30.34	30.37	30.14	30.11	30.12	30.10	30.08	30.09
24	---	---	---	30.34	30.33	30.33	30.11	30.08	30.10	30.08	30.05	30.06
25	---	---	---	30.34	30.33	30.33	30.13	30.08	30.10	30.05	30.02	30.04
26	---	---	---	30.71	30.34	30.38	30.14	30.13	30.14	30.02	30.00	30.01
27	---	---	---	30.86	30.51	30.68	30.34	30.13	30.25	30.00	29.98	29.99
28	---	---	---	30.51	30.42	30.45	30.33	30.24	30.29	29.98	29.96	29.97
29	---	---	---	30.42	30.38	30.39	30.24	30.15	30.20	30.94	29.95	30.26
30	---	---	---	30.38	30.37	30.37	30.15	30.11	30.13	32.52	30.54	31.12
31	---	---	---	32.10	30.37	30.49	---	---	---	31.48	30.54	30.88
MONTH	---	---	---	---	---	---	32.10	30.08	30.34	32.52	29.95	30.30
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	30.54	30.31	30.40	30.31	30.26	30.29	30.92	30.45	30.65	31.23	30.62	30.80
2	30.31	30.19	30.25	30.27	30.26	30.26	30.45	30.25	30.35	31.47	30.56	30.88
3	30.19	30.15	30.17	30.27	30.24	30.26	30.25	30.11	30.17	31.28	30.59	30.80
4	30.15	30.11	30.13	30.24	30.19	30.21	30.11	30.06	30.09	30.59	30.45	30.52
5	30.11	30.08	30.10	30.19	30.14	30.16	30.11	30.06	30.09	30.45	30.38	30.42
6	30.08	30.05	30.07	30.14	30.12	30.13	30.06	30.02	30.04	30.39	30.37	30.38
7	31.95	30.04	30.72	30.12	30.09	30.11	30.02	29.97	29.99	30.37	30.33	30.36
8	31.10	30.58	30.79	30.09	30.06	30.07	29.97	29.94	29.95	30.33	30.29	30.31
9	30.58	30.36	30.46	30.08	30.05	30.06	29.94	29.90	29.92	30.39	30.29	30.32
10	30.36	30.22	30.29	30.07	30.04	30.06	29.90	29.87	29.89	30.39	30.30	30.35
11	30.22	30.18	30.21	30.05	30.03	30.04	29.87	29.84	29.86	30.30	30.27	30.29
12	30.19	30.15	30.17	30.07	30.05	30.06	29.84	29.81	29.83	30.28	30.27	30.28
13	30.16	30.11	30.14	30.76	30.07	30.23	29.81	29.79	29.80	30.28	30.26	30.27
14	30.50	30.08	30.16	30.75	30.36	30.54	29.79	29.77	29.78	30.27	30.25	30.26
15	30.64	30.50	30.59	30.76	30.21	30.34	29.77	29.75	29.76	31.64	30.26	30.85
16	30.50	30.33	30.41	30.77	30.45	30.61	29.75	29.73	29.74	30.96	30.44	30.63
17	30.33	30.23	30.28	30.45	30.21	30.32	29.73	29.70	29.71	30.44	30.33	30.37
18	30.44	30.21	30.31	30.21	30.10	30.15	29.70	29.68	29.69	30.98	30.31	30.50
19	30.44	30.38	30.42	30.10	30.04	30.07	29.68	29.65	29.66	30.87	30.46	30.60
20	31.45	30.37	30.95	30.21	29.99	30.02	31.18	29.64	30.11	30.46	30.37	30.41
21	31.06	30.62	30.82	31.62	30.21	30.82	31.65	30.50	30.92	30.37	30.31	30.34
22	32.84	30.88	31.58	31.17	30.46	30.70	31.22	30.50	30.77	30.31	30.29	30.30
23	31.13	30.56	30.75	30.46	30.30	30.36	30.50	30.25	30.35	30.36	30.28	30.30
24	30.56	30.42	30.49	31.91	30.32	30.79	30.25	30.13	30.18	30.37	30.35	30.36
25	30.81	30.40	30.63	31.26	30.47	30.72	31.59	30.13	31.11	32.56	30.35	31.20
26	32.37	30.56	31.12	30.47	30.25	30.35	31.05	30.63	30.83	32.65	30.74	31.39
27	31.70	30.65	31.07	30.25	30.13	30.18	30.63	30.41	30.51	30.77	30.63	30.70
28	30.65	30.48	30.56	30.13	30.06	30.09	32.33	30.40	31.43	30.63	30.53	30.57
29	30.48	30.38	30.42	30.06	30.02	30.04	33.01	30.85	31.74	30.53	30.50	30.51
30	30.38	30.31	30.35	30.02	29.99	30.01	32.82	30.78	31.65	30.50	30.46	30.48
31	---	---	---	30.93	29.97	30.19	32.12	30.64	31.10	---	---	---
MONTH	32.84	30.04	30.49	31.91	29.97	30.27	33.01	29.64	30.31	32.65	30.25	30.52

021720813 SAWMILL BRANCH NEAR SUMMERVILLE, SC--Continued

## WATER-QUALITY RECORDS

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

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: July 2001 to current year.

DISSOLVED OXYGEN: July 2001 to current year.

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

REMARKS.--Temperature records rated fair. Dissolved oxygen records rated poor.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 29.7°C, July 20, 2002; minimum, 3.4°C, Jan. 4, 2002.

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, 29.7°C, July 20; minimum, 3.4°C, Jan. 4.

DISSOLVED OXYGEN: Maximum, 16.0 mg/L, May 5; minimum, 0.0 mg/L, May 15, June 19, July 16-18, July 21-28.

## TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	18.5	16.0	17.3	16.5	13.5	14.9	19.5	18.0	18.6	8.0	6.5	7.2
2	18.6	15.8	17.2	18.7	16.1	17.2	19.2	17.0	17.9	7.0	3.8	5.7
3	19.3	16.9	18.1	19.0	17.1	18.0	17.0	14.3	15.6	4.4	3.5	4.0
4	20.0	17.7	18.8	18.5	17.0	17.8	16.1	13.0	14.6	4.8	3.4	4.1
5	20.1	18.4	19.3	17.0	14.7	16.0	17.9	14.3	15.4	5.2	4.2	4.7
6	21.5	19.4	20.3	14.7	12.5	13.8	16.5	13.8	15.1	9.8	4.5	7.0
7	20.1	17.4	18.6	13.4	10.9	12.2	17.5	14.4	15.8	9.6	7.6	8.4
8	18.0	16.1	17.0	13.8	11.1	12.6	17.6	14.5	16.0	7.6	5.7	6.3
9	17.8	15.1	16.4	14.6	12.2	13.5	19.7	16.5	17.8	6.4	4.9	5.7
10	18.7	16.4	17.6	14.5	12.3	13.5	16.5	14.4	14.9	8.0	5.8	6.8
11	19.7	17.7	18.8	14.6	12.4	13.5	14.6	14.0	14.3	9.1	7.3	8.2
12	20.1	18.4	19.3	14.8	12.7	13.5	14.6	14.1	14.3	9.5	7.9	8.6
13	20.8	18.9	19.9	14.1	11.4	12.8	15.6	14.6	15.0	10.6	8.8	10.0
14	21.7	19.8	20.4	14.1	12.5	13.3	16.8	15.6	16.1	9.7	8.6	9.0
15	20.5	19.2	19.9	15.4	13.8	14.5	17.6	16.0	16.9	9.9	9.0	9.3
16	19.7	18.0	18.9	16.5	14.0	15.2	16.0	14.5	15.1	9.7	8.2	8.6
17	18.1	15.6	16.8	16.0	13.6	14.8	15.9	14.1	14.9	9.0	8.4	8.7
18	16.2	14.2	15.3	15.8	13.6	14.8	16.1	14.4	15.4	9.0	8.2	8.6
19	17.2	14.7	15.9	16.4	14.5	15.4	14.4	13.0	13.6	11.9	9.0	10.2
20	18.6	16.5	17.5	16.5	14.4	15.5	13.3	11.4	12.6	11.4	10.6	11.1
21	20.0	17.8	18.8	15.0	12.3	13.7	11.4	9.6	10.4	10.8	10.1	10.4
22	21.0	19.5	20.1	12.8	10.6	12.0	9.8	8.4	9.2	10.3	9.1	9.8
23	21.0	19.3	20.2	14.6	12.4	13.3	11.1	9.0	9.8	11.1	9.7	10.3
24	22.0	20.2	21.1	17.2	14.2	15.5	12.0	10.3	11.3	13.0	11.0	11.8
25	23.0	20.1	21.7	18.2	16.7	17.4	10.3	9.0	9.4	13.6	12.8	13.2
26	20.1	16.3	18.2	19.6	17.3	18.2	9.3	7.0	8.5	12.8	11.4	11.9
27	16.3	13.5	15.1	19.5	17.0	18.1	7.3	6.0	6.7	13.0	11.8	12.2
28	14.0	12.0	13.0	18.3	16.3	17.4	7.4	5.6	6.6	13.6	12.8	13.2
29	13.1	10.9	12.0	18.4	16.5	17.5	9.5	7.3	8.2	14.1	12.9	13.4
30	12.8	10.2	11.6	18.6	17.0	17.9	8.9	7.5	8.4	14.8	14.0	14.3
31	14.4	11.1	12.7	---	---	---	7.9	6.7	7.4	16.1	14.8	15.4
MONTH	23.0	10.2	17.7	19.6	10.6	15.1	19.7	5.6	13.1	16.1	3.4	9.3



## ASHLEY RIVER BASIN

021720813 SAWMILL BRANCH NEAR SUMMERVILLE, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	5.8	3.1	4.5	7.5	4.3	6.0	5.8	1.5	3.8	6.8	5.6	6.1
2	6.2	3.7	5.0	10.2	3.9	6.6	6.6	1.7	3.9	11.5	5.9	7.0
3	6.0	4.1	5.0	9.2	4.3	6.8	5.5	2.7	4.0	9.5	8.4	8.8
4	5.9	3.8	4.9	7.9	4.9	6.6	5.6	2.5	3.9	9.2	7.7	8.3
5	6.3	3.6	4.9	8.8	4.9	6.7	6.1	2.8	4.5	8.0	6.1	6.8
6	7.1	3.0	4.8	7.4	4.7	6.2	6.7	3.1	5.0	7.9	3.1	6.3
7	4.4	1.6	2.8	7.8	5.7	6.6	7.3	3.9	5.5	6.9	4.5	5.5
8	4.3	1.4	3.0	8.1	6.0	7.1	6.7	3.4	5.1	4.6	3.2	4.0
9	5.4	2.6	3.9	8.2	6.3	7.3	6.6	1.6	4.5	4.1	3.0	3.5
10	6.6	3.3	4.9	9.1	6.0	7.4	7.6	2.7	4.3	4.3	2.8	3.7
11	6.9	3.8	5.2	9.0	6.2	7.7	6.6	1.9	3.9	3.9	1.8	2.9
12	7.4	3.8	5.3	9.2	6.3	7.7	2.2	0.1	0.7	4.8	2.9	3.9
13	7.1	3.2	5.2	8.4	6.3	7.3	0.5	0.2	0.3	7.4	2.3	6.0
14	5.9	0.4	3.4	8.6	5.7	7.1	2.4	0.3	0.9	5.4	2.5	3.7
15	4.2	0.3	1.7	8.3	4.7	6.3	4.2	0.5	2.1	7.1	3.9	5.1
16	5.7	0.4	2.7	8.4	4.8	6.6	3.1	1.6	2.3	4.8	1.7	3.3
17	4.9	0.9	3.2	7.8	5.4	6.5	4.1	1.3	2.8	3.6	1.5	2.2
18	5.1	2.3	3.8	8.9	5.1	6.6	5.3	2.0	3.1	4.0	1.3	2.6
19	6.1	2.9	4.6	8.5	5.2	6.8	4.2	1.0	2.5	4.7	1.4	3.0
20	7.1	3.5	5.5	10.6	5.8	7.7	4.7	2.2	3.3	5.7	3.3	4.1
21	8.1	3.8	6.1	8.8	5.5	7.0	4.5	3.3	3.8	5.0	2.2	3.7
22	8.3	4.1	5.9	8.5	5.8	7.1	4.6	3.8	4.2	4.7	2.6	3.7
23	7.0	3.9	5.4	7.9	5.3	6.4	4.6	2.8	4.0	4.2	2.4	3.4
24	7.6	3.2	5.2	8.4	4.0	6.2	5.4	2.6	4.5	4.6	1.9	3.1
25	8.2	2.9	5.4	8.0	4.4	6.6	5.2	4.5	4.8	4.6	2.5	3.4
26	6.6	2.7	4.4	9.1	4.7	6.4	5.4	4.4	4.9	3.7	1.5	2.5
27	6.4	3.3	4.7	6.5	3.4	4.9	6.3	4.5	5.5	3.1	1.4	2.2
28	6.6	4.4	5.5	5.4	2.6	4.2	6.6	5.8	6.1	5.0	1.5	2.8
29	6.8	5.3	5.9	5.3	2.3	4.0	6.6	5.5	6.1	5.3	2.2	4.2
30	6.7	5.5	6.1	5.7	2.6	4.3	6.5	5.2	5.8	4.5	2.2	3.0
31	7.1	5.3	6.2	---	---	---	6.5	5.7	6.0	6.2	1.8	3.5
MONTH	8.3	0.3	4.7	10.6	2.3	6.5	7.6	0.1	3.9	11.5	1.3	4.3
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	6.4	2.3	4.0	7.8	6.1	6.9	4.6	1.1	2.8	10.8	2.5	5.9
2	7.1	3.1	4.9	7.8	5.6	6.8	1.8	0.5	0.9	16.0	3.3	8.0
3	5.1	3.3	4.1	5.8	2.8	4.0	4.8	0.5	1.5	9.7	1.4	5.8
4	6.1	3.2	4.5	6.0	2.0	3.9	1.6	0.6	1.0	1.4	0.6	0.7
5	6.9	4.2	5.4	7.3	3.7	5.2	2.0	0.7	1.0	6.3	0.7	2.7
6	6.9	4.7	5.7	6.3	4.6	5.5	1.9	0.8	1.1	3.6	0.9	1.6
7	7.4	3.9	5.9	6.6	4.5	5.2	2.6	0.8	1.4	6.4	0.9	3.3
8	5.2	2.7	3.9	5.7	3.6	4.6	2.8	0.6	1.6	9.0	1.8	5.0
9	3.4	1.8	2.6	5.4	2.3	3.9	2.7	0.5	1.2	10.3	2.9	6.3
10	4.0	1.3	2.5	8.0	1.8	4.0	0.9	0.5	0.7	10.5	3.3	6.8
11	3.4	1.0	2.1	5.0	1.5	3.0	2.2	0.6	0.9	9.2	3.1	5.9
12	4.8	1.9	3.4	3.8	1.9	2.7	2.2	0.8	1.0	10.2	2.9	6.1
13	4.4	3.1	3.9	5.3	1.5	3.6	1.6	0.9	1.0	10.2	1.7	6.2
14	4.4	2.6	3.5	3.3	1.6	2.4	2.0	1.0	1.2	2.1	0.1	1.3
15	4.6	2.0	3.7	4.3	1.0	2.4	5.7	1.1	2.4	7.1	0.0	2.9
16	5.2	1.8	3.6	5.1	0.8	2.3	5.8	1.2	2.6	6.9	1.0	4.1
17	5.1	3.2	4.3	6.5	0.5	2.2	4.6	1.3	1.9	6.7	1.9	4.1
18	6.5	3.4	4.8	6.4	0.6	2.5	7.7	0.6	2.6	6.5	1.4	2.9
19	6.3	4.4	5.4	3.8	0.8	1.9	5.0	0.3	1.8	1.5	0.7	1.1
20	7.9	3.4	5.5	3.3	0.9	1.7	4.9	0.2	1.7	2.2	0.5	1.1
21	5.8	3.0	4.6	4.1	1.0	2.1	4.9	0.2	1.9	3.2	0.4	1.5
22	6.9	3.0	4.9	3.6	1.3	2.2	6.3	0.4	2.9	2.9	1.1	2.0
23	5.9	4.2	5.2	2.6	1.3	1.9	4.6	0.3	2.3	3.5	1.0	2.2
24	6.1	4.6	5.1	2.5	1.5	1.8	7.1	0.8	3.7	4.3	1.4	2.9
25	6.3	3.6	4.9	2.8	1.5	1.9	8.1	1.8	4.5	5.7	1.7	3.8
26	6.3	3.4	4.7	4.2	1.7	2.5	6.6	1.7	3.7	6.3	1.6	4.0
27	6.1	3.9	4.9	3.3	1.9	2.3	---	---	---	7.2	1.8	3.9
28	6.8	5.1	6.0	4.3	1.5	2.5	---	---	---	4.4	1.7	3.0
29	---	---	---	2.8	0.7	1.6	---	---	---	5.0	0.8	2.0
30	---	---	---	4.6	0.5	1.8	8.9	1.4	4.9	2.9	0.6	1.3
31	---	---	---	6.7	0.5	1.8	---	---	---	3.4	0.1	1.2
MONTH	7.9	1.0	4.4	8.0	0.5	3.1	---	---	---	16.0	0.0	3.5

## 021720813 SAWMILL BRANCH NEAR SUMMERVILLE, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	8.4	0.1	3.2	2.4	0.9	1.1	---	---	---	2.8	0.5	1.5
2	11.4	0.5	4.6	2.3	1.0	1.3	---	---	---	3.5	0.2	1.5
3	11.9	1.3	4.6	4.4	0.7	1.8	---	---	---	2.9	0.3	1.7
4	7.2	1.3	4.2	5.9	0.1	2.7	---	---	---	2.0	0.1	0.8
5	9.0	2.1	5.0	10.4	1.0	5.0	---	---	---	2.9	0.1	1.0
6	9.0	2.4	5.4	8.9	1.5	5.0	---	---	---	3.0	0.1	0.9
7	4.9	1.3	2.6	8.7	2.2	5.5	4.3	0.9	2.4	2.5	0.2	0.7
8	2.3	1.3	1.5	10.3	2.1	5.7	4.5	0.8	2.7	1.6	0.3	0.6
9	3.3	1.4	2.1	8.3	2.5	5.5	5.6	1.6	3.6	2.4	0.4	1.0
10	4.6	1.6	2.9	8.5	2.3	5.3	6.7	2.3	4.2	1.6	0.5	0.7
11	5.7	2.0	3.6	6.9	2.7	4.2	7.3	2.7	5.0	1.4	0.6	0.7
12	10.6	2.2	5.0	3.5	1.5	2.4	7.7	3.3	5.4	2.4	0.7	1.2
13	7.2	0.9	3.7	4.5	1.3	2.2	7.6	3.5	5.7	2.5	0.8	1.2
14	7.5	0.7	3.1	4.2	1.3	2.0	8.0	3.6	5.7	1.9	0.9	1.1
15	2.5	0.6	1.0	5.2	1.4	2.2	8.9	3.2	6.0	2.8	1.0	1.5
16	3.7	0.8	1.9	5.0	0.0	1.6	9.0	3.6	6.3	2.6	0.4	1.6
17	4.4	1.1	2.4	5.7	0.0	1.4	9.5	3.4	6.2	2.5	0.1	0.9
18	3.1	0.5	1.6	4.5	0.0	2.2	9.8	3.3	6.2	1.3	0.1	0.3
19	3.4	0.0	1.1	5.7	0.3	2.9	9.6	3.2	6.3	2.7	0.1	1.0
20	4.7	0.1	0.9	4.9	0.6	2.7	10.0	0.2	4.1	1.2	0.1	0.5
21	0.4	0.2	0.2	2.1	0.0	0.3	4.5	0.1	0.7	0.3	0.1	0.1
22	5.0	0.3	2.3	1.5	0.0	0.3	2.0	0.1	0.6	0.8	0.1	0.2
23	5.0	0.8	2.2	0.8	0.0	0.1	3.1	0.1	1.0	0.3	0.1	0.1
24	1.6	0.4	0.7	2.1	0.0	0.5	3.6	0.1	1.8	0.3	0.1	0.1
25	0.6	0.5	0.5	3.3	0.0	1.1	2.5	0.1	0.3	4.2	0.1	1.5
26	4.6	0.5	2.2	3.7	0.0	1.2	0.4	0.1	0.1	4.3	0.7	2.7
27	3.7	0.9	2.1	3.5	0.0	1.4	0.7	0.1	0.2	1.8	0.2	0.7
28	3.8	0.7	1.7	4.7	0.0	1.7	4.2	0.2	1.7	1.9	0.1	0.6
29	0.9	0.8	0.8	4.4	0.1	2.1	6.1	1.9	4.0	0.9	0.1	0.3
30	1.5	0.8	0.9	5.5	0.2	2.7	5.5	1.6	3.6	0.8	0.1	0.3
31	---	---	---	6.2	0.8	3.0	4.8	0.9	2.3	---	---	---
MONTH	11.9	0.0	2.5	10.4	0.0	2.5	---	---	---	4.3	0.1	0.9

## ASHLEY RIVER BASIN

021720816 DORCHESTER CREEK NEAR COOKE CROSSROADS, SC

LOCATION.--Lat 32°57'08'', long 80°10'13'', Dorchester County, Hydrologic Unit 03050202, on downstream side of bridge on State Hwy 642, 2.4 mi south of Stallsville, and 0.4 mi upstream of confluence with Ashley River.

DRAINAGE AREA.--Indeterminate.

## WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--August 2001 to September 2002.

GAGE.--Data collection platform and acoustic velocity meter. Elevation of gage is 7 ft above NGVD of 1929 (from topographic map).

REMARKS.--Records poor. This site is strongly affected by astronomical tides.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 465 ft<sup>3</sup>/s, Sep. 4, 2001; minimum discharge, -117 ft<sup>3</sup>/s, Aug. 7, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 220 ft<sup>3</sup>/s, June 26; minimum discharge, -117 ft<sup>3</sup>/s, Aug. 7.

## DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	---	---	---	---	---	---	---	---	---	---	104	-82
2	---	---	---	---	---	---	---	---	---	---	192	-86
3	---	---	---	---	---	---	---	---	105	-77	446	-58
4	---	---	---	---	---	---	---	---	103	-87	465	-39
5	---	---	---	---	---	---	---	---	111	-96	61	-67
6	---	---	---	---	---	---	---	---	135	-84	66	-80
7	---	---	---	---	---	---	---	---	114	-67	58	-63
8	---	---	---	---	---	---	---	---	101	-80	46	-96
9	---	---	---	---	---	---	---	---	96	-82	45	-51
10	---	---	---	---	---	---	---	---	119	-67	60	-83
11	---	---	---	---	---	---	---	---	88	-75	45	-99
12	---	---	---	---	---	---	---	---	81	-73	80	-68
13	---	---	---	---	---	---	---	---	87	-79	64	-91
14	---	---	---	---	---	---	---	---	129	-83	54	-100
15	---	---	---	---	---	---	---	---	120	-96	79	-74
16	---	---	---	---	---	---	---	---	133	-108	75	-100
17	---	---	---	---	---	---	---	---	138	-102	63	-87
18	---	---	---	---	---	---	---	---	138	-91	63	-85
19	---	---	---	---	---	---	---	---	157	-94	73	-110
20	---	---	---	---	---	---	---	---	224	-80	70	-111
21	---	---	---	---	---	---	---	---	198	-88	75	-103
22	---	---	---	---	---	---	---	---	116	-89	71	-83
23	---	---	---	---	---	---	---	---	147	-77	52	-80
24	---	---	---	---	---	---	---	---	110	-94	46	-97
25	---	---	---	---	---	---	---	---	101	-98	74	-94
26	---	---	---	---	---	---	---	---	136	-94	58	-87
27	---	---	---	---	---	---	---	---	84	-100	43	-82
28	---	---	---	---	---	---	---	---	137	-80	56	-88
29	---	---	---	---	---	---	---	---	95	-99	64	-80
30	---	---	---	---	---	---	---	---	108	-84	69	-80
31	---	---	---	---	---	---	---	---	98	-88	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	465	-111

## 021720816 DORCHESTER CREEK NEAR COOKE CROSSROADS, SC--Continued

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	51	-94	54	-82	61	-77	49	-83	66	-84	54	-70
2	52	-101	40	-94	82	-79	55	-81	66	-86	102	-88
3	62	-92	45	-76	50	-90	62	-80	50	-76	62	-39
4	45	-106	57	-94	60	-100	46	-83	54	-72	31	-51
5	68	-76	55	-91	67	-78	45	-84	48	-72	31	-48
6	51	-85	64	-102	47	-80	51	-71	46	-69	42	-53
7	53	-93	58	-76	49	-92	40	-41	175	-30	38	-43
8	60	-80	61	-92	46	-97	36	-58	43	-64	23	-37
9	43	-76	43	-81	45	-89	46	-74	37	-74	20	-36
10	62	-99	56	-91	48	-99	41	-81	65	-78	35	-45
11	49	-82	76	-97	68	-73	---	---	58	-83	33	-53
12	45	-73	83	-95	78	-93	---	---	68	-64	33	-72
13	56	-88	66	-90	94	-90	82	-51	56	-70	43	-46
14	63	-111	63	-104	60	-91	50	-82	36	-80	25	-56
15	52	-87	63	-88	58	-89	43	-65	40	-72	22	-72
16	62	-106	70	-95	65	-89	71	-81	46	-80	18	-57
17	65	-98	76	-84	61	-96	45	-81	55	-51	19	-63
18	71	-86	48	-70	47	-73	36	-68	27	-55	36	-56
19	47	-85	41	-81	56	-82	60	-77	34	-53	21	-60
20	46	-91	53	-69	52	-64	42	-75	36	-52	44	-54
21	62	-86	58	-80	37	-81	36	-62	54	-79	51	-65
22	50	-93	47	-62	48	-68	48	-69	49	-65	45	-37
23	54	-78	37	-61	34	-62	40	-58	36	-69	43	-55
24	41	-90	42	-77	68	-74	45	-79	51	-81	40	-58
25	31	-78	---	---	54	-52	60	-73	58	-91	39	-52
26	44	-57	---	---	45	-71	41	-86	60	-93	22	-53
27	59	-90	---	---	45	-77	77	-86	46	-77	28	-58
28	49	-94	---	---	39	-80	61	-82	40	-95	35	-67
29	57	-90	---	---	45	-79	55	-85	---	---	35	-64
30	68	-80	66	-84	64	-82	47	-87	---	---	31	-59
31	66	-87	---	---	64	-89	47	-86	---	---	38	-67
MONTH	71	-111	---	---	94	-100	---	---	175	-95	102	-88
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	76	-50	66	-77	62	-75	50	-88	136	-62	95	-76
2	38	-47	56	-56	49	-76	68	-81	97	-99	138	-98
3	21	-34	55	-68	63	-81	51	-80	83	-103	156	-115
4	53	-57	71	-46	64	-86	75	-82	95	-72	131	-107
5	71	-58	56	-64	65	-79	74	-86	86	-108	92	-110
6	61	-59	51	-60	58	-82	126	-92	87	-85	104	-98
7	65	-62	46	-54	61	-88	88	-87	101	-117	137	-85
8	63	-56	55	-44	79	-81	83	-94	114	-108	139	-86
9	64	-60	64	-45	88	-83	78	-88	114	-114	107	-104
10	102	-58	53	-59	82	-78	66	-84	146	-114	135	-104
11	77	-64	47	-60	80	-89	67	-83	96	-99	103	-88
12	61	-80	45	-65	73	-91	91	-96	132	-114	103	-92
13	64	-87	79	-66	86	-76	85	-86	133	-108	99	-84
14	70	-71	64	-42	69	-79	87	-82	101	-97	94	-81
15	77	-80	60	-34	74	-88	87	-87	85	-102	211	-62
16	68	-80	68	-35	78	-76	80	-89	104	-86	89	-43
17	77	-71	94	-34	74	-76	86	-90	84	-96	109	-78
18	72	-63	93	-14	71	-88	82	-86	126	-79	79	-76
19	72	-55	84	-31	78	-77	93	-91	102	-109	91	-72
20	57	-60	75	-64	93	-81	76	-94	75	-77	92	-81
21	71	-78	66	-82	100	-81	112	-75	102	-78	92	-81
22	71	-85	72	-77	187	-74	91	-90	102	-107	88	-77
23	75	-80	75	-78	152	-97	118	-79	106	-89	106	-82
24	78	-84	73	-84	74	-83	146	-68	111	-89	94	-78
25	81	-79	63	-80	99	-62	142	-83	183	-84	156	-74
26	77	-83	75	-77	220	-61	101	-94	89	-96	211	-40
27	77	-87	75	-86	165	-95	88	-93	81	-97	98	-49
28	90	-83	67	-80	74	-65	65	-83	---	---	125	-66
29	72	-83	79	-79	50	-60	63	-85	---	---	82	-54
30	60	-85	81	-73	55	-63	70	-89	---	---	90	-77
31	---	---	86	-66	---	---	188	-77	149	-57	---	---
MONTH	102	-87	94	-86	220	-97	188	-96	---	---	211	-115



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 good. Temperature records rated excellent. Dissolved oxygen records rated poor.  
Dissolved oxygen concentrations are not corrected for salinity.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 14,000 microsiemens, Dec. 10, 2001; minimum, 59 microsiemens, Sep. 3, 2001.

WATER TEMPERATURE: Maximum, 35.7°C, July 19, 2002; minimum, 2.0°C, Jan. 4, 2002.

DISSOLVED OXYGEN: Maximum, 16.3 mg/L, Jan. 12, 2002; minimum, 0.7 mg/L, Sep. 10, 11, 2002.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 14,000 microsiemens, Dec. 10; minimum, 83 microsiemens, Aug. 30.

WATER TEMPERATURE: Maximum, 35.7°C, July 19; minimum, 2.0°C, Jan. 4.

DISSOLVED OXYGEN: Maximum, 16.3 mg/L, Jan. 12; minimum, 0.7 mg/L, Sep. 10, 11.

## SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	4320	1670	3020	8840	5230	6860	12200	8350	9810	12500	8460	9590
2	4590	2100	3330	9100	5650	7040	12600	8710	9990	12600	2990	8650
3	4820	2500	3600	9180	5770	7130	13200	8960	10300	12300	254	4860
4	4810	2850	3620	9230	6080	7230	13200	9070	10400	10500	472	5050
5	4940	2990	3640	10000	6330	7630	13000	9220	10400	10900	3630	6730
6	5020	3080	3720	9980	6560	7750	12600	9240	10200	10600	149	4120
7	5460	3110	3870	9550	6720	7580	12400	9190	10100	6850	167	2110
8	5530	3330	4030	9720	6870	7610	12800	9380	10400	7140	231	4530
9	5810	3240	4210	9670	6830	7650	12500	9360	10500	8170	2090	4980
10	5840	3160	4190	9950	6920	7950	14000	434	10500	7940	3050	5470
11	6040	3180	4300	9980	6940	8060	11200	221	3410	---	---	---
12	6190	3290	4480	11200	7030	8800	10800	389	5570	---	---	---
13	7060	3490	4920	11700	7540	9310	12000	2440	7120	5560	142	767
14	6750	2390	5150	11900	7960	9460	11700	4280	7590	7180	183	2130
15	7180	533	3630	12500	8250	9840	11100	5020	7480	5220	146	1250
16	7540	1670	4820	12600	8710	10100	12100	6180	8580	6130	209	2150
17	7690	2380	5040	12400	8920	10000	12200	7260	9030	6080	478	2700
18	8090	3110	5450	12200	8900	9920	10600	3260	6470	5550	1620	3390
19	8370	3620	5830	12200	8990	9920	11500	3380	7220	6410	2020	3960
20	8090	4270	5930	11600	8940	9650	10300	5180	7920	5240	2030	3880
21	8250	4690	6040	12100	8940	9870	10300	5560	7790	5780	2850	4390
22	8170	5000	6180	11500	9210	9860	10600	6770	8300	5820	1800	3560
23	8250	5130	6300	11100	9200	9730	10300	6880	8470	6650	1930	4200
24	7910	5050	6160	10700	8910	9610	10200	7040	8290	6430	2250	4090
25	7070	4830	5780	10500	8400	9140	10400	7410	8480	6500	1790	3830
26	6510	4820	5420	10500	8490	9080	11200	7250	8580	7670	1680	4330
27	7120	4870	5730	10600	8410	9050	10300	7020	8330	8130	2390	4660
28	7720	4750	5980	11000	8300	9130	10900	7640	8760	8220	2430	4680
29	7820	4860	6230	11400	8070	9330	11500	7660	8930	8490	3060	5160
30	8100	5040	6410	11900	8070	9560	11900	7690	9170	8970	3840	5550
31	8430	5100	6610	---	---	---	12500	8200	9550	9260	4050	5810
MONTH	8430	533	4960	12600	5230	8800	14000	221	8630	---	---	---

## 021720816 DORCHESTER CREEK NEAR COOKE CROSSROADS, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	9170	3820	5840	7770	2760	4840	3400	148	521	8580	1460	4670
2	9090	3880	6130	8520	121	3470	3310	238	1400	7870	3460	4930
3	10100	4820	6990	216	155	189	3510	377	1570	6600	130	4100
4	9480	5110	6550	2620	216	751	2700	458	1330	4300	135	791
5	8990	4660	6260	2440	249	972	3640	313	1650	5280	195	1070
6	9820	1230	6410	2500	295	1070	3590	373	1610	4610	195	1680
7	1860	110	363	2480	322	1130	3570	754	1870	4850	244	2230
8	3740	158	939	2540	345	1230	3640	736	1900	5030	653	2510
9	4240	216	1840	2880	364	1330	2750	384	1240	5550	1070	3050
10	4020	192	1280	2850	405	1250	3410	114	1140	5880	2040	3760
11	3470	210	999	3110	443	1660	3310	148	1040	6930	2820	4260
12	4420	261	1740	3870	528	1940	3240	182	1350	7080	3340	4740
13	4380	493	1910	2540	233	784	4050	413	1500	6440	3730	4740
14	5090	593	2500	2590	267	956	3960	556	1750	6120	198	1210
15	5550	1220	3060	2850	393	1270	3960	265	1280	6280	296	2160
16	4930	1060	2820	2870	457	1310	3770	339	1350	6680	1200	3260
17	4610	1170	2570	3090	413	1320	4010	713	1830	6570	1670	3640
18	4930	1420	2850	3210	490	1450	3910	499	1810	6960	137	2880
19	4960	1530	2930	3190	649	1530	3890	910	1940	3300	156	533
20	5160	1080	2990	4060	845	1950	3840	1130	2100	6180	199	2600
21	4810	537	2040	3390	165	1170	4340	1420	2460	6930	679	3610
22	4660	500	2130	1890	203	482	4440	1460	2610	8950	1450	5090
23	5560	403	2720	2610	239	1020	5520	1700	3350	9270	2750	5700
24	6590	1210	3670	2750	285	1230	6120	2100	4010	9240	3480	5720
25	6990	1660	4060	3120	352	1520	6380	2670	4310	9620	4160	5940
26	7640	2100	4510	3730	533	1900	8020	2880	4650	10300	4670	6370
27	6260	2560	3960	4000	278	1730	8020	3110	5040	10600	5250	6950
28	7530	2870	4540	5890	308	2480	8030	2250	4660	10800	5820	7440
29	---	---	---	6120	891	3220	7560	1780	3870	11600	4340	7970
30	---	---	---	6360	1180	3500	7320	1600	4560	11400	1510	6480
31	---	---	---	6360	144	3150	---	---	---	9240	220	3320
MONTH	10100	110	3380	8520	121	1670	8030	114	2320	11600	130	3980
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	8610	363	3990	4310	1310	2640	2010	164	490	1470	139	363
2	8130	1580	4810	4680	1790	2970	4610	219	1960	1720	145	756
3	8950	2910	5640	4860	2220	3190	6080	534	2740	1600	143	542
4	9250	3990	6410	5340	2360	3540	6050	1330	3200	1930	233	1060
5	9140	4420	6560	5910	2700	3860	7960	1870	4140	2290	375	1340
6	9170	5100	6890	6720	2950	4320	8550	2450	4890	3040	639	1740
7	9580	999	6110	8250	3330	5000	9360	1810	5040	3460	673	2100
8	11500	2580	6640	7710	3720	5120	9490	3240	5700	3760	1120	2420
9	12100	2020	6300	7880	4150	5330	10000	2740	6080	4400	1270	2670
10	12100	3370	7110	7830	4560	5500	10100	3380	6590	5000	1500	3050
11	12000	4980	7700	8420	443	4890	10200	2620	6660	5170	1880	3210
12	12300	6020	8150	8740	3280	5430	9700	4640	6980	6010	1570	3390
13	12600	6910	8670	9490	4190	6290	10000	4820	7230	5480	2020	3440
14	12700	7420	9070	9350	4860	6340	10300	3940	7170	5070	2040	3320
15	12800	6350	9200	8450	4120	6400	10500	3760	7090	3670	136	777
16	12900	4810	8560	9330	4470	6850	10400	3730	6510	2220	162	489
17	13000	5150	9020	9750	4930	6760	9660	4120	6420	2660	303	1170
18	12900	5040	9180	10400	4540	6950	9350	4180	6530	3140	406	1670
19	13800	6480	9690	10300	3260	6850	9300	3700	6680	3180	251	1290
20	13200	1080	8760	10700	3300	6780	10200	2800	6740	3400	298	1540
21	13900	348	6580	9120	754	5910	8990	395	3250	3620	690	2110
22	11600	105	3020	9620	150	2950	9720	621	4150	4020	836	2470
23	7550	132	2130	7880	321	3140	8710	1280	4380	4160	1350	2700
24	8430	321	3050	6120	122	1260	9190	1980	5520	4360	1480	2810
25	7760	144	2110	6100	146	997	9190	173	1430	4930	109	2270
26	6980	115	970	6270	257	2170	6060	327	2400	1580	132	195
27	2900	136	338	6320	1350	3470	5930	796	2750	1880	213	771
28	3410	255	1110	6420	2090	3800	5580	97	1100	1980	246	886
29	3540	408	1530	6400	2190	3980	3000	107	350	2320	310	1120
30	3780	892	2130	6640	2710	4260	141	83	107	2970	387	1470
31	---	---	---	7360	154	3780	1720	123	318	---	---	---
MONTH	13900	105	5710	10700	122	4540	10500	83	4340	6010	109	1770

## ASHLEY RIVER BASIN

021720816 DORCHESTER CREEK NEAR COOKE CROSSROADS, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	21.2	17.1	20.2	17.7	14.8	16.5	20.1	18.8	19.5	9.6	6.8	8.4
2	21.0	17.0	19.9	19.8	17.0	18.1	19.6	17.8	18.8	9.0	4.1	6.7
3	21.4	17.9	20.2	19.6	17.5	18.5	19.0	15.0	17.0	7.3	3.5	5.0
4	21.9	18.1	20.5	19.2	17.5	18.4	17.4	12.9	15.8	6.5	2.0	4.9
5	22.0	18.7	20.8	18.6	14.9	17.1	17.4	14.6	16.2	6.4	3.2	5.3
6	22.9	20.0	21.5	17.3	12.1	15.2	17.3	14.0	16.1	10.7	4.8	7.8
7	21.6	17.7	19.9	15.7	10.4	13.9	17.8	14.9	16.6	9.2	5.6	7.6
8	20.3	15.0	18.4	15.5	11.0	14.0	18.7	15.6	17.3	8.8	4.9	7.3
9	19.5	15.1	18.2	16.1	12.7	14.9	19.5	17.3	18.5	9.0	4.8	7.2
10	20.6	17.4	19.4	16.8	13.8	15.6	18.3	14.6	17.3	11.0	7.1	8.9
11	22.6	19.3	20.7	17.8	14.0	15.8	16.6	14.0	15.4	---	---	---
12	23.4	20.1	21.4	16.7	14.0	15.8	16.8	14.4	15.9	---	---	---
13	25.1	20.9	22.1	15.6	12.6	14.9	18.5	16.6	17.2	11.9	8.8	10.3
14	23.5	21.7	22.3	15.5	13.2	14.8	19.2	17.0	17.9	10.4	6.6	8.7
15	23.0	20.3	21.8	16.1	14.7	15.4	19.1	17.0	18.2	12.0	8.0	9.9
16	22.2	18.7	20.8	16.2	14.3	15.5	17.2	13.7	16.1	10.7	5.6	8.6
17	20.9	15.9	18.7	16.2	13.5	15.2	17.1	14.2	16.2	10.5	7.3	9.4
18	19.2	13.6	17.0	15.9	13.2	15.0	17.2	14.8	16.3	10.8	7.5	9.6
19	18.5	14.7	17.2	16.8	14.4	15.7	16.4	12.5	14.5	13.7	10.4	11.7
20	19.4	17.1	18.3	16.6	13.8	15.6	15.2	10.6	13.8	13.0	11.2	12.4
21	20.7	18.4	19.4	15.9	11.8	14.3	13.6	8.3	11.6	12.3	11.2	11.8
22	21.7	19.9	20.6	14.7	10.3	13.2	12.2	8.4	10.6	12.1	8.3	10.8
23	22.2	19.7	20.9	15.5	13.1	14.4	13.2	9.8	11.7	13.8	10.1	12.4
24	23.3	21.0	22.0	18.1	15.1	16.2	13.7	12.2	13.0	17.6	13.4	15.1
25	24.7	19.7	22.8	19.5	16.8	18.0	12.6	9.8	11.2	16.2	13.9	15.5
26	21.4	16.2	19.6	21.6	17.7	18.8	11.7	8.4	10.8	14.9	12.3	14.0
27	19.3	13.7	17.3	22.3	18.2	19.3	10.4	6.1	9.0	17.2	13.3	14.9
28	17.6	12.5	15.7	21.4	17.6	19.2	10.3	6.3	9.1	17.8	15.0	16.1
29	16.6	11.6	15.1	21.0	17.6	19.3	11.8	8.7	10.3	17.1	13.0	15.4
30	16.1	11.4	14.7	20.3	17.9	19.3	10.5	8.4	9.9	17.9	14.8	16.3
31	17.2	12.1	15.2	---	---	---	9.9	6.9	8.8	18.6	16.2	17.1
MONTH	25.1	11.4	19.4	22.3	10.3	16.3	20.1	6.1	14.5	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	19.7	16.7	17.9	11.5	5.1	9.4	23.3	19.6	21.0	24.5	21.0	23.1
2	18.1	13.9	16.5	15.0	9.5	11.9	23.9	17.6	21.0	26.8	22.6	24.6
3	16.7	12.1	14.5	17.0	14.9	15.6	24.2	19.8	21.8	27.3	23.1	25.2
4	15.1	7.4	12.9	15.4	8.0	11.9	22.2	17.4	20.4	24.8	21.9	23.3
5	12.5	7.1	10.3	12.2	5.2	9.8	20.9	16.7	19.4	24.1	19.9	22.0
6	11.6	8.9	10.6	13.8	6.3	11.3	20.6	15.7	18.7	26.8	19.1	23.3
7	13.4	11.1	12.5	17.1	10.2	13.8	21.1	15.7	18.4	29.6	23.1	25.3
8	15.2	9.8	12.2	18.5	13.4	15.6	22.7	16.2	19.2	30.6	23.9	26.0
9	14.5	8.8	12.0	21.0	15.0	17.4	25.1	18.8	21.1	32.4	24.3	27.0
10	17.0	12.8	14.7	22.2	16.4	18.8	21.9	19.5	20.8	31.7	24.7	27.5
11	16.3	13.0	14.7	17.8	13.3	16.0	24.3	18.8	21.0	29.8	25.7	27.8
12	14.1	9.1	12.4	17.3	13.7	15.9	23.7	19.9	21.6	30.7	24.8	27.9
13	13.0	9.3	11.6	20.4	15.7	17.6	23.3	19.7	21.6	30.4	25.0	27.9
14	13.0	9.2	11.7	21.0	14.5	17.4	24.9	20.4	22.5	28.8	21.8	25.1
15	12.9	9.2	11.5	21.7	16.2	18.7	26.8	20.0	23.2	26.5	19.2	23.5
16	13.4	9.9	12.0	22.5	17.0	19.6	26.4	20.7	23.5	26.3	20.2	23.9
17	12.9	8.6	11.1	22.9	19.0	20.5	27.8	21.8	24.3	26.8	21.4	24.5
18	12.2	6.5	10.0	24.1	19.8	21.3	27.5	22.4	24.8	26.7	22.7	25.0
19	12.2	6.7	10.3	22.2	19.1	20.7	27.6	22.7	24.9	22.7	17.5	20.0
20	14.9	11.0	12.8	23.3	19.6	21.2	28.1	23.6	25.7	22.9	16.2	20.6
21	18.5	13.8	15.8	21.5	17.2	19.8	29.1	24.6	26.6	25.7	19.1	21.4
22	15.8	12.6	14.4	19.1	14.0	16.7	31.7	24.9	26.9	25.9	19.1	21.5
23	14.5	11.2	13.6	18.2	11.0	15.9	28.8	23.6	25.6	26.8	19.9	22.1
24	15.8	10.6	13.3	20.6	14.1	17.5	27.3	22.6	25.1	28.4	20.4	23.3
25	15.9	9.9	13.2	23.3	16.6	19.1	27.9	23.1	25.3	28.1	21.5	24.4
26	16.5	11.2	14.0	25.0	18.3	20.7	25.3	21.2	24.2	27.8	22.0	24.9
27	14.6	9.5	12.5	24.5	19.8	21.6	24.7	21.6	23.0	26.4	22.1	24.7
28	11.6	6.1	9.6	22.0	18.5	20.5	26.1	21.3	23.7	25.9	22.5	24.6
29	---	---	---	21.4	17.2	19.9	28.0	23.6	25.2	26.1	23.3	25.0
30	---	---	---	22.1	19.3	20.7	25.0	20.0	22.8	27.2	24.2	25.5
31	---	---	---	23.2	20.6	21.4	---	---	---	28.4	23.7	25.7
MONTH	19.7	6.1	12.8	25.0	5.1	17.4	31.7	15.7	22.8	32.4	16.2	24.4

ASHLEY RIVER BASIN

021720816 DORCHESTER CREEK NEAR COOKE CROSSROADS, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	29.0	24.7	26.9	30.6	27.1	28.8	29.2	25.5	27.4	25.8	24.1	24.9
2	30.9	26.5	28.2	30.7	27.0	29.0	30.2	26.2	28.7	26.0	24.1	25.1
3	32.4	27.4	29.0	30.9	26.9	29.0	30.6	27.2	29.2	29.6	24.3	26.4
4	32.0	27.7	29.1	32.9	27.3	29.5	30.0	27.7	28.8	31.6	25.2	27.5
5	33.1	27.2	29.1	35.0	28.3	30.4	33.8	27.2	29.1	31.7	26.1	28.3
6	32.3	27.4	29.1	33.3	29.0	30.6	34.1	28.3	30.0	29.3	27.2	28.2
7	30.1	27.5	28.6	33.2	29.0	30.6	30.7	28.4	29.5	28.0	25.0	27.1
8	31.3	25.5	28.1	32.7	26.9	29.7	29.6	26.0	28.1	27.8	24.9	26.9
9	30.9	24.8	27.8	33.4	27.3	30.1	28.6	24.5	27.1	27.3	25.0	26.5
10	30.4	24.0	27.4	33.6	27.2	30.4	27.9	23.8	26.5	27.1	23.9	26.1
11	30.4	24.1	27.5	31.4	27.4	29.4	27.9	23.8	26.4	27.9	24.2	26.4
12	29.8	25.0	27.9	29.6	26.4	28.1	28.1	24.1	26.4	27.3	25.1	26.6
13	30.8	25.9	28.3	29.0	25.8	27.9	27.2	24.5	26.4	28.3	25.2	26.9
14	30.2	26.6	28.6	30.7	27.0	28.7	28.7	25.6	27.3	28.0	26.1	27.2
15	30.2	26.2	28.2	31.8	27.3	29.3	29.1	26.6	27.9	27.1	24.8	26.1
16	29.1	24.9	27.5	31.3	27.7	29.7	32.2	27.0	28.9	29.5	25.2	26.8
17	28.8	26.0	27.7	32.9	28.8	30.4	32.9	27.5	29.4	30.1	25.1	27.4
18	27.8	25.6	27.0	33.7	28.9	30.7	33.5	27.7	29.5	28.9	26.4	27.5
19	29.8	25.7	27.3	35.7	29.3	31.4	33.1	27.8	29.9	29.3	25.2	27.1
20	28.7	25.0	27.0	35.4	29.9	31.9	33.0	27.7	29.8	27.6	24.6	26.8
21	26.8	24.2	25.9	33.6	27.4	30.9	31.6	26.8	29.1	27.7	24.8	26.7
22	25.9	23.2	24.3	32.4	26.4	29.3	30.1	26.2	28.6	27.5	24.6	26.6
23	29.0	23.1	25.6	29.6	26.4	28.0	31.8	25.9	29.1	27.2	25.2	26.5
24	29.7	24.7	27.0	30.2	24.9	27.3	32.4	27.4	30.0	26.7	24.7	25.9
25	27.4	24.8	26.5	33.5	26.0	29.1	31.1	26.3	28.1	26.2	23.9	25.2
26	28.5	24.3	26.6	33.2	26.9	29.8	28.9	25.9	27.6	27.1	24.4	25.6
27	29.1	25.6	27.2	32.2	27.1	30.0	28.1	25.7	27.3	29.2	25.7	26.8
28	32.7	26.0	28.9	32.7	27.8	30.3	27.8	24.3	25.7	29.0	25.4	27.1
29	30.6	27.2	28.8	32.5	28.0	30.3	26.5	24.6	25.0	27.4	25.3	26.4
30	30.3	27.2	28.8	33.2	28.0	30.6	24.6	24.0	24.2	27.0	24.4	26.1
31	---	---	---	31.9	27.5	29.5	25.7	23.7	24.4	---	---	---
MONTH	33.1	23.1	27.7	35.7	24.9	29.7	34.1	23.7	27.9	31.7	23.9	26.6

## ASHLEY RIVER BASIN

021720816 DORCHESTER CREEK NEAR COOKE CROSSROADS, SC--Continued

## OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	10.2	5.6	6.9	10.4	7.5	8.3	8.0	5.4	6.4	13.4	9.9	11.1
2	9.4	5.7	6.8	9.7	6.5	7.9	8.1	5.7	6.5	12.3	10.3	11.0
3	8.9	6.0	6.8	9.3	6.5	7.5	7.5	6.0	6.6	11.5	10.4	11.0
4	9.1	6.1	7.0	9.1	6.2	7.3	8.3	6.2	7.0	12.3	9.9	11.0
5	8.6	6.1	6.9	9.1	6.5	7.2	8.1	6.5	7.1	13.2	10.5	11.4
6	8.2	5.6	6.6	8.9	6.7	7.5	8.2	6.4	7.0	11.9	9.4	10.5
7	7.8	5.7	6.4	9.2	7.0	7.9	8.4	5.9	6.8	13.5	9.4	10.6
8	8.2	6.0	6.9	9.6	7.0	7.8	8.7	6.0	6.8	14.2	8.7	10.5
9	8.4	6.2	7.2	10.5	6.9	7.8	8.9	5.9	6.9	14.2	8.3	10.6
10	9.4	6.2	7.1	12.8	7.0	8.0	9.6	6.2	6.9	13.7	8.0	10.4
11	9.9	5.9	6.9	11.5	7.0	8.1	8.1	6.1	7.0	12.5	7.4	10.0
12	10.8	6.0	7.0	12.3	7.0	8.1	9.6	6.1	7.0	16.3	9.1	10.8
13	10.3	5.8	6.9	11.0	7.0	8.0	9.0	6.2	6.8	10.8	8.2	9.0
14	7.9	4.8	6.1	10.4	7.1	8.0	9.0	5.3	6.8	11.6	8.3	9.3
15	8.8	3.6	5.7	8.8	7.0	7.5	8.5	5.0	6.8	11.8	8.5	9.4
16	7.3	5.1	5.9	8.7	6.7	7.2	8.8	6.6	7.3	14.8	8.2	10.3
17	8.6	5.5	6.4	8.9	6.6	7.3	8.5	6.4	7.3	13.4	8.3	10.1
18	8.7	5.9	6.8	8.7	6.6	7.2	9.0	6.3	7.4	11.6	7.6	9.4
19	8.4	6.2	7.0	8.7	6.5	7.0	9.6	6.3	7.7	11.7	7.3	9.2
20	8.2	6.2	6.9	8.8	6.3	7.0	9.9	5.8	7.8	11.0	7.3	8.9
21	7.8	5.8	6.7	8.9	6.0	7.0	10.2	7.2	8.6	9.7	6.9	8.3
22	7.3	5.8	6.4	9.4	6.4	7.6	10.5	8.0	9.1	12.1	7.4	9.3
23	7.2	5.3	6.1	9.2	6.6	7.4	10.4	8.3	9.1	12.3	7.7	9.6
24	7.4	4.8	5.9	9.4	6.3	7.1	10.6	7.9	8.8	11.5	6.9	8.7
25	8.2	4.3	5.9	10.1	5.5	6.8	13.1	7.7	9.8	12.7	6.2	8.4
26	9.9	4.7	6.3	12.5	5.6	7.2	13.4	8.6	10.3	12.5	6.1	8.5
27	11.2	5.9	7.2	12.6	5.3	7.2	13.6	9.3	10.9	12.0	6.0	8.1
28	11.7	6.3	8.0	11.3	5.8	7.2	14.0	9.6	11.1	10.6	4.8	7.7
29	12.3	7.0	8.5	10.3	5.8	7.1	13.5	9.7	10.8	---	---	---
30	11.7	7.2	8.7	9.5	6.0	6.9	13.6	9.3	10.8	---	---	---
31	11.5	7.5	8.7	---	---	---	13.4	10.0	11.1	---	---	---
MONTH	12.3	3.6	6.9	12.8	5.3	7.5	14.0	5.0	8.1	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	12.7	9.3	10.5	6.2	4.6	5.4	10.2	4.4	6.3
2	---	---	---	9.8	6.9	8.6	7.0	4.4	5.6	8.8	4.4	5.6
3	---	---	---	6.9	5.2	6.4	6.1	3.7	5.1	10.2	3.7	5.6
4	---	---	---	10.5	5.8	8.4	7.8	3.9	5.8	6.0	3.0	4.5
5	---	---	---	11.9	7.7	9.3	9.7	4.8	6.3	11.8	3.7	6.9
6	12.2	8.1	9.2	12.3	7.3	8.9	10.2	4.7	6.3	12.7	4.4	7.0
7	9.2	7.6	7.9	13.0	6.7	8.7	9.7	5.0	6.4	12.6	5.0	7.0
8	10.4	7.5	8.6	12.7	6.3	8.5	11.0	5.4	6.7	10.9	4.4	6.6
9	11.9	7.8	9.1	11.8	5.6	7.9	10.2	4.7	6.5	11.4	4.2	6.7
10	9.4	6.6	8.0	13.8	4.9	8.0	8.1	4.0	5.9	10.8	4.0	6.5
11	11.3	6.6	8.3	13.5	6.2	7.9	8.8	4.6	6.0	11.5	3.5	6.6
12	11.4	7.6	8.7	11.8	6.5	7.8	8.6	3.4	5.5	12.0	4.3	7.1
13	12.6	7.7	9.1	9.8	6.4	7.5	7.1	3.0	4.5	11.5	4.0	6.8
14	10.8	8.0	9.0	11.6	6.2	7.8	5.9	3.4	4.4	11.4	3.5	6.4
15	10.2	8.0	8.8	11.4	4.8	7.5	6.9	3.5	4.8	13.3	3.4	7.3
16	11.0	7.7	9.1	11.7	4.7	7.5	6.1	3.5	4.6	12.2	4.5	7.5
17	11.0	7.7	9.1	---	---	---	6.6	3.4	4.6	10.8	5.2	7.4
18	10.7	8.3	9.4	---	---	---	7.0	3.6	4.8	10.9	3.3	6.0
19	11.2	8.3	9.6	---	---	---	8.4	3.5	5.3	6.5	3.2	4.8
20	10.3	7.1	9.0	---	---	---	8.5	2.8	4.9	10.9	4.2	6.7
21	12.9	6.1	9.0	---	---	---	10.6	2.7	5.5	11.8	5.5	7.3
22	12.2	6.3	9.2	---	---	---	11.3	2.7	5.4	13.2	5.5	7.8
23	12.1	7.4	9.1	12.2	5.3	7.5	10.9	2.6	5.2	13.7	5.4	8.1
24	13.3	7.9	9.8	12.6	4.9	7.5	11.8	4.0	5.8	12.3	5.0	8.0
25	12.8	8.2	9.8	11.6	4.5	7.0	10.3	4.2	5.6	12.3	4.6	7.7
26	12.2	7.9	9.6	12.5	3.3	6.9	11.3	4.1	5.7	12.2	4.2	7.4
27	13.4	7.3	10.0	10.6	3.3	6.3	8.2	4.1	5.1	11.4	4.3	7.0
28	12.6	9.1	10.2	9.7	4.2	6.1	9.9	4.0	5.7	10.0	4.0	6.6
29	---	---	---	8.6	4.9	6.3	10.8	3.7	6.1	9.3	3.9	6.3
30	---	---	---	7.3	3.5	5.9	10.0	4.2	6.1	8.3	3.6	5.8
31	---	---	---	6.9	3.2	5.6	---	---	---	8.2	2.4	5.5
MONTH	---	---	---	---	---	---	11.8	2.6	5.5	13.7	2.4	6.7

## 021720816 DORCHESTER CREEK NEAR COOKE CROSSROADS, SC--Continued

## OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	10.4	2.4	6.0	7.8	2.6	4.6	4.8	1.3	2.6	5.9	3.8	4.9
2	9.6	3.4	6.1	8.7	3.1	4.9	7.9	1.5	3.9	7.4	3.5	4.8
3	8.9	2.9	5.0	8.1	2.3	4.6	9.0	2.2	4.7	6.6	3.4	4.7
4	---	---	---	10.6	2.2	5.0	9.6	3.3	4.9	7.3	3.0	4.3
5	---	---	---	11.7	2.7	5.4	11.2	3.2	5.0	7.4	3.2	4.2
6	---	---	---	11.4	3.1	5.6	11.2	3.2	5.2	7.3	3.0	3.7
7	---	---	---	14.2	3.8	6.9	9.0	2.5	5.4	6.0	3.1	3.8
8	---	---	---	15.0	4.4	8.2	8.4	2.8	5.1	5.4	3.4	3.8
9	---	---	---	13.8	4.3	9.2	7.2	3.0	4.9	4.5	2.9	3.7
10	---	---	---	12.8	3.6	9.1	9.5	3.1	6.4	4.2	0.7	3.0
11	---	---	---	9.8	2.9	5.9	11.0	4.4	7.5	4.1	0.7	2.4
12	---	---	---	5.9	1.9	3.9	11.8	4.4	7.6	3.9	1.9	2.9
13	11.1	2.8	6.5	6.5	2.8	4.6	10.4	4.4	7.2	4.8	2.1	3.4
14	9.4	3.1	6.2	9.7	2.8	5.9	8.6	3.1	6.2	6.3	2.8	4.1
15	9.5	2.9	6.1	11.4	3.9	7.3	10.0	2.9	6.2	5.8	2.8	4.7
16	8.2	2.7	5.8	9.9	4.1	7.0	11.9	3.3	7.5	6.4	1.2	3.3
17	8.9	3.2	5.3	11.7	3.0	5.7	11.5	3.2	7.4	5.7	1.2	3.5
18	7.6	2.9	4.8	10.8	2.4	5.3	10.6	2.6	6.1	5.8	1.4	3.3
19	9.7	3.5	5.2	8.7	3.1	5.6	10.6	2.0	6.6	9.3	2.9	5.2
20	10.5	3.3	5.0	9.1	2.9	5.7	---	---	---	8.2	3.6	5.4
21	10.4	3.0	5.2	8.3	3.2	5.6	---	---	---	7.3	3.6	4.8
22	6.4	4.0	4.9	10.2	3.2	5.9	---	---	---	7.6	3.8	4.7
23	8.0	3.6	5.5	10.6	3.6	5.9	---	---	---	5.8	3.8	4.4
24	9.9	3.6	5.9	10.2	4.2	6.3	---	---	---	5.9	3.8	4.4
25	6.8	3.6	5.4	10.7	4.3	6.7	---	---	---	6.5	3.8	4.6
26	7.2	1.7	4.3	11.5	4.1	7.1	---	---	---	5.2	3.5	4.3
27	5.9	1.5	3.4	11.7	4.3	7.4	---	---	---	4.8	3.0	3.9
28	6.3	1.8	3.9	10.9	4.5	7.3	---	---	---	5.7	2.9	4.2
29	6.4	1.6	4.0	9.0	4.0	6.4	5.4	3.3	4.8	6.3	3.7	4.6
30	6.4	2.3	4.3	9.7	3.8	6.3	6.2	4.6	5.5	7.8	3.7	4.8
31	---	---	---	8.7	1.6	5.3	6.1	4.2	5.3	---	---	---
MONTH	---	---	---	15.0	1.6	6.1	---	---	---	9.3	0.7	4.1

ASHLEY RIVER BASIN

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 2002.

GAGE.--Data collection platform and acoustic velocity meter. Elevation of gage is 7 ft above NGVD of 1929 (from topographic map).

REMARKS.--Records poor. This site is strongly affected by astronomical tides.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 793 ft<sup>3</sup>/s, Aug. 20, 2001; minimum discharge,, -232 ft<sup>3</sup>/s, Nov. 12, 2001.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 218 ft<sup>3</sup>/s, Oct. 16; minimum discharge, -232 ft<sup>3</sup>/s, Nov. 12.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	---	---	---	---	---	---	---	---	---	---	148	-151
2	---	---	---	---	---	---	---	---	161	-164	182	-160
3	---	---	---	---	---	---	---	---	176	-130	463	-113
4	---	---	---	---	---	---	---	---	173	-126	188	-87
5	---	---	---	---	---	---	---	---	174	-126	146	-96
6	---	---	---	---	---	---	---	---	107	-90	135	-119
7	---	---	---	---	---	---	---	---	104	-101	146	-140
8	---	---	---	---	---	---	---	---	51	-141	154	-126
9	---	---	---	---	---	---	---	---	59	-138	155	-144
10	---	---	---	---	---	---	---	---	73	-126	163	-112
11	---	---	---	---	---	---	---	---	49	-92	133	-83
12	---	---	---	---	---	---	---	---	75	-78	189	-147
13	---	---	---	---	---	---	---	---	75	-116	166	-185
14	---	---	---	---	---	---	---	---	111	-111	174	-175
15	---	---	---	---	---	---	---	---	184	-161	211	-216
16	---	---	---	---	---	---	---	---	154	-131	197	-219
17	---	---	---	---	---	---	---	---	145	-208	194	-225
18	---	---	---	---	---	---	---	---	222	-210	179	-206
19	---	---	---	---	---	---	---	---	182	-162	162	-211
20	---	---	---	---	---	---	---	---	793	-92	157	-197
21	---	---	---	---	---	---	---	---	155	-145	187	-186
22	---	---	---	---	---	---	---	---	161	-175	161	-176
23	---	---	---	---	---	---	---	---	187	-183	170	-126
24	---	---	---	---	---	---	---	---	163	-132	145	-130
25	---	---	---	---	---	---	---	---	132	-105	102	-114
26	---	---	---	---	---	---	---	---	176	-173	121	-125
27	---	---	---	---	---	---	---	---	173	-137	166	-90
28	---	---	---	---	---	---	---	---	92	-125	141	-98
29	---	---	---	---	---	---	---	---	128	-90	159	-118
30	---	---	---	---	---	---	---	---	114	-121	165	-173
31	---	---	---	---	---	---	---	---	120	-165	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	463	-225

ASHLEY RIVER BASIN

021720817 EAGLE CREEK NEAR NORTH CHARLESTON, SC--Continued

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	166	-150	168	-184	182	-201	97	-115	114	-181	123	-143
2	172	-174	155	-158	142	-152	143	-157	137	-145	176	-131
3	174	-162	132	-124	180	-151	177	-205	148	-180	118	-111
4	180	-159	140	-156	187	-158	100	-112	124	-130	140	-107
5	131	-111	178	-177	161	-155	140	-113	47	-113	107	-107
6	76	-85	---	---	135	-105	81	-68	103	-83	113	-89
7	156	-144	---	---	133	-91	16	-31	143	-81	72	-100
8	167	-135	---	---	107	-166	30	-86	98	-89	101	-95
9	143	-195	120	-173	104	-176	65	-47	119	-136	85	-123
10	173	-162	178	-181	182	-190	56	-116	128	-122	152	-92
11	186	-168	179	-152	168	-114	---	---	104	-104	135	-103
12	162	-161	146	-232	145	-150	---	---	129	-100	141	-116
13	179	-148	193	-200	162	-213	85	-79	105	-108	140	-92
14	192	-176	171	-228	162	-174	130	-83	98	-102	119	-132
15	211	-217	204	-194	148	-136	111	-88	95	-92	115	-120
16	218	-203	185	-210	99	-144	78	-114	114	-105	117	-138
17	169	-201	165	-149	103	-176	60	-138	97	-82	107	-118
18	171	-150	172	-125	31	-136	37	-104	90	-68	118	-122
19	211	-160	171	-161	130	-118	65	-109	84	-69	96	-118
20	164	-167	136	-118	51	-115	67	-78	102	-80	116	-96
21	174	-191	179	-156	85	-101	120	-87	78	-83	125	-93
22	172	-117	127	-123	105	-82	80	-52	86	-123	130	-98
23	---	---	91	-122	59	-108	76	-101	93	-110	109	-99
24	136	-100	73	-112	69	-109	83	-136	106	-121	120	-96
25	102	-147	78	-127	84	-131	83	-87	111	-139	135	-111
26	93	-75	90	-126	109	-128	122	-144	103	-136	138	-132
27	140	-123	85	-85	67	-93	142	-197	139	-123	139	-136
28	107	-84	87	-127	121	-171	135	-121	119	-152	148	-137
29	149	-185	123	-166	118	-179	153	-85	---	---	146	-152
30	105	-208	159	-202	122	-158	135	-154	---	---	151	-150
31	144	-182	---	---	130	-131	97	-188	---	---	151	-120
MONTH	---	---	---	---	187	-213	---	---	148	-181	176	-152
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	160	-104	133	-90	141	-98	136	-87	142	-94	129	-74
2	143	-121	129	-84	133	-91	138	-95	143	-103	157	-110
3	123	-93	110	-83	139	-95	121	-93	137	-103	167	-103
4	118	-100	131	-81	137	-102	137	-100	144	-105	166	-113
5	124	-95	119	-96	140	-105	147	-107	146	-104	162	-116
6	120	-96	116	-85	134	-99	170	-116	142	-121	147	-123
7	122	-89	131	-88	143	-106	147	-109	144	-128	162	-123
8	112	-104	112	-96	136	-119	165	-113	157	-139	167	-117
9	104	-100	128	-108	135	-113	167	-118	156	-122	154	-127
10	127	-105	125	-105	167	-107	143	-116	158	-130	165	-115
11	120	-113	142	-121	158	-123	153	-119	145	-123	152	-106
12	126	-113	139	-119	155	-115	155	-116	145	-114	145	-109
13	126	-119	141	-108	162	-127	166	-112	151	-106	142	-91
14	130	-113	126	-103	155	-132	155	-121	142	-102	141	-100
15	120	-118	141	-113	150	-126	143	-105	148	-103	155	-84
16	119	-112	135	-105	148	-127	155	-105	139	-98	133	-91
17	135	-107	142	-100	146	-112	140	-114	142	-98	157	-100
18	127	-100	139	-94	137	-117	167	-106	144	-110	155	-109
19	124	-100	146	-97	153	-106	149	-108	154	-117	161	-107
20	98	-107	145	-106	165	-121	153	-125	135	-107	153	-101
21	117	-117	134	-116	153	-124	156	-114	155	-117	153	-108
22	134	-110	155	-119	158	-105	168	-115	140	-113	146	-114
23	142	-131	157	-109	157	-117	153	-103	161	-105	152	-110
24	148	-134	153	-122	146	-128	153	-108	138	-104	153	-109
25	150	-135	150	-120	152	-110	156	-104	171	-101	147	-106
26	154	-128	153	-129	157	-101	156	-112	147	-102	165	-83
27	149	-123	152	-115	169	-99	134	-108	132	-107	143	-89
28	156	-117	145	-116	145	-99	128	-91	154	-84	142	-103
29	149	-119	154	-113	132	-84	127	-90	129	-100	135	-86
30	143	-113	159	-106	125	-87	136	-90	159	-62	148	-95
31	---	---	148	-102	---	---	174	-86	158	-76	---	---
MONTH	160	-135	159	-129	169	-132	174	-125	171	-139	167	-127



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 good. 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, 97 microsiemens, July 28, 2001.

WATER TEMPERATURE: Maximum, 36.5°C, July 21, 2002; minimum, 1.6°C, Jan. 5, 2002.

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, 17,200 microsiemens, June 21; minimum, 135 microsiemens, July 31.

WATER TEMPERATURE: Maximum, 36.5°C, July 21; minimum, 1.6°C, Jan. 5.

DISSOLVED OXYGEN: Maximum, 15.6 mg/L, July 9; minimum, 0.7 mg/L, Aug. 19.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	5910	3480	4600	10800	7410	8930	14000	9630	11600	14700	10200	11900
2	6190	3750	4840	11100	7640	9090	14300	10000	11800	14800	6710	11700
3	6210	4010	4970	11200	7840	9220	14800	10300	12100	14800	3280	10300
4	6310	4070	5080	11300	8040	9330	14900	10700	12300	13400	5790	9720
5	6520	4100	5110	11900	8260	9750	14800	10900	12400	13500	7860	10600
6	6590	4180	5170	12000	8570	9780	14600	10800	12300	13300	539	7760
7	6990	4190	5380	---	---	---	14500	10700	12300	10900	670	5910
8	7110	4410	5550	11700	8090	9460	14800	10800	12600	10800	2830	7260
9	7270	4430	5750	11800	8060	9620	14700	10800	12700	11500	5110	7950
10	7380	4590	5820	12000	8060	9980	15800	7540	13300	11300	5740	7970
11	7500	4790	5930	12100	8260	10100	14000	1040	9160	---	---	---
12	7670	4800	6090	13000	8410	10700	13600	3770	9630	---	---	---
13	8290	4890	6420	13500	9130	11200	14300	7300	10700	11000	382	5490
14	8390	5350	6780	13800	9340	11300	14000	7360	10700	10700	1720	6170
15	8620	3010	6200	14500	9620	11700	13500	7960	10600	9460	510	4670
16	8950	4300	6900	14700	9210	11800	14200	8960	11300	9510	1830	5640
17	9170	5360	7140	14700	10100	11900	14100	9660	11600	9140	3740	6160
18	9590	5680	7430	14500	10500	12000	13100	6770	10300	8550	4310	6190
19	9970	5720	7720	14400	10500	12000	13600	7080	10700	9360	4670	6700
20	9780	6240	7720	13700	10100	11600	12700	7640	10100	8490	4300	6180
21	9900	6240	7770	14000	10100	11600	12600	8520	10500	8680	2190	6350
22	9770	6360	7890	13200	10100	11500	12700	9020	10800	8700	3030	6430
23	9810	6620	7870	12900	9800	11200	12500	9130	10800	9400	3100	6590
24	9630	6710	8020	12600	8910	11100	12300	8890	10400	9300	3070	6330
25	8990	6670	7770	12600	7350	10500	12600	8850	10700	9360	4420	6540
26	8750	6660	7530	12600	7210	10300	13300	8800	10900	10300	4560	7350
27	9490	6630	7830	12700	7310	10400	12900	9090	10500	10700	5180	7590
28	9820	6740	8060	13100	8460	10800	13400	9100	11000	10800	5750	7720
29	9850	6890	8310	13400	9090	11100	13700	9270	11100	11000	6070	8000
30	10000	7040	8470	13800	9340	11400	14200	9580	11400	11200	6500	8310
31	10300	7220	8660	---	---	---	14700	9990	11800	11400	6800	8680
MONTH	10300	3010	6730	---	---	---	15800	1040	11200	---	---	---

021720817 EAGLE CREEK NEAR NORTH CHARLESTON, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	11500	7030	8930	10200	5680	7760	7310	275	2920	10200	6180	7740
2	11600	7210	9130	10700	207	6590	6120	475	3030	9910	6160	7540
3	12000	7750	9780	5790	275	2230	5990	611	3000	9160	1510	6900
4	11700	7900	9390	3960	287	1730	5200	709	3000	8660	447	5010
5	11500	7820	9350	4140	360	2060	5920	1010	3810	8080	1840	5450
6	12100	5820	9590	4490	555	2360	5900	1360	3830	7720	2520	5500
7	10900	261	4990	4580	711	2550	5920	938	3880	7570	2810	5470
8	6240	393	3440	4720	800	2760	5810	938	3650	7550	3720	5580
9	6930	1130	4320	5120	832	2850	5760	1390	3560	8010	4310	5920
10	7240	786	4190	5110	832	2820	5620	844	3450	8290	4720	6160
11	6040	927	3390	5490	1020	3380	5910	464	3220	9020	5030	6550
12	7080	1360	4230	5930	1440	3810	6030	1040	3590	9220	5340	7000
13	7280	1750	4530	5530	643	3090	6380	1430	3780	9060	5720	7010
14	7880	2040	5070	4970	715	2730	6390	1760	3990	9160	715	5030
15	8130	3040	5660	5180	1000	2950	6390	1490	3780	9160	2750	6270
16	7640	3060	5400	5100	1200	3000	6350	1790	3910	9290	3590	6550
17	7380	2950	4940	5460	1370	3100	6540	523	3850	9270	5180	6820
18	7540	2550	5240	5610	1160	3470	6560	1020	3680	9320	439	5940
19	7710	2840	5370	5420	1550	3580	6350	2040	4090	8680	521	4920
20	7840	3310	5600	6140	2060	4030	6310	2670	4220	9150	2150	6120
21	7610	1650	4860	5700	368	3310	6800	2640	4810	9450	3700	6640
22	7630	1880	5020	5530	466	2990	6800	3210	4850	10800	4460	7670
23	8330	2480	5710	5180	655	3020	7690	3520	5510	11200	5480	8170
24	9000	3440	6380	5180	788	3000	8180	4090	6120	11300	6100	8140
25	9350	4190	6620	5410	965	3190	8550	4790	6420	11600	6490	8320
26	9790	4460	6980	5810	1240	3600	9650	4780	6760	12100	6830	8660
27	8840	4900	6560	6310	1280	3690	9750	5220	7210	12400	7160	9150
28	9930	5190	7150	7570	1430	4540	9720	5440	7220	12500	7780	9700
29	---	---	---	7720	2900	5210	9520	5530	7020	13200	7240	10300
30	---	---	---	8040	3240	5500	9680	5690	7530	13100	2960	9350
31	---	---	---	8320	503	5420	---	---	---	12700	2870	8410
MONTH	12100	261	6140	10700	207	3560	9750	275	4520	13200	439	7030
DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	11700	4660	8300	7020	3450	5110	7000	204	3150	1750	217	949
2	11100	5950	8500	7440	3910	5420	8780	278	4120	2450	271	1340
3	11900	6470	9150	7600	4220	5610	9280	1170	4870	2780	294	1440
4	11800	7220	9670	8130	4580	5960	9020	2280	5480	3250	370	1670
5	11900	7500	9570	8670	4790	6240	10100	2030	5870	3840	535	2050
6	12000	7660	9680	9330	4840	6700	10700	2820	6480	4300	964	2490
7	12500	5090	9310	10400	5060	7310	10700	3370	7060	5000	1310	3150
8	13700	5800	10100	10300	4610	7370	11500	3990	7470	5230	1760	3450
9	14200	5590	10500	10000	5720	7470	11200	3830	7880	5770	2200	3830
10	14200	8180	10700	10300	3370	7350	11600	4790	8610	6330	2380	4200
11	14300	8060	10900	9950	1220	7010	12000	4840	8280	6500	3030	4590
12	14600	6250	10900	10500	2680	7360	12100	5360	9090	7090	3410	4920
13	14700	9270	11300	10800	3930	8260	12300	4830	9080	6800	2210	4940
14	14900	9220	11600	10900	4950	7850	12800	5080	9240	6620	2260	4790
15	15000	9140	11800	10600	3970	7810	13300	5030	9310	5900	195	3300
16	15000	9920	12300	11300	5520	8740	12300	2290	7770	3630	210	1850
17	15300	10300	12700	11700	5010	9190	12500	2820	8750	4420	545	2430
18	16000	9090	13000	12100	5160	9330	12800	5020	8850	4950	1000	2870
19	17000	8290	13300	12100	7540	9460	12200	2300	7570	4940	1330	3180
20	17000	9330	13500	12300	5390	9440	12100	5240	8700	5120	1690	3420
21	17200	7200	12700	12600	5390	9600	12000	1980	7340	5330	1600	3680
22	15700	295	10500	11900	510	6860	13000	2820	7640	5600	1510	3470
23	11600	581	6180	10800	1620	6650	13800	2800	8890	5800	1640	3840
24	12100	4380	7490	9910	436	5250	12200	3570	8170	5760	1780	4060
25	11100	421	6470	9310	760	4740	12200	360	4810	5960	425	3420
26	10900	300	4880	9310	1920	5620	9990	1020	5820	4850	181	2000
27	8470	253	2820	9450	3510	6480	9330	1450	5520	2840	175	1460
28	5900	565	3070	9080	4560	6790	8110	427	3530	2760	257	1500
29	5890	1990	3870	9030	4420	6920	6040	295	2980	3200	436	1900
30	6320	3040	4550	9160	5140	7160	4520	138	1130	4530	760	2690
31	---	---	---	9940	135	5970	1890	183	962	---	---	---
MONTH	17200	253	9310	12600	135	7130	13800	138	6590	7090	175	2960

## ASHLEY RIVER BASIN

021720817 EAGLE CREEK NEAR NORTH CHARLESTON, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	22.6	19.0	20.7	19.1	15.3	16.5	20.3	18.9	19.5	9.4	6.4	8.5
2	22.6	18.8	20.3	20.4	16.8	18.0	19.8	18.0	19.1	8.8	4.9	7.1
3	22.3	19.1	20.5	20.1	17.3	18.4	19.1	15.7	17.6	7.2	4.1	5.9
4	22.8	18.9	20.7	19.1	17.3	18.4	17.5	13.6	16.3	6.4	2.5	5.1
5	21.9	19.0	20.8	18.6	15.3	17.5	17.5	14.9	16.5	6.4	1.6	5.0
6	22.5	20.0	21.3	17.4	12.8	15.8	17.4	14.1	16.3	10.8	5.2	7.1
7	21.5	18.5	20.4	---	---	---	17.8	14.8	16.7	8.2	5.2	7.0
8	20.2	15.5	18.9	15.9	11.2	14.4	19.3	15.5	17.4	9.0	3.9	6.5
9	19.8	15.8	18.6	16.3	12.7	15.1	20.6	17.8	18.6	10.3	4.8	7.0
10	20.6	17.6	19.5	17.4	13.9	15.6	18.8	16.0	17.7	13.1	6.9	8.8
11	22.2	19.1	20.6	18.7	14.4	15.9	16.8	14.9	16.2	---	---	---
12	22.9	20.1	21.1	17.3	15.3	15.8	16.9	15.2	16.2	---	---	---
13	25.2	20.8	21.9	16.3	14.1	15.1	19.3	16.5	17.1	14.5	9.2	10.8
14	23.3	21.6	22.2	15.5	14.1	14.9	20.1	17.0	17.8	10.3	6.8	9.3
15	24.3	20.9	22.0	15.9	14.8	15.2	19.8	17.7	18.4	12.6	7.9	10.0
16	22.3	19.8	21.2	16.4	14.5	15.4	17.7	14.3	16.6	10.2	6.1	9.1
17	21.0	17.5	19.5	16.1	13.8	15.3	17.3	14.3	16.4	11.6	7.3	9.6
18	19.2	14.9	17.6	15.9	13.1	15.1	17.4	14.8	16.5	11.0	7.0	9.6
19	18.5	15.3	17.5	16.8	14.3	15.7	16.4	12.4	15.0	14.1	9.7	11.3
20	19.5	16.9	18.3	16.6	13.8	15.7	15.3	10.8	13.7	13.4	10.3	12.0
21	20.5	18.0	19.2	15.9	12.8	14.9	14.0	8.5	12.2	12.3	9.9	11.4
22	21.3	19.6	20.3	14.9	10.8	13.9	12.8	7.7	11.4	12.8	7.7	11.1
23	22.2	19.2	21.0	15.7	13.3	14.6	13.3	9.7	12.0	17.0	11.0	13.1
24	23.7	20.7	21.9	18.9	15.0	16.2	14.0	11.9	13.1	18.4	13.3	15.2
25	23.7	21.6	22.9	19.8	16.7	17.8	12.5	10.0	11.7	17.8	14.3	15.3
26	21.9	17.7	20.7	21.2	17.6	18.8	11.8	9.1	11.1	14.8	12.9	14.1
27	19.7	16.0	18.6	22.1	18.3	19.4	10.8	7.1	9.4	17.5	13.6	14.7
28	17.7	14.8	16.8	21.8	18.4	19.3	11.7	7.2	9.4	18.8	14.8	15.9
29	18.1	13.9	15.9	21.6	18.2	19.4	13.9	9.1	10.5	19.2	13.3	15.8
30	18.1	13.4	15.5	20.5	18.3	19.4	11.3	9.0	10.2	19.2	15.1	16.5
31	18.4	13.6	15.6	---	---	---	9.8	7.0	9.0	19.4	16.0	17.1
MONTH	25.2	13.4	19.7	---	---	---	20.6	7.0	14.8	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	20.2	16.4	17.9	12.0	5.7	9.9	23.4	18.9	21.1	25.5	21.4	23.5
2	18.2	14.8	17.0	15.4	9.4	11.5	22.9	16.6	20.9	28.9	22.6	25.1
3	16.7	12.5	15.1	17.0	12.8	14.6	25.2	19.0	22.0	28.8	23.8	25.7
4	15.1	10.1	13.8	14.1	8.0	11.9	22.4	18.4	21.0	25.7	22.2	24.4
5	12.5	7.6	11.1	12.9	4.5	9.7	21.3	16.4	20.1	24.5	20.8	23.5
6	11.5	9.3	10.8	15.5	5.9	11.0	20.5	16.4	19.5	26.5	21.4	24.0
7	13.7	10.8	12.2	17.3	9.1	13.0	21.0	17.3	19.3	29.8	23.4	25.4
8	18.6	10.2	12.3	17.9	12.4	14.7	22.2	17.7	19.4	32.6	24.4	26.6
9	17.1	10.1	12.5	21.1	14.8	16.6	26.7	19.4	21.1	33.8	25.5	27.7
10	18.8	13.0	14.3	25.0	16.3	18.3	22.7	20.6	21.2	33.9	25.9	28.5
11	19.1	13.7	15.1	19.7	13.4	16.3	24.2	18.7	20.9	31.5	26.3	28.4
12	15.7	10.5	13.5	17.9	14.8	16.3	24.8	20.5	21.8	33.9	25.7	28.6
13	13.8	9.9	12.4	20.1	16.2	17.2	24.8	19.8	21.8	32.7	25.9	28.8
14	14.0	9.7	12.3	23.9	14.2	17.9	27.1	20.8	22.8	30.9	21.5	26.9
15	13.0	9.5	11.9	24.2	15.6	18.9	27.1	20.5	23.4	29.3	20.6	25.7
16	14.9	10.1	12.4	23.2	16.6	19.5	28.3	20.7	24.0	28.5	20.4	25.3
17	14.6	8.3	12.0	23.7	18.1	20.5	29.2	21.6	24.8	28.7	21.8	25.5
18	12.9	7.3	11.0	25.1	19.4	21.5	27.6	22.0	25.1	26.9	21.8	25.3
19	13.4	6.3	11.0	22.3	18.9	21.0	28.6	22.3	25.4	24.7	18.0	21.7
20	15.9	10.8	13.0	24.1	19.4	21.6	29.7	23.3	26.4	22.5	17.8	21.4
21	18.9	13.5	15.2	21.8	17.9	20.4	29.3	24.9	27.1	24.9	19.8	21.6
22	15.6	12.5	14.3	20.0	14.3	18.5	30.5	25.4	27.4	24.5	20.1	21.4
23	14.4	12.0	13.8	18.8	12.0	17.2	29.2	24.3	26.2	27.1	20.4	22.1
24	16.4	11.5	13.4	21.0	14.4	17.7	29.6	24.1	25.7	31.3	21.1	23.6
25	17.8	11.4	13.5	24.6	17.1	19.1	29.7	24.4	25.7	30.7	22.6	24.7
26	17.7	12.6	14.2	26.2	18.7	20.5	27.5	22.3	24.7	30.9	22.8	25.3
27	15.5	11.3	13.2	27.7	20.0	21.6	24.5	22.5	23.4	28.4	22.5	25.1
28	12.7	5.9	10.4	22.6	19.4	20.8	28.0	21.8	24.1	28.1	23.1	25.3
29	---	---	---	22.6	17.8	20.3	30.4	23.1	25.5	26.7	24.0	25.4
30	---	---	---	23.0	19.5	20.9	25.1	20.6	23.5	27.0	24.2	25.6
31	---	---	---	23.6	20.3	21.5	---	---	---	28.7	24.3	26.2
MONTH	20.2	5.9	13.2	27.7	4.5	17.4	30.5	16.4	23.2	33.9	17.8	25.1

ASHLEY RIVER BASIN

021720817 EAGLE CREEK NEAR NORTH CHARLESTON, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	30.5	25.2	27.4	31.8	26.9	29.5	30.4	26.4	28.8	25.5	23.9	24.7
2	31.9	26.2	28.7	31.7	27.0	29.7	30.4	26.2	29.2	25.7	23.7	25.0
3	30.9	27.7	29.4	31.5	26.9	29.8	30.4	27.2	29.5	29.5	24.3	26.1
4	31.0	28.4	29.5	32.0	27.6	30.3	29.9	28.4	29.2	33.3	24.9	27.2
5	31.7	28.1	29.6	33.0	28.9	31.2	32.4	28.1	29.4	35.9	25.6	28.4
6	32.5	28.3	29.8	35.1	30.0	31.5	35.0	28.8	30.2	29.7	27.0	28.3
7	31.2	28.4	29.2	34.5	30.3	31.3	32.3	28.8	29.7	29.3	25.5	27.7
8	32.5	27.4	28.6	34.8	28.6	30.6	30.7	27.6	28.6	28.2	25.4	27.3
9	33.1	26.9	28.4	34.7	28.1	30.6	29.6	26.3	27.7	27.8	25.1	26.9
10	33.3	26.1	28.1	35.3	28.1	31.0	28.5	25.0	27.1	27.4	24.3	26.6
11	33.3	25.4	28.2	33.5	27.8	29.9	28.7	24.5	27.0	28.1	24.5	26.7
12	30.8	26.1	28.3	29.5	26.6	28.5	28.5	24.2	26.9	27.8	25.0	27.0
13	32.7	26.2	28.8	29.7	26.3	28.3	27.7	24.3	26.8	28.8	25.3	27.3
14	31.4	26.8	29.0	32.1	26.9	29.0	29.2	25.7	27.5	28.4	26.3	27.6
15	31.3	26.2	28.9	32.5	27.2	29.6	29.8	26.6	28.2	28.3	25.8	27.1
16	29.7	25.1	28.1	32.0	27.8	30.1	30.7	27.1	29.0	29.9	25.5	27.2
17	29.1	26.2	28.0	32.5	28.9	30.8	31.1	27.7	29.6	33.2	25.4	28.0
18	27.9	25.9	27.4	33.7	29.4	31.1	31.4	28.4	29.8	29.1	26.3	27.8
19	30.2	26.2	27.5	35.7	29.7	31.8	33.0	28.7	30.0	28.5	26.2	27.5
20	29.3	26.5	27.3	34.8	30.6	32.1	34.9	28.8	30.2	30.1	25.7	27.3
21	26.9	25.4	26.4	36.5	30.1	31.7	32.3	28.0	29.6	28.7	25.3	26.9
22	26.3	23.2	25.3	34.5	27.0	30.4	31.3	26.8	29.1	28.3	24.6	26.8
23	30.1	23.6	25.8	30.0	26.8	29.0	34.4	26.8	29.8	27.3	25.4	26.6
24	30.7	25.6	27.1	30.8	24.9	28.3	34.2	27.6	30.3	26.8	24.5	26.1
25	28.0	26.0	26.9	36.0	25.4	29.7	30.6	26.0	28.5	26.2	24.2	25.5
26	31.1	24.5	27.3	35.0	27.4	30.5	29.3	25.8	28.1	26.4	24.3	25.4
27	31.6	25.2	27.8	34.0	27.2	30.5	28.6	25.3	27.7	27.6	24.9	26.2
28	33.2	25.5	29.0	33.9	27.6	30.8	28.2	24.7	26.5	27.7	24.3	26.6
29	32.2	26.5	29.2	33.5	27.5	30.8	27.0	24.6	25.9	27.1	25.0	26.5
30	31.2	26.5	29.2	34.2	27.5	31.2	26.1	24.1	24.7	27.2	24.1	26.4
31	---	---	---	32.4	26.9	29.9	25.3	23.7	24.6	---	---	---
MONTH	33.3	23.2	28.1	36.5	24.9	30.3	35.0	23.7	28.4	35.9	23.7	26.8

## ASHLEY RIVER BASIN

021720817 EAGLE CREEK NEAR NORTH CHARLESTON, SC--Continued

## OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	8.8	4.9	6.1	9.7	7.0	7.7	7.6	5.0	5.7	12.5	8.9	10.0
2	9.1	4.2	6.2	8.6	6.4	7.3	7.6	4.9	5.7	10.7	9.2	9.9
3	8.7	5.2	6.4	7.6	6.2	6.9	6.5	5.3	5.7	10.3	9.6	9.8
4	8.6	5.2	6.5	8.0	6.0	6.9	7.2	5.5	6.1	11.9	9.7	10.4
5	---	---	---	7.5	6.4	6.8	7.0	5.5	6.1	12.0	10.1	10.7
6	---	---	---	7.9	6.1	6.7	7.3	4.2	5.9	---	---	---
7	---	---	---	---	---	---	7.8	4.3	5.9	---	---	---
8	---	---	---	8.3	7.0	7.4	9.1	4.7	6.3	11.4	9.6	10.2
9	---	---	---	9.2	6.7	7.3	9.7	5.0	6.3	11.7	8.9	10.1
10	6.8	5.1	6.2	10.1	7.0	7.6	7.1	5.1	6.1	---	---	---
11	6.8	1.8	6.0	11.4	7.0	7.6	9.9	5.8	6.5	---	---	---
12	8.9	4.8	6.5	10.6	7.0	7.5	9.2	5.7	6.5	---	---	---
13	8.9	5.9	6.4	10.1	7.2	7.6	9.8	5.7	6.3	11.6	7.4	8.4
14	6.2	5.2	5.9	8.7	7.2	7.5	9.5	5.6	6.4	9.1	7.7	8.2
15	7.3	4.1	5.6	7.4	6.7	7.2	9.8	4.8	6.5	11.2	7.5	8.5
16	6.6	5.0	5.6	7.7	6.3	7.0	8.9	5.6	6.6	11.1	7.9	8.7
17	6.8	5.2	5.8	7.4	6.4	6.7	8.6	6.2	6.8	11.3	8.0	8.9
18	7.1	5.8	6.3	7.4	6.1	6.6	10.6	5.9	7.2	11.0	7.7	8.8
19	7.1	5.9	6.5	7.0	5.9	6.4	9.4	6.6	7.3	9.6	7.3	8.4
20	7.0	5.9	6.6	7.2	5.7	6.4	10.5	7.0	7.9	10.0	6.0	8.3
21	6.9	6.2	6.6	7.6	6.0	6.6	11.2	7.3	8.5	9.0	7.1	8.3
22	6.5	5.4	6.2	8.1	6.4	6.8	11.0	8.0	8.9	10.0	7.2	8.6
23	6.2	5.3	6.0	7.8	6.4	6.7	10.6	8.1	8.8	9.6	7.6	8.7
24	6.0	5.1	5.8	7.6	6.0	6.7	10.8	7.8	8.9	9.8	6.7	8.5
25	6.2	4.9	5.8	7.4	5.4	6.4	10.7	8.0	8.8	9.4	5.9	8.1
26	8.2	5.5	6.2	8.2	5.3	6.0	11.4	8.1	9.1	10.9	7.3	8.8
27	8.1	6.1	6.7	9.4	4.8	5.9	12.6	8.2	9.6	11.4	7.1	8.9
28	9.3	6.6	7.4	10.3	5.0	5.9	13.4	8.6	9.7	10.9	6.0	8.6
29	10.6	7.0	7.8	10.8	5.2	6.0	13.8	8.8	9.8	11.4	6.5	8.6
30	10.8	7.1	7.9	9.7	5.2	6.0	13.2	8.4	9.7	9.8	5.7	8.0
31	10.4	7.3	8.0	---	---	---	12.6	9.1	9.9	9.1	5.1	7.3
MONTH	---	---	---	---	---	---	13.8	4.2	7.4	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.9	3.3	6.1	11.9	8.8	9.6	7.5	4.7	5.7	8.0	4.4	5.4
2	7.6	3.5	5.8	9.4	7.3	8.7	7.7	4.4	5.5	8.0	4.0	5.5
3	7.2	4.7	5.9	8.1	6.5	7.2	8.6	4.4	5.4	7.7	3.9	5.6
4	9.4	6.3	7.5	9.9	6.4	8.0	8.9	4.1	5.5	6.3	3.7	5.0
5	10.3	7.4	8.4	11.3	7.2	8.7	8.6	4.5	5.6	7.7	4.2	5.1
6	10.0	7.8	8.5	11.8	7.6	8.7	9.5	4.8	6.0	9.7	4.5	5.5
7	9.5	7.2	8.0	12.3	7.4	8.6	10.8	5.1	6.3	10.2	3.8	5.5
8	12.6	7.5	8.2	10.8	7.2	8.2	12.5	5.4	6.9	10.6	3.3	5.6
9	11.5	7.2	8.2	10.0	6.7	7.7	12.0	5.7	7.0	9.8	3.1	5.8
10	10.8	7.1	7.9	11.1	5.8	7.3	11.1	5.0	6.4	8.9	3.4	5.8
11	11.7	6.2	7.6	10.1	5.9	7.2	11.5	4.9	6.1	8.2	3.5	5.7
12	10.4	6.4	7.6	8.3	5.5	7.0	9.4	4.7	5.6	---	---	---
13	10.8	6.9	7.8	7.8	4.5	5.9	9.4	4.7	5.6	---	---	---
14	10.9	7.2	8.1	9.4	5.0	6.4	9.0	4.3	5.6	---	---	---
15	9.4	7.5	8.1	8.8	5.2	6.2	9.2	4.4	5.6	---	---	---
16	10.9	7.3	8.6	7.6	4.8	5.9	9.5	4.3	5.6	---	---	---
17	11.5	7.4	8.9	7.0	4.2	5.4	9.4	4.0	5.3	---	---	---
18	11.8	7.9	9.3	7.5	4.1	5.3	6.3	3.2	4.7	7.7	3.9	6.1
19	11.9	8.5	9.8	6.7	4.0	5.0	7.0	3.6	4.8	8.9	3.8	6.0
20	10.8	8.0	9.5	7.4	4.2	5.2	6.7	3.6	4.8	8.8	5.3	6.8
21	11.0	6.5	9.2	6.2	4.1	5.0	6.3	3.7	4.7	10.4	5.9	7.0
22	10.1	7.5	9.3	8.4	4.4	5.7	7.9	3.6	4.8	10.6	5.9	7.1
23	9.2	7.6	8.7	8.7	4.8	6.0	8.5	3.2	4.9	10.9	6.1	7.1
24	11.6	7.9	8.9	9.5	5.1	6.3	8.8	4.0	5.1	12.0	5.4	7.2
25	11.5	7.9	8.9	10.7	5.4	6.4	8.3	4.2	5.2	11.1	4.4	6.8
26	11.1	7.3	8.7	10.6	5.5	6.3	8.9	4.0	5.3	10.3	4.1	6.4
27	10.8	7.0	8.9	11.8	5.2	6.4	6.1	4.4	5.0	10.0	4.3	6.3
28	11.7	8.3	9.3	9.3	5.3	6.1	8.3	4.2	5.3	9.3	4.5	5.9
29	---	---	---	9.1	5.3	6.2	8.2	3.8	5.2	8.0	4.3	5.5
30	---	---	---	9.7	5.1	6.2	7.8	4.0	5.2	7.3	3.5	5.2
31	---	---	---	9.1	4.5	6.0	---	---	---	7.4	3.0	4.9
MONTH	12.6	3.3	8.3	12.3	4.0	6.7	12.5	3.2	5.5	---	---	---



## ASHLEY RIVER BASIN

02172084 ASHLEY RIVER AT BAKERS LANDING NEAR NORTH CHARLESTON, SC

LOCATION.--Lat 32°53'36'', long 80°06'08'', Dorchester County, Hydrologic Unit 03050202, on pier at Bakers Landing II Subdivision off SC Hwy 642, 3.5 mi north of Dorchester State Park, and 2.5 mi southeast of Stallville.

DRAINAGE AREA.--Indeterminate.

## WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--August 2001 to September 2002.

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.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 15,700 ft<sup>3</sup>/s, Sep. 1, 4, 2001; minimum discharge, -13,300 ft<sup>3</sup>/s, Sep. 16, 2001.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 15,500 ft<sup>3</sup>/s, May 24; minimum discharge, -12,500 ft<sup>3</sup>/s, Aug. 7.

## DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	---	---	---	---	---	---	---	---	---	---	15700	-8670
2	---	---	---	---	---	---	---	---	---	---	15500	-8660
3	---	---	---	---	---	---	---	---	12900	-7330	15100	-9530
4	---	---	---	---	---	---	---	---	13500	-7930	15700	-8450
5	---	---	---	---	---	---	---	---	13500	-7420	14800	-7920
6	---	---	---	---	---	---	---	---	12800	-7710	13900	-8280
7	---	---	---	---	---	---	---	---	12600	-7430	13500	-8390
8	---	---	---	---	---	---	---	---	12600	-6710	14000	-8600
9	---	---	---	---	---	---	---	---	11000	-7100	14200	-7780
10	---	---	---	---	---	---	---	---	10100	-7580	13500	-7580
11	---	---	---	---	---	---	---	---	11100	-6710	13900	-9060
12	---	---	---	---	---	---	---	---	10300	-6330	13700	-8760
13	---	---	---	---	---	---	---	---	11500	-7000	14300	-9910
14	---	---	---	---	---	---	---	---	12900	-7300	13700	-11500
15	---	---	---	---	---	---	---	---	13900	-8940	14800	-12800
16	---	---	---	---	---	---	---	---	14300	-9920	15000	-13300
17	---	---	---	---	---	---	---	---	13900	-10400	14900	-12200
18	---	---	---	---	---	---	---	---	14600	-10100	14400	-11000
19	---	---	---	---	---	---	---	---	14300	-10300	14600	-10400
20	---	---	---	---	---	---	---	---	15400	-10700	14400	-10200
21	---	---	---	---	---	---	---	---	14800	-9520	14000	-10300
22	---	---	---	---	---	---	---	---	13500	-9540	15100	-9220
23	---	---	---	---	---	---	---	---	15100	-8690	13800	-8630
24	---	---	---	---	---	---	---	---	15200	-8840	12800	-7380
25	---	---	---	---	---	---	---	---	12800	-8160	12500	-7590
26	---	---	---	---	---	---	---	---	13900	-8630	11600	-7940
27	---	---	---	---	---	---	---	---	13600	-8080	13600	-7520
28	---	---	---	---	---	---	---	---	12500	-7360	14800	-8040
29	---	---	---	---	---	---	---	---	12600	-8250	13800	-8150
30	---	---	---	---	---	---	---	---	13500	-8740	14500	-8890
31	---	---	---	---	---	---	---	---	14700	-8120	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	15700	-13300

ASHLEY RIVER BASIN

02172084 ASHLEY RIVER AT BAKERS LANDING NEAR NORTH CHARLESTON, SC--Continued

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX		MIN		MAX		MIN		MAX		MIN	
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	13600	-8980	13900	-8870	14100	-9690	13400	-9240	13400	-9240	13600	-9900
2	13900	-9430	13900	-8950	13100	-9240	12800	-9510	14400	-8840	13500	-10100
3	15000	-9270	12900	-8620	13100	-10100	13600	-9530	13800	-8970	15200	-8850
4	14800	-8880	14300	-8500	13100	-9810	14300	-8720	12800	-8660	12600	-8090
5	15000	-8710	13200	-9380	13300	-8880	12700	-7950	11600	-7970	11200	-7860
6	14000	-8070	13500	-9350	13800	-8280	11900	-7330	13700	-7860	11000	-7360
7	13100	-7850	15100	-8380	13700	-8100	9280	-6810	---	---	10600	-7410
8	14100	-8590	12800	-8490	14800	-8300	9020	-6850	---	---	10700	-7060
9	12900	-8690	13600	-8880	13300	-8760	11100	-7450	---	---	11900	-7350
10	11800	-9030	13500	-9130	13000	-9360	9650	-7300	---	---	11400	-7930
11	13300	-8890	14900	-9270	13700	-9790	11200	-7570	---	---	13100	-8340
12	14200	-8650	13700	-9730	12700	-9160	13100	-8880	---	---	14100	-8660
13	14300	-10200	13800	-10600	13900	-9340	11100	-7270	---	---	13600	-8510
14	14600	-10400	14000	-10200	14600	-9340	13900	-8000	---	---	10900	-8100
15	14200	-11000	13800	-11200	14300	-8710	11700	-6700	13000	-7970	12400	-8470
16	14700	-11100	14100	-11100	12400	-8760	11800	-7640	11200	-7620	11000	-8450
17	14700	-11400	14100	-9240	13600	-8510	10500	-7160	9550	-7080	10900	-8270
18	14200	-10900	13000	-8640	11600	-7240	8750	-5950	9420	-7160	13100	-8160
19	13600	-10700	13800	-8590	14500	-8070	11200	-6180	10200	-7140	10900	-7910
20	15100	-9300	14400	-7760	9460	-7630	7600	-6040	9080	-6840	13900	-7430
21	13000	-8470	12600	-7270	8480	-6590	7140	-5640	7780	-7120	11500	-7370
22	14500	-8140	12300	-6630	9940	-7020	8360	-6900	9690	-7410	13700	-7960
23	13400	-7660	10700	-6610	8570	-6620	10100	-6730	12300	-8070	13600	-8010
24	11800	-6790	9100	-7130	10100	-6590	11100	-7040	13300	-8510	13700	-8200
25	9290	-7320	11000	-6390	10400	-6530	9670	-7340	13500	-9720	13900	-8410
26	9470	-7150	11500	-7300	13300	-7290	11300	-8770	14700	-9850	14900	-9800
27	12300	-7330	11800	-7420	12000	-7510	---	---	12700	-10300	14600	-10200
28	14100	-8350	13200	-8400	12300	-7980	---	---	14500	-10800	13700	-11700
29	14200	-7990	14000	-9400	13500	-8200	---	---	---	---	14000	-11200
30	13500	-8650	14700	-8480	13400	-8720	14500	-9420	---	---	15200	-10800
31	14100	-8640	---	---	12700	-9070	14300	-9940	---	---	13900	-10200
MONTH	15100	-11400	15100	-11200	14800	-10100	---	---	---	---	15200	-11700

DAY	MAX		MIN		MAX		MIN		MAX		MIN	
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	13700	-9670	13100	-8480	14100	-7810	10100	-6910	11900	-7730	10100	-6850
2	13600	-9670	14900	-7560	12600	-7360	9510	-6880	11900	-8530	11300	-8910
3	15300	-8930	9650	-6400	12100	-7560	9760	-6600	11700	-8140	12500	-9010
4	10700	-7540	10000	-7370	13400	-7790	10900	-7810	12200	-9300	13000	-8240
5	13700	-7550	10000	-7350	12700	-8000	12200	-8030	12800	-9720	12900	-9450
6	13300	-8040	11300	-7430	11900	-7490	12700	-9050	13600	-10300	13400	-10800
7	13000	-7480	10600	-7060	12600	-8340	14000	-8330	13400	-12500	13800	-10600
8	12800	-7610	10200	-7260	13100	-9180	13100	-8690	13800	-12100	13900	-10300
9	10400	-7620	11900	-7640	13800	-9800	13400	-8190	14700	-11800	13400	-10400
10	11400	-7620	11900	-7560	14000	-9290	14000	-8730	14900	-11300	13200	-11400
11	13500	-8470	14800	-8590	13700	-9290	12000	-9950	14600	-10600	13400	-9760
12	14000	-8340	13600	-8460	13800	-9100	14000	-10500	14200	-9400	12800	-10000
13	14300	-9130	13200	-8110	13400	-8730	14000	-9760	14300	-8940	12800	-8220
14	13200	-8340	12800	-8700	13000	-9850	13500	-8680	13200	-8190	13400	-7320
15	14500	-8360	---	---	14100	-8980	14000	-9500	12500	-7900	---	---
16	13100	-8460	---	---	13700	-8820	14800	-8760	13200	-7380	---	---
17	13800	-8000	---	---	13300	-8870	13800	-8320	13200	-7360	12500	-7580
18	13200	-7950	13100	-7220	13100	-8700	13500	-8890	14100	-7790	12400	-7900
19	12000	-7390	14100	-7590	12600	-8830	14000	-8650	13000	-8360	12600	-8450
20	10900	-7410	14300	-8430	13600	-9340	13700	-9600	14500	-7990	13800	-8320
21	12500	-7980	13300	-9050	12900	-9630	13800	-9130	14500	-8250	13800	-8850
22	12200	-7940	13600	-10000	12700	-9720	13500	-8930	12900	-8460	14500	-8630
23	14500	-9350	14500	-10400	13400	-9110	13800	-8210	13300	-7910	14500	-8790
24	15100	-9530	15500	-9910	13300	-8890	13800	-8150	12200	-8300	12800	-8420
25	14600	-9500	13400	-10000	13400	-8600	12100	-8170	13600	-8340	12400	-8450
26	13800	-11600	13800	-10100	12900	-8200	14200	-8120	14300	-7770	13100	-7470
27	13900	-10600	14300	-10300	14200	-7370	14100	-7240	12100	-7340	12200	-6460
28	14600	-9400	13700	-10700	13100	-7230	11200	-7000	11600	-7270	12600	-7470
29	14100	-9900	13100	-9940	9950	-6750	10500	-7100	11300	-7420	11000	-7960
30	13300	-9060	13100	-9240	9940	-6740	10000	-7180	10800	-11500	12200	-9280
31	---	---	13200	-8660	---	---	10200	-7660	10800	-7170	---	---
MONTH	15300	-11600	---	---	14200	-9850	14800	-10500	14900	-12500	---	---



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 excellent except for Aug. 30 to Sep. 16, which are good. Temperature records rated excellent. Dissolved oxygen records rated poor except for Oct. 12 to Oct. 29, Nov. 26 to Dec. 11, Jan. 14 to Jan. 30, and Feb. 28 to Mar. 14, which are excellent, Dec. 26 to Jan. 14 and Sep. 10 to Sep. 16, which are good, and Jan. 30 to Feb. 12, Apr. 11 to Apr. 23, and Aug. 30 to Sep. 19, which are fair. 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, 499 microsiemens, April 20, 2001.

WATER TEMPERATURE: Maximum, 32.1°C, July 31, 2002; minimum, 5.8°C, Jan. 5, 2002.

DISSOLVED OXYGEN: Maximum, 10.9 mg/L, Jan. 7, 2002; minimum, 2.4 mg/L, May 28, 2002.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, >32,800 microsiemens, many days, several months; minimum, 6970 microsiemens, Sep. 5.

WATER TEMPERATURE: Maximum, 32.1°C, July 31; minimum, 5.8°C, Jan. 5.

DISSOLVED OXYGEN: Maximum, 10.9 mg/L, Jan. 7; minimum, 2.4 mg/L, May 28.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	23700	10600	16400	29200	15600	21700	>32800	19400	25500	32000	18900	24600
2	24200	10800	16800	29100	15800	21600	>32800	19600	25700	32400	19000	24700
3	24200	11000	17000	29200	15800	21500	>32800	20000	26300	>32800	19400	25100
4	22700	10900	16200	28900	15800	21500	>32800	20400	26400	29800	18600	23200
5	23200	10700	15900	30500	16700	22600	>32800	20600	26200	29800	19000	23800
6	22600	10900	15600	30800	17100	22800	32700	20300	25500	29300	16600	22800
7	23700	11200	16300	29000	16700	21800	32100	20300	25400	26000	17200	21100
8	24300	11300	16700	29100	16800	21700	>32800	20700	26100	26200	17500	21600
9	24800	11900	17200	29000	16900	21900	31800	20600	26300	27600	17200	21700
10	25200	11800	17300	29700	17000	23100	>32800	20900	28400	27100	17100	21400
11	25600	11800	17500	29700	16900	23300	>32800	19300	25100	27400	16800	21400
12	25500	11700	18000	32100	17000	25000	31200	18500	24400	29000	16900	22600
13	28100	12400	19400	>32800	18200	25500	32100	18700	24700	26500	16300	20900
14	28100	13200	20100	>32800	18200	25200	31600	18700	24100	27500	15900	21100
15	28400	12800	19500	>32800	18200	25700	30200	18500	23400	25600	15700	20000
16	29000	13500	20700	>32800	18800	25600	31600	19000	24300	26100	15800	20200
17	28800	13700	20400	>32800	19000	25000	31000	19300	24300	25300	15800	20000
18	29000	13900	20600	32000	19200	24600	27100	18300	22400	23800	15800	19700
19	29300	14500	20900	31700	19500	24600	29700	19500	23400	25500	16700	20400
20	27700	14600	20200	29900	19500	23800	27000	19000	22400	24000	15500	19800
21	27400	14800	20000	31000	20300	24700	26900	19500	22900	24300	17500	20800
22	26600	15200	20000	29100	20600	24600	27400	20000	23400	24800	17400	20900
23	26500	15600	20200	28500	20500	24200	27100	20000	23600	26100	16500	21200
24	25300	15700	19900	27800	20000	24100	26900	18900	22800	25700	16300	20900
25	23300	15200	19100	27900	19400	23800	27300	19700	23800	25800	16700	21200
26	22400	15200	18900	28000	19500	23900	29600	18600	24100	28500	17200	22600
27	24600	15300	20000	29100	19500	24300	28500	18500	23300	29400	16600	22500
28	26100	15600	20700	30400	19300	24700	29500	18700	24100	28400	16100	21900
29	26400	16000	21100	31500	19400	25100	30600	18800	24200	29200	15900	21400
30	---	---	---	32700	19400	25400	31400	18500	24400	29100	15200	21500
31	27700	15400	21400	---	---	---	32200	18900	24800	29600	15400	21900
MONTH	---	---	---	32800	15600	23800	32800	18300	24600	32800	15200	21700

Actual value is known to be greater than the value shown

## 02172084 ASHLEY RIVER AT BAKERS LANDING NEAR NORTH CHARLESTON, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	29100	16400	22000	28800	14800	20800	26400	11800	16900	28400	15100	20100
2	28200	16400	22100	29400	13300	21300	25000	12100	17000	26800	15000	19400
3	29700	17500	23300	25000	11500	16700	24000	11800	16300	23300	14700	18500
4	28700	16900	21900	21300	10900	14900	20100	12100	15900	23600	14900	19200
5	27500	17500	22100	20000	11100	15000	23100	12900	17300	23800	14900	19200
6	29000	18000	23100	20500	11300	15100	22800	12800	17100	24000	15200	19400
7	29400	14400	21100	19900	10700	15100	22300	12600	17100	23400	14500	19000
8	24300	14400	19100	19900	11300	15400	21700	12100	16600	23200	14300	18800
9	25900	14800	19900	20900	10900	15400	21100	11700	15900	24400	14300	19000
10	26600	14300	19500	20700	10600	15200	---	---	---	24900	14300	19100
11	22900	13500	17800	21300	10700	16200	---	---	---	27300	14400	19800
12	25200	13600	18800	23000	11500	16800	21600	11100	15700	27400	14900	20400
13	24300	13500	18400	21900	10400	15500	22600	10900	15700	26500	14700	19700
14	25200	13900	19100	20000	10100	14700	22300	11000	15600	27700	14100	19200
15	25300	14100	19400	20400	10200	14900	21700	10800	15200	---	---	---
16	23500	13800	18400	19500	9950	14500	22100	11000	15300	---	---	---
17	22400	13500	17500	21600	10500	14700	22100	11300	15500	---	---	---
18	22500	14400	18100	21600	10600	15400	21800	11300	15400	26900	14200	19400
19	23100	14500	18300	21400	11400	15700	21300	11500	15500	26000	15700	20400
20	23400	14400	18600	23000	11500	16400	20900	11500	15500	28100	15700	21900
21	23000	13500	17800	20800	11700	15800	22500	11900	16700	28400	15500	22300
22	22600	14200	18400	22500	11500	16300	22600	11400	16600	31300	16500	24000
23	24700	14900	19600	22100	10900	16100	26300	11800	18900	31700	16600	24100
24	27300	15100	20900	22100	10400	15700	27500	13400	20200	31000	15900	22900
25	28600	14400	20900	22500	10500	15900	27600	13300	20200	31000	16000	22400
26	29400	14300	21200	23400	10200	16600	30300	13300	20600	31500	16400	22600
27	25700	13900	19000	24700	10300	17000	29600	14100	21100	31900	17200	23300
28	28100	13900	20300	27600	11100	18800	27900	13900	20100	32600	18100	24000
29	---	---	---	28300	12400	19400	27100	13800	18900	>32800	18900	25100
30	---	---	---	27500	12700	19300	27300	14800	20100	32500	18800	24600
31	---	---	---	27500	12900	19000	---	---	---	31400	19100	24100
MONTH	29700	13500	19900	29400	9950	16400	---	---	---	---	---	---

Actual value is known to be greater than the value shown

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	29900	18600	23400	23900	16100	19900	24500	15900	19600	16200	10600	13400
2	28400	18800	23300	23700	16100	20000	27400	16000	20500	17700	10600	13800
3	29500	19100	24400	23800	15800	19900	28300	16100	21000	18200	9930	14100
4	29800	20000	25100	24800	16000	20300	28000	16000	21100	17900	9050	13400
5	29600	19200	24500	25200	15800	20500	30200	15600	21400	18000	6970	13000
6	29500	19000	24200	27000	16300	21200	31100	15800	22300	19800	8950	13600
7	29700	18000	23700	28700	17300	22200	32600	16500	23500	20400	8800	14200
8	32500	19200	25300	28400	16200	21700	32600	17100	24000	20100	10100	14700
9	>32800	19400	25600	28600	16300	21700	32600	17600	24300	20600	10300	15000
10	>32800	19300	25300	28400	15800	21200	32400	17800	24300	---	---	---
11	32700	19400	25000	28500	11100	20600	32400	18000	24000	20900	10300	15000
12	>32800	19800	25100	30400	15200	21000	31600	18100	23800	22400	10600	15700
13	>32800	20000	25300	30400	15700	21600	30500	18200	23700	20700	11200	15300
14	>32800	20100	25500	29800	15400	20700	30600	18200	23800	19800	11300	14700
15	32400	20400	25600	26800	15500	20300	28600	17900	22800	---	---	---
16	>32800	21000	26400	25500	16000	19900	28000	17400	21900	---	---	---
17	32700	21100	26700	25200	15900	19800	27100	17000	21300	17500	9050	12400
18	32200	20900	26300	26900	16100	20400	27200	16800	21200	18200	9390	13100
19	32400	20500	26200	26700	16000	20200	28600	17000	21700	18900	9340	13400
20	32500	20700	26200	27400	16000	20300	28300	17500	22000	19200	9420	13600
21	32600	20400	25800	28500	16400	21000	28700	17400	22100	19200	9580	13800
22	29900	18800	24600	28000	16600	21100	28800	17500	22300	19400	9680	14200
23	27800	17300	21700	26900	15800	20300	27600	17500	21900	19000	9830	14000
24	27500	17100	21300	25600	15500	19600	27700	17500	21900	19000	9790	14100
25	27400	17000	21200	25800	14800	19200	25800	17200	21100	20400	10400	14500
26	26100	16600	20700	25700	15600	19400	25500	17600	21300	16900	8750	12000
27	25400	15800	19600	25600	15900	19700	24400	17100	20600	14400	8530	11000
28	24500	15300	18900	23700	15800	19400	24200	16600	20000	14600	8210	10700
29	23200	15200	18800	23700	15700	19300	22700	16000	19000	15600	8560	11200
30	23200	15500	19400	23900	16100	19800	20900	12500	16100	17200	8700	12000
31	---	---	---	25000	16200	20200	16500	11500	13900	---	---	---
MONTH	32800	15200	23800	30400	11100	20400	32600	11500	21600	---	---	---

Actual value is known to be greater than the value shown

## ASHLEY RIVER BASIN

02172084 ASHLEY RIVER AT BAKERS LANDING NEAR NORTH CHARLESTON, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	21.9	20.5	21.0	17.4	15.5	16.5	19.2	18.5	18.8	10.4	9.4	9.8
2	21.6	19.9	20.7	18.2	16.7	17.5	19.1	18.5	18.8	9.8	8.0	8.9
3	21.5	20.0	20.8	18.9	17.7	18.3	18.6	17.9	18.3	8.7	6.7	7.6
4	21.6	20.3	21.0	19.1	18.3	18.7	18.0	17.2	17.5	7.4	6.1	6.8
5	22.1	20.9	21.4	18.7	18.1	18.3	18.0	17.1	17.5	7.1	5.8	6.6
6	22.4	21.4	21.9	18.1	16.9	17.4	17.8	17.0	17.4	7.4	6.3	6.9
7	22.1	21.3	21.6	17.1	16.0	16.6	17.9	17.2	17.6	7.3	6.8	7.1
8	21.5	20.5	20.9	16.9	15.7	16.3	18.1	17.2	17.6	7.2	6.5	6.9
9	20.7	19.6	20.1	16.9	15.8	16.2	18.5	17.8	18.1	7.1	6.3	6.8
10	20.7	19.6	20.1	16.9	15.2	16.1	18.3	16.7	17.6	7.8	6.7	7.3
11	20.9	19.9	20.4	16.7	15.3	15.9	17.3	16.2	16.7	8.6	7.6	8.1
12	21.1	20.2	20.6	16.5	15.0	15.8	16.8	16.1	16.4	8.9	8.2	8.6
13	21.7	20.5	21.0	15.8	14.7	15.2	17.2	16.3	16.8	9.7	8.7	9.0
14	21.9	20.9	21.4	15.6	14.5	15.0	17.7	16.8	17.3	9.2	8.7	8.9
15	21.9	21.0	21.4	15.8	14.8	15.3	18.2	17.5	17.8	9.9	8.8	9.2
16	21.6	20.7	21.1	16.0	15.1	15.6	17.6	17.1	17.4	9.8	8.9	9.3
17	20.9	19.6	20.2	16.1	15.4	15.8	17.5	16.8	17.2	10.2	9.1	9.6
18	19.6	18.4	19.0	16.1	15.5	15.8	17.6	17.0	17.4	10.4	9.4	9.8
19	19.3	17.9	18.8	16.6	15.7	16.1	17.1	16.6	16.9	11.5	9.8	10.4
20	19.9	18.5	19.3	16.7	16.1	16.3	16.6	15.9	16.2	11.8	10.8	11.2
21	20.6	19.3	20.0	16.3	15.8	16.0	16.0	15.0	15.4	11.6	10.9	11.2
22	21.4	20.3	20.8	15.8	15.2	15.5	15.2	14.2	14.7	11.6	10.8	11.2
23	21.7	20.7	21.2	15.6	15.2	15.4	14.7	14.0	14.3	12.7	11.0	11.7
24	22.3	21.2	21.7	16.4	15.5	15.9	14.7	13.9	14.4	13.7	12.0	12.7
25	22.5	21.9	22.2	17.1	16.3	16.7	14.3	13.1	13.8	13.7	12.9	13.2
26	22.2	20.7	21.5	17.5	16.8	17.2	13.6	11.5	12.8	13.5	12.4	12.9
27	20.8	19.0	20.2	18.0	17.1	17.5	12.2	10.6	11.5	13.7	12.7	13.2
28	19.0	17.3	18.4	18.3	17.3	17.8	11.5	10.3	10.9	14.6	13.4	13.9
29	17.8	16.3	17.1	18.4	17.7	18.0	11.5	10.0	10.9	15.3	13.7	14.3
30	---	---	---	18.9	18.0	18.4	11.3	10.1	10.7	16.1	14.4	15.1
31	16.9	15.2	16.0	---	---	---	10.8	9.8	10.2	17.1	15.3	16.0
MONTH	---	---	---	19.1	14.5	16.6	19.2	9.8	15.8	17.1	5.8	10.1
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	18.1	16.1	16.9	11.5	10.4	11.0	22.3	20.9	21.5	23.8	22.8	23.3
2	17.5	16.6	17.1	12.4	10.7	11.4	22.2	20.6	21.5	24.9	23.0	23.9
3	16.6	15.3	15.8	13.7	12.1	12.9	22.4	21.2	21.8	25.3	24.0	24.5
4	15.4	14.1	14.7	13.0	12.0	12.5	21.9	21.0	21.5	24.8	24.2	24.5
5	14.1	12.7	13.2	12.2	11.3	11.8	21.0	19.7	20.4	24.4	23.5	24.0
6	13.0	11.9	12.4	12.4	10.9	11.8	20.2	18.7	19.5	24.3	23.2	23.8
7	12.7	11.9	12.4	12.8	11.4	12.2	19.3	18.4	18.9	24.7	23.7	24.3
8	12.6	11.6	12.1	13.6	12.2	12.9	19.3	18.4	18.8	25.6	24.3	24.9
9	12.6	11.5	12.1	14.8	13.2	13.9	19.9	18.7	19.3	26.5	25.1	25.7
10	13.9	12.2	12.9	15.7	14.2	14.8	---	---	---	26.9	25.7	26.3
11	13.9	13.1	13.4	15.3	14.0	14.8	---	---	---	27.4	26.3	26.8
12	13.8	13.0	13.3	15.2	14.5	14.8	20.9	19.9	20.4	27.8	26.4	27.0
13	13.3	12.6	13.0	16.4	14.9	15.4	21.3	20.3	20.8	28.0	26.7	27.2
14	13.3	12.5	12.9	17.2	15.3	16.1	22.5	20.8	21.5	27.2	26.4	26.8
15	13.0	12.3	12.6	18.1	16.1	16.9	23.2	21.6	22.2	---	---	---
16	13.1	12.2	12.6	19.1	16.9	17.7	23.9	22.2	22.9	---	---	---
17	13.1	12.2	12.6	19.8	17.8	18.6	24.6	22.7	23.5	---	---	---
18	12.7	11.9	12.3	20.6	18.5	19.3	24.9	23.4	24.0	25.9	25.3	25.6
19	13.1	11.8	12.3	20.5	19.1	19.6	25.3	23.8	24.4	25.3	22.8	23.8
20	13.6	12.1	12.7	21.2	19.2	20.0	25.8	24.3	25.0	23.2	21.3	22.3
21	14.3	13.1	13.6	20.7	19.6	20.1	26.1	24.7	25.4	22.5	20.9	21.7
22	14.1	13.4	13.8	19.6	18.6	19.0	25.9	25.1	25.6	21.9	20.2	21.1
23	13.9	13.2	13.5	18.6	17.3	18.0	25.8	24.2	25.0	22.0	20.4	21.0
24	13.3	12.2	12.9	17.9	17.0	17.6	25.1	24.1	24.5	22.6	20.7	21.5
25	13.2	12.0	12.7	18.4	16.9	17.8	24.9	23.8	24.3	23.5	21.6	22.4
26	13.7	12.6	13.1	19.3	18.0	18.6	24.5	23.9	24.2	24.2	22.5	23.3
27	13.4	11.7	12.8	20.1	18.9	19.5	24.1	22.9	23.4	24.5	23.0	23.7
28	11.9	11.2	11.6	20.2	19.2	19.7	24.3	22.6	23.5	24.9	23.5	24.2
29	---	---	---	20.6	19.0	19.8	25.0	23.7	24.2	25.0	23.8	24.5
30	---	---	---	21.3	19.8	20.5	24.4	23.3	23.6	25.3	24.2	24.8
31	---	---	---	22.2	20.8	21.3	---	---	---	26.2	24.5	25.3
MONTH	18.1	11.2	13.3	22.2	10.4	16.5	---	---	---	---	---	---

02172084 ASHLEY RIVER AT BAKERS LANDING NEAR NORTH CHARLESTON, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	27.0	25.3	26.1	29.3	28.3	28.7	30.9	30.0	30.5	26.5	26.5	26.2
2	27.7	26.1	26.8	29.6	28.4	29.0	30.5	29.8	30.1	26.6	25.9	26.2
3	27.9	26.9	27.4	29.9	28.7	29.3	30.2	29.3	29.7	27.1	25.9	26.3
4	28.1	27.3	27.8	30.1	29.0	29.6	29.5	28.6	29.2	27.6	26.1	26.7
5	28.5	27.5	28.0	30.5	29.5	30.1	29.5	28.3	28.9	28.0	26.6	27.2
6	28.8	27.8	28.3	30.9	29.8	30.3	29.8	28.7	29.2	28.2	27.2	27.6
7	28.5	27.3	28.1	30.4	29.3	30.1	29.3	28.6	29.0	28.1	26.9	27.4
8	28.1	26.8	27.6	30.0	29.2	29.5	28.9	27.9	28.3	27.9	26.9	27.5
9	27.8	26.6	27.1	30.0	29.1	29.4	28.4	27.1	27.8	27.9	27.0	27.4
10	27.5	26.2	26.8	30.2	29.0	29.6	28.1	26.8	27.6	27.9	26.7	27.2
11	27.7	26.1	26.9	29.8	27.1	29.4	28.7	26.8	27.7	28.3	26.8	27.5
12	28.1	26.6	27.4	29.6	28.0	28.5	28.7	27.0	27.8	27.9	27.4	27.7
13	28.5	27.1	27.8	29.0	27.4	28.3	28.0	27.3	27.7	28.1	27.1	27.6
14	28.7	27.7	28.2	29.3	28.0	28.7	28.4	27.3	27.8	28.1	27.5	27.8
15	29.0	27.7	28.3	29.7	28.4	29.0	28.8	27.5	28.1	27.9	27.4	27.7
16	28.6	27.3	28.0	29.9	28.5	29.2	29.3	28.2	28.7	---	---	---
17	28.1	27.4	27.8	30.4	29.0	29.7	29.5	28.7	29.2	28.2	27.3	27.7
18	27.9	27.0	27.4	30.9	29.6	30.2	29.8	29.0	29.3	28.1	27.3	27.7
19	27.7	26.5	27.0	31.3	30.0	30.6	29.8	29.1	29.4	28.0	27.2	27.6
20	27.2	26.3	26.8	31.6	30.3	30.9	30.4	29.0	29.4	27.8	26.9	27.3
21	26.7	25.8	26.3	31.6	30.3	30.8	29.7	28.8	29.3	27.8	26.7	27.2
22	26.0	25.0	25.5	31.0	30.1	30.5	29.8	28.8	29.2	27.8	26.6	27.2
23	26.0	24.9	25.4	30.2	29.4	29.8	30.0	28.7	29.4	27.5	26.9	27.2
24	26.6	25.4	25.9	29.7	28.7	29.2	30.3	29.1	29.8	27.3	26.7	26.9
25	26.4	25.9	26.1	30.1	28.5	29.4	30.1	29.3	29.7	27.0	26.0	26.3
26	27.6	25.8	26.5	30.4	29.1	29.9	29.7	28.7	29.2	26.8	25.5	26.2
27	28.1	26.6	27.2	30.5	29.4	30.0	29.2	28.6	28.8	27.4	26.3	26.7
28	28.9	27.2	27.8	30.9	29.8	30.4	28.9	28.2	28.4	27.5	26.7	27.1
29	29.2	27.9	28.4	31.5	30.2	30.8	28.4	27.5	27.8	27.3	27.0	27.1
30	28.9	28.2	28.5	31.6	30.6	31.1	27.7	26.4	26.9	27.2	26.4	26.9
31	---	---	---	32.1	30.6	31.0	26.5	26.1	26.3	---	---	---
MONTH	29.2	24.9	27.2	32.1	27.1	29.8	30.9	26.1	28.7	---	---	---

## ASHLEY RIVER BASIN

02172084 ASHLEY RIVER AT BAKERS LANDING NEAR NORTH CHARLESTON, SC--Continued

## OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	6.1	5.5	5.8	7.1	6.6	6.9	6.7	6.2	6.5	9.6	8.7	9.1			
2	6.4	5.7	6.1	7.2	6.7	6.9	6.7	6.0	6.4	9.7	8.9	9.3			
3	6.8	6.1	6.3	7.2	6.6	6.9	6.9	6.1	6.4	10.1	9.2	9.5			
4	6.9	6.2	6.5	7.2	6.6	6.9	7.0	6.3	6.6	10.3	9.5	9.8			
5	6.9	6.2	6.5	7.2	6.5	6.9	7.1	6.6	6.8	10.7	9.7	10.1			
6	6.8	6.1	6.4	7.5	6.7	7.1	7.0	6.6	6.8	10.6	9.8	10.2			
7	7.6	6.3	6.7	7.7	7.0	7.3	6.9	6.6	6.8	10.9	10.0	10.3			
8	7.5	6.8	7.1	7.8	7.0	7.4	6.8	6.5	6.7	10.6	10.0	10.2			
9	7.7	7.1	7.4	7.6	7.1	7.4	6.7	6.3	6.4	10.6	10.0	10.2			
10	7.7	7.4	7.5	7.5	7.1	7.3	6.7	6.3	6.5	10.5	10.0	10.2			
11	7.8	7.2	7.5	7.5	7.0	7.3	6.6	6.1	6.3	10.5	10.0	10.2			
12	7.5	6.7	7.2	7.6	7.0	7.3	6.3	6.0	6.1	10.3	10.0	10.2			
13	7.2	6.5	6.9	7.9	7.2	7.5	6.3	6.0	6.1	10.1	9.7	10			
14	6.8	6.2	6.5	7.9	7.4	7.6	6.5	6.0	6.2	10.2	9.7	9.9			
15	6.7	6.0	6.4	8.0	7.4	7.7	6.5	6.0	6.2	9.9	9.5	9.7			
16	6.6	6.0	6.4	8.1	7.5	7.8	7.0	6.2	6.5	10.0	9.4	9.6			
17	6.9	6.2	6.5	8.3	7.7	7.9	7.0	6.3	6.7	9.9	9.4	9.7			
18	7.2	6.6	6.8	8.4	7.7	8.0	7.2	6.7	6.9	10.0	9.5	9.7			
19	7.3	6.8	6.9	8.2	7.8	8.0	7.3	6.7	6.9	10.1	9.5	9.7			
20	7.1	6.8	6.9	8.1	7.6	7.9	7.6	7.0	7.2	10.2	9.6	9.8			
21	6.8	6.5	6.6	8.0	7.6	7.8	7.6	7.0	7.3	9.9	9.6	9.7			
22	6.6	6.3	6.4	8.0	7.7	7.8	7.7	7.2	7.4	10.3	9.4	9.8			
23	6.3	5.8	6.1	7.8	7.6	7.7	7.7	7.2	7.4	10.4	9.6	9.9			
24	6.0	5.6	5.8	7.7	7.4	7.6	7.9	7.3	7.6	10.1	9.3	9.7			
25	6.1	5.4	5.7	7.7	7.2	7.4	7.9	7.4	7.6	9.8	8.6	9.2			
26	6.2	5.6	5.8	7.5	6.8	7.2	8.1	7.4	7.7	9.4	8.4	8.9			
27	6.3	5.8	6.0	7.2	6.5	6.9	8.1	7.8	7.9	8.9	8.2	8.6			
28	6.6	5.9	6.3	7.1	6.4	6.8	8.3	7.9	8.1	8.6	7.8	8.2			
29	6.6	6.3	6.5	7.0	6.2	6.7	8.6	8.1	8.3	8.3	7.6	8.1			
30	---	---	---	6.9	6.2	6.7	9.0	8.3	8.6	8.6	7.5	8.1			
31	7.0	6.5	6.8	---	---	---	9.3	8.5	8.8	8.5	7.6	8.0			
MONTH	---	---	---	8.4	6.2	7.4	9.3	6.0	7.0	10.9	7.5	9.5			
DAY	MAX	MIN	MEAN	FEBRUARY			MARCH			APRIL			MAY		
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	8.1	7.4	7.7	10.2	8.7	9.2	6.0	4.8	5.4	5.3	3.0	3.9			
2	8.0	7.1	7.5	9.2	8.6	8.9	5.7	4.6	5.2	5.1	2.6	3.9			
3	7.9	7.2	7.5	8.6	7.8	8.4	5.5	4.4	5.0	5.8	4.2	5.0			
4	8.0	7.2	7.6	8.8	8.0	8.3	5.4	4.5	4.9	5.5	4.2	5.0			
5	8.3	7.8	8.0	9.0	8.2	8.5	5.7	4.7	5.1	5.8	4.5	5.1			
6	8.1	8.0	8.0	9.2	8.4	8.7	5.7	4.8	5.3	5.9	4.7	5.2			
7	8.2	7.9	8.0	9.3	8.5	8.8	6.0	5.1	5.6	5.4	4.6	5.0			
8	8.1	7.9	8.0	9.3	8.5	8.9	6.1	5.5	5.8	5.5	4.5	5.0			
9	8.3	7.9	8.1	9.1	8.5	8.8	6.1	5.6	5.9	5.7	4.1	5.1			
10	8.2	7.9	8.1	9.1	8.3	8.6	---	---	---	5.7	4.1	5.2			
11	8.3	7.7	8.0	9.0	8.0	8.6	---	---	---	6.0	4.3	5.2			
12	8.7	7.9	8.2	8.8	8.0	8.3	6.3	5.2	5.7	5.8	4.3	5.2			
13	8.7	7.9	8.2	8.1	7.3	7.7	6.2	5.0	5.6	6.4	4.2	5.3			
14	9.0	8.1	8.5	7.9	6.9	7.6	6.1	4.9	5.5	7.3	4.3	5.6			
15	9.0	8.2	8.6	7.9	6.8	7.5	6.0	4.6	5.3	---	---	---			
16	9.3	8.3	8.7	7.8	6.8	7.4	5.9	4.5	5.2	---	---	---			
17	9.5	8.5	8.9	7.6	6.6	7.1	5.8	4.3	5.0	---	---	---			
18	9.8	8.7	9.1	7.3	6.3	6.8	5.6	4.2	4.9	8.5	3.8	6.5			
19	10.0	8.8	9.3	7.3	5.9	6.6	5.8	4.0	4.9	6.9	3.4	5.6			
20	9.9	9.0	9.4	7.2	5.9	6.6	5.5	4.2	4.8	7.0	3.5	5.5			
21	10.0	9.0	9.4	6.9	5.7	6.2	5.6	4.0	4.8	6.5	3.8	5.7			
22	9.6	8.9	9.2	6.9	5.4	6.2	5.5	4.2	4.8	6.4	3.3	5.6			
23	9.0	8.5	8.8	7.0	6.0	6.4	5.8	4.4	5.0	6.0	3.9	5.3			
24	8.8	8.4	8.6	7.0	6.1	6.6	5.7	4.4	5.0	5.8	3.7	5.0			
25	8.8	8.3	8.5	7.1	6.0	6.5	5.4	4.2	4.8	6.1	3.8	4.8			
26	---	---	---	7.2	6.0	6.5	5.6	3.9	4.9	5.4	2.5	4.5			
27	---	---	---	7.2	5.8	6.4	5.2	4.2	4.7	5.8	3.5	4.6			
28	---	---	---	7.1	5.7	6.5	5.3	3.8	4.6	5.2	2.4	4.3			
29	---	---	---	6.8	5.5	6.3	5.2	4.0	4.8	5.0	2.7	4.2			
30	---	---	---	6.6	5.4	6.0	5.4	4.4	4.9	5.0	2.8	4.2			
31	---	---	---	6.4	5.1	5.7	---	---	---	5.4	3.4	4.4			
MONTH	---	---	---	10.2	5.1	7.4	---	---	---	---	---	---			

02172084 ASHLEY RIVER AT BAKERS LANDING NEAR NORTH CHARLESTON, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

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



02172300 McTIER CREEK NEAR MONETTA, SC--Continued

SUMMARY STATISTICS

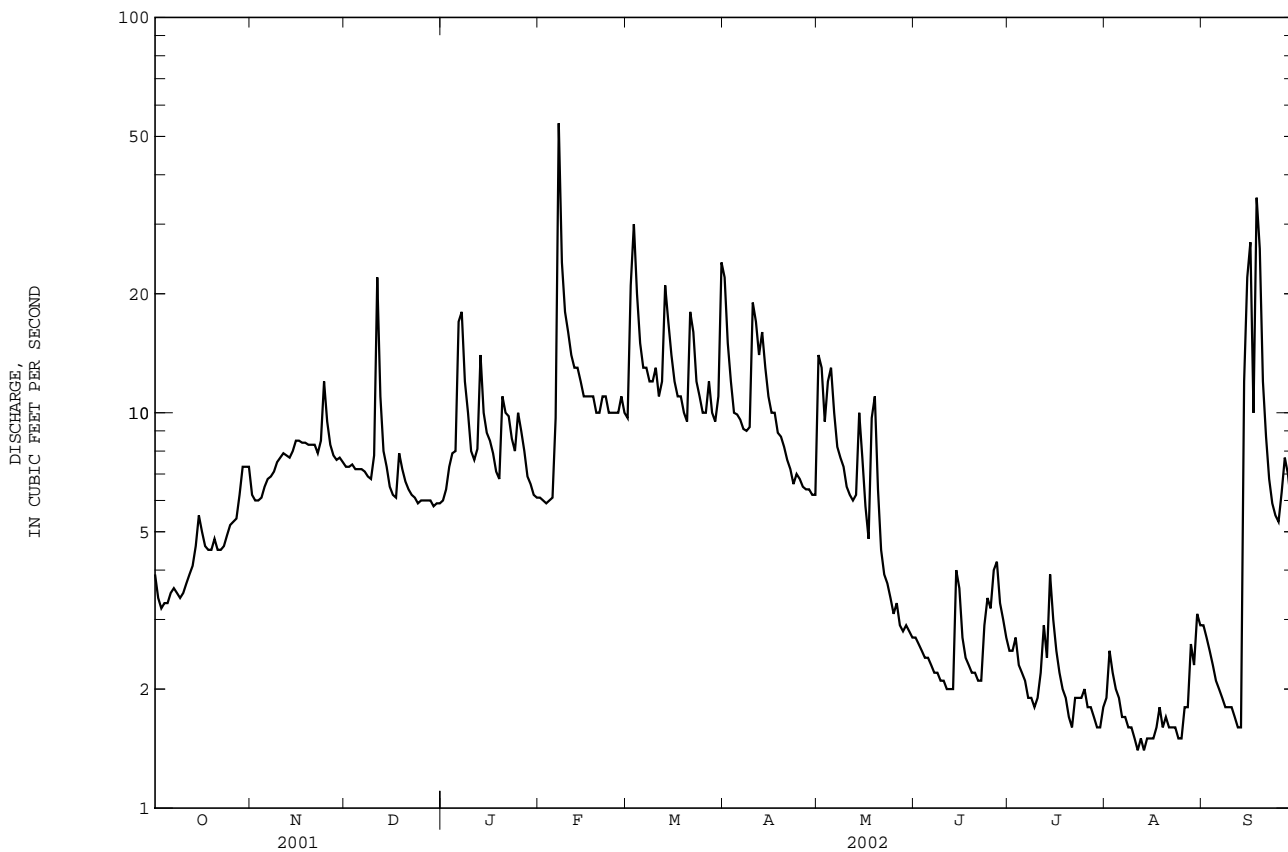
FOR 2002 WATER YEAR

WATER YEARS 1996 - 2002

ANNUAL TOTAL	2621.5		
ANNUAL MEAN	7.18		18.3
HIGHEST ANNUAL MEAN			26.5
LOWEST ANNUAL MEAN			7.18
HIGHEST DAILY MEAN	54	Feb 7	248
LOWEST DAILY MEAN	1.4	a Aug 11	1.4
ANNUAL SEVEN-DAY MINIMUM	1.5	Aug 10	1.5
MAXIMUM PEAK FLOW	74	Feb 7	536
MAXIMUM PEAK STAGE	4.75	Feb 7	7.48
ANNUAL RUNOFF (CFSM)	0.47		1.20
ANNUAL RUNOFF (INCHES)	6.37		16.25
10 PERCENT EXCEEDS	13		34
50 PERCENT EXCEEDS	6.4		17
90 PERCENT EXCEEDS	1.8		3.4

a Also occurred Aug. 13.

e Estimated







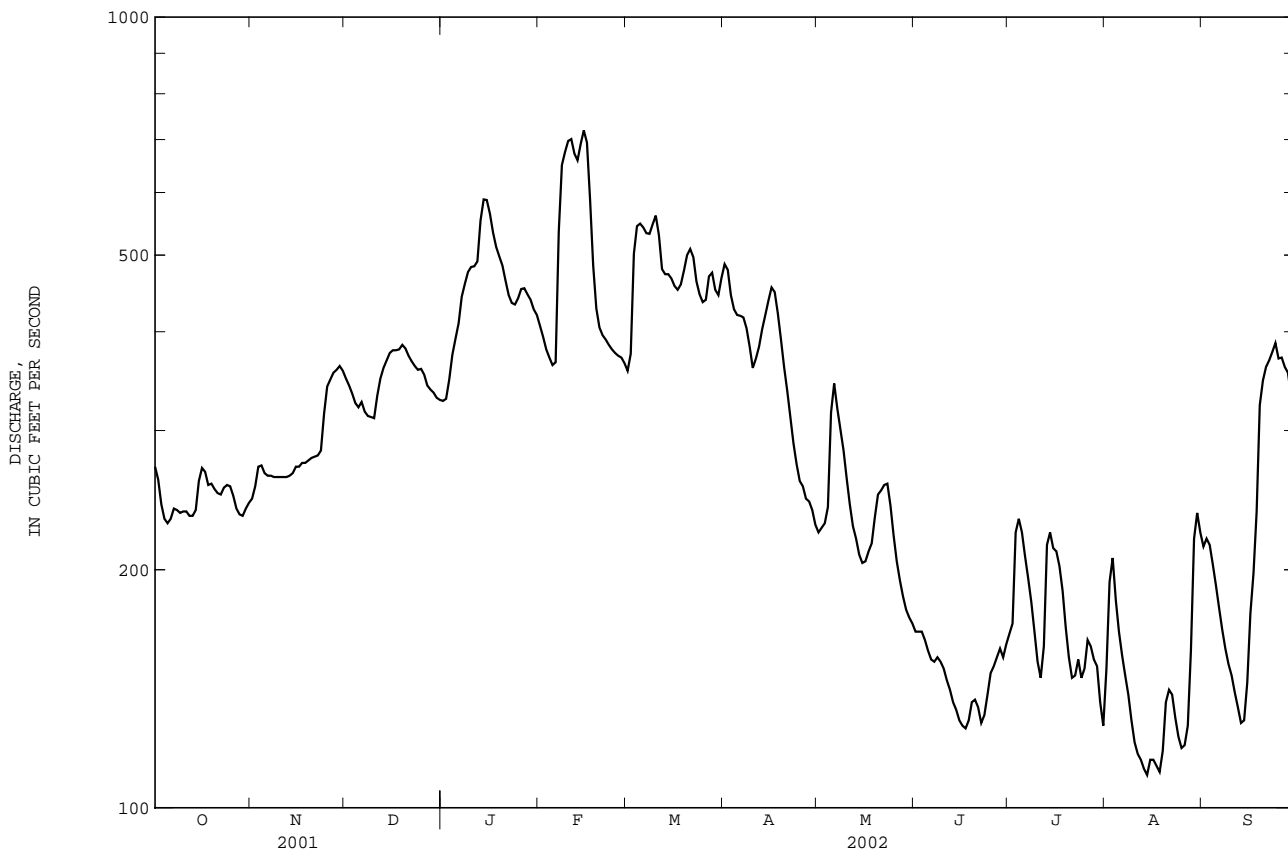
02173000 SOUTH FORK EDISTO RIVER NEAR DENMARK, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1931 - 2002	
ANNUAL TOTAL	157214		110021		751	
ANNUAL MEAN	431		301		1468	
HIGHEST ANNUAL MEAN					301	
LOWEST ANNUAL MEAN					1965	
HIGHEST DAILY MEAN	1040	Mar 22	719	Feb 15	12700	Apr 11 1936
LOWEST DAILY MEAN	200	Aug 29	110	Aug 14	110	Aug 14 2002
ANNUAL SEVEN-DAY MINIMUM	224	Aug 24	113	Aug 12	113	Aug 12 2002
MAXIMUM PEAK FLOW			724	a Feb 15	b 13500	Apr 11 1936
MAXIMUM PEAK STAGE			6.02	a Feb 15	10.91	Apr 11 1936
ANNUAL RUNOFF (CFSM)	0.60		0.42		1.04	
ANNUAL RUNOFF (INCHES)	8.12		5.68		14.18	
10 PERCENT EXCEEDS	736		481		1330	
50 PERCENT EXCEEDS	368		266		625	
90 PERCENT EXCEEDS	248		140		331	

a Also occurred Feb. 16.

b From rating curve extended above 7,100 ft<sup>3</sup>/s on basis of velocity-area studies.

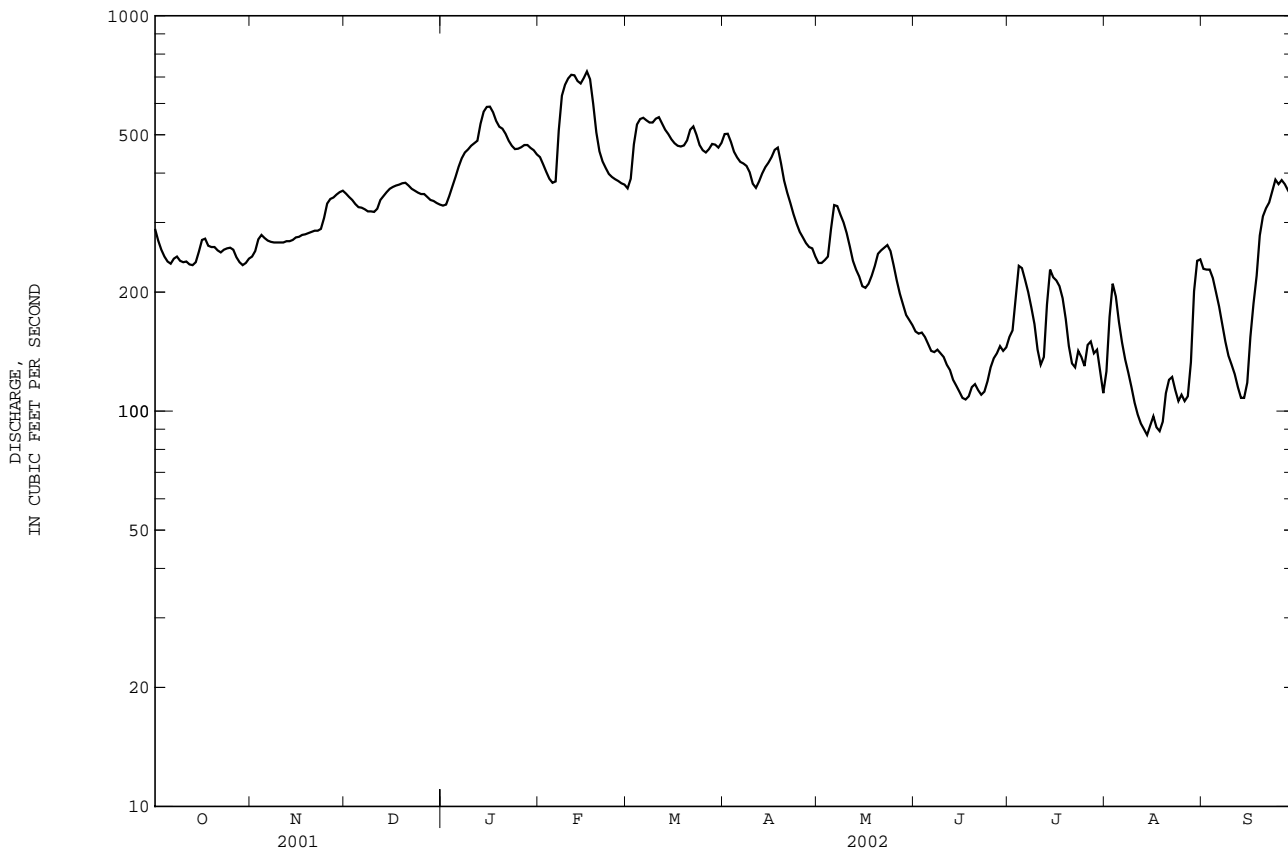
e Estimated





02173030 SOUTH FORK EDISTO RIVER NEAR COPE, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1991 - 2002	
ANNUAL TOTAL	169460		110812		730	
ANNUAL MEAN	464		304		1226	
HIGHEST ANNUAL MEAN					304	
LOWEST ANNUAL MEAN					1998	
HIGHEST DAILY MEAN	1230	Mar 23	723	Feb 16	6510	May 9 1998
LOWEST DAILY MEAN	221	Aug 29	87	Aug 14	87	Aug 14 2002
ANNUAL SEVEN-DAY MINIMUM	238	Aug 25	91	Aug 12	91	Aug 12 2002
MAXIMUM PEAK FLOW			726		7610	
MAXIMUM PEAK STAGE			8.62		10.86	
ANNUAL RUNOFF (CFSM)	0.61		0.40		0.96	
ANNUAL RUNOFF (INCHES)	8.33		5.45		13.10	
10 PERCENT EXCEEDS	815		502		1240	
50 PERCENT EXCEEDS	380		275		612	
90 PERCENT EXCEEDS	255		123		288	

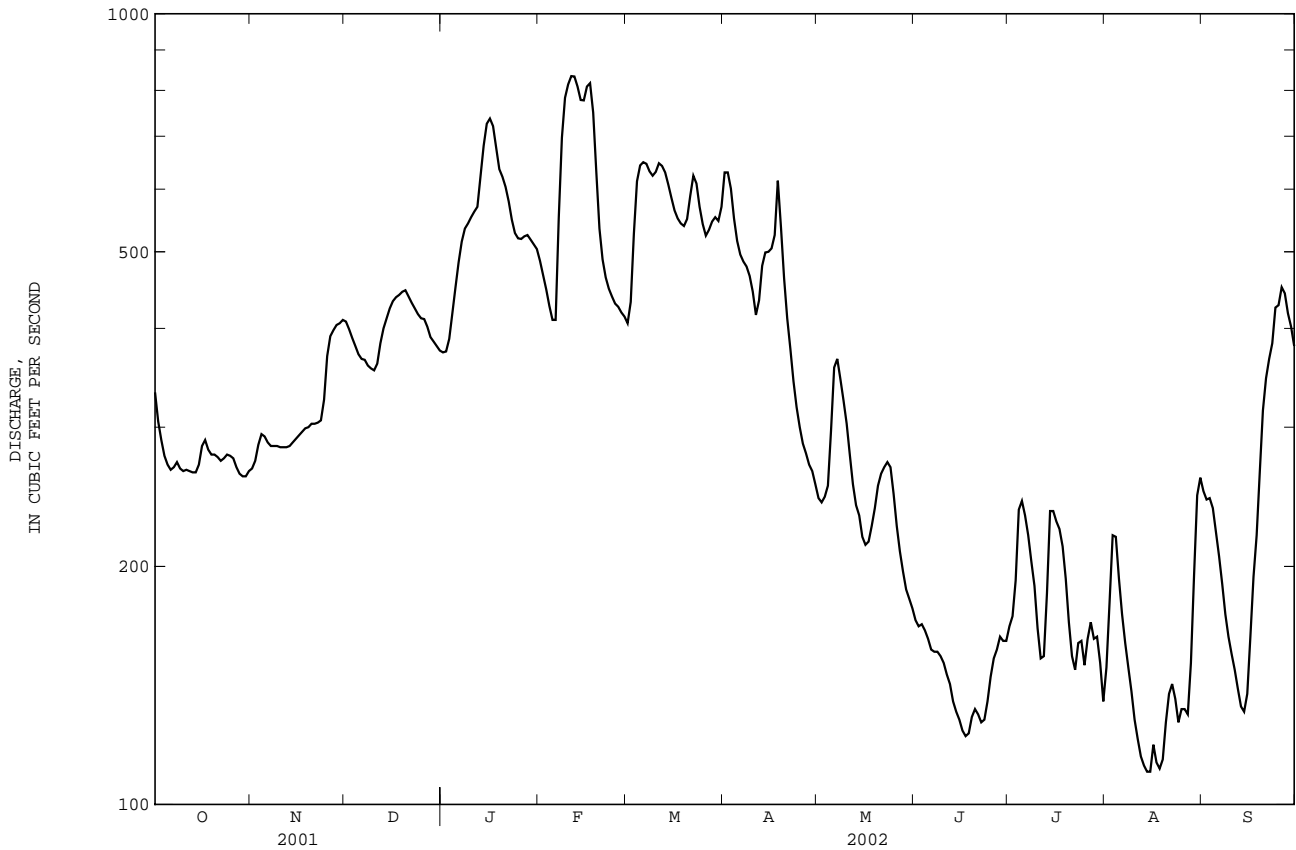




02173051 SOUTH FORK EDISTO RIVER NEAR BAMBERG, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1991 - 2002	
ANNUAL TOTAL	208455		125724		974	
ANNUAL MEAN	571		344		1585	
HIGHEST ANNUAL MEAN					344	
LOWEST ANNUAL MEAN					1998	
HIGHEST DAILY MEAN	1740	Mar 23	834	Feb 11	8080	May 9 1998
LOWEST DAILY MEAN	227	Aug 29	110	a Aug 14	110	a Aug 14 2002
ANNUAL SEVEN-DAY MINIMUM	245	Aug 25	113	Aug 13	113	Aug 13 2002
MAXIMUM PEAK FLOW			836	b Feb 11	8640	May 9 1998
MAXIMUM PEAK STAGE			9.56	b Feb 11	13.71	May 9 1998
ANNUAL RUNOFF (CFPM)	0.71		0.43		1.21	
ANNUAL RUNOFF (INCHES)	9.61		5.80		16.40	
10 PERCENT EXCEEDS	1100		606		1730	
50 PERCENT EXCEEDS	437		290		838	
90 PERCENT EXCEEDS	269		142		308	

a Also occurred Aug. 15.  
 b Also occurred Feb. 12.



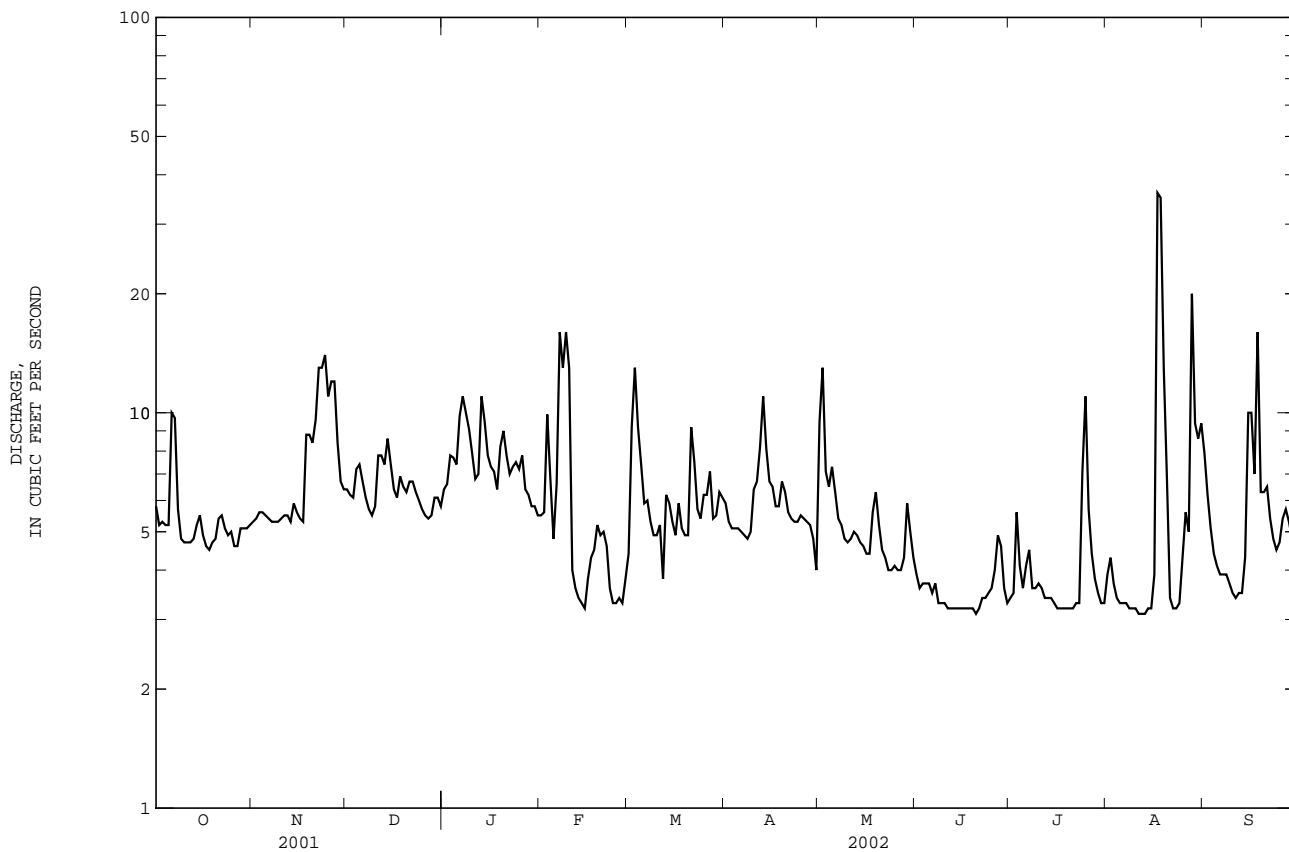


02173351 BULL SWAMP CREEK BELOW SWANSEA, SC--Continued

SUMMARY STATISTICS	FOR 2002 WATER YEAR		WATER YEARS 2001 - 2002	
ANNUAL TOTAL	2152.4			
ANNUAL MEAN	5.90		5.90	
HIGHEST ANNUAL MEAN			5.90	2002
LOWEST ANNUAL MEAN			5.90	2002
HIGHEST DAILY MEAN	36	Aug 17	e 80	Jun 13 2001
LOWEST DAILY MEAN	3.1	a Jun 20	3.1 a	Jun 20 2002
ANNUAL SEVEN-DAY MINIMUM	3.2	Aug 8	3.2	Aug 8 2002
MAXIMUM PEAK FLOW	93	Aug 17	93	Aug 17 2002
MAXIMUM PEAK STAGE	4.85	Aug 17	4.85	Aug 17 2002
ANNUAL RUNOFF (CFSM)	0.17		0.17	
ANNUAL RUNOFF (INCHES)	2.33		2.33	
10 PERCENT EXCEEDS	9.1		9.1	
50 PERCENT EXCEEDS	5.3		5.3	
90 PERCENT EXCEEDS	3.3		3.3	

a Also occurred Aug. 11-13.

e Estimated







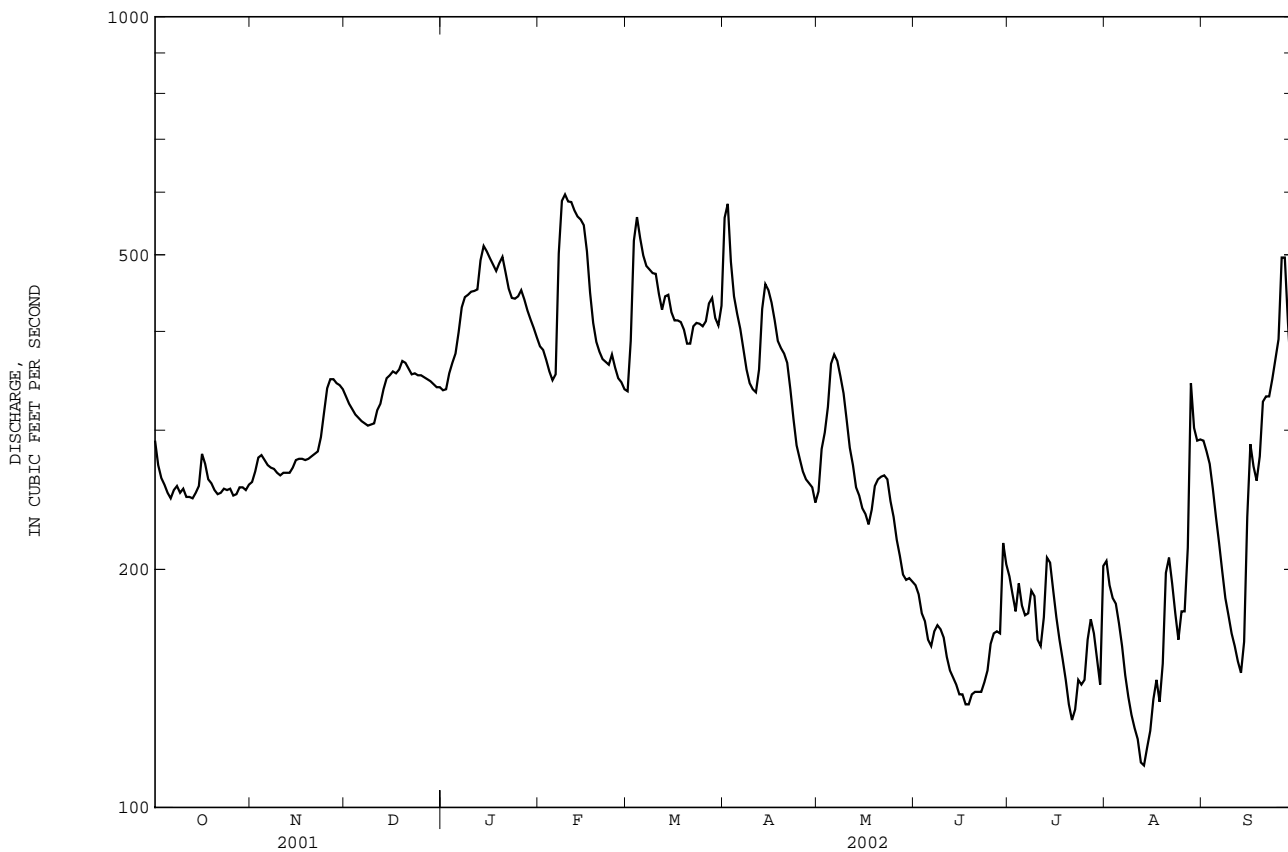
02173500 NORTH FORK EDISTO RIVER AT ORANGEBURG, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1939 - 2002	
ANNUAL TOTAL	151430		109691		766	
ANNUAL MEAN	415		301		1389	
HIGHEST ANNUAL MEAN					301	
LOWEST ANNUAL MEAN					1965	
HIGHEST DAILY MEAN	1120	Jun 18	596	Feb 9	8850	Sep 18 1945
LOWEST DAILY MEAN	199	Aug 29	113	Aug 13	113	Aug 13 2002
ANNUAL SEVEN-DAY MINIMUM	217	Aug 26	121	Aug 9	121	Aug 9 2002
MAXIMUM PEAK FLOW			604	a Feb 8	b 9500	Sep 18 1945
MAXIMUM PEAK STAGE			4.86	Apr 2	14.28	Sep 18 1945
INSTANTANEOUS LOW FLOW			109	Aug 13	109	Aug 13 2002
ANNUAL RUNOFF (CFSM)	0.61		0.44		1.12	
ANNUAL RUNOFF (INCHES)	8.25		5.97		15.23	
10 PERCENT EXCEEDS	712		451		1270	
50 PERCENT EXCEEDS	354		282		662	
90 PERCENT EXCEEDS	250		154		367	

a Also occurred Feb. 9.

b From rating curve extended above 5,300 ft<sup>3</sup>/s by velocity-area studies.

e Estimated



## EDISTO RIVER BASIN

02174250 COW CASTLE CREEK NEAR BOWMAN, SC

LOCATION.--Lat 33°22'43'', long 80°42'00'', Orangeburg County, Hydrologic Unit 03050206, at bridge on county road, 1.1 mi, upstream from Buck Branch, and 3.2 mi northwest of Bowman.

DRAINAGE AREA.--23.4 mi<sup>2</sup>.

PERIOD OF RECORD.--October 1971 to September 1981, October 1995 to current year.

GAGE.--Data collection platform. Elevation of gage is 125 ft above NGVD of 1929 (from topographic map). Prior to February 1988, gage at same site, at different datum.

REMARKS.--Records fair except for discharges Oct. 1 to Dec. 15 and estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.9	4.1	4.3	1.3	1.4	1.7	14	1.5	0.35	0.39	e0.00	4.4
2	1.9	4.0	4.3	1.6	1.1	4.7	7.0	1.6	0.25	0.25	e0.02	3.2
3	1.9	4.0	4.6	1.6	1.1	13	5.3	1.2	0.22	0.18	e0.03	2.4
4	1.8	3.5	4.7	1.8	1.5	6.8	4.7	1.4	0.20	0.15	e0.51	1.8
5	1.8	3.6	4.6	2.3	1.1	4.9	4.4	4.1	0.18	0.14	e0.07	1.8
6	2.1	3.7	4.6	2.3	1.4	4.3	4.1	2.4	0.17	0.15	e0.01	1.5
7	2.7	3.8	4.0	2.3	9.5	3.7	4.1	1.5	0.27	3.9	e0.02	1.3
8	2.7	3.9	3.6	1.7	7.1	3.3	3.7	1.4	0.19	1.1	e0.00	1.3
9	2.3	4.5	3.4	1.6	4.6	3.2	3.3	1.4	0.16	0.23	e0.00	1.2
10	2.1	5.2	3.7	2.7	3.5	3.6	3.2	1.3	0.13	0.16	e0.00	0.89
11	2.2	4.7	4.1	1.2	3.1	3.1	3.3	1.3	0.10	0.27	e0.00	0.64
12	2.5	4.8	4.0	2.1	2.6	3.3	3.7	1.2	0.09	0.71	e0.00	0.57
13	2.5	4.8	4.7	4.3	2.3	3.7	4.2	0.93	0.08	0.71	e0.00	0.53
14	2.4	4.9	3.5	4.1	2.2	3.3	3.8	0.97	0.06	0.22	e0.00	0.74
15	2.3	4.8	3.0	2.9	2.4	3.1	5.8	0.85	0.05	0.19	e0.00	1.5
16	2.2	4.5	3.2	2.0	2.1	2.9	3.7	0.76	0.04	0.13	e0.01	2.6
17	2.3	4.5	3.4	2.4	2.0	2.8	3.0	0.77	0.04	0.08	e0.00	1.3
18	2.2	5.3	3.5	2.0	2.2	2.8	3.1	1.2	0.05	0.05	e0.01	0.93
19	2.2	5.2	3.2	1.6	1.8	2.8	2.8	1.4	0.06	0.04	e0.96	1.1
20	2.4	4.8	2.9	1.7	1.9	3.1	2.3	1.2	0.17	0.03	0.38	0.98
21	2.5	5.0	2.4	1.6	1.9	3.2	2.1	0.96	0.13	0.03	0.08	0.79
22	2.5	5.7	2.0	1.4	1.8	3.2	2.0	0.79	0.14	0.03	0.18	0.71
23	2.5	6.7	2.1	1.3	1.7	3.1	1.8	0.73	0.18	0.04	0.06	0.72
24	2.3	6.7	2.4	1.8	1.9	2.8	1.9	0.63	0.19	0.04	0.05	0.69
25	2.5	6.3	1.8	1.4	1.8	3.0	2.0	0.51	0.34	0.10	0.20	0.67
26	2.8	6.0	1.7	1.6	1.8	3.3	1.7	0.52	0.33	0.03	0.15	25
27	2.9	5.7	1.5	1.5	1.7	6.9	1.5	0.53	3.5	e0.03	0.69	18
28	3.3	5.7	1.4	1.6	1.9	4.5	1.5	0.45	0.55	e0.02	20	10
29	3.5	4.8	1.4	1.4	---	3.7	1.3	0.41	0.34	e0.02	12	7.0
30	3.7	4.5	1.4	1.2	---	4.0	1.2	0.54	0.27	e0.00	6.5	5.6
31	4.0	---	1.3	1.5	---	4.8	---	0.48	---	e0.00	5.6	---
TOTAL	76.9	145.7	96.7	59.8	69.4	122.6	106.5	34.93	8.83	9.42	47.53	99.86
MEAN	2.48	4.86	3.12	1.93	2.48	3.95	3.55	1.13	0.29	0.30	1.53	3.33
MAX	4.0	6.7	4.7	4.3	9.5	13	14	4.1	3.5	3.9	20	25
MIN	1.8	3.5	1.3	1.2	1.1	1.7	1.2	0.41	0.04	0.00	0.00	0.53
CFM	0.11	0.21	0.13	0.08	0.11	0.17	0.15	0.05	0.01	0.01	0.07	0.14
IN.	0.12	0.23	0.15	0.10	0.11	0.19	0.17	0.06	0.01	0.01	0.08	0.16

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1971 - 2002, BY WATER YEAR (WY)

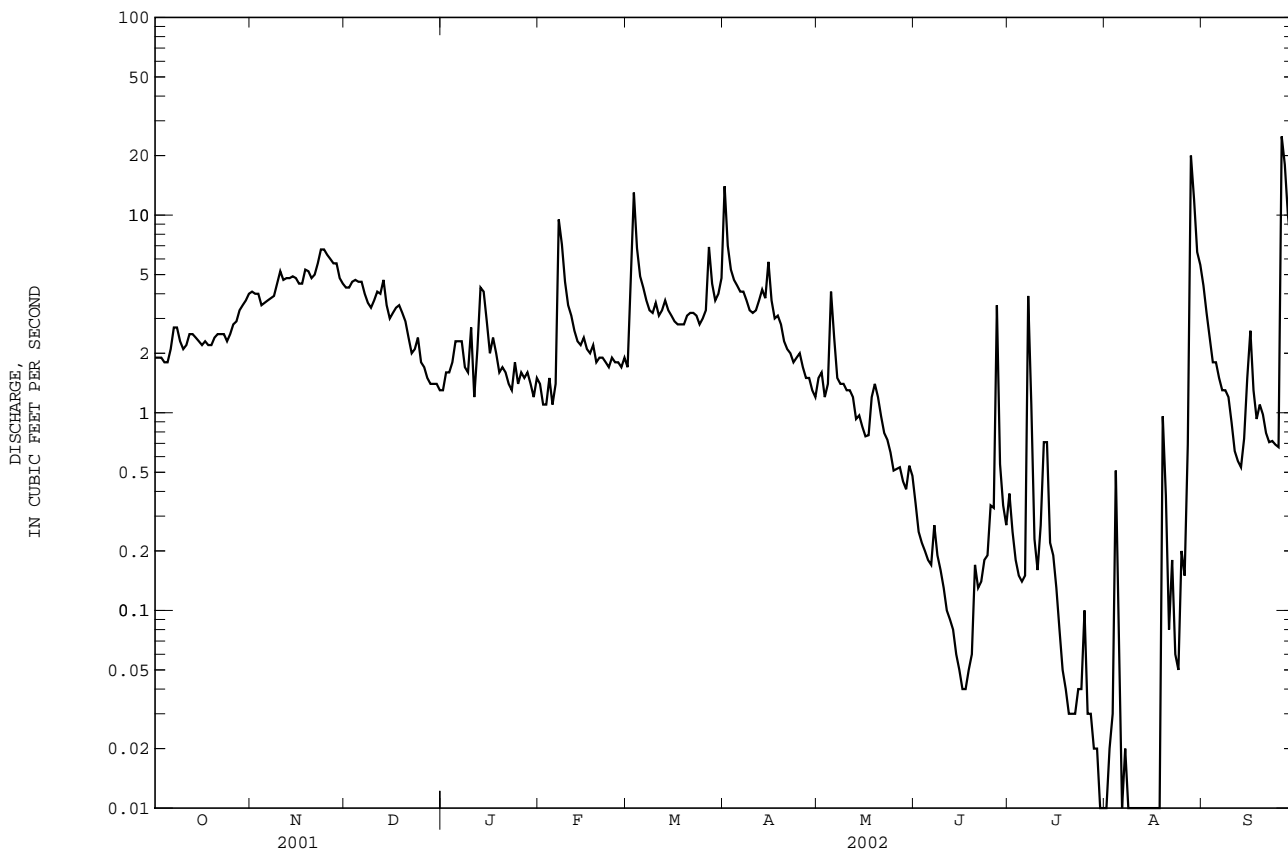
	MEAN	MAX	MIN	(WY)	MEAN	MAX	MIN	(WY)	MEAN	MAX	MIN	(WY)
MEAN	5.38	7.74	18.8	34.7	45.7	41.5	21.3	15.3	12.9	12.9	8.33	8.72
MAX	25.0	31.3	81.9	114	145	113	63.6	56.1	67.6	40.3	53.0	67.3
(WY)	1996	1996	1998	1998	1973	1980	1973	1998	1973	1976	1971	1979
MIN	0.87	1.14	2.20	1.93	2.48	3.95	2.83	1.13	0.29	0.30	1.39	0.51
(WY)	1979	1979	1981	2002	2002	2002	1981	2002	2002	2002	1996	1996

02174250 COW CASTLE CREEK NEAR BOWMAN, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR	FOR 2002 WATER YEAR	WATER YEARS 1971 - 2002	
ANNUAL TOTAL	4202.66	878.17	19.3	
ANNUAL MEAN	11.5	2.41	48.0	1998
HIGHEST ANNUAL MEAN			2.41	2002
LOWEST ANNUAL MEAN			625	Feb 15 1973
HIGHEST DAILY MEAN	123 Mar 4	25 Sep 26	0.00 a	Jul 30 2002
LOWEST DAILY MEAN	0.96 Sep 19	0.00 a Jul 30	0.00 a	Aug 8 2002
ANNUAL SEVEN-DAY MINIMUM	1.5 Dec 25	0.00 Aug 8	0.00	Aug 8 2002
MAXIMUM PEAK FLOW		40 Sep 26	2340	Sep 4 1979
MAXIMUM PEAK STAGE		2.30 Sep 26	7.37	Sep 4 1979
ANNUAL RUNOFF (CFSM)	0.49	0.10	0.83	
ANNUAL RUNOFF (INCHES)	6.68	1.40	11.22	
10 PERCENT EXCEEDS	25	4.8	46	
50 PERCENT EXCEEDS	5.9	1.8	7.0	
90 PERCENT EXCEEDS	2.2	0.06	1.6	

a Also occurred July 31 and several days in August.

e Estimated



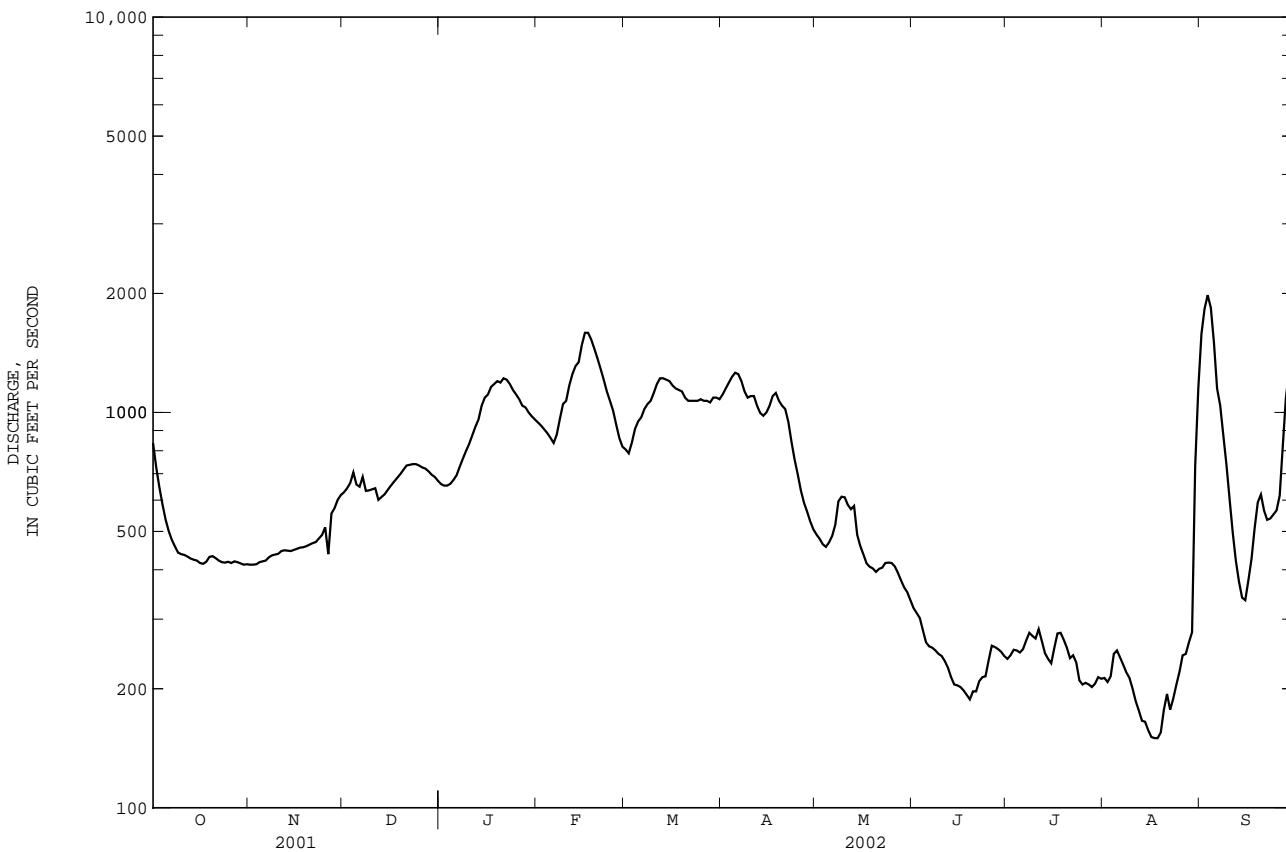


02175000 EDISTO RIVER NEAR GIVHANS, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1939 - 2002	
ANNUAL TOTAL	451995		235450		2562	
ANNUAL MEAN	1238		645		5225	
HIGHEST ANNUAL MEAN					1960	
LOWEST ANNUAL MEAN					2002	
HIGHEST DAILY MEAN	5210	Mar 18	1980	Sep 3	24100	Jun 14 1973
LOWEST DAILY MEAN	412	Oct 30	150	a Aug 17	150	a Aug 17 2002
ANNUAL SEVEN-DAY MINIMUM	414	Oct 28	156	Aug 13	156	Aug 13 2002
MAXIMUM PEAK FLOW			2000		24500	
MAXIMUM PEAK STAGE			6.05		15.84	
INSTANTANEOUS LOW FLOW			147		147	
ANNUAL RUNOFF (CFSM)	0.45		0.24		0.94	
ANNUAL RUNOFF (INCHES)	6.16		3.21		12.75	
10 PERCENT EXCEEDS	2970		1160		5380	
50 PERCENT EXCEEDS	743		561		1760	
90 PERCENT EXCEEDS	438		214		699	

a Also occurred Aug. 18.

e Estimated









## SANTEE RIVER BASIN

02175000 EDISTO RIVER NEAR GIVHANS, SC--Continued

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	---	---	---	---	---	---	---	---	6.5	6.4	---	---
2	---	---	---	---	---	---	---	---	6.7	6.4	7.0	6.9
3	---	---	---	---	---	---	---	---	6.7	6.6	6.9	6.8
4	---	---	---	---	---	---	---	---	6.8	6.7	6.9	6.8
5	---	---	---	---	---	---	---	---	6.9	6.8	6.9	6.8
6	---	---	---	---	---	---	---	---	6.9	6.8	6.9	6.8
7	---	---	---	---	---	---	---	---	6.9	6.9	6.8	6.7
8	---	---	---	---	---	---	---	---	7.0	6.9	6.8	6.7
9	---	---	---	---	---	---	---	---	7.0	7.0	6.7	6.6
10	---	---	---	---	---	---	---	---	7.0	6.9	6.7	6.6
11	---	---	---	---	---	---	---	---	7.0	6.9	6.7	6.6
12	---	---	---	---	---	---	---	---	7.0	7.0	6.7	6.7
13	---	---	---	---	---	---	---	---	7.0	7.0	6.7	6.7
14	---	---	---	---	---	---	---	---	7.0	7.0	6.7	6.7
15	---	---	---	---	---	---	---	---	7.1	7.0	6.7	6.7
16	---	---	---	---	---	---	---	---	7.1	7.0	6.7	6.6
17	---	---	---	---	---	---	---	---	7.0	7.0	6.7	6.6
18	---	---	---	---	---	---	---	---	7.0	7.0	6.7	6.7
19	---	---	---	---	---	---	---	---	7.0	7.0	6.7	6.6
20	---	---	---	---	---	---	---	---	7.0	7.0	6.7	6.5
21	---	---	---	---	---	---	---	---	7.0	6.9	6.5	6.4
22	---	---	---	---	---	---	---	---	6.9	6.9	6.5	6.4
23	---	---	---	---	---	---	---	---	7.0	6.9	6.5	6.3
24	---	---	---	---	---	---	---	---	7.0	7.0	6.4	6.3
25	---	---	---	---	---	---	6.6	6.5	---	---	6.3	6.2
26	---	---	---	---	---	---	---	---	---	---	6.4	6.2
27	---	---	---	---	---	---	---	---	---	---	6.4	6.2
28	---	---	---	---	---	---	---	---	---	---	6.5	6.4
29	---	---	---	---	---	---	6.7	6.4	---	---	6.6	6.4
30	---	---	---	---	---	---	6.5	6.4	---	---	6.8	6.5
31	---	---	---	---	---	---	6.5	6.3	---	---	6.8	6.6
MONTH	---	---	---	---	---	---	---	---	---	---	---	---
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	6.6	7.0	7.0	---	---	6.8	6.4	---	---
2	6.9	6.6	7.1	6.9	7.0	6.9	6.9	6.8	7.3	6.4	---	---
3	6.9	6.7	7.1	6.8	7.5	6.8	6.8	6.8	7.3	7.1	6.0	5.7
4	6.9	6.5	7.1	6.8	7.5	6.8	6.9	6.8	7.3	6.9	---	---
5	6.9	6.7	7.1	6.9	7.0	6.6	6.9	6.8	---	---	---	---
6	6.7	6.7	7.2	7.1	7.2	6.6	6.9	6.9	---	---	---	---
7	6.7	6.6	---	---	6.7	6.5	6.9	6.9	---	---	6.3	6.2
8	6.6	6.5	---	---	6.8	6.5	7.0	6.9	---	---	6.4	6.3
9	6.6	6.5	---	---	7.0	6.8	6.9	6.9	7.7	6.8	6.4	6.4
10	6.6	6.5	---	---	7.0	6.8	6.9	6.8	7.7	6.8	6.5	6.4
11	6.7	6.6	---	---	7.0	6.9	6.9	6.8	7.4	6.8	6.6	6.5
12	6.7	6.6	---	---	7.1	7.0	6.8	6.8	7.7	6.8	6.7	6.6
13	6.6	6.4	---	---	7.2	7.1	6.8	6.8	7.8	6.8	6.7	6.6
14	6.8	6.5	7.2	6.8	7.3	7.2	6.9	6.8	7.2	6.8	6.7	6.7
15	6.9	6.8	7.2	6.9	7.3	7.1	6.9	6.9	7.3	6.8	6.8	6.7
16	7.0	6.9	7.4	6.8	7.3	7.2	6.9	6.9	7.4	6.7	6.8	6.7
17	7.2	7.0	7.3	6.4	7.3	7.2	6.9	6.9	7.2	6.8	6.7	6.6
18	7.2	7.1	6.7	6.4	7.5	7.0	7.6	6.9	7.1	6.6	6.6	6.5
19	7.2	7.0	6.7	6.5	7.8	7.1	7.8	6.8	7.3	6.7	6.7	6.5
20	7.1	6.9	6.8	6.7	7.4	6.5	7.5	6.8	7.5	6.7	6.7	6.6
21	7.2	7.0	6.9	6.8	6.9	6.5	7.4	6.8	7.0	6.6	6.7	6.6
22	7.2	6.8	7.0	6.9	6.8	6.5	7.4	6.8	7.1	6.6	6.8	6.7
23	7.2	7.0	7.0	7.0	6.6	6.5	7.4	6.8	7.3	6.7	6.8	6.7
24	7.3	7.2	7.0	7.0	6.7	6.6	7.4	6.8	7.1	6.7	6.8	6.7
25	7.3	7.0	7.1	7.0	6.7	6.6	7.7	6.8	6.9	6.6	6.8	6.7
26	7.1	6.8	7.2	7.0	6.7	6.7	7.7	6.8	6.8	6.5	6.7	6.6
27	6.9	6.7	7.1	7.0	6.8	6.7	7.5	6.8	7.3	6.5	6.9	6.5
28	6.9	6.7	7.0	7.0	6.8	6.8	7.9	6.7	7.2	6.6	6.5	6.4
29	6.9	6.8	7.0	7.0	6.9	6.8	8.1	6.7	6.7	6.6	6.4	6.3
30	6.9	6.8	7.0	7.0	6.9	6.8	8.2	6.6	6.7	6.1	6.4	6.3
31	---	---	7.0	7.0	---	---	8.1	6.6	---	---	---	---
MONTH	7.3	6.4	---	---	7.8	6.5	---	---	---	---	---	---

SANTEE RIVER BASIN

02175000 EDISTO RIVER NEAR GIVHANS, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	12.7	12.0	12.4
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	14.5	12.8	13.5
30	---	---	---	---	---	---	---	---	---	15.4	13.6	14.3
31	---	---	---	---	---	---	---	---	---	16.3	14.8	15.5
MONTH	---	---	---	---	---	---	---	---	---	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	17.6	15.9	16.6	---	---	---	20.8	19.6	20.0	23.8	21.6	22.6
2	17.0	15.6	16.4	11.3	9.8	10.4	21.0	18.9	19.9	26.4	22.3	24.0
3	15.6	14.1	14.7	12.5	11.2	11.8	21.7	19.8	20.7	26.1	23.9	24.8
4	14.2	12.5	13.5	12.0	10.3	11.2	21.1	20.0	20.6	24.8	23.3	24.1
5	12.5	11.2	11.7	10.9	9.0	9.9	20.6	19.0	19.7	23.9	21.5	22.5
6	11.2	10.2	10.5	11.1	8.9	9.9	19.6	18.2	18.8	24.5	20.6	22.4
7	10.7	10.3	10.6	11.7	9.7	10.7	18.6	17.1	17.9	---	---	---
8	11.2	9.5	10.3	12.3	10.5	11.4	18.3	16.8	17.5	---	---	---
9	11.1	9.3	10.2	14.0	12.0	12.9	19.4	17.4	18.3	---	---	---
10	11.9	10.5	11.1	15.5	13.7	14.4	18.8	18.4	18.6	---	---	---
11	12.3	11.1	11.6	15.0	13.6	14.3	19.8	18.2	18.9	---	---	---
12	12.0	10.6	11.2	14.7	13.9	14.3	20.3	19.3	19.7	---	---	---
13	11.3	10.8	11.1	15.3	14.3	14.8	20.5	19.4	19.9	---	---	---
14	11.7	10.4	11.0	16.4	14.2	15.2	21.6	19.7	20.5	27.6	24.2	25.7
15	11.0	10.2	10.6	17.4	15.2	16.2	22.3	20.5	21.2	26.8	22.8	24.5
16	11.5	10.1	10.7	18.4	16.3	17.3	23.0	20.9	21.8	26.8	22.4	24.3
17	11.6	10.3	10.9	19.6	17.6	18.5	23.8	21.8	22.6	27.1	23.0	24.8
18	11.1	9.7	10.4	20.9	19.0	19.9	24.2	22.5	23.2	25.6	22.9	24.7
19	10.9	9.4	10.2	20.9	19.7	20.3	24.8	23.0	23.8	22.9	20.6	21.7
20	11.8	10.5	11.1	21.4	19.9	20.6	25.4	23.6	24.4	23.4	18.6	20.7
21	12.9	11.6	12.2	21.0	19.1	20.2	25.8	24.0	24.8	23.7	18.8	20.9
22	12.6	11.9	12.3	19.1	17.5	18.4	25.9	24.2	25.0	23.2	18.6	20.8
23	12.4	12.0	12.3	17.9	15.9	16.8	25.0	23.5	24.3	24.2	19.3	21.5
24	12.9	11.3	12.0	17.7	15.4	16.5	24.3	22.7	23.5	25.2	20.1	22.4
25	---	---	---	18.2	16.1	17.0	24.6	22.9	23.6	26.0	21.7	23.7
26	---	---	---	18.8	16.7	17.7	24.1	22.3	23.3	26.8	22.9	24.5
27	---	---	---	19.8	17.8	18.6	23.2	21.9	22.5	26.6	22.9	24.6
28	---	---	---	19.5	17.8	18.6	23.7	21.5	22.4	26.1	23.6	24.7
29	---	---	---	19.8	17.6	18.6	25.0	22.6	23.6	26.0	23.6	24.7
30	---	---	---	20.0	18.7	19.2	23.9	22.2	22.7	26.2	24.6	25.2
31	---	---	---	21.0	19.2	19.9	---	---	---	29.0	24.6	26.4
MONTH	---	---	---	---	---	---	25.9	16.8	21.5	---	---	---





EDISTO RIVER BASIN

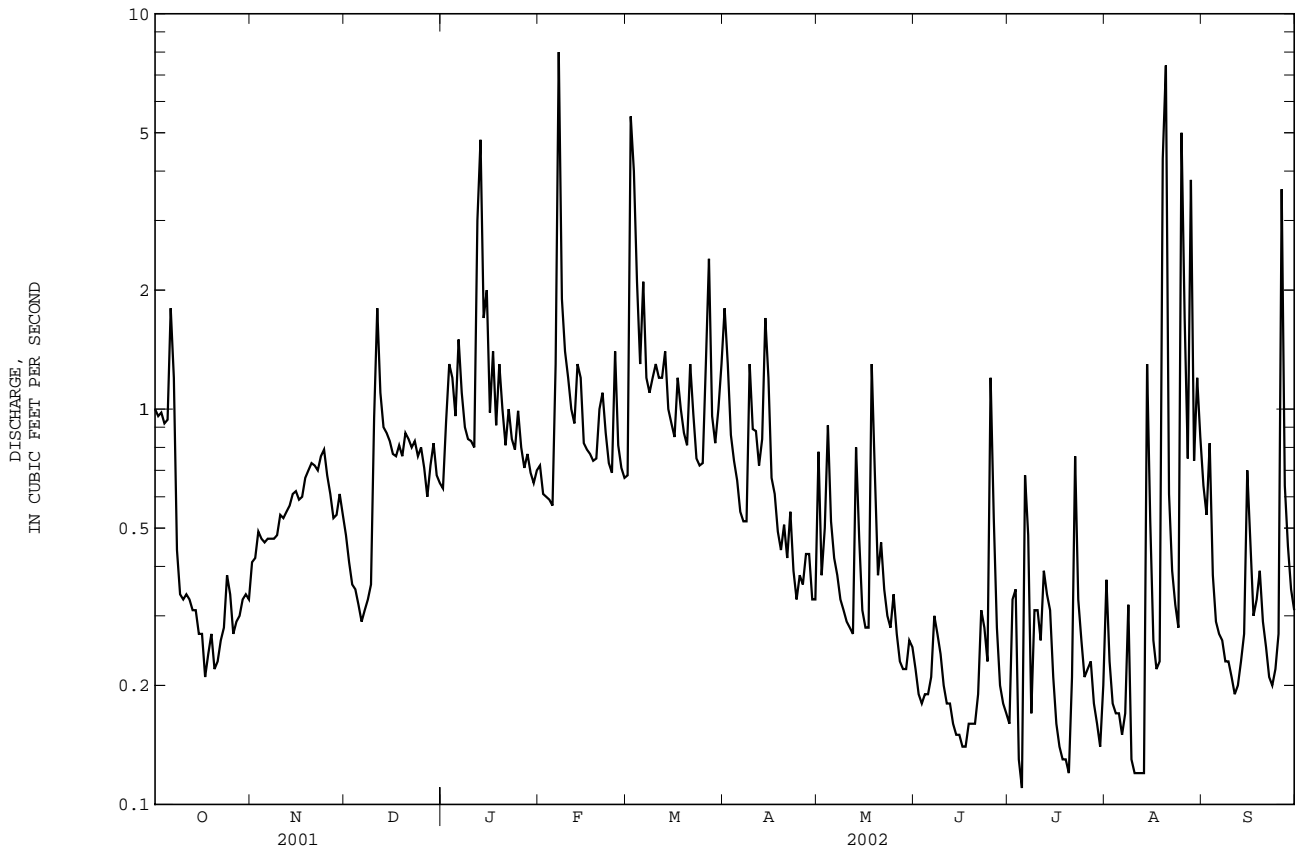
02175445 SAVANNAH CREEK AT EHRHARDT, SC--Continued

SUMMARY STATISTICS

FOR 2002 WATER YEAR

WATER YEARS 2001 - 2002

ANNUAL TOTAL	263.01		
ANNUAL MEAN	0.72		0.72
HIGHEST ANNUAL MEAN			0.72 2002
LOWEST ANNUAL MEAN			0.72 2002
HIGHEST DAILY MEAN	8.0	Feb 7	21 Jul 28 2001
LOWEST DAILY MEAN	0.11	Jul 5	0.11 Jul 5 2002
ANNUAL SEVEN-DAY MINIMUM	0.15	Jun 13	0.15 Jun 13 2002
MAXIMUM PEAK FLOW	31	Aug 19	Unknown Jul 27 2001
MAXIMUM PEAK STAGE	2.45	Aug 19	2.76 Jul 27 2001
ANNUAL RUNOFF (CFSM)	0.33		0.33
ANNUAL RUNOFF (INCHES)	4.45		4.45
10 PERCENT EXCEEDS	1.3		1.3
50 PERCENT EXCEEDS	0.52		0.52
90 PERCENT EXCEEDS	0.19		0.19

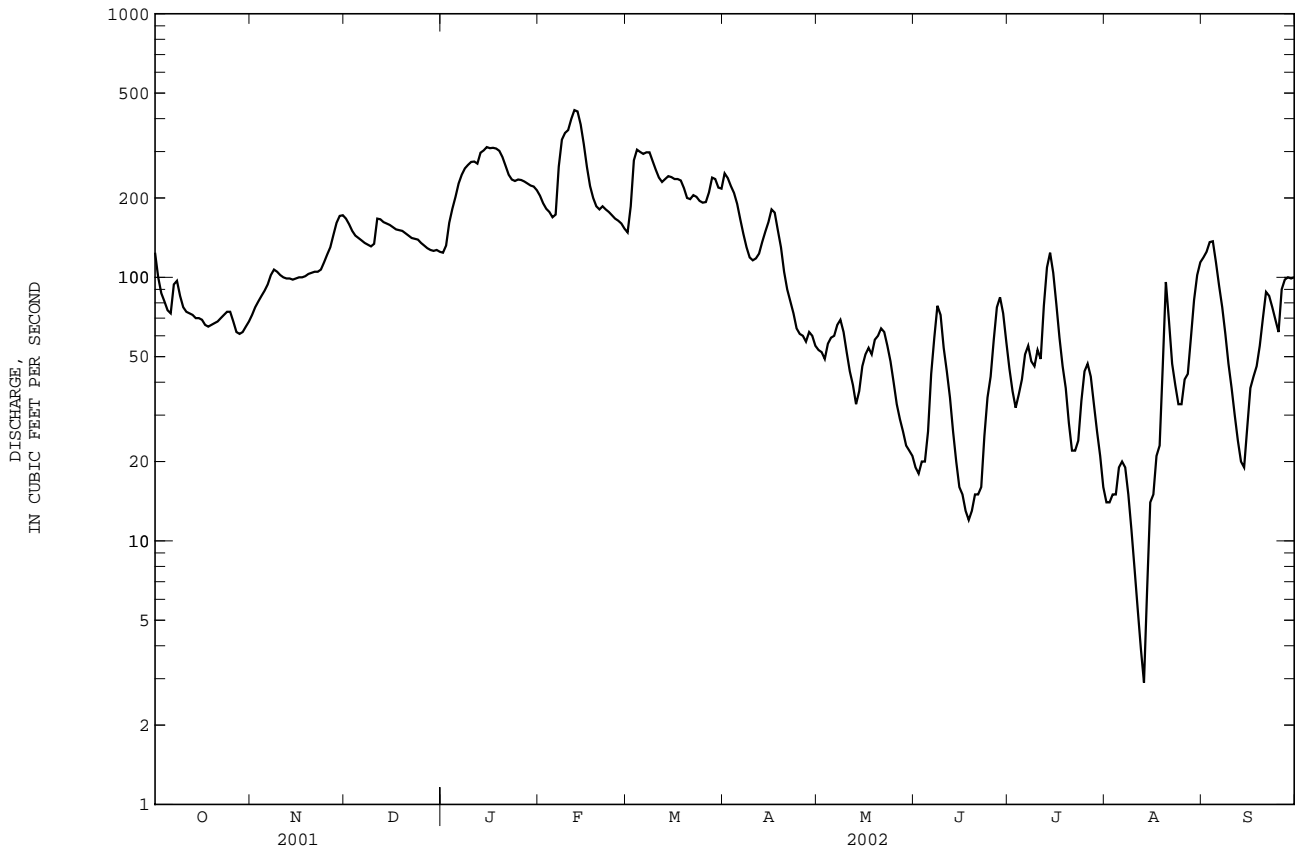




COMBAHEE RIVER BASIN

02175500 SALKEHATCHIE RIVER NEAR MILEY, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1951 - 2002	
ANNUAL TOTAL	68303		42849.6		339	
ANNUAL MEAN	187		117		628	
HIGHEST ANNUAL MEAN					1960	
LOWEST ANNUAL MEAN					2002	
HIGHEST DAILY MEAN	645	Jul 5	431	Feb 12	3390	Oct 10 1992
LOWEST DAILY MEAN	31	May 20	2.9	Aug 13	2.9	Aug 13 2002
ANNUAL SEVEN-DAY MINIMUM	39	May 18	7.4	Aug 9	7.4	Aug 9 2002
MAXIMUM PEAK FLOW			440	Feb 12	4360	Oct 9 1992
MAXIMUM PEAK STAGE			3.41	Feb 12	5.79	Oct 9 1992
ANNUAL RUNOFF (CFSM)	0.55		0.34		0.99	
ANNUAL RUNOFF (INCHES)	7.45		4.67		13.49	
10 PERCENT EXCEEDS	353		241		652	
50 PERCENT EXCEEDS	150		96		260	
90 PERCENT EXCEEDS	63		22		92	





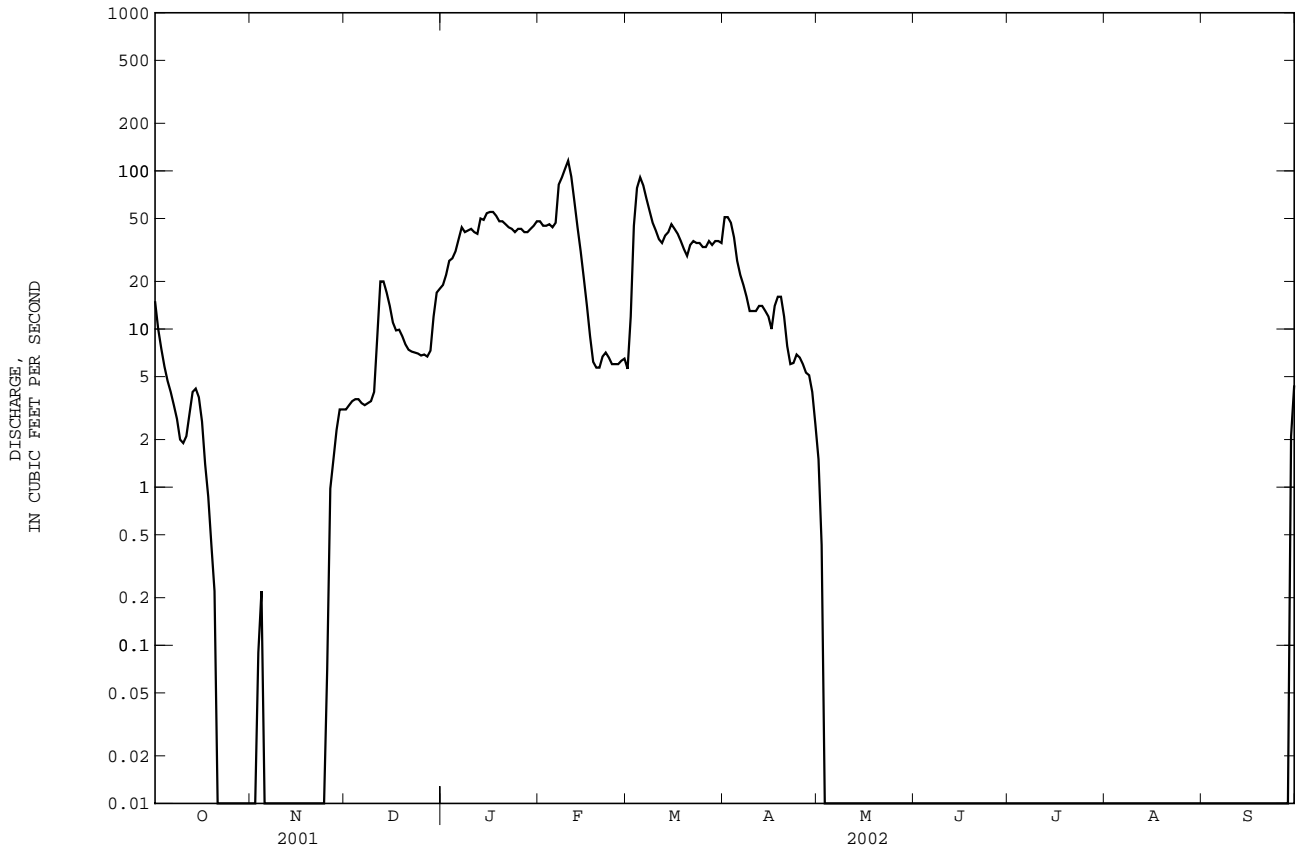


BROAD RIVER BASIN

02176500 COOSAWHATCHIE RIVER NEAR HAMPTON, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR	FOR 2002 WATER YEAR	WATER YEARS 1951 - 2002	
ANNUAL TOTAL	19374.68	4452.51	175	
ANNUAL MEAN	53.1	12.2	395	1991
HIGHEST ANNUAL MEAN			12.2	2002
LOWEST ANNUAL MEAN			6590	Sep 2 1969
HIGHEST DAILY MEAN	677 Mar 17	116 Feb 10	0.00	d Aug 31 1951
LOWEST DAILY MEAN	0.00 a May 11	0.00 b Oct 21	0.00	Jun 29 1954
ANNUAL SEVEN-DAY MINIMUM	0.00 May 11	0.00 Oct 21	8160	Sep 2 1969
MAXIMUM PEAK FLOW		121 Feb 10	e 8.39	Sep 2 1969
MAXIMUM PEAK STAGE		3.22 c Mar 4	0.86	
ANNUAL RUNOFF (CFSM)	0.26	0.060	11.74	
ANNUAL RUNOFF (INCHES)	3.55	0.82	470	
10 PERCENT EXCEEDS	128	44	69	
50 PERCENT EXCEEDS	12	0.07	2.5	
90 PERCENT EXCEEDS	0.00	0.00		

- a Also occurred many days May, June, July, October and November.
- b Also occurred many days, many months.
- c Also occurred Mar. 5
- d Also occurred many days, many years.
- e From floodmarks.



02176575 OKATEE RIVER NEAR BLUFFTON, SC

LOCATION.--Lat 32°17'22'', long 80°55'47'', Beaufort County, Hydrologic Unit 03050208, on right bank about 100 ft upstream of U.S.Hwy 278 and about 6.0 mi west of Bluffton.

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--July 2001 to September 2002.

GAGE.--Data Collection Platform and acoustic velocity meter. Datum of gage is 3.17 ft below NGVD of 1929.

REMARKS.--Records fair except Dec. 8, 2001 to May 29, 2002, and July 25 to Sep. 13, 2002, which are good, and Oct. 22 to Dec. 7, 2001, June 25 to July 24, 2002, and Sep. 14-25, 2002, which are poor. This site is strongly affected by astronomical tides.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 346 ft<sup>3</sup>/s, July 23; minimum discharge,, -340 ft<sup>3</sup>/s, July 21, 2001.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 306 ft<sup>3</sup>/s, Aug. 9; minimum discharge, -289 ft<sup>3</sup>/s, Apr. 26.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	---	---	---	---	---	---	---	---	211	-198	132	-135
2	---	---	---	---	---	---	---	---	169	-142	143	-201
3	---	---	---	---	---	---	---	---	137	-133	234	-220
4	---	---	---	---	---	---	---	---	143	-178	173	-130
5	---	---	---	---	---	---	---	---	104	-148	138	-130
6	---	---	---	---	---	---	---	---	131	-88	123	-191
7	---	---	---	---	---	---	---	---	185	-104	182	-138
8	---	---	---	---	---	---	---	---	84	-81	166	-138
9	---	---	---	---	---	---	---	---	120	-125	175	-96
10	---	---	---	---	---	---	---	---	76	-62	148	-116
11	---	---	---	---	---	---	---	---	95	-81	121	-162
12	---	---	---	---	---	---	---	---	62	-83	170	-236
13	---	---	---	---	---	---	---	---	78	-92	242	-208
14	---	---	---	---	---	---	---	---	171	-157	254	-292
15	---	---	---	---	---	---	---	---	146	-196	254	-262
16	---	---	---	---	---	---	---	---	245	-214	270	-330
17	---	---	---	---	---	---	---	---	245	-287	275	-336
18	---	---	---	---	---	---	---	---	291	-216	288	-286
19	---	---	---	---	---	---	---	---	232	-209	261	-267
20	---	---	---	---	---	---	300	-281	215	-215	261	-285
21	---	---	---	---	---	---	283	-340	253	-280	205	-187
22	---	---	---	---	---	---	338	-299	206	-189	207	-193
23	---	---	---	---	---	---	346	-247	201	-189	229	-156
24	---	---	---	---	---	---	241	-193	136	-128	108	-181
25	---	---	---	---	---	---	243	-255	162	-117	101	-81
26	---	---	---	---	---	---	176	-175	244	-178	118	-61
27	---	---	---	---	---	---	146	-117	223	-130	93	-58
28	---	---	---	---	---	---	136	-147	115	-103	116	-142
29	---	---	---	---	---	---	148	-163	74	-114	167	-137
30	---	---	---	---	---	---	145	-115	104	-168	160	-208
31	---	---	---	---	---	---	256	-153	118	-185	---	---
MONTH	---	---	---	---	---	---	---	---	291	-287	288	-336

## BROAD RIVER BASIN

02176575 OKATEE RIVER NEAR BLUFFTON, SC--Continued

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	217	-158	226	-242	125	-175	153	-138	187	-168	189	-228
2	195	-199	174	-118	131	-172	195	-226	140	-149	219	-210
3	198	-211	192	-163	134	-157	187	-196	139	-131	171	-144
4	200	-181	165	-149	143	-187	143	-104	117	-88	130	-85
5	196	-169	199	-94	155	-244	107	-108	80	-49	63	-48
6	153	-202	169	-185	179	-141	124	-115	112	-96	81	-51
7	179	-101	154	-98	153	-139	48	-42	140	-136	71	-51
8	180	-158	122	-134	153	-153	53	-68	69	-59	68	-59
9	155	-240	119	-82	128	-127	71	-32	122	-109	78	-81
10	193	-177	112	-143	188	-201	64	-47	152	-140	65	-60
11	162	-238	141	-155	184	-163	---	---	67	-69	91	-95
12	195	-179	191	-148	195	-215	---	---	114	-101	139	-126
13	229	-244	234	-197	204	-202	87	-68	97	-87	122	-106
14	242	-217	189	-183	184	-185	104	-82	92	-104	78	-71
15	233	-240	221	-268	157	-152	56	-53	107	-73	81	-85
16	229	-287	194	-198	189	-153	62	-63	94	-57	81	-64
17	233	-274	181	-146	153	-154	69	-55	64	-43	74	-76
18	237	-276	181	-144	78	-63	48	-33	52	-43	85	-68
19	235	-183	106	-151	101	-87	58	-59	53	-47	67	-69
20	178	-204	124	-151	56	-41	62	-36	59	-51	91	-81
21	223	-165	129	-177	51	-45	50	-44	57	-37	57	-46
22	163	-105	109	-119	58	-59	62	-53	54	-51	119	-84
23	126	-149	137	-77	96	-65	---	---	90	-89	86	-80
24	78	-120	114	-30	57	-42	---	---	153	-157	120	-125
25	123	-99	87	-80	39	-85	70	-65	188	-192	146	-156
26	60	-77	62	-88	95	-107	149	-153	209	-242	196	-183
27	120	-89	115	-64	112	-82	180	-177	117	-114	190	-209
28	169	-118	104	-92	120	-88	174	-191	190	-197	261	-260
29	127	-149	158	-87	160	-155	183	-198	---	---	254	-287
30	133	-135	101	-143	166	-166	181	-186	---	---	274	-259
31	191	-195	---	---	173	-169	209	-224	---	---	254	-218
MONTH	242	-287	234	-268	204	-244	---	---	209	-242	274	-287
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	222	-174	154	-183	82	-79	98	-84	139	-95	133	-95
2	221	-210	86	-94	50	-70	64	-117	208	-155	174	-111
3	168	-159	53	-48	121	-110	111	-91	157	-155	201	-169
4	77	-56	56	-56	90	-97	115	-99	193	-215	219	-180
5	109	-104	88	-49	85	-124	121	-93	241	-188	216	-196
6	116	-102	77	-70	148	-99	75	-151	262	-199	264	-248
7	103	-82	73	-52	127	-68	154	-117	232	-222	251	-247
8	104	-95	57	-57	182	-190	101	-96	306	-245	271	-263
9	53	-68	82	-92	253	-105	224	-82	306	-286	252	-261
10	66	-82	84	-97	199	-171	77	-221	258	-275	209	-202
11	127	-129	143	-156	172	-187	135	-113	229	-253	184	-187
12	125	-129	170	-140	165	-170	154	-123	241	-176	166	-197
13	152	-141	116	-110	216	-122	178	-152	266	-188	153	-157
14	129	-140	126	-159	142	-110	166	-131	202	-115	158	-66
15	112	-104	141	-138	141	-150	160	-131	167	-189	100	-88
16	118	-117	136	-99	194	-91	100	-192	91	-185	86	-97
17	99	-79	111	-93	117	-137	146	-107	123	-201	128	-108
18	106	-71	59	-86	127	-132	102	-122	142	-201	142	-173
19	74	-96	110	-100	268	-146	92	-139	191	-161	250	-93
20	64	-54	127	-154	205	-154	82	-117	149	-129	234	-121
21	102	-87	173	-152	183	-155	215	-205	131	-168	298	-131
22	96	-87	199	-233	174	-147	83	-127	190	-146	275	-114
23	176	-174	238	-244	185	-205	144	-101	130	-181	198	-130
24	200	-213	233	-257	162	-131	143	-152	123	-141	181	-93
25	212	-223	225	-227	189	-123	191	-126	123	-183	149	-142
26	280	-289	213	-263	166	-95	163	-142	141	-119	132	-142
27	241	-274	213	-226	150	-94	133	-157	97	-93	130	-55
28	256	-209	208	-147	166	-79	69	-93	96	-94	134	-89
29	211	-201	229	-199	170	-84	77	-53	83	-78	141	-85
30	195	-183	217	-113	73	-101	86	-47	142	-65	172	-137
31	---	---	179	-113	---	---	131	-56	134	-91	---	---
MONTH	280	-289	238	-263	268	-205	224	-221	306	-286	298	-263

02176576 MAYLIND CREEK NEAR CHELSEA, SC

LOCATION.--Lat 32°19'54'', long 80°55'13'', Beaufort County, Hydrologic Unit 03050208, on left bank about 40 ft downstream of bridge on Heffalump Rd, about 1.8 mi south of Chelsea.

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--July 2001 to September 2002.

GAGE.--Data Collection Platform and acoustic velocity meter. Datum of gage is 3.02 ft below NGVD of 1929.

REMARKS.--Records fair except Aug. 16 to Sep. 30, 2002, which are good, and July 26 to Aug. 15, 2001 and June 16-24, 2002, which are poor. This site is strongly affected by astronomical tides.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 271 ft<sup>3</sup>/s, June 23, 2001; minimum discharge,, -231 ft<sup>3</sup>/s, Nov. 13, 2001.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 271 ft<sup>3</sup>/s, June 23; minimum discharge, -231 ft<sup>3</sup>/s, Nov. 13.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	---	---	---	---	---	---	---	---	178	-140	118	-122
2	---	---	---	---	---	---	---	---	60	-167	125	-135
3	---	---	---	---	---	---	---	---	193	-98	127	-127
4	---	---	---	---	---	---	---	---	114	-145	92	-133
5	---	---	---	---	---	---	---	---	130	-132	175	-97
6	---	---	---	---	---	---	---	---	170	-117	175	-125
7	---	---	---	---	---	---	---	---	170	-67	146	-152
8	---	---	---	---	---	---	---	---	119	-87	108	-136
9	---	---	---	---	---	---	---	---	102	-109	127	-133
10	---	---	---	---	---	---	---	---	74	-114	107	-115
11	---	---	---	---	---	---	---	---	56	-79	127	-101
12	---	---	---	---	---	---	---	---	44	-109	153	-137
13	---	---	---	---	---	---	---	---	72	-117	213	-179
14	---	---	---	---	---	---	---	---	137	-103	228	-141
15	---	---	---	---	---	---	---	---	70	-204	249	-172
16	---	---	---	---	---	---	---	---	230	-160	245	-196
17	---	---	---	---	---	---	---	---	262	-192	224	-212
18	---	---	---	---	---	---	---	---	259	-143	259	-180
19	---	---	---	---	---	---	---	---	193	-179	233	-154
20	---	---	---	---	---	---	---	---	251	-151	181	-198
21	---	---	---	---	---	---	---	---	251	-167	128	-163
22	---	---	---	---	---	---	---	---	216	-189	187	-148
23	---	---	---	---	---	---	---	---	182	-176	204	-137
24	---	---	---	---	---	---	---	---	146	-142	113	-166
25	---	---	---	---	---	---	---	---	98	-148	141	-126
26	---	---	---	---	---	---	---	---	119	-134	132	-124
27	---	---	---	---	---	---	153	-108	156	-153	78	-121
28	---	---	---	---	---	---	72	-143	110	-117	104	-59
29	---	---	---	---	---	---	144	-166	82	-122	140	-137
30	---	---	---	---	---	---	183	-87	139	-123	101	-164
31	---	---	---	---	---	---	80	-220	131	-122	---	---
MONTH	---	---	---	---	---	---	---	---	262	-204	259	-212



02176585 BRICKYARD CREEK NEAR BEAUFORT, SC

LOCATION.--Lat 32°28'26'', long 80°41'34'', Beaufort County, Hydrologic Unit 03050208, on wood piling of channel marker #221 near main channel of Brickyard Creek (Intracoastal Waterway) near Beaufort Marine Corps Air Station. approximately 1.25 mi north of the confluence of Brickyard Creek and Albergetti Creek.

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--May 2001 to September 2002.

GAGE.--Data Collection Platform and acoustic velocity meter. Elevation of gage is 5.0 ft below NGVD of 1929 (from topographic map).

REMARKS.--Records fair. This site is strongly affected by astronomical tides.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 17,700 ft<sup>3</sup>/s, July 23, 2001; minimum discharge,, -34,700 ft<sup>3</sup>/s, Aug. 18, 2001.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 17,400 ft<sup>3</sup>/s, Sep. 12; minimum discharge, -25,900 ft<sup>3</sup>/s, July 10.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	---	---	---	---	14000	-20000	14000	-19100	15400	-17200	14000	-17000
2	---	---	---	---	14100	-19600	14600	-20000	15100	-17000	14000	-18200
3	---	---	---	---	14400	-20000	14600	-20600	14600	-19200	15200	-21100
4	---	---	---	---	14000	-18700	14500	-20800	14300	-18000	15500	-17700
5	---	---	---	---	14500	-20500	13900	-19200	14200	-16700	13700	-14300
6	---	---	---	---	14100	-19900	14000	-16500	13800	-17900	15000	-12300
7	---	---	---	---	15100	-17900	14900	-16600	13500	-17700	15000	-15200
8	---	---	---	---	14300	-20300	14600	-18100	13400	-17700	15400	-15100
9	---	---	16000	-23000	13700	-16800	12900	-15400	12900	-15000	13600	-15100
10	---	---	14700	-17500	13300	-17500	12900	-16200	11700	-17200	13800	-14700
11	---	---	13500	-19500	13500	-15500	12600	-15600	10600	-16400	14200	-12400
12	---	---	13000	-15700	13200	-18200	13400	-15700	11700	-15000	14400	-14500
13	---	---	12900	-12200	11300	-17300	15700	-14600	11000	-17200	15500	-16900
14	---	---	12200	-12200	11100	-17300	13500	-14600	13600	-16200	16800	-19600
15	---	---	11400	-15400	12200	-19500	13500	-12900	15500	-19000	16800	-16800
16	---	---	12800	-10000	12400	-14600	13900	-13500	16000	-19600	16700	-27600
17	---	---	13800	-12500	14300	-15300	15200	-17800	15900	-26200	16900	-27700
18	---	---	11800	-18600	15400	-14900	15200	-22900	15900	-34700	16500	-25300
19	---	---	12700	-23700	16300	-14800	15200	-26200	16700	-30600	16000	-22400
20	---	---	13300	-20300	16300	-22900	16100	-24600	16000	-27700	15300	-21000
21	---	---	13800	-22400	16100	-24300	16600	-25300	16100	-23800	15700	-21500
22	---	---	13700	-21200	16500	-25800	17500	-27400	16200	-23400	15200	-20600
23	---	---	15000	-19700	16000	-24800	17700	-27300	15200	-19600	14600	-18000
24	---	---	14700	-23900	16400	-22700	16100	-28900	14600	-17700	14000	-21500
25	---	---	15000	-22300	16300	-22700	15700	-23300	15100	-15700	12500	-14000
26	---	---	14800	-19400	16000	-20400	14400	-20600	14600	-17000	12100	-14200
27	---	---	14500	-20900	15400	-19900	13500	-16700	13900	-21200	12300	-14400
28	---	---	14400	-19900	16300	-18500	14700	-15700	12600	-17400	13600	-13100
29	---	---	14200	-20500	14600	-17000	13000	-19700	12600	-18300	13400	-14200
30	---	---	13800	-16100	14600	-18400	15400	-16000	13600	-16900	13900	-18500
31	---	---	14100	-17800	---	---	15400	-13500	13300	-16500	---	---
MONTH	---	---	---	---	16500	-25800	17700	-28900	16700	-34700	16900	-27700

## BROAD RIVER BASIN

02176585 BRICKYARD CREEK NEAR BEAUFORT, SC--Continued

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

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
1	14800	-19400	14000	-15400	14200	-18100	15000	-17300	15000	-19200	15400	-16900				
2	14500	-20500	14400	-16500	14800	-17800	15400	-14200	14500	-15200	16600	-16600				
3	14700	-20900	14400	-16100	14800	-16400	15700	-20700	15100	-15700	15000	-17500				
4	14100	-18500	14000	-15800	14800	-18800	13400	-15000	14200	-18100	13700	-17200				
5	14300	-16600	13900	-13000	15500	-19000	13600	-15200	14100	-11300	12500	-10900				
6	13000	-19500	14100	-17000	14200	-17500	13000	-15200	13600	-12800	13000	-10800				
7	14200	-11200	12900	-17300	13300	-16800	11700	-14600	15500	-17100	12300	-10600				
8	15500	-13200	13200	-17000	14400	-16700	10600	-11300	12100	-12700	12700	-11700				
9	15000	-15500	13300	-15000	14100	-14500	11200	-11900	13600	-13800	13500	-11300				
10	14900	-15200	14100	-18500	15300	-12100	12400	-12800	14800	-16900	13200	-10800				
11	14800	-16800	13900	-19400	15000	-17800	12900	-14400	13400	-16000	13900	-13100				
12	14400	-19100	15300	-15100	14900	-19400	13500	-13200	14700	-13000	14600	-15700				
13	15700	-21100	16000	-20000	15300	-21600	13200	-14200	14100	-14000	14300	-16300				
14	15200	-23300	15900	-20700	15000	-19300	13400	-12600	14100	-14000	13800	-13000				
15	15800	-23200	16000	-19300	14300	-15600	13800	-13300	14300	-13100	13800	-14600				
16	16000	-23700	16300	-19100	15300	-14900	12800	-11600	13300	-13100	12900	-14600				
17	15600	-21500	15300	-18600	13700	-17600	11800	-11400	12200	-12200	12900	-13300				
18	16000	-19200	14600	-15600	13200	-16600	10600	-11500	12400	-8300	13600	-13300				
19	15900	-22200	13600	-15500	12600	-15400	9970	-15700	13000	-9280	13700	-12000				
20	14400	-19100	12700	-14400	11600	-9920	11100	-8030	12500	-15300	13100	-14500				
21	14700	-16500	13300	-12500	12000	-10800	10900	-10100	12800	-12300	13100	-13500				
22	14300	-15900	12100	-10500	12500	-8440	11800	-9480	12500	-10600	13900	-12400				
23	13100	-12800	11800	-9300	11400	-10400	11700	-10800	13600	-12900	13800	-12900				
24	11100	-15300	11100	-10100	10900	-11200	12400	-11900	14700	-14500	13200	-16900				
25	10800	-13000	12100	-10900	11000	-9320	13000	-11700	15400	-19100	---	---				
26	9930	-15600	11300	-11200	12600	-15000	14000	-15900	16300	-23600	---	---				
27	13000	-11000	12100	-13700	12200	-14500	14800	-19400	15400	-22500	---	---				
28	12900	-11200	13000	-17100	13200	-17200	15000	-19900	15800	-19500	---	---				
29	13500	-15600	13600	-17400	13800	-18900	15100	-18600	---	---	17000	-25100				
30	13100	-16200	13900	-19200	14400	-14900	14800	-17400	---	---	16000	-24100				
31	13600	-16200	---	---	14800	-16500	14400	-17400	---	---	15000	-23900				
MONTH	16000	-23700	16300	-20700	15500	-21600	15700	-20700	16300	-23600	---	---				

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
1	14600	-23900	15700	-17400	13600	-16600	13100	-11600	12600	-15800	14500	-12900				
2	16000	-20500	13900	-15500	13100	-17000	12100	-13900	14600	-15300	15400	-16700				
3	14700	-18200	12400	-13800	14500	-12200	11100	-12700	14800	-11600	15500	-20100				
4	13600	-13100	13600	-8540	13600	-14500	12400	-15600	13700	-18100	16600	-21800				
5	14200	-11500	13800	-10700	12700	-18100	12900	-20800	15400	-20200	16400	-23700				
6	14700	-13600	13300	-10100	12900	-17700	14200	-22900	16000	-23900	16800	-23200				
7	14300	-10300	12100	-15500	15700	-14900	15900	-14000	16200	-24800	17100	-24400				
8	13300	-14700	12100	-16500	15400	-18800	14700	-21100	16600	-24800	17000	-25500				
9	13600	-13100	13800	-17000	15000	-22100	15400	-22600	16800	-23600	16800	-23000				
10	14400	-11900	13600	-17400	15900	-22200	15200	-25900	17000	-24100	16300	-22000				
11	14000	-15100	13600	-14400	16100	-21400	15100	-17400	16800	-23500	15800	-23000				
12	14800	-15200	15200	-20200	15900	-21600	16500	-24400	16100	-23500	17400	-18900				
13	15300	-13600	14500	-20600	15600	-22700	16000	-21100	15600	-22200	14300	-18600				
14	15300	-16900	14900	-17500	15400	-23200	15800	-21300	14700	-21100	14500	-18500				
15	15300	-16400	15400	-17000	15300	-25800	14800	-22700	14800	-17600	14100	-15300				
16	14900	-14100	14700	-17000	15400	-22400	14500	-19800	13800	-16900	13700	-17400				
17	14600	-16300	14100	-18700	15300	-20600	14600	-18300	13200	-20100	15000	-16500				
18	13900	-14400	14000	-18600	14800	-19300	14300	-20200	13100	-17400	15200	-19400				
19	14300	-10200	13900	-11400	15800	-18000	14200	-22200	14100	-21100	15200	-18600				
20	14000	-11800	15100	-15800	16000	-18100	16800	-24900	14100	-18000	15800	-19000				
21	14800	-15700	15400	-17500	16100	-21000	15800	-20600	14100	-18100	16000	-20500				
22	14700	-18200	16300	-18600	16900	-23800	15800	-24400	14800	-19500	15400	-20200				
23	15400	-18500	15900	-23000	17300	-21900	16000	-23300	14700	-19000	15000	-17800				
24	15400	-20600	16700	-23800	16500	-22700	14600	-19700	14100	-19700	14900	-13600				
25	15600	-23000	16100	-21800	15900	-22700	13800	-20300	14200	-17900	15800	-15600				
26	15900	-22400	16100	-22600	15700	-19700	14700	-14300	14700	-16000	14900	-19100				
27	17300	-24100	16600	-20400	14000	-19300	13900	-16400	13200	-16100	13200	-20500				
28	16200	-22400	16500	-20400	13700	-19300	12900	-16800	14200	-13900	14300	-17400				
29	15800	-19600	16400	-19300	12200	-14600	11400	-15000	13700	-12200	14300	-13400				
30	15500	-19600	16100	-19800	12700	-12100	12600	-12300	14100	-16200	15400	-14200				
31	---	---	15400	-17600	---	---	12500	-14000	15000	-12800	---	---				
MONTH	17300	-24100	16700	-23800	17300	-25800	16800	-25900	17000	-24800	17400	-25500				

02176585 BRICKYARD CREEK NEAR BEAUFORT, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--November 1998 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: November 1998 to current year.

WATER TEMPERATURE: November 1998 to current year.

DISSOLVED OXYGEN: November 1998 to current year.

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

REMARKS.--Specific conductance records rated excellent except Jan. 3 to Jan. 9, July 1, and Aug. 10 to Aug. 13, which are good. Temperature records rated excellent. Dissolved oxygen records rated poor except Oct. 1 to Oct. 31, Jan. 9 to Jan. 23, Mar. 1 to Mar. 25, May 21 to June 4, and Sep. 11 to Sep. 30, which are fair. Dissolved oxygen concentrations are not corrected for salinity.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 55,300 microsiemens, June 4-7, 2002; minimum, 23,800 microsiemens Jun. 29, 1999.

WATER TEMPERATURE: Maximum, 35.5°C, Aug. 1, 1999; minimum, 4.0°C, Dec. 31, 2000, Jan. 1-4, 2001.

DISSOLVED OXYGEN: Maximum, 13.7 mg/L, Jan. 3, 2001; minimum, 3.0 mg/L, Jul. 30, Sep. 22, 2000.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 55,300 microsiemens, June 4-7; minimum, 46,000 microsiemens Sep. 16.

WATER TEMPERATURE: Maximum, 33.1°C, July 29; minimum, 6.2°C, Jan. 4.

DISSOLVED OXYGEN: Maximum, 12.3 mg/L, Jan. 8; minimum, 3.1 mg/L, July 9.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	50800	50000	50400	53100	52600	52800	53900	53600	53800	52900	52400	52600
2	50900	50100	50400	52800	52400	52600	53800	53600	53700	52800	52200	52500
3	50900	50200	50500	52800	52200	52400	54000	53700	53800	52700	52400	52500
4	51000	50400	50700	52600	52100	52300	54100	53800	53900	52700	52300	52500
5	51100	50500	50800	52700	52300	52500	53900	53700	53800	52700	52300	52400
6	51200	50700	50900	52900	52400	52800	53900	53600	53700	52400	50800	51900
7	51000	50500	50800	53000	52300	52800	53700	53500	53600	52000	51000	51700
8	51000	50300	50700	53000	52700	52900	53600	53400	53500	52200	51800	52000
9	51000	50400	50700	53000	52800	52900	53500	53300	53400	52200	51500	51800
10	51200	50500	50800	53000	52700	52900	53600	52800	53300	51800	51300	51600
11	51200	50800	51000	53000	52600	52900	53200	52800	53000	51700	51300	51600
12	51400	50800	51000	53000	52800	52900	53100	52800	52900	51700	51000	51500
13	51500	50700	51200	53200	52700	53100	52900	52600	52700	51200	50000	50600
14	51500	50800	51300	53300	53000	53200	52700	52300	52500	51300	50500	50800
15	51400	50600	50900	53300	53000	53200	52500	52200	52400	51000	50200	50600
16	51500	50600	50900	53400	53000	53300	52600	52400	52500	51000	50500	50700
17	51700	50700	51300	53500	53100	53300	52600	52400	52500	51000	50600	50800
18	51900	51300	51600	53500	53200	53400	52500	52300	52400	51000	50700	50800
19	52000	51300	51600	53500	53200	53400	52500	52300	52400	51100	50700	50900
20	51900	51100	51500	53500	53200	53400	52600	52300	52500	51000	50800	50900
21	51800	51100	51400	53600	53200	53500	52800	52400	52600	51100	50800	50900
22	51600	51000	51200	53800	53600	53700	52800	52500	52700	51100	50800	51000
23	51500	50900	51100	53800	53700	53800	52800	52400	52600	51200	50800	51000
24	51300	50600	51100	53800	53600	53700	52700	52400	52500	51200	50700	50900
25	51300	50800	51100	53700	53500	53600	52800	52500	52700	51100	50400	50700
26	52200	51100	51700	53700	53400	53600	53000	52500	52800	51100	50500	50800
27	52600	51800	52300	53800	53500	53600	53100	52600	52900	51200	50800	50900
28	52900	52200	52500	54100	53600	53800	53200	52600	52900	51200	50600	50900
29	53000	52100	52500	54100	53800	53900	53000	52500	52700	51100	50600	50900
30	53100	51900	52700	54000	53700	53900	52800	52500	52600	51100	50500	50800
31	53100	52200	52800	---	---	---	52800	52400	52600	51000	50500	50700
MONTH	53100	50000	51300	54100	52100	53200	54100	52200	53000	52900	50000	51300



## BROAD RIVER BASIN

02176585 BRICKYARD CREEK NEAR BEAUFORT, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	50900	50300	50600	52600	52000	52400	50800	48700	49700	53300	52900	53100
2	50900	50600	50700	52600	51100	52100	50600	49400	49900	53200	52800	53000
3	51200	50800	51000	51900	50300	51100	50500	49500	50000	53200	52800	53000
4	51600	51000	51300	51500	50700	51200	50600	49500	50100	53100	52800	53000
5	52000	51300	51800	51900	51300	51600	50800	50000	50400	53400	53000	53200
6	52100	51600	51900	51900	51400	51700	51100	50100	50600	53400	53000	53300
7	51600	50400	51000	51900	51500	51600	51200	50400	50800	53400	53000	53200
8	51200	50100	50700	51900	51300	51600	51500	50500	51000	53400	52800	53200
9	51300	50700	50900	51700	51000	51400	51500	50700	51200	53500	53000	53200
10	51200	50400	50700	51600	51000	51300	51400	50500	51100	53600	53100	53400
11	50900	50300	50500	51800	51300	51600	51300	50400	50800	53600	53100	53400
12	51200	50600	50900	51900	50800	51600	51400	50300	50800	53600	53100	53400
13	51400	51000	51200	51700	50500	51100	51300	50400	50800	53700	53200	53500
14	51400	51200	51300	51500	50400	51100	51300	50400	50800	54000	53200	53700
15	51500	51200	51400	51400	50100	50800	51900	50500	51100	54200	53300	53900
16	51500	51100	51300	51300	50200	50900	52000	51000	51600	54400	53600	54000
17	51500	51100	51400	51300	49900	50800	51900	51200	51600	54300	53300	53800
18	51800	51500	51600	51200	49600	50500	51800	51300	51600	54000	52900	53500
19	51800	51600	51700	51000	49300	50300	51900	51600	51700	54100	52900	53700
20	51700	51400	51600	50900	49100	50600	52000	51700	51900	54600	53300	53800
21	51500	50700	51000	51000	49600	50500	52000	51800	51900	54700	53500	54100
22	51200	50800	51000	51000	50100	50600	52300	51800	52000	54900	54200	54600
23	51300	51000	51200	51200	49700	50500	52600	52100	52300	55000	54400	54700
24	51500	51200	51400	51400	50200	50900	52600	52100	52400	54900	54200	54600
25	51600	51200	51400	---	---	---	52800	52200	52400	54800	54200	54500
26	51600	51200	51400	---	---	---	52800	52200	52500	54600	54100	54400
27	52000	51200	51700	---	---	---	52800	52300	52600	54700	54100	54400
28	52400	51800	52200	---	---	---	52700	52100	52400	54700	54100	54400
29	---	---	---	50900	50000	50500	52700	51800	52300	54800	54100	54600
30	---	---	---	50900	50000	50600	53300	51800	52800	54800	54300	54600
31	---	---	---	50900	49800	50500	---	---	---	54800	54400	54600
MONTH	52400	50100	51200	---	---	---	53300	48700	51400	55000	52800	53800
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	54800	54400	54600	51000	49900	50500	51000	50300	50600	48300	46400	47300
2	55000	54400	54700	50900	49000	50100	51200	50600	50900	48200	46800	47700
3	54900	54400	54700	51300	49900	50900	51600	50900	51200	48000	47100	47700
4	55300	54600	55000	51400	50600	51000	51600	50800	51400	48100	47400	47800
5	55300	54700	55100	51400	50600	51100	51100	50800	51000	48100	47500	47800
6	55300	54600	55100	51500	50800	51300	51400	50900	51100	48200	47700	47900
7	55300	54100	55000	51700	51300	51500	51600	51000	51300	48300	47800	48100
8	54700	54000	54300	52000	51400	51800	51800	51400	51600	48600	48100	48400
9	54700	54400	54500	51900	51200	51700	52100	51600	51900	48500	48200	48400
10	54800	54300	54600	52000	51400	51800	52200	51700	52000	48800	48000	48600
11	54800	53800	54200	52200	50800	51700	52200	51600	51900	49100	48600	49000
12	54200	53700	54000	51500	50000	51000	52200	51200	51900	49400	48900	49200
13	54300	53300	53900	50900	49000	49900	52300	50400	51600	49600	49100	49400
14	54100	53100	53800	50900	49600	50100	52300	52000	52100	49600	49100	49400
15	54300	53200	54000	50800	49700	50400	52400	52100	52200	49200	46600	48400
16	54600	53100	54200	50900	49900	50500	52400	51500	52100	47500	46000	46700
17	54500	53400	54100	50900	50200	50500	52300	51500	52100	47600	46200	47000
18	54600	53700	54200	50800	50200	50500	---	---	---	47700	47000	47300
19	54900	54200	54400	50900	50600	50800	---	---	---	47500	46900	47200
20	54900	53700	54500	51000	49600	50800	52500	51700	52200	47600	47200	47400
21	54100	52600	53300	50100	48100	49100	52500	52000	52200	47700	47400	47600
22	53300	49900	52100	50000	47600	49000	52600	52200	52400	47800	47500	47600
23	51600	50000	50900	50000	47000	48100	52700	52300	52500	47800	47500	47600
24	51700	50200	51000	49400	47500	48400	52900	52500	52700	47900	47000	47700
25	51300	48300	50000	49500	48200	48700	53100	50100	52500	48000	47500	47800
26	50600	48500	49300	49600	48600	49000	52700	50200	51900	47700	46200	47000
27	50400	48800	49500	49600	49000	49300	52700	51200	52200	47500	46100	46700
28	50400	48600	49700	49700	49400	49500	52600	50100	51800	47400	46300	46800
29	50800	50000	50300	49900	49500	49700	52000	49600	50600	47400	46600	46900
30	50800	48900	50300	50000	49400	49900	50200	46500	48200	47400	46800	47000
31	---	---	---	50500	49900	50200	48800	46100	47100	---	---	---
MONTH	55300	48300	53200	52200	47000	50300	---	---	---	49600	46000	47800

02176585 BRICKYARD CREEK NEAR BEAUFORT, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	22.6	20.8	21.8	18.8	17.0	17.8	20.9	19.9	20.4	11.4	9.9	10.8
2	23.1	21.2	22.0	20.2	18.4	19.1	20.6	19.8	20.2	11.2	8.4	9.6
3	23.5	21.6	22.5	21.2	19.3	20.1	20.1	18.8	19.2	9.2	7.0	7.9
4	24.2	22.1	23.1	21.3	20.0	20.6	19.1	17.5	18.4	8.2	6.2	7.4
5	24.4	22.9	23.7	21.0	18.9	19.8	19.3	17.9	18.7	8.4	6.4	7.6
6	24.5	23.4	24.0	19.5	17.2	18.3	19.6	18.3	19.0	9.9	7.7	8.7
7	24.1	22.1	22.9	18.5	16.8	17.8	19.9	18.8	19.3	9.3	7.9	8.6
8	22.9	20.7	21.6	18.5	16.9	17.8	20.0	18.8	19.5	8.3	7.0	7.9
9	21.5	19.6	20.6	18.4	17.3	17.9	20.3	19.5	19.9	8.4	7.1	7.8
10	21.2	19.9	20.6	18.4	17.0	17.9	19.8	17.9	18.9	9.8	7.8	8.6
11	22.0	20.3	21.0	18.7	17.3	18.0	18.3	17.2	17.7	10.8	9.0	9.7
12	22.2	21.1	21.7	18.2	17.1	17.8	17.7	16.9	17.3	10.6	9.7	10.2
13	22.9	21.8	22.2	17.4	16.2	16.8	18.3	17.3	17.8	11.1	10.0	10.4
14	23.5	22.2	22.7	16.7	16.1	16.4	19.4	18.0	18.5	10.4	9.8	10.2
15	23.2	22.1	22.6	16.8	15.9	16.3	19.8	18.8	19.2	11.5	9.9	10.5
16	23.6	21.7	22.6	17.1	15.5	16.4	19.1	17.7	18.4	11.3	9.8	10.7
17	22.1	20.1	21.1	17.3	15.9	16.6	19.0	17.6	18.3	12.1	10.4	11.1
18	21.2	18.9	20.1	17.5	16.2	16.9	19.0	17.7	18.5	12.3	10.7	11.5
19	20.9	18.7	20.0	18.1	16.4	17.3	18.6	17.3	17.9	14.0	11.6	12.5
20	22.2	19.9	21.0	18.4	17.0	17.8	17.9	16.0	16.8	13.5	12.7	13.1
21	22.7	20.9	21.8	18.0	16.2	17.1	16.9	14.9	15.7	13.5	12.5	12.9
22	23.7	21.9	22.7	17.2	15.7	16.6	15.9	14.0	14.8	13.3	12.0	12.7
23	24.5	22.6	23.5	17.0	16.2	16.8	15.3	13.9	14.8	14.7	12.6	13.4
24	24.9	23.4	24.1	18.4	17.0	17.6	15.4	14.1	15.1	15.7	13.5	14.5
25	25.1	23.8	24.4	19.1	18.1	18.6	14.8	12.9	13.7	15.5	14.2	14.9
26	23.8	20.4	22.0	19.7	18.5	19.1	13.7	10.8	12.4	14.7	13.6	14.0
27	20.5	18.1	19.3	20.2	18.9	19.5	12.2	10.0	11.0	14.4	13.4	13.8
28	18.1	15.9	17.0	20.3	19.0	19.7	11.7	9.9	10.9	15.5	13.6	14.4
29	17.0	15.5	16.3	20.9	19.3	19.9	12.6	10.5	11.6	16.4	14.1	15.1
30	17.1	15.5	16.4	20.7	19.6	20.1	12.1	11.1	11.7	17.4	14.8	16.0
31	17.6	15.8	16.8	---	---	---	11.8	10.7	11.3	18.5	15.7	17.0
MONTH	25.1	15.5	21.4	21.3	15.5	18.1	20.9	9.9	16.7	18.5	6.2	11.4
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	19.4	16.7	18.0	12.5	10.5	11.7	23.2	21.5	22.1	25.7	23.2	24.2
2	18.8	17.2	17.9	13.5	11.5	12.3	24.1	21.4	22.4	27.1	24.0	25.1
3	17.9	15.9	16.4	15.0	12.9	13.8	24.5	22.2	23.2	27.1	25.1	25.8
4	16.1	12.9	14.9	14.3	11.5	12.6	24.2	22.2	23.0	26.7	25.4	26.0
5	13.9	11.5	12.5	12.3	9.9	11.2	22.4	20.2	21.4	26.3	24.1	25.1
6	12.7	11.0	11.7	13.1	10.5	11.8	21.3	19.7	20.6	25.3	23.6	24.7
7	12.5	11.5	12.1	14.0	11.8	12.9	20.3	18.6	19.7	26.0	24.7	25.3
8	12.6	10.9	11.8	15.5	13.2	14.1	20.6	19.0	19.7	26.8	25.2	25.9
9	13.1	11.7	12.3	16.8	14.4	15.6	21.7	19.7	20.5	27.4	25.5	26.3
10	14.3	12.6	13.4	17.6	15.5	16.6	21.1	20.7	20.9	28.1	25.9	26.8
11	14.7	13.4	14.0	16.5	15.2	15.8	21.3	20.4	20.8	28.6	26.6	27.4
12	14.8	13.1	13.9	16.3	15.1	15.6	22.1	20.4	21.1	29.0	27.0	27.8
13	14.0	13.1	13.5	17.4	15.7	16.4	22.5	21.1	21.7	28.7	26.8	27.6
14	14.0	12.7	13.3	18.6	16.0	17.0	24.0	21.5	22.5	27.7	25.3	26.7
15	13.6	12.5	13.2	19.6	16.9	18.1	25.0	22.4	23.5	26.8	25.0	25.9
16	14.7	12.8	13.7	20.7	17.9	19.2	26.3	23.2	24.5	27.1	24.8	25.9
17	14.8	12.7	13.7	21.5	18.8	20.2	27.5	24.0	25.4	27.1	25.2	25.9
18	14.0	12.0	13.1	22.2	19.7	21.0	28.2	24.9	26.0	26.3	24.9	25.7
19	14.2	11.9	13.1	22.3	20.5	21.5	27.7	25.4	26.2	25.3	21.0	22.8
20	15.4	13.2	14.2	23.5	21.1	22.1	27.4	25.2	26.1	22.4	19.8	21.1
21	16.2	14.6	15.4	22.9	21.1	21.7	27.3	25.7	26.5	22.5	20.4	21.5
22	16.0	14.9	15.3	21.4	19.3	20.0	27.0	25.6	26.3	21.7	20.4	21.2
23	15.4	14.0	14.7	19.6	17.7	18.9	25.7	24.0	25.1	22.3	20.6	21.4
24	14.3	13.1	13.8	19.7	17.7	18.8	26.0	24.4	25.0	24.0	21.5	22.5
25	14.9	13.3	13.9	---	---	---	26.2	24.2	24.9	25.3	22.6	23.7
26	15.7	13.8	14.6	---	---	---	25.5	24.2	24.7	26.1	23.6	24.6
27	15.0	12.6	13.6	---	---	---	24.5	23.7	24.1	26.6	24.0	25.2
28	12.8	10.7	11.8	21.6	20.2	20.8	26.1	23.5	24.6	26.9	24.8	25.8
29	---	---	---	22.0	19.9	20.7	26.7	24.3	25.3	27.4	24.9	26.0
30	---	---	---	22.8	20.5	21.4	25.1	23.7	24.2	27.6	25.7	26.5
31	---	---	---	23.0	21.2	22.0	---	---	---	28.9	26.3	27.4
MONTH	19.4	10.7	13.9	---	---	---	28.2	18.6	23.4	29.0	19.8	25.1

## BROAD RIVER BASIN

02176585 BRICKYARD CREEK NEAR BEAUFORT, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	29.4	27.3	28.2	30.9	28.6	29.5	32.0	30.4	31.0	27.5	26.3	26.9
2	29.8	27.7	28.6	31.4	29.3	30.1	30.8	29.5	30.2	27.2	26.3	26.9
3	30.2	28.7	29.4	31.1	29.4	30.2	30.0	28.7	29.6	27.8	26.5	27.1
4	30.2	29.0	29.6	31.3	29.3	30.3	29.7	28.7	29.3	28.4	27.2	27.8
5	30.0	28.9	29.5	31.4	29.9	30.6	29.7	28.4	29.1	29.5	27.9	28.5
6	29.7	28.8	29.3	30.9	29.8	30.4	31.0	29.2	30.0	29.9	28.5	29.0
7	30.0	28.8	29.2	30.7	29.6	30.1	30.6	29.2	29.8	29.6	27.9	28.7
8	29.0	27.9	28.4	29.9	29.3	29.6	29.4	28.2	28.8	29.3	27.5	28.5
9	28.2	26.8	27.5	30.9	29.2	29.8	29.2	27.6	28.4	29.0	27.3	28.3
10	28.6	26.7	27.6	31.3	29.1	30.1	29.1	27.2	28.2	29.2	26.9	28.1
11	29.1	27.0	28.0	31.1	29.0	30.1	29.8	27.3	28.6	29.5	27.1	28.3
12	30.4	27.8	28.8	30.0	28.9	29.4	30.4	27.7	29.0	29.5	28.0	28.7
13	30.9	28.6	29.5	30.3	27.8	29.2	29.9	28.2	28.8	29.0	27.9	28.5
14	30.7	28.8	29.6	31.0	28.5	29.7	29.4	28.0	28.7	28.8	27.6	28.3
15	30.5	28.2	29.2	31.7	29.2	30.2	30.3	28.2	29.1	28.4	27.6	28.0
16	29.9	27.9	28.8	32.2	30.2	31.0	30.9	29.1	29.9	28.3	27.1	27.7
17	29.3	28.0	28.6	32.8	30.8	31.6	31.1	29.6	30.3	28.9	27.8	28.3
18	28.8	27.5	28.2	32.4	31.2	31.9	30.9	29.8	30.4	29.0	28.3	28.6
19	28.3	26.9	27.7	32.6	30.9	31.8	30.7	29.6	30.1	29.1	28.2	28.5
20	27.9	26.9	27.5	32.8	30.8	31.8	30.5	29.5	30.0	28.5	28.0	28.2
21	27.1	25.8	26.5	31.4	29.9	30.6	31.4	29.6	30.3	29.1	27.4	28.1
22	26.1	25.0	25.6	30.9	29.9	30.4	31.4	29.8	30.4	29.4	27.7	28.5
23	26.9	25.1	25.8	30.3	29.4	29.7	31.8	29.7	30.6	29.4	28.1	28.8
24	27.6	26.1	26.7	29.9	28.5	29.2	31.9	29.7	30.7	28.9	28.0	28.3
25	27.3	26.5	26.7	30.9	28.4	29.5	31.7	30.1	30.8	28.2	26.9	27.1
26	28.4	26.4	27.1	31.7	29.2	30.3	30.9	29.5	30.3	27.7	26.5	27.1
27	29.2	26.8	27.8	32.0	29.6	30.7	30.2	28.8	29.4	28.9	26.7	27.8
28	29.9	27.5	28.5	32.6	30.0	31.1	29.3	28.3	28.9	29.0	27.5	28.3
29	29.8	28.1	28.8	33.1	30.4	31.4	29.2	28.1	28.6	28.8	27.6	28.1
30	30.5	28.2	28.9	32.9	30.6	31.6	28.7	27.4	27.9	27.8	26.6	27.3
31	---	---	---	32.5	30.7	31.5	27.6	26.8	27.2	---	---	---
MONTH	30.9	25.0	28.2	33.1	27.8	30.4	32.0	26.8	29.5	29.9	26.3	28.1

## 02176585 BRICKYARD CREEK NEAR BEAUFORT, SC--Continued

## OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.6	6.2	6.8	8.2	7.2	7.6	8.2	7.1	7.7	11.0	9.4	10.1
2	8.2	6.1	7.0	8.2	7.0	7.6	8.8	7.1	7.7	10.6	9.8	10.2
3	8.3	6.3	7.1	8.1	6.7	7.4	9.0	7.5	8.1	11.3	10.0	10.5
4	8.3	6.3	7.2	8.0	6.8	7.3	9.3	7.9	8.4	11.8	10.3	10.9
5	8.2	6.4	7.2	8.1	6.9	7.4	9.3	7.8	8.4	12.0	10.7	11.3
6	7.8	6.4	7.0	8.5	7.0	7.6	9.1	8.0	8.5	11.8	10.7	11.2
7	8.5	6.5	7.3	8.3	7.4	7.8	8.7	7.7	8.3	11.9	10.4	11.2
8	8.6	6.9	7.5	8.3	7.4	7.9	8.5	7.4	7.9	12.3	10.6	11.5
9	8.5	7.2	7.9	8.2	7.4	7.8	8.1	7.0	7.5	12.1	10.5	11.3
10	8.1	7.2	7.6	8.2	7.3	7.7	8.1	7.1	7.5	11.8	10.3	11.0
11	7.7	6.6	7.2	8.1	7.1	7.5	8.3	7.2	7.7	11.8	10.3	11.0
12	7.3	6.2	6.8	8.0	7.0	7.5	8.1	7.2	7.6	12.0	10.4	11.0
13	6.9	6.0	6.5	8.6	7.6	8.1	8.2	7.0	7.4	11.8	10.4	10.9
14	7.1	6.0	6.6	8.7	7.8	8.2	8.1	6.8	7.4	11.2	10.5	10.8
15	7.4	5.8	6.5	8.9	7.9	8.3	8.6	7.1	7.7	11.5	10.2	10.9
16	7.3	6.0	6.6	9.3	8.1	8.6	9.4	7.5	8.2	11.8	10.5	11.1
17	8.1	6.4	7.0	9.6	8.4	8.9	9.6	7.9	8.6	11.8	10.6	11.3
18	8.3	6.7	7.4	9.8	8.5	9.1	10.0	8.3	8.9	11.7	10.6	11.3
19	8.5	6.9	7.6	9.9	8.8	9.3	10.1	8.4	9.0	11.5	10.2	10.9
20	8.5	7.1	7.6	10.1	8.8	9.4	10.5	8.7	9.5	10.6	9.6	10.2
21	8.1	6.9	7.4	9.9	9.0	9.4	10.4	9.0	9.5	10.7	9.4	10.2
22	7.8	6.7	7.2	9.9	8.9	9.4	10.0	8.9	9.4	10.6	9.5	10.1
23	7.4	6.3	6.9	9.9	8.9	9.3	10.0	8.6	9.3	10.4	9.3	9.9
24	7.1	6.0	6.6	9.5	8.3	8.9	9.8	8.6	9.1	10.0	8.6	9.5
25	7.1	5.8	6.5	9.4	8.1	8.7	9.5	8.5	9.1	9.8	8.6	9.1
26	7.6	6.3	7.1	9.2	7.9	8.5	9.7	8.3	9.1	9.6	8.4	9.0
27	7.9	6.6	7.3	9.0	7.7	8.3	10.0	8.0	9.1	9.5	8.3	9.0
28	8.5	7.1	7.8	8.5	7.4	8.0	10.1	8.2	9.2	9.7	8.3	9.0
29	8.6	7.3	8.0	8.5	7.2	7.8	10.2	8.0	9.3	9.6	8.3	9.0
30	8.6	7.4	7.9	8.4	7.3	7.8	10.5	8.4	9.5	9.6	8.2	9.0
31	8.5	7.3	7.8	---	---	---	10.6	8.3	9.7	9.4	7.9	8.8
MONTH	8.6	5.8	7.2	10.1	6.7	8.2	10.6	6.8	8.5	12.3	7.9	10.4
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	9.2	8.0	8.7	10.5	9.5	10.0	8.4	6.7	7.4	7.9	6.1	6.9
2	9.2	8.1	8.6	9.6	7.9	8.9	8.1	5.8	6.9	8.2	6.5	7.3
3	9.3	8.2	8.8	8.8	7.4	8.2	8.2	6.1	7.1	7.8	6.5	7.3
4	9.7	8.5	9.1	9.5	7.5	8.5	7.6	5.8	6.9	7.2	5.8	6.6
5	10.1	8.8	9.6	9.7	8.1	8.9	8.0	6.1	7.1	7.2	6.1	6.7
6	10.1	9.3	9.7	9.8	8.2	9.1	8.2	6.4	7.4	7.6	6.4	7.0
7	10.0	9.0	9.5	9.8	8.1	9.0	8.6	6.7	7.6	7.8	6.4	7.0
8	10.3	9.1	9.7	9.5	7.6	8.7	8.8	6.7	7.8	7.9	6.4	7.0
9	10.5	9.4	9.9	9.3	7.5	8.5	8.8	6.6	7.6	7.8	6.3	6.9
10	10.5	9.4	9.8	9.0	7.2	8.2	7.6	5.8	6.7	7.9	6.3	6.9
11	10.6	9.1	9.8	9.0	7.4	8.3	7.5	5.3	6.4	7.7	5.9	6.7
12	10.1	9.3	9.7	8.8	6.9	8.1	7.5	5.4	6.5	7.4	5.7	6.5
13	10.1	9.0	9.4	8.4	6.9	7.7	8.0	5.4	6.8	7.3	4.7	5.8
14	9.8	8.8	9.4	8.7	6.7	7.7	8.2	5.7	6.9	7.0	5.1	6.0
15	9.8	9.0	9.4	8.4	6.3	7.5	8.4	5.9	7.2	7.9	5.6	6.7
16	9.9	8.8	9.4	8.6	6.5	7.6	8.6	6.0	7.3	7.5	5.9	6.8
17	10.0	8.9	9.5	8.3	6.2	7.3	8.7	6.7	7.6	7.2	5.8	6.5
18	10.1	9.2	9.7	8.0	6.1	7.1	8.4	6.6	7.6	6.8	5.5	6.3
19	10.2	9.3	9.8	7.7	6.0	6.8	8.2	6.5	7.6	7.5	5.8	6.7
20	10.1	8.9	9.6	7.6	5.8	6.9	7.8	6.5	7.4	8.0	6.5	7.4
21	9.6	8.5	9.2	7.4	5.3	6.3	7.6	6.2	7.1	8.2	6.9	7.6
22	9.5	8.6	9.1	7.7	5.8	6.6	7.5	6.4	6.9	8.3	7.0	7.8
23	9.3	8.5	9.0	8.1	6.8	7.5	7.5	6.4	6.8	8.5	7.3	8.0
24	9.8	8.5	9.3	8.2	6.8	7.6	7.3	6.3	6.7	8.4	7.4	7.8
25	9.9	8.9	9.4	---	---	---	7.2	6.1	6.6	8.1	6.8	7.4
26	9.9	8.8	9.4	---	---	---	6.8	5.3	5.9	7.8	6.5	7.1
27	10.4	9.1	9.7	---	---	---	6.7	5.0	5.6	7.7	6.3	7.0
28	10.7	9.5	10.1	---	---	---	7.2	5.0	6.1	7.9	6.1	6.9
29	---	---	---	8.6	6.5	7.5	7.5	5.7	6.5	7.7	6.0	6.8
30	---	---	---	8.9	6.5	7.7	7.3	6.0	6.5	7.5	5.7	6.6
31	---	---	---	8.6	6.8	7.6	---	---	---	7.6	6.0	6.6
MONTH	10.7	8.0	9.4	---	---	---	8.8	5.0	7.0	8.5	4.7	6.9

## BROAD RIVER BASIN

02176585 BRICKYARD CREEK NEAR BEAUFORT, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	7.4	5.8	6.6	7.7	5.4	6.4	7.0	5.6	6.1	6.2	5.2	5.5
2	7.0	5.7	6.4	8.1	5.7	6.7	6.4	5.1	5.7	6.2	5.3	5.7
3	6.8	5.2	6.0	7.9	5.9	7.0	6.6	5.2	5.9	6.1	5.1	5.7
4	6.6	4.7	5.7	7.4	5.7	6.7	6.3	5.4	5.9	6.1	5.3	5.6
5	6.3	4.9	5.8	7.2	5.6	6.2	6.0	5.0	5.5	6.0	4.9	5.3
6	6.5	5.3	5.8	6.2	5.0	5.6	6.0	4.9	5.3	6.0	4.6	5.2
7	6.3	5.2	5.8	5.4	4.3	4.9	6.0	4.3	5.0	6.8	4.9	5.7
8	7.0	5.1	6.0	5.3	4.2	4.8	6.3	4.3	5.2	7.4	5.3	6.0
9	7.1	5.6	6.2	6.2	3.1	4.7	6.5	4.6	5.4	7.6	5.5	6.2
10	6.8	5.3	6.1	7.0	4.4	5.6	7.0	4.6	5.4	8.2	5.8	6.6
11	7.2	5.4	6.2	6.6	4.7	5.6	7.2	4.9	5.7	8.0	5.8	6.7
12	7.1	4.7	5.8	5.9	4.3	5.0	7.4	4.9	5.7	7.6	6.1	6.7
13	6.9	4.6	5.7	6.1	4.1	4.9	6.9	4.8	5.5	7.2	5.8	6.6
14	6.4	4.4	5.4	6.4	4.2	5.2	6.3	4.8	5.4	6.9	5.6	6.3
15	6.3	4.3	5.2	6.6	4.5	5.3	6.3	4.4	5.3	6.4	5.5	6.0
16	5.9	4.6	5.3	7.0	4.7	5.5	6.1	4.5	5.3	6.1	5.2	5.6
17	5.4	4.1	4.8	7.0	4.8	5.7	5.5	4.3	4.9	5.9	4.9	5.3
18	5.2	3.7	4.6	6.4	4.6	5.6	---	---	---	5.6	4.5	5.0
19	5.0	3.5	4.2	6.1	4.4	5.2	---	---	---	5.4	4.1	4.7
20	4.9	3.8	4.4	6.5	4.2	5.2	---	---	---	5.5	4.2	4.8
21	5.2	3.8	4.6	6.1	4.7	5.3	---	---	---	6.3	4.3	5.1
22	5.6	4.1	4.9	5.5	4.1	4.9	6.2	4.4	5.0	6.7	4.6	5.5
23	6.0	4.1	5.0	5.5	3.7	4.6	6.8	4.4	5.3	6.7	4.9	5.6
24	5.9	4.2	4.9	5.2	3.8	4.6	7.0	4.8	5.6	6.8	5.1	5.9
25	5.6	4.0	4.8	5.9	3.9	4.7	6.5	4.7	5.3	6.4	5.4	5.9
26	6.1	4.0	5.0	6.5	4.2	5.1	5.7	4.1	4.8	6.7	5.5	6.0
27	6.8	4.7	5.6	7.3	4.6	5.7	5.1	4.1	4.6	7.7	5.9	6.6
28	7.4	5.2	6.0	7.5	5.1	6.0	5.6	4.4	4.9	7.7	6.0	6.7
29	7.5	5.4	6.3	7.6	5.4	6.1	5.9	4.1	5.0	7.0	5.8	6.2
30	7.5	5.4	6.3	7.3	5.0	6.2	5.4	4.7	5.1	6.1	5.2	5.7
31	---	---	---	7.5	5.7	6.4	5.7	4.7	5.1	---	---	---
MONTH	7.5	3.5	5.5	8.1	3.1	5.5	---	---	---	8.2	4.1	5.8

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, 3.36 ft, Dec. 2, 1998.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 15.28 ft, Aug. 7; minimum gage height, 3.41 ft, Jan. 30.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	13.81	6.42	10.42	13.61	5.51	9.85	13.54	4.79	9.50	13.42	3.96	9.03
2	13.89	6.34	10.42	13.51	5.45	9.75	13.63	4.86	9.47	13.76	4.35	9.24
3	13.71	6.10	10.38	13.46	5.28	9.62	13.93	5.22	9.68	13.92	4.05	9.31
4	13.42	6.17	10.10	13.34	5.56	9.72	13.91	5.35	9.71	12.93	4.67	8.84
5	13.31	5.89	9.88	---	---	---	13.70	5.34	9.59	12.86	4.99	9.12
6	13.12	5.92	9.72	---	---	---	13.34	5.26	9.34	12.79	3.68	8.74
7	13.24	6.12	9.95	---	---	---	13.09	5.24	9.32	11.64	3.81	8.05
8	13.44	6.64	10.19	13.23	5.84	9.46	13.29	5.50	9.61	11.68	4.25	8.43
9	13.49	7.22	10.35	13.22	5.75	9.47	12.97	5.14	9.61	12.28	3.90	8.56
10	13.59	6.83	10.18	13.45	5.41	9.81	13.87	5.26	10.42	12.07	3.90	8.37
11	13.63	6.32	10.13	13.45	4.91	9.83	13.71	5.18	9.77	12.27	3.77	8.31
12	---	---	---	14.04	4.90	10.32	13.70	4.79	9.74	12.72	3.72	8.80
13	---	---	---	14.43	5.56	10.41	14.02	4.75	9.75	12.21	4.17	8.58
14	---	---	---	14.37	5.17	10.12	13.72	4.76	9.48	12.69	4.23	8.82
15	---	---	---	14.71	5.08	10.28	13.22	4.58	9.19	12.19	4.37	8.65
16	---	---	---	14.44	5.35	10.10	13.56	5.32	9.59	12.25	4.84	8.73
17	14.53	4.38	10.15	13.91	5.28	9.79	13.38	5.58	9.64	12.09	4.72	8.74
18	14.41	5.36	10.27	13.63	5.62	9.72	12.13	4.68	8.83	11.49	4.81	8.57
19	14.40	6.03	10.35	13.33	5.80	9.64	12.84	5.88	9.39	12.00	5.67	8.90
20	13.81	5.95	10.06	12.95	5.97	9.51	12.21	5.76	8.93	11.56	5.27	8.46
21	13.66	6.16	9.99	13.26	7.26	10.03	12.06	6.23	9.27	11.64	5.78	8.92
22	13.36	6.70	10.14	12.76	6.73	9.85	12.27	6.69	9.54	11.75	5.89	8.96
23	13.23	7.20	10.26	12.49	6.71	9.69	12.27	6.85	9.69	12.17	5.84	9.04
24	12.99	7.13	10.23	12.15	6.33	9.57	12.02	5.50	9.02	12.34	5.12	8.91
25	12.34	6.41	9.76	12.35	5.80	9.49	12.03	5.75	9.50	12.28	4.89	8.86
26	11.81	5.97	9.38	12.37	5.40	9.44	12.86	4.27	9.35	13.20	5.22	9.55
27	12.61	6.16	9.76	12.61	5.43	9.52	12.56	4.27	9.03	13.47	4.36	9.25
28	12.88	6.38	10.13	12.97	5.17	9.53	12.91	4.58	9.42	13.45	3.59	8.94
29	13.10	6.26	10.09	13.25	5.04	9.60	13.32	4.50	9.34	13.33	3.45	8.81
30	13.19	6.03	10.03	13.47	4.99	9.55	13.33	3.84	9.14	13.39	3.41	8.76
31	13.30	5.85	9.92	---	---	---	13.54	4.28	9.20	13.49	3.50	8.85
MONTH	---	---	---	---	---	---	14.02	3.84	9.45	13.92	3.41	8.81

## BROAD RIVER BASIN

02176603 BEAUFORT RIVER AT BEAUFORT, SC--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	13.32	3.84	8.85	13.92	3.65	9.15	14.06	4.71	9.38	13.57	5.37	9.40
2	12.90	3.90	9.00	13.88	4.49	9.64	13.73	5.41	9.64	13.07	5.25	9.05
3	13.16	5.29	9.55	13.43	3.89	8.94	13.42	5.69	9.55	12.10	5.07	8.72
4	12.91	4.43	8.75	12.80	4.00	8.38	12.43	5.93	9.55	12.08	5.80	9.42
5	12.33	5.22	9.14	12.09	4.88	8.75	13.02	6.80	10.14	12.38	6.09	9.59
6	12.87	5.88	9.65	12.43	5.42	9.01	12.95	6.41	9.95	12.56	6.09	9.66
7	13.30	4.39	9.21	12.36	5.49	9.16	12.84	6.37	9.97	12.25	5.54	9.46
8	12.21	4.49	9.05	12.42	5.77	9.32	12.75	5.75	9.70	12.27	5.08	9.22
9	12.89	5.14	9.50	12.57	5.39	9.25	12.36	5.28	9.25	12.68	5.07	9.22
10	13.20	5.24	9.44	12.46	4.86	9.08	12.46	4.90	9.01	12.72	4.88	9.12
11	12.33	4.72	8.81	12.80	5.18	9.59	13.00	5.25	9.50	13.20	4.89	9.17
12	12.86	4.93	9.16	13.15	5.42	9.75	13.04	5.34	9.49	13.31	4.99	9.37
13	12.71	4.85	9.09	12.99	5.02	9.21	13.19	4.96	9.35	13.07	4.86	9.12
14	12.94	5.24	9.45	12.38	4.51	8.76	13.16	5.06	9.37	13.22	4.00	8.79
15	12.86	5.50	9.67	12.44	4.43	8.85	12.93	4.90	9.13	13.25	5.16	9.22
16	12.35	5.25	9.26	12.24	4.25	8.70	12.90	5.25	9.10	12.94	5.19	9.17
17	11.99	4.91	8.68	12.48	4.68	8.68	12.80	5.47	9.16	12.94	5.22	9.07
18	11.87	5.77	9.11	12.33	5.01	8.95	12.82	5.50	9.08	12.86	4.76	8.82
19	12.12	5.85	9.16	12.66	5.57	9.21	12.66	5.63	9.13	12.69	6.17	9.72
20	12.23	6.00	9.29	12.82	5.99	9.51	12.47	5.59	9.08	13.41	6.18	10.09
21	12.08	5.88	8.85	12.37	6.06	9.33	12.73	5.76	9.46	13.43	5.59	10.09
22	12.21	5.78	9.09	12.88	5.90	9.63	12.73	4.81	9.30	14.23	6.08	10.68
23	12.69	6.09	9.59	12.77	6.01	9.66	13.55	5.30	9.84	14.40	5.54	10.47
24	13.38	5.73	10.03	13.06	5.06	9.54	13.76	4.90	10.03	14.33	4.42	9.88
25	13.83	4.88	9.78	13.11	4.69	9.43	14.00	4.46	9.90	14.22	4.14	9.54
26	14.12	4.40	9.72	13.39	4.49	9.50	14.77	3.75	9.74	14.26	4.27	9.48
27	12.85	3.49	8.54	13.60	3.68	9.39	14.49	4.48	9.83	14.26	4.62	9.58
28	13.62	3.51	9.00	14.59	3.93	9.97	13.92	4.08	9.42	14.42	5.12	9.79
29	---	---	---	14.71	4.44	9.97	13.48	3.83	8.85	14.27	5.93	10.12
30	---	---	---	14.47	4.32	9.80	13.57	4.55	9.33	14.27	6.01	10.00
31	---	---	---	14.14	4.64	9.73	---	---	---	13.64	6.04	9.83
MONTH	14.12	3.49	9.23	14.71	3.65	9.29	14.77	3.75	9.47	14.42	4.00	9.51
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	12.97	5.90	9.67	12.20	5.60	9.27	12.87	6.43	9.84	12.97	6.86	10.02
2	12.67	5.93	9.67	12.20	5.81	9.37	13.45	6.60	10.25	13.63	6.81	10.34
3	12.80	6.15	9.98	12.17	5.81	9.32	13.48	6.70	10.33	14.06	6.65	10.64
4	12.97	6.77	10.21	12.55	5.66	9.39	13.51	6.41	10.22	13.97	5.84	10.30
5	12.98	6.25	10.00	12.78	5.60	9.46	14.05	6.10	10.37	14.04	4.74	9.83
6	12.98	5.83	9.87	13.35	5.89	9.73	14.43	6.11	10.60	14.68	4.64	9.91
7	13.23	5.55	9.76	13.78	5.95	10.00	15.28	6.55	11.02	14.58	5.02	10.11
8	14.06	6.62	10.53	13.47	5.15	9.62	15.17	6.02	10.81	14.30	4.73	10.03
9	14.30	6.42	10.39	13.47	4.69	9.35	15.06	5.50	10.56	14.22	4.86	9.98
10	14.14	5.90	10.18	13.51	4.09	8.99	14.66	5.09	10.30	14.23	5.25	10.07
11	14.05	5.30	9.85	13.62	3.84	8.84	14.25	4.93	10.00	14.04	5.24	9.94
12	14.00	5.23	9.72	14.44	5.00	9.71	14.07	5.09	9.77	13.98	5.61	10.10
13	13.94	5.31	9.64	14.02	5.15	9.79	13.80	5.06	9.73	13.51	6.23	10.01
14	13.86	5.39	9.63	13.94	4.53	9.23	13.57	5.21	9.79	13.16	6.21	9.80
15	13.86	5.39	9.56	13.36	4.35	9.16	13.29	5.27	9.63	12.80	6.05	9.64
16	13.78	5.70	9.89	13.10	4.90	9.44	13.07	5.41	9.49	12.57	5.63	9.43
17	13.68	5.76	9.99	13.23	5.07	9.56	13.10	5.05	9.38	13.00	5.70	9.61
18	13.45	5.59	9.92	13.54	5.26	9.76	13.00	4.88	9.32	13.30	6.01	9.94
19	13.74	5.34	9.98	13.55	4.86	9.62	13.36	4.99	9.42	13.67	5.89	10.09
20	13.91	5.20	10.02	13.70	4.63	9.48	13.29	5.35	9.54	13.67	6.04	10.09
21	14.27	5.32	10.14	13.91	4.64	9.56	13.39	5.06	9.46	13.62	6.12	10.12
22	14.27	5.43	10.31	13.80	5.07	9.65	13.48	5.27	9.57	13.60	6.15	10.20
23	13.98	4.58	9.62	13.51	4.82	9.36	13.10	5.36	9.48	13.29	5.99	10.08
24	13.87	4.54	9.43	13.13	4.65	9.20	13.00	4.99	9.35	13.32	5.83	10.07
25	13.71	4.52	9.30	13.32	4.74	9.10	12.89	5.39	9.47	13.62	6.73	10.39
26	13.29	4.72	9.17	12.91	4.85	9.09	12.82	5.65	9.77	13.49	6.77	10.36
27	12.83	4.68	8.88	12.61	5.27	9.16	12.59	5.71	9.58	13.00	6.96	10.14
28	12.54	4.52	8.63	12.35	5.07	9.08	12.59	6.19	9.61	13.02	6.57	9.85
29	12.19	4.82	8.67	12.12	5.03	8.99	12.49	6.07	9.60	13.25	6.74	10.16
30	12.10	5.03	8.93	12.00	5.13	8.99	12.50	6.10	9.79	13.71	7.28	10.58
31	---	---	---	12.32	5.43	9.29	12.83	6.57	9.81	---	---	---
MONTH	14.30	4.52	9.72	14.44	3.84	9.37	15.28	4.88	9.87	14.68	4.64	10.06

02176603 BEAUFORT RIVER AT BEAUFORT, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--October 1998 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1998 to current year.

WATER TEMPERATURE: October 1998 to current year.

DISSOLVED OXYGEN: October 1998 to current year.

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

REMARKS.--Specific conductance records rated excellent except Dec. 12 to Jan. 8, July 23 to Aug. 1, and Sep. 11 to Sep. 19, which are fair. Temperature records rated excellent. Dissolved oxygen records rated poor except Dec. 12 to Jan. 23, Feb. 28 to Mar. 26, May 21 to June 4, June 11 to July 1, July 17 to Aug. 7, Aug. 14 to Aug. 30, and Sep. 11 to Sep. 30, which are fair. Dissolved oxygen concentrations are not corrected for salinity.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 54,900 microsiemens, May 23, 2002; minimum, 35,700 microsiemens, Jun. 30, 1999.

WATER TEMPERATURE: Maximum, 34.5°C, Aug. 1, 1999; minimum, 5.0°C, Jan. 4, 5, 2001.

DISSOLVED OXYGEN: Maximum, 13.6 mg/L, Feb. 3, 4, 2000; minimum, 3.1 mg/L, Aug. 17, 2001.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 54,900 microsiemens, May 23; minimum, 45,900 microsiemens, Sep. 16.

WATER TEMPERATURE: Maximum, 32.5°C, July 17; minimum, 7.1°C, Jan. 4.

DISSOLVED OXYGEN: Maximum, 11.8 mg/L, Jan. 18; minimum, 3.5 mg/L, July 24.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	50900	50100	50400	52500	52300	52400	53700	53600	53700	---	---	---
2	51300	50300	50700	52500	52400	52500	53700	53600	53600	---	---	---
3	51300	50500	50900	52600	52500	52500	53700	53600	53600	---	---	---
4	51400	50600	50900	52600	52400	52500	53900	53600	53700	---	---	---
5	51300	50600	51000	52700	52400	52600	53800	53600	53700	---	---	---
6	51300	50700	51000	52800	52600	52700	53700	53400	53600	53000	52400	52800
7	51400	50800	51100	52800	52700	52800	53600	53400	53500	52800	52600	52700
8	51500	51100	51300	52900	52800	52800	53500	53200	53400	52900	52600	52800
9	51700	51300	51500	53000	52800	52900	53300	53000	53200	53000	52900	53000
10	51800	51300	51500	53000	52900	53000	53300	52900	53100	53000	52800	52900
11	51800	51300	51500	53100	53000	53100	53100	52800	53000	52900	52700	52800
12	51800	51300	51500	53200	53100	53200	53100	52800	53000	52800	52500	52700
13	51900	51300	51600	53400	53200	53300	53000	52700	52900	52500	51900	52300
14	51900	50800	51500	53600	53300	53400	52800	52500	52700	52400	51900	52200
15	51600	50600	51100	53600	53500	53600	52700	52400	52600	52300	51600	52000
16	51900	50700	51300	53700	53600	53700	52600	52500	52600	52200	51600	52000
17	52100	51300	51700	53800	53600	53700	52600	52100	52500	52100	51600	52000
18	52400	51600	52000	53800	53700	53700	52500	52300	52400	52100	51700	51900
19	52400	51600	52100	53800	53600	53800	---	---	---	52000	51600	51900
20	52400	51700	52000	53800	53700	53800	---	---	---	51900	51600	51800
21	52300	51700	52000	53900	53800	53900	---	---	---	51900	51600	51800
22	52200	51500	51900	54000	53900	54000	---	---	---	51900	51600	51800
23	52100	51600	51900	54000	54000	54000	---	---	---	---	---	---
24	52000	51600	51800	54100	53900	54000	---	---	---	---	---	---
25	52000	51500	51800	54000	53900	53900	---	---	---	---	---	---
26	52300	51800	52100	54000	53800	53900	---	---	---	---	---	---
27	52700	52100	52400	54000	53800	53900	---	---	---	---	---	---
28	52900	52400	52600	54000	53800	53900	53400	52900	53100	---	---	---
29	53000	52600	52700	54000	53800	53900	---	---	---	---	---	---
30	53000	52500	52700	53900	53700	53800	---	---	---	51500	50900	51300
31	52800	52300	52500	---	---	---	---	---	---	51400	50800	51200
MONTH	53000	50100	51600	54100	52300	53400	---	---	---	---	---	---



## BROAD RIVER BASIN

02176603 BEAUFORT RIVER AT BEAUFORT, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	51300	50800	51100	52600	52300	52400	51100	50000	50700	53400	52700	53000
2	51300	50900	51100	52600	51500	52200	51000	50000	50700	53200	52500	52900
3	51400	51200	51300	52100	50800	51600	51000	50200	50600	53100	52700	52800
4	51800	51400	51600	51800	51100	51600	50900	50400	50700	53000	52600	52800
5	52200	51700	51900	52000	51600	51900	51100	50600	50900	53300	52600	52900
6	52300	51900	52100	52000	51700	51900	51200	51000	51100	53400	52700	53100
7	52100	51200	51700	52000	51600	51800	51400	51100	51300	53600	52600	53100
8	51800	51200	51600	51900	51500	51800	51500	51200	51400	53400	52800	53000
9	51800	51300	51600	51800	51400	51600	51500	51200	51400	53500	52400	53100
10	51800	51100	51500	51700	51400	51600	51400	50800	51200	53500	53000	53200
11	51700	51000	51400	51800	51500	51700	51400	50600	51100	53500	52900	53100
12	52000	51100	51600	51800	51700	51800	51300	50700	51000	53500	52900	53100
13	52000	51500	51800	51700	51200	51600	51300	50700	51000	53500	53000	53200
14	52100	51700	51900	51700	51200	51500	51300	50500	51000	53700	52600	53200
15	52100	51800	52000	51600	51100	51400	51500	50700	51100	53900	53200	53500
16	52100	51700	51900	51500	51000	51300	51500	51000	51300	54100	53300	53700
17	52100	51800	52000	51400	51000	51200	51500	51100	51300	54200	53400	53700
18	52200	52000	52100	51300	50900	51200	51500	51300	51400	54000	53100	53500
19	52200	52100	52200	51200	50800	51000	51700	50900	51500	53700	53300	53500
20	52200	52000	52100	51100	50800	50900	51700	50900	51600	54000	53300	53800
21	52100	51600	51800	51000	50400	50800	51800	51400	51600	54200	53600	53900
22	52000	51500	51700	50900	50400	50800	52000	51500	51700	54600	53700	54200
23	51800	51500	51700	51100	50700	51000	52300	51600	51900	54900	53900	54400
24	52000	51600	51800	51200	50800	51100	52400	51300	51800	54800	53700	54400
25	52100	51700	51800	51100	50800	51000	52300	50800	51600	54700	53800	54300
26	52000	51600	51800	51400	50800	51100	52700	50800	51900	54600	53700	54200
27	52200	51600	52000	51300	50600	51000	52900	51800	52400	54600	53700	54100
28	52400	52200	52300	51300	50800	51100	53100	51800	52700	54600	53700	54100
29	---	---	---	51300	50800	51100	52900	51400	52500	54600	53700	54200
30	---	---	---	51300	50800	51100	53300	52500	52900	54700	53900	54300
31	---	---	---	51300	50800	51000	---	---	---	54400	53600	54000
MONTH	52400	50800	51800	52600	50400	51400	53300	50000	51400	54900	52400	53600
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	54500	53700	54000	50600	50200	50500	51500	50700	51200	48900	46300	47900
2	54400	53400	53900	50600	50400	50500	51400	50800	51200	48400	46300	47500
3	54300	53500	53900	50700	50500	50600	51800	51100	51400	48100	46200	47200
4	54800	53700	54200	50800	50500	50600	52000	51200	51500	47500	46400	47100
5	54800	54000	54300	50800	50600	50700	51700	51000	51400	47300	46600	47000
6	54800	53900	54300	50900	50500	50700	51600	51100	51400	47100	46700	46900
7	54700	53800	54200	51000	50700	50900	51400	50900	51100	47400	46900	47100
8	54400	53700	54000	51200	50800	51000	51600	51100	51300	47500	46900	47200
9	54300	53700	54100	51100	50700	51000	51800	51300	51500	47700	47100	47300
10	54300	53700	54000	51100	50600	50900	52000	51500	51700	48000	47200	47500
11	54300	53500	53900	51200	50300	50900	52000	51500	51700	48400	47600	47800
12	54200	53500	53800	50700	50200	50500	52000	51600	51700	48400	47800	48000
13	54100	53300	53700	50700	49500	50300	52000	51600	51800	48600	48000	48200
14	54100	53300	53700	50600	49600	50200	51900	51400	51600	48700	48200	48400
15	54300	53300	53800	50600	49800	50300	51700	51200	51600	48500	46600	47900
16	54500	53400	53900	50700	50000	50400	51800	51500	51700	48000	45900	47200
17	54600	53500	54000	51000	50300	50700	52000	51100	51700	48100	46700	47400
18	54600	53600	54100	51000	50800	50900	52100	51600	51900	48200	46400	47500
19	54600	53900	54200	51100	50900	51100	52200	51600	51900	48200	46800	47400
20	54700	53300	54200	51200	48300	50900	52400	51800	52100	47600	46900	47300
21	54000	53200	53800	50600	48300	49800	52600	52000	52300	47600	47200	47400
22	53500	50900	52400	50600	48100	49800	52600	52200	52400	47700	47400	47500
23	52000	50400	51300	50200	47700	49100	52600	52000	52400	47600	47200	47500
24	51600	50600	51100	50400	48000	49300	52700	52300	52400	47700	47300	47600
25	51300	49600	50600	50600	48800	49800	52700	52100	52400	47800	46800	47500
26	50500	49100	50000	50700	49400	50100	52400	52000	52200	47900	46900	47500
27	50100	49100	49800	50900	49900	50400	52300	51800	52100	47800	46700	47300
28	50200	49600	50000	51100	50300	50700	52200	50900	51700	47600	46800	47300
29	50400	50000	50200	51300	50800	51000	51800	50300	51100	47600	46800	47300
30	50500	50300	50400	51400	50900	51300	51200	47700	49500	47500	46600	47200
31	---	---	---	51600	51200	51500	49800	46600	48400	---	---	---
MONTH	54800	49100	53000	51600	47700	50500	52700	46600	51600	48900	45900	47500

02176603 BEAUFORT RIVER AT BEAUFORT, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	22.6	21.5	22.2	18.4	17.1	17.8	20.4	19.4	19.9	11.8	10.7	11.4
2	22.6	21.5	22.2	19.9	18.2	18.7	20.5	19.5	19.9	11.5	9.2	10.6
3	23.1	22.0	22.5	20.9	18.7	19.5	19.9	19.0	19.4	10.4	7.4	9.2
4	23.8	22.5	22.9	21.1	19.3	20.0	19.0	18.3	18.8	9.4	7.1	8.5
5	24.3	23.0	23.5	20.4	19.1	19.7	19.3	18.5	18.9	9.2	7.4	8.5
6	24.3	23.4	23.8	19.1	18.3	18.7	19.6	18.8	19.1	9.3	8.3	9.0
7	23.7	22.8	23.2	18.5	17.8	18.3	19.8	19.0	19.3	9.3	8.5	9.0
8	22.8	21.9	22.3	18.4	17.7	18.2	19.8	19.2	19.4	9.0	7.9	8.6
9	22.0	20.8	21.4	18.4	17.9	18.2	20.0	19.4	19.7	8.8	7.6	8.4
10	21.4	20.7	21.2	18.4	17.6	18.2	19.9	18.1	19.2	9.2	7.8	8.7
11	21.7	20.8	21.3	18.4	17.5	18.1	18.7	17.4	18.2	9.8	8.8	9.4
12	21.9	21.4	21.7	18.1	17.2	17.9	18.3	17.1	17.8	10.1	9.5	9.8
13	22.4	21.8	22.1	17.5	16.5	17.1	18.3	17.2	17.9	10.5	9.7	10.1
14	22.8	22.2	22.5	16.9	16.3	16.7	18.8	17.9	18.4	10.3	9.9	10.1
15	22.8	22.3	22.5	16.8	16.1	16.5	19.5	18.6	18.9	10.8	9.9	10.2
16	23.0	22.2	22.5	16.9	16.0	16.6	18.9	18.3	18.6	11.1	10.0	10.4
17	22.2	21.2	21.5	17.3	16.5	16.8	18.9	18.2	18.5	11.5	10.3	10.7
18	21.3	20.1	20.6	17.6	16.7	17.0	18.8	18.3	18.5	11.6	10.5	11.0
19	20.8	19.5	20.3	18.1	16.9	17.3	18.3	17.9	18.2	12.7	10.8	11.5
20	22.0	20.4	20.9	18.3	17.2	17.6	18.0	17.2	17.5	12.8	11.6	12.1
21	22.7	21.0	21.6	17.6	17.1	17.3	17.3	16.2	16.7	12.7	11.6	12.1
22	23.5	21.5	22.2	17.2	16.7	17.0	16.6	15.4	16.0	12.6	11.8	12.2
23	24.0	22.1	22.9	17.3	16.9	17.1	16.2	15.1	15.7	13.6	12.0	12.7
24	24.4	22.7	23.4	18.1	17.1	17.5	16.1	15.2	15.8	14.4	12.8	13.5
25	24.1	23.3	23.8	18.7	17.8	18.1	15.7	13.7	14.9	14.8	13.5	14.0
26	23.8	21.3	22.5	19.1	18.1	18.6	14.8	11.9	13.8	14.6	13.3	13.7
27	21.5	18.8	20.7	19.3	18.5	18.9	13.3	11.4	12.5	13.9	13.1	13.5
28	19.9	17.1	18.8	19.6	18.7	19.2	12.6	10.9	12.0	14.7	13.2	13.9
29	18.5	16.3	17.6	19.9	18.9	19.4	12.5	10.8	12.0	15.7	13.6	14.4
30	17.9	16.1	17.3	20.3	19.1	19.7	12.3	11.6	12.1	16.8	14.1	15.2
31	17.7	16.3	17.2	---	---	---	12.1	11.2	11.8	17.9	14.8	16.1
MONTH	24.4	16.1	21.6	21.1	16.0	18.1	20.5	10.8	17.1	17.9	7.1	11.2
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	19.0	15.6	16.9	12.4	11.2	12.0	22.8	21.1	21.7	25.0	23.5	24.1
2	18.3	16.4	17.2	12.9	11.9	12.3	23.3	21.2	22.0	25.8	24.2	24.7
3	16.9	16.0	16.4	14.4	12.6	13.3	23.8	21.8	22.6	26.1	24.7	25.3
4	16.0	14.7	15.4	13.4	12.3	12.9	23.0	22.1	22.5	26.3	25.1	25.6
5	14.8	12.6	13.7	12.3	11.0	11.8	22.1	20.9	21.5	25.9	25.0	25.3
6	13.6	11.9	12.9	12.6	11.3	12.0	21.5	20.2	20.9	25.2	24.5	24.9
7	13.1	12.1	12.8	13.3	12.2	12.6	20.6	19.2	20.1	25.6	24.9	25.3
8	13.0	12.0	12.6	14.5	12.8	13.5	20.4	19.2	19.9	26.1	25.2	25.7
9	13.1	12.0	12.6	15.6	13.7	14.5	20.8	19.6	20.3	26.5	25.6	26.0
10	13.5	12.5	13.1	16.4	14.6	15.4	20.8	20.6	20.7	27.2	25.9	26.4
11	14.0	13.3	13.6	16.0	14.5	15.2	20.8	20.5	20.6	27.8	26.3	26.9
12	14.1	13.3	13.7	15.5	14.6	15.1	21.7	20.5	20.9	28.3	26.7	27.2
13	13.7	13.3	13.5	16.5	14.9	15.7	22.1	20.9	21.3	28.0	26.9	27.3
14	13.7	13.0	13.3	17.4	15.4	16.2	23.1	21.3	21.9	27.2	26.3	26.7
15	13.5	12.9	13.2	18.6	16.1	17.0	24.0	21.9	22.6	26.7	25.6	26.1
16	14.0	13.1	13.4	19.5	16.9	17.9	24.9	22.5	23.4	26.5	25.3	25.9
17	13.9	13.1	13.4	20.5	17.7	18.8	25.8	23.3	24.3	26.4	25.4	25.8
18	13.4	12.6	13.0	21.4	18.4	19.6	26.2	23.9	24.9	26.0	25.5	25.8
19	13.6	12.5	13.0	21.9	19.1	20.3	26.2	24.6	25.2	25.5	22.5	23.9
20	14.6	13.0	13.6	22.2	19.6	20.8	26.2	24.7	25.4	23.3	20.6	22.2
21	15.2	13.7	14.4	21.6	20.3	20.9	26.6	25.1	25.7	22.6	21.0	22.0
22	14.9	14.2	14.6	20.5	19.6	20.0	26.4	25.4	25.8	22.0	20.8	21.6
23	14.8	14.2	14.4	19.6	18.5	19.1	26.1	24.6	25.1	21.9	20.9	21.4
24	14.2	13.4	13.7	19.3	18.3	18.9	25.2	24.5	24.8	23.0	21.6	22.1
25	14.0	13.3	13.7	19.7	18.8	19.2	25.2	24.3	24.7	24.5	22.3	23.1
26	14.8	13.6	14.1	20.6	18.9	19.8	25.0	24.1	24.6	25.6	23.1	24.0
27	14.6	12.8	13.6	21.2	19.4	20.3	24.3	23.8	24.0	26.4	23.8	24.7
28	12.8	11.3	12.2	20.9	19.4	20.2	25.5	23.7	24.3	26.9	24.3	25.3
29	---	---	---	21.5	19.4	20.2	26.2	24.4	24.9	27.2	24.6	25.6
30	---	---	---	22.5	20.0	20.8	24.7	24.0	24.2	27.8	25.1	26.2
31	---	---	---	22.9	20.4	21.5	---	---	---	28.6	25.6	26.8
MONTH	19.0	11.3	13.9	22.9	11.0	17.0	26.6	19.2	23.0	28.6	20.6	25.0



## 02176603 BEAUFORT RIVER AT BEAUFORT, SC--Continued

## OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	6.9	6.0	6.4	8.3	7.0	7.9	7.8	6.6	7.6	9.5	8.6	9.0
2	6.9	6.0	6.4	8.4	7.1	7.9	7.7	6.5	7.5	9.5	8.8	9.1
3	7.0	6.0	6.5	8.3	6.8	7.7	8.1	6.7	7.6	10.0	8.9	9.4
4	7.1	5.7	6.6	8.2	6.3	7.7	8.6	7.3	7.9	10.2	9.2	9.6
5	7.2	5.9	6.7	8.3	6.4	7.8	8.8	7.5	8.1	10.4	9.3	9.8
6	7.0	5.7	6.6	8.8	7.0	8.1	8.6	7.5	8.1	10.4	9.4	9.8
7	7.2	5.8	6.7	8.9	7.7	8.4	8.5	7.6	8.1	10.2	9.6	9.8
8	7.3	6.2	6.8	9.0	7.4	8.5	8.2	7.3	8.0	11.0	9.6	10.0
9	7.5	6.6	7.1	9.1	7.9	8.6	8.0	7.2	7.8	11.0	10.4	10.6
10	7.2	6.4	6.9	9.0	7.8	8.7	8.0	7.4	7.8	11.2	10.2	10.6
11	7.3	6.1	6.8	8.9	7.7	8.5	8.0	7.3	7.8	11.2	10.3	10.7
12	6.9	5.9	6.7	8.9	7.4	8.6	8.0	6.8	7.5	11.1	10.3	10.6
13	6.8	5.8	6.5	9.2	8.1	8.8	6.9	6.1	6.6	11.2	10.3	10.7
14	6.9	5.7	6.5	9.1	8.0	8.7	6.6	6.0	6.4	11.1	10.3	10.7
15	6.8	5.4	6.4	8.9	7.9	8.5	6.9	6.0	6.5	11.4	10.3	10.8
16	6.8	5.9	6.5	9.1	8.0	8.6	7.5	6.5	6.9	11.7	10.7	11.2
17	7.4	5.7	6.8	9.0	7.9	8.6	7.8	6.7	7.2	11.7	11.0	11.4
18	8.0	6.6	7.1	9.2	8.1	8.7	7.8	7.0	7.5	11.8	11.0	11.4
19	8.3	6.9	7.5	9.2	7.9	8.6	8.1	7.0	7.6	11.7	11.0	11.3
20	8.4	6.9	7.5	9.2	8.0	8.6	8.3	7.2	7.8	11.3	10.2	10.9
21	8.2	6.9	7.5	9.4	8.0	8.8	8.4	7.3	7.9	11.2	10.4	10.8
22	7.8	6.6	7.3	9.5	8.2	8.9	8.8	7.5	8.1	11.3	10.2	10.8
23	7.5	6.3	7.0	9.2	8.2	8.9	8.6	7.7	8.3	---	---	---
24	7.2	5.8	6.8	9.0	7.8	8.7	8.4	7.8	8.2	---	---	---
25	7.2	5.9	6.8	8.9	7.2	8.5	8.3	7.8	8.1	---	---	---
26	7.6	6.2	7.0	8.6	7.3	8.3	8.8	7.8	8.3	---	---	---
27	7.8	6.7	7.4	8.5	7.1	8.2	8.8	8.1	8.6	---	---	---
28	8.2	6.9	7.7	8.3	6.9	7.9	8.9	8.3	8.7	---	---	---
29	8.3	7.3	7.9	7.9	6.7	7.6	9.1	8.6	8.8	---	---	---
30	8.3	7.2	7.9	8.0	6.6	7.7	9.1	8.5	8.8	9.5	8.5	9.1
31	8.6	7.2	7.9	---	---	---	9.1	8.6	8.8	9.3	8.2	8.9
MONTH	8.6	5.4	7.0	9.5	6.3	8.4	9.1	6.0	7.8	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	9.2	8.0	8.8	10.4	9.4	9.9	7.5	6.6	7.2	6.7	5.2	6.1
2	9.0	7.8	8.6	10.1	9.5	9.8	7.5	6.5	7.1	7.2	5.6	6.3
3	8.9	8.0	8.6	9.8	9.1	9.5	7.4	6.4	7.0	7.3	5.6	6.5
4	9.1	8.4	8.8	9.7	9.1	9.5	7.4	6.4	7.0	7.2	5.3	6.4
5	9.4	8.9	9.1	10.1	9.4	9.7	7.5	6.7	7.1	7.2	5.3	6.4
6	9.4	9.0	9.2	10.2	9.7	9.9	7.7	6.6	7.2	7.3	5.4	6.4
7	9.4	8.9	9.2	10.3	9.7	10.0	7.9	7.0	7.4	7.3	5.5	6.5
8	9.6	9.1	9.4	10.4	9.8	10.1	7.9	7.0	7.5	7.3	5.2	6.4
9	9.6	9.1	9.4	10.4	9.5	10.0	7.9	6.9	7.5	7.3	5.3	6.6
10	9.8	9.0	9.5	10.3	9.2	9.8	7.7	6.4	7.3	7.2	5.2	6.4
11	9.9	9.1	9.5	10.0	8.9	9.6	7.4	6.3	7.1	7.3	5.0	6.4
12	9.9	9.1	9.6	9.7	8.7	9.3	7.6	6.5	7.2	7.4	5.1	6.5
13	9.8	9.1	9.5	9.4	8.2	8.9	7.7	6.5	7.3	7.6	5.2	6.6
14	9.8	8.8	9.5	9.3	8.1	8.9	7.9	6.5	7.4	7.6	5.1	6.7
15	9.7	9.1	9.5	9.3	8.2	8.9	8.1	6.5	7.5	7.8	5.4	6.9
16	9.8	9.0	9.5	9.2	8.2	8.9	7.6	6.1	7.1	8.0	5.6	6.9
17	9.9	9.1	9.6	9.1	8.1	8.8	7.6	5.9	7.0	7.6	5.3	6.7
18	10.0	9.0	9.7	8.9	8.0	8.6	7.7	6.0	7.0	7.7	5.5	6.6
19	10.0	9.4	9.8	8.7	7.7	8.4	7.3	5.4	6.7	7.7	6.1	6.9
20	10.1	9.2	9.8	8.6	7.4	8.2	7.3	5.4	6.6	8.4	6.4	7.5
21	9.9	8.9	9.6	8.4	7.2	7.9	7.3	5.3	6.5	8.0	6.2	7.3
22	9.9	8.7	9.5	8.3	7.0	7.8	6.9	5.1	6.3	7.8	5.9	7.1
23	9.5	8.1	9.2	8.5	7.4	7.9	6.7	5.3	6.2	7.7	6.3	7.2
24	9.5	8.3	9.2	8.6	7.5	8.2	6.7	5.1	6.1	7.6	6.0	7.1
25	9.5	8.6	9.3	8.6	7.6	8.2	6.6	5.3	6.1	7.3	5.5	6.7
26	9.6	8.6	9.3	8.5	7.5	8.0	6.6	4.8	6.1	7.1	5.1	6.4
27	10.1	9.1	9.5	7.9	7.0	7.6	6.5	5.3	6.0	7.0	5.0	6.4
28	10.2	9.5	9.8	7.9	6.9	7.5	6.7	4.9	6.0	7.0	4.9	6.4
29	---	---	---	7.8	6.8	7.5	6.8	5.1	6.2	7.2	5.6	6.7
30	---	---	---	7.8	6.9	7.5	6.6	5.3	6.1	7.0	5.3	6.4
31	---	---	---	7.8	6.8	7.4	---	---	---	7.1	5.3	6.4
MONTH	10.2	7.8	9.4	10.4	6.8	8.8	8.1	4.8	6.8	8.4	4.9	6.6

## BROAD RIVER BASIN

02176603 BEAUFORT RIVER AT BEAUFORT, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	7.2	5.2	6.5	7.5	5.6	6.4	6.1	4.9	5.5	5.9	5.1	5.5
2	7.0	5.1	6.3	8.1	5.9	6.7	5.9	4.8	5.3	6.1	5.2	5.7
3	7.1	5.2	6.3	8.5	6.2	7.1	6.2	5.0	5.5	6.1	5.2	5.7
4	7.0	5.2	6.2	8.4	6.4	7.3	5.8	5.0	5.5	6.2	5.3	5.7
5	7.2	5.6	6.4	8.0	6.1	7.0	5.5	4.5	5.1	5.9	5.0	5.6
6	7.1	5.9	6.5	7.2	5.4	6.4	5.3	4.4	4.9	6.0	4.8	5.5
7	6.9	6.0	6.5	6.9	4.9	6.0	5.5	4.4	5.1	6.7	5.1	5.9
8	7.4	6.0	6.7	6.6	5.0	5.9	6.0	4.8	5.3	7.3	5.6	6.2
9	7.6	6.3	7.0	6.8	5.0	5.9	6.5	5.0	5.5	6.9	5.7	6.2
10	7.7	6.1	7.0	6.5	5.0	5.8	6.9	5.1	5.8	7.3	5.7	6.4
11	7.6	5.9	6.7	6.6	4.9	5.9	7.3	4.8	5.8	7.7	5.9	6.6
12	7.1	5.7	6.4	6.2	5.0	5.6	7.3	4.8	5.8	7.4	5.9	6.6
13	7.1	5.6	6.4	5.9	4.7	5.4	6.2	4.6	5.5	7.0	5.9	6.5
14	6.9	5.6	6.3	6.0	4.6	5.4	5.9	4.7	5.2	6.6	5.6	6.2
15	6.9	5.2	6.2	6.2	4.6	5.5	5.8	4.6	5.2	6.2	4.8	5.7
16	7.0	5.2	6.1	6.8	4.8	5.8	5.9	4.6	5.3	5.8	4.5	5.3
17	6.3	5.0	5.7	6.3	5.0	5.7	5.8	4.7	5.3	5.6	4.1	5.1
18	5.9	4.7	5.4	5.9	4.6	5.4	5.6	4.2	5.1	5.5	4.3	5.0
19	5.6	4.8	5.2	6.0	4.5	5.4	5.5	4.0	4.9	5.2	4.3	4.8
20	5.5	4.9	5.3	5.9	4.5	5.3	5.5	4.1	4.8	5.1	4.2	4.7
21	5.5	5.1	5.3	5.6	4.5	5.2	5.4	4.0	4.9	5.3	4.3	4.9
22	6.1	5.3	5.8	5.3	4.3	4.8	5.2	4.2	4.8	5.8	4.4	5.0
23	6.0	5.4	5.8	5.0	3.6	4.4	5.6	4.1	4.9	5.8	4.5	5.2
24	6.0	5.3	5.7	4.9	3.5	4.3	6.1	4.6	5.2	5.9	4.5	5.2
25	5.7	5.2	5.5	5.2	3.7	4.5	5.9	4.8	5.4	6.1	4.9	5.5
26	6.0	4.9	5.5	5.5	4.1	4.9	5.4	4.7	5.2	6.2	5.1	5.7
27	6.4	5.1	5.8	5.7	4.3	5.1	5.2	4.3	4.8	6.8	5.4	6.1
28	7.1	5.5	6.2	6.0	4.5	5.2	5.3	4.5	5.0	6.6	5.6	6.2
29	7.2	5.8	6.4	6.1	4.3	5.2	5.5	4.7	5.2	6.2	5.3	5.8
30	7.1	5.7	6.4	6.1	4.5	5.3	5.5	4.7	5.2	5.9	4.8	5.5
31	---	---	---	6.8	4.7	5.6	5.6	4.8	5.2	---	---	---
MONTH	7.7	4.7	6.1	8.5	3.5	5.6	7.3	4.0	5.2	7.7	4.1	5.7

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 September 2002.

GAGE.--Data Collection Platform and acoustic velocity meter. Datum of gage is 10.55 ft below NGVD of 1929.

REMARKS.--Records fair except Dec. 1, 2001 to May 22, 2002 which are poor. This site is strongly affected by astronomical tides.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 136,000 ft<sup>3</sup>/s, July 23, 2001; minimum discharge, -129,000 ft<sup>3</sup>/s, July 21, 2001.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 124,000 ft<sup>3</sup>/s, Aug. 8; minimum discharge, -121,000 ft<sup>3</sup>/s, Aug. 9.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	---	---	---	---	103000	-99400	95900	-96900	96900	-91400	95500	-92900
2	---	---	---	---	97000	-100000	100000	-95000	102000	-91100	99100	-93600
3	---	---	---	---	111000	-99600	108000	-103000	94200	-92400	103000	-94600
4	---	---	---	---	100000	-104000	94700	-96200	94400	-95300	106000	-91400
5	---	---	---	---	99500	-98500	97500	-95700	95500	-89700	96800	-89000
6	---	---	---	---	102000	-98800	97600	-95300	96400	-89200	90700	-87400
7	---	---	---	---	104000	-90300	97900	-92600	89500	-86900	91600	-88800
8	---	---	---	---	99200	-90500	90800	-92600	87700	-81600	84400	-86700
9	---	---	---	---	92900	-89200	86000	-84500	81700	-84400	85400	-84100
10	---	---	104000	-92300	84300	-78200	83500	-77500	84400	-78200	87700	-84100
11	---	---	95100	-81300	89200	-76500	76900	-78400	76200	-79400	87300	-84300
12	---	---	87200	-74500	81600	-73900	79500	-78000	80800	-76200	98700	-91500
13	---	---	78700	-71600	68700	-75300	81700	-75900	80300	-84600	---	---
14	---	---	79500	-67500	67000	-71200	84700	-81500	93100	-85100	---	---
15	---	---	76200	-69700	82200	-79300	85500	-85300	107000	-101000	---	---
16	---	---	83200	-73300	85100	-85600	91000	-91000	110000	-111000	---	---
17	---	---	83300	-82100	93000	-97900	102000	-98900	116000	-119000	---	---
18	---	---	84900	-87300	103000	-97000	108000	-108000	125000	-124000	---	---
19	---	---	93200	-96400	112000	-110000	111000	-117000	123000	-125000	116000	-112000
20	---	---	97000	-102000	114000	-109000	124000	-125000	122000	-120000	114000	-106000
21	---	---	101000	-106000	111000	-119000	131000	-129000	120000	-118000	102000	-99400
22	---	---	110000	-110000	114000	-117000	132000	-125000	114000	-107000	100000	-95400
23	---	---	114000	-115000	120000	-116000	136000	-115000	109000	-97700	91100	-88400
24	---	---	113000	-113000	118000	-114000	118000	-112000	100000	-89700	83100	-82800
25	---	---	112000	-109000	115000	-110000	115000	-99200	95600	-88800	76700	-77400
26	---	---	109000	-106000	112000	-101000	103000	-91300	95000	-94000	78700	-75300
27	---	---	106000	-103000	106000	-95000	95500	-89300	87900	-91400	78900	-77000
28	---	---	106000	-94800	99000	-95300	91700	-92200	82700	-85600	89700	-79100
29	---	---	101000	-93800	95500	-92800	88100	-92600	89000	-89000	93700	-84100
30	---	---	98000	-100000	99300	-98800	92800	-87700	96900	-85900	99200	-91400
31	---	---	90200	-95500	---	---	100000	-92600	95900	-89300	---	---
MONTH	---	---	---	---	120000	-119000	136000	-129000	125000	-125000	---	---

## BROAD RIVER BASIN

02176611 BEAUFORT RIVER NEAR PORT ROYAL, SC--Continued

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	98800	-96700	91400	-96200	90100	-97900	92700	-103000	107000	-104000	107000	-110000
2	97900	-98000	94600	-95300	94100	-97200	106000	-100000	95800	-98300	112000	-106000
3	97100	-101000	92400	-93900	101000	-98800	104000	-104000	102000	-89400	92600	-90500
4	94900	-95900	87600	-88500	99700	-97800	85100	-89300	87500	-81000	83100	-77800
5	89600	-93800	91800	-88400	93600	-95400	83300	-91500	80000	-77000	59600	-69000
6	85300	-87600	95400	-88200	92000	-93900	75900	-83600	85000	-84800	62300	-67800
7	88600	-79400	88400	-88900	86500	-90400	62800	-81300	82400	-89700	57900	-68400
8	89600	-84300	90500	-86900	84900	-91800	58300	-74900	68700	-81500	58800	-68200
9	86800	-83100	82500	-88900	78500	-91800	67700	-87600	79000	-83000	67500	-73700
10	93500	-90000	88300	-96300	92300	-92800	67000	-80000	88600	-88500	78600	-70400
11	95100	-93600	91300	-98400	94500	-100000	77500	-85600	78100	-82200	88800	-79900
12	99000	-97400	105000	-102000	98400	-103000	80600	-92800	87800	-88000	84100	-85600
13	110000	-104000	116000	-110000	98100	-103000	79600	-82600	81900	-88300	85200	-93000
14	120000	-111000	112000	-109000	93600	-103000	87100	-88800	88200	-88200	72700	-85100
15	122000	-113000	110000	-108000	86500	-92800	71500	-80800	85100	-83600	81900	-89300
16	121000	-118000	110000	-108000	93000	-92800	77100	-82500	74000	-82200	82800	-88700
17	122000	-111000	97200	-97100	83800	-87400	70200	-77500	72200	-73700	84000	-84600
18	118000	-107000	88500	-89700	74200	-80600	56300	-68900	63200	-68300	84200	-83900
19	110000	-104000	84900	-85500	74300	-75900	64100	-68700	58800	-66400	78600	-76200
20	97800	-94400	79000	-77400	67900	-70400	52000	-68500	59500	-63200	71400	-71900
21	94700	-89100	77700	-72500	64700	-61500	51900	-65400	69800	-67400	68800	-62200
22	85500	-79200	66100	-71900	62300	-68400	55200	-61100	68600	-66400	76600	-64800
23	77400	-76900	61600	-68100	57500	-72200	60800	-69100	67200	-76700	65300	-68300
24	67000	-76100	56200	-70100	60300	-69400	68500	-73400	87900	-89200	63100	-81200
25	63100	-70700	61900	-73800	56800	-70000	77400	-82100	99200	-107000	76400	-92000
26	62900	-61200	69800	-77300	73500	-82900	88500	-93300	102000	-112000	90300	-100000
27	77000	-74600	73700	-84700	70900	-89400	99000	-104000	101000	-102000	102000	-109000
28	85100	-81100	80500	-92000	75400	-91200	99300	-109000	109000	-118000	114000	-113000
29	85000	-89000	82700	-96500	83800	-101000	109000	-106000	---	---	113000	-119000
30	83300	-91500	87600	-94000	87000	-103000	109000	-110000	---	---	106000	-114000
31	87600	-96300	---	---	88700	-102000	108000	-110000	---	---	102000	-104000
MONTH	122000	-118000	116000	-110000	101000	-103000	109000	-110000	109000	-118000	114000	-119000
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	91900	-90100	---	---	87500	-78000	76800	-76300	75900	-77600	89100	-81700
2	89900	-86500	---	---	82200	-75200	74000	-73800	86100	-79900	94800	-90100
3	73600	-72800	---	---	84300	-81600	74600	-73200	92300	-85000	98700	-99000
4	73400	-66400	---	---	81500	-82300	78900	-83400	88800	-93400	110000	-104000
5	70500	-66800	---	---	83700	-87800	85600	-85100	98800	-97400	116000	-111000
6	78600	-65000	---	---	84200	-88700	92000	-92100	111000	-109000	123000	-120000
7	79900	-65900	---	---	94500	-89400	102000	-97000	121000	-116000	123000	-120000
8	68400	-67700	---	---	105000	-99200	103000	-97700	124000	-118000	123000	-118000
9	66600	-68900	---	---	112000	-102000	101000	-102000	122000	-121000	117000	-112000
10	66800	-74500	---	---	111000	-108000	105000	-107000	123000	-117000	110000	-114000
11	84200	-81700	---	---	111000	-110000	109000	-108000	119000	-113000	111000	-104000
12	73100	-89300	---	---	109000	-106000	109000	-112000	115000	-107000	109000	-100000
13	76000	-92400	---	---	105000	-106000	---	---	110000	-101000	98900	-101000
14	74400	-87000	---	---	107000	-103000	---	---	101000	-93000	97200	-90900
15	71200	-82800	---	---	107000	-104000	---	---	93800	-89800	84100	-84800
16	70400	-76200	---	---	104000	-100000	---	---	90200	-85900	88600	-82300
17	72200	-74400	---	---	100000	-96600	---	---	94000	-93100	94200	-91600
18	63000	-71700	---	---	105000	-97700	---	---	90100	-92600	---	---
19	58000	-64300	---	---	109000	-97400	---	---	102000	-94700	---	---
20	48900	-64300	---	---	111000	-98400	---	---	99300	-90500	103000	-99400
21	60000	-69200	---	---	115000	-104000	113000	-107000	102000	-93900	100000	-96100
22	56700	-75300	---	---	118000	-112000	107000	-106000	99200	-96500	97300	-96100
23	84300	-86500	121000	-113000	115000	-106000	101000	-101000	99700	-92100	96800	-95600
24	89300	-98000	116000	-118000	109000	-107000	100000	-102000	97300	-88700	93400	-92700
25	96400	-104000	120000	-117000	108000	-105000	95700	-100000	90000	-91000	94800	-89100
26	102000	-119000	113000	-113000	105000	-94500	101000	-93200	94400	-87600	90300	-88800
27	110000	-114000	119000	-105000	102000	-88500	95300	-80500	84000	-79700	77400	-81100
28	95800	-107000	117000	-106000	98000	-80800	82800	-78400	87100	-80800	83300	-80200
29	86700	-102000	115000	-104000	84300	-77200	76200	-81500	84200	-83000	88800	-76900
30	---	---	110000	-95800	77500	-72900	78400	-72800	84000	-70900	90400	-85400
31	---	---	101000	-82100	---	---	77700	-77100	82700	-75800	---	---
MONTH	---	---	---	---	118000	-112000	---	---	124000	-121000	---	---

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 Aug. 30 to Sep. 10, which are good. Temperature records rated excellent. Dissolved oxygen records rated poor except Oct. 1 to Nov. 1, Nov. 15 to Jan. 23, Apr. 30 to May 22, May 29, to June 26, and July 31 to Aug. 30, which are fair. 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, 41,800 microsiemens Jul. 3, 5, 1999.

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, 54,900 microsiemens, June 11, 12; minimum, 46,800 microsiemens Sep. 19.

WATER TEMPERATURE: Maximum, 31.9°C, July 20; minimum, 8.3°C, Jan. 5, 9.

DISSOLVED OXYGEN: Maximum, 11.7 mg/L, Jan. 18; minimum, 4.1 mg/L, Aug. 28.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	51800	50800	51300	52800	52300	52500	52900	52700	52800	52600	52500	52600
2	51900	51100	51500	52500	52200	52400	52900	52700	52800	52600	52500	52500
3	52300	51200	51700	52400	52100	52300	52900	52700	52800	52500	52400	52500
4	52200	51500	51800	52400	52200	52300	52900	52800	52900	52500	52400	52500
5	52200	51500	51800	52500	52300	52400	52900	52800	52900	52500	52400	52400
6	52200	51300	51900	52600	52300	52500	52900	52800	52900	52400	52200	52400
7	52300	51600	51900	52700	52400	52600	52900	52800	52900	52400	52200	52300
8	52400	51600	52000	52700	52400	52600	52900	52800	52900	52300	52200	52300
9	52500	52100	52400	52800	52500	52700	52900	52800	52800	52500	52300	52300
10	52700	51900	52400	52900	52600	52800	52900	52700	52800	52500	52300	52400
11	52900	51900	52400	53000	52700	52900	52700	52500	52700	52400	52200	52300
12	52900	52000	52500	53200	52800	53000	52700	52600	52600	52300	52100	52200
13	52800	52100	52500	53400	53100	53200	52800	52500	52700	52100	51800	52000
14	52900	52100	52500	53500	53100	53400	52800	52500	52700	52000	51700	51800
15	52500	51800	52200	53600	53400	53500	52600	52500	52600	51800	51500	51700
16	52500	51900	52200	53600	53500	53600	52600	52500	52500	51800	51500	51600
17	52600	51800	52200	53600	53500	53600	52600	52400	52500	51700	51500	51600
18	52400	51800	52200	53600	53500	53600	52500	52300	52400	51600	51400	51500
19	52500	52000	52200	53600	53400	53500	52400	52300	52400	51600	51300	51500
20	52500	51800	52100	53500	53300	53400	52400	52300	52400	51400	51300	51400
21	52300	51600	52100	53500	53400	53400	52500	52300	52400	51400	51200	51300
22	52200	51700	51900	53500	53400	53400	52500	52400	52400	51400	51200	51300
23	52000	51500	51800	53500	53300	53400	52500	52400	52400	51500	51200	51400
24	51900	51400	51700	53400	53200	53300	52500	52400	52400	51600	51300	51400
25	51800	51400	51600	53300	53100	53200	52500	52400	52400	51600	51300	51400
26	51900	51200	51600	53200	53000	53100	52500	52400	52500	51700	51400	51500
27	52200	51700	52000	53100	52700	52900	52600	52500	52500	51800	51400	51600
28	52600	52100	52400	52800	52600	52800	52600	52500	52600	51800	51500	51600
29	52800	52400	52600	52800	52600	52800	52600	52500	52600	51800	51500	51600
30	52900	52600	52800	52900	52600	52800	52600	52500	52600	51700	51400	51600
31	52900	52500	52700	---	---	---	52700	52500	52600	51700	51400	51600
MONTH	52900	50800	52100	53600	52100	53000	52900	52300	52600	52600	51200	51900



## BROAD RIVER BASIN

02176611 BEAUFORT RIVER NEAR PORT ROYAL, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	51700	51300	51500	52800	52600	52700	51400	51000	51200	52500	52100	52400
2	51700	51300	51500	52700	52200	52500	51300	51000	51200	52600	52200	52400
3	51700	51500	51600	52500	51800	52100	51200	50800	51000	53100	52400	52900
4	51900	51600	51800	52200	51900	52000	51000	50700	50800	53200	53000	53100
5	52100	51800	52000	52300	52100	52200	51100	50700	50900	53400	53000	53100
6	52200	52000	52200	52300	52100	52200	51300	50900	51100	53000	52300	52600
7	52200	51700	51900	52300	52100	52200	51600	51100	51400	52400	52100	52200
8	52000	51700	51800	52300	52000	52100	51700	51400	51500	52300	52000	52100
9	52100	51700	51900	52100	51800	52000	51900	51200	51500	---	---	---
10	52000	51600	51800	52100	51800	51900	52000	51400	51800	---	---	---
11	51900	51500	51700	52100	51800	52000	51800	51400	51600	---	---	---
12	52200	51500	51900	52100	51900	52000	51700	51400	51600	---	---	---
13	52300	51800	52100	52000	51800	51900	51800	51300	51500	---	---	---
14	52300	52000	52100	52000	51700	51800	51800	51400	51600	---	---	---
15	52300	52000	52200	51900	51600	51700	51600	51100	51400	---	---	---
16	52300	52000	52100	51700	51400	51600	51300	51100	51200	---	---	---
17	52300	52000	52100	51600	51400	51500	51300	51100	51200	---	---	---
18	52400	52100	52200	51600	51300	51400	51300	50900	51200	---	---	---
19	52400	52200	52300	51600	51400	51500	51400	50900	51100	---	---	---
20	52400	52100	52200	51500	51300	51400	51000	50800	50900	---	---	---
21	52300	51900	52100	51400	50800	51300	51100	50800	50900	---	---	---
22	52300	51900	52100	51500	51000	51300	51200	50800	51000	---	---	---
23	52300	51900	52100	51500	51200	51400	51500	50900	51200	54000	52900	53500
24	52400	51900	52200	51600	51500	51500	51600	51000	51400	54100	52900	53600
25	52400	52000	52200	51600	51000	51500	51700	51000	51500	54000	53000	53600
26	52400	52000	52200	51600	51300	51500	51900	51300	51600	54000	53100	53600
27	52500	52100	52300	51500	51200	51400	52200	51100	51700	54000	53300	53600
28	52800	52400	52600	51500	51300	51400	52000	51400	51800	54100	53300	53700
29	---	---	---	51500	51300	51400	52000	51500	51800	54400	53500	53900
30	---	---	---	51500	51200	51400	52500	51600	52200	54400	53800	54100
31	---	---	---	51400	51200	51300	---	---	---	54300	53800	54100
MONTH	52800	51300	52000	52800	50800	51700	52500	50700	51400	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	54200	53800	54000	50900	50000	50400	51100	49800	50300	48800	47500	48200
2	54200	53800	54000	50600	50000	50300	51100	50000	50500	48400	47400	47900
3	54100	53600	53900	50700	50100	50400	51100	50000	50700	48300	47300	47800
4	54400	53700	54000	50700	50200	50400	51100	50100	50700	48400	47300	47700
5	54400	53900	54200	50700	50200	50400	51200	50100	50600	49000	47500	47800
6	54500	53900	54200	50800	50200	50500	51100	50100	50700	49700	47600	48100
7	54500	53800	54200	50700	50300	50500	51100	50300	50700	49900	47300	48400
8	54400	53800	54200	50800	50400	50600	51500	50500	50900	50100	48200	48800
9	54700	53800	54400	50700	50200	50500	51700	50200	51000	50200	48400	49100
10	54700	54000	54500	50700	50200	50500	51600	50300	51000	50300	48400	49300
11	54900	54100	54600	51100	50100	50800	51500	50200	51000	50400	49000	49500
12	54900	54000	54600	51200	50600	50900	51600	49800	51000	50400	49000	49600
13	54800	53800	54400	---	---	---	---	---	---	50400	49300	49700
14	54700	53800	54400	---	---	---	---	---	---	50300	49300	49800
15	54700	53800	54400	---	---	---	52500	51300	51700	50000	48000	49200
16	54800	53800	54400	---	---	---	52600	51600	51900	49400	48100	48700
17	54800	53900	54400	---	---	---	53100	51800	52100	49400	48100	48700
18	54800	53400	54100	51600	51100	51500	53200	51800	52300	49200	47100	48500
19	54200	53300	53900	51700	51500	51600	53600	52300	52700	48800	46800	48000
20	54300	53200	53900	51600	50900	51500	53800	52300	52800	48600	47000	47900
21	54000	53100	53700	51300	50600	51000	54700	52800	53200	48600	47200	47900
22	53800	51200	52500	51300	50200	50900	54900	53100	53500	48700	47400	48000
23	52000	50600	51500	51400	50000	50700	54100	52900	53400	48600	47100	47900
24	51500	50500	51200	51400	49900	50800	54300	52400	53400	48600	46900	47900
25	51200	50200	50800	51300	49900	50700	54000	53000	53400	48800	47400	48100
26	51200	50200	50500	51200	50000	50700	53600	52900	53200	48700	47300	48000
27	51000	50100	50400	51100	49900	50700	53300	52900	53100	48500	46900	47900
28	51000	50000	50300	51100	50000	50700	54000	51700	53000	48700	47100	47900
29	50800	50100	50400	51100	50300	50700	53300	50200	52200	48700	47100	47900
30	50900	50200	50400	51100	50200	50700	52000	48300	49400	48800	47000	47800
31	---	---	---	51200	50100	50800	49100	47800	48500	---	---	---
MONTH	54900	50000	53200	---	---	---	---	---	---	50400	46800	48400

02176611 BEAUFORT RIVER NEAR PORT ROYAL, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	22.9	22.5	22.7	18.3	17.6	17.9	19.9	19.1	19.4	12.0	11.4	11.7
2	22.7	22.3	22.5	19.1	18.2	18.5	19.9	19.2	19.5	11.8	10.3	11.0
3	22.9	22.4	22.6	19.8	18.7	19.1	19.6	18.9	19.2	10.9	8.9	9.9
4	23.3	22.5	22.8	20.1	19.2	19.6	18.9	18.5	18.7	9.8	8.5	9.1
5	23.7	22.9	23.2	19.8	19.1	19.4	18.9	18.5	18.7	9.2	8.3	8.9
6	23.8	23.3	23.5	19.1	18.5	18.8	19.1	18.6	18.8	9.4	8.8	9.1
7	23.5	22.8	23.1	18.7	18.2	18.5	19.4	18.8	19.0	9.3	8.8	9.1
8	22.8	22.1	22.4	18.6	18.1	18.4	19.5	19.1	19.2	8.9	8.4	8.7
9	22.2	21.4	21.7	18.5	18.2	18.3	19.7	19.3	19.5	8.8	8.3	8.6
10	21.6	21.1	21.4	18.5	18.2	18.3	19.6	18.8	19.1	9.1	8.5	8.8
11	21.7	21.2	21.5	18.4	18.1	18.3	18.8	18.1	18.5	9.6	9.0	9.3
12	21.9	21.6	21.7	18.3	17.8	18.1	18.3	17.8	18.1	9.9	9.4	9.6
13	22.3	21.8	22.0	17.8	17.2	17.4	18.2	17.8	18.0	10.2	9.6	9.8
14	22.6	22.1	22.4	17.2	16.8	16.9	18.6	18.1	18.3	10.0	9.8	9.9
15	22.6	22.2	22.4	16.8	16.6	16.7	19.0	18.4	18.6	10.3	9.8	10.0
16	22.7	22.0	22.4	16.7	16.4	16.6	18.7	18.3	18.4	10.5	9.9	10.2
17	22.2	21.2	21.6	16.8	16.4	16.6	18.5	18.1	18.3	10.8	10.1	10.4
18	21.3	20.5	20.8	17.0	16.5	16.7	18.5	18.2	18.3	11.0	10.4	10.6
19	20.6	20.1	20.4	17.4	16.7	16.9	18.2	17.9	18.1	11.7	10.6	11.1
20	21.2	20.4	20.7	17.5	17.0	17.2	17.9	17.3	17.5	11.9	11.4	11.6
21	21.8	20.8	21.1	17.3	16.9	17.0	17.3	16.6	16.9	12.0	11.4	11.7
22	22.3	21.4	21.7	17.0	16.7	16.9	16.7	16.0	16.3	12.1	11.6	11.8
23	22.9	21.9	22.3	17.1	16.8	16.9	16.2	15.7	16.0	13.0	11.7	12.2
24	23.5	22.6	22.9	17.9	17.0	17.3	16.1	15.7	16.0	13.6	12.4	13.0
25	23.6	23.0	23.3	18.2	17.6	17.8	15.8	14.6	15.3	13.8	13.0	13.4
26	23.3	21.9	22.6	18.7	17.8	18.2	14.9	13.3	14.3	13.8	12.8	13.3
27	21.9	20.0	21.1	19.0	18.1	18.5	13.6	12.5	13.1	13.5	12.7	13.2
28	20.2	18.6	19.4	19.2	18.3	18.7	12.7	12.1	12.4	14.0	12.7	13.4
29	18.6	17.9	18.3	19.5	18.5	19.0	12.6	11.9	12.3	14.6	13.1	13.8
30	18.0	17.6	17.8	19.7	18.8	19.2	12.6	12.1	12.3	15.4	13.5	14.4
31	17.9	17.4	17.6	---	---	---	12.5	11.8	12.1	16.3	14.1	15.1
MONTH	23.8	17.4	21.6	20.1	16.4	17.9	19.9	11.8	17.1	16.3	8.3	11.1
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	17.2	14.7	15.9	12.3	11.7	12.0	22.0	20.5	21.2	24.6	23.7	24.0
2	16.9	15.4	16.3	12.7	11.8	12.2	22.3	20.8	21.4	25.2	24.0	24.4
3	16.4	15.2	15.8	13.5	12.3	12.9	23.0	21.2	22.0	25.6	24.5	24.9
4	15.6	14.8	15.2	13.1	12.1	12.7	22.5	21.8	22.1	25.7	25.0	25.2
5	14.8	13.5	13.9	12.1	11.6	11.9	21.9	21.2	21.4	25.4	24.9	25.0
6	13.7	12.8	13.2	12.4	11.7	11.9	21.4	20.8	20.9	25.1	24.6	24.9
7	13.1	12.8	13.0	12.9	12.0	12.4	20.9	20.1	20.4	25.4	24.8	25.1
8	13.0	12.5	12.8	13.9	12.4	13.1	20.3	19.8	20.1	25.9	25.0	25.4
9	13.0	12.5	12.8	14.8	13.2	13.9	20.7	19.9	20.3	---	---	---
10	13.4	12.8	13.1	15.4	13.9	14.6	20.8	20.3	20.6	---	---	---
11	13.8	13.0	13.4	15.3	13.9	14.6	20.8	20.3	20.6	---	---	---
12	13.9	13.1	13.5	15.2	14.1	14.6	21.2	20.3	20.7	---	---	---
13	13.6	13.2	13.4	15.7	14.3	15.1	21.6	20.7	21.0	---	---	---
14	13.4	13.0	13.2	16.5	15.0	15.6	22.3	20.9	21.4	---	---	---
15	13.2	12.9	13.1	17.3	15.6	16.3	23.1	21.3	22.0	---	---	---
16	13.6	13.0	13.2	18.2	16.4	17.0	24.0	21.9	22.8	---	---	---
17	13.4	13.0	13.2	19.1	16.9	17.8	24.7	22.6	23.5	---	---	---
18	13.1	12.7	12.9	19.9	17.5	18.6	25.2	23.3	24.1	---	---	---
19	13.3	12.7	12.9	20.3	18.3	19.2	25.3	23.9	24.6	---	---	---
20	13.9	13.0	13.3	20.9	18.6	19.8	25.7	24.2	24.8	---	---	---
21	14.6	13.5	14.0	20.6	19.4	20.1	26.0	24.5	25.2	---	---	---
22	14.5	14.0	14.3	20.0	19.1	19.5	25.8	24.8	25.3	---	---	---
23	14.4	13.9	14.1	19.3	18.3	18.9	25.7	24.4	24.8	21.8	21.4	21.6
24	14.1	13.4	13.7	19.2	18.1	18.8	25.0	24.0	24.6	22.5	21.6	22.0
25	14.1	13.2	13.6	19.6	18.2	18.9	25.1	23.9	24.5	23.7	22.2	22.7
26	14.4	13.4	13.9	20.1	18.4	19.3	24.9	23.8	24.3	24.5	22.9	23.4
27	14.3	12.8	13.6	20.6	18.9	19.8	24.2	23.5	23.9	25.0	23.5	24.0
28	12.9	11.8	12.3	20.4	19.0	19.7	24.8	23.5	24.0	25.5	23.9	24.6
29	---	---	---	20.7	18.9	19.8	25.1	24.0	24.4	25.9	24.2	24.9
30	---	---	---	21.3	19.5	20.2	24.5	23.8	24.1	26.4	24.6	25.4
31	---	---	---	21.8	20.1	20.8	---	---	---	27.1	25.1	26.0
MONTH	17.2	11.8	13.7	21.8	11.6	16.5	26.0	19.8	22.7	---	---	---

## BROAD RIVER BASIN

02176611 BEAUFORT RIVER NEAR PORT ROYAL, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	27.7	25.9	26.7	29.4	28.3	28.7	30.9	30.4	30.7	27.6	27.2	27.4
2	27.9	26.5	27.2	29.6	28.7	29.1	30.6	30.3	30.5	27.4	27.2	27.3
3	28.7	27.2	27.9	29.7	29.0	29.3	30.5	30.1	30.2	27.6	27.1	27.3
4	29.0	27.7	28.4	30.0	29.1	29.5	30.1	29.6	29.9	28.0	27.3	27.7
5	29.1	28.2	28.6	30.3	29.4	29.8	29.7	29.4	29.6	28.6	27.7	28.1
6	29.1	28.3	28.7	30.3	29.4	29.9	30.3	29.5	29.8	29.0	28.0	28.4
7	29.2	28.3	28.7	30.1	29.4	29.8	30.2	29.2	29.7	28.8	27.9	28.3
8	28.8	27.9	28.3	29.9	29.3	29.6	29.4	28.6	29.0	28.6	27.8	28.2
9	28.2	27.5	27.7	30.1	29.2	29.6	28.8	28.0	28.5	28.6	27.8	28.2
10	28.1	27.2	27.6	30.3	29.4	29.8	28.7	27.9	28.2	28.5	27.8	28.1
11	28.2	27.3	27.6	30.4	29.4	29.7	29.1	27.9	28.3	28.8	27.8	28.2
12	29.0	27.5	27.9	29.8	29.2	29.5	29.3	28.1	28.5	28.7	28.1	28.4
13	29.4	27.7	28.4	---	---	---	---	---	---	28.5	28.2	28.4
14	29.4	28.1	28.7	---	---	---	---	---	---	28.4	28.2	28.3
15	29.1	28.4	28.8	---	---	---	29.2	28.2	28.6	28.4	27.8	28.1
16	28.9	28.2	28.5	---	---	---	29.8	28.8	29.2	28.1	27.7	27.9
17	28.7	28.0	28.4	---	---	---	30.0	29.2	29.6	28.4	27.9	28.2
18	28.5	28.1	28.3	31.6	30.7	31.2	30.1	29.4	29.8	28.6	28.1	28.3
19	28.1	27.8	27.9	31.7	30.8	31.3	30.0	29.3	29.7	28.5	28.1	28.3
20	27.9	27.5	27.7	31.9	31.1	31.4	30.1	29.3	29.7	28.3	27.8	28.1
21	27.5	26.8	27.2	31.3	30.6	30.9	30.5	29.3	29.8	28.3	27.6	27.9
22	26.8	25.8	26.3	30.8	30.4	30.6	30.8	29.5	29.9	28.5	27.7	28.0
23	26.4	25.7	26.1	30.5	29.8	30.1	30.8	29.6	30.1	28.8	27.8	28.2
24	26.9	26.2	26.4	29.9	29.4	29.6	30.9	29.8	30.2	28.4	27.7	28.1
25	26.7	26.6	26.6	30.0	29.1	29.4	30.7	29.9	30.2	27.8	27.2	27.5
26	27.4	26.5	26.8	30.6	29.4	29.8	30.3	29.6	30.0	27.7	27.0	27.3
27	27.8	27.0	27.3	30.8	29.7	30.0	29.8	29.2	29.6	28.1	27.2	27.5
28	28.6	27.3	27.7	31.2	30.0	30.3	29.3	28.8	29.1	28.2	27.6	27.8
29	28.4	27.8	28.0	31.3	30.2	30.5	29.1	28.5	28.8	28.1	27.7	27.9
30	28.8	27.9	28.2	31.4	30.4	30.8	28.6	27.9	28.2	27.8	27.4	27.6
31	---	---	---	31.4	30.6	30.9	27.9	27.5	27.7	---	---	---
MONTH	29.4	25.7	27.8	---	---	---	---	---	---	29.0	27.0	28.0

02176611 BEAUFORT RIVER NEAR PORT ROYAL, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.6	6.1	6.7	8.1	6.6	7.5	7.7	6.9	7.4	9.6	8.2	9.0
2	7.5	6.3	6.8	7.9	6.6	7.3	7.6	6.7	7.2	9.9	8.5	9.3
3	7.7	6.2	7.1	7.9	6.8	7.3	7.6	6.7	7.2	10.2	8.6	9.5
4	7.6	6.4	7.2	7.9	6.6	7.4	7.7	6.9	7.4	10.3	8.5	9.6
5	7.8	6.6	7.3	7.9	6.9	7.5	7.8	7.0	7.5	10.5	8.7	9.6
6	7.4	6.3	7.0	8.2	6.9	7.7	7.8	7.0	7.6	10.8	8.8	9.8
7	7.4	6.5	7.0	8.2	7.4	7.8	7.9	7.2	7.6	10.6	8.9	9.9
8	7.6	6.4	7.1	8.2	7.0	7.8	7.8	7.1	7.5	10.6	9.0	9.9
9	7.6	6.2	7.2	8.4	7.3	7.9	7.7	6.9	7.4	10.8	9.3	10.2
10	7.5	6.5	7.2	8.3	7.5	7.9	7.8	7.0	7.5	10.4	10.1	10.2
11	7.4	6.5	7.1	8.3	7.5	8.0	7.7	7.2	7.5	10.4	10.2	10.3
12	7.3	6.3	7.0	8.5	7.4	8.0	7.7	6.8	7.4	10.5	10.2	10.3
13	7.4	6.3	6.9	8.6	7.6	8.3	7.7	7.1	7.4	10.7	10.1	10.4
14	7.2	6.3	6.8	8.9	8.1	8.5	7.6	7.1	7.3	10.7	10.2	10.4
15	7.1	5.8	6.6	8.7	8.1	8.5	7.6	6.8	7.3	11.1	10.1	10.5
16	7.1	6.1	6.7	8.6	8.0	8.4	7.8	7.1	7.5	11.4	10.4	10.8
17	7.4	6.5	7.1	8.7	7.8	8.4	8.1	7.4	7.8	11.6	10.6	11.1
18	7.6	6.7	7.2	8.6	8.0	8.4	8.3	7.5	8.0	11.7	10.7	11.2
19	7.6	7.0	7.4	8.7	7.9	8.4	8.2	7.4	7.9	11.6	10.9	11.2
20	7.8	6.8	7.3	8.7	7.7	8.4	8.4	7.4	8.0	11.3	10.7	11.1
21	7.7	6.8	7.3	8.8	7.9	8.5	8.4	7.8	8.1	11.2	10.5	10.9
22	7.5	6.6	7.2	8.7	8.0	8.5	8.5	7.7	8.2	11.3	10.5	10.9
23	7.5	6.7	7.2	8.7	7.9	8.4	8.7	7.9	8.4	11.2	10.1	10.7
24	7.4	6.5	7.1	8.6	7.7	8.3	8.8	8.2	8.6	10.6	9.8	10.2
25	7.4	6.6	7.1	8.6	7.7	8.2	8.9	8.4	8.7	10.5	9.4	9.9
26	7.7	6.4	7.2	8.5	7.6	8.2	9.2	8.3	8.8	10.0	9.3	9.6
27	7.9	7.0	7.5	8.4	7.4	8.1	9.5	9.0	9.2	9.5	8.9	9.3
28	8.1	7.3	7.8	8.2	7.3	7.8	9.7	9.2	9.4	9.5	9.0	9.2
29	8.3	7.5	8.0	8.1	7.3	7.7	9.8	9.3	9.5	9.5	8.7	9.1
30	8.2	7.5	7.9	7.9	7.2	7.5	9.8	9.3	9.6	9.2	8.7	9.0
31	8.1	7.6	7.9	---	---	---	9.7	8.1	9.1	9.2	8.4	8.9
MONTH	8.3	5.8	7.2	8.9	6.6	8.0	9.8	6.7	8.0	11.7	8.2	10.1
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	8.9	8.0	8.7	10.4	9.6	10.0	7.5	6.9	7.3	7.0	5.9	6.4
2	8.9	8.2	8.6	10.0	9.5	9.8	7.4	6.7	7.1	7.4	6.2	6.7
3	8.8	8.1	8.5	9.8	9.3	9.5	7.3	6.6	7.1	7.6	6.7	7.0
4	8.7	8.0	8.4	9.7	9.3	9.5	7.4	6.9	7.1	7.5	6.7	7.1
5	9.0	8.5	8.7	10.0	9.4	9.7	7.6	7.0	7.3	7.4	6.8	7.1
6	9.1	8.6	8.9	10.1	9.5	9.8	7.5	6.9	7.2	7.4	6.7	7.1
7	9.1	8.5	8.9	10.1	9.5	9.8	7.6	6.8	7.3	7.4	6.5	7.1
8	9.1	8.6	8.9	10.1	9.4	9.8	7.8	7.1	7.5	7.4	6.4	7.0
9	9.3	8.7	9.0	10.2	9.4	9.9	8.4	7.3	7.8	---	---	---
10	9.6	9.0	9.4	10.3	9.5	9.9	8.8	7.3	8.0	---	---	---
11	9.8	9.1	9.4	10.2	9.3	9.8	8.5	7.6	8.0	---	---	---
12	10.0	9.3	9.6	10.0	9.1	9.6	7.9	7.1	7.6	---	---	---
13	9.9	9.2	9.6	9.7	8.8	9.3	7.8	7.0	7.5	---	---	---
14	9.9	9.2	9.6	9.6	8.6	9.1	7.8	6.9	7.4	---	---	---
15	10.0	9.4	9.7	9.7	8.6	9.1	7.6	6.7	7.3	---	---	---
16	10.0	9.3	9.7	9.5	8.4	9.0	8.1	6.9	7.4	---	---	---
17	10.2	9.4	9.8	9.3	8.2	8.7	8.0	6.6	7.3	---	---	---
18	10.2	9.3	9.8	9.1	7.9	8.5	7.8	6.5	7.3	---	---	---
19	10.3	9.6	10.0	8.7	7.7	8.3	7.3	6.4	7.0	---	---	---
20	10.1	9.4	9.9	8.5	7.6	8.1	7.1	6.1	6.8	---	---	---
21	10.1	9.4	9.9	8.1	7.1	7.6	6.8	6.0	6.5	---	---	---
22	10.0	9.4	9.8	7.8	7.0	7.5	6.6	5.7	6.2	---	---	---
23	10.1	9.3	9.7	7.9	7.0	7.5	6.4	5.4	6.0	7.3	6.6	7.0
24	10.1	9.2	9.7	8.0	7.1	7.6	6.2	5.6	5.9	7.4	6.8	7.0
25	10.1	9.3	9.8	8.1	7.3	7.8	6.5	5.7	6.0	7.4	6.6	7.0
26	10.2	9.2	9.8	8.2	7.3	7.8	6.4	5.5	6.0	7.3	6.5	6.9
27	10.3	9.4	9.9	7.9	7.2	7.6	6.5	5.7	6.1	7.1	6.4	6.7
28	10.5	9.5	10.1	7.8	7.1	7.5	6.6	5.6	6.1	7.1	6.1	6.7
29	---	---	---	7.7	7.0	7.4	6.7	5.8	6.2	7.4	6.3	6.8
30	---	---	---	7.6	7.1	7.4	6.6	5.8	6.2	7.3	6.3	6.8
31	---	---	---	7.6	7.2	7.4	---	---	---	7.3	6.3	6.8
MONTH	10.5	8.0	9.4	10.4	7.0	8.7	8.8	5.4	7.0	---	---	---

## BROAD RIVER BASIN

02176611 BEAUFORT RIVER NEAR PORT ROYAL, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

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

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 September 2002.

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.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 56,000 ft<sup>3</sup>/s, Sep. 16, 2001; minimum discharge,, -54,000 ft<sup>3</sup>/s, July 21, 2001.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 54,600 ft<sup>3</sup>/s, Sep. 7; minimum discharge, -49,900 ft<sup>3</sup>/s, Aug. 9.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	---	---	---	---	44000	-38500	39600	-38900	38400	-36800	38300	-35400
2	---	---	---	---	41700	-39000	41500	-37900	38800	-37400	40400	-38300
3	---	---	---	---	43200	-38100	42700	-41000	39600	-36900	45000	-39900
4	---	---	---	---	39800	-40100	37300	-37900	36900	-37500	42000	-36800
5	---	---	---	---	39600	-37700	39700	-36600	37400	-35200	37700	-34700
6	---	---	---	---	41100	-38900	41100	-37200	35400	-34600	36800	-34900
7	---	---	---	---	40400	-34900	41100	-36300	37900	-32800	37800	-36100
8	---	---	---	---	41600	-34300	36800	-33800	34200	-30800	35900	-33400
9	---	---	---	---	37400	-36900	33700	-31900	32600	-30500	37500	-32300
10	---	---	---	---	35000	-29500	35200	-29500	33400	-29400	35100	-32100
11	---	---	41000	-32400	33600	-29600	34000	-30000	33200	-29800	37200	-33900
12	---	---	36300	-29700	31300	-27100	33200	-30000	33300	-28800	35300	-38100
13	---	---	33900	-29500	27100	-24900	32700	-30000	33200	-30900	40600	-41000
14	---	---	33000	-28400	28200	-27300	37800	-31900	36500	-32500	42100	-44300
15	---	---	30000	-26500	33800	-34900	33700	-34900	44000	-40600	47900	-44400
16	---	---	34100	-31900	34100	-32800	37800	-36500	43900	-44500	56000	-52000
17	---	---	36700	-35200	36300	-38200	41200	-39600	49100	-46800	54600	-51700
18	---	---	37300	-35800	41300	-38900	43400	-42900	54300	-47400	51800	-49500
19	---	---	39800	-40900	43300	-43300	46500	-46000	49700	-49700	49500	-46100
20	---	---	41600	-42300	47400	-43800	49100	-50800	49500	-49200	44400	-42200
21	---	---	43600	-45100	47200	-47300	51000	-54000	50100	-45700	43400	-39400
22	---	---	47000	-44900	48100	-47000	51600	-52100	50000	-42900	40700	-36600
23	---	---	47200	-49600	48100	-45700	54700	-46500	45000	-39100	37400	-35000
24	---	---	46600	-48000	46800	-44800	51500	-44500	38700	-37000	33900	-33300
25	---	---	47300	-46500	47400	-44400	48000	-39800	37900	-33600	30300	-30100
26	---	---	46700	-44800	44900	-39900	41900	-36500	39100	-36100	29200	-30100
27	---	---	46600	-43700	41200	-38400	37800	-36300	34000	-35700	30100	-31300
28	---	---	44200	-40600	42200	-38400	36200	-37700	31900	-33100	32300	-32000
29	---	---	44700	-40100	39500	-37300	38700	-36700	36100	-34500	34900	-33900
30	---	---	39800	-41900	40100	-38800	39900	-35600	36600	-34400	39700	-36100
31	---	---	39400	-38200	---	---	38400	-37400	37300	-35700	---	---
MONTH	---	---	---	---	48100	-47300	54700	-54000	54300	-49700	56000	-52000

## BROAD RIVER BASIN

02176635 BATTERY CREEK AT PORT ROYAL, SC--Continued

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

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
1	39400	-38800	39600	-38300	39500	-39600	40700	-38400	44400	-39100	44900	-44600				
2	39800	-39700	38900	-39000	40400	-38400	43900	-37800	37900	-38900	48600	-41100				
3	38000	-41000	39300	-36100	42900	-39700	45100	-41900	36700	-35300	40400	-36000				
4	37200	-39500	38000	-33600	42100	-39500	35600	-34300	35500	-31700	37700	-29900				
5	37800	-36900	36200	-34700	42800	-36400	36200	-35300	30600	-30000	33000	-28800				
6	35600	-33800	40300	-35600	40100	-37300	33300	-32800	32500	-31600	31100	-29200				
7	35700	-31600	38300	-34200	39100	-36100	26900	-28700	32800	-33400	30500	-28100				
8	37000	-33800	39200	-34800	39100	-34700	26400	-26600	27200	-32400	28500	-28900				
9	35500	-33400	37000	-35900	37000	-36400	28800	-32600	32600	-33300	31000	-28400				
10	36900	-35300	38100	-38300	37700	-38300	30200	-28200	37300	-35400	32700	-28200				
11	38000	-36600	39600	-37600	42000	-39200	31500	-31900	31700	-30900	33300	-32700				
12	38800	-38100	43100	-40900	41900	-39500	34100	-35000	35400	-33200	35800	-35100				
13	44000	-42200	46700	-43600	43200	-41500	33500	-30600	34600	-34100	35100	-37500				
14	45400	-44300	47300	-44400	41400	-39900	34600	-33800	30900	-33800	34000	-33400				
15	48500	-45200	46400	-42900	37400	-36000	27900	-30700	33400	-32800	35700	-35400				
16	50500	-48000	46700	-43200	39600	-36900	32200	-29400	31500	-30500	33700	-33500				
17	48300	-44300	42400	-37800	38000	-33300	25700	-26500	27300	-26400	36600	-33600				
18	45300	-42600	40000	-35100	32000	-30000	23800	-23300	27100	-25100	32200	-31700				
19	45900	-41700	36100	-34300	33600	-29600	23400	-25000	26200	-24700	32800	-32400				
20	42300	-38200	34300	-30200	28200	-27200	23200	-25100	24800	-25900	32400	-29100				
21	41200	-35700	34400	-29700	27200	-23200	22200	-24500	26200	-25900	28500	-27800				
22	36100	-31800	29900	-28100	27300	-26000	24200	-23200	29200	-28500	33000	-27100				
23	32200	-30200	27100	-25700	27000	-26400	27200	-23100	30100	-30200	29500	-28200				
24	28200	-30200	26600	-27200	25900	-26100	30000	-26600	34000	-36700	33300	-34300				
25	25000	-26900	30000	-28300	24400	-25600	30900	-31400	42300	-43300	36000	-38700				
26	22600	-21900	30100	-30300	31700	-32100	37900	-36600	44300	-44400	42700	-40900				
27	29800	-27500	31100	-31500	32600	-33700	43300	-42100	42400	-39000	46600	-43700				
28	35100	-31900	35900	-36400	34700	-35800	42100	-42700	45100	-44700	49500	-48600				
29	34500	-34700	36200	-38300	36600	-39300	42100	-40900	---	---	51900	-48900				
30	36500	-36700	40700	-37900	39300	-39100	43400	-42300	---	---	50600	-48200				
31	37700	-37300	---	---	38900	-40800	43800	-43700	---	---	50400	-45000				
MONTH	50500	-48000	47300	-44400	43200	-41500	45100	-43700	45100	-44700	51900	-48900				
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
1	45300	-38500	---	---	29600	-28700	32200	-29300	31900	-30800	35300	-30800				
2	40900	-36000	---	---	29600	-28700	31800	-27700	36300	-33500	38300	-35300				
3	38000	-30600	---	---	29100	-30100	31000	-28700	36900	-35400	43900	-39300				
4	---	---	---	---	32000	-31400	33600	-33700	34700	-37200	46400	-39200				
5	---	---	---	---	31800	-32900	34800	-34300	40800	-39200	47600	-45300				
6	29900	-29600	---	---	31100	-33600	39200	-37500	43600	-42300	52000	-49500				
7	---	---	---	---	35300	-34700	40300	-40300	47900	-45900	54600	-49500				
8	31100	-32500	---	---	38500	-39300	41300	-39300	48400	-48200	52300	-47500				
9	30800	-28600	33900	-34800	40700	-40400	39500	-41000	49100	-49900	53200	-45800				
10	32400	-32600	36300	-33700	40700	-42000	43700	-42800	49100	-46400	48400	-44200				
11	34900	-33500	38800	-38600	42400	-41500	44900	-42600	49100	-44600	44900	-41900				
12	---	---	38900	-38700	41100	-39500	45300	-46300	48900	-40400	44800	-39500				
13	---	---	39600	-38600	41100	-40900	46700	-45400	44900	-38500	39400	-42200				
14	---	---	40800	-39800	41500	-40300	45700	-41700	45600	-37000	37900	-34400				
15	---	---	39100	-37600	48900	-41800	43600	-37000	40200	-34700	36000	-32000				
16	---	---	36400	-34100	40100	-38800	39200	-35900	38200	-33200	34300	-31200				
17	---	---	35300	-34900	38200	-38800	38500	-36400	38400	-35100	36200	-35300				
18	34000	-31000	35200	-36200	38900	-37400	40000	-37500	36500	-34900	41700	-37600				
19	32100	-30400	33800	-31600	38700	-38700	40500	-38700	42800	-37800	39700	-39500				
20	29000	-29700	38300	-34900	41300	-39000	51500	-40500	40800	-36300	42600	-39900				
21	33400	-30800	38800	-38000	42200	-40100	43300	-43100	40700	-37700	40100	-38200				
22	35300	-33300	40700	-40400	49100	-45200	40500	-40500	40600	-38100	39000	-38000				
23	40400	-38100	48000	-44300	46300	-42500	39400	-40800	38300	-35700	39100	-38700				
24	44500	-41900	47800	-47100	44200	-42600	38800	-37900	38300	-34400	37600	-36400				
25	47100	-44000	46900	-45500	44200	-41100	40800	-39000	38300	-35700	36900	-36500				
26	50700	-49300	46100	-45400	42200	-38200	41300	-37200	37100	-33400	37000	-35100				
27	49200	-47600	44600	-42800	41400	-36100	36900	-30900	32900	-31000	32900	-32500				
28	49000	-44500	45000	-43100	37700	-30400	33200	-30500	34100	-30600	36500	-30900				
29	46900	-41400	42500	-40200	33600	-30400	31600	-30400	37100	-30900	35800	-31600				
30	42200	-37900	40000	-35400	29700	-27300	30100	-27200	37400	-31500	35000	-34600				
31	---	---	34500	-31900	---	---	30200	-29400	36700	-29400	---	---				
MONTH	---	---	---	---	49100	-45200	51500	-46300	49100	-49900	54600	-49500				

02176635 BATTERY CREEK AT PORT ROYAL, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--October 1998 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1998 to current year.

WATER TEMPERATURE: October 1998 to current year.

DISSOLVED OXYGEN: October 1998 to current year.

INSTRUMENTATION.--Hydrolab and data collection platform.

REMARKS.--Specific conductance records rated excellent. Temperature records rated excellent. Dissolved oxygen records rated poor except Dec. 13 to Mar. 26, May 30 to June 19, July 10 to July 23, Aug. 6 to Aug. 22, and Aug. 29 to Sep. 30, which are fair. 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, 54,800 microsiemens, May 22, 23, June 5-7, 9; minimum, 45,500 microsiemens Sep. 4.

WATER TEMPERATURE: Maximum, 32.9°C, July 30; minimum, 7.3°C, Jan. 4.

DISSOLVED OXYGEN: Maximum, 11.4 mg/L, Jan. 18; minimum, 3.0 mg/L, Aug. 23.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	51200	50600	50900	53600	53100	53300	53400	53100	53300	53600	53100	53400
2	51300	50700	51000	53300	53000	53100	53400	53100	53300	53600	53100	53300
3	51700	50900	51400	53200	52900	53000	53600	53200	53400	53400	53200	53300
4	51700	51000	51400	53000	52800	53000	53700	53300	53500	53500	53200	53400
5	51300	51000	51200	53300	52900	53100	53700	53300	53500	53500	53200	53300
6	51400	51100	51200	53500	53200	53400	53600	53200	53400	53300	52700	53100
7	51600	51200	51400	53600	53300	53500	53600	53300	53400	53100	52800	52900
8	51800	51500	51600	53700	53400	53500	53600	53200	53400	53200	52900	53100
9	52100	51800	51900	53700	53400	53500	53300	53100	53200	53200	52800	53000
10	52200	51800	52000	53800	53100	53600	53400	52900	53200	53000	52700	52800
11	52200	51900	52100	53800	53300	53600	53200	52900	53100	52900	52500	52700
12	52300	51900	52100	---	---	---	53200	53000	53100	52800	52100	52600
13	52300	52000	52100	---	---	---	53200	52600	52900	52400	51500	52100
14	52300	51500	52000	---	---	---	52700	52400	52600	52300	51500	52000
15	51900	51500	51700	---	---	---	52600	52300	52500	52100	51200	51700
16	52000	51600	51800	53600	53400	53500	52600	52500	52600	52100	51200	51700
17	52300	51900	52000	53700	53400	53500	52600	52500	52600	52000	51200	51700
18	52400	52100	52200	53700	53400	53500	52500	52300	52400	52000	51200	51600
19	52500	52200	52300	53600	53400	53500	52600	52300	52500	52000	51100	51600
20	52500	52100	52200	53800	53300	53600	52700	52500	52600	51800	51100	51500
21	52400	52000	52200	54000	53600	53700	52800	52500	52700	51800	51000	51500
22	52300	51900	52100	53900	53500	53700	52900	52500	52800	51800	51100	51500
23	52200	51800	52000	53800	53500	53600	53000	52600	52800	51800	50900	51400
24	52100	51700	51900	53600	53400	53500	53000	52400	52700	---	---	---
25	52000	51800	51900	53500	53300	53400	53200	52600	52900	---	---	---
26	52600	51900	52200	53400	53200	53300	53500	52800	53100	---	---	---
27	53100	52400	52600	53500	53200	53300	53700	53000	53300	---	---	---
28	53500	52800	53100	53500	53200	53400	53800	53100	53400	---	---	---
29	53600	53000	53300	53500	53200	53400	53700	53100	53400	---	---	---
30	53600	53200	53400	53500	53200	53300	53600	53000	53300	52600	52000	52300
31	53700	53200	53400	---	---	---	53600	53100	53300	52500	51900	52200
MONTH	53700	50600	52000	---	---	---	53800	52300	53000	---	---	---



## BROAD RIVER BASIN

02176635 BATTERY CREEK AT PORT ROYAL, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	52400	51800	52100	52000	51600	51800	51000	50600	50800	---	---	---
2	52400	51900	52100	51800	50900	51400	51100	50600	50800	---	---	---
3	52400	52200	52300	51200	50100	50700	51000	50600	50800	---	---	---
4	52700	52400	52500	51000	50200	50700	51200	50800	51000	---	---	---
5	53100	52600	52900	51200	50600	50900	51400	51100	51300	---	---	---
6	53200	52800	53000	51200	50700	51000	51700	51300	51500	---	---	---
7	53000	52000	52500	51200	50700	51000	51900	51400	51600	---	---	---
8	52600	52000	52400	51200	50600	50900	52000	51600	51800	---	---	---
9	52700	51900	52300	51100	50600	50900	52000	51600	51800	53100	51700	52500
10	52600	51800	52200	51100	50600	50800	52100	51300	51700	52700	51600	52200
11	52300	51600	52000	51200	50700	51000	51700	51200	51500	52900	51100	52400
12	52200	51600	51900	51200	51000	51100	51700	51400	51600	53000	51700	52400
13	52200	51600	51900	51100	50500	50900	51600	51200	51500	53000	52000	52400
14	52200	51700	51900	51100	50500	50800	51600	51300	51400	53300	52200	52700
15	52200	51700	52000	51000	50500	50800	---	---	---	53800	52100	52800
16	52000	51600	51900	50900	50400	50700	---	---	---	53800	52200	53100
17	52000	51600	51800	50800	50300	50600	---	---	---	54400	52500	53700
18	52000	51800	51900	50800	50300	50600	---	---	---	54400	53000	53600
19	52100	51800	51900	50800	50400	50600	51400	51100	51300	54000	53100	53600
20	52000	51600	51800	50700	50400	50600	51600	51100	51300	54300	53200	53800
21	51900	51200	51500	50700	50300	50600	51700	51100	51400	54400	53400	53900
22	51800	51200	51500	50800	50600	50700	52000	51100	51500	54800	53600	54200
23	51700	51300	51500	51000	50800	50900	52200	51200	51600	54800	53500	54300
24	51800	51300	51600	51100	50900	51000	52200	51200	51700	54600	53300	54100
25	51800	51400	51600	51100	50900	51000	52200	51200	51700	54500	53100	53900
26	51700	51300	51500	51400	50700	51100	52200	51300	51800	54200	52700	53600
27	51900	51400	51600	51100	50700	50900	52300	51500	51900	54000	53000	53600
28	52100	51800	51900	51200	50900	51000	52300	51400	51800	53800	52800	53500
29	---	---	---	51200	51000	51100	52000	51300	51800	53800	52900	53400
30	---	---	---	51200	50900	51100	52200	51500	52000	53600	52800	53200
31	---	---	---	51100	50900	51000	---	---	---	53600	52200	53200
MONTH	53200	51200	52000	52000	50100	50900	---	---	---	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	52800	52100	52500	51000	49000	50000	50700	49300	50100	---	---	---
2	52800	51900	52400	51300	49300	50400	50700	49600	50200	---	---	---
3	52700	51200	52100	51300	49900	50600	50700	50000	50400	---	---	---
4	54300	52400	53600	51400	50100	50700	50800	50000	50500	48700	45500	47300
5	54800	53800	54300	51500	50200	50900	50700	50000	50300	48900	45900	47400
6	54800	53700	54300	51500	50500	51000	50900	50000	50500	---	---	---
7	54800	53600	54200	51400	50700	51100	51300	50300	50800	---	---	---
8	54600	53400	54000	51500	50700	51100	51700	50900	51200	49500	47000	48200
9	54800	53300	54100	51200	50500	51000	51900	51300	51500	49700	47100	48400
10	54700	53200	54000	51200	50700	51000	52300	51500	51800	50000	47200	48300
11	54600	53200	53900	51200	50100	51000	52400	51800	52000	49600	47200	48500
12	54500	53100	53900	51200	49800	50600	52500	51900	52200	49800	47900	48800
13	54400	52700	53800	51200	50400	50800	52500	51900	52100	49600	48200	48900
14	54300	52700	53700	51300	50600	50900	52300	52000	52100	49600	47300	48700
15	54200	52800	53600	51300	50600	51100	52300	52100	52200	49300	47500	48600
16	54400	52800	53700	51400	51000	51200	52400	52000	52200	48400	47700	48100
17	54400	52800	53600	51500	51000	51300	52400	52100	52300	48600	47200	47900
18	54300	51600	53300	51700	51300	51600	52600	51800	52400	48800	47400	48000
19	54500	52800	53700	51900	51300	51800	52600	51800	52200	48500	47700	48000
20	54600	53300	53900	52000	49500	51600	52500	51900	52300	48300	47500	47700
21	54000	53000	53700	51300	49200	50500	52700	51900	52500	48300	46900	47700
22	53500	49300	51600	51400	49400	50500	52900	52600	52800	48400	47500	47900
23	51600	49300	50600	51300	48000	50100	53000	52800	52900	48400	46700	47600
24	51500	49700	50700	51200	48000	49800	53200	52800	53100	48300	46800	47600
25	51200	47600	50100	51200	48200	49900	53300	52600	53000	48400	47500	47900
26	51000	47800	49600	51100	48600	50000	53000	52400	52700	48400	47100	47700
27	51000	47800	49300	51100	48300	50100	52600	51500	52200	48200	46600	47300
28	50900	48100	49400	51100	48600	50100	52200	50200	51700	48300	46500	47300
29	51000	48300	49600	51100	49100	50100	---	---	---	48200	45800	47100
30	51000	48700	49900	51300	49700	50400	---	---	---	48200	45900	46900
31	---	---	---	51100	49400	50400	---	---	---	---	---	---
MONTH	54800	47600	52600	52000	48000	50700	---	---	---	---	---	---

BROAD RIVER BASIN

02176635 BATTERY CREEK AT PORT ROYAL, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	22.6	21.7	22.1	18.7	17.3	18.0	20.7	19.3	20.0	11.7	10.8	11.2
2	22.8	21.6	22.2	20.1	18.3	18.9	20.5	19.4	20.0	11.3	9.4	10.4
3	23.3	22.0	22.5	20.9	19.0	19.7	19.9	18.9	19.3	10.2	8.0	9.0
4	24.0	22.4	23.0	21.2	19.5	20.2	19.0	18.3	18.7	9.0	7.3	8.3
5	24.4	23.0	23.5	20.2	19.4	19.8	19.4	18.5	18.9	8.9	7.4	8.3
6	24.5	23.5	23.9	19.4	18.2	18.7	19.6	18.7	19.1	9.7	8.3	9.0
7	23.8	22.9	23.2	18.7	17.6	18.3	19.9	19.1	19.4	9.4	8.6	8.9
8	23.1	21.9	22.4	18.6	17.5	18.2	19.9	19.3	19.6	8.8	7.6	8.3
9	22.3	20.6	21.5	18.6	17.7	18.3	20.2	19.6	19.8	8.4	7.4	8.0
10	21.7	20.6	21.3	18.5	17.5	18.2	20.1	18.2	19.1	8.8	7.9	8.4
11	21.9	20.8	21.5	18.4	17.6	18.1	18.7	17.6	18.1	9.8	8.8	9.2
12	22.1	21.5	21.9	18.2	17.1	17.9	18.1	17.3	17.7	10.1	9.4	9.7
13	22.6	21.9	22.2	17.3	16.6	17.0	18.2	17.4	17.9	10.5	9.7	10.0
14	23.0	22.3	22.6	16.8	16.3	16.6	18.9	18.1	18.4	10.2	9.8	10.0
15	22.9	22.3	22.6	16.7	16.2	16.4	19.5	18.6	19.0	10.9	9.8	10.2
16	23.2	22.0	22.4	17.1	16.2	16.5	18.8	18.3	18.5	11.0	9.9	10.4
17	22.0	20.8	21.3	17.3	16.4	16.7	18.9	18.0	18.4	11.6	10.2	10.7
18	20.8	20.2	20.4	17.6	16.6	17.0	18.9	18.4	18.6	11.9	10.5	11.0
19	21.0	19.6	20.2	18.2	16.8	17.3	18.5	18.0	18.2	13.3	10.9	11.8
20	22.1	20.4	21.0	18.3	17.1	17.7	18.2	17.2	17.5	13.3	11.6	12.5
21	22.7	21.0	21.6	17.8	17.0	17.4	17.4	16.0	16.6	13.2	11.7	12.4
22	23.5	21.7	22.3	17.3	16.5	17.0	16.7	15.2	16.0	13.3	11.7	12.3
23	24.4	22.2	23.0	17.4	16.8	17.2	16.2	14.9	15.8	14.7	11.8	12.9
24	24.8	22.7	23.6	18.8	17.3	17.7	16.2	15.2	15.7	---	---	---
25	24.5	23.3	23.9	19.2	17.8	18.4	15.6	13.5	14.7	---	---	---
26	24.3	21.4	22.7	19.7	18.1	18.8	14.6	11.7	13.4	---	---	---
27	21.6	19.0	20.6	19.9	18.4	19.1	13.1	10.6	12.0	---	---	---
28	19.8	17.1	18.7	19.9	18.6	19.3	12.3	10.5	11.5	---	---	---
29	18.4	16.6	17.6	20.3	18.8	19.5	12.4	10.6	11.7	---	---	---
30	17.8	16.5	17.3	20.5	19.1	19.8	12.5	11.4	11.8	16.9	14.0	15.3
31	17.8	16.5	17.3	---	---	---	12.2	11.2	11.6	17.8	14.6	16.1
MONTH	24.8	16.5	21.6	21.2	16.2	18.1	20.7	10.5	17.0	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	18.9	15.4	17.0	12.4	11.4	11.8	22.7	21.0	21.7	---	---	---
2	18.3	16.0	17.3	12.8	11.7	12.2	23.6	21.1	22.0	---	---	---
3	16.8	15.6	16.3	14.2	12.5	13.2	24.5	21.6	22.8	---	---	---
4	16.0	14.9	15.3	13.1	12.0	12.7	23.3	22.2	22.7	---	---	---
5	14.9	12.8	13.6	12.3	10.8	11.6	22.3	20.9	21.5	---	---	---
6	13.5	12.2	12.8	13.0	11.2	12.0	21.7	20.4	20.9	---	---	---
7	13.1	12.4	12.8	14.1	11.9	12.7	20.8	19.4	20.1	---	---	---
8	12.7	11.7	12.4	15.4	12.5	13.6	20.2	19.5	19.9	---	---	---
9	12.8	12.1	12.5	16.4	13.4	14.6	21.0	20.0	20.5	26.8	25.5	26.1
10	13.7	12.8	13.1	16.5	14.1	15.4	21.1	20.6	20.8	27.5	25.8	26.5
11	14.0	13.2	13.6	16.4	14.2	15.0	21.0	20.5	20.7	27.9	26.3	27.0
12	14.2	13.2	13.6	15.4	14.2	14.9	21.7	20.4	20.9	28.2	26.5	27.2
13	13.7	13.2	13.4	16.5	14.6	15.5	22.2	20.9	21.4	28.1	26.7	27.3
14	13.7	12.9	13.2	17.7	15.1	16.1	23.2	21.2	22.0	27.3	26.2	26.8
15	13.5	12.8	13.1	18.7	15.8	17.0	---	---	---	26.9	25.6	26.1
16	14.2	13.1	13.5	19.9	16.7	17.9	---	---	---	27.0	25.3	25.9
17	14.2	13.1	13.6	21.2	17.5	18.9	---	---	---	27.1	25.5	26.0
18	13.9	12.8	13.2	22.0	18.0	19.8	---	---	---	26.6	25.5	26.0
19	14.4	12.7	13.2	22.5	18.6	20.4	27.4	24.2	25.7	25.5	22.4	23.7
20	15.3	13.1	13.9	23.0	19.1	20.8	27.5	24.4	25.8	23.2	20.7	22.2
21	16.2	13.8	14.9	22.0	19.8	20.9	27.6	24.6	26.1	22.7	21.1	22.1
22	15.6	14.1	14.8	20.3	19.2	19.8	27.0	25.0	26.0	22.2	20.8	21.6
23	15.4	14.1	14.5	19.5	18.5	18.9	26.7	24.5	25.1	21.9	20.9	21.5
24	14.4	13.3	13.7	19.5	18.0	18.8	25.2	24.1	24.7	23.1	21.6	22.3
25	14.0	13.2	13.6	20.0	18.2	19.1	25.5	24.0	24.7	24.4	22.3	23.2
26	14.9	13.5	14.1	20.8	18.6	19.8	25.2	23.9	24.5	25.5	23.2	24.1
27	14.7	12.4	13.7	21.3	19.4	20.3	24.3	23.5	23.9	26.1	23.8	24.7
28	12.4	11.6	12.0	20.9	19.1	20.1	25.5	23.6	24.3	26.8	24.2	25.2
29	---	---	---	21.4	19.0	20.1	26.2	24.3	25.0	27.4	24.7	25.6
30	---	---	---	22.2	19.8	20.8	24.8	23.8	24.3	27.7	24.8	26.1
31	---	---	---	22.8	20.6	21.5	---	---	---	28.9	25.6	26.9
MONTH	18.9	11.6	13.9	23.0	10.8	17.0	---	---	---	---	---	---

## BROAD RIVER BASIN

02176635 BATTERY CREEK AT PORT ROYAL, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	29.5	26.5	27.6	30.7	28.4	29.3	31.3	30.5	31.0	27.7	26.7	27.3
2	29.8	27.0	28.1	30.9	29.0	29.7	31.0	30.4	30.6	27.6	26.9	27.3
3	30.3	27.6	28.7	30.9	29.2	29.9	30.8	29.8	30.3	27.7	26.8	27.3
4	29.8	28.2	29.0	31.0	29.4	30.0	30.3	29.4	29.9	28.2	27.4	27.7
5	29.7	28.6	29.1	31.1	29.7	30.3	29.8	29.0	29.5	28.9	27.8	28.3
6	29.6	28.7	29.0	31.0	29.6	30.1	30.4	29.5	29.9	29.3	28.1	28.6
7	29.4	28.6	28.9	30.3	29.4	29.8	30.4	29.1	29.6	29.1	27.9	28.4
8	28.7	27.7	28.2	29.8	29.2	29.4	29.1	28.5	28.8	29.1	27.7	28.3
9	27.8	27.2	27.5	30.2	29.1	29.6	29.0	28.0	28.4	29.2	27.7	28.4
10	28.3	27.0	27.5	30.6	29.3	29.8	29.2	27.7	28.3	29.2	27.6	28.3
11	28.6	27.2	27.7	30.9	29.3	29.9	30.1	27.9	28.6	29.6	27.8	28.4
12	29.5	27.5	28.2	29.7	29.1	29.4	30.3	28.2	29.0	29.4	28.2	28.7
13	30.4	28.0	28.9	30.3	28.7	29.2	29.1	28.1	28.7	28.8	28.3	28.5
14	30.6	28.5	29.3	30.9	29.1	29.6	29.5	28.1	28.6	28.7	28.1	28.4
15	30.3	28.5	29.2	31.7	29.5	30.2	30.3	28.5	29.1	28.5	27.9	28.1
16	30.0	28.3	28.9	32.4	29.8	30.8	30.7	29.1	29.7	28.3	27.4	27.9
17	29.4	28.3	28.7	32.6	30.5	31.4	30.8	29.6	30.0	28.5	27.9	28.2
18	28.8	28.0	28.3	32.3	31.1	31.6	30.7	29.7	30.1	28.7	28.2	28.4
19	28.1	27.3	27.8	32.3	31.1	31.6	30.3	29.5	29.8	28.5	28.1	28.3
20	28.0	27.1	27.6	32.3	30.9	31.6	30.1	29.4	29.8	28.1	27.7	27.9
21	27.4	26.1	26.8	31.1	30.3	30.7	30.9	29.5	30.0	28.6	27.4	27.9
22	26.3	25.2	25.9	30.6	30.0	30.3	31.2	29.6	30.2	29.1	27.7	28.1
23	26.4	25.4	26.0	30.1	29.3	29.8	31.4	29.8	30.4	29.1	27.9	28.3
24	27.1	26.2	26.6	29.7	29.0	29.3	31.6	29.9	30.6	28.4	27.8	28.1
25	26.9	26.5	26.7	30.4	28.8	29.5	31.7	30.1	30.7	27.8	27.0	27.2
26	27.8	26.4	27.0	31.3	29.4	30.1	30.6	29.9	30.3	28.2	26.7	27.4
27	28.7	26.9	27.6	31.6	29.7	30.4	30.0	29.2	29.6	28.9	27.3	27.9
28	30.0	27.4	28.3	32.3	30.0	30.8	29.5	28.6	29.1	29.1	27.8	28.3
29	29.5	27.9	28.5	32.8	30.4	31.2	29.2	28.0	28.6	28.5	27.8	28.2
30	30.4	28.0	28.8	32.9	30.7	31.4	28.7	27.5	27.9	27.8	27.2	27.6
31	---	---	---	32.8	30.6	31.4	27.9	27.0	27.5	---	---	---
MONTH	30.6	25.2	28.0	32.9	28.4	30.3	31.7	27.0	29.5	29.6	26.7	28.1

02176635 BATTERY CREEK AT PORT ROYAL, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.4	6.3	6.9	8.3	7.1	7.9	8.1	6.8	7.4	9.8	8.8	9.2			
2	7.6	6.1	6.8	8.1	7.2	7.8	7.9	5.9	7.0	10.0	9.0	9.4			
3	7.4	5.9	6.8	8.0	6.9	7.6	7.1	5.5	6.4	10.2	9.2	9.7			
4	7.7	5.9	7.0	8.2	6.9	7.7	7.5	5.3	6.5	10.7	9.6	10.0			
5	8.0	5.6	6.6	8.3	6.9	7.8	7.5	5.4	6.5	10.9	9.7	10.3			
6	6.6	5.0	5.7	8.6	7.3	8.0	7.4	5.3	6.3	10.5	9.7	10.2			
7	6.8	4.8	5.8	8.8	7.6	8.1	7.3	5.2	6.3	10.5	9.7	10.1			
8	6.9	5.2	6.0	8.8	7.6	8.2	7.2	5.5	6.4	10.6	9.8	10.2			
9	6.9	5.7	6.2	8.7	7.6	8.2	6.8	5.2	6.2	10.5	9.7	10.2			
10	7.1	5.7	6.3	8.4	7.6	8.1	7.1	5.5	6.5	10.1	9.7	9.9			
11	6.6	5.7	6.1	8.5	7.5	8.0	7.2	5.5	6.4	10.1	9.6	9.9			
12	6.6	5.6	6.1	8.7	7.5	8.2	7.2	5.2	6.5	10.1	9.7	9.9			
13	6.5	5.5	6.0	9.1	7.8	8.6	7.2	5.4	6.6	10.3	9.6	9.9			
14	6.6	5.5	6.0	9.1	8.1	8.7	7.1	6.2	6.7	10.2	9.7	9.9			
15	---	---	---	9.1	8.2	8.5	7.2	6.1	6.7	10.5	9.5	10.0			
16	---	---	---	8.5	7.6	8.1	7.9	6.5	7.3	11.0	9.8	10.3			
17	---	---	---	8.7	7.6	8.2	8.2	7.2	7.6	11.3	10.2	10.7			
18	7.5	6.1	6.9	9.0	7.9	8.4	8.7	7.4	7.9	11.4	10.3	10.8			
19	8.1	6.6	7.3	9.3	8.1	8.6	8.8	7.4	8.0	11.3	10.3	10.7			
20	8.2	6.9	7.4	9.3	8.2	8.7	9.1	7.6	8.3	11.0	9.7	10.4			
21	8.1	6.8	7.4	9.5	8.4	8.9	9.3	7.7	8.4	10.8	9.6	10.2			
22	7.9	6.6	7.3	9.5	8.5	8.9	9.2	7.6	8.4	10.8	9.4	10.2			
23	7.6	6.3	7.1	9.1	8.2	8.7	8.9	7.7	8.3	10.7	9.2	10.0			
24	7.2	5.8	6.6	8.9	7.8	8.5	8.7	7.7	8.2	---	---	---			
25	6.9	5.5	6.2	8.8	7.5	8.3	8.5	7.8	8.2	---	---	---			
26	7.0	5.7	6.4	8.7	7.4	8.2	9.1	8.0	8.4	---	---	---			
27	7.5	5.9	6.7	8.6	7.4	8.1	9.2	8.5	8.8	---	---	---			
28	8.0	6.5	7.4	8.3	6.9	7.5	9.2	8.7	8.9	---	---	---			
29	8.2	7.0	7.7	8.1	6.8	7.4	9.3	8.7	9.0	---	---	---			
30	8.2	7.2	7.7	8.2	6.6	7.5	9.4	8.7	9.0	9.4	8.3	9.1			
31	8.3	6.9	7.8	---	---	---	9.4	8.7	9.1	9.3	8.3	9.0			
MONTH	---	---	---	9.5	6.6	8.2	9.4	5.2	7.5	---	---	---			
DAY	MAX	MIN	MEAN	FEBRUARY			MARCH			APRIL			MAY		
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	9.2	8.1	8.9	10.5	9.9	10.2	7.6	6.4	7.1	---	---	---			
2	9.2	8.0	8.8	10.2	9.6	9.9	7.6	6.1	6.9	---	---	---			
3	9.2	8.2	8.8	9.9	9.2	9.4	7.5	6.0	6.7	---	---	---			
4	9.4	8.3	8.9	10.0	9.0	9.5	7.3	6.1	6.7	---	---	---			
5	9.6	8.9	9.3	10.6	9.5	9.9	7.6	6.5	7.0	---	---	---			
6	9.7	9.1	9.4	10.7	9.7	10.1	7.8	6.6	7.1	---	---	---			
7	9.6	8.9	9.2	10.6	9.8	10.1	7.9	6.9	7.4	---	---	---			
8	9.5	9.0	9.3	10.3	9.8	10.0	7.8	7.0	7.4	---	---	---			
9	9.6	9.2	9.4	10.2	9.4	9.8	7.7	6.8	7.3	7.0	5.0	6.2			
10	9.7	9.1	9.5	10.1	9.1	9.6	7.6	6.1	6.9	7.1	5.0	6.2			
11	9.9	8.9	9.4	10.1	9.0	9.6	7.4	5.9	6.8	7.5	4.8	6.2			
12	10.1	9.3	9.7	9.9	8.8	9.4	7.5	5.7	6.9	7.3	4.7	6.1			
13	10.1	9.5	9.8	9.6	8.4	9.0	7.8	5.9	7.2	7.1	4.5	6.0			
14	10.4	9.5	9.9	9.6	8.2	8.9	7.8	6.1	7.3	7.7	4.4	6.4			
15	10.4	9.7	10.0	9.6	8.1	8.9	---	---	---	8.1	5.1	7.0			
16	10.6	9.7	10.1	9.6	7.9	8.8	---	---	---	7.6	5.6	6.8			
17	10.6	9.8	10.1	9.3	7.7	8.6	---	---	---	7.0	5.1	6.4			
18	10.8	9.8	10.2	9.2	7.5	8.5	---	---	---	6.7	4.8	6.1			
19	11.1	10.3	10.6	9.0	7.3	8.2	7.6	6.0	6.9	7.3	4.8	6.4			
20	10.7	10.2	10.4	8.6	7.1	7.9	7.5	5.9	6.7	7.8	5.7	7.0			
21	10.4	9.6	10.1	8.3	6.7	7.5	7.0	5.9	6.5	7.7	5.9	7.0			
22	10.4	9.5	10.0	8.4	6.6	7.6	6.8	5.3	6.1	7.9	6.5	7.3			
23	10.1	8.9	9.6	8.6	7.1	7.8	6.7	5.2	6.2	7.6	6.3	7.2			
24	10.0	9.0	9.6	8.7	7.4	8.0	6.8	5.2	6.3	7.5	5.7	6.9			
25	10.1	9.3	9.7	8.5	7.4	7.9	7.0	5.4	6.4	7.3	5.4	6.6			
26	10.1	9.2	9.7	8.2	7.2	7.6	7.3	5.3	6.5	7.1	4.9	6.2			
27	10.4	9.2	9.8	7.8	7.0	7.4	7.1	5.4	6.5	7.0	4.4	5.9			
28	10.6	9.7	10.2	7.9	6.7	7.4	7.1	5.1	6.4	7.0	4.3	5.9			
29	---	---	---	7.9	6.8	7.4	7.1	5.2	6.2	7.2	4.6	6.2			
30	---	---	---	8.0	6.9	7.5	6.6	4.9	6.0	7.3	4.9	6.3			
31	---	---	---	7.9	6.8	7.4	---	---	---	7.4	4.9	6.2			
MONTH	11.1	8.0	9.7	10.7	6.6	8.7	---	---	---	---	---	---			

## BROAD RIVER BASIN

02176635 BATTERY CREEK AT PORT ROYAL, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	7.2	4.7	6.1	7.0	4.8	5.7	5.7	4.6	5.2	5.8	4.5	5.2
2	6.8	4.7	6.0	7.6	5.1	6.0	5.8	4.2	5.0	5.8	4.7	5.4
3	6.7	4.6	5.9	7.5	5.0	6.3	6.1	4.1	5.2	6.2	4.6	5.4
4	6.6	4.5	5.9	7.6	4.9	6.3	5.7	4.5	5.3	6.1	4.6	5.4
5	6.4	4.4	5.7	7.5	4.3	5.8	5.7	4.1	5.0	5.8	4.6	5.1
6	6.4	4.3	5.6	7.2	4.3	5.8	6.1	4.1	4.9	5.8	4.2	4.9
7	6.3	4.2	5.5	7.1	4.1	5.6	6.6	4.2	5.2	6.1	4.3	5.3
8	6.9	4.3	5.9	7.0	4.6	5.9	6.6	4.7	5.5	6.6	4.8	5.7
9	7.4	5.2	6.4	6.6	4.2	5.5	6.6	4.9	5.7	6.7	4.8	5.7
10	7.5	5.4	6.6	6.9	4.0	5.5	6.8	5.0	5.7	6.8	4.6	5.8
11	7.4	5.3	6.5	7.0	4.7	5.7	7.1	4.8	5.6	7.2	5.3	6.0
12	7.3	4.9	6.3	5.9	4.5	5.1	7.3	4.9	5.7	7.2	5.3	6.1
13	7.2	4.6	6.2	5.8	3.6	4.8	6.2	4.9	5.4	6.4	4.9	5.8
14	7.0	4.6	6.1	6.2	3.8	5.0	6.1	4.6	5.3	6.0	4.7	5.5
15	7.3	4.5	6.1	7.1	4.2	5.3	6.4	4.6	5.4	5.9	4.3	5.3
16	7.2	4.8	6.2	7.4	4.6	5.5	6.0	4.7	5.3	5.9	4.4	5.1
17	6.7	4.9	5.8	7.0	4.9	5.6	5.7	4.4	5.0	5.9	4.1	5.0
18	6.1	3.9	5.0	6.1	4.9	5.4	5.5	4.2	4.8	5.8	3.8	4.7
19	6.0	3.9	5.1	5.8	4.3	5.1	5.8	3.9	4.6	5.8	3.9	4.7
20	5.9	4.1	5.2	5.6	4.0	4.7	5.6	3.7	4.5	5.7	3.9	4.8
21	6.1	4.5	5.2	5.7	4.1	4.9	5.7	3.6	4.4	5.8	3.9	5.0
22	6.4	4.8	5.7	5.5	4.0	4.6	5.4	3.4	4.2	6.0	4.2	5.2
23	6.3	5.1	5.7	5.2	3.7	4.3	5.2	3.0	4.2	5.8	4.2	5.3
24	6.3	4.9	5.5	5.0	3.2	4.1	5.6	3.5	4.6	6.1	4.2	5.4
25	6.1	4.8	5.4	5.6	3.4	4.4	5.5	3.6	4.7	6.1	4.6	5.5
26	6.0	4.4	5.2	6.1	3.9	4.8	5.2	3.6	4.5	6.3	4.3	5.5
27	5.8	4.5	5.2	6.5	4.4	5.1	4.8	3.6	4.4	7.2	5.0	6.1
28	6.6	4.5	5.4	6.7	4.3	5.2	5.1	3.7	4.7	7.1	5.1	6.0
29	6.7	4.8	5.5	6.7	4.4	5.2	5.6	4.4	5.1	6.1	4.8	5.6
30	7.0	5.0	5.7	6.6	4.3	5.3	5.4	4.6	5.0	6.0	4.2	5.3
31	---	---	---	6.8	4.6	5.5	5.3	4.0	4.9	---	---	---
MONTH	7.5	3.9	5.8	7.6	3.2	5.3	7.3	3.0	5.0	7.2	3.8	5.4



## BROAD RIVER BASIN

02176640 BEAUFORT RIVER AT PARRIS ISLAND, SC--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	18.98	9.39	14.37	19.97	9.75	15.08	---	---	---	20.06	11.88	15.83
2	18.57	9.65	14.55	19.99	10.57	15.49	---	---	---	19.55	11.98	15.47
3	18.84	10.92	15.12	19.32	10.10	14.83	---	---	---	18.57	11.73	15.18
4	18.58	10.26	14.31	18.90	10.16	14.35	---	---	---	18.56	12.56	15.93
5	18.04	11.25	14.82	18.18	11.17	14.80	---	---	---	18.93	12.88	16.11
6	18.58	11.87	15.33	18.54	11.74	15.07	---	---	---	19.02	12.79	16.16
7	---	---	---	18.49	11.88	15.26	---	---	---	18.78	12.18	15.92
8	---	---	---	18.57	12.12	15.43	---	---	---	18.72	11.81	15.68
9	18.66	11.08	15.22	18.74	11.63	15.35	---	---	---	19.09	11.55	15.66
10	18.99	11.19	15.16	18.64	11.30	15.22	---	---	---	19.17	11.42	15.59
11	18.12	10.65	14.58	19.03	11.51	15.76	---	---	---	19.64	11.57	15.68
12	18.65	10.87	14.94	19.41	11.82	15.95	---	---	---	19.79	11.50	15.88
13	18.53	10.85	14.89	19.23	11.46	15.45	---	---	---	19.51	11.06	15.57
14	18.71	11.27	15.27	18.76	11.11	15.18	---	---	---	19.80	10.70	15.32
15	18.64	11.58	15.49	18.82	11.05	15.27	---	---	---	19.69	11.90	15.73
16	18.21	11.16	15.10	18.64	10.82	15.13	---	---	---	19.46	11.93	15.68
17	17.55	11.00	14.54	18.95	11.20	15.15	19.29	11.99	15.63	19.34	11.53	15.53
18	17.86	11.87	14.99	18.84	11.68	15.42	19.25	12.15	15.55	19.30	11.55	15.29
19	17.98	11.94	15.04	19.27	12.32	15.69	19.12	12.20	15.57	19.24	13.05	16.26
20	18.14	12.05	15.15	19.29	12.66	15.97	18.91	12.29	15.54	20.03	13.01	16.60
21	17.98	11.90	14.73	18.86	12.81	15.84	19.27	12.48	15.92	20.00	12.30	16.46
22	18.13	11.90	15.02	19.47	12.71	16.16	19.26	11.54	15.76	20.42	12.60	16.84
23	---	---	---	19.37	12.75	16.19	20.00	11.93	16.29	20.85	12.07	16.72
24	---	---	---	19.60	11.87	16.06	20.28	11.46	16.47	20.71	10.88	16.18
25	---	---	---	19.74	11.29	15.96	20.49	11.13	16.31	20.58	10.50	15.85
26	---	---	---	---	---	---	21.33	10.36	16.21	20.59	10.75	15.79
27	---	---	---	---	---	---	21.04	11.11	16.29	20.60	11.13	15.87
28	---	---	---	---	---	---	20.44	10.33	15.80	20.78	11.64	16.11
29	---	---	---	---	---	---	20.06	10.51	15.30	20.63	12.52	16.44
30	---	---	---	---	---	---	20.17	11.25	15.80	20.33	12.59	16.30
31	---	---	---	---	---	---	---	---	---	19.96	12.63	16.14
MONTH	---	---	---	---	---	---	---	---	---	20.85	10.50	15.93
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	19.38	12.51	15.99	18.97	12.68	16.11	19.37	13.29	16.42	19.55	13.67	16.61
2	18.96	12.54	16.00	18.95	12.88	16.21	19.93	13.45	16.81	20.24	13.65	16.93
3	19.07	12.77	16.35	18.92	12.87	16.14	19.96	13.62	16.86	20.66	13.47	17.19
4	19.26	13.32	16.57	19.27	12.73	16.20	20.02	13.25	16.77	20.59	12.64	16.84
5	19.28	12.85	16.35	19.53	12.69	16.27	20.59	12.94	16.94	20.69	11.50	16.38
6	19.62	12.47	16.44	20.14	12.88	16.54	21.13	12.94	17.20	21.21	11.37	16.44
7	19.91	12.76	16.55	20.55	13.04	16.84	21.86	13.39	17.60	21.25	11.75	16.66
8	20.70	13.77	17.28	20.24	12.23	16.46	21.75	12.81	17.35	20.99	11.44	16.56
9	20.97	13.32	17.11	20.24	11.71	16.19	21.65	12.27	17.10	20.88	11.59	16.52
10	---	---	---	20.31	10.77	15.80	21.26	11.80	16.79	20.91	11.98	16.60
11	---	---	---	20.43	10.62	15.62	20.80	11.64	16.48	20.54	11.98	16.41
12	---	---	---	21.31	12.07	16.55	20.33	11.80	16.27	20.62	12.12	16.54
13	---	---	---	20.83	12.14	16.58	20.28	11.82	16.22	20.13	12.69	16.46
14	---	---	---	20.29	11.58	16.01	20.05	11.97	16.23	19.72	12.81	16.24
15	---	---	---	20.16	11.40	15.92	19.79	12.02	16.10	19.35	12.40	16.06
16	---	---	---	19.90	11.98	16.21	19.53	12.14	15.98	19.15	12.16	15.86
17	---	---	---	---	---	---	19.56	11.75	15.88	19.61	12.08	16.07
18	---	---	---	20.01	12.06	16.25	19.49	11.64	15.82	19.93	12.57	16.44
19	---	---	---	20.04	11.68	16.10	19.98	11.74	15.98	20.17	12.75	16.61
20	20.77	12.30	16.83	20.22	11.41	15.96	19.82	12.05	16.09	20.17	12.83	16.65
21	21.13	12.44	17.02	20.40	11.42	16.10	19.91	11.81	16.01	20.11	12.90	16.67
22	21.13	12.28	17.12	20.30	11.72	16.20	20.00	12.03	16.13	20.10	12.95	16.76
23	20.83	11.68	16.46	20.03	11.37	15.87	19.60	11.99	16.02	19.87	12.81	16.62
24	20.71	11.61	16.26	19.63	11.26	15.74	19.50	11.73	15.88	19.80	12.67	16.62
25	20.53	11.55	16.12	19.83	11.38	15.63	19.50	12.15	16.03	20.14	13.57	16.94
26	20.07	11.66	15.97	19.38	11.59	15.59	19.32	12.44	16.31	20.03	13.55	16.87
27	19.65	11.68	15.67	19.10	12.03	15.67	19.09	12.53	16.16	19.48	13.60	16.57
28	18.97	11.58	15.43	18.63	11.81	15.57	19.02	12.92	16.17	19.57	13.34	16.40
29	18.87	11.88	15.51	18.51	11.78	15.51	18.97	12.82	16.16	19.73	13.54	16.70
30	18.87	12.08	15.75	18.50	11.92	15.51	19.07	12.92	16.36	20.19	14.13	17.13
31	---	---	---	18.81	12.23	15.84	19.39	13.38	16.39	---	---	---
MONTH	---	---	---	---	---	---	21.86	11.64	16.40	21.25	11.37	16.58







02176640 BEAUFORT RIVER AT PARRIS ISLAND, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	13.4	12.6	13.0
26	---	---	---	---	---	---	---	---	---	13.4	12.6	12.9
27	---	---	---	---	---	---	---	---	---	13.2	12.4	12.9
28	---	---	---	---	---	---	---	---	---	13.7	12.7	13.2
29	---	---	---	---	---	---	---	---	---	14.2	13.0	13.5
30	---	---	---	---	---	---	---	---	---	14.9	13.3	13.9
31	---	---	---	---	---	---	---	---	---	15.6	13.9	14.6
MONTH	---	---	---	---	---	---	---	---	---	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	16.5	14.5	15.3	12.3	11.4	11.9	21.4	20.2	20.8	24.3	23.5	23.9
2	16.3	15.0	15.6	12.5	11.5	12.1	21.8	20.3	21.1	24.8	23.9	24.2
3	15.8	14.9	15.3	13.3	12.2	12.7	22.5	20.7	21.6	25.2	24.3	24.7
4	15.3	14.0	14.8	12.9	11.9	12.5	22.1	21.2	21.7	25.4	24.7	25.0
5	14.3	13.1	13.6	12.0	11.5	11.8	21.6	20.8	21.1	25.2	24.7	24.9
6	13.4	12.6	12.9	12.2	11.3	11.8	21.1	20.1	20.6	25.0	24.3	24.7
7	---	---	---	12.7	11.4	12.1	20.7	19.6	20.1	25.2	24.6	24.9
8	---	---	---	13.5	11.9	12.7	20.2	19.0	19.9	25.5	24.8	25.2
9	12.8	12.0	12.6	14.4	12.8	13.5	20.6	19.5	20.1	25.8	25.1	25.5
10	13.2	12.3	12.8	14.8	13.5	14.2	20.6	20.1	20.4	26.2	25.3	25.8
11	13.4	12.8	13.2	14.8	13.7	14.2	---	---	---	26.6	25.7	26.2
12	13.6	12.9	13.3	14.7	13.9	14.3	---	---	---	27.1	26.2	26.6
13	13.4	13.0	13.2	15.4	14.2	14.7	---	---	---	27.2	26.3	26.7
14	13.4	12.8	13.1	16.0	14.6	15.2	---	---	---	26.8	25.9	26.4
15	13.2	12.7	13.0	16.9	15.1	15.8	---	---	---	26.2	25.5	25.9
16	13.4	12.9	13.1	17.4	15.7	16.5	23.3	21.8	22.3	25.9	25.3	25.6
17	13.3	12.9	13.1	18.3	16.4	17.2	23.9	22.2	23.0	25.9	25.3	25.6
18	13.0	12.5	12.8	18.9	16.8	17.9	24.4	22.8	23.6	25.8	25.3	25.6
19	13.1	12.5	12.8	19.4	17.5	18.4	24.7	23.3	24.0	25.3	23.6	24.3
20	13.7	12.6	13.2	20.0	17.8	18.9	25.1	23.7	24.3	23.6	22.3	22.8
21	14.3	13.2	13.7	19.9	18.5	19.3	25.4	24.0	24.7	22.7	21.9	22.4
22	14.3	13.6	14.0	19.4	18.3	18.8	25.3	24.4	24.8	22.3	21.0	21.7
23	---	---	---	18.8	17.8	18.3	25.2	24.1	24.4	21.8	20.8	21.5
24	---	---	---	18.9	17.5	18.2	24.8	23.6	24.2	22.4	21.3	21.9
25	---	---	---	19.2	17.6	18.5	24.9	23.5	24.2	23.1	22.1	22.5
26	---	---	---	---	---	---	24.7	23.3	24.0	23.8	22.8	23.2
27	---	---	---	---	---	---	24.1	23.0	23.6	24.3	23.3	23.8
28	---	---	---	---	---	---	24.5	23.2	23.8	24.9	23.7	24.3
29	---	---	---	20.2	18.9	19.5	24.7	23.8	24.2	25.4	24.1	24.6
30	---	---	---	20.8	19.4	19.9	24.2	23.5	24.0	25.8	24.6	25.1
31	---	---	---	21.3	20.0	20.5	---	---	---	26.4	25.0	25.6
MONTH	---	---	---	---	---	---	---	---	---	27.2	20.8	24.6

## BROAD RIVER BASIN

02176640 BEAUFORT RIVER AT PARRIS ISLAND, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	27.0	25.7	26.3	28.9	27.9	28.4	30.6	30.1	30.4	27.6	27.2	27.4
2	27.6	26.2	26.8	29.2	28.2	28.7	30.5	30.0	30.3	27.5	27.0	27.3
3	28.1	26.6	27.3	29.4	28.4	28.9	30.3	29.9	30.1	27.5	27.0	27.3
4	28.4	27.1	27.8	29.6	28.5	29.1	30.1	29.5	29.8	27.8	27.2	27.5
5	28.7	27.6	28.1	29.9	28.8	29.4	29.8	29.2	29.5	28.5	27.6	27.9
6	28.6	27.7	28.2	29.9	29.1	29.4	30.0	29.3	29.7	28.7	27.9	28.3
7	28.7	27.8	28.3	29.8	29.0	29.4	30.0	28.9	29.5	28.5	27.9	28.2
8	28.5	27.5	28.0	29.6	29.0	29.3	29.3	28.2	28.9	28.4	27.7	28.1
9	27.9	26.9	27.5	30.0	28.9	29.4	28.8	27.4	28.3	28.5	27.7	28.0
10	27.7	26.8	27.3	30.0	29.2	29.6	28.5	27.1	27.9	28.4	27.5	27.9
11	27.8	26.9	27.3	30.1	29.1	29.5	28.9	27.4	28.1	28.6	27.5	28.0
12	28.3	27.2	27.6	29.6	29.0	29.3	29.0	27.4	28.2	28.6	27.7	28.2
13	28.8	27.6	28.0	29.4	28.8	29.1	28.5	27.7	28.2	28.4	27.9	28.2
14	29.2	27.9	28.4	29.8	28.9	29.2	28.7	27.7	28.1	28.4	27.9	28.1
15	28.9	28.0	28.4	30.1	29.2	29.5	29.2	28.0	28.4	28.2	27.6	27.9
16	28.7	27.8	28.2	30.8	29.5	30.0	29.6	28.4	28.9	28.1	27.6	27.8
17	28.5	27.9	28.2	---	---	---	29.7	28.8	29.3	28.3	27.7	28.0
18	28.3	27.9	28.1	31.3	30.5	30.9	29.8	29.0	29.4	28.5	27.8	28.1
19	28.0	27.5	27.8	31.4	30.6	31.0	29.7	28.9	29.3	28.4	27.9	28.1
20	27.9	27.4	27.6	31.5	30.8	31.2	29.8	28.9	29.3	28.1	27.6	27.9
21	27.6	26.6	27.1	31.2	30.5	30.8	30.0	29.1	29.5	28.1	27.4	27.8
22	26.9	25.8	26.3	30.8	30.1	30.5	30.1	29.3	29.7	28.2	27.6	27.9
23	26.5	25.9	26.1	30.4	29.7	30.1	30.4	29.5	29.9	28.4	27.7	28.0
24	26.9	26.2	26.4	29.9	29.4	29.6	30.5	29.5	30.0	28.1	27.5	27.9
25	26.8	26.6	26.7	30.2	29.3	29.6	30.4	29.7	30.0	27.7	27.2	27.4
26	27.4	26.5	26.8	30.5	29.5	29.8	30.0	29.4	29.8	27.7	27.1	27.3
27	27.6	26.9	27.2	30.8	29.7	30.0	29.7	29.1	29.4	28.0	27.4	27.6
28	28.2	27.2	27.6	30.8	29.9	30.2	29.2	28.7	29.0	28.2	27.6	27.9
29	28.1	27.6	27.8	31.1	30.1	30.4	28.9	28.5	28.7	28.1	27.7	27.9
30	28.5	27.6	28.0	31.1	30.2	30.6	28.5	27.9	28.2	27.8	27.5	27.7
31	---	---	---	31.0	30.3	30.6	28.0	27.5	27.7	---	---	---
MONTH	29.2	25.7	27.5	---	---	---	30.6	27.1	29.1	28.7	27.0	27.9

02176640 BEAUFORT RIVER AT PARRIS ISLAND, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	10.3	9.3	9.9
26	---	---	---	---	---	---	---	---	---	10.2	9.0	9.8
27	---	---	---	---	---	---	---	---	---	10.0	9.1	9.8
28	---	---	---	---	---	---	---	---	---	9.9	8.9	9.6
29	---	---	---	---	---	---	---	---	---	9.8	8.8	9.5
30	---	---	---	---	---	---	---	---	---	9.7	8.7	9.4
31	---	---	---	---	---	---	---	---	---	9.7	8.6	9.3
MONTH	---	---	---	---	---	---	---	---	---	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	9.7	8.8	9.4	9.7	8.5	9.0	7.3	6.4	7.0	7.6	5.7	6.8
2	9.8	8.7	9.3	9.5	8.9	9.2	7.4	6.4	7.0	7.9	6.4	7.3
3	9.5	8.2	9.1	9.4	8.8	9.1	7.4	6.4	7.0	8.0	6.8	7.5
4	9.7	8.8	9.3	9.4	8.8	9.1	7.6	6.5	7.1	8.1	6.7	7.5
5	9.9	8.9	9.5	9.6	9.1	9.3	7.5	6.7	7.2	7.8	6.1	7.2
6	10.1	9.0	9.6	9.7	9.1	9.4	7.7	7.1	7.4	8.0	6.0	7.2
7	---	---	---	9.8	9.1	9.4	8.0	7.0	7.5	7.9	6.0	7.2
8	---	---	---	9.8	9.2	9.5	8.1	7.3	7.7	7.5	6.0	7.0
9	10.4	9.2	9.9	9.7	9.1	9.5	8.1	7.3	7.7	7.7	6.5	7.0
10	10.2	9.3	9.9	9.5	9.0	9.3	7.9	7.0	7.6	7.8	6.5	7.1
11	10.2	9.3	9.8	9.5	8.6	9.2	---	---	---	7.9	6.4	7.1
12	10.0	9.6	9.8	9.5	7.8	8.6	---	---	---	8.0	6.4	7.2
13	10.0	9.6	9.9	9.1	8.1	8.6	---	---	---	8.0	6.7	7.4
14	10.1	9.6	9.9	8.8	7.9	8.4	---	---	---	8.2	6.8	7.4
15	10.2	9.6	9.9	8.8	7.8	8.4	---	---	---	8.3	7.1	7.6
16	10.2	9.6	9.9	8.7	7.7	8.2	7.9	5.8	6.9	8.1	7.2	7.7
17	10.3	9.7	10.0	8.5	7.3	8.1	7.3	5.4	6.6	8.1	7.3	7.7
18	10.3	9.7	10.0	8.6	7.5	8.0	7.4	6.0	7.0	7.8	7.1	7.4
19	10.4	9.8	10.1	8.3	7.4	7.9	7.3	6.5	7.0	7.6	6.8	7.2
20	10.4	9.8	10.1	8.3	7.3	7.9	7.2	6.3	6.9	7.8	6.7	7.2
21	10.2	9.8	10.0	8.2	7.0	7.6	7.1	6.3	6.8	7.8	6.6	7.3
22	10.2	9.7	9.9	8.3	7.0	7.7	7.0	6.2	6.6	8.3	6.9	7.6
23	---	---	---	8.3	7.1	7.8	7.1	5.8	6.5	8.3	7.3	7.7
24	---	---	---	8.3	7.2	7.8	6.9	5.6	6.5	8.3	7.4	7.7
25	---	---	---	8.3	7.1	7.7	7.6	6.0	6.7	8.1	7.3	7.6
26	---	---	---	---	---	---	7.8	6.2	7.0	7.8	7.1	7.4
27	---	---	---	---	---	---	7.6	6.4	6.9	7.6	6.7	7.2
28	---	---	---	---	---	---	7.4	6.3	6.8	7.4	6.5	7.0
29	---	---	---	7.6	7.0	7.3	7.4	6.5	6.9	7.3	6.4	6.8
30	---	---	---	7.5	7.0	7.2	7.3	5.8	6.7	7.0	6.0	6.5
31	---	---	---	7.3	6.8	7.1	---	---	---	7.0	6.0	6.5
MONTH	---	---	---	---	---	---	---	---	---	8.3	5.7	7.3

## BROAD RIVER BASIN

02176640 BEAUFORT RIVER AT PARRIS ISLAND, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	7.3	6.0	6.6	7.0	5.4	6.3	7.0	5.5	6.3	6.5	5.3	5.9
2	7.3	6.0	6.7	7.6	5.2	6.4	6.9	5.1	6.1	7.0	5.5	6.2
3	7.3	5.9	6.6	7.6	5.4	6.6	7.1	5.0	6.0	7.1	5.5	6.2
4	7.2	6.0	6.5	7.5	5.6	6.6	6.6	4.8	5.8	6.8	5.0	6.1
5	7.1	6.1	6.5	7.3	5.5	6.4	6.6	4.7	5.7	6.5	4.7	5.8
6	7.0	6.1	6.5	7.2	4.9	6.0	6.3	4.5	5.5	6.3	4.0	5.5
7	6.8	5.8	6.4	6.8	4.8	5.8	6.1	4.4	5.3	6.7	4.0	5.6
8	7.0	5.7	6.4	6.8	4.7	5.8	5.5	4.3	4.9	---	---	---
9	7.1	6.0	6.5	7.1	4.8	5.9	5.7	4.4	5.0	---	---	---
10	7.2	6.2	6.6	7.3	4.9	6.2	5.9	4.5	5.2	---	---	---
11	7.0	6.2	6.5	6.9	5.3	6.2	6.1	4.6	5.4	6.9	5.6	6.3
12	7.1	6.1	6.4	6.7	5.1	5.9	6.1	5.1	5.7	7.0	5.7	6.5
13	7.1	5.9	6.6	6.2	4.8	5.6	6.2	5.0	5.7	6.8	5.7	6.4
14	6.9	6.0	6.5	6.3	4.8	5.6	6.4	4.9	5.6	6.9	5.7	6.3
15	6.9	5.8	6.4	6.6	4.7	5.7	6.5	5.1	5.8	6.5	5.5	6.1
16	6.8	5.6	6.3	7.0	4.6	5.9	6.8	5.2	5.9	6.5	5.0	5.9
17	6.6	5.4	6.0	6.5	4.7	5.9	6.7	5.2	5.9	7.0	5.1	6.1
18	6.2	4.8	5.5	6.1	4.2	5.3	6.7	5.1	6.0	6.8	5.2	6.0
19	6.3	4.7	5.4	6.4	4.8	5.6	6.7	5.0	5.9	6.7	5.0	5.9
20	6.3	4.9	5.6	6.6	4.9	5.8	6.7	5.0	5.8	6.6	5.0	5.8
21	6.2	4.9	5.6	6.2	4.7	5.7	6.8	4.9	5.9	6.8	4.9	5.8
22	6.7	5.1	6.0	6.3	4.8	5.5	6.7	4.6	5.8	6.9	5.0	5.9
23	6.6	5.4	6.0	6.1	4.6	5.3	6.9	4.6	5.8	6.7	5.0	5.9
24	6.6	5.4	6.0	5.2	3.5	4.3	7.3	4.9	6.1	6.6	5.0	5.9
25	6.4	5.3	5.9	6.1	4.0	5.0	7.3	4.9	6.2	6.6	5.2	6.0
26	6.6	5.1	5.9	6.4	4.5	5.5	6.8	5.2	6.0	7.0	5.2	6.2
27	6.6	5.4	6.1	6.7	4.8	5.8	6.5	4.6	5.6	7.3	6.0	6.6
28	6.7	5.3	6.1	6.7	4.9	6.0	6.0	4.2	5.3	7.2	5.8	6.5
29	6.7	5.3	6.2	6.8	5.0	6.2	5.9	4.4	5.3	6.6	5.1	6.0
30	6.9	5.4	6.3	6.9	5.1	6.3	6.2	5.0	5.5	7.1	5.0	5.9
31	---	---	---	7.4	5.6	6.5	6.3	4.9	5.5	---	---	---
MONTH	7.3	4.7	6.2	7.6	3.5	5.9	7.3	4.2	5.7	---	---	---

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 September 2002.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: June 2002 to September 2002.

WATER TEMPERATURE: June 2002 to September 2002.

DISSOLVED OXYGEN: June 2002 to September 2002.

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

REMARKS.--Specific conductance records rated excellent except for June 1 to June 11, June 27 to July 11, and Sep. 3 to Sep. 10, which are good, June 11 to June 27, which are poor. Temperature records rated excellent except for June 1 to June 27, which are good. Dissolved oxygen records rated fair except for July 26 to Aug. 30, which are good, and June 27 to July 20, which are poor.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 53,700 microsiemens, June 16, 2002; minimum, 14,200 microsiemens, Sep. 28, 2002.

WATER TEMPERATURE: Maximum, 34.2°C, July 29, 2002; minimum, 24.5°C, June 22, 2002.

DISSOLVED OXYGEN: Maximum, 8.8 mg/L, Sep. 11, 2002; minimum, 2.3 mg/L, Sep. 29, 2002.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 53,700 microsiemens, June 16; minimum, 14,200 microsiemens, Sep. 28.

WATER TEMPERATURE: Maximum, 34.2°C, July 29; minimum, 24.5°C, June 22.

DISSOLVED OXYGEN: Maximum, 8.8 mg/L, Sep. 11; minimum, 2.3 mg/L, Sep. 29.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	51400	50600	51000	41400	36900	38800	48600	48100	48400	38500	23900	31600
2	51500	50700	51100	41600	38000	39500	48900	48300	48700	39500	27300	32900
3	51500	50700	51200	41900	38800	40100	49300	48900	49100	40800	29600	34500
4	51600	50700	51200	42600	39300	40600	49500	48400	49200	41000	31000	35900
5	51800	50700	51300	43100	40000	41200	49100	48400	48800	40900	31900	36200
6	51900	50900	51500	44000	40800	41900	49200	48600	48900	41700	33400	37000
7	51900	50600	51400	44300	41400	42500	49700	49000	49300	42400	35100	38300
8	51200	50500	51000	43900	38600	42000	50300	49600	49900	42500	36100	39100
9	51200	50500	51000	44100	39200	41600	50700	50200	50500	42300	36500	39500
10	51200	49800	50800	44100	40300	41900	51000	50500	50700	42600	36900	39900
11	51200	50100	50500	43700	40900	42200	51200	50500	50800	42300	40100	41100
12	51200	50600	50900	44500	32900	40500	51300	50500	50900	42700	40600	41500
13	51800	50900	51400	44700	39100	41900	51400	50600	51000	42500	33800	40300
14	52300	51200	52000	44700	40500	42500	50800	49900	50300	41400	33700	38100
15	53300	51700	52900	44900	41700	43200	50300	49800	50100	40300	28400	35900
16	53700	52600	53100	45300	42700	43900	50300	50000	50200	39800	26600	34700
17	53200	52500	52800	45600	43400	44500	50400	50000	50200	41300	28400	35300
18	52800	51000	51900	45900	44000	44900	50300	50000	50200	42100	31500	37300
19	51300	50800	51100	46200	44600	45400	50700	50200	50400	40800	26400	36400
20	51600	48700	51100	46900	45200	46000	51000	50500	50700	40600	23600	34000
21	50400	42700	48500	46800	45200	46000	51400	50900	51000	40500	22100	32900
22	48400	33900	44200	47200	45900	46500	51600	51300	51400	39700	25300	33300
23	46500	36600	42700	47600	46500	47000	51700	51100	51600	39500	29400	34500
24	44900	37700	42200	47600	45500	47100	51800	51300	51600	39600	30800	35400
25	43400	24800	37300	47900	44400	46700	51800	47000	50800	40100	33400	36400
26	39500	27900	34200	47800	46600	47200	50300	35900	45900	38900	22700	32700
27	40700	31100	34500	48100	47000	47400	46100	38100	42600	36500	16000	26600
28	40500	31100	35700	48100	47400	47700	45800	38600	42000	35800	14200	25400
29	40400	33200	36800	48200	47600	47900	44700	39400	42000	35400	18200	26800
30	40700	35400	37900	48300	47900	48100	43800	25500	34700	35600	21500	28100
31	---	---	---	48500	48200	48400	39000	22900	31100	---	---	---
MONTH	53700	24800	47400	48500	32900	44000	51800	22900	48200	42700	14200	35100

## BROAD RIVER BASIN

02176711 MAY RIVER NEAR PRITCHARDVILLE, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	30.6	27.3	28.8	32.0	29.0	30.3	32.5	30.8	31.4	27.3	25.9	26.7
2	31.4	28.1	29.6	32.0	29.5	30.7	31.4	29.6	30.7	27.2	26.3	26.9
3	31.4	29.3	30.3	31.6	29.6	30.7	30.7	29.3	30.2	28.2	26.5	27.4
4	30.9	29.8	30.4	31.7	29.5	30.7	30.5	29.0	29.8	29.1	27.4	28.3
5	30.8	29.3	30.1	32.2	30.0	31.2	30.3	28.7	29.7	30.7	28.2	29.3
6	30.6	29.1	29.9	31.9	30.4	31.1	31.6	29.7	30.6	30.9	29.0	29.7
7	30.4	29.1	29.7	31.2	30.0	30.6	31.3	29.7	30.4	30.2	28.4	29.1
8	29.5	28.1	28.8	30.4	29.4	29.9	30.5	28.9	29.5	30.2	27.9	28.8
9	28.9	27.4	28.0	30.8	29.2	29.8	30.0	28.2	28.9	30.2	28.0	28.9
10	29.4	27.1	28.1	31.7	29.3	30.4	30.5	27.5	28.8	30.0	27.4	28.5
11	30.3	27.6	28.7	32.8	29.5	30.7	31.2	27.9	29.2	30.4	27.2	28.6
12	31.6	28.4	29.7	30.4	28.8	29.8	31.3	27.8	29.5	30.0	28.0	29.0
13	32.2	29.2	30.4	31.2	28.6	29.8	29.7	28.1	29.0	29.3	27.0	28.2
14	32.3	29.5	30.6	32.2	29.1	30.4	29.8	27.8	28.9	28.3	26.6	27.6
15	31.5	29.0	30.1	33.7	29.9	31.4	31.2	28.2	29.6	28.0	26.6	27.5
16	30.7	27.9	29.4	33.7	31.1	32.2	31.6	29.5	30.5	28.5	26.8	27.7
17	29.6	28.0	29.0	33.7	31.3	32.5	31.4	29.9	30.8	29.1	27.5	28.4
18	29.1	27.4	28.3	33.5	31.7	32.7	31.6	30.1	30.9	29.4	28.3	28.9
19	28.5	26.8	27.8	33.6	31.6	32.8	31.7	29.7	30.7	29.0	28.2	28.6
20	28.4	26.9	27.7	33.3	31.7	32.6	31.4	29.9	30.6	28.4	27.5	28.0
21	27.1	25.6	26.5	32.1	30.6	31.4	31.8	30.1	30.9	29.2	26.7	28.1
22	25.8	24.5	25.4	31.5	30.2	30.8	32.6	30.5	31.4	29.7	27.8	28.7
23	26.6	25.1	25.8	30.8	29.5	30.2	32.9	30.6	31.6	30.1	28.4	29.1
24	28.2	26.0	26.8	30.4	28.8	29.5	33.3	30.7	31.8	28.9	27.9	28.4
25	27.5	26.5	27.0	31.9	28.5	30.0	32.9	31.1	31.6	27.9	27.0	27.2
26	28.9	26.3	27.5	32.7	29.7	30.9	31.1	28.6	29.9	27.9	26.1	27.2
27	30.6	27.3	28.6	33.2	30.0	31.2	29.6	27.8	28.6	28.9	26.4	27.8
28	31.8	28.8	29.9	34.0	30.5	31.9	29.1	27.2	28.3	28.9	27.2	28.3
29	30.4	29.1	29.6	34.2	30.9	32.3	28.8	27.8	28.4	28.6	27.5	28.0
30	31.0	28.5	29.7	34.1	31.3	32.5	28.4	26.2	27.0	28.0	26.5	27.4
31	---	---	---	33.9	31.0	32.3	27.1	25.4	26.5	---	---	---
MONTH	32.3	24.5	28.7	34.2	28.5	31.1	33.3	25.4	29.9	30.9	25.9	28.2

02176711 MAY RIVER NEAR PRITCHARDVILLE, SC--Continued

## OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.8	4.9	6.7	7.4	3.1	5.1	6.9	4.5	5.8	5.0	3.4	4.1
2	7.8	5.0	6.6	8.1	3.4	5.5	6.8	4.3	5.7	5.3	3.2	4.2
3	7.4	4.7	6.2	7.3	3.8	5.6	6.7	4.6	5.7	5.6	3.5	4.5
4	7.1	4.4	5.8	6.9	3.9	5.2	6.5	4.7	5.5	5.9	3.9	4.6
5	7.2	4.6	5.8	6.7	4.0	5.1	6.2	4.5	5.2	5.8	3.8	4.8
6	7.2	4.8	5.8	5.5	3.2	4.6	6.3	4.5	5.2	6.0	3.7	5.0
7	6.3	4.6	5.4	5.4	2.8	3.9	6.9	4.3	5.5	6.9	3.9	5.5
8	7.1	4.3	5.5	5.0	3.0	3.8	7.2	5.0	6.0	7.4	4.4	5.9
9	7.7	4.7	6.1	4.7	2.4	3.6	6.8	4.7	5.7	7.6	4.4	6.1
10	7.5	5.0	6.2	5.2	2.5	3.9	7.0	4.4	5.6	8.6	4.8	6.6
11	7.2	4.6	5.9	7.0	2.9	5.1	6.9	4.2	5.5	8.8	4.9	6.8
12	7.0	4.5	5.9	5.3	3.1	4.5	6.8	3.9	5.2	7.9	4.9	6.4
13	6.7	4.0	5.8	6.1	3.4	4.9	5.8	3.9	4.8	6.4	4.6	5.5
14	6.7	4.1	5.7	7.0	3.8	5.4	5.8	3.6	4.7	6.0	3.8	4.8
15	6.8	3.8	5.7	7.9	4.0	5.9	6.4	3.5	4.9	5.5	3.6	4.4
16	7.0	4.0	5.8	7.7	4.2	6.0	6.8	3.8	5.3	5.5	3.2	4.2
17	6.2	3.9	5.3	7.2	4.3	5.8	6.8	4.2	5.3	6.2	3.4	4.3
18	5.5	3.7	4.7	6.8	4.0	5.6	6.4	3.8	4.9	6.1	3.2	4.3
19	5.8	3.3	4.6	7.0	4.4	5.6	6.6	3.9	5.0	5.6	3.4	4.3
20	5.9	3.8	4.9	7.7	4.5	5.8	7.0	4.2	5.3	5.3	3.1	4.0
21	5.4	4.4	4.9	6.3	4.4	5.2	7.0	4.2	5.5	5.5	3.3	4.1
22	5.6	4.4	5.2	5.9	4.0	4.8	6.6	4.0	5.3	5.6	3.0	4.1
23	5.6	4.3	4.9	5.0	3.6	4.3	6.6	3.8	5.2	5.3	2.9	4.1
24	5.5	3.8	4.7	5.0	3.4	4.2	6.8	3.6	5.4	4.7	3.0	3.9
25	5.1	3.9	4.6	6.0	3.3	4.5	6.4	4.0	4.9	4.4	3.1	3.9
26	4.9	3.3	4.1	6.7	3.5	5.0	5.2	2.4	3.7	5.0	3.8	4.3
27	5.2	3.3	4.2	7.6	4.0	5.8	4.0	2.6	3.3	5.0	3.9	4.3
28	5.7	2.8	4.4	8.2	4.4	6.3	4.7	2.9	3.6	5.0	2.7	3.6
29	5.6	3.1	4.6	8.6	4.6	6.6	4.7	3.0	3.9	4.0	2.3	2.9
30	6.6	3.1	4.8	8.5	4.8	6.6	5.0	4.0	4.4	4.0	2.4	3.0
31	---	---	---	8.3	4.9	6.5	4.6	3.3	4.0	---	---	---
MONTH	7.8	2.8	5.4	8.6	2.4	5.2	7.2	2.4	5.0	8.8	2.3	4.6



## 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 September 2002.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: June 2002 to September 2002.

WATER TEMPERATURE: June 2002 to September 2002.

DISSOLVED OXYGEN: June 2002 to September 2002.

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

REMARKS.--Specific conductance records rated good except for Aug. 30 to Sep. 17, which are excellent, and June 1 to June 25, which are poor. Temperature records rated excellent except for June 1 to June 28, which are good. Dissolved oxygen records rated poor except for June 21 to July 11, July 20 to Aug. 1, and Sep. 10 to Sep. 17, which are good.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 53,600 microsiemens, June 17, 2002; minimum, 38,400 microsiemens, Sep. 21, 2002.

WATER TEMPERATURE: Maximum, 33.1°C, July 19, 2002; minimum, 25.9°C, June 24, 2002.

DISSOLVED OXYGEN: Maximum, 9.0 mg/L, July 1, 2002; minimum, 2.9 mg/L, Aug. 24, 2002.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 53,600 microsiemens, June 17; minimum, 38,400 microsiemens, Sep. 21.

WATER TEMPERATURE: Maximum, 33.1°C, July 19; minimum, 25.9°C, June 24.

DISSOLVED OXYGEN: Maximum, 9.0 mg/L, July 1; minimum, 2.9 mg/L, Aug. 24.

## TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	29.4	27.1	27.9	31.1	28.3	29.2	31.6	30.7	31.0	27.8	26.6	27.2
2	29.9	27.6	28.5	31.0	28.9	29.7	31.2	29.9	30.6	27.4	26.7	27.1
3	30.2	28.5	29.3	30.9	29.1	29.9	30.7	29.6	30.3	28.0	26.8	27.3
4	30.4	29.0	29.6	31.4	29.1	30.2	30.3	29.2	29.8	28.4	27.3	27.8
5	30.1	29.0	29.6	31.5	29.7	30.6	30.3	28.9	29.7	29.2	27.8	28.5
6	29.9	29.0	29.5	---	---	---	30.8	29.5	30.1	29.5	28.3	28.8
7	29.8	28.9	29.4	---	---	---	30.7	29.2	29.9	29.2	28.1	28.6
8	29.3	28.1	28.6	---	---	---	29.7	28.4	29.1	29.6	27.9	28.4
9	28.3	27.4	27.8	---	---	---	29.3	28.0	28.4	29.5	27.9	28.4
10	28.8	27.1	27.8	31.9	29.6	30.2	29.0	27.5	28.2	29.5	27.5	28.3
11	29.3	27.4	28.1	32.2	29.4	30.3	29.6	27.6	28.5	29.8	27.6	28.5
12	30.7	27.9	28.8	30.1	29.4	29.8	29.9	27.8	28.8	29.8	28.1	28.8
13	31.5	28.6	29.5	30.9	28.9	29.6	29.0	28.1	28.7	29.0	28.1	28.5
14	30.8	29.2	29.8	31.1	29.1	29.9	29.6	27.7	28.7	28.7	27.5	28.1
15	30.4	29.0	29.5	32.3	29.5	30.5	30.3	28.2	29.2	28.3	27.6	28.0
16	30.6	28.5	29.2	32.5	30.3	31.1	31.0	29.1	30.0	28.6	27.3	28.0
17	29.8	28.5	29.0	32.9	30.6	31.6	30.9	29.6	30.3	28.7	27.7	28.3
18	29.0	28.2	28.5	32.7	31.1	32.0	30.9	29.7	30.4	29.0	28.2	28.6
19	28.7	27.1	28.1	33.1	31.1	32.2	30.5	29.4	30.1	28.7	28.1	28.4
20	28.3	27.2	27.8	---	---	---	30.8	29.6	30.2	28.4	27.7	28.1
21	27.6	26.2	27.0	---	---	---	31.3	29.5	30.1	29.1	27.6	28.1
22	---	---	---	---	---	---	30.6	29.3	29.9	29.4	27.8	28.3
23	---	---	---	---	---	---	31.4	29.3	30.0	29.3	28.0	28.5
24	27.0	25.9	26.4	---	---	---	31.3	29.5	30.2	28.4	27.8	28.1
25	27.6	26.5	26.9	31.7	29.0	29.8	31.6	29.7	30.4	27.8	27.1	27.3
26	28.6	26.6	27.2	31.4	29.4	30.2	30.6	29.6	30.0	28.4	26.6	27.4
27	---	---	---	31.6	29.6	30.4	29.6	28.9	29.1	28.9	27.0	27.8
28	---	---	---	32.3	30.2	30.9	29.5	28.0	28.7	28.8	27.5	28.1
29	29.6	28.1	28.6	32.9	30.6	31.3	28.9	28.1	28.5	28.2	27.6	27.9
30	30.3	28.1	28.7	32.5	30.8	31.5	28.6	27.5	27.8	27.8	26.7	27.5
31	---	---	---	32.3	30.9	31.5	27.8	26.9	27.4	---	---	---
MONTH	---	---	---	---	---	---	31.6	26.9	29.5	29.8	26.6	28.1

02176720 MAY RIVER NEAR BLUFFTON, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	52200	51500	51800	46900	43800	45500	48800	47700	48500	44000	41400	43000
2	52300	51600	51900	47000	44200	45700	49000	48700	48900	44000	41300	42900
3	52200	51600	51800	47100	44500	45900	49300	48900	49100	43800	40200	42600
4	52100	51500	51800	47300	44500	46100	49600	49100	49300	43500	39400	42200
5	52100	51600	51800	47400	44900	46200	49600	49100	49400	43600	39200	42000
6	52200	51700	51900	---	---	---	49600	49300	49400	43900	39600	42100
7	52400	51800	52000	---	---	---	49800	49300	49500	44300	40200	42400
8	52300	51900	52100	---	---	---	50400	49500	49800	44700	40800	42800
9	52800	52100	52400	---	---	---	50400	48800	49600	44900	41200	43100
10	53000	52300	52700	46600	43900	45500	50400	48800	49700	45100	41800	43600
11	53100	52200	52700	46400	44000	45400	50400	48600	49600	45400	42200	43900
12	53100	52200	52600	46800	43700	45400	50600	48700	49700	45800	42800	44400
13	53000	52200	52600	46800	44400	45800	50800	48900	49900	45800	42300	44300
14	53100	52200	52600	46900	44500	45900	51100	49000	50500	45400	42500	44000
15	53200	52200	52800	47000	44900	46200	51200	50700	51000	45200	41600	43600
16	53400	52500	53000	47100	45100	46300	51200	50800	51000	45300	42000	43800
17	53600	52600	53100	47000	45400	46400	51200	50600	51000	46200	41900	44100
18	53500	52000	52800	47000	45400	46400	51200	50600	51000	46600	41600	44300
19	53200	52100	52600	46600	45100	46000	51400	50700	51100	46200	40200	43500
20	53100	51700	52400	---	---	---	51400	50800	51100	45800	39100	42900
21	52500	49700	51200	---	---	---	52200	50600	51200	45400	38400	42400
22	---	---	---	---	---	---	52300	50500	51700	45300	40600	43500
23	---	---	---	---	---	---	52300	50600	51700	45400	40700	43500
24	47900	43100	46800	---	---	---	52200	50500	51500	45400	40800	43700
25	47100	42400	45300	48500	47400	48000	52100	49600	51000	45600	41700	43900
26	45300	40000	43400	48600	47600	48200	50400	45900	48700	45000	40000	42800
27	---	---	---	49800	47900	48500	48100	45600	46900	44100	39300	41700
28	---	---	---	49700	47800	49000	47300	45100	46200	43700	39000	41400
29	46600	42400	44700	49500	47800	48800	46800	44400	45900	43800	38900	41500
30	46600	42900	45100	49300	47600	48500	46600	41800	44000	43200	39000	41400
31	---	---	---	48900	47500	48300	44400	41500	43200	---	---	---
MONTH	---	---	---	---	---	---	52300	41500	49400	46600	38400	43000



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 September 2002.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: June 2002 to September 2002.

WATER TEMPERATURE: June 2002 to September 2002.

DISSOLVED OXYGEN: June 2002 to September 2002.

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

REMARKS.--Specific conductance records rated excellent except for June 28 to July 27, which are good, and June 5 to June 28, which are fair. Temperature records rated excellent except for June 9 to June 28, which are poor. Dissolved oxygen records rated good except for June 9 to July 6, which are poor.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 52,700 microsiemens, June 16, 2002; minimum, 39,600 microsiemens, Sep. 29, 2002.

WATER TEMPERATURE: Maximum, 31.9°C, July 29, 2002; minimum, 25.5°C, June 23, 2002.

DISSOLVED OXYGEN: Maximum, 7.9 mg/L, July 1, 2002; minimum, 3.6 mg/L, June 20, 21, 2002.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 52,700 microsiemens, June 16; minimum, 39,600 microsiemens, Sep. 29.

WATER TEMPERATURE: Maximum, 31.9°C, July 29; minimum, 25.5°C, June 23.

DISSOLVED OXYGEN: Maximum, 7.9 mg/L, July 1; minimum, 3.6 mg/L, June 20, 21.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	29.8	28.3	28.8	31.2	30.5	30.9	27.7	27.1	27.4
2	---	---	---	30.1	28.8	29.4	30.9	30.2	30.4	27.5	27.1	27.3
3	---	---	---	30.1	29.3	29.6	30.5	29.8	30.1	27.6	27.0	27.2
4	---	---	---	30.4	29.3	29.8	30.0	29.5	29.6	27.9	27.2	27.6
5	---	---	---	30.7	29.6	30.1	29.7	29.2	29.4	28.8	27.6	28.1
6	29.3	28.5	28.9	30.4	29.5	30.0	30.3	29.4	29.8	29.2	28.0	28.5
7	29.4	28.4	28.8	30.2	29.4	29.7	30.1	28.9	29.5	28.8	28.0	28.3
8	28.7	27.4	28.0	30.2	29.1	29.5	29.2	28.3	28.7	28.7	27.8	28.2
9	27.7	26.9	27.2	30.5	29.1	29.7	28.9	27.8	28.3	28.7	27.8	28.2
10	27.7	26.6	27.1	30.6	29.3	29.8	28.7	27.4	28.1	28.7	27.5	28.1
11	28.5	26.9	27.5	30.4	29.2	29.8	29.1	27.7	28.3	28.8	27.4	28.1
12	29.1	27.4	28.1	29.8	29.2	29.5	29.6	28.0	28.7	29.0	28.0	28.4
13	29.7	28.1	28.7	---	---	---	28.8	28.2	28.5	28.8	27.8	28.3
14	29.7	28.5	29.0	---	---	---	29.0	28.1	28.4	28.3	27.8	28.0
15	29.5	28.5	28.9	---	---	---	29.8	28.4	28.9	28.0	27.6	27.8
16	29.4	28.3	28.7	---	---	---	30.4	29.1	29.5	28.2	27.5	27.8
17	29.1	28.3	28.6	---	---	---	30.2	29.5	29.8	28.6	27.7	28.0
18	28.6	27.6	28.2	---	---	---	30.5	29.4	29.8	28.6	27.8	28.1
19	28.0	27.4	27.8	---	---	---	30.2	29.1	29.6	28.2	27.8	28.0
20	27.9	27.3	27.6	---	---	---	30.3	29.1	29.6	27.9	27.4	27.8
21	27.5	26.4	26.9	---	---	---	31.0	29.3	29.9	28.4	27.2	27.8
22	26.4	25.6	25.9	---	---	---	30.7	29.6	30.1	28.4	27.6	28.0
23	26.3	25.5	25.8	---	---	---	31.4	29.6	30.3	28.8	27.8	28.2
24	27.0	25.8	26.2	---	---	---	31.5	29.8	30.4	28.2	27.5	27.9
25	26.7	26.3	26.5	30.6	29.0	29.7	30.9	30.0	30.4	27.5	26.8	27.2
26	27.5	26.2	26.8	30.9	29.5	30.0	30.3	29.5	29.9	28.1	26.6	27.2
27	28.0	26.8	27.3	31.2	29.6	30.3	29.7	28.9	29.2	28.6	27.1	27.6
28	28.6	27.3	27.8	31.6	30.1	30.7	29.3	28.4	28.8	28.2	27.6	27.9
29	28.4	27.7	28.0	31.9	30.4	30.9	28.9	28.3	28.6	28.1	27.5	27.9
30	29.0	27.8	28.3	31.6	30.6	31.1	28.5	27.6	28.1	27.6	27.1	27.4
31	---	---	---	31.6	30.8	31.2	27.8	27.4	27.6	---	---	---
MONTH	---	---	---	---	---	---	31.5	27.4	29.3	29.2	26.6	27.9



02176735 MAY RIVER BELOW BRIGHTON BEACH, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	7.9	5.2	6.5	---	---	---	5.4	4.6	5.1
2	---	---	---	7.8	5.4	6.6	6.8	5.7	6.2	5.7	4.8	5.3
3	---	---	---	7.5	5.4	6.2	6.9	5.7	6.3	6.0	4.8	5.5
4	---	---	---	7.0	5.1	5.9	6.5	5.7	6.1	6.2	5.5	5.8
5	---	---	---	7.0	5.0	5.6	6.1	5.2	5.6	6.2	5.2	5.7
6	---	---	---	6.8	4.9	5.7	6.3	4.9	5.6	6.2	5.0	5.5
7	---	---	---	5.9	4.7	5.4	7.1	5.2	6.0	6.6	5.0	5.7
8	---	---	---	6.6	5.0	5.6	7.3	5.6	6.3	6.9	5.4	6.1
9	---	---	---	6.9	5.0	5.7	7.3	6.0	6.5	7.4	5.6	6.3
10	7.4	4.9	5.9	7.1	5.2	6.1	7.0	5.8	6.3	7.8	5.9	6.6
11	6.7	5.0	5.8	6.9	5.6	6.3	6.6	5.4	6.0	7.6	6.1	6.8
12	6.7	5.1	5.8	6.2	5.3	5.7	6.2	5.2	5.7	7.4	6.1	6.7
13	6.6	5.1	5.8	---	---	---	5.6	5.0	5.3	7.1	5.9	6.4
14	6.6	5.1	5.6	---	---	---	6.1	4.7	5.4	6.5	5.8	6.1
15	6.2	4.9	5.6	---	---	---	6.6	5.2	5.9	6.4	5.4	5.9
16	6.5	4.9	5.7	---	---	---	7.1	5.5	6.3	6.3	5.3	5.7
17	6.3	4.9	5.6	---	---	---	7.0	5.9	6.4	6.7	5.1	5.6
18	6.2	5.0	5.5	---	---	---	6.9	5.5	6.2	6.6	4.8	5.5
19	5.5	4.7	5.2	---	---	---	6.6	5.3	5.9	5.8	4.9	5.3
20	5.5	3.6	4.8	---	---	---	7.0	5.6	6.0	6.1	4.9	5.4
21	5.4	3.6	4.6	---	---	---	7.1	5.4	6.0	6.7	4.8	5.5
22	6.5	4.0	5.3	---	---	---	7.2	5.5	6.1	7.1	4.9	5.8
23	6.1	4.4	5.4	---	---	---	6.9	5.4	6.0	7.0	5.1	5.9
24	6.8	4.5	5.5	---	---	---	7.1	5.4	6.0	6.3	5.2	5.8
25	6.3	4.7	5.5	7.1	4.8	5.8	6.3	5.3	5.8	6.0	5.2	5.7
26	6.7	4.8	5.7	6.9	5.2	6.0	6.0	4.7	5.4	6.7	5.1	6.0
27	6.9	5.0	6.0	6.6	5.3	5.9	5.3	4.5	4.9	7.6	5.9	6.7
28	7.3	5.1	6.2	---	---	---	5.2	4.3	4.9	7.4	6.3	6.8
29	7.1	5.3	6.0	---	---	---	5.4	4.4	4.9	7.0	5.6	6.3
30	7.4	5.4	6.3	---	---	---	5.7	4.7	5.1	6.4	5.4	5.9
31	---	---	---	---	---	---	5.3	4.6	5.0	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	7.8	4.6	5.9

## 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. Water-quality sampling site at gaging station (see Water Resources Data for Georgia).

DRAINAGE AREA.--207 mi<sup>2</sup>.

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.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	255	221	405	309	507	328	728	537	339	252	175	161
2	240	221	318	298	479	503	623	536	310	323	167	155
3	226	218	286	297	452	993	572	461	285	365	159	149
4	216	213	269	290	441	602	532	1060	278	291	152	146
5	209	206	258	279	419	509	505	919	385	260	147	143
6	257	201	250	353	440	474	483	665	419	235	148	137
7	243	199	243	464	791	450	467	582	362	252	142	130
8	206	197	238	351	658	431	462	532	303	221	134	127
9	197	195	235	325	561	424	613	501	282	211	131	124
10	193	193	252	317	526	460	945	493	268	204	129	121
11	193	189	495	314	508	412	717	480	257	227	128	117
12	202	186	377	303	470	466	639	462	248	269	125	112
13	276	184	342	293	455	1040	648	463	242	263	122	126
14	832	182	397	289	437	822	631	509	240	445	120	244
15	742	183	396	285	423	650	619	437	243	316	125	1290
16	462	182	349	273	416	587	590	416	230	262	206	848
17	379	180	361	266	401	560	558	406	223	231	180	380
18	341	178	755	266	386	563	556	440	219	213	185	293
19	318	178	528	384	379	529	570	410	213	202	161	265
20	302	178	443	882	398	522	521	382	206	196	158	248
21	287	174	392	640	443	646	498	369	201	188	149	836
22	277	171	362	619	393	598	480	366	193	196	133	1150
23	268	180	368	949	377	536	454	355	209	197	129	745
24	258	538	609	1000	367	512	444	348	261	222	138	502
25	266	481	468	1320	356	489	483	336	234	277	151	434
26	242	428	417	941	353	478	456	328	420	260	239	1260
27	232	332	385	746	342	544	438	328	433	226	540	3400
28	229	299	363	649	332	484	436	339	312	198	262	1750
29	226	271	348	589	---	465	426	316	267	186	189	982
30	226	315	331	546	---	619	396	306	265	174	168	727
31	223	---	318	524	---	806	---	304	---	168	161	---
TOTAL	9023	7073	11558	15361	12510	17502	16490	14386	8347	7530	5253	17102
MEAN	291	236	373	496	447	565	550	464	278	243	169	570
MAX	832	538	755	1320	791	1040	945	1060	433	445	540	3400
MIN	193	171	235	266	332	328	396	304	193	168	120	112
CFSM	1.41	1.14	1.80	2.39	2.16	2.73	2.66	2.24	1.34	1.17	0.82	2.75
IN.	1.62	1.27	2.08	2.76	2.25	3.15	2.96	2.59	1.50	1.35	0.94	3.07

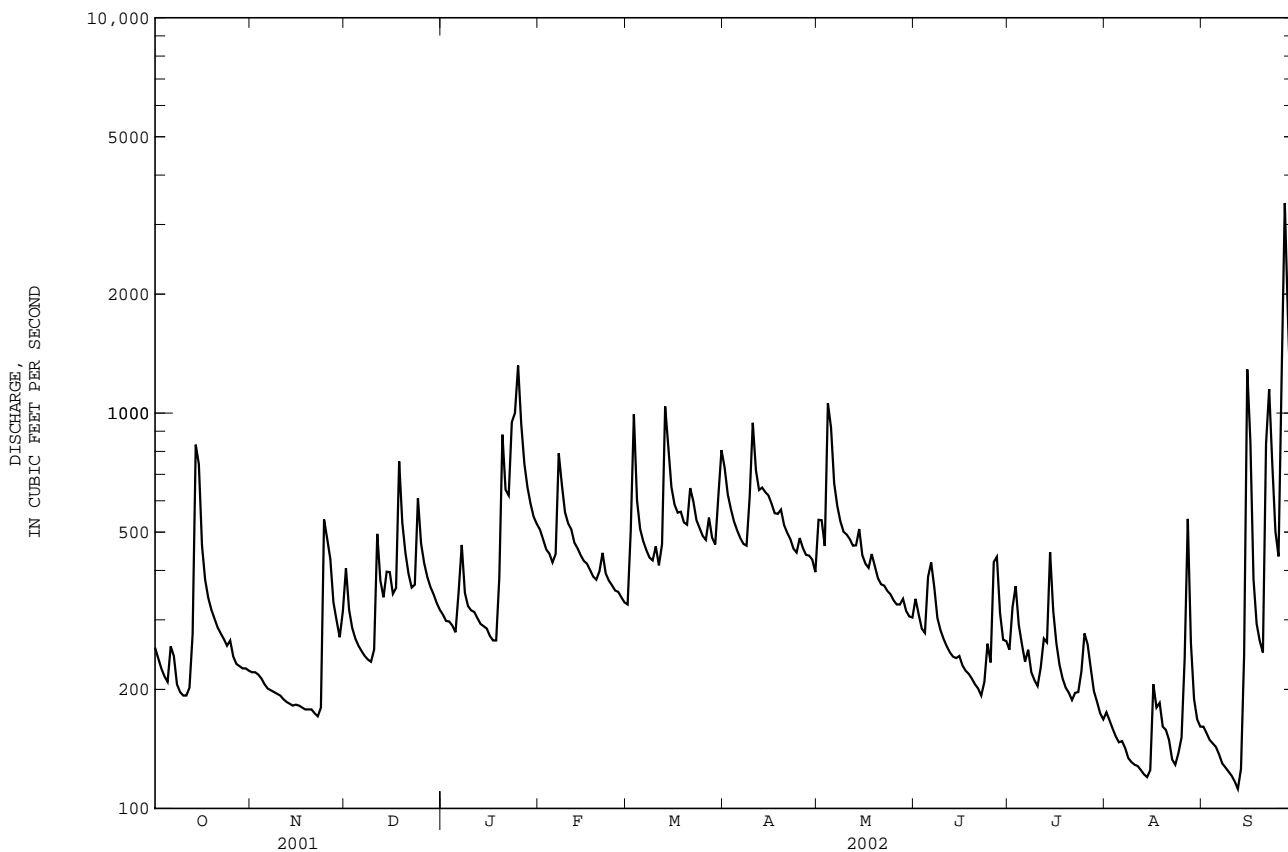
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 2002, BY WATER YEAR (WY)

MEAN	433	498	641	770	864	940	888	714	588	498	476	427
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 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1940 - 2002	
ANNUAL TOTAL	117809		142135		644	
ANNUAL MEAN	323		389		1098	
HIGHEST ANNUAL MEAN					298	
LOWEST ANNUAL MEAN					1949	
HIGHEST DAILY MEAN	1270	Sep 24	3400	Sep 27	14800	Aug 30 1940
LOWEST DAILY MEAN	147	Jun 21	112	Sep 12	88	Oct 8 1954
ANNUAL SEVEN-DAY MINIMUM	156	Jun 16	122	Sep 7	90	Oct 7 1954
MAXIMUM PEAK FLOW			4980	Sep 27	a 29000	Aug 30 1940
MAXIMUM PEAK STAGE			4.88	Sep 27	13.80	Aug 30 1940
INSTANTANEOUS LOW FLOW			109	Sep 12	88	Oct 8 1954
ANNUAL RUNOFF (CFSM)	1.56		1.88		3.11	
ANNUAL RUNOFF (INCHES)	21.17		25.54		42.25	
10 PERCENT EXCEEDS	514		639		1150	
50 PERCENT EXCEEDS	269		328		519	
90 PERCENT EXCEEDS	179		168		221	

a From rating curve extended above 4,700 ft<sup>3</sup>/s on basis of slope-area measurements at gage-heights 9.9 and 13.2 ft.



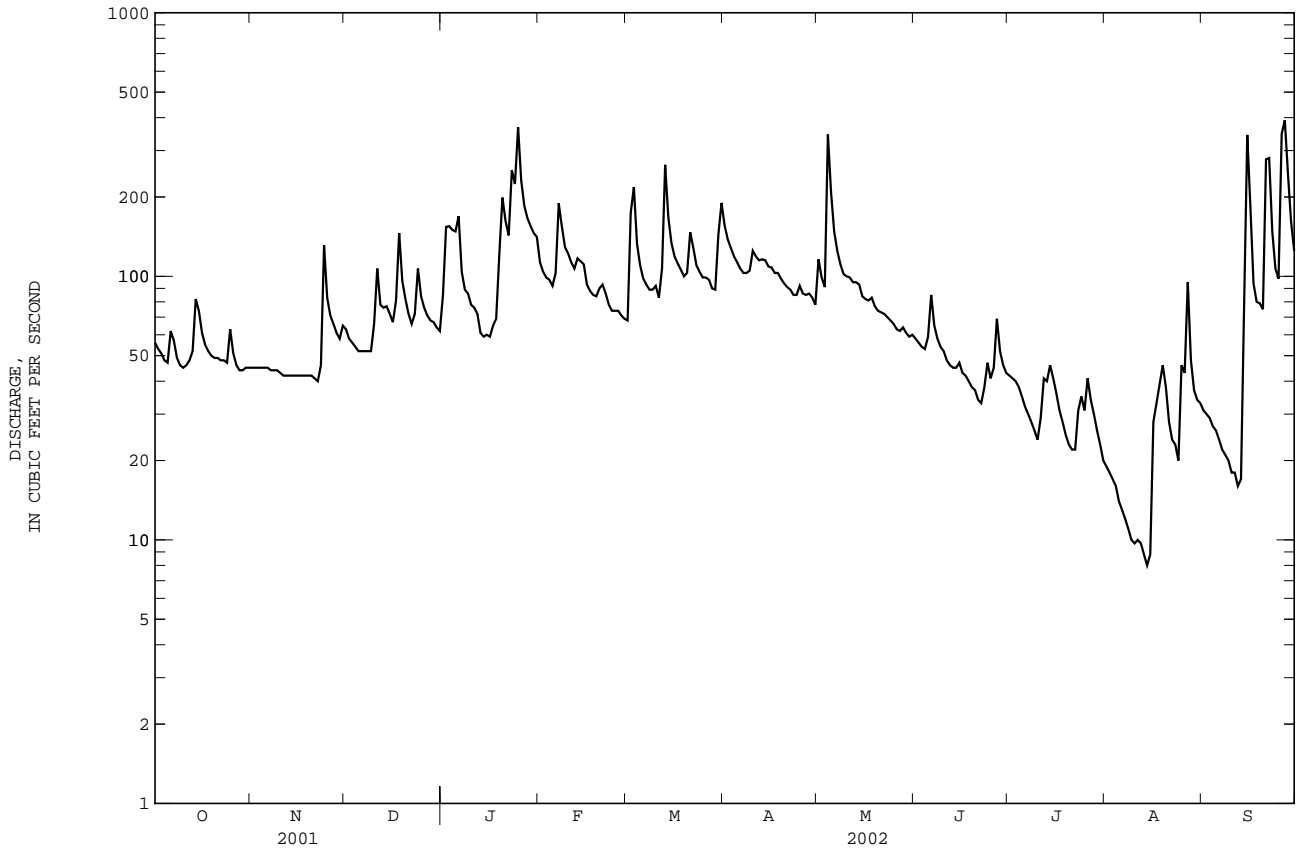




02185200 LITTLE RIVER NEAR WALHALLA, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1967 - 2002	
ANNUAL TOTAL	28854		29045.0		172	
ANNUAL MEAN	79.1		79.6		255	
HIGHEST ANNUAL MEAN					1980	
LOWEST ANNUAL MEAN					2002	
HIGHEST DAILY MEAN	366	Jan 19	391	Sep 27	10000	Jun 4 1967
LOWEST DAILY MEAN	40	Nov 22	8.0	Aug 14	8.0	Aug 14 2002
ANNUAL SEVEN-DAY MINIMUM	42	Nov 16	9.3	Aug 9	9.3	Aug 9 2002
MAXIMUM PEAK FLOW			733	Sep 15	b 12800	Jun 4 1967
MAXIMUM PEAK STAGE			2.77	Sep 15	12.29	Jun 4 1967
INSTANTANEOUS LOW FLOW			7.8 a	Aug 13	7.8 a	Aug 13 2002
ANNUAL RUNOFF (CFSM)	1.10		1.11		2.38	
ANNUAL RUNOFF (INCHES)	14.91		15.01		32.40	
10 PERCENT EXCEEDS	127		146		292	
50 PERCENT EXCEEDS	67		66		137	
90 PERCENT EXCEEDS	46		27		60	

a Also occurred Aug. 14, 15.  
 b From rating curve extended above 3,060 ft<sup>3</sup>/s.  
 e Estimated



## SAVANNAH RIVER BASIN

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 mi<sup>2</sup>.

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

GAGE.--Data collection platform. Elevation of gage is 740 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 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	21	24	31	37	71	36	163	73	28	16	5.6	19
2	21	24	29	37	64	115	117	57	26	17	5.3	18
3	21	24	28	39	60	150	99	48	25	15	6.9	16
4	20	24	28	39	57	87	86	221	24	16	5.8	14
5	20	23	27	38	55	69	79	147	36	13	5.1	13
6	40	23	28	70	73	61	74	84	48	13	4.8	11
7	30	24	28	63	152	56	68	68	42	12	4.3	11
8	25	23	28	54	99	52	66	57	34	11	3.6	11
9	24	23	26	48	77	51	70	50	29	10	3.1	10
10	23	23	39	45	66	53	72	51	e27	9.5	3.5	9.3
11	23	23	70	50	62	48	66	56	e25	12	3.7	9.3
12	23	23	46	50	58	82	63	48	e23	11	27	8.0
13	24	22	44	49	56	292	64	75	e21	13	19	11
14	29	24	44	47	55	155	67	71	e20	17	3.7	59
15	28	23	42	46	64	100	60	49	22	14	3.5	709
16	24	23	36	45	62	83	57	44	21	11	4.3	314
17	24	23	49	44	59	76	54	42	20	10	5.3	129
18	24	23	107	42	105	70	52	41	19	8.7	7.9	112
19	25	24	62	163	93	66	50	38	18	7.6	6.2	79
20	24	24	49	207	67	65	47	37	17	7.0	6.2	66
21	24	23	44	136	49	98	45	36	16	7.1	6.5	159
22	24	24	41	94	43	77	43	35	15	7.0	5.6	159
23	24	27	44	128	42	66	41	35	20	8.1	7.1	102
24	23	79	63	157	40	62	39	34	22	24	6.8	71
25	34	39	49	364	38	58	50	33	21	18	16	67
26	24	34	46	162	38	59	43	31	29	13	24	236
27	23	32	43	115	37	64	40	34	23	11	238	239
28	23	30	43	93	37	56	40	40	20	9.2	49	146
29	23	29	42	79	---	52	37	33	20	8.0	31	96
30	24	32	39	77	---	207	35	30	18	6.8	25	73
31	23	---	38	73	---	377	---	30	---	5.9	22	---
TOTAL	762	816	1333	2691	1779	2943	1887	1728	729	361.9	565.8	2976.6
MEAN	24.6	27.2	43.0	86.8	63.5	94.9	62.9	55.7	24.3	11.7	18.3	99.2
MAX	40	79	107	364	152	377	163	221	48	24	238	709
MIN	20	22	26	37	37	36	35	30	15	5.9	3.1	8.0
CFSM	0.38	0.42	0.66	1.33	0.97	1.45	0.96	0.85	0.37	0.18	0.28	1.52
IN.	0.43	0.46	0.76	1.53	1.01	1.67	1.07	0.98	0.41	0.21	0.32	1.69

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 2002, BY WATER YEAR (WY)

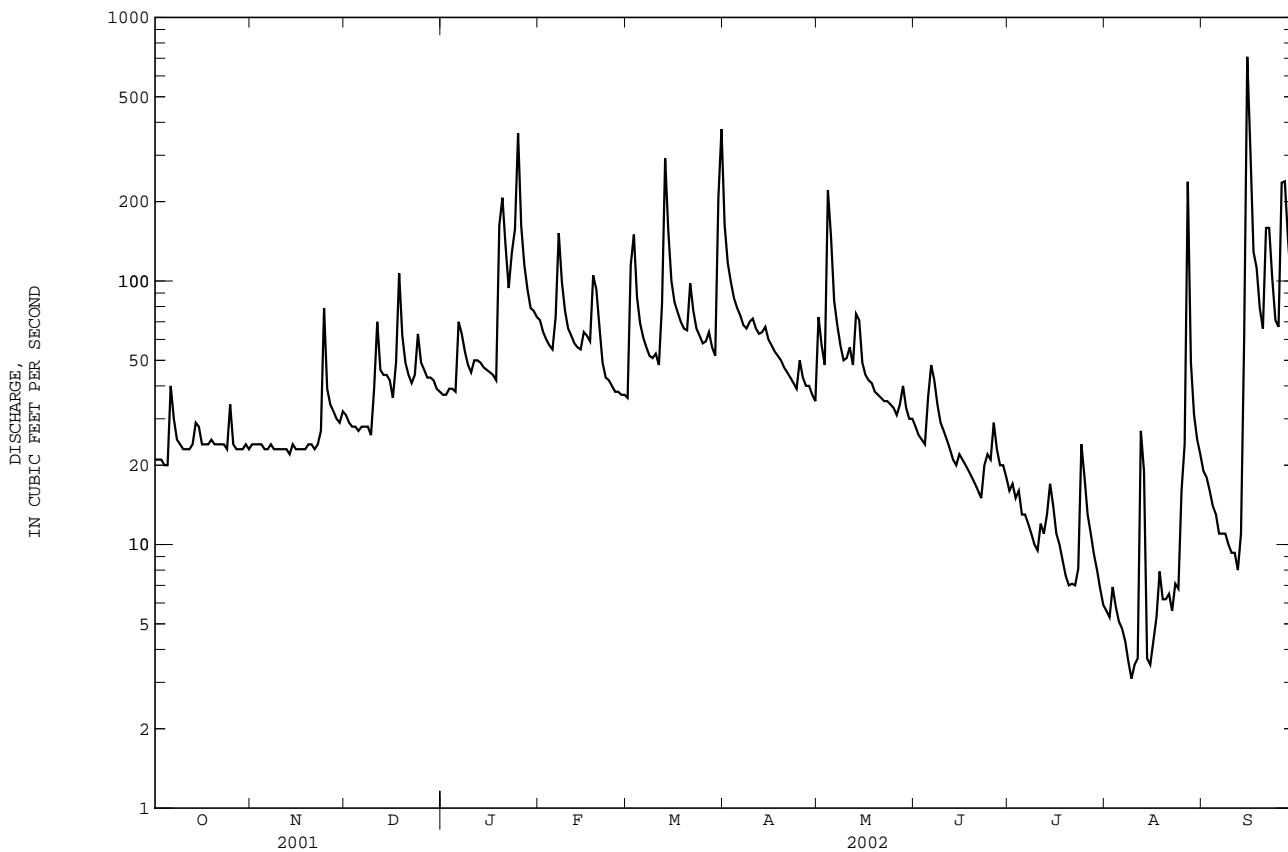
	110	95.0	103	157	169	177	128	101	87.8	73.3	97.7	72.1
MEAN	110	95.0	103	157	169	177	128	101	87.8	73.3	97.7	72.1
MAX	254	281	259	349	371	323	248	199	152	255	290	127
(WY)	1996	1993	1993	1993	1998	1990	1998	1998	1989	1989	1994	1992
MIN	24.6	27.2	43.0	75.5	61.2	87.2	59.9	33.3	24.3	11.7	18.3	26.8
(WY)	2002	2002	2002	2001	2001	1999	2001	2001	2002	2002	2002	1999

02186645 CONERROSS CREEK NEAR SENECA, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1989 - 2002	
ANNUAL TOTAL	17169		18572.3		113	
ANNUAL MEAN	47.0		50.9		180	
HIGHEST ANNUAL MEAN					50.2	
LOWEST ANNUAL MEAN					2800	
HIGHEST DAILY MEAN	323	Jan 19	709	Sep 15	2800	Mar 17 1990
LOWEST DAILY MEAN	13	a Aug 27	3.1	Aug 9	3.1	Aug 9 2002
ANNUAL SEVEN-DAY MINIMUM	14	Aug 24	4.0	Aug 5	4.0	Aug 5 2002
MAXIMUM PEAK FLOW			1600		3590	
MAXIMUM PEAK STAGE			10.93		15.26	
ANNUAL RUNOFF (CFSM)	0.72		0.78		1.73	
ANNUAL RUNOFF (INCHES)	9.77		10.56		23.54	
10 PERCENT EXCEEDS	81		97		200	
50 PERCENT EXCEEDS	38		37		79	
90 PERCENT EXCEEDS	21		9.8		35	

a Also occurred Aug. 28-30, 2001.

e Estimated



## SAVANNAH RIVER BASIN

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 mi<sup>2</sup>.

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 good except for estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15	21	26	37	47	33	81	58	25	20	5.7	24
2	16	22	26	37	44	81	61	39	23	e18	e5.1	22
3	16	17	25	38	43	94	50	32	22	16	6.6	20
4	16	20	24	33	41	52	45	165	21	20	5.3	19
5	16	20	25	29	38	48	44	68	89	15	4.2	17
6	22	20	25	46	55	47	43	40	41	14	4.2	16
7	19	21	25	41	132	46	42	36	29	12	4.1	13
8	16	23	26	33	134	42	41	38	24	11	3.3	14
9	15	23	27	31	72	41	43	37	21	10	3.4	12
10	16	21	41	31	49	34	45	35	20	13	3.9	11
11	17	17	63	30	45	33	43	34	19	17	3.9	10
12	18	21	37	26	58	70	42	32	20	16	3.4	8.7
13	20	21	35	22	76	200	46	64	21	18	3.9	18
14	19	23	35	29	54	81	46	52	19	21	3.4	87
15	21	23	35	29	39	61	44	33	20	21	3.5	393
16	20	24	33	29	39	58	41	31	19	19	77	163
17	19	25	42	29	38	57	39	30	19	15	45	46
18	21	21	67	30	34	51	41	38	18	11	28	38
19	21	19	41	123	31	47	40	26	18	9.8	24	38
20	23	13	37	162	36	50	38	28	16	8.5	15	29
21	23	17	36	77	39	80	36	27	14	8.5	11	43
22	21	16	36	62	34	60	34	27	14	8.4	8.2	49
23	20	14	39	111	34	49	33	26	16	8.2	8.7	33
24	20	27	48	132	27	47	33	25	18	14	9.7	26
25	25	e24	40	302	32	52	40	24	21	13	25	32
26	21	24	39	97	33	53	34	23	24	13	42	73
27	14	24	38	60	32	57	32	24	34	9.8	55	74
28	12	24	38	56	32	47	31	24	25	8.8	23	52
29	19	24	37	53	---	45	29	22	18	7.5	19	40
30	19	25	37	50	---	124	26	23	16	6.4	22	35
31	20	---	37	48	---	219	---	26	---	5.3	27	---
TOTAL	580	634	1120	1913	1368	2059	1243	1187	704	408.2	503.5	1455.7
MEAN	18.7	21.1	36.1	61.7	48.9	66.4	41.4	38.3	23.5	13.2	16.2	48.5
MAX	25	27	67	302	134	219	81	165	89	21	77	393
MIN	12	13	24	22	27	33	26	22	14	5.3	3.3	8.7
CFSM	0.40	0.45	0.77	1.31	1.04	1.41	0.88	0.81	0.50	0.28	0.35	1.03
IN.	0.46	0.50	0.89	1.51	1.08	1.63	0.98	0.94	0.56	0.32	0.40	1.15

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2002, BY WATER YEAR (WY)

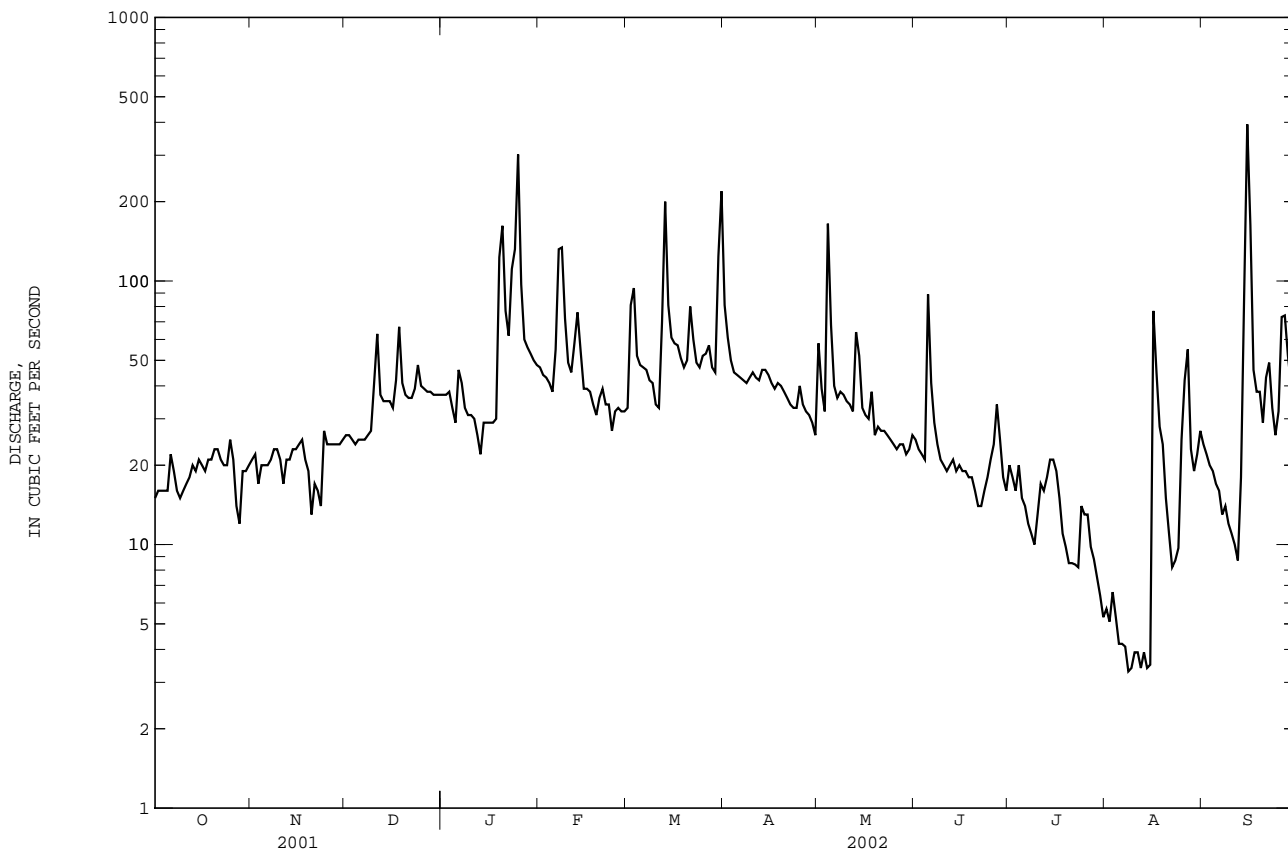
	1998	1999	2000	2001	2002
MEAN	34.9	33.5	48.4	62.4	58.0
MAX	53.5	44.4	59.1	82.9	89.4
(WY)	2000	1999	1999	1999	2001
MIN	17.3	21.1	36.1	51.5	39.2
(WY)	2001	2002	2002	2001	2001

02186699 EIGHTEENMILE CREEK ABOVE PENDLETON, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1998 - 2002	
ANNUAL TOTAL	13101		13175.4			
ANNUAL MEAN	35.9		36.1		42.0	
HIGHEST ANNUAL MEAN					52.0	1999
LOWEST ANNUAL MEAN					36.1	2002
HIGHEST DAILY MEAN	214	Jan 19	393	Sep 15	625	Mar 20 2000
LOWEST DAILY MEAN	12	a Aug 27	3.3	Aug 8	3.3	Aug 8 2002
ANNUAL SEVEN-DAY MINIMUM	13	Aug 22	3.6	Aug 8	3.6	Aug 8 2002
MAXIMUM PEAK FLOW			738	Sep 15	1380	Aug 13 2001
MAXIMUM PEAK STAGE			5.56	Sep 15	6.96	Aug 13 2001
ANNUAL RUNOFF (CFSM)	0.000		0.000		0.000	
ANNUAL RUNOFF (INCHES)	0.00		0.00		0.00	
10 PERCENT EXCEEDS	53		60		66	
50 PERCENT EXCEEDS	31		27		35	
90 PERCENT EXCEEDS	16		12		17	

a Also occurred Aug. 28, Sep. 23.

e Estimated

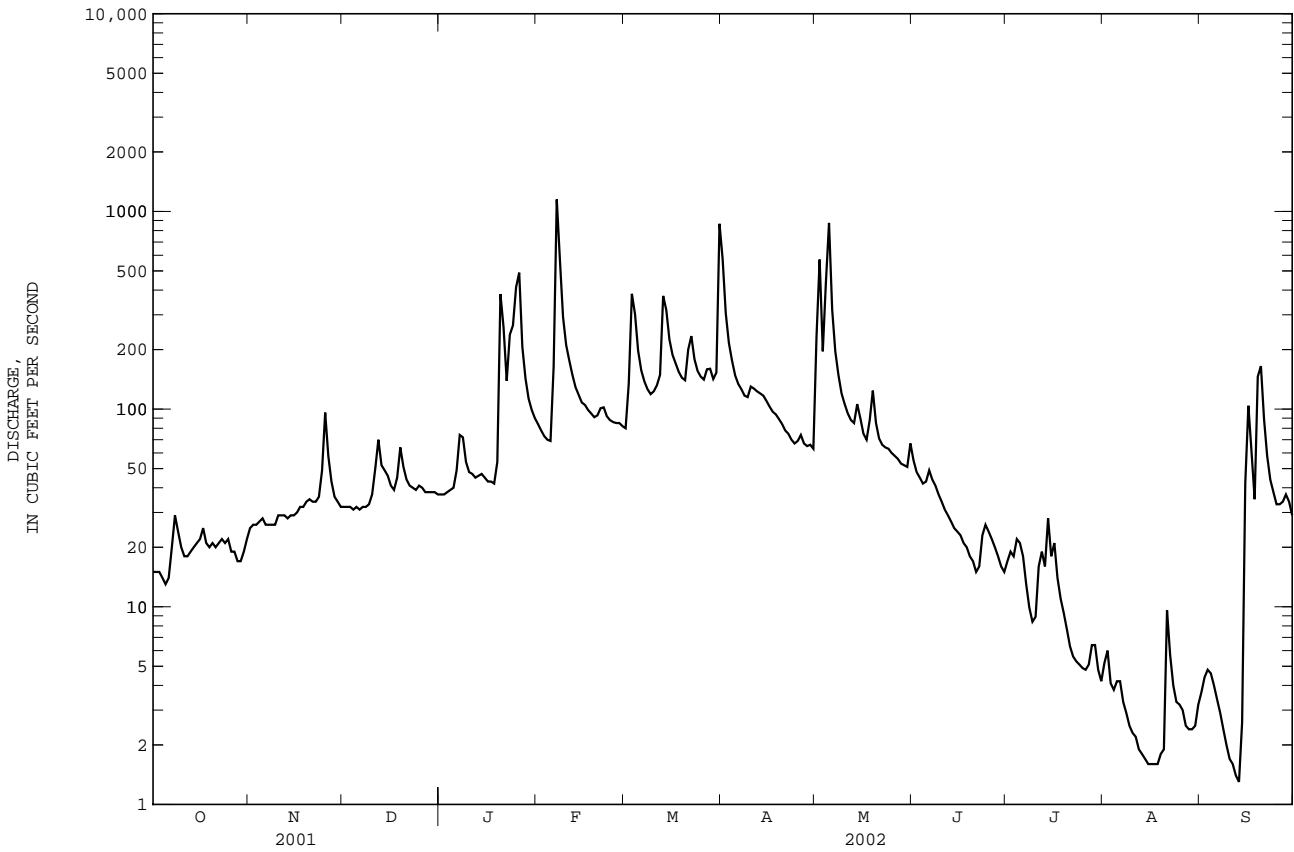




02192500 LITTLE RIVER NEAR MOUNT CARMEL, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1940 - 2002	
ANNUAL TOTAL	33925		28498.9		206	
ANNUAL MEAN	92.9		78.1		456	
HIGHEST ANNUAL MEAN					1964	
LOWEST ANNUAL MEAN					1988	
HIGHEST DAILY MEAN	2010	Mar 30	1150	Feb 7	15200	Aug 14 1940
LOWEST DAILY MEAN	13	a Sep 17	1.3	Sep 13	1.0	Oct 8 1954
ANNUAL SEVEN-DAY MINIMUM	13	Sep 17	1.7	Aug 13	1.1	Aug 27 1988
MAXIMUM PEAK FLOW			1410	Feb 7	20800	Aug 14 1940
MAXIMUM PEAK STAGE			7.68	Feb 7	29.60	Aug 14 1940
INSTANTANEOUS LOW FLOW			1.2	Sep 13	0.70	Oct 9 1954
ANNUAL RUNOFF (CFSM)	0.43		0.36		0.95	
ANNUAL RUNOFF (INCHES)	5.82		4.89		12.90	
10 PERCENT EXCEEDS	155		164		364	
50 PERCENT EXCEEDS	52		39		104	
90 PERCENT EXCEEDS	20		4.2		35	

a Also occurred Sep. 18-23.





## SANTEE RIVER BASIN

02192500 LITTLE RIVER NEAR MT. CARMEL, SC--Continued

## PRECIPITATION RECORDS

PERIOD OF RECORD.--February 2001 to September 2002.

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	0.01	0.00	0.00	0.00	---	0.10	0.89	0.06	0.02	0.00	1.92
2	0.00	0.00	0.00	0.00	0.00	---	0.07	0.24	0.00	0.17	0.11	0.00
3	0.00	0.00	0.00	0.00	0.03	---	0.01	0.07	0.05	0.11	0.01	0.00
4	0.00	0.00	0.00	0.11	0.02	---	0.05	1.07	0.05	0.00	0.00	0.00
5	0.00	0.00	0.00	0.17	0.00	---	0.01	0.00	0.59	0.00	0.00	0.00
6	0.28	0.00	0.00	0.89	2.34	---	0.00	0.07	0.03	0.00	0.00	0.00
7	0.00	0.13	0.00	0.00	0.22	---	0.00	0.17	0.06	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	---	0.03	0.02	0.00	0.00	0.01	0.00
9	0.00	0.00	0.00	0.00	0.00	0.28	0.56	0.11	0.00	0.00	0.00	0.00
10	0.01	0.00	1.03	0.00	0.00	0.00	0.27	0.03	0.01	0.72	0.00	0.00
11	0.00	0.00	0.03	---	0.09	0.03	0.04	0.00	0.02	0.03	0.00	0.00
12	0.00	0.02	0.01	---	0.06	0.70	0.08	0.00	0.06	0.03	0.00	0.00
13	0.00	0.02	0.14	0.00	0.10	0.10	0.03	0.58	0.01	0.45	0.00	0.36
14	0.31	0.00	0.00	0.00	0.00	0.03	0.00	0.05	0.12	0.01	0.01	2.85
15	0.00	0.00	0.00	0.05	0.10	0.00	0.07	0.02	0.02	0.00	0.09	0.56
16	0.00	0.00	0.00	0.00	0.04	0.00	0.07	0.00	0.00	0.00	0.00	0.01
17	0.00	0.00	0.70	0.00	0.00	0.00	0.02	0.01	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.01	0.02	0.02	0.68	0.00	0.00	0.00	0.59
19	0.00	0.00	0.00	1.63	0.04	0.01	0.00	0.00	0.03	0.00	0.02	0.22
20	0.00	0.00	0.15	0.00	0.23	0.02	0.00	0.04	0.04	0.00	0.00	0.00
21	0.00	0.00	0.00	0.15	---	0.70	0.00	0.09	0.03	0.00	0.00	0.00
22	0.00	0.00	0.00	0.30	---	0.00	0.01	0.01	0.61	0.02	0.00	0.00
23	0.00	1.60	0.04	0.56	---	0.00	0.07	0.01	0.03	0.00	0.00	0.01
24	0.00	0.01	0.00	0.58	---	0.00	0.06	0.01	0.23	0.00	0.50	0.00
25	0.00	0.01	0.00	0.26	---	0.02	0.30	0.00	0.15	0.02	0.81	0.18
26	0.04	0.00	0.00	0.00	---	0.12	0.00	0.00	0.34	0.26	0.01	0.30
27	0.00	0.00	0.00	0.00	---	0.07	0.00	0.02	0.08	0.00	0.00	0.06
28	0.00	0.00	0.00	0.01	---	0.02	0.01	0.04	0.01	0.45	0.00	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.02	0.07	0.04	0.16	0.00	0.00
30	0.00	0.02	0.00	0.00	---	1.82	0.00	0.24	0.00	0.00	0.07	0.03
31	0.00	---	0.00	0.06	---	0.43	---	0.09	---	0.04	0.06	---
TOTAL	0.64	1.82	2.10	---	---	---	1.90	4.63	2.67	2.49	1.70	7.09

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 mi<sup>2</sup>.

## 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 fair except for estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.37	0.60	0.84	0.77	0.69	1.8	3.7	15	0.66	0.50	0.32	0.16
2	0.43	0.83	0.80	0.79	0.65	10	1.7	1.5	0.62	0.50	0.25	0.17
3	0.42	0.64	0.75	1.0	0.61	7.2	1.4	1.6	0.59	0.54	0.21	0.16
4	0.39	0.56	0.76	0.82	0.63	3.3	1.4	14	0.57	0.47	0.14	0.15
5	0.38	0.57	0.85	0.81	0.59	2.8	1.5	1.3	0.82	0.44	0.15	0.15
6	0.71	0.69	0.81	2.8	22	2.6	1.6	0.64	0.63	0.43	0.16	0.14
7	0.36	0.60	0.72	1.0	10	2.4	1.5	0.64	0.61	0.36	0.16	0.14
8	0.31	0.59	0.84	0.90	3.6	2.3	1.6	0.76	0.57	0.39	0.15	0.10
9	0.37	0.60	0.70	0.82	2.7	2.7	2.5	0.75	0.56	0.37	0.12	0.09
10	0.41	0.63	2.3	0.83	2.3	2.5	2.0	0.77	0.55	0.48	0.12	0.12
11	0.40	0.57	1.2	0.78	2.1	2.5	1.8	0.87	0.55	0.86	0.11	0.12
12	0.42	0.67	0.84	0.98	e2.0	6.6	1.8	0.80	0.54	0.56	0.11	0.10
13	0.45	0.70	0.92	0.81	e2.2	5.5	1.7	1.6	0.52	1.4	0.14	0.12
14	1.0	0.73	0.80	0.76	2.0	3.8	1.6	0.88	0.58	0.63	0.15	8.7
15	0.40	0.75	0.75	0.74	2.1	3.5	1.6	0.71	0.65	0.32	0.30	5.0
16	0.47	0.73	0.66	0.72	2.0	3.3	1.6	0.72	0.55	0.30	0.18	1.6
17	0.51	0.75	2.1	0.73	e1.9	3.1	1.5	0.71	0.52	0.27	0.14	1.0
18	0.51	0.68	1.3	0.73	e1.8	3.3	1.5	2.8	0.47	0.26	0.12	3.5
19	0.48	0.73	0.86	12	e1.8	3.5	1.5	0.98	0.51	0.23	1.5	1.1
20	0.47	0.76	0.81	1.9	2.3	3.6	1.5	0.85	0.46	0.23	0.45	0.89
21	0.46	0.72	0.84	0.98	1.8	5.8	1.4	0.78	0.45	0.19	0.28	0.82
22	0.52	0.67	0.80	0.76	1.7	3.9	1.4	0.76	1.1	0.21	0.19	0.73
23	0.51	3.0	0.76	4.8	1.7	3.7	1.4	0.71	0.83	0.23	0.17	0.80
24	0.48	2.8	0.88	1.7	1.6	3.5	1.4	0.69	0.68	0.24	0.10	0.78
25	0.49	0.88	0.74	4.7	1.6	3.6	2.0	0.69	0.65	0.20	0.23	0.86
26	0.46	0.77	0.78	1.1	1.7	4.0	1.3	0.64	0.79	0.22	0.21	1.2
27	0.51	0.77	0.78	0.82	1.6	3.7	1.3	0.65	0.83	0.21	0.19	2.1
28	0.55	0.76	0.89	0.76	1.7	3.6	1.2	0.65	0.61	0.16	0.18	0.92
29	0.67	0.77	0.80	0.73	---	3.5	1.2	0.67	0.58	0.16	0.19	0.77
30	0.86	0.79	0.70	0.74	---	9.6	1.2	1.7	0.49	0.21	0.23	0.83
31	0.83	---	0.77	0.75	---	13	---	0.76	---	0.25	0.24	---
TOTAL	15.60	25.31	28.35	48.53	77.37	134.2	48.8	56.58	18.54	11.82	7.19	33.32
MEAN	0.50	0.84	0.91	1.57	2.76	4.33	1.63	1.83	0.62	0.38	0.23	1.11
MAX	1.0	3.0	2.3	12	22	13	3.7	15	1.1	1.4	1.5	8.7
MIN	0.31	0.56	0.66	0.72	0.59	1.8	1.2	0.64	0.45	0.16	0.10	0.09
CFSM	0.16	0.26	0.28	0.48	0.85	1.34	0.50	0.56	0.19	0.12	0.07	0.34
IN.	0.18	0.29	0.33	0.56	0.89	1.54	0.56	0.65	0.21	0.14	0.08	0.38

## STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2002, BY WATER YEAR (WY)

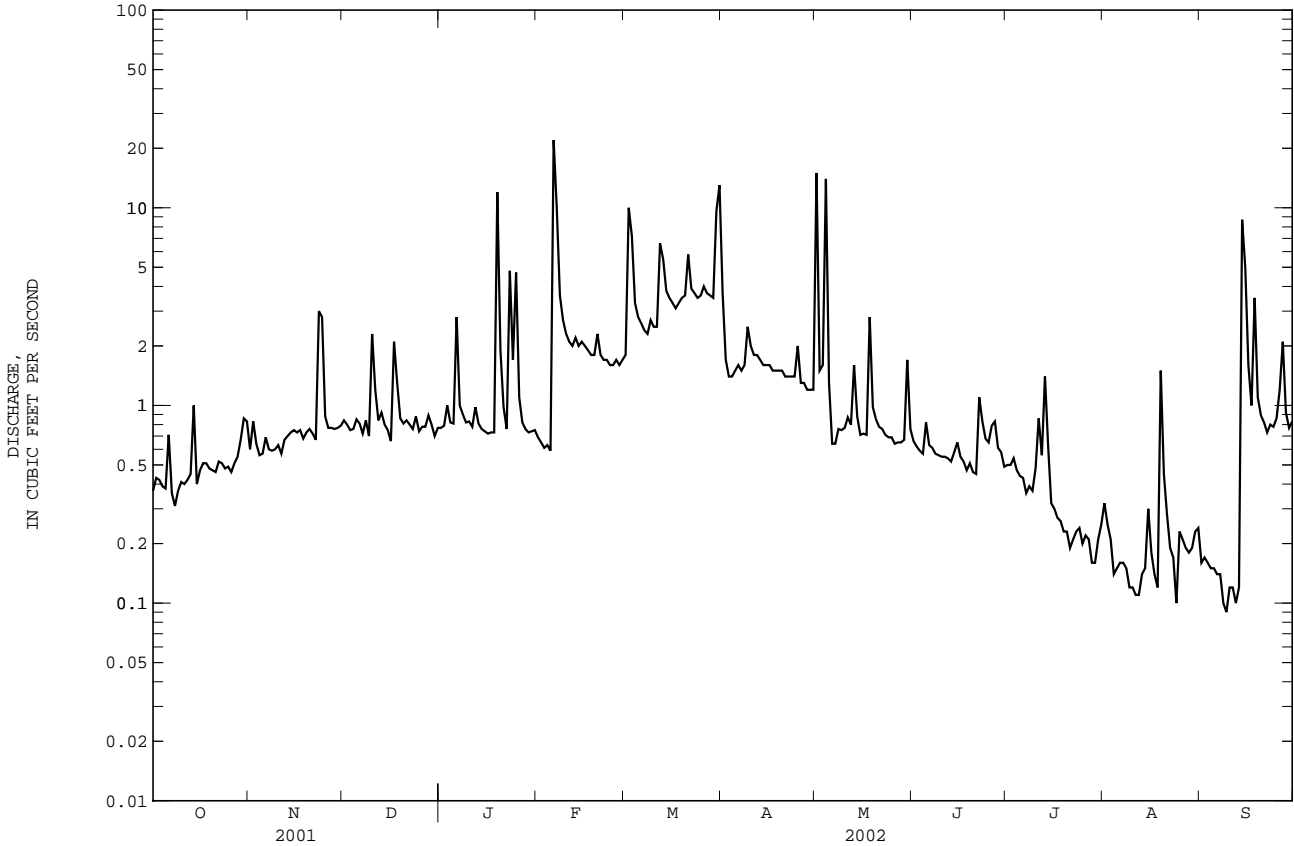
	1998	1999	2000	2001	2002
MEAN	1.02	1.42	1.47	2.47	3.04
MAX	1.46	2.17	2.13	3.59	4.67
(WY)	1999	1999	1999	1999	1999
MIN	0.50	0.84	0.91	1.57	2.02
(WY)	2002	2002	2002	2002	2001

SAVANNAH RIVER BASIN

02192830 BLUE HILL CREEK AT ABBEVILLE, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR	FOR 2002 WATER YEAR	WATER YEARS 1998 - 2002	
ANNUAL TOTAL	602.59	505.61		
ANNUAL MEAN	1.65	1.39	1.91	
HIGHEST ANNUAL MEAN			2.40	1999
LOWEST ANNUAL MEAN			1.39	2002
HIGHEST DAILY MEAN	33 Mar 15	22 Feb 6	82 Mar 8	1998
LOWEST DAILY MEAN	0.31 Oct 8	0.09 Sep 9	0.09 Sep 9	2002
ANNUAL SEVEN-DAY MINIMUM	0.39 Oct 7	0.11 Sep 7	0.11 Sep 7	2002
MAXIMUM PEAK FLOW		122 Feb 6	294 Jul 25	2000
MAXIMUM PEAK STAGE		3.96 Feb 6	8.58 Jul 25	2000
ANNUAL RUNOFF (CFSM)	0.51	0.43	0.59	
ANNUAL RUNOFF (INCHES)	6.92	5.81	8.00	
10 PERCENT EXCEEDS	2.8	2.9	2.9	
50 PERCENT EXCEEDS	0.93	0.76	1.3	
90 PERCENT EXCEEDS	0.48	0.20	0.51	

e Estimated



02192830 BLUE HILL CREEK AT ABBEVILLE, SC--Continued

## PRECIPITATION RECORDS

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

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

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

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 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	0.00	0.00	0.00	0.00	0.01	2.21	0.00	0.00	0.27	0.00
2	0.00	0.00	0.00	0.00	0.00	1.48	0.00	0.00	0.00	0.00	0.13	0.00
3	0.00	0.00	0.00	0.00	0.04	0.40	0.00	0.16	0.00	0.23	0.00	0.00
4	0.00	0.00	0.00	0.21	0.01	0.00	0.00	1.29	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.19	0.00	0.00	0.00
6	0.37	0.00	0.00	0.71	2.28	0.00	0.00	0.00	0.01	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	---	0.01	---	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	---	0.56	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	1.02	0.00	0.00	---	0.04	0.00	0.00	0.13	0.00	0.00
11	0.00	0.00	0.02	---	---	---	0.01	0.08	0.00	0.16	0.00	0.00
12	0.03	---	0.03	---	---	---	0.07	0.00	0.00	0.00	0.00	0.00
13	0.00	---	0.14	0.01	---	---	0.00	0.49	0.00	1.02	0.00	0.03
14	0.61	---	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.09	2.90
15	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	1.02
16	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.64	0.00	---	0.00	0.00	0.03	0.00	0.00	0.02	0.00
18	0.00	0.00	0.00	0.01	---	0.00	0.00	0.88	0.00	0.00	0.00	0.86
19	0.00	0.00	0.00	1.83	---	0.00	0.00	0.00	0.00	0.00	0.79	0.00
20	0.00	0.00	0.00	0.00	---	0.04	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.13	---	0.65	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.26	---	0.00	0.00	0.00	0.32	0.05	0.00	0.00
23	0.00	1.83	0.07	0.67	---	0.00	0.00	0.00	0.20	0.00	0.00	0.00
24	0.01	0.01	0.00	0.57	---	0.00	0.00	0.00	0.00	0.01	0.00	0.00
25	0.00	0.00	0.00	0.19	0.00	0.00	0.40	0.00	0.00	0.00	0.18	0.07
26	0.00	0.00	0.00	0.00	0.01	0.21	0.00	0.00	0.02	0.07	0.13	0.48
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.02	0.00	0.00	---	1.53	0.00	0.56	0.00	0.00	0.04	0.00
31	0.00	---	0.00	0.03	---	0.47	---	0.00	---	0.02	0.03	---
TOTAL	1.02	---	1.92	---	---	---	1.12	5.70	0.75	1.69	1.90	5.37

## SAVANNAH RIVER BASIN

02196000 STEVENS CREEK NEAR MODOC, SC

LOCATION.--Lat 33°43'45'', long 82°10'55'', Edgefield County, Hydrologic Unit 03060107, on left bank, 15 ft upstream of bridge on State Highway 23, 1.4 mi east of Modoc, and 3.2 mi downstream from Turkey Creek.

DRAINAGE AREA.--545 mi<sup>2</sup>.

PERIOD OF RECORD.--November 1929 to September 1931, February 1940 to September 1978, November 1983 to current year. Monthly discharge only for some periods, published in WSP 1303.

REVISED RECORDS.--WSP 1032: Drainage area. WSP 1533: 1954(M).

GAGE.--Data collection platform. Datum of gage is 196.34 ft above NGVD of 1929 (levels by Southeastern Power Administration). Prior to September 6, 1999, at present site at datum 1.00 ft higher. October 15, 1929 to September 30, 1931, nonrecording gage at site 1,100 ft upstream at different datum.

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

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.1	1.3	4.8	6.1	28	19	3270	25	12	4.7	4.7	4.2
2	2.1	1.3	3.9	6.2	23	60	1390	104	12	6.8	5.1	4.2
3	1.4	1.3	3.0	7.6	19	1260	443	211	11	5.9	2.9	3.7
4	1.1	1.2	2.5	9.0	17	1020	296	95	10	5.7	1.9	4.0
5	0.84	0.98	2.2	8.5	15	343	210	184	9.3	4.8	1.3	3.5
6	0.87	0.85	2.2	12	28	185	160	235	8.5	4.1	0.92	2.8
7	0.67	0.71	3.3	21	1860	126	130	115	7.9	3.3	0.67	2.4
8	0.63	0.62	3.7	43	1140	96	110	77	7.5	2.9	2.8	2.1
9	0.82	0.62	3.8	33	381	81	96	58	6.6	2.4	2.8	2.0
10	0.69	0.64	4.9	24	186	75	113	46	5.9	2.5	2.3	1.7
11	0.58	0.22	8.4	18	125	75	327	37	5.5	2.6	1.9	1.3
12	0.71	0.19	9.1	15	89	76	310	31	5.2	2.8	1.3	1.1
13	1.1	0.41	16	15	71	358	259	29	4.7	3.6	0.92	0.79
14	2.8	0.36	15	14	59	678	268	58	4.5	3.8	0.77	5.0
15	2.7	0.61	11	14	51	315	205	77	4.5	3.0	0.94	22
16	e2.5	1.0	8.6	16	44	193	151	63	3.7	3.6	1.7	25
17	e1.1	1.4	7.6	14	39	139	119	42	3.2	4.3	2.7	26
18	0.97	1.5	8.8	13	35	112	99	52	3.0	3.4	1.8	1350
19	0.65	2.0	10	13	31	99	83	205	3.0	2.8	3.0	407
20	0.39	2.1	19	57	29	85	72	115	2.9	2.2	5.0	85
21	0.27	2.2	15	161	32	118	63	69	2.7	2.2	2.2	45
22	0.28	2.2	11	96	32	390	55	47	2.8	2.2	1.3	24
23	0.49	2.9	9.4	65	31	251	45	36	2.9	2.4	0.75	16
24	0.50	8.1	8.5	86	29	157	43	29	3.4	3.2	0.51	12
25	0.58	12	7.5	130	26	121	42	23	3.0	4.9	2.3	9.5
26	1.0	31	7.7	197	25	104	37	20	3.1	4.3	11	8.1
27	1.1	15	6.7	130	23	131	36	19	3.0	6.3	57	9.3
28	1.4	10	6.2	71	20	137	34	17	3.1	8.6	8.0	8.9
29	1.2	7.8	6.4	52	---	108	28	14	4.1	6.2	4.5	8.6
30	1.6	6.1	6.6	40	---	112	23	13	4.6	5.0	3.3	7.5
31	2.0	---	6.2	34	---	2320	---	12	---	4.3	3.2	---
TOTAL	36.14	116.61	239.0	1421.4	4488	9344	8517	2158	163.6	124.8	139.48	2102.69
MEAN	1.17	3.89	7.71	45.9	160	301	284	69.6	5.45	4.03	4.50	70.1
MAX	3.1	31	19	197	1860	2320	3270	235	12	8.6	57	1350
MIN	0.27	0.19	2.2	6.1	15	19	23	12	2.7	2.2	0.51	0.79
CFSM	0.00	0.01	0.01	0.08	0.29	0.55	0.52	0.13	0.01	0.01	0.01	0.13
IN.	0.00	0.01	0.02	0.10	0.31	0.64	0.58	0.15	0.01	0.01	0.01	0.14

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 2002, BY WATER YEAR (WY)

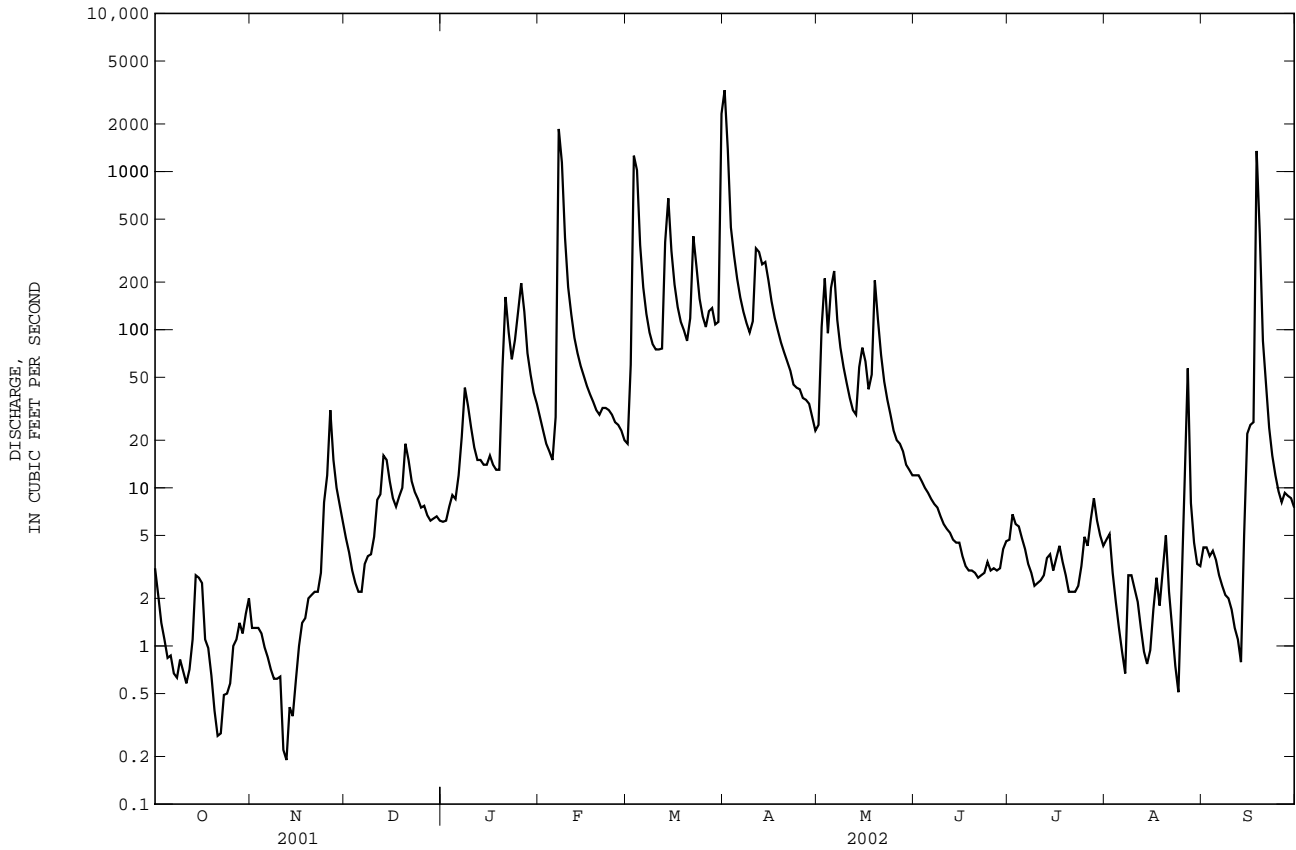
MEAN	191	227	374	735	854	1015	591	269	188	177	179	94.7
MAX	2039	1486	1703	2263	2623	2935	2514	1016	1576	1061	2311	486
(WY)	1991	1993	1965	1960	1960	1944	1969	1964	1973	1989	1940	1959
MIN	0.000	1.29	7.71	24.9	157	171	72.4	18.3	5.45	4.03	4.50	1.05
(WY)	1955	1955	2002	1956	1957	1985	2000	2000	2002	2002	2002	1954

02196000 STEVENS CREEK NEAR MODOC, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1930 - 2002	
ANNUAL TOTAL	54994.85		28850.72		400	
ANNUAL MEAN	151		79.0		959	
HIGHEST ANNUAL MEAN					1964	
LOWEST ANNUAL MEAN					79.0	
HIGHEST DAILY MEAN	4870	Mar 30	3270	Apr 1	31700	Aug 14 1940
LOWEST DAILY MEAN	0.19	Nov 12	0.19	Nov 12	0.00	a Sep 14 1954
ANNUAL SEVEN-DAY MINIMUM	0.44	Nov 9	0.44	Nov 9	0.00	Sep 24 1954
MAXIMUM PEAK FLOW			4390		35100	
MAXIMUM PEAK STAGE			16.03		41.08	
ANNUAL RUNOFF (CFSM)	0.28		0.15		0.73	
ANNUAL RUNOFF (INCHES)	3.75		1.97		9.97	
10 PERCENT EXCEEDS	305		144		778	
50 PERCENT EXCEEDS	24		8.6		99	
90 PERCENT EXCEEDS	1.3		1.0		14	

a Also occurred many days September, October, November, 1954.

e Estimated



## SAVANNAH RIVER BASIN

02196484 SAVANNAH RIVER NEAR NORTH AUGUSTA, SC

LOCATION.--Lat 33°33'06'', long 82°02'19'', Edgefield County, SC-Columbia County, GA, Hydrologic Unit 03060106, at Augusta City Lock and Dam, 1.0 mi downstream from Stevens Creek Dam, and at mile 207.

DRAINAGE AREA.--7,150 mi<sup>2</sup>, approximately.

PERIOD OF RECORD.--October 1988 to September 2002 (discontinued).

REVISED RECORDS.--WRD SC-98-1: 1997.

GAGE.--Data collection platform. Elevation of gage is 150 ft above NGVD of 1929 (from topographic map).

REMARKS.--Records good except for estimated daily discharges, and those below 5,000 ft<sup>3</sup>/s, which are poor. Flow regulated by Thurmond Lake (see sta 02194500) and by other powerplants above station. Flow diverted above station to the Augusta Canal by City of Augusta for municipal supply.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1970	1370	2070	2730	2220	2860	7090	1990	2020	1580	1890	3030
2	1700	1430	2140	2640	1850	2100	5040	e1530	1940	2610	2050	2880
3	1500	1540	2360	3430	1990	2360	3540	e1100	1770	2780	2050	3340
4	1410	1960	2180	3000	2310	6160	2220	e2860	1750	2550	2080	2420
5	1430	1610	1990	2040	2800	3290	3820	3800	1620	2130	1620	2090
6	1660	1520	2110	1900	2870	1870	2110	1760	1620	2000	1670	1940
7	1980	1670	1970	2290	4730	1700	2080	1820	1460	2010	1690	2090
8	2130	1700	1850	2000	4620	1720	2920	e1530	e1080	1950	1790	2570
9	2080	1570	1840	2100	2130	1840	e1750	1730	e1080	1710	1700	1990
10	1640	1680	3090	2000	2750	2170	1570	1730	e1220	1620	1380	1920
11	1280	1950	3010	1710	2210	2380	1580	1570	1700	1560	1710	2100
12	1290	1810	2320	1840	1790	2330	1700	1590	1690	e1260	2040	1790
13	1640	1990	2060	1790	2180	2220	2010	1860	e1470	1630	1820	1640
14	1880	1850	2010	1920	2520	2100	2150	1620	e1370	2270	1730	2540
15	1750	1750	1980	2210	2310	2340	1890	1520	e1220	1860	1530	2580
16	1860	1910	2140	2280	2410	2220	1630	1770	1350	1710	1910	2280
17	1850	1850	2710	2100	2340	2610	1890	1940	1530	1550	2530	2020
18	1740	2010	2400	1930	2670	2510	1670	1750	1710	1450	3360	2250
19	1610	2830	2070	1760	2480	2280	1320	2100	1710	1470	2340	5070
20	1480	3120	2160	1910	2670	2270	1630	2090	1640	1320	1770	3150
21	1810	2820	2190	2190	2230	2780	2590	2060	e1400	1680	2110	2530
22	1900	3080	1910	2010	2020	2060	1910	2100	e980	1670	2140	2800
23	1590	3080	1910	2100	2210	2640	e1160	2030	e1070	1580	1890	2170
24	1420	3030	2800	2130	2220	2120	1470	2140	e1240	1480	2150	e1810
25	1250	3300	2890	2150	2700	2030	1670	1670	1280	1480	2930	1800
26	1450	2870	3530	1960	2450	1820	1830	e1210	e1160	1540	2270	1890
27	1750	2340	3100	2480	2700	1950	1970	1610	1330	1480	2470	2790
28	2060	2090	2630	2500	2460	2760	1830	1680	e1180	1730	2390	2220
29	1910	1970	2400	2440	---	2290	e1390	1640	1250	1960	2330	2440
30	1740	2140	2490	2060	---	2440	e1320	1750	e1270	1890	2330	2070
31	1630	---	2750	2140	---	3690	---	2100	---	1990	2170	---
TOTAL	52390	63840	73060	67740	70840	75910	66750	57650	43110	55500	63840	72210
MEAN	1690	2128	2357	2185	2530	2449	2225	1860	1437	1790	2059	2407
MAX	2130	3300	3530	3430	4730	6160	7090	3800	2020	2780	3360	5070
MIN	1250	1370	1840	1710	1790	1700	1160	1100	980	1260	1380	1640
CFSM	0.24	0.30	0.33	0.31	0.35	0.34	0.31	0.26	0.20	0.25	0.29	0.34
IN.	0.27	0.33	0.38	0.35	0.37	0.39	0.35	0.30	0.22	0.29	0.33	0.38

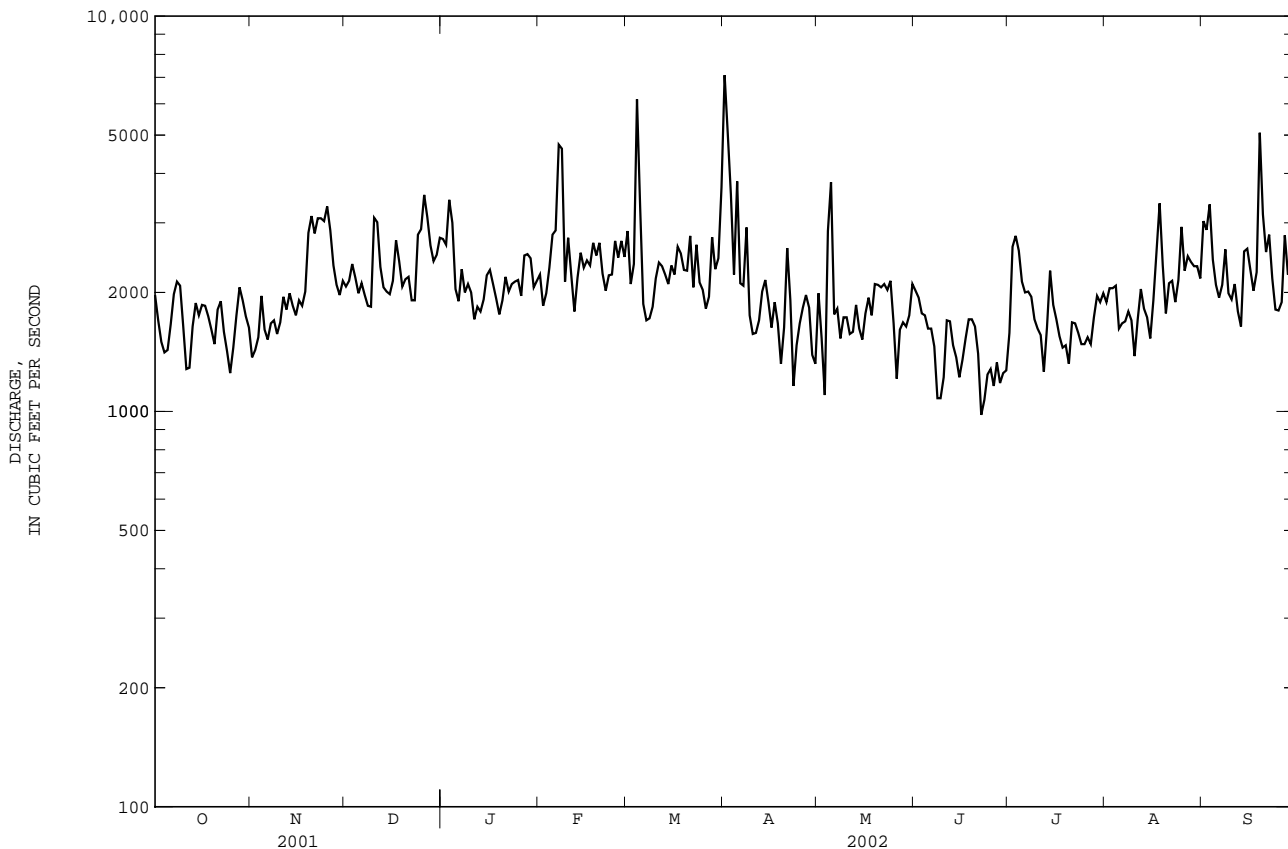
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 2002, BY WATER YEAR (WY)

	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
MEAN	5397	5402	7549	8141	10910	11610	7330	6074	4165	4466	5342	4176		
MAX	11440	15950	27170	28980	28900	23320	22150	18320	6821	9750	14420	6609		
(WY)	1990	1996	1993	1993	1998	1998	1998	1998	1996	1994	1994	1995		
MIN	1690	1827	2224	2185	1886	1440	2225	1860	1437	1790	2059	1692		
(WY)	2002	1989	2001	2002	1989	1989	2002	2002	2002	2002	2002	2001		

02196484 SAVANNAH RIVER NEAR NORTH AUGUSTA, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1989 - 2002	
ANNUAL TOTAL	1029490		762840		6697	
ANNUAL MEAN	2821		2090		13960	
HIGHEST ANNUAL MEAN					2090	
LOWEST ANNUAL MEAN					1993	
HIGHEST DAILY MEAN	14500	Mar 5	7090	Apr 1	39000	Jan 13 1993
LOWEST DAILY MEAN	950	Sep 19	980	Jun 22	65	Mar 18 1989
ANNUAL SEVEN-DAY MINIMUM	1420	Sep 15	1180	Jun 22	103	Mar 16 1989
MAXIMUM PEAK FLOW			8450	Mar 4	54200	Oct 12 1990
MAXIMUM PEAK STAGE			9.35	Mar 4	12.57	Oct 12 1990
ANNUAL RUNOFF (CFSM)	0.39		0.29		0.94	
ANNUAL RUNOFF (INCHES)	5.36		3.97		12.73	
10 PERCENT EXCEEDS	3900		2810		17400	
50 PERCENT EXCEEDS	2490		1990		3990	
90 PERCENT EXCEEDS	1660		1470		1790	

e Estimated





## SAVANNAH RIVER BASIN

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 current year.

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 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2940	3150	2620	2480	2480	2480	2250	2920	3020	2520	2600	1960
2	3000	3180	2630	2300	2300	2300	2320	2880	2690	2320	2500	1940
3	3250	3080	2650	2290	2290	2290	2190	2580	2560	2320	2520	2220
4	3210	2640	2600	2460	2460	2460	2260	2200	2700	2380	2520	2460
5	3110	3000	2670	2210	2210	2210	2210	2150	2840	2710	2830	2590
6	2770	3100	2830	2270	2270	2270	2550	2660	2800	2650	3000	2560
7	2560	3070	2870	2820	2820	2820	2460	2780	2760	2460	3020	2440
8	2870	3070	2840	2760	2760	2760	2500	2620	2870	2620	3050	2100
9	2940	3120	2830	2740	2740	2740	2560	2690	2770	2910	3090	2610
10	3000	3020	2700	2880	2880	2880	2800	2720	2680	3100	3070	2520
11	3180	2610	2590	2890	2890	2890	2820	2530	2840	3100	2840	2320
12	3120	2750	2570	2860	2860	2860	2800	2640	2830	3020	2510	2600
13	2970	2660	2590	2850	2850	2850	2500	2570	2860	2830	2680	2700
14	2640	2760	2540	2770	2770	2770	2410	2740	2930	2380	2810	2150
15	2980	2720	2540	2650	2650	2650	2750	2670	2950	2750	2780	2090
16	3090	2750	2570	2730	2730	2730	2970	2720	2970	2950	2690	2360
17	3080	2660	2570	2760	2760	2760	3080	2870	2940	3040	2300	2490
18	3060	2440	2550	2760	2760	2760	2960	2820	2910	3120	1780	2380
19	3150	2140	2610	2750	2750	2750	2900	2550	2900	3120	2390	2480
20	3170	1890	2580	2740	2740	2740	2900	2600	2870	3050	2690	2350
21	2750	1890	2760	2630	2630	2630	2260	2530	2860	2990	2430	2400
22	2660	1880	2810	2650	2650	2650	2750	2570	2860	2950	2470	2150
23	2930	1900	2760	2660	2660	2660	2950	2650	2910	2970	2730	2560
24	3280	1920	2310	2640	2640	2640	2840	2670	2780	2950	2700	2590
25	3210	1750	2350	2600	2600	2600	2770	2890	2800	3090	2100	2640
26	3240	2170	2410	2430	2430	2430	2770	2760	2830	3100	2400	2630
27	2830	2510	2590	2540	2540	2540	2430	2570	2920	3110	2340	2500
28	2540	2620	2470	2700	2700	2700	2400	2530	2980	2840	2340	2670
29	2780	2600	2520	2390	---	2390	2640	2690	2930	2700	2360	2330
30	2920	2640	2480	2500	---	2500	2840	2660	2710	2690	2350	2580
31	2920	---	2300	2420	---	2420	---	2690	---	2580	2440	---
TOTAL	92150	77690	80710	81130	73820	81130	78840	82120	85270	87320	80330	72370
MEAN	2973	2590	2604	2617	2636	2617	2628	2649	2842	2817	2591	2412
MAX	3280	3180	2870	2890	2890	2890	3080	2920	3020	3120	3090	2700
MIN	2540	1750	2300	2210	2210	2210	2190	2150	2560	2320	1780	1940

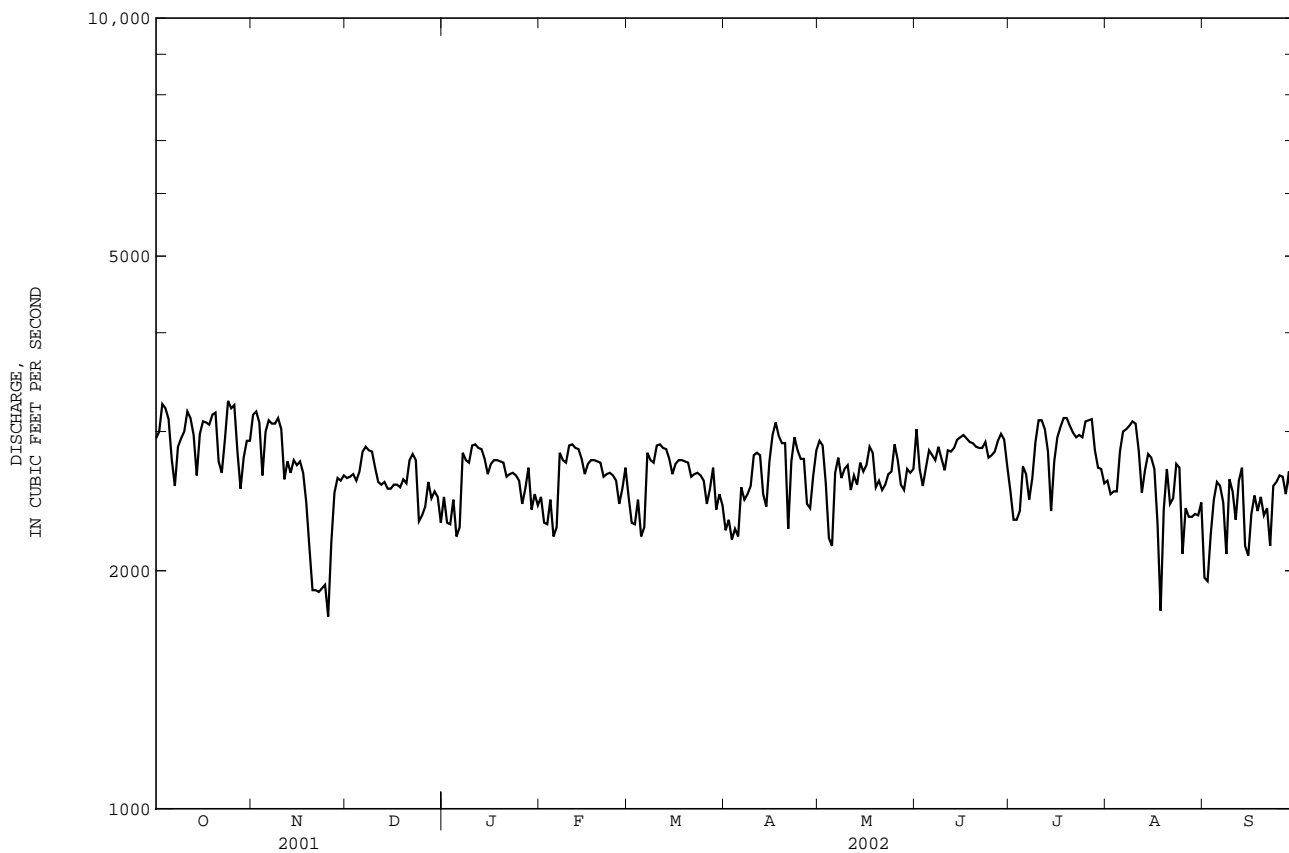
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1997 - 2002, BY WATER YEAR (WY)

	1997	1998	1999	2000	2001	2002	2000	2000	2000	2000	2000	2000
MEAN	2819	2561	2459	2447	2487	2328	2345	2429	2456	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

02196485 AUGUSTA CANAL NEAR AUGUSTA, GA--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1997 - 2002	
ANNUAL TOTAL	939120		972880		2516	
ANNUAL MEAN	2573		2665		2665	
HIGHEST ANNUAL MEAN					2002	
LOWEST ANNUAL MEAN					2092	
HIGHEST DAILY MEAN	3300	Aug 31	3280	Oct 24	3330	Oct 21 1998
LOWEST DAILY MEAN	1260	Apr 15	1750	Nov 25	1140	Apr 9 2000
ANNUAL SEVEN-DAY MINIMUM	1910	Nov 19	1910	Nov 19	1200	Mar 6 2000
MAXIMUM PEAK STAGE			8.03 a Mar 1		8.63 Oct 21 1998	
10 PERCENT EXCEEDS	3090		3020		3000	
50 PERCENT EXCEEDS	2580		2680		2580	
90 PERCENT EXCEEDS	2130		2300		1980	

a Also occurred Apr. 17.



## SAVANNAH RIVER BASIN

02197000 SAVANNAH RIVER AT AUGUSTA, GA

LOCATION.--Lat 33°22'25'', long 81°56'35'', Richmond County, Hydrologic Unit 03060106, at New Savannah Bluff lock and dam, 0.2 mi upstream from Butler Creek, 12.0 mi downstream from Augusta, and at mile 187.4.

DRAINAGE AREA.--7,508 mi<sup>2</sup>, including that of Butler Creek.

PERIOD OF RECORD.--October 1883 to December 1891, January 1896 to December 1906, January 1925 to current year. Monthly discharges only for some periods, published in WSP 1303. Gage-height records collected at site of Fifth Street gage from 1875 to 1952 and at New Savannah Bluff lock and dam sites since 1937 are contained in reports of National Weather Service.

REVISED RECORDS.--WSP 1303: 1927-39 (monthly runoff). WSP 1433: 1888, 1896-99, 1902-03, 1906-07, and 1932 (M). WRD SC-77-1: 1975. WRD SC-94-1: Peaks outside period of record, 1796, 1840, 1852, 1864, 1865, 1908.

GAGE.--Data collection platform. Datum of gage is 95.58 ft above NGVD of 1929 (U.S. Army Corps of Engineers bench mark). Prior to October 1, 2001, at datum 1.0 ft higher. Oct. 1, 1883 to Dec. 31, 1891, Jan. 1, 1896, to Dec. 31, 1906, Jan. 1, 1925, to Sept. 30, 1932, nonrecording or recording gage at Fifth Street Bridge at datum 102.06 ft above NGVD of 1929 (levels by Southeastern Engineering Co.). Oct. 1, 1932, to Sept. 30, 1936, recording gage at Thirteenth Street bridge at datum 104.56 ft above NGVD of 1929 (levels by U.S. Army Corps of Engineers). Oct. 1, 1936, to Nov. 10, 1948, recording gage at site 0.2 mi downstream from present site and at present datum.

REMARKS.--Records good except for estimated daily discharges, which are fair. Flow regulated by Thurmond Lake (see sta 02194500), Hartwell Lake, Richard B. Russell Lake, and by other powerplants above station.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge, 307,000 ft<sup>3</sup>/s, Aug. 27, 1908, gage height, 38.8 ft, at site and datum at Fifth Street gage. Stages and discharges for other floods at site and datum at Fifth Street gage are as follows: 280,000 ft<sup>3</sup>/s, Jan. 17, 1796, gage height (determined by analysis of historical documents), 38 ft; 260,000 ft<sup>3</sup>/s, May 28, 1840, gage height, 37.5 ft; 230,000 ft<sup>3</sup>/s, Aug. 29, 1852, gage height, 36.8 ft; 160,000 ft<sup>3</sup>/s, Jan. 1, 1864, gage height, 34.0 ft; 220,000 ft<sup>3</sup>/s, Jan. 11, 1865, gage height, 36.4 ft. Stages for the 1840, 1852, 1864, and 1865 floods were obtained from the City of Augusta, Georgia, gage records that were copied in the log books of the National Weather Service. These floods and floods recorded by the National Weather Service beginning in 1876 are stored in the USGS peak flow database. Other historical documents indicated floods of unknown magnitude occurred in 1722 and 1741.

## DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4280	4490	4500	4720	4390	5040	7500	4120	4750	4010	4310	4050
2	4280	4470	4660	4730	4370	4970	6930	4180	4870	4030	4180	4170
3	4310	4370	4850	5030	4280	4820	5560	4040	4160	4060	4190	4670
4	4330	4450	4890	4970	4530	6380	4930	4040	4210	4370	4220	4630
5	4190	4520	4640	4580	4840	6440	4440	4740	4160	4380	4160	3960
6	4190	4390	4600	4750	5650	e4540	4810	4600	4200	4460	4180	3890
7	4180	4420	4850	4850	6290	e4110	4540	4050	4250	4250	4270	3870
8	4400	4500	4530	5090	7160	e4230	5030	4170	4080	4180	4340	3910
9	4960	4530	4540	4870	4900	e4270	4340	4090	4020	4080	4440	3980
10	4640	4480	4930	4990	5460	e4190	4200	4070	4020	4350	4340	3880
11	4250	4450	5830	4610	5180	e4280	4290	4070	4050	4330	4080	3860
12	4220	4480	4610	4440	4430	e4720	4350	4060	4050	4280	4100	3730
13	4250	4520	4640	4510	4350	4440	4550	4320	4090	4100	4130	3910
14	4340	4590	4460	4440	4450	4830	4660	4770	4060	4220	3980	4200
15	4360	4490	4410	4750	4470	4430	4790	4090	e4030	4400	3780	5210
16	4780	4440	4470	5050	4430	4640	4260	4050	e4010	4290	3830	4650
17	4840	4450	4590	4910	4390	4810	4630	4110	e4020	4380	4010	4530
18	4740	4380	5110	4620	4470	4570	4830	4250	4120	4320	4270	4550
19	4580	4490	4580	4460	4700	4510	4190	4530	4410	4270	4550	5410
20	4410	4730	4530	4360	4440	4300	4150	4730	4290	4160	4540	6040
21	4400	4490	4660	4520	4550	5040	4470	4220	4070	4140	3890	4580
22	4400	4430	4750	4700	4620	4820	4600	4380	4050	4460	4020	4530
23	4520	4600	4410	4600	4490	5090	4460	4360	4020	4390	3960	4510
24	4480	4760	4640	4600	4410	4400	4070	4550	4020	4240	4310	4200
25	4410	4630	4830	4450	4430	4390	4080	4510	4020	4200	4430	3810
26	4310	4690	5280	4510	4530	4220	4170	4160	4020	4160	4300	3840
27	4400	4970	5200	4580	4610	4310	4210	4100	4020	4270	4210	3960
28	4400	4580	5050	5070	4840	4810	4040	4100	4030	4150	4600	4530
29	4570	4500	4740	4710	---	4420	4080	4090	4030	4230	4170	4330
30	4580	4530	4660	4570	---	4450	4060	4060	4030	4260	4330	4140
31	4510	---	4790	4360	---	4820	---	4130	---	4200	4190	---
TOTAL	137510	135820	147230	145400	133660	145290	139220	131740	124160	131620	130310	129530
MEAN	4436	4527	4749	4690	4774	4687	4641	4250	4139	4246	4204	4318
MAX	4960	4970	5830	5090	7160	6440	7500	4770	4870	4460	4600	6040
MIN	4180	4370	4410	4360	4280	4110	4040	4040	4010	4010	3780	3730
CFSM	0.59	0.60	0.63	0.62	0.64	0.62	0.62	0.57	0.55	0.57	0.56	0.58
IN.	0.68	0.67	0.73	0.72	0.66	0.72	0.69	0.65	0.62	0.65	0.65	0.64

## STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1952 - 2002, BY WATER YEAR (WY)

MEAN	7140	7177	8868	10460	11880	13790	12660	9124	8065	7051	7377	6887
MAX	17740	18610	27270	30250	30600	29090	43850	27050	22830	13200	15820	14480
(WY)	1965	1996	1993	1993	1998	1952	1964	1964	1973	1976	1994	1964
MIN	2728	4017	3751	4084	4774	4687	4371	4037	4139	3627	3889	3332
(WY)	1952	1953	1953	1953	2002	2002	2000	2001	2002	1952	1952	1952

02197000 SAVANNAH RIVER AT AUGUSTA, GA--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1952 - 2002	
ANNUAL TOTAL	1761730		1631490		9191	
ANNUAL MEAN	4827		4470		16580	
HIGHEST ANNUAL MEAN					1964	
LOWEST ANNUAL MEAN					2002	
HIGHEST DAILY MEAN	14200	Jun 14	7500	Apr 1	84500	Apr 10 1964
LOWEST DAILY MEAN	3710	May 13	3730	Sep 12	1770	Oct 18 1951
ANNUAL SEVEN-DAY MINIMUM	3780	May 22	3870	Sep 6	2090	Oct 20 1951
MAXIMUM PEAK FLOW			8510	Mar 4	87100	Apr 9 1964
MAXIMUM PEAK STAGE			7.14	Mar 4	24.16	Apr 9 1964
ANNUAL RUNOFF (CFSM)	0.64		0.60		1.22	
ANNUAL RUNOFF (INCHES)	8.73		8.08		16.63	
10 PERCENT EXCEEDS	5730		4880		17500	
50 PERCENT EXCEEDS	4510		4420		6830	
90 PERCENT EXCEEDS	4000		4040		4720	

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1883-1951, BY WATER YEAR (WY) (PRIOR TO REGULATION)

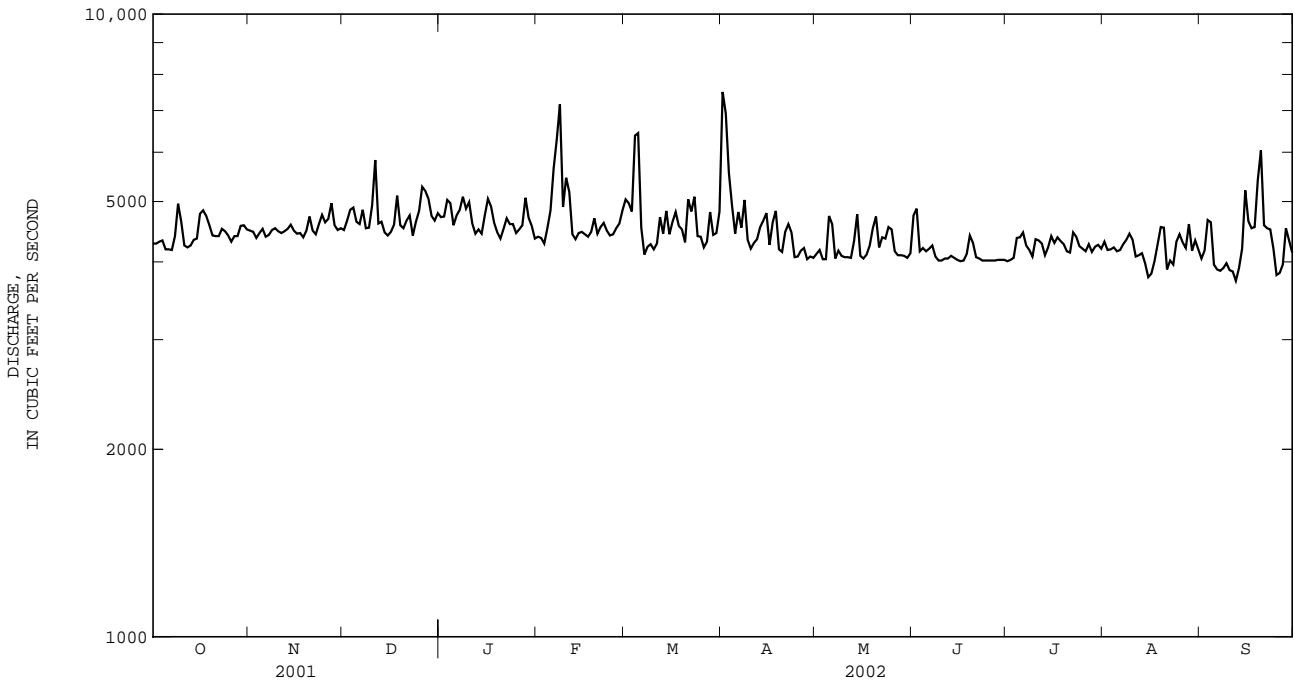
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	6988	6923	9645	13560	16950	17490	13660	8566	7962	8042	8864	7916
MAX	42170	21250	27390	40950	39560	52440	58700	20670	22700	19480	35030	47850
(WY)	1930	1949	1933	1936	1903	1929	1936	1929	1900	1906	1887	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 ft<sup>3</sup>/s.

e Estimated

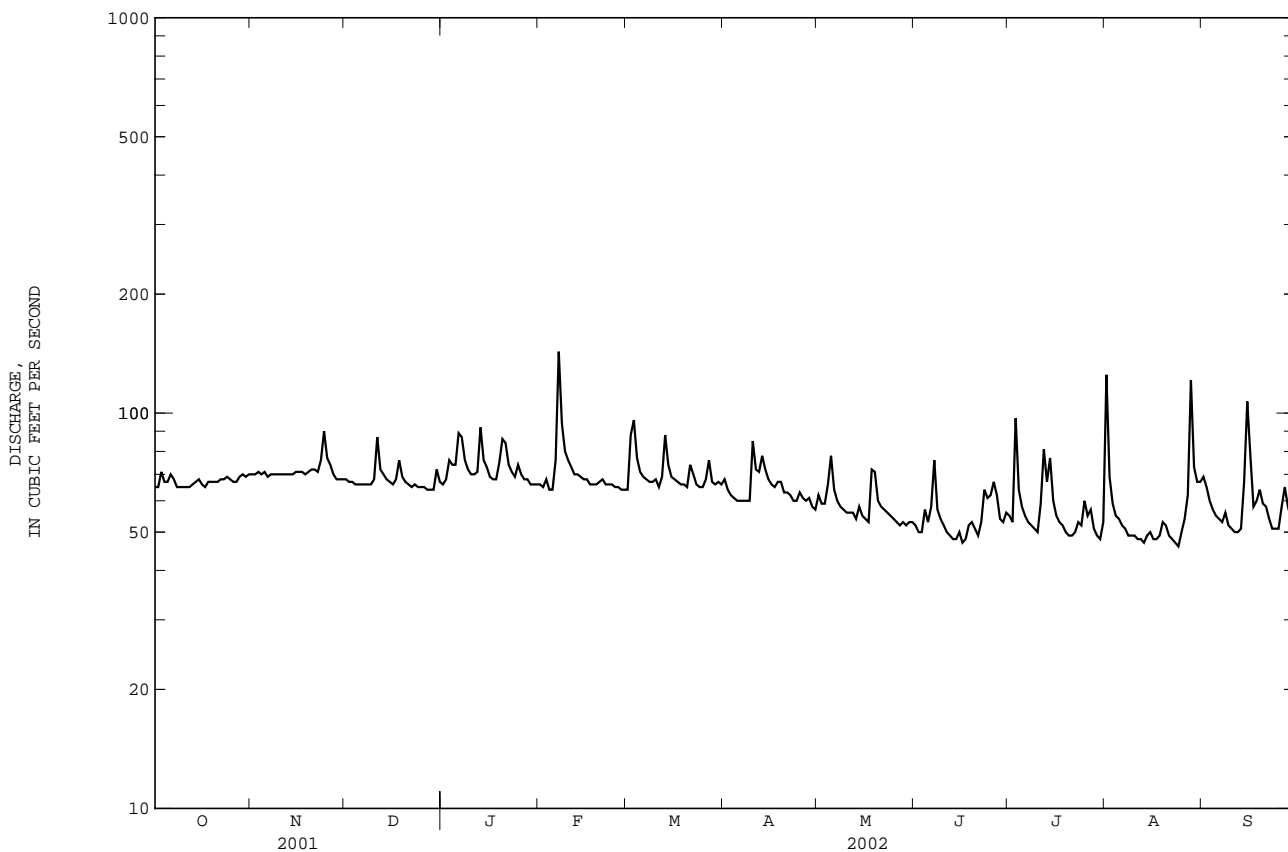




02197300 UPPER THREE RUNS NEAR NEW ELLENTON, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1966 - 2002	
ANNUAL TOTAL	27217		23483		103	
ANNUAL MEAN	74.6		64.3		133	
HIGHEST ANNUAL MEAN					1973	
LOWEST ANNUAL MEAN					64.3	
HIGHEST DAILY MEAN	194	May 29	143	Feb 7	a 509	Aug 20 1992
LOWEST DAILY MEAN	59	Aug 12	46	Aug 24	46	Aug 24 2002
ANNUAL SEVEN-DAY MINIMUM	61	Aug 7	48	Aug 11	48	Aug 11 2002
MAXIMUM PEAK FLOW			164	Feb 7	a 820	Oct 23 1990
MAXIMUM PEAK STAGE			6.53	Feb 7	a 8.80	Oct 23 1990
INSTANTANEOUS LOW FLOW			41	Aug 24	41	Aug 24 2002
ANNUAL RUNOFF (CFSM)	0.86		0.74		1.18	
ANNUAL RUNOFF (INCHES)	11.64		10.04		16.04	
10 PERCENT EXCEEDS	86		74		130	
50 PERCENT EXCEEDS	71		66		100	
90 PERCENT EXCEEDS	65		51		72	

a At site and datum then in use.



## SAVANNAH RIVER BASIN

021973005 TINKER CREEK AT ROAD 8-11 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°22'14'', long 81°31'39'', Barnwell County, Hydrologic Unit 03060106, on upstream side of bridge on SRS Road 8-11, 1.5 mi downstream from US Highway 278, and approximately 5.0 mi southwest of Williston.

DRAINAGE AREA.--16.3 mi<sup>2</sup>.

PERIOD OF RECORD.--October 1992 to September 1996, December 1998 to Sep. 2002 (discontinued).

GAGE.--Data collection platform. Elevation of gage is 220 ft above NGVD of 1929 (from topographic map).

REMARKS.--Records poor. Flow regulated by Savannah River Site operations.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10	21	10	7.5	15	19	21	19	21	19	27	18
2	9.9	20	9.2	8.5	17	33	14	19	15	18	30	17
3	9.6	21	9.4	12	21	39	13	19	15	28	23	13
4	9.5	24	9.4	12	20	25	8.6	21	14	21	16	9.3
5	9.7	26	9.8	12	19	18	8.2	23	11	18	10	8.6
6	10	26	9.4	16	27	13	12	18	10	14	9.1	11
7	10	26	9.4	13	48	16	13	15	11	14	7.8	9.2
8	10	25	9.4	9.0	32	18	14	13	9.4	13	7.9	8.0
9	10	23	8.8	7.6	25	16	14	11	8.2	11	12	9.0
10	10	21	7.8	6.5	20	17	23	9.4	5.9	11	12	12
11	10	19	8.3	5.3	19	15	20	8.4	4.2	17	14	16
12	10	17	7.7	7.4	15	23	15	11	5.2	27	15	15
13	11	17	7.5	15	12	37	14	13	5.0	29	9.4	15
14	16	16	6.6	8.9	12	25	14	15	7.4	39	8.7	19
15	19	17	6.6	6.9	12	25	12	13	13	25	5.3	24
16	16	15	6.0	6.4	12	19	12	13	12	15	4.4	23
17	14	14	5.8	6.8	13	15	13	14	15	11	5.3	19
18	14	13	9.0	6.9	12	14	17	21	16	8.5	6.2	19
19	14	12	6.8	7.8	14	13	16	24	18	6.7	8.6	23
20	15	10	5.4	11	14	12	14	20	18	4.7	10	22
21	16	9.4	5.5	10	16	22	13	18	18	9.9	7.7	23
22	15	9.8	5.6	9.6	14	18	11	17	20	7.4	6.6	19
23	16	12	5.7	9.2	14	14	13	16	24	6.8	6.4	15
24	14	19	5.9	8.7	14	9.4	14	16	28	6.2	8.2	15
25	18	15	5.5	10	15	7.9	15	16	24	5.4	11	13
26	23	12	6.3	8.9	15	9.2	16	15	22	7.7	12	19
27	24	10	7.3	10	15	15	18	15	26	7.4	16	20
28	21	10	7.5	10	17	5.7	17	14	21	5.2	30	16
29	20	9.6	7.5	10	---	12	17	14	19	4.3	22	12
30	20	9.2	7.4	11	---	16	18	14	19	4.0	15	9.5
31	21	---	7.1	14	---	20	---	22	---	5.2	14	---
TOTAL	445.7	499.0	233.6	297.9	499	561.2	439.8	496.8	455.3	419.4	390.6	471.6
MEAN	14.4	16.6	7.54	9.61	17.8	18.1	14.7	16.0	15.2	13.5	12.6	15.7
MAX	24	26	10	16	48	39	23	24	28	39	30	24
MIN	9.5	9.2	5.4	5.3	12	5.7	8.2	8.4	4.2	4.0	4.4	8.0
CFSM	0.88	1.02	0.46	0.59	1.09	1.11	0.90	0.98	0.93	0.83	0.77	0.96

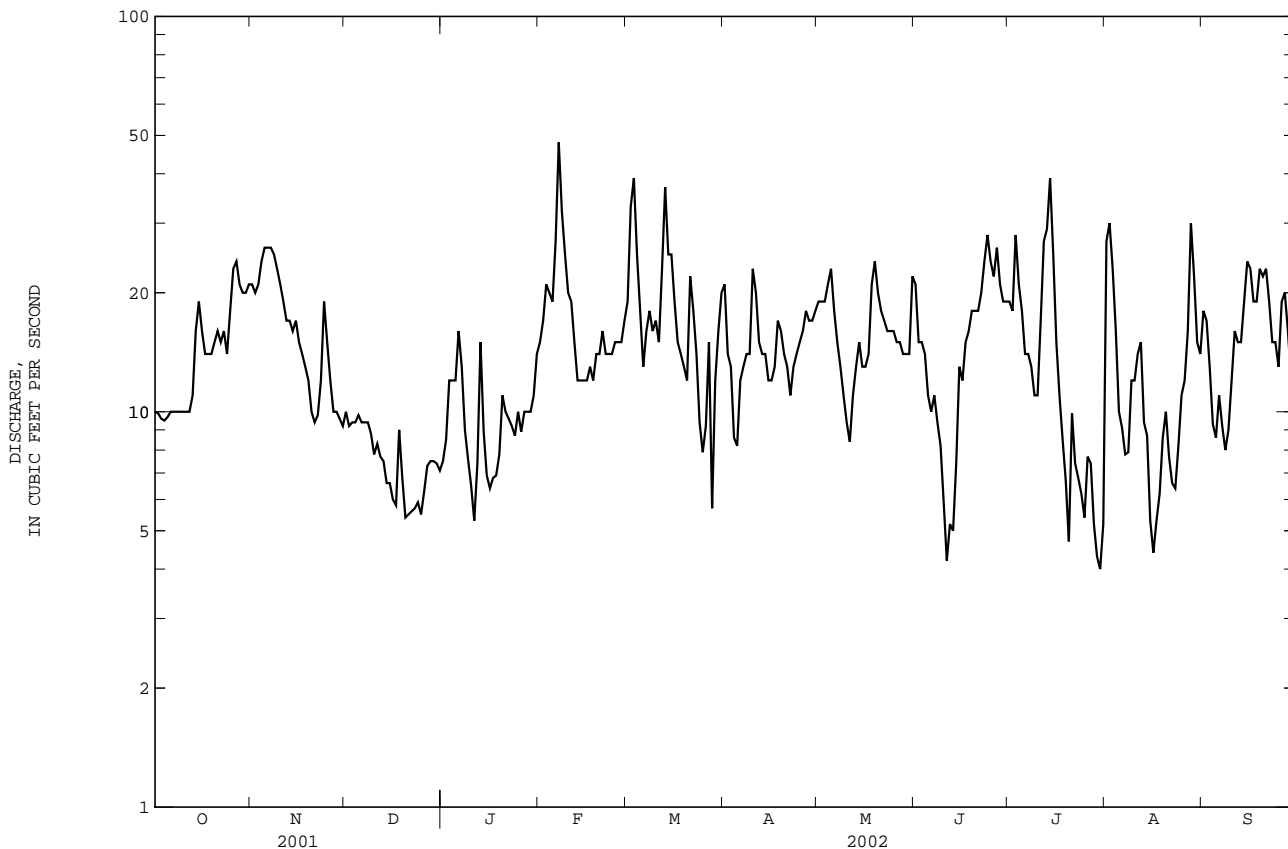
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 2002, BY WATER YEAR (WY)

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002		
MEAN	20.6	22.1	20.4	25.5	24.9	27.1	21.3	18.3	18.9	19.0	18.3	20.2
MAX	28.9	28.6	29.5	43.4	40.2	44.6	38.4	29.8	31.2	29.6	29.4	26.4
(WY)	1995	1993	1993	1993	1993	1993	1993	1993	1993	1993	1995	1995
MIN	10.9	13.8	7.54	9.61	14.0	18.1	14.0	11.5	7.45	9.88	8.35	13.8
(WY)	2001	2000	2002	2002	2001	2002	2000	2000	2001	2001	2001	1999

021973005 TINKER CREEK AT ROAD 8-11 AT SAVANNAH RIVER SITE, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1993 - 2002	
ANNUAL TOTAL	5173.5		5209.9			
ANNUAL MEAN	14.2		14.3		21.8	
HIGHEST ANNUAL MEAN					32.6 1993	
LOWEST ANNUAL MEAN					14.3 2002	
HIGHEST DAILY MEAN	74	May 29	48	Feb 7	107	Jan 8 1993
LOWEST DAILY MEAN	2.2	Jun 26	4.0	Jul 30	2.2	Jun 26 2001
ANNUAL SEVEN-DAY MINIMUM	3.2	Jun 20	5.6	Jul 25	3.2	Jun 20 2001
MAXIMUM PEAK FLOW			54 Feb 7		210 Oct 31 1993	
MAXIMUM PEAK STAGE			a 2.92 May 31		2.97 Oct 31 1993	
ANNUAL RUNOFF (CFSM)	0.87		0.88		1.34	
10 PERCENT EXCEEDS	23		23		34	
50 PERCENT EXCEEDS	13		14		22	
90 PERCENT EXCEEDS	4.8		6.9		10	

a Caused by backwater from beaverdam.





## SAVANNAH RIVER BASIN

021973008 MCQUEEN BRANCH AT ROAD F AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°17'45'', long 81°37'53'', Aiken County, Hydrologic Unit 03060106, at right bank, 75 ft north of Road F, at Savannah River Site.

DRAINAGE AREA.--0.82 mi<sup>2</sup>.

PERIOD OF RECORD.--December 1990 to September 1997, October 1998 to September 2002 (discontinued).

GAGE.--Data collection platform. Datum of gage is 199.50 ft above NGVD of 1929 (from Global Positioning System and Department of Energy Benchmark).

REMARKS.--Records poor. Flow regulated by Savannah River Site operations.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.18	0.22	0.22	0.23	0.32	0.22	0.38	0.60	0.21	0.23	0.63	3.7
2	0.18	0.22	0.23	0.29	0.28	2.4	0.33	0.35	0.19	0.23	0.18	0.33
3	0.17	0.22	0.20	0.49	0.30	0.62	0.33	0.97	0.19	3.3	0.17	0.27
4	0.16	0.22	0.21	0.45	0.35	0.30	0.38	0.84	0.18	0.21	0.17	0.22
5	0.16	0.21	0.76	0.35	0.33	0.25	0.83	0.47	0.17	0.20	0.17	0.21
6	0.16	0.22	0.32	1.4	2.8	0.22	0.48	0.38	0.17	0.19	0.17	0.22
7	0.16	0.24	0.26	0.55	4.4	0.22	0.44	0.32	0.19	0.18	0.17	0.22
8	0.16	0.26	0.26	0.38	0.72	0.22	0.40	0.29	0.19	0.18	0.17	0.22
9	0.16	0.25	0.25	0.34	0.42	0.22	0.43	0.29	0.17	0.18	0.17	0.37
10	0.16	0.25	0.27	0.32	0.38	0.22	2.4	0.28	0.64	0.18	0.17	0.41
11	0.16	0.22	0.32	0.34	0.32	0.21	0.71	0.28	0.26	0.21	0.17	0.44
12	0.16	0.23	0.31	1.6	0.31	0.70	0.92	0.31	0.24	0.19	0.17	0.46
13	0.16	0.24	0.27	1.4	0.36	2.3	0.84	0.27	0.22	1.7	0.18	0.47
14	0.18	0.25	0.25	0.32	0.28	0.45	0.59	0.32	0.30	0.30	0.18	0.97
15	0.17	0.25	0.25	0.28	0.26	0.31	0.52	0.24	0.21	0.20	0.18	0.83
16	0.18	0.25	0.26	0.24	0.27	0.29	0.49	0.26	0.17	0.19	0.18	0.44
17	0.71	0.24	0.27	0.25	0.35	0.30	0.49	0.27	0.17	0.19	0.18	0.40
18	0.19	0.25	0.35	0.23	0.26	0.31	0.99	0.85	0.18	0.19	0.25	0.56
19	0.17	0.28	0.25	0.25	0.25	0.31	0.51	0.41	0.21	0.18	0.36	0.43
20	0.17	0.28	0.23	0.36	0.25	0.32	0.35	0.24	0.19	0.16	0.25	0.40
21	0.16	0.28	0.22	0.28	0.21	0.98	0.37	0.24	0.18	0.16	0.18	0.39
22	0.16	0.28	0.24	0.30	0.21	0.47	0.36	0.25	0.24	0.19	0.18	0.39
23	0.16	0.46	0.23	0.31	0.21	0.41	0.36	0.24	0.27	0.18	0.18	0.37
24	0.15	0.48	0.24	0.31	0.21	0.43	0.33	0.23	0.96	0.17	0.18	0.28
25	0.17	0.52	0.23	0.33	0.21	0.42	0.47	0.21	0.39	0.17	0.22	0.29
26	0.17	0.26	0.24	0.31	0.22	0.73	0.31	0.20	0.33	0.17	0.18	0.33
27	0.19	0.23	0.24	0.31	0.21	0.80	0.31	0.20	0.27	0.17	3.1	0.43
28	0.21	0.23	0.23	0.33	0.22	0.53	0.29	0.20	0.22	0.17	0.19	0.30
29	0.23	0.22	0.22	0.33	---	0.39	0.25	0.20	0.21	0.17	0.09	0.30
30	0.23	0.21	0.22	0.31	---	0.77	0.42	0.22	0.27	0.18	0.08	0.30
31	0.22	---	0.23	0.33	---	0.49	---	0.24	---	0.27	0.07	---
TOTAL	5.95	7.97	8.28	13.52	14.91	16.81	16.28	10.67	7.79	10.59	8.92	14.95
MEAN	0.19	0.27	0.27	0.44	0.53	0.54	0.54	0.34	0.26	0.34	0.29	0.50
MAX	0.71	0.52	0.76	1.6	4.4	2.4	2.4	0.97	0.96	3.3	3.1	3.7
MIN	0.15	0.21	0.20	0.23	0.21	0.21	0.25	0.20	0.17	0.16	0.07	0.21

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

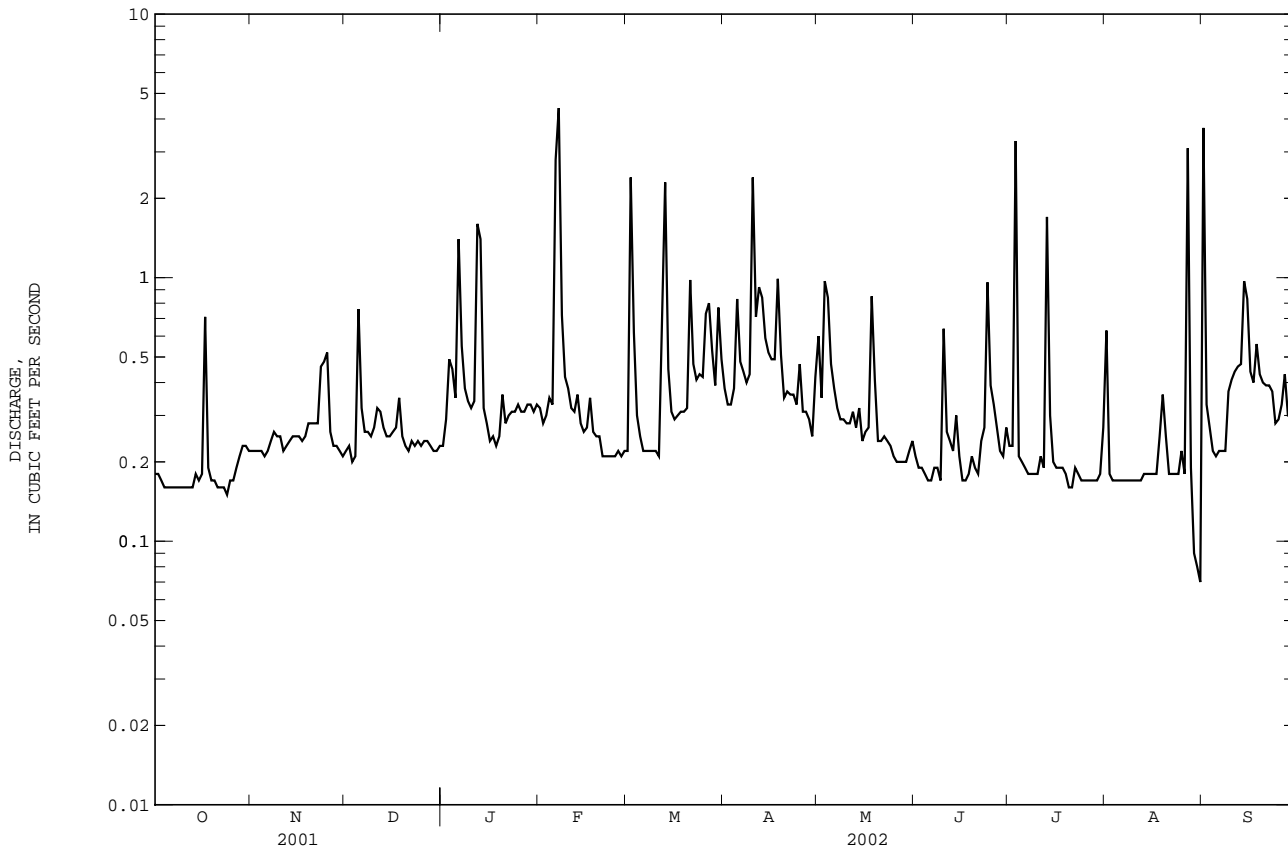
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
MEAN	1.01	0.96	0.96	1.67	1.56	1.72	1.09	0.70	0.79	1.11	0.92	0.91
MAX	3.00	2.11	1.98	4.21	5.02	3.39	1.89	1.41	1.55	3.12	3.17	1.62
(WY)	1995	1993	1995	1993	1995	1993	1993	1991	1995	1991	1991	2000
MIN	0.19	0.27	0.26	0.44	0.53	0.54	0.46	0.34	0.26	0.25	0.22	0.46
(WY)	2002	2002	2001	2002	2002	2002	2000	2002	2002	2000	1999	2001

021973008 MCQUEEN BRANCH AT ROAD F AT SAVANNAH RIVER SITE, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1991 - 2002	
ANNUAL TOTAL	238.60		136.64			
ANNUAL MEAN	0.65		0.37		1.06	
HIGHEST ANNUAL MEAN					1.92 1995	
LOWEST ANNUAL MEAN					0.37 2002	
HIGHEST DAILY MEAN	e 15	Jul 3	4.4	Feb 7	e 50	Jan 8 1993
LOWEST DAILY MEAN	0.15	Oct 24	0.07	Aug 31	0.02	a Sep 24 1999
ANNUAL SEVEN-DAY MINIMUM	0.16	Oct 4	0.16	Oct 4	0.11	Aug 2 1994
MAXIMUM PEAK FLOW			67	Aug 27	Unknown	Sep 23 2000
MAXIMUM PEAK STAGE			3.92	Aug 27	9.55	Sep 23 2000
10 PERCENT EXCEEDS	1.0		0.57		2.0	
50 PERCENT EXCEEDS	0.35		0.25		0.65	
90 PERCENT EXCEEDS	0.20		0.17		0.23	

a Also occurred Sep. 25, 1999.

e Estimated



## SAVANNAH RIVER BASIN

021973011 H-002 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°17'10'', long 81°38'01'', Aiken County, Hydrologic Unit 03060106, on right bank, upstream of culvert 20 ft east of SRS Road 4, 0.5 mi west of H area, 1.2 mi southwest of junction of SRS Roads 4 and F, at Savannah River Site.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--December 1996 to September 2002 (discontinued).

GAGE.--Data collection platform. Elevation of gage is 280 ft above NGVD of 1929 (from topographic map). Prior to October 1, 1999, at site 100 ft downstream at different datum.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Flow regulated by Savannah River Site operations.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.05	0.06	0.06	0.09	0.10	0.08	0.05	0.11	0.05	0.06	0.21	1.6
2	0.05	0.07	0.06	0.11	0.11	0.86	0.06	0.10	0.05	0.06	0.07	0.11
3	0.04	0.06	0.06	0.19	0.11	0.12	0.05	0.43	0.05	e0.86	0.07	0.11
4	0.04	0.06	0.06	0.14	0.11	0.09	0.05	0.11	0.05	0.09	0.06	0.08
5	0.04	0.06	0.05	0.13	0.13	0.09	0.05	0.11	0.05	0.08	0.06	0.10
6	0.04	0.07	0.05	0.47	1.4	0.08	0.05	0.09	0.07	0.07	0.06	0.10
7	0.05	0.06	0.05	0.16	0.93	0.07	0.05	0.09	0.06	0.07	0.05	0.10
8	0.05	0.06	0.06	0.16	0.13	0.05	0.04	0.09	0.04	0.06	0.04	0.09
9	0.06	0.06	0.05	0.14	0.11	0.07	0.06	0.09	0.04	0.07	0.04	0.09
10	0.06	0.07	0.10	0.13	0.09	0.05	0.50	0.09	0.03	0.07	0.04	0.08
11	0.05	0.06	0.06	0.13	0.09	0.05	0.07	0.10	0.04	0.18	0.05	0.07
12	0.06	0.06	0.06	0.86	0.10	0.60	0.23	0.10	0.04	0.07	0.05	0.06
13	0.05	0.07	0.06	0.24	0.10	0.37	0.10	0.17	0.04	0.92	0.05	0.08
14	0.09	0.06	0.06	0.17	0.10	0.07	0.05	0.09	0.26	0.09	0.07	0.48
15	0.05	0.06	0.06	0.13	0.10	0.06	0.06	0.09	0.05	0.08	0.07	0.13
16	0.05	0.06	0.06	0.13	0.10	0.06	0.06	0.08	0.04	0.08	0.06	0.09
17	0.06	0.06	0.16	0.13	0.10	0.06	0.06	0.10	0.04	0.07	0.09	0.09
18	0.06	0.06	0.07	0.12	0.12	0.06	0.24	0.41	0.06	0.07	0.32	0.28
19	0.05	0.06	0.06	0.20	0.09	0.05	0.08	0.06	0.05	0.06	0.17	0.11
20	0.05	0.06	0.06	0.16	0.08	0.05	0.08	0.06	0.06	0.06	0.08	0.12
21	0.06	0.06	0.06	0.13	0.05	0.32	0.08	0.06	0.05	0.11	0.07	0.10
22	0.06	0.07	0.06	0.11	0.05	0.06	0.07	0.06	0.11	0.17	0.16	0.09
23	0.06	0.20	0.06	0.10	0.06	0.07	0.06	0.06	0.07	0.08	0.05	0.11
24	0.06	0.07	0.06	0.10	0.07	0.05	0.06	0.05	0.28	0.07	0.07	0.09
25	0.05	0.12	0.09	0.12	0.07	0.05	0.20	0.05	0.08	0.08	0.21	0.08
26	0.05	0.06	0.09	0.10	0.05	0.31	0.07	0.05	0.07	0.07	0.09	0.39
27	0.06	0.06	0.09	0.10	0.09	0.12	0.08	0.05	0.06	0.07	e1.4	0.19
28	0.07	0.06	0.08	0.08	0.09	0.06	0.08	0.05	0.05	0.07	0.22	0.09
29	0.07	0.06	0.07	0.08	---	0.05	0.07	0.06	0.05	0.08	0.12	0.09
30	0.07	0.06	0.07	0.09	---	0.19	0.07	0.07	0.09	0.08	0.14	0.08
31	0.07	---	0.09	0.09	---	0.06	---	0.06	---	0.30	0.12	---
TOTAL	1.73	2.06	2.13	5.09	4.73	4.33	2.83	3.19	2.08	4.35	4.36	5.28
MEAN	0.056	0.069	0.069	0.16	0.17	0.14	0.094	0.10	0.069	0.14	0.14	0.18
MAX	0.09	0.20	0.16	0.86	1.4	0.86	0.50	0.43	0.28	0.92	1.4	1.6
MIN	0.04	0.06	0.05	0.08	0.05	0.05	0.04	0.05	0.03	0.06	0.04	0.06

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1997 - 2002, BY WATER YEAR (WY)

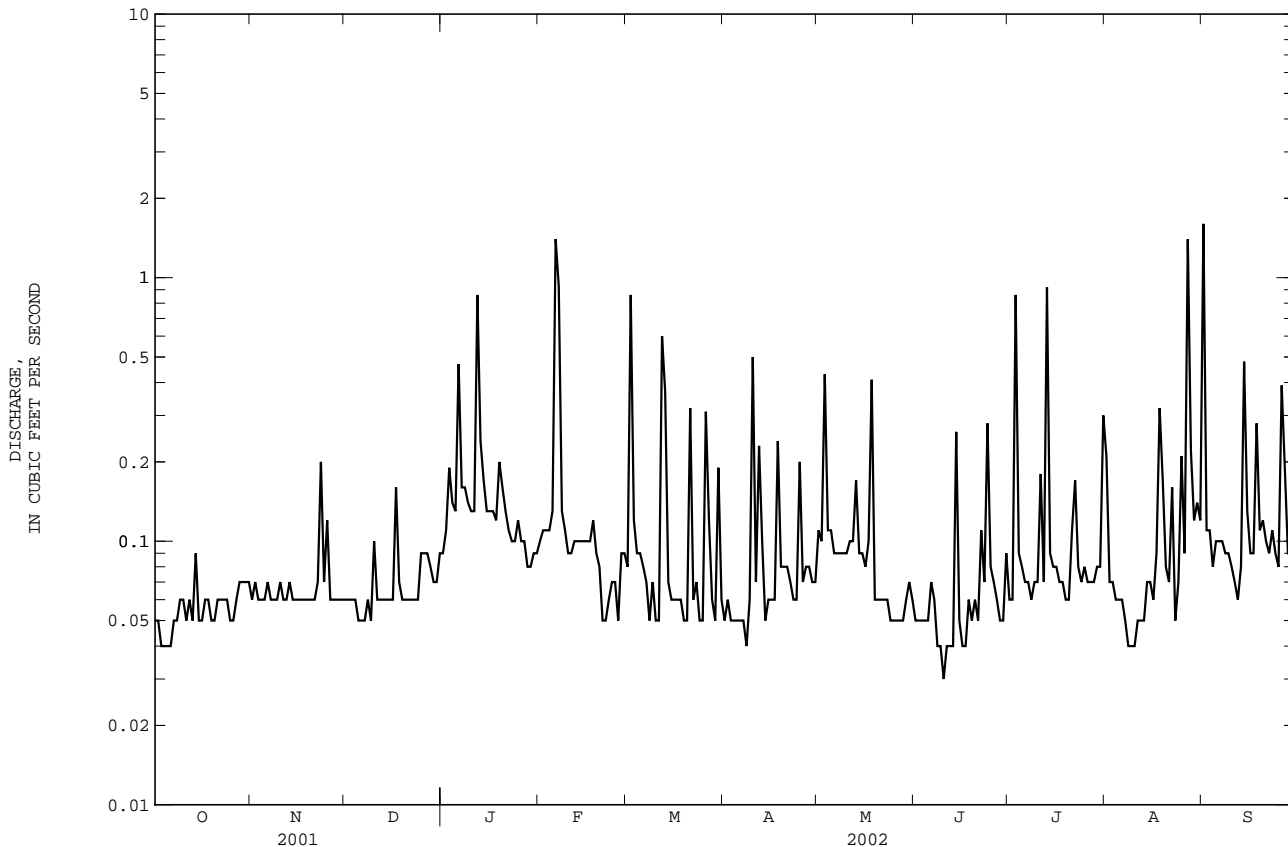
	1997	1998	1999	2000	2001	2002
MEAN	0.098	0.11	0.14	0.18	0.22	0.23
MAX	0.16	0.16	0.27	0.29	0.56	0.47
(WY)	1998	2001	1998	2000	1998	1998
MIN	0.056	0.069	0.069	0.071	0.10	0.13
(WY)	2002	2002	2002	1998	2000	1997

021973011 H-002 AT SAVANNAH RIVER SITE, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR	FOR 2002 WATER YEAR	WATER YEARS 1997 - 2002	
ANNUAL TOTAL	56.25	42.16		
ANNUAL MEAN	0.15	0.12	0.17	
HIGHEST ANNUAL MEAN			0.28	1998
LOWEST ANNUAL MEAN			0.12	2002
HIGHEST DAILY MEAN	e 3.6 Jul 3	1.6 Sep 1	e 4.6	Sep 22 2000
LOWEST DAILY MEAN	0.04 Oct 3	0.03 Jun 10	0.02 a	Oct 3 1998
ANNUAL SEVEN-DAY MINIMUM	0.04 Sep 30	0.04 Jun 7	0.03	Jul 17 1997
MAXIMUM PEAK FLOW		Unknown Aug 27	Unknown	Sep 22 2000
MAXIMUM PEAK STAGE		4.72 Aug 27	8.54	Sep 22 2000
10 PERCENT EXCEEDS	0.19	0.17	0.31	
50 PERCENT EXCEEDS	0.09	0.07	0.09	
90 PERCENT EXCEEDS	0.05	0.05	0.05	

a Also occurred many days in 1997 and 1998.

e Estimated



## SAVANNAH RIVER BASIN

021973012 CROUCH BRANCH NEAR H-AREA AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°17'27"', long 81°38'57"', Aiken County, Hydrologic Unit 03060106, on right upstream side of concrete culvert on Road 4, 0.5 mi west of H area, 0.9 mi southwest of junction of SRS roads 4 Savannah River Site.

PERIOD OF RECORD.--October 1991 to September 2002 (discontinued).

GAGE.--Data collection platform. Elevation of gage is 230 ft above NGVD of 1929 (from topographic map).

REMARKS.--Records poor. Flow regulated by Savannah River Site operations.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	e1.7
2	0.00	0.00	0.00	0.00	0.00	e0.64	0.00	0.00	0.00	0.00	0.00	0.13
3	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.31	0.00	e0.90	0.00	0.06
4	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.08	0.00	0.00	0.00	0.02
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
6	0.00	0.00	0.00	0.58	e0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.04	e2.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.02	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.02	0.00	0.00	0.66	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.01	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.78	0.00	e0.16	0.18	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.51	0.00	e0.60	0.09	0.00	0.00	e0.94	0.00	0.00
14	0.00	0.00	0.00	0.01	0.00	0.01	0.01	0.00	0.00	0.04	0.00	0.03
15	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.29	0.00	0.00	0.00	0.04
19	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.01	0.00	0.00	0.00	0.03
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.01
21	0.00	0.00	0.00	0.00	0.00	0.32	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.01	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.01	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.34	0.00	0.00	0.00
25	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.01	0.16	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	e0.74	0.04
28	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.44	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.06	0.00
30	0.00	0.00	0.00	0.00	---	0.21	0.00	0.00	0.00	0.00	0.05	0.00
31	0.00	---	0.00	0.00	---	0.01	---	0.00	---	0.00	0.05	---
TOTAL	0.00	0.00	0.00	2.04	2.67	2.32	1.27	0.69	0.35	1.88	1.61	2.30
MEAN	0.000	0.000	0.000	0.066	0.095	0.075	0.042	0.022	0.012	0.061	0.052	0.077
MAX	0.00	0.00	0.00	0.78	2.0	0.64	0.66	0.31	0.34	0.94	0.74	1.7
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

## STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1992 - 2002, BY WATER YEAR (WY)

	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	
MEAN	0.14	0.096	0.14	0.27	0.23	0.24	0.11	0.065	0.19	0.18	0.14	0.17
MAX	0.58	0.27	0.51	0.56	0.65	0.49	0.36	0.16	0.44	0.34	0.32	0.30
(WY)	1995	1993	1998	1993	1998	1998	1998	1998	1995	1999	1995	2000
MIN	0.000	0.000	0.000	0.066	0.034	0.075	0.018	0.009	0.012	0.018	0.022	0.026
(WY)	2002	2002	2002	2002	2000	2002	2000	1994	2002	2000	1997	1994

021973012 CROUCH BRANCH NEAR H-AREA AT SAVANNAH RIVER SITE, SC--Continued

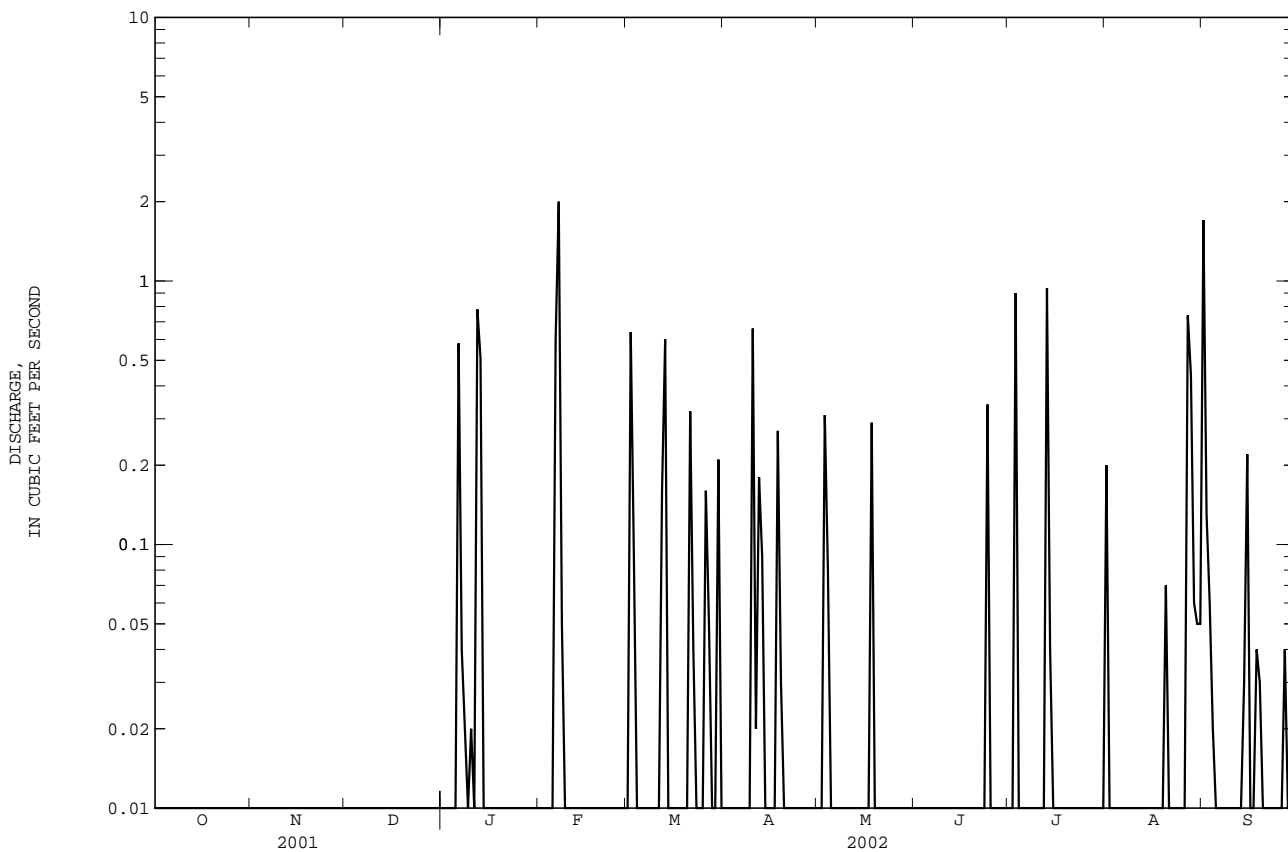
SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR	FOR 2002 WATER YEAR	WATER YEARS 1992 - 2002	
ANNUAL TOTAL	35.24	15.13	0.16	
ANNUAL MEAN	0.097	0.041	0.32	1998
HIGHEST ANNUAL MEAN			0.041	2002
LOWEST ANNUAL MEAN			e 7.0	Jan 8 1993
HIGHEST DAILY MEAN	e 3.8 Jul 3	e 2.0 Feb 7	0.00	b Apr 26 1994
LOWEST DAILY MEAN	0.00 a Jan 6	0.00 a Oct 1	0.00	Apr 26 1994
ANNUAL SEVEN-DAY MINIMUM	0.00 Feb 15	0.00 Oct 1	Unknown	Sep 23 2000
MAXIMUM PEAK FLOW		Unknown	Unknown	Sep 23 2000
MAXIMUM PEAK STAGE		3.68 Sep 1	c 10.67	Sep 23 2000
10 PERCENT EXCEEDS	0.19	0.04	0.33	
50 PERCENT EXCEEDS	0.01	0.00	0.02	
90 PERCENT EXCEEDS	0.00	0.00	0.00	

a Also occurred many days, several months.

b Also occurred many days, several years.

c From floodmarks.

e Estimated



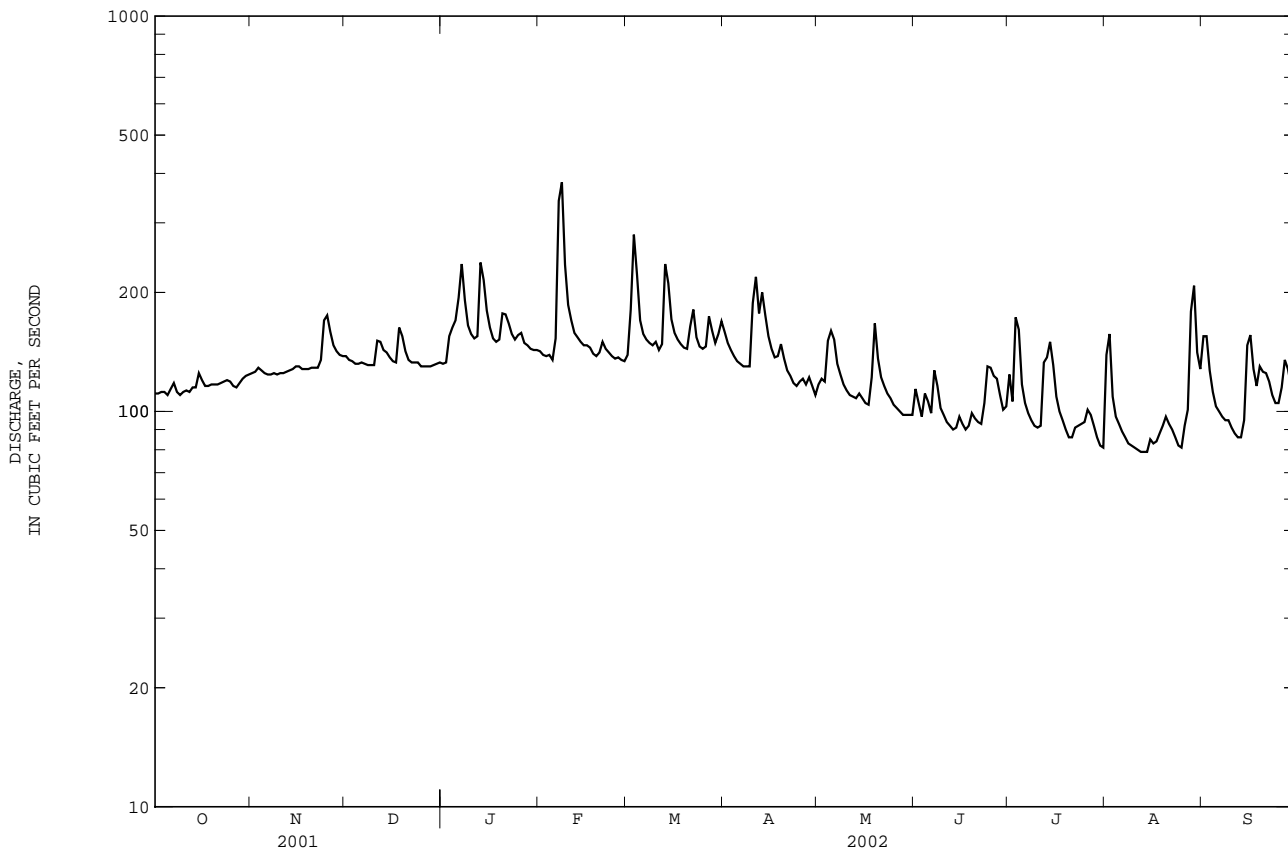


021973055 UPPER THREE RUNS ABOVE F-AREA AT SAVANNAH RIVER SITE, SC--Continued

SUMMARY STATISTICS	FOR 2002 WATER YEAR		WATER YEARS 2001 - 2002	
ANNUAL TOTAL	47577			
ANNUAL MEAN	130		130	
HIGHEST ANNUAL MEAN			130 2002	
LOWEST ANNUAL MEAN			130 2002	
HIGHEST DAILY MEAN	380	Feb 8	456	Jul 4 2001
LOWEST DAILY MEAN	79	a Aug 12	79	a Aug 12 2002
ANNUAL SEVEN-DAY MINIMUM	80	Aug 8	80	Aug 8 2002
MAXIMUM PEAK FLOW	399	Feb 8	500	Jul 4 2001
MAXIMUM PEAK STAGE	4.19	Feb 8	4.96	Jul 4 2001
10 PERCENT EXCEEDS	166		166	
50 PERCENT EXCEEDS	128		128	
90 PERCENT EXCEEDS	92		92	

a Also occurred Aug. 13, 14.

e Estimated



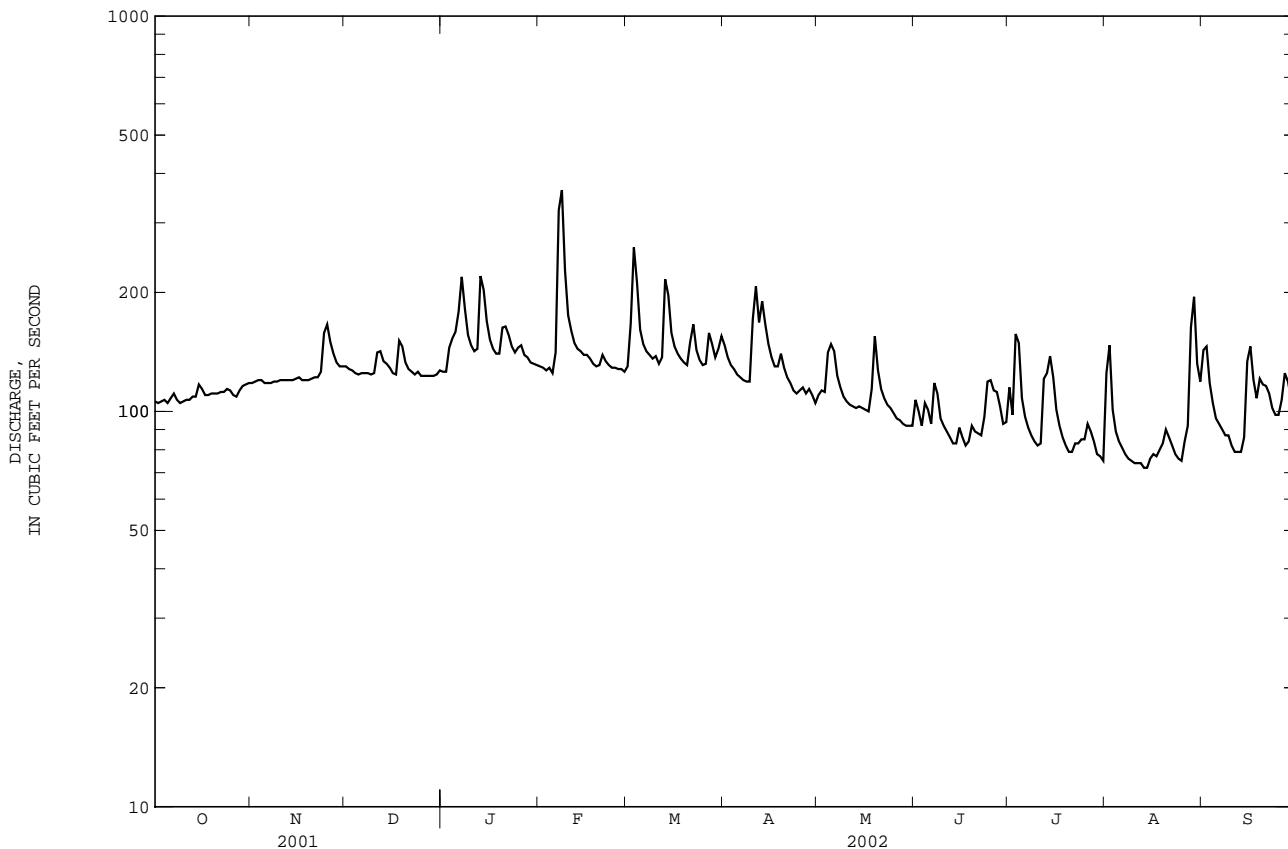




02197310 UPPER THREE RUNS ABOVE ROAD C AT SAVANNAH RIVER SITE, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1974 - 2002	
ANNUAL TOTAL	53728		44441			
ANNUAL MEAN	147		122		204	
HIGHEST ANNUAL MEAN					294	
LOWEST ANNUAL MEAN					122	
HIGHEST DAILY MEAN	443	May 30	363	Feb 8	1740	Oct 12 1990
LOWEST DAILY MEAN	95	Aug 29	72	a Aug 13	72	a Aug 13 2002
ANNUAL SEVEN-DAY MINIMUM	100	Aug 24	74	Aug 8	74	Aug 8 2002
MAXIMUM PEAK FLOW			381		2040	
MAXIMUM PEAK STAGE			5.13		7.87	
ANNUAL RUNOFF (CFSM)	0.84		0.69		1.16	
ANNUAL RUNOFF (INCHES)	11.36		9.39		15.76	
10 PERCENT EXCEEDS	192		155		297	
50 PERCENT EXCEEDS	131		120		183	
90 PERCENT EXCEEDS	109		84		127	

a Also occurred Aug. 14.



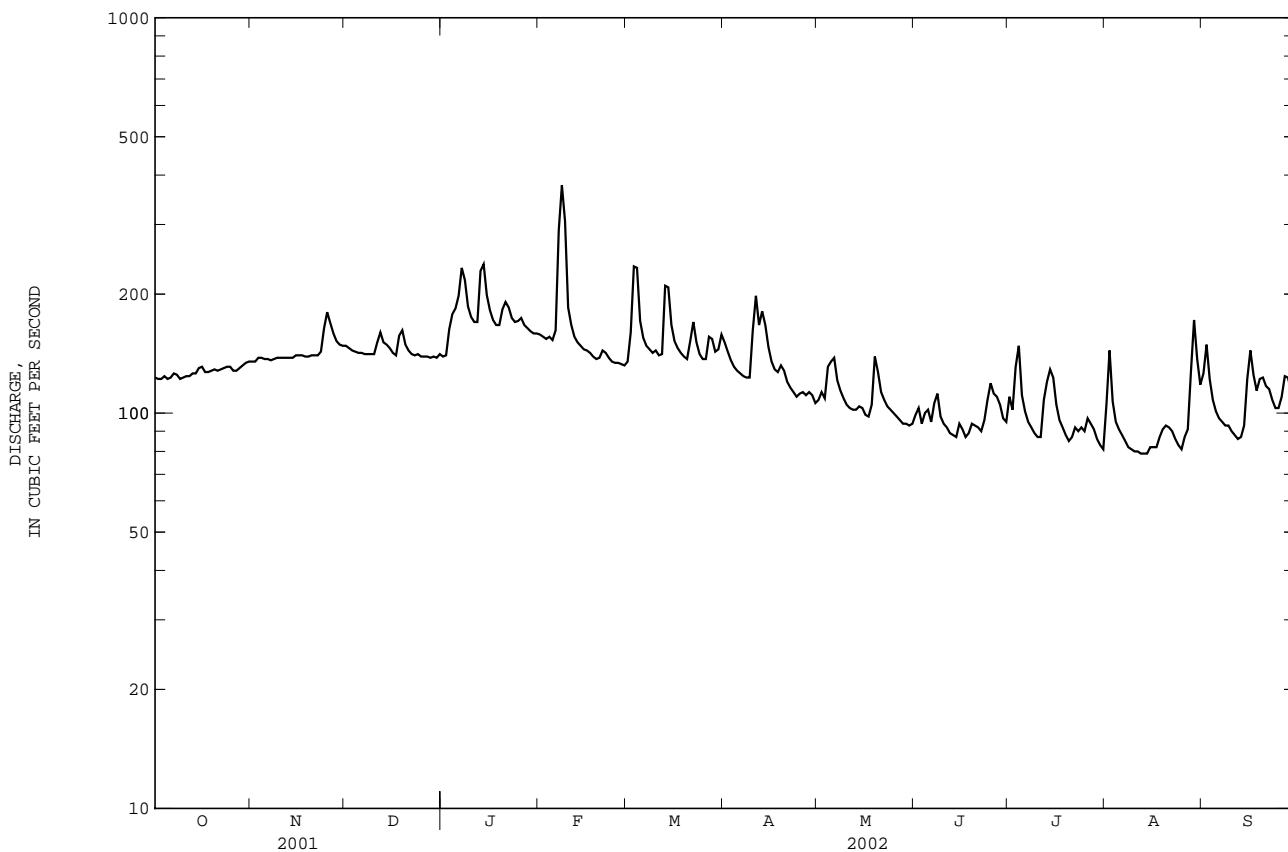


02197315 UPPER THREE RUNS AT ROAD A AT SAVANNAH RIVER SITE, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1974 - 2002	
ANNUAL TOTAL	58768		47450			
ANNUAL MEAN	161		130		234	
HIGHEST ANNUAL MEAN					320	
LOWEST ANNUAL MEAN					130	
HIGHEST DAILY MEAN	436	Jul 5	377	Feb 8	2000	Oct 13 1990
LOWEST DAILY MEAN	114	Aug 29	79	a Aug 12	79	a Aug 12 2002
ANNUAL SEVEN-DAY MINIMUM	117	Aug 24	80	Aug 8	80	Aug 8 2002
MAXIMUM PEAK FLOW			394		b Feb 8	2580
MAXIMUM PEAK STAGE			4.31		b Feb 8	7.89
ANNUAL RUNOFF (CFSM)	0.79		0.64		1.15	
ANNUAL RUNOFF (INCHES)	10.77		8.70		15.68	
10 PERCENT EXCEEDS	202		168		355	
50 PERCENT EXCEEDS	145		130		212	
90 PERCENT EXCEEDS	124		90		137	

a Also occurred Aug. 13, 14.

b Also occurred Feb. 9.



## SAVANNAH RIVER BASIN

02197320 SAVANNAH RIVER NEAR JACKSON, SC

LOCATION.--Lat 33°13'01'', long 81°46'04'', Aiken County, Hydrologic Unit 03060106, on left bank 0.5 mi downstream from Upper Three Runs, 15.2 mi upstream from Steel Creek, 6.2 mi south of Jackson and at mile 156.8.

DRAINAGE AREA.--8,110 mi<sup>2</sup>.

PERIOD OF RECORD.--October 1971 to September 2002 (discontinued), discharge below 22,000 ft<sup>3</sup>/s only.

REVISED RECORD.--WRD SC-01-1: Drainage area.

GAGE.--Data collection platform. Datum of gage is 77.00 ft above NGVD of 1929.

REMARKS.--No estimated daily discharges. Records good. Water is diverted above and below gage by Savannah River Site with the volume diverted varying from day to day. Flow regulated by Hartwell Lake (see sta. 02187250), Richard B. Russell Lake (see sta. 02189004), Thurmond Lake (see sta. 02194500), and affected to some degree by Savannah River Site operations. At times of high flow, bankfull capacity is exceeded in the intervening channel reach, therefore, daily mean discharges greater than 22,000 ft<sup>3</sup>/s are not shown.

## DAILY MEAN VALUES

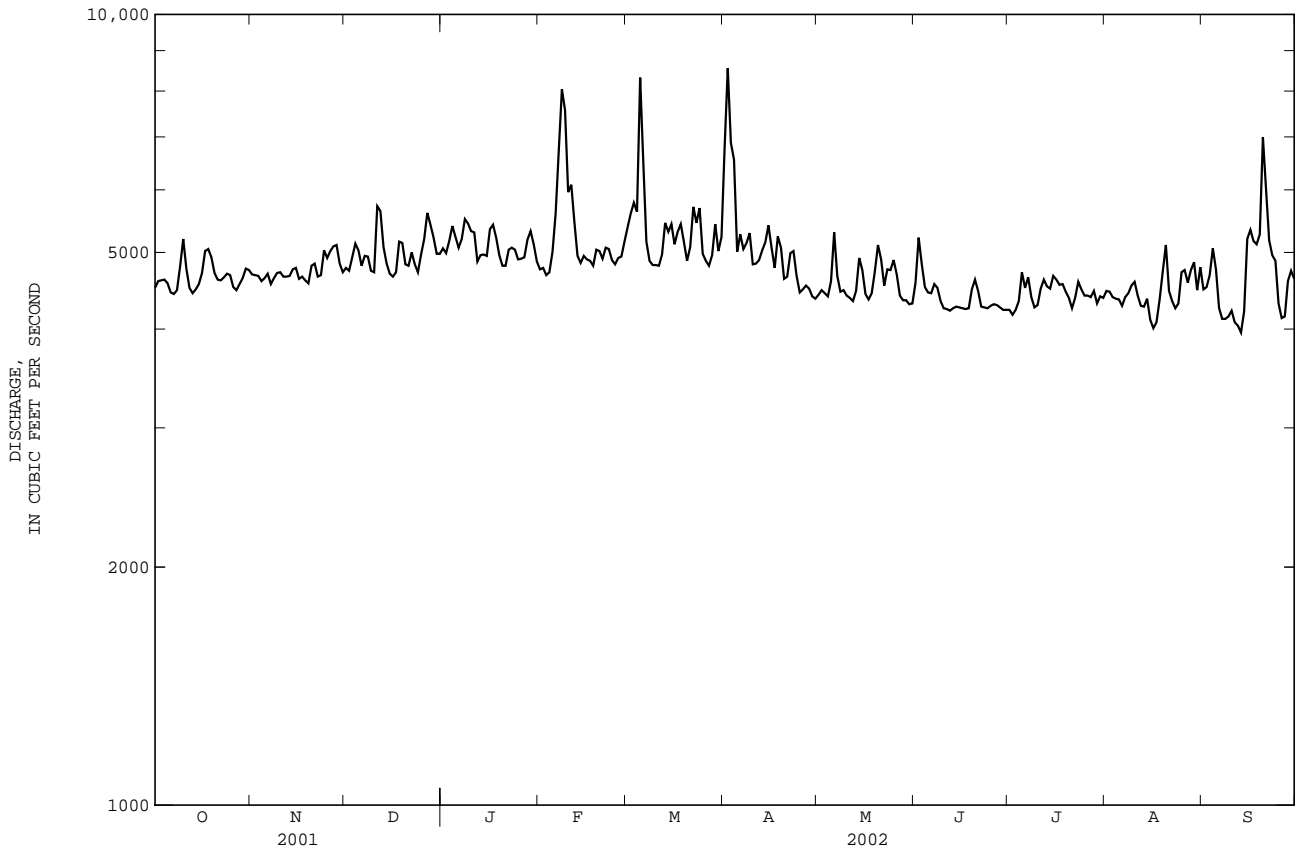
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4510	4690	4780	5060	4760	5380	6790	4420	4580	4230	4470	4490
2	4600	4680	4740	4990	4780	5600	8550	4480	5220	4170	4460	4520
3	4610	4670	4930	5170	4680	5780	6880	4440	4830	4230	4390	4680
4	4620	4600	5130	5400	4720	5630	6550	4400	4520	4340	4370	5060
5	4570	4640	5030	5230	5010	8320	5010	4600	4450	4720	4360	4760
6	4450	4700	4810	5070	5600	6520	5270	5300	4440	4510	4280	4250
7	4430	4560	4950	5200	6720	5160	5050	4670	4560	4650	4390	4120
8	4480	4640	4940	5510	8040	4880	5140	4460	4510	4390	4440	4120
9	4800	4710	4740	5440	7570	4820	5290	4480	4340	4260	4540	4150
10	5200	4720	4720	5320	5960	4820	4830	4410	4250	4290	4590	4220
11	4770	4660	5720	5300	6090	4810	4840	4380	4240	4500	4410	4080
12	4510	4660	5640	4870	5460	4970	4890	4340	4220	4620	4280	4040
13	4440	4670	5080	4960	4950	5450	5030	4470	4250	4530	4270	3960
14	4490	4760	4840	4970	4850	5310	5150	4920	4270	4500	4370	4210
15	4560	4780	4700	4950	4950	5430	5410	4750	4260	4670	4110	5200
16	4710	4630	4660	5350	4900	5120	5070	4430	4250	4620	4010	5340
17	5020	4660	4720	5420	4880	5310	4780	4360	4240	4550	4080	5170
18	5050	4610	5160	5220	4810	5430	5240	4440	4250	4560	4360	5120
19	4930	4570	5140	4960	5040	5150	5070	4730	4490	4460	4730	5270
20	4710	4810	4830	4810	5020	4880	4630	5110	4620	4380	5110	6990
21	4620	4840	4810	4810	4910	5080	4660	4900	4470	4250	4470	6010
22	4610	4660	5000	5040	5070	5710	4990	4540	4270	4380	4340	5180
23	4650	4680	4830	5070	5050	5450	5020	4760	4260	4590	4250	4960
24	4700	5030	4720	5040	4890	5690	4670	4750	4250	4490	4310	4880
25	4680	4920	4970	4900	4830	4980	4450	4890	4280	4410	4720	4310
26	4520	5020	5200	4910	4920	4880	4490	4690	4300	4410	4750	4130
27	4480	5090	5610	4930	4940	4810	4540	4410	4290	4390	4580	4150
28	4560	5110	5420	5190	5160	4960	4500	4350	4260	4470	4750	4600
29	4640	4840	5220	5320	---	5430	4400	4350	4230	4310	4860	4740
30	4770	4720	4980	5120	---	5020	4370	4300	4230	4400	4480	4630
31	4750	---	4980	4870	---	5230	---	4310	---	4380	4790	---
TOTAL	144440	142330	155000	158400	148560	166010	155560	141840	131630	137660	138320	141340
MEAN	4659	4744	5000	5110	5306	5355	5185	4575	4388	4441	4462	4711
MAX	5200	5110	5720	5510	8040	8320	8550	5300	5220	4720	5110	6990
MIN	4430	4560	4660	4810	4680	4810	4370	4300	4220	4170	4010	3960
CFSM	0.57	0.58	0.62	0.63	0.65	0.66	0.64	0.56	0.54	0.55	0.55	0.58
IN.	0.66	0.65	0.71	0.73	0.68	0.76	0.71	0.65	0.60	0.63	0.63	0.65

## STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1972 - 2002, BY WATER YEAR (WY)

MEAN	7458	7315	8813	9857	10090	8457	8425	7894	7933	7081	7409	7216
MAX	14280	14570	16880	16960	18670	13760	14560	13930	16820	11430	16510	11270
(WY)	1990	1976	1990	1974	1973	1977	1984	1975	1979	1991	1991	1994
MIN	4659	4563	4583	5110	5306	5355	4883	4575	4388	4441	4462	4711
(WY)	2002	1982	2000	2002	2002	2002	2000	2002	2002	2002	2002	2002

02197320 SAVANNAH RIVER NEAR JACKSON, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1972 - 2002	
LOWEST DAILY MEAN	4430	Sep 30	3960	Sep 13	3220	Dec 9 1981
MAXIMUM PEAK FLOW			8870	Mar 5	Unknown	Apr 11 1983
MAXIMUM PEAK STAGE			8.77	Mar 5	21.57	Apr 11 1983



## SAVANNAH RIVER BASIN

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 September 2002 (discontinued).

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 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e0.04	e0.04	0.13	0.03	0.03	0.09	0.11	0.16	0.00	0.02	0.08	0.39
2	e0.03	0.08	0.11	0.06	0.03	0.58	0.17	0.18	0.00	0.01	0.03	0.09
3	e0.04	0.02	0.08	0.10	0.03	0.16	0.31	0.18	0.00	1.1	0.03	0.07
4	e0.05	0.01	0.04	0.03	0.04	0.04	0.29	0.18	0.00	0.01	0.03	0.02
5	e0.05	0.00	0.03	0.03	0.05	0.03	0.38	0.16	0.00	0.01	0.03	0.01
6	e0.14	0.02	0.03	0.18	0.78	0.03	0.43	0.14	0.00	0.04	0.03	0.02
7	e0.02	0.05	0.03	0.03	1.0	0.03	0.37	0.13	0.00	0.01	0.03	0.02
8	e0.03	0.10	0.02	0.02	0.13	0.04	0.37	0.13	0.00	0.01	0.03	0.01
9	e0.09	0.20	0.02	0.01	0.09	0.09	0.40	0.13	0.00	0.01	0.03	0.02
10	e0.03	0.27	0.05	0.01	0.06	0.06	0.87	0.13	0.00	0.01	0.03	0.02
11	e0.05	0.25	0.04	0.04	0.05	0.03	0.35	0.13	0.00	0.34	0.03	0.02
12	e0.05	0.26	0.03	0.30	0.06	0.42	0.44	0.13	0.00	0.04	0.03	0.03
13	e0.05	0.06	0.03	0.22	0.04	0.71	0.40	0.26	0.00	0.46	0.03	0.04
14	e0.05	0.15	0.03	0.06	0.03	0.13	0.29	0.04	0.01	0.09	0.03	0.20
15	e0.05	0.35	0.03	0.05	0.03	0.10	0.28	0.03	0.00	0.03	0.03	0.10
16	e0.14	0.24	0.03	0.05	0.05	0.09	0.27	0.03	0.00	0.03	0.03	0.03
17	e0.03	0.18	0.03	0.03	0.05	0.09	0.24	0.03	0.00	0.03	0.06	0.01
18	e0.10	0.16	0.04	0.03	0.03	0.22	0.24	0.14	0.28	0.04	0.26	0.26
19	e0.05	0.23	0.03	0.08	0.03	0.10	0.26	0.01	0.01	0.02	0.19	0.04
20	e0.16	0.46	0.03	0.08	0.07	0.09	0.24	0.01	0.00	0.09	0.11	0.02
21	e0.08	0.48	0.03	0.05	0.05	0.35	0.27	0.01	0.00	0.05	0.08	0.01
22	e0.03	0.38	0.03	0.05	0.03	0.19	0.27	0.01	0.00	0.11	0.05	0.01
23	e0.37	0.48	0.05	0.05	0.03	0.09	0.21	0.01	0.00	0.01	0.05	0.01
24	e0.15	0.09	0.05	0.05	0.03	0.09	0.15	0.01	0.02	0.01	0.05	0.01
25	e0.13	0.12	0.03	0.07	0.03	0.09	0.18	0.00	e1.0	0.04	0.13	0.01
26	e0.02	0.03	0.03	0.03	0.05	0.17	0.11	0.00	0.19	0.02	0.05	0.08
27	e0.02	0.05	0.05	0.03	0.14	0.15	0.12	0.00	0.06	0.03	0.46	0.05
28	e0.05	0.07	0.12	0.03	0.08	0.09	0.11	0.00	0.03	0.01	0.22	0.03
29	e0.05	0.09	0.13	0.03	---	0.09	0.10	0.00	0.02	0.01	0.15	0.03
30	e0.06	0.09	0.13	0.03	---	0.17	0.12	0.00	0.02	0.01	0.31	0.03
31	e0.14	---	0.43	0.03	---	0.12	---	0.00	---	0.02	0.16	---
TOTAL	2.35	5.01	1.94	1.89	3.12	4.73	8.35	2.37	1.64	2.72	2.86	1.69
MEAN	0.076	0.17	0.063	0.061	0.11	0.15	0.28	0.076	0.055	0.088	0.092	0.056
MAX	0.37	0.48	0.43	0.30	1.0	0.71	0.87	0.26	1.0	1.1	0.46	0.39
MIN	0.02	0.00	0.02	0.01	0.03	0.03	0.10	0.00	0.00	0.01	0.03	0.01

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 2002, BY WATER YEAR (WY)

	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
MEAN	2.20	2.19	2.11	2.39	2.31	2.39	2.06	1.85	1.96	2.15	2.11	2.04							
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	0.076	0.13	0.063	0.061	0.11	0.15	0.16	0.076	0.055	0.075	0.055	0.056							
(WY)	2002	2000	2002	2002	2002	2002	2000	2002	2002	2001	2001	2002							

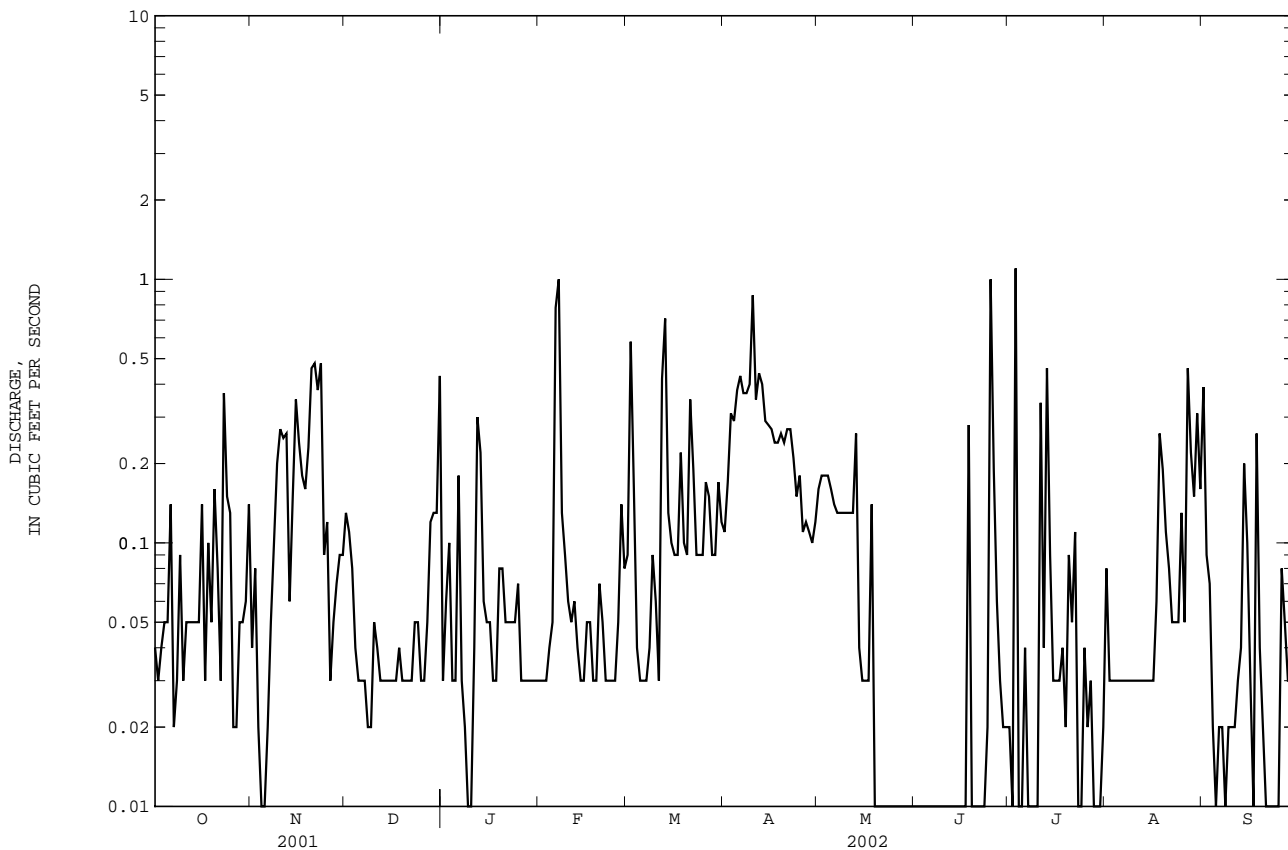
02197323 D-006 AT SAVANNAH RIVER SITE, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR	FOR 2002 WATER YEAR	WATER YEARS 1984 - 2002	
ANNUAL TOTAL	70.26	38.67		
ANNUAL MEAN	0.19	0.11	2.14	
HIGHEST ANNUAL MEAN			3.82	1993
LOWEST ANNUAL MEAN			0.11	2002
HIGHEST DAILY MEAN	2.5 Jun 13	1.1 Jul 3	e 18	Mar 8 1998
LOWEST DAILY MEAN	0.00 Jan 10	0.00 a Nov 5	0.00 a	Jan 10 2001
ANNUAL SEVEN-DAY MINIMUM	0.00 Aug 2	0.00 May 25	0.00	Aug 2 2001
MAXIMUM PEAK FLOW		Unknown Jun 25	Unknown	Sep 22 2000
MAXIMUM PEAK STAGE		b 3.16 Oct 23	5.62	Sep 22 2000
10 PERCENT EXCEEDS	0.46	0.27	3.2	
50 PERCENT EXCEEDS	0.09	0.05	2.2	
90 PERCENT EXCEEDS	0.02	0.01	0.13	

a Also occurred several days in May and June, 2002.

b Caused by beaverdam.

e Estimated







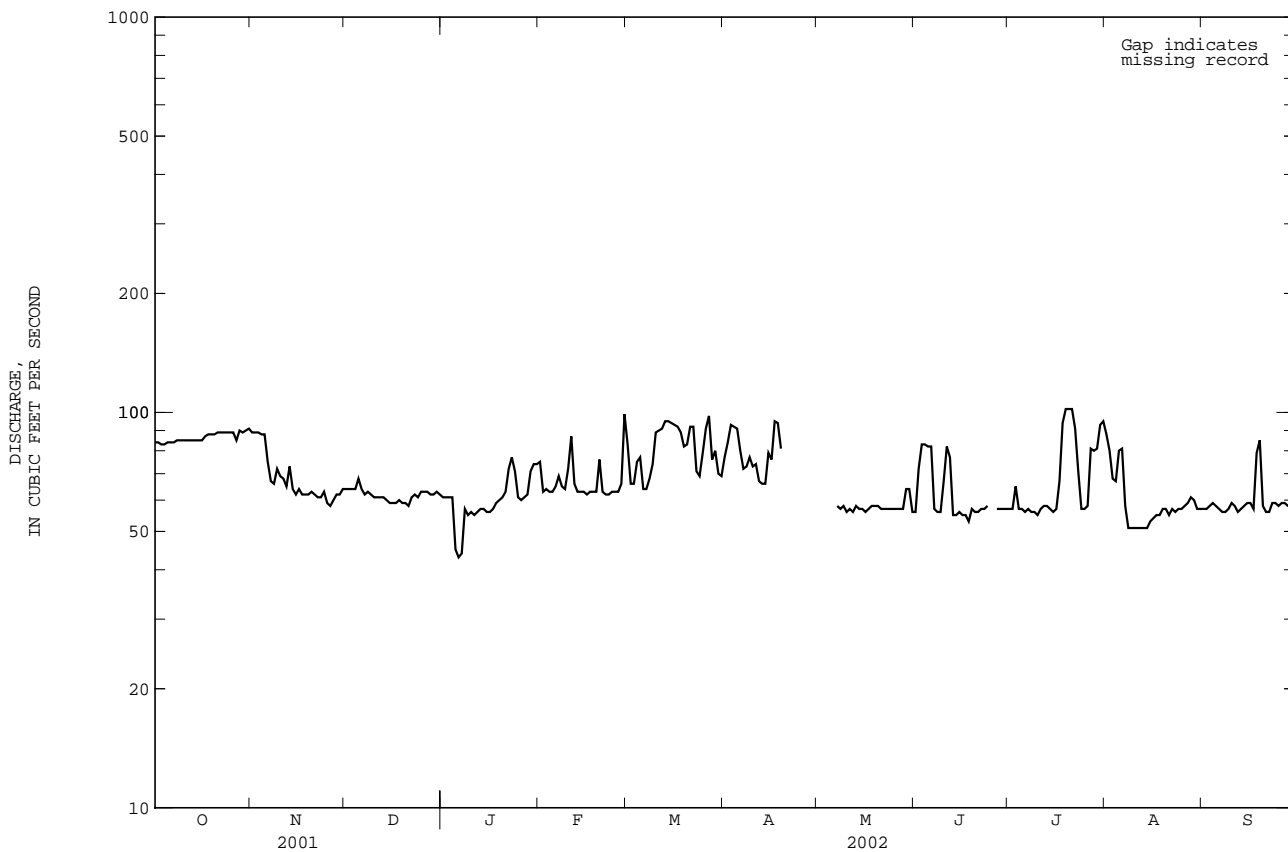
02197326 BEAVERDAM CREEK AT 400-D AT SAVANNAH RIVER SITE, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		WATER YEARS 1974 - 2002	
ANNUAL TOTAL	30009			
ANNUAL MEAN	82.2		81.9	
HIGHEST ANNUAL MEAN			98.2	1998
LOWEST ANNUAL MEAN			66.6	1989
HIGHEST DAILY MEAN	111	Jun 17	135	Feb 4 1998
LOWEST DAILY MEAN	58	Nov 26	e 1.0 a	Oct 22 1999
ANNUAL SEVEN-DAY MINIMUM	59	Dec 15	1.1	Oct 18 1999
MAXIMUM PEAK FLOW			226	Sep 22 2000
MAXIMUM PEAK STAGE			b 3.87	Sep 22 2000
ANNUAL RUNOFF (CFSM)	113		112	
ANNUAL RUNOFF (INCHES)	1529.23		1524.18	
10 PERCENT EXCEEDS	94		101	
50 PERCENT EXCEEDS	86		83	
90 PERCENT EXCEEDS	63		62	

a Also occurred on Oct. 23, 24, 1999.

b At datum then in use.

e Estimated



## SAVANNAH RIVER BASIN

02197338 SITE NO. 5 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°16'50'', long 81°40'15'', Aiken County, Hydrologic Unit 03060106, at upstream end of pipe culvert at SRS Road E, 600 ft southeast of Area F, 0.5 mi east of SRS Road C, at Savannah River Site.

DRAINAGE AREA.--0.28 mi<sup>2</sup>.

PERIOD OF RECORD.--October 1972 to September 2002 (discontinued).

GAGE.--Data collection platform. Datum of gage is 250.6 ft above NGVD of 1929 (by Global Positioning System and Department of Energy benchmarks).

REMARKS.--Records fair. Flow completely regulated by Savannah River Site operations.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.9	1.9	1.7	1.7	1.3	1.8	1.8	2.1	2.0	1.8	2.6	2.8
2	2.2	2.1	1.7	1.3	1.6	3.4	1.9	2.1	2.0	2.0	2.9	1.8
3	1.3	1.9	1.6	1.6	1.3	1.9	2.0	2.7	1.8	2.9	2.9	1.7
4	1.6	1.8	1.9	1.8	1.4	2.0	2.0	2.0	2.0	2.2	1.9	1.7
5	1.9	1.8	2.5	2.0	1.3	3.2	2.1	1.9	2.3	2.4	2.0	2.2
6	1.7	1.8	2.2	2.3	3.9	2.4	2.1	2.0	2.1	2.1	1.9	2.7
7	1.6	1.5	1.8	1.7	3.3	1.9	2.1	2.0	2.1	2.1	1.9	2.1
8	1.8	1.6	1.8	1.9	2.2	2.1	2.4	2.0	1.9	1.9	2.0	1.8
9	1.7	1.7	1.8	1.6	3.3	2.3	2.1	1.9	2.0	2.0	2.0	1.8
10	1.7	2.0	1.8	1.5	2.4	2.2	2.9	2.0	2.0	1.9	2.5	1.8
11	1.7	1.7	1.8	1.7	2.3	2.2	2.1	2.1	2.0	2.2	1.9	1.9
12	1.8	1.6	1.7	2.9	1.9	2.9	2.6	1.9	2.0	2.4	1.9	1.8
13	1.8	1.6	1.9	1.9	1.8	2.4	2.4	2.1	2.1	3.6	1.9	1.9
14	2.4	1.8	2.1	2.1	2.1	1.9	2.5	2.0	2.5	2.0	1.9	2.6
15	1.8	1.7	1.7	1.9	1.8	2.0	2.5	2.0	1.5	1.9	1.9	2.1
16	1.7	1.7	1.8	1.9	2.0	1.9	2.3	2.0	1.2	2.3	1.9	2.0
17	1.7	1.9	2.5	1.8	2.0	2.3	2.5	2.3	1.1	2.2	2.1	2.0
18	1.8	1.7	1.7	2.6	2.0	2.1	2.1	2.7	1.2	2.1	2.4	2.2
19	1.9	1.9	1.8	3.1	1.9	1.9	2.1	1.9	1.2	2.0	2.3	2.2
20	1.9	1.8	1.9	1.7	1.8	2.0	2.0	2.0	2.3	2.0	1.7	2.3
21	1.9	1.7	1.6	1.6	2.0	2.5	1.9	2.0	2.1	2.3	1.7	2.1
22	1.8	1.7	1.9	1.8	1.9	1.9	1.9	2.9	1.9	2.1	1.6	2.0
23	1.8	2.6	1.8	1.8	1.8	1.8	1.9	2.3	1.8	2.0	1.5	2.0
24	1.8	1.7	1.8	1.3	1.9	1.8	2.0	1.9	2.8	2.1	1.5	2.0
25	1.8	1.9	2.2	0.61	2.1	1.8	2.2	2.1	2.0	2.2	1.6	2.0
26	1.8	1.7	2.1	1.4	1.9	2.0	1.9	2.0	1.9	2.0	1.5	3.1
27	2.1	1.9	1.8	1.4	1.8	1.8	2.1	1.9	1.9	2.0	1.8	2.2
28	2.5	1.7	2.2	1.4	2.1	1.9	1.9	1.9	1.9	2.0	1.9	2.4
29	2.2	1.8	1.9	1.5	---	2.4	1.9	1.8	1.9	1.9	1.5	1.6
30	2.1	1.7	1.7	1.3	---	2.3	2.2	2.0	2.0	1.9	2.0	1.4
31	2.0	---	1.7	1.3	---	1.9	---	1.9	---	2.5	2.0	---
TOTAL	57.7	53.9	58.4	54.41	57.1	66.9	64.4	64.4	57.5	67.0	61.1	62.2
MEAN	1.86	1.80	1.88	1.76	2.04	2.16	2.15	2.08	1.92	2.16	1.97	2.07
MAX	2.5	2.6	2.5	3.1	3.9	3.4	2.9	2.9	2.8	3.6	2.9	3.1
MIN	1.3	1.5	1.6	0.61	1.3	1.8	1.8	1.8	1.1	1.8	1.5	1.4

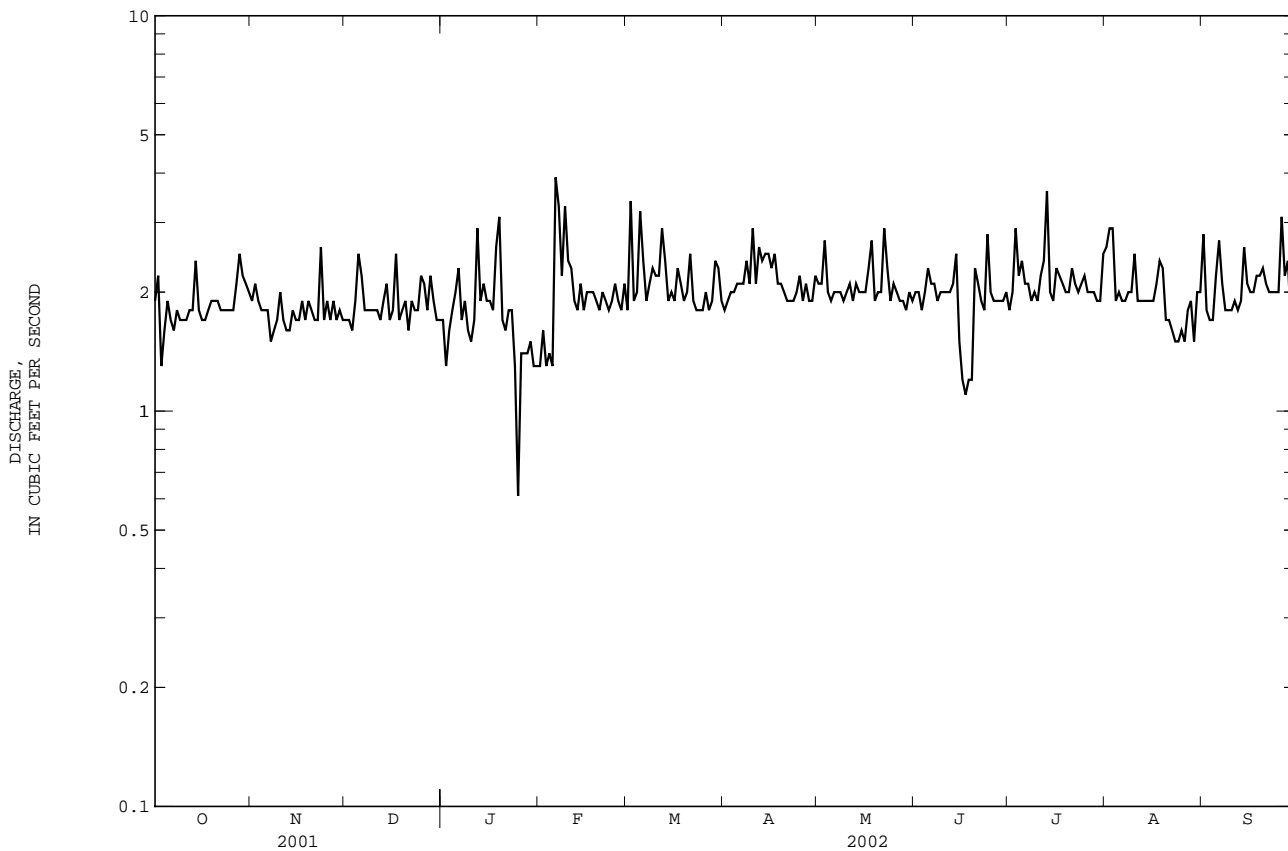
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1973 - 2002, BY WATER YEAR (WY)

MEAN	2.64	2.54	2.60	2.84	3.01	2.85	2.61	2.58	2.81	2.60	2.52	2.48
MAX	4.66	3.79	4.06	4.07	4.68	4.80	5.12	4.44	4.84	4.16	4.84	4.24
(WY)	1991	1983	1990	1986	1985	1998	1998	1998	1995	1984	1988	1989
MIN	1.15	1.57	1.69	1.73	1.72	1.57	1.92	1.48	1.92	1.42	1.45	1.08
(WY)	1992	1992	1992	1992	2001	1992	1992	1992	2002	1990	1992	1990

02197338 SITE NO. 5 AT SAVANNAH RIVER SITE, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1973 - 2002	
ANNUAL TOTAL	738.89		725.01			
ANNUAL MEAN	2.02		1.99		2.69	
HIGHEST ANNUAL MEAN					3.74	1989
LOWEST ANNUAL MEAN					1.72	1992
HIGHEST DAILY MEAN	7.8	Sep 11	3.9	Feb 6	48	Oct 12 1990
LOWEST DAILY MEAN	0.73	Feb 27	0.61	Jan 25	0.46	Jul 30 1990
ANNUAL SEVEN-DAY MINIMUM	1.2	Feb 24	1.3	Jan 24	0.60	Jul 26 1990
MAXIMUM PEAK FLOW			18	Mar 12	a 448	Jun 24 1995
MAXIMUM PEAK STAGE			1.74	Mar 12	9.46	Jun 24 1995
10 PERCENT EXCEEDS	2.6		2.4		4.0	
50 PERCENT EXCEEDS	1.9		1.9		2.4	
90 PERCENT EXCEEDS	1.6		1.6		1.7	

a From rating curve extended above 5 ft<sup>3</sup>/s and on basis of contracted-opening measurement of peak flow.



## SAVANNAH RIVER BASIN

02197339 SITE NO. 5B AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°16'29"', long 81°40'06"', Aiken County, Hydrologic Unit 0306106, on right bank, 100 ft east of SRS Road C, 300 ft upstream from confluence with Fourmile Creek, 0.7 mi southeast of F Area, at Savannah River Site.

DRAINAGE AREA.--0.57 mi<sup>2</sup>.

PERIOD OF RECORD.--October 1980 to September 2002 (discontinued).

GAGE.--Data collection platform. Datum of gage is 191.2 ft above NGVD of 1929 (by Global Positioning System and Department of Energy benchmarks). Prior to Oct. 12, 1990, at datum 1.0 ft lower.

REMARKS.--Records poor. Flow regulated by Savannah River Site operations.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.9	1.8	1.9	1.6	1.4	2.0	2.2	2.3	2.1	2.1	2.5	2.5
2	1.9	2.0	1.9	1.4	1.6	3.0	2.2	2.2	2.1	2.2	2.6	1.7
3	1.4	1.9	1.8	1.6	1.4	2.2	2.1	2.6	2.0	2.9	2.6	1.6
4	1.6	1.8	2.0	1.7	1.5	2.2	2.1	2.2	2.1	2.3	2.0	1.6
5	1.8	1.8	2.3	1.8	1.5	2.7	2.1	2.2	2.2	2.4	2.1	1.9
6	1.8	1.9	2.1	2.1	2.8	2.4	2.2	2.2	2.2	2.3	2.0	2.3
7	1.7	1.8	1.9	1.7	2.8	2.2	2.2	2.2	2.2	2.2	2.0	1.9
8	1.8	1.9	1.9	1.8	1.9	2.3	2.3	2.2	1.9	2.1	2.0	1.6
9	1.8	1.9	1.9	1.7	2.4	2.4	2.2	2.1	2.0	2.2	2.0	1.6
10	1.8	2.1	1.9	1.7	2.0	2.3	2.7	2.1	2.1	2.1	2.3	1.6
11	1.8	2.0	1.9	1.8	1.9	2.5	2.2	2.1	2.1	2.2	2.0	1.6
12	1.8	1.9	1.9	2.6	1.7	2.8	2.5	2.1	2.1	2.4	2.0	1.6
13	1.8	1.9	2.0	2.0	1.7	2.7	2.4	2.1	2.1	3.2	2.0	1.6
14	2.1	2.0	2.1	2.0	1.9	2.3	2.5	2.1	2.4	2.2	2.1	2.1
15	1.8	2.0	1.8	1.8	1.8	2.3	2.4	2.0	1.9	2.0	2.0	1.8
16	1.8	2.0	1.8	1.9	1.9	2.3	2.3	2.0	1.6	2.1	2.0	1.7
17	1.8	2.1	2.2	1.8	1.9	2.4	2.4	2.2	1.4	2.0	2.1	1.7
18	1.8	1.9	1.8	2.2	1.9	2.4	2.2	2.5	1.5	2.0	2.3	1.8
19	1.9	2.0	1.8	2.5	1.8	2.3	2.2	2.1	1.5	1.9	2.3	1.8
20	1.9	2.0	1.8	1.9	1.9	2.3	2.2	2.1	2.3	1.9	1.9	1.9
21	1.9	1.9	1.7	1.7	2.0	2.6	2.2	2.1	2.2	2.1	1.8	1.7
22	1.9	1.9	1.8	1.8	1.9	2.3	2.2	2.6	2.1	2.0	1.8	1.6
23	1.9	2.4	1.7	1.8	1.9	2.2	2.1	2.3	2.1	1.9	1.7	1.7
24	2.0	1.9	1.7	1.6	2.0	2.2	2.2	2.1	2.6	2.0	1.6	1.7
25	2.0	2.1	1.9	e0.63	2.1	2.2	2.3	2.2	2.2	2.1	1.8	1.7
26	2.1	1.9	1.9	e1.4	2.0	2.3	2.2	2.1	2.1	1.9	1.7	2.3
27	2.1	2.1	1.7	1.6	2.1	2.2	2.3	2.0	2.1	1.9	1.9	2.4
28	2.3	1.9	1.9	1.6	2.1	2.3	2.2	2.0	2.1	1.9	1.9	2.3
29	2.1	2.0	1.7	1.6	---	2.5	2.2	2.0	2.2	1.8	1.7	1.9
30	2.0	1.9	1.6	1.5	---	2.5	2.3	2.1	2.2	1.9	2.0	1.7
31	1.9	---	1.6	1.4	---	2.3	---	2.1	---	2.3	1.9	---
TOTAL	58.2	58.7	57.9	54.23	53.8	73.6	67.8	67.2	61.7	66.5	62.6	54.9
MEAN	1.88	1.96	1.87	1.75	1.92	2.37	2.26	2.17	2.06	2.15	2.02	1.83
MAX	2.3	2.4	2.3	2.6	2.8	3.0	2.7	2.6	2.6	3.2	2.6	2.5
MIN	1.4	1.8	1.6	0.63	1.4	2.0	2.1	2.0	1.4	1.8	1.6	1.6

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1980 - 2002, BY WATER YEAR (WY)

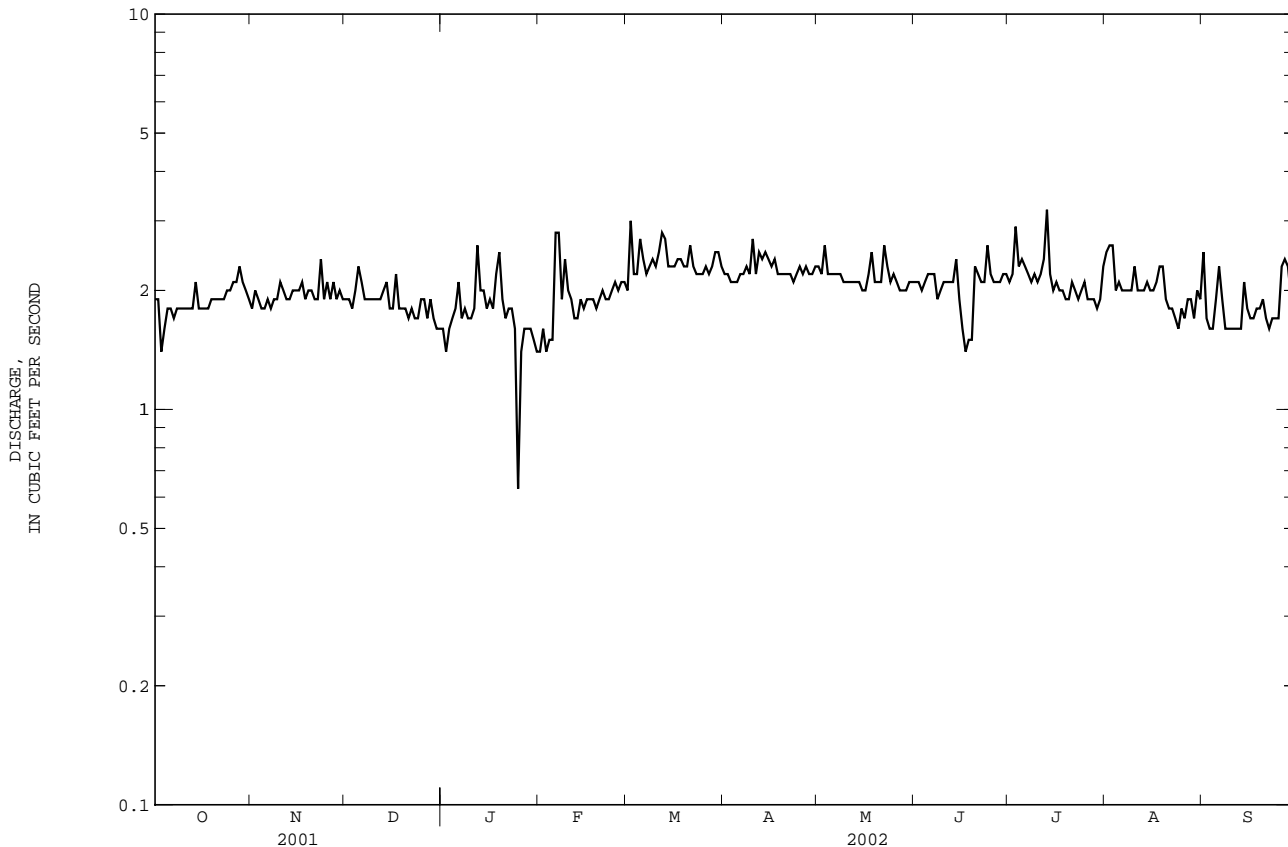
MEAN	2.85	2.87	2.95	3.16	3.29	3.17	2.98	2.82	3.13	2.88	2.79	2.69
MAX	4.84	4.87	4.47	4.62	5.00	5.29	5.38	5.79	4.80	4.71	5.30	4.79
(WY)	1991	1984	1985	1986	1985	1998	1984	1984	1995	1984	1984	1989
MIN	1.46	1.65	1.87	1.75	1.66	2.05	2.02	1.93	2.01	1.46	1.72	0.93
(WY)	1992	1992	2002	2002	1992	1992	2001	1999	2001	1990	1992	1990

02197339 SITE NO. 5B AT SAVANNAH RIVER SITE, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR	FOR 2002 WATER YEAR	WATER YEARS 1980 - 2002	
ANNUAL TOTAL	766.9	737.13		
ANNUAL MEAN	2.10	2.02	2.96	
HIGHEST ANNUAL MEAN			4.63	1984
LOWEST ANNUAL MEAN			1.92	1992
HIGHEST DAILY MEAN	e 9.5 Sep 11	3.2 Jul 13	e 33 Jun 24	1995
LOWEST DAILY MEAN	1.1 a Feb 27	0.63 Jan 25	0.60 Sep 15	1990
ANNUAL SEVEN-DAY MINIMUM	1.4 Feb 24	1.4 Jan 25	0.74 Sep 10	1990
MAXIMUM PEAK FLOW		13 Feb 6	Unknown Apr 27	1991
MAXIMUM PEAK STAGE		1.38 Feb 6	4.90 Apr 27	1991
10 PERCENT EXCEEDS	2.4	2.4	4.4	
50 PERCENT EXCEEDS	2.0	2.0	2.7	
90 PERCENT EXCEEDS	1.7	1.7	1.8	

a Also occurred Feb. 28.

e Estimated



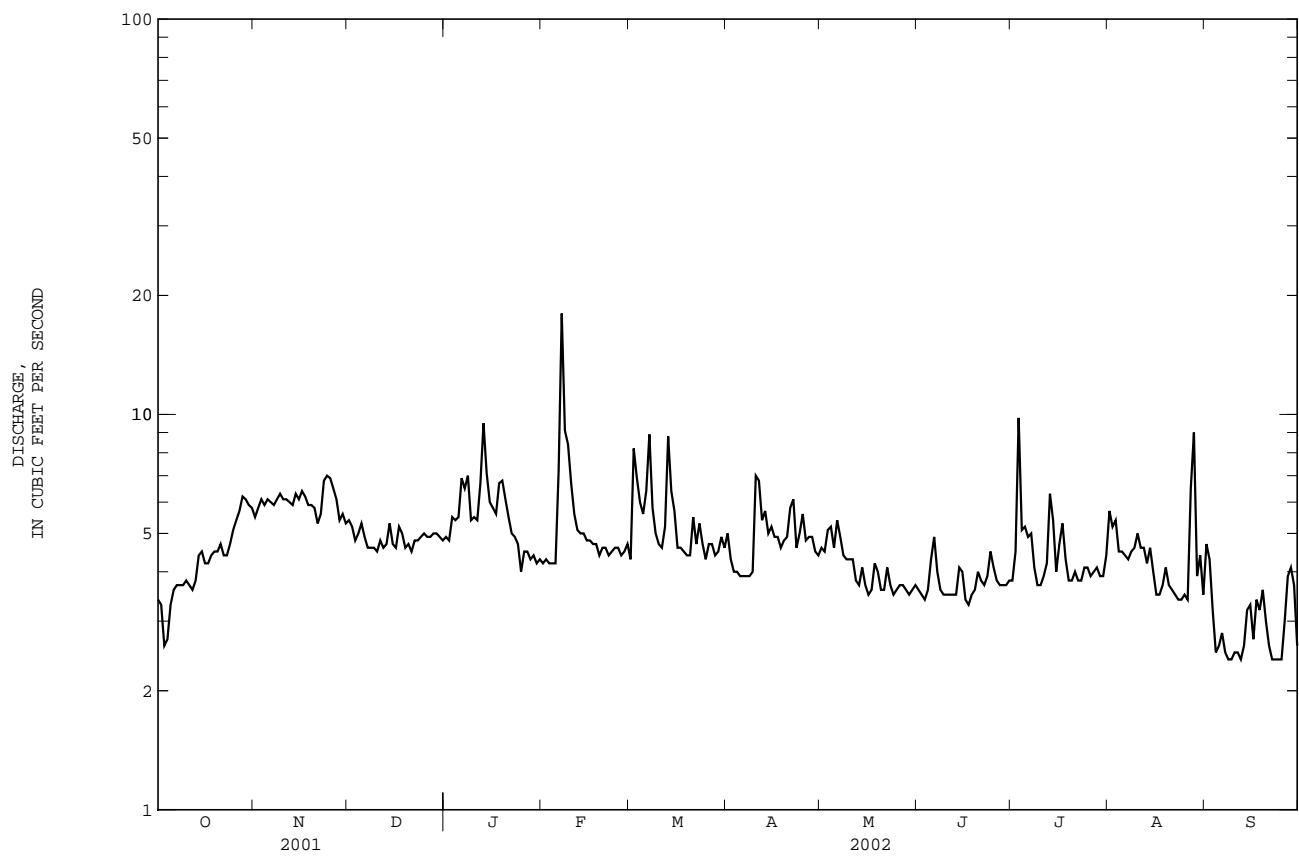


02197340 SITE NO. 6 AT SAVANNAH RIVER SITE, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1973 - 2002	
ANNUAL TOTAL	1996.2		1713.0		11.0	
ANNUAL MEAN	5.47		4.69		18.6	
HIGHEST ANNUAL MEAN					4.69	
LOWEST ANNUAL MEAN					186	
HIGHEST DAILY MEAN	30	Mar 15	18	Feb 7	e	Aug 22 1990
LOWEST DAILY MEAN	2.6	Oct 3	2.4	a Sep 8		2.1 May 24 1997
ANNUAL SEVEN-DAY MINIMUM	3.1	May 1	2.5	b Sep 7		2.5 Sep 7 2002
MAXIMUM PEAK FLOW			31	b Aug 27	Unknown	Aug 2 1991
MAXIMUM PEAK STAGE			2.91	b Aug 27		6.27 Aug 2 1991
ANNUAL RUNOFF (CFSM)	0.73		0.62		1.46	
ANNUAL RUNOFF (INCHES)	9.86		8.46		19.87	
10 PERCENT EXCEEDS	7.8		6.1		19	
50 PERCENT EXCEEDS	4.6		4.5		8.8	
90 PERCENT EXCEEDS	3.4		3.5		4.6	

a Also occurred Sep. 9, 12, 22-25.  
 b Also occurred Aug. 28.

e Estimated.



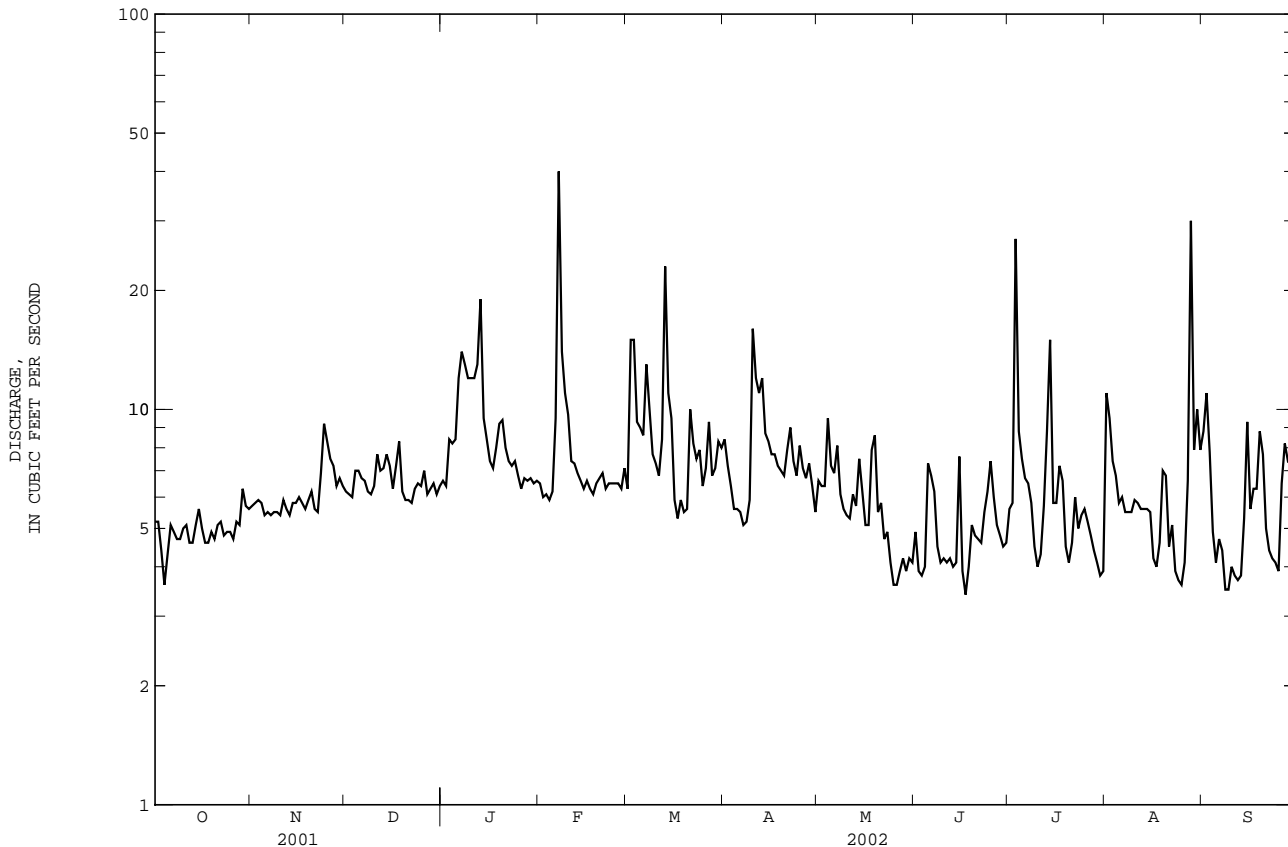




02197342 SITE NO. 7 AT SAVANNAH RIVER SITE, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR	FOR 2002 WATER YEAR	WATER YEARS 1973 - 2002	
ANNUAL TOTAL	3048.9	2475.9	16.5	
ANNUAL MEAN	8.35	6.78	32.7	1991
HIGHEST ANNUAL MEAN			6.78	2002
LOWEST ANNUAL MEAN			830	Aug 2 1991
HIGHEST DAILY MEAN	50 a Mar 4	40 Feb 7	2.7	Jul 2 1990
LOWEST DAILY MEAN	3.0 May 27	3.4 Jun 17	3.2	Jul 2 1990
ANNUAL SEVEN-DAY MINIMUM	3.9 May 22	3.8 Sep 7	Unknown	Aug 2 1991
MAXIMUM PEAK FLOW		58 Feb 7	6.89	Aug 2 1991
MAXIMUM PEAK STAGE		2.39 Feb 7	1.32	
ANNUAL RUNOFF (CFSM)	0.67	0.54	17.99	
ANNUAL RUNOFF (INCHES)	9.07	7.37	27	
10 PERCENT EXCEEDS	13	9.3	12	
50 PERCENT EXCEEDS	6.6	6.2	6.7	
90 PERCENT EXCEEDS	4.7	4.2		

a Also occurred Jul. 13.

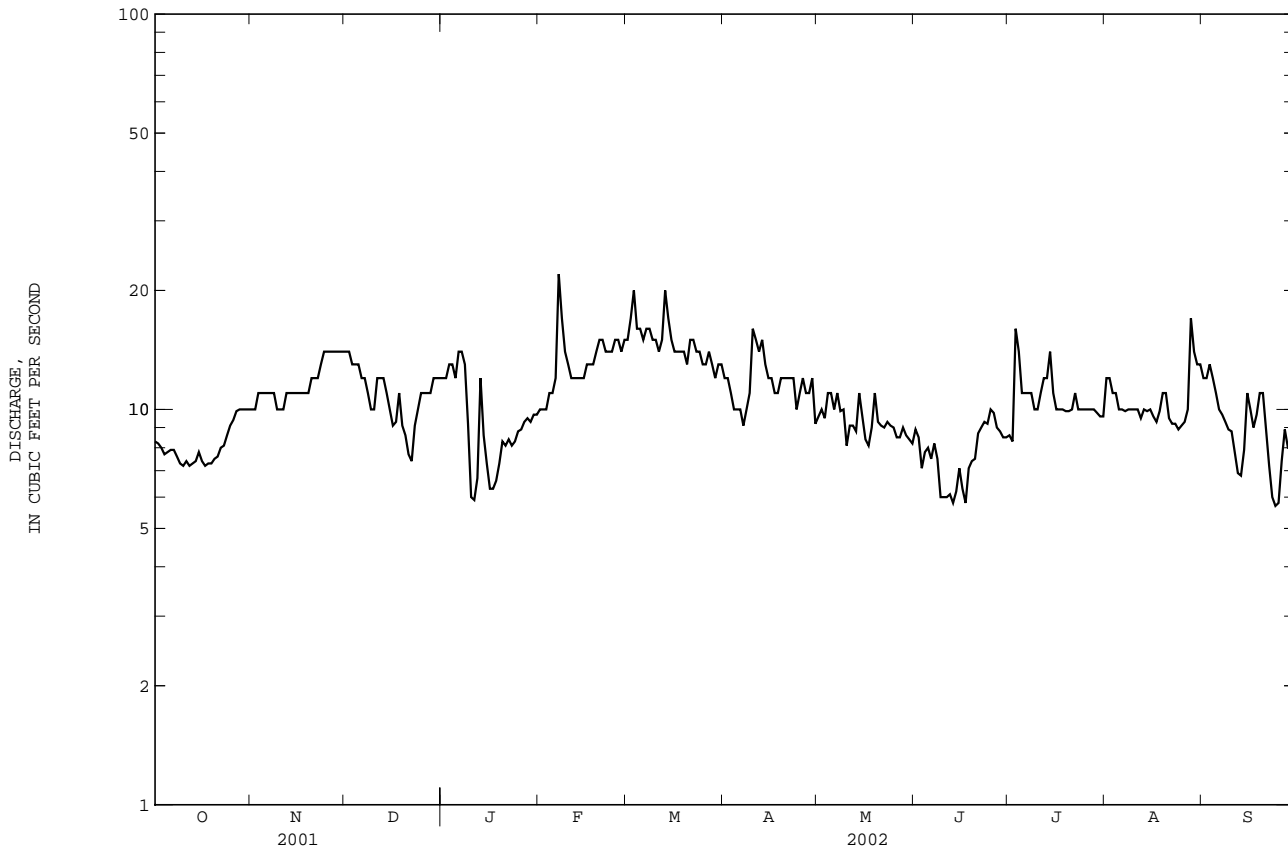




02197344 FOUR MILE CREEK AT ROAD A-12.2 AT SAVANNAH RIVER SITE, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1977 - 2002	
ANNUAL TOTAL	4788.5		3871.4		82.8	
ANNUAL MEAN	13.1		10.6		370	
HIGHEST ANNUAL MEAN					10.6	
LOWEST ANNUAL MEAN					1200	
HIGHEST DAILY MEAN	e 39	May 29	22	Feb 7	Aug 2	1991
LOWEST DAILY MEAN	7.2	Oct 10	5.7	Sep 24	5.7	Sep 24 2002
ANNUAL SEVEN-DAY MINIMUM	7.3	Oct 8	6.2	Jun 9	6.2	Jun 9 2002
MAXIMUM PEAK FLOW			24	Feb 7	Unknown	Aug 2 1991
MAXIMUM PEAK STAGE			3.05	Feb 7	6.72	Aug 2 1991
ANNUAL RUNOFF (CFSM)	0.60		0.48		3.76	
ANNUAL RUNOFF (INCHES)	8.10		6.55		51.14	
10 PERCENT EXCEEDS	17		14		386	
50 PERCENT EXCEEDS	12		10		28	
90 PERCENT EXCEEDS	9.4		7.4		13	

e Estimated



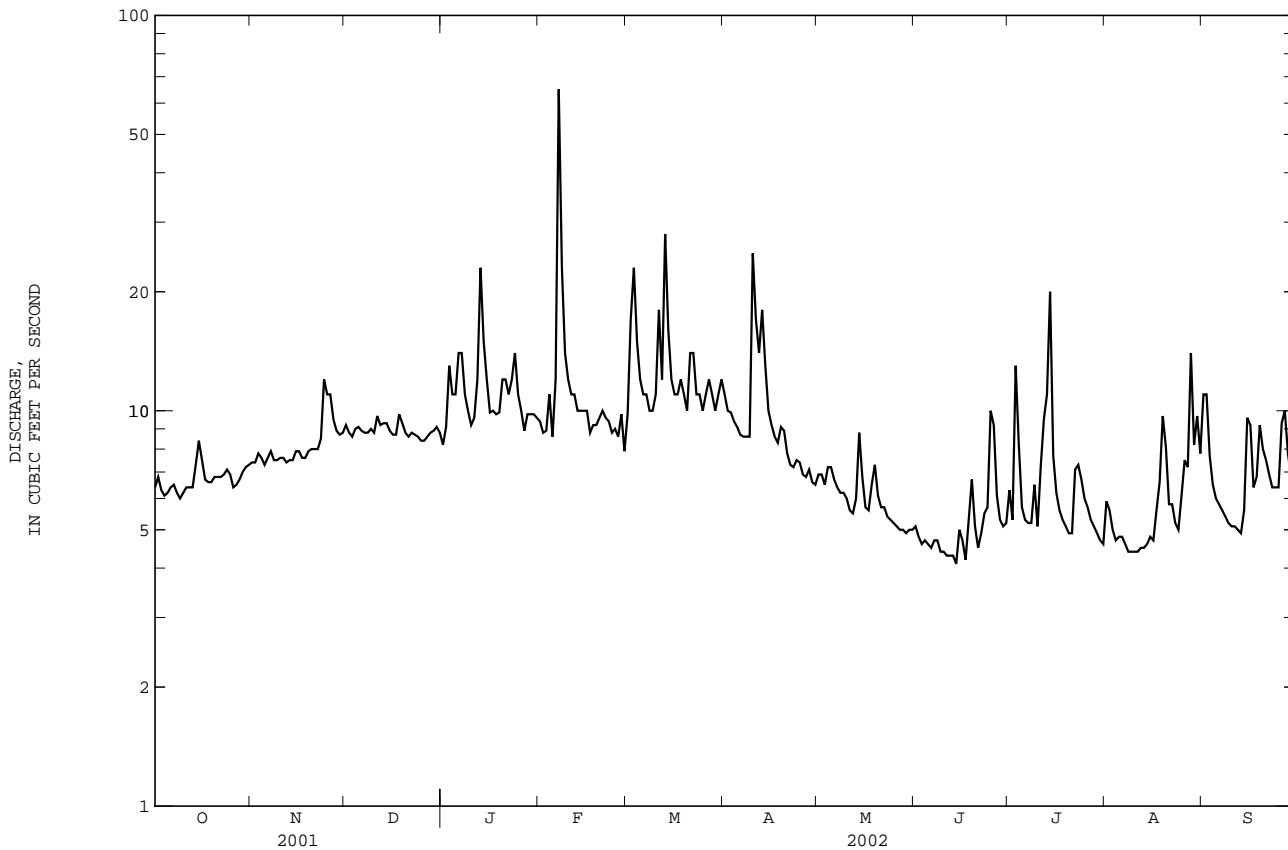


02197348 PEN BRANCH AT ROAD A-13.2 AT SAVANNAH RIVER SITE, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR			FOR 2002 WATER YEAR			WATER YEARS 1977 - 2002	
ANNUAL TOTAL	4639.6			3076.8			147	
ANNUAL MEAN	12.7			8.43			383	
HIGHEST ANNUAL MEAN							8.43	
LOWEST ANNUAL MEAN							1984	
HIGHEST DAILY MEAN	150	Mar	4	65	Feb	7	760	Aug 2 1991
LOWEST DAILY MEAN	6.0	Oct	9	4.1	Jun	14	2.5	Sep 22 1997
ANNUAL SEVEN-DAY MINIMUM	6.2	Oct	4	4.4	Jun	8	3.0	Sep 17 1997
MAXIMUM PEAK FLOW				82 a Feb 7			Unknown Aug 2 1991	
MAXIMUM PEAK STAGE				2.08 a Feb 7			6.08 Aug 2 1991	
ANNUAL RUNOFF (CFSM)	0.60			0.40			6.95	
ANNUAL RUNOFF (INCHES)	8.14			5.40			94.48	
10 PERCENT EXCEEDS	19			12			412	
50 PERCENT EXCEEDS	9.1			7.7			54	
90 PERCENT EXCEEDS	6.7			4.9			9.8	

a Also occurred Mar. 11.

e Estimated

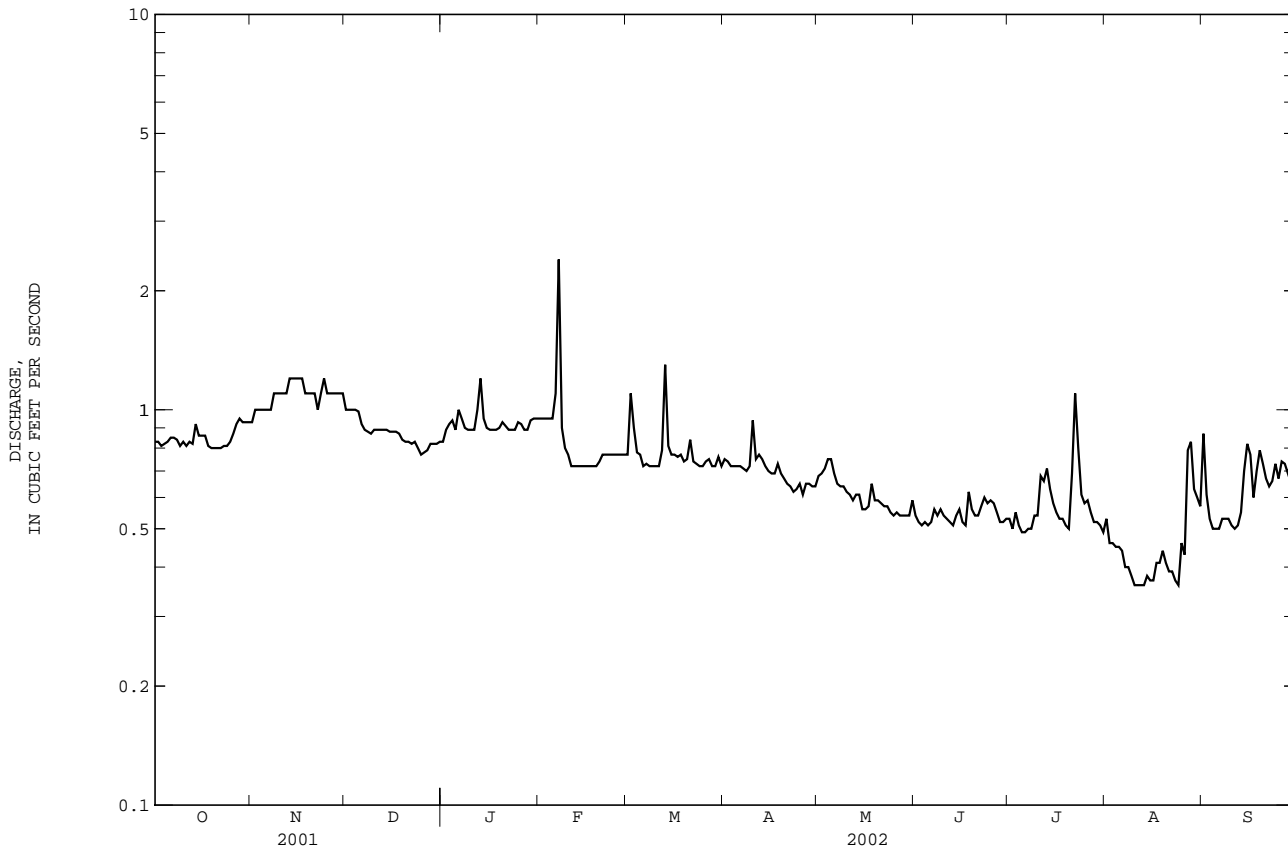




021973515 STEEL CREEK ABOVE ROAD B AT SAVANNAH RIVER SITE, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR	FOR 2002 WATER YEAR	WATER YEARS 1986 - 2002	
ANNUAL TOTAL	1360.24	270.48		
ANNUAL MEAN	3.73	0.74	6.50	
HIGHEST ANNUAL MEAN			30.0	1991
LOWEST ANNUAL MEAN			0.74	2002
HIGHEST DAILY MEAN	33 a Jan 15	2.4 Feb 7	220 Aug 2	1991
LOWEST DAILY MEAN	0.77 Jan 1	0.36 b Aug 10	0.36 b Aug 10	2002
ANNUAL SEVEN-DAY MINIMUM	0.80 Dec 24	0.37 Aug 10	0.37 Aug 10	2002
MAXIMUM PEAK FLOW		8.1 Feb 7	0.00 Aug 2	1991
MAXIMUM PEAK STAGE		0.86 Feb 7	5.57 Aug 2	1991
10 PERCENT EXCEEDS	2.9	1.0	11	
50 PERCENT EXCEEDS	1.0	0.73	1.7	
90 PERCENT EXCEEDS	0.83	0.51	0.90	

a Also occurred Jan. 16, 17.  
 b Also occurred Aug. 11-13, 24.





## SAVANNAH RIVER BASIN

021973525 L-007 OUTFALL AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°12'26'', long 81°37'27'', Barnwell County, Hydrologic Unit 03060106, 200 ft south of L-Area, 625 ft north of SRS Road B, 0.6 mi west of intersection of SRS Road B and C, at Savannah River Site.

PERIOD OF RECORD.--October 1985 to September 2002 (discontinued).

GAGE.--Data collection platform. Datum of gage is 195.42 ft above NGVD of 1929 (provided by Savannah River Site).

REMARKS.--Records good except for estimated daily discharges, which are poor. Flow completely regulated by Savannah River Site operations.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.5	13	14	13	13	13	12	15	14	15	8.2	8.9
2	9.5	13	14	14	13	15	12	15	14	18	8.1	8.2
3	9.6	13	14	14	13	14	12	15	14	22	8.1	8.3
4	9.6	13	14	13	13	9.7	12	15	14	22	8.1	8.4
5	9.6	13	14	13	13	41	12	15	14	22	8.1	8.4
6	10	13	e14	14	15	61	12	15	14	22	8.2	8.4
7	11	13	e14	13	14	41	12	15	14	22	8.2	8.2
8	10	13	14	13	13	8.7	12	15	14	22	8.2	8.2
9	11	13	14	13	13	8.8	12	15	14	22	8.2	8.2
10	13	13	14	13	13	8.6	13	15	14	22	8.2	8.2
11	13	13	14	13	13	8.6	13	15	15	22	8.2	8.3
12	13	13	14	14	13	12	15	15	15	22	8.2	8.2
13	13	13	14	13	13	12	15	16	15	23	8.2	8.2
14	13	13	14	13	13	12	15	15	15	21	8.2	9.0
15	13	13	14	13	13	12	15	15	14	21	8.2	8.7
16	13	13	14	13	13	12	15	15	14	21	8.2	8.2
17	13	13	14	13	13	12	15	15	14	22	8.3	8.3
18	12	13	14	13	13	12	15	15	15	22	8.6	8.5
19	13	13	14	14	13	12	15	14	14	21	8.3	8.9
20	13	13	14	13	13	12	15	14	14	21	8.2	9.6
21	13	13	14	13	13	12	15	14	14	22	8.1	9.1
22	13	13	13	13	13	12	15	14	14	22	8.2	9.1
23	13	14	14	13	13	12	15	14	14	21	8.2	9.3
24	13	13	14	13	13	12	15	14	14	21	8.1	9.1
25	13	13	14	13	13	12	15	14	15	21	8.6	9.2
26	13	13	13	13	13	12	15	14	14	12	8.2	9.5
27	13	13	13	13	13	12	15	14	14	8.1	8.8	10
28	13	13	13	13	13	12	15	14	14	8.1	8.1	9.9
29	13	14	14	13	---	12	15	14	15	8.1	8.1	9.9
30	13	14	13	13	---	12	15	14	15	8.1	8.2	9.9
31	13	---	13	13	---	12	---	14	---	8.1	8.2	---
TOTAL	374.8	393	428	408	367	469.4	419	453	428	584.5	255.0	264.3
MEAN	12.1	13.1	13.8	13.2	13.1	15.1	14.0	14.6	14.3	18.9	8.23	8.81
MAX	13	14	14	14	15	61	15	16	15	23	8.8	10
MIN	9.5	13	13	13	13	8.6	12	14	14	8.1	8.1	8.2

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1986 - 2002, BY WATER YEAR (WY)

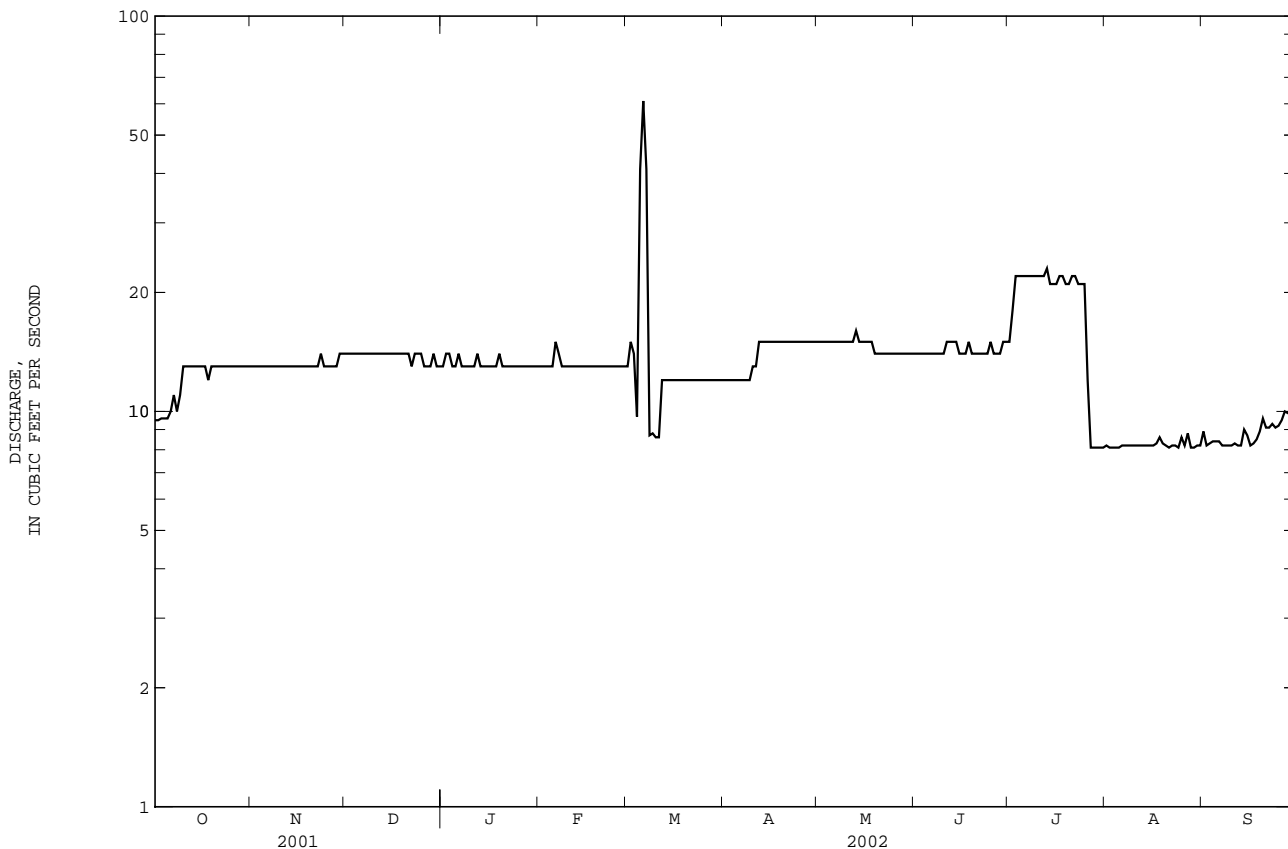
	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
MEAN	60.0	76.5	90.2	94.7	97.4	110	121	116	113	70.5	58.0	61.5					
MAX	106	283	369	328	364	334	371	362	362	156	162	150					
(WY)	1989	1988	1987	1986	1987	1987	1986	1988	1987	1991	1989	1989					
MIN	9.58	10.5	10.0	9.96	10.1	10.0	9.26	9.23	9.41	9.25	8.23	8.81					
(WY)	1999	1998	1999	1999	1999	2001	2001	2001	2001	2001	2002	2002					

021973525 L-007 OUTFALL AT SAVANNAH RIVER SITE, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1986 - 2002	
ANNUAL TOTAL	4239.8		4844.0		81.9	
ANNUAL MEAN	11.6		13.3		254	
HIGHEST ANNUAL MEAN					1988	
LOWEST ANNUAL MEAN					10.1	
HIGHEST DAILY MEAN	75	Jan 1	61	Mar 6	470	Oct 17 1985
LOWEST DAILY MEAN	8.6	May 14	8.1 a	Jul 27	1.4	Jan 2 1993
ANNUAL SEVEN-DAY MINIMUM	9.0	May 9	8.1	Jul 27	8.1	Jul 27 2002
MAXIMUM PEAK FLOW			70		Jun 5	536
MAXIMUM PEAK STAGE			4.97		Mar 5	20.87
10 PERCENT EXCEEDS	14		15		167	
50 PERCENT EXCEEDS	9.6		13		51	
90 PERCENT EXCEEDS	9.1		8.2		10	

a Also occurred Jul. 28-31, and several days in August.

e Estimated



## SAVANNAH RIVER BASIN

021973565 STEEL CREEK AT ROAD A AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°08'44"', long 81°37'44"', Barnwell County, Hydrologic Unit 03060106, on right downstream side of bridge on SRS Road A, 160 ft downstream from Meyers Branch, at Savannah River Site.

PERIOD OF RECORD.--March 1985 to September 2002 (discontinued).

GAGE.--Data collection platform. Elevation of gage is 110 ft above NGVD of 1929 (from topographic map). From Sep. 17, 1993 to May 21, 1997, at datum 1.0 ft lower.

REMARKS.--No estimated daily discharges. Records good. Flow regulated by Savannah River Site operations.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.0	10	13	11	11	11	12	20	9.0	8.8	9.3	23
2	7.1	11	13	11	10	21	12	16	8.8	8.5	9.1	20
3	8.6	13	13	14	10	27	12	16	8.8	12	8.5	16
4	26	12	13	14	9.9	17	12	17	8.8	9.1	8.4	15
5	33	12	13	15	9.9	14	12	17	8.8	8.7	8.5	14
6	29	12	12	17	14	14	11	17	8.8	8.6	8.5	14
7	29	12	12	16	53	13	11	16	8.8	8.4	8.2	14
8	29	12	12	13	22	13	11	12	8.7	8.3	8.1	13
9	17	13	12	12	16	13	11	11	8.6	8.3	8.1	13
10	8.1	13	12	12	14	14	23	11	8.6	8.2	8.1	13
11	8.3	13	12	11	14	13	16	11	11	8.1	8.2	13
12	8.5	13	12	13	13	16	16	11	11	8.2	8.2	13
13	8.6	13	12	25	13	35	17	13	9.2	10	8.2	13
14	9.2	13	12	15	13	17	14	19	9.1	11	8.3	16
15	10	13	12	13	12	15	13	13	9.0	8.9	8.5	20
16	9.2	13	11	12	12	14	12	12	8.8	8.4	8.6	19
17	8.9	13	11	11	12	14	12	11	8.8	8.3	11	16
18	9.2	13	12	11	12	13	12	14	10	8.5	12	17
19	9.3	14	11	11	12	13	11	14	12	9.0	13	16
20	9.3	13	11	14	12	13	11	12	9.6	8.8	12	11
21	9.2	13	11	12	13	16	11	12	9.4	9.0	10	9.8
22	9.6	13	11	12	12	15	11	12	9.4	10	9.6	9.0
23	9.8	14	11	11	12	13	19	11	10	12	9.4	9.5
24	9.8	19	11	11	12	13	29	11	11	11	9.2	11
25	9.7	17	11	12	11	12	30	11	13	11	12	12
26	9.6	16	11	11	11	12	30	11	15	10	12	13
27	10	15	11	11	11	13	30	11	11	9.8	9.1	14
28	10	14	11	11	11	12	30	9.8	9.4	9.2	9.5	13
29	11	14	11	11	---	12	30	9.0	9.0	8.7	12	12
30	11	14	11	11	---	14	27	9.0	8.8	8.6	17	11
31	9.6	---	11	11	---	13	---	9.0	---	8.5	17	---
TOTAL	393.6	400	362	395	387.8	465	508	398.8	292.2	285.9	309.6	423.3
MEAN	12.7	13.3	11.7	12.7	13.8	15.0	16.9	12.9	9.74	9.22	9.99	14.1
MAX	33	19	13	25	53	35	30	20	15	12	17	23
MIN	7.0	10	11	11	9.9	11	11	9.0	8.6	8.1	8.1	9.0

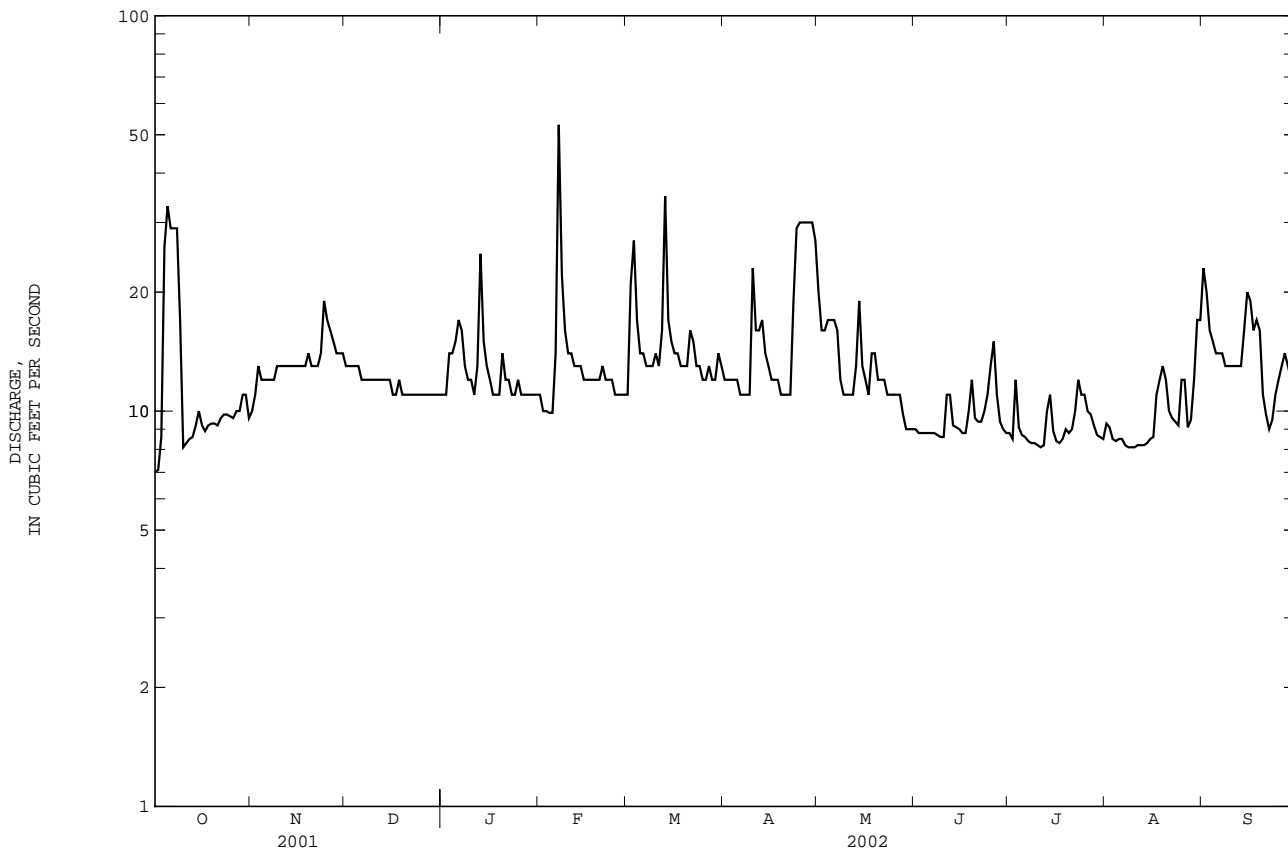
## STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1985 - 2002, BY WATER YEAR (WY)

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
MEAN	63.9	105	119	123	123	142	144	120	127	84.2	63.1	63.1						
MAX	158	314	427	368	402	381	428	417	376	261	175	133						
(WY)	1991	1986	1987	1988	1988	1988	1988	1988	1987	1991	1989	1989						
MIN	12.7	13.3	11.7	12.7	13.8	15.0	16.9	12.8	9.74	9.22	9.99	9.87						
(WY)	2002	2002	2002	2002	2002	2002	2002	2000	2002	2002	2002	2001						

021973565 STEEL CREEK AT ROAD A AT SAVANNAH RIVER SITE, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1985 - 2002	
ANNUAL TOTAL	8799.3		4621.2		109	
ANNUAL MEAN	24.1		12.7		287	
HIGHEST ANNUAL MEAN					12.7	
LOWEST ANNUAL MEAN					2002	
HIGHEST DAILY MEAN	114	Jan 9	53	Feb 7	530	Mar 9 1998
LOWEST DAILY MEAN	6.9	Sep 17	7.0	Oct 1	6.9	Sep 17 2001
ANNUAL SEVEN-DAY MINIMUM	7.7	Sep 14	8.2	Aug 7	7.7	Sep 14 2001
MAXIMUM PEAK FLOW			68 Feb 7		602 a Mar 9 1998	
MAXIMUM PEAK STAGE			1.98 Feb 7		4.32 a Mar 9 1998	
10 PERCENT EXCEEDS	46		17		343	
50 PERCENT EXCEEDS	15		12		74	
90 PERCENT EXCEEDS	9.6		8.7		15	

a Also occurred Aug. 2, 1991, at datum then in use.



## SAVANNAH RIVER BASIN

02197380 LOWER THREE RUNS BELOW PAR POND AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°14'07'', long 81°31'00'', Barnwell County, Hydrologic Unit 03060106, on left bank, 200 ft downstream of SRS Rd B, at Savannah River Site.

DRAINAGE AREA.--36.7 mi<sup>2</sup>.

PERIOD OF RECORD.--May 1974 to September 1982, February 1987 to September 2002 (discontinued).

GAGE.--Data collection platform. Elevation of gage is 145 ft above NGVD of 1929 (from topographic map).

REMARKS.--No estimated daily discharges. Records poor. Flow regulated by Savannah River Site operations.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11	10	11	7.8	12	8.1	9.6	14	11	6.4	11	11
2	11	10	11	14	12	8.2	9.6	18	11	6.5	11	11
3	11	11	11	11	12	8.1	9.6	22	11	6.9	11	11
4	11	11	11	9.8	12	8.0	9.7	22	11	7.2	11	11
5	11	11	11	9.8	11	7.9	9.8	22	11	7.9	11	11
6	11	11	11	9.8	10	7.9	9.8	13	11	9.0	11	11
7	11	11	11	9.8	11	7.9	9.8	9.0	11	9.1	11	11
8	11	11	11	12	9.9	7.9	9.8	9.8	11	9.3	11	11
9	11	11	11	13	9.8	7.9	9.8	12	11	9.5	11	11
10	11	11	11	13	9.8	7.9	9.9	13	12	9.6	11	11
11	11	11	11	13	9.8	7.9	9.8	13	12	9.8	11	12
12	11	11	11	13	9.8	7.9	9.8	13	12	9.9	11	12
13	11	11	10	11	9.8	7.9	9.9	13	12	9.9	11	12
14	11	11	10	10	9.8	7.9	9.8	13	12	10	11	12
15	11	11	10	10	9.8	7.9	9.8	13	12	10	11	12
16	11	11	10	10	9.8	7.8	9.8	11	12	10	11	12
17	12	11	10	10	9.7	7.8	9.8	11	12	10	12	12
18	12	11	10	10	9.6	13	8.8	11	12	10	12	12
19	12	11	10	10	9.6	18	6.9	11	12	11	11	12
20	12	11	10	9.4	9.7	12	6.9	11	12	11	11	12
21	12	11	9.9	22	9.8	12	6.9	11	12	11	11	12
22	12	11	9.8	24	9.7	12	30	11	12	11	11	12
23	11	11	9.8	13	9.6	12	17	11	12	11	11	12
24	11	11	9.7	13	9.6	12	32	11	13	11	11	9.7
25	11	12	9.6	13	12	12	25	11	13	11	12	6.8
26	11	12	9.6	13	15	12	20	11	13	11	12	5.9
27	11	11	9.5	13	16	12	20	11	12	11	13	6.0
28	11	11	9.5	13	13	12	20	11	8.6	11	11	5.9
29	11	11	9.4	13	---	12	20	11	6.5	11	11	5.9
30	11	11	8.3	13	---	11	20	11	6.5	11	11	5.9
31	10	---	7.8	13	---	9.6	---	11	---	11	11	---
TOTAL	346	330	314.9	379.4	301.6	306.5	399.6	395.8	339.6	304.0	347	312.1
MEAN	11.2	11.0	10.2	12.2	10.8	9.89	13.3	12.8	11.3	9.81	11.2	10.4
MAX	12	12	11	24	16	18	32	22	13	11	13	12
MIN	10	10	7.8	7.8	9.6	7.8	6.9	9.0	6.5	6.4	11	5.9
CFSM	0.32	0.32	0.29	0.35	0.31	0.28	0.38	0.37	0.32	0.28	0.32	0.30
IN.	0.37	0.35	0.34	0.40	0.32	0.33	0.43	0.42	0.36	0.32	0.37	0.33

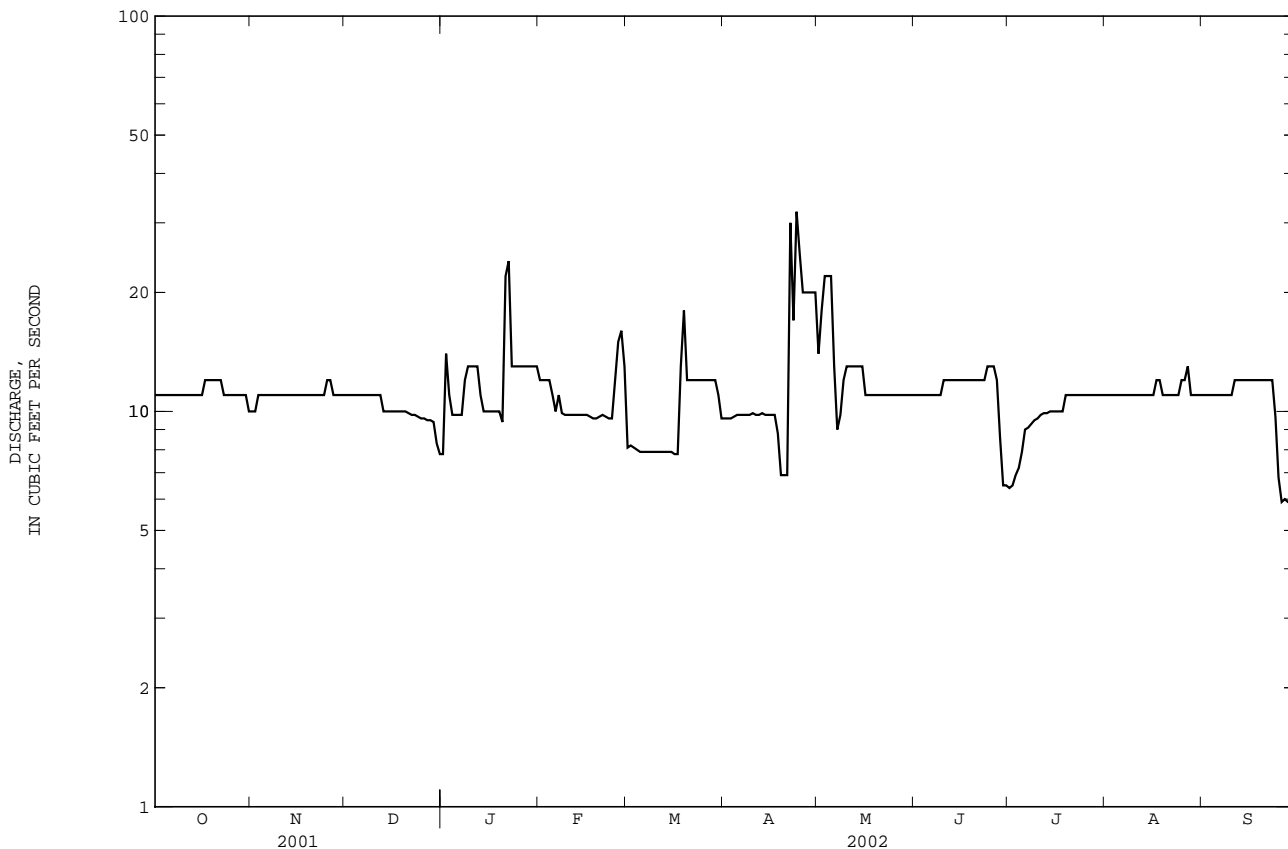
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1974 - 2002, BY WATER YEAR (WY)

	MEAN	25.0	26.2	30.6	41.5	45.2	48.4	34.8	30.7	29.0	27.0	32.0	28.3
MAX	83.7	69.0	59.5	95.7	128	170	84.5	69.6	62.0	62.6	135	109	
(WY)	1991	1993	1990	1993	1998	1998	1998	1991	1992	1989	1991	1991	1991
MIN	1.59	2.54	5.81	9.79	7.30	9.41	11.7	1.05	10.8	7.55	2.32	3.41	
(WY)	1989	1982	1975	1995	1995	1995	2001	1987	1987	1977	1999	1982	

02197380 LOWER THREE RUNS BELOW PAR POND AT SAVANNAH RIVER SITE, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1974 - 2002	
ANNUAL TOTAL	4191.6		4076.5		33.4	
ANNUAL MEAN	11.5		11.2		65.2	
HIGHEST ANNUAL MEAN					11.2	
LOWEST ANNUAL MEAN					11.2	
HIGHEST DAILY MEAN	24	Apr 17	32	Apr 24	515	Mar 5 1998
LOWEST DAILY MEAN	7.8	Dec 31	5.9	a Sep 26	0.60	Nov 29 1981
ANNUAL SEVEN-DAY MINIMUM	8.1	Aug 22	6.6	Sep 24	0.91	Apr 27 1987
MAXIMUM PEAK FLOW			71	Apr 24	603	Mar 5 1998
MAXIMUM PEAK STAGE			3.06	Apr 24	6.43	Mar 5 1998
ANNUAL RUNOFF (CFSM)	0.33		0.32		0.96	
ANNUAL RUNOFF (INCHES)	4.47		4.35		13.00	
10 PERCENT EXCEEDS	13		13		64	
50 PERCENT EXCEEDS	11		11		27	
90 PERCENT EXCEEDS	9.6		8.5		8.8	

a Also occurred Sep. 28-30.

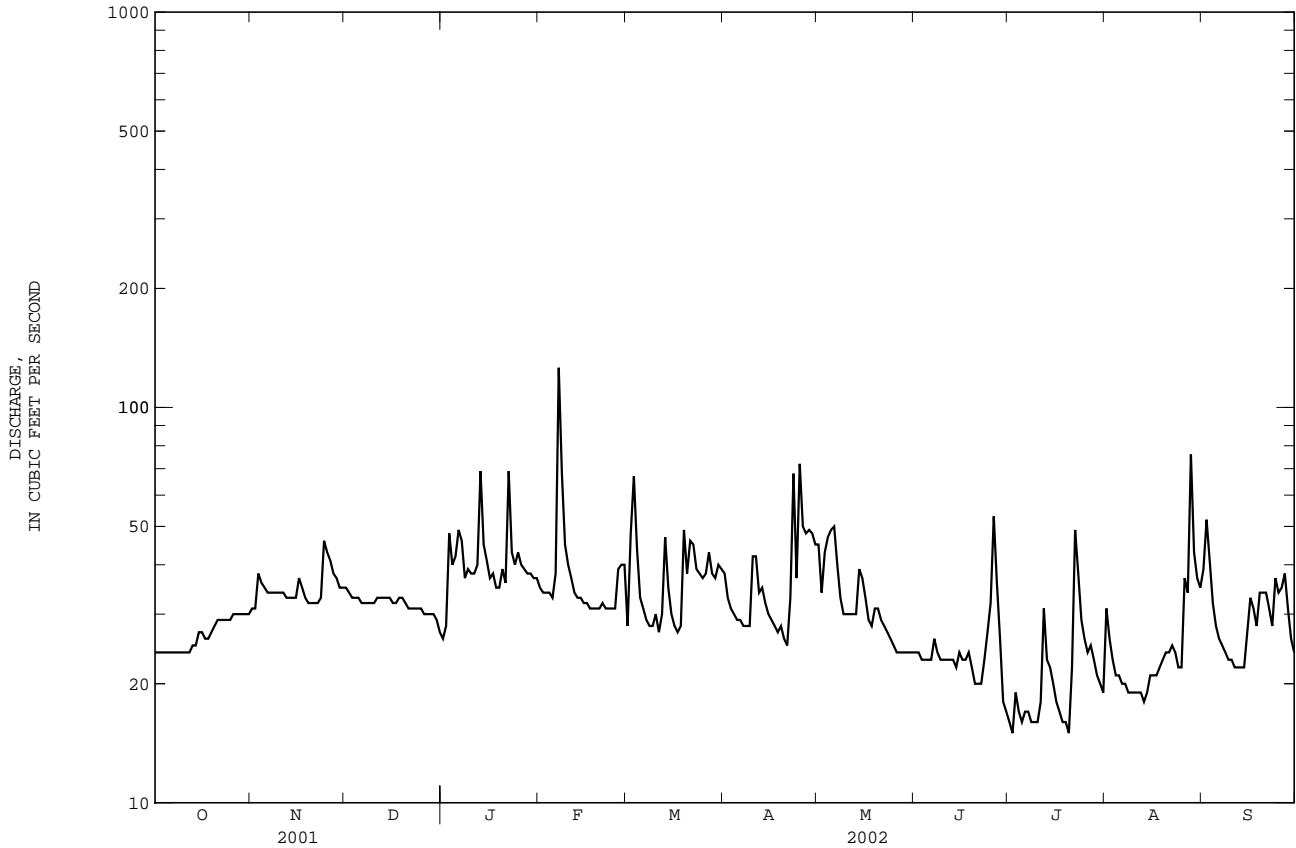




02197400 LOWER THREE RUNS NEAR SNELLING, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1974 - 2002	
ANNUAL TOTAL	13112		11563		78.9	
ANNUAL MEAN	35.9		31.7		145	
HIGHEST ANNUAL MEAN					31.7	
LOWEST ANNUAL MEAN					1991	
HIGHEST DAILY MEAN	169	Mar 4	126	Feb 7	743	Oct 23 1990
LOWEST DAILY MEAN	17	Aug 10	15	a Jul 2	13	Jul 19 1986
ANNUAL SEVEN-DAY MINIMUM	20	Aug 7	16	Jul 4	15	Aug 31 1999
MAXIMUM PEAK FLOW			147	Feb 7	1130	Sep 23 2000
MAXIMUM PEAK STAGE			2.44	Feb 7	4.85	Sep 23 2000
ANNUAL RUNOFF (CFSM)	0.61		0.53		1.33	
ANNUAL RUNOFF (INCHES)	8.23		7.25		18.08	
10 PERCENT EXCEEDS	49		43		147	
50 PERCENT EXCEEDS	33		31		66	
90 PERCENT EXCEEDS	24		21		27	

a Also occurred Jul. 20.





## SAVANNAH RIVER BASIN

02197415 LOWER THREE RUNS NEAR MARTIN, SC

LOCATION.--Lat 33°04'24'', long 81°28' 37'', Allendale County, Hydrologic Unit 03060106, on right bank 50 ft upstream side of State road 125, 1.3 mi downstream of Davis Branch, 1.4 mi upstream of Mill Creek.

DRAINAGE AREA.--110 mi<sup>2</sup>.

PERIOD OF RECORD.--December 1997 to September 2002 (discontinued).

GAGE.--Data collection platform. Elevation of gage is 90 ft (revised) above NGVD of 1929 (from topographic map).

REMARKS.--Records good except for daily discharges May 8 to June 28, which are poor. Flow regulated by Savannah River Site Operations.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	46	56	67	57	67	64	90	58	40	41	30	55
2	45	62	64	58	64	78	79	56	39	38	36	66
3	44	71	63	76	62	134	71	55	38	92	31	58
4	44	67	63	87	62	132	68	64	51	75	29	48
5	43	62	63	88	62	90	65	69	47	50	29	43
6	46	61	64	89	66	77	62	69	43	44	28	40
7	50	60	63	97	153	76	60	59	45	45	27	37
8	47	62	62	82	198	70	60	50	45	44	26	35
9	45	62	63	72	165	68	59	47	41	40	25	34
10	45	62	62	70	93	76	65	48	39	38	25	34
11	46	62	68	71	81	72	83	47	37	36	25	32
12	46	62	68	70	77	70	73	47	37	63	25	32
13	47	62	67	111	83	110	68	46	36	67	25	33
14	48	62	69	117	74	104	67	63	36	53	26	34
15	50	63	68	90	68	82	61	62	39	47	31	44
16	49	64	63	79	66	74	58	52	37	42	32	53
17	47	65	61	72	65	70	57	47	36	39	31	49
18	48	63	67	70	63	68	56	51	37	36	35	47
19	49	63	66	68	62	69	57	67	39	35	44	58
20	50	64	62	75	63	78	56	57	37	33	78	57
21	51	63	61	82	67	80	51	51	37	33	61	53
22	51	63	61	80	65	92	48	49	38	80	44	48
23	51	64	60	90	63	78	60	47	44	99	38	43
24	52	81	60	75	61	72	62	45	50	60	34	45
25	51	86	59	76	61	70	63	44	65	46	32	49
26	51	80	58	78	62	72	72	42	69	40	42	54
27	51	76	58	71	66	89	61	41	70	39	46	73
28	52	70	58	69	67	84	64	40	55	35	55	65
29	53	69	59	70	---	73	61	40	47	33	73	52
30	54	66	59	68	---	80	57	40	43	31	58	46
31	55	---	57	67	---	100	---	40	---	29	54	---
TOTAL	1507	1973	1943	2425	2206	2552	1914	1593	1317	1483	1175	1417
MEAN	48.6	65.8	62.7	78.2	78.8	82.3	63.8	51.4	43.9	47.8	37.9	47.2
MAX	55	86	69	117	198	134	90	69	70	99	78	73
MIN	43	56	57	57	61	64	48	40	36	29	25	32

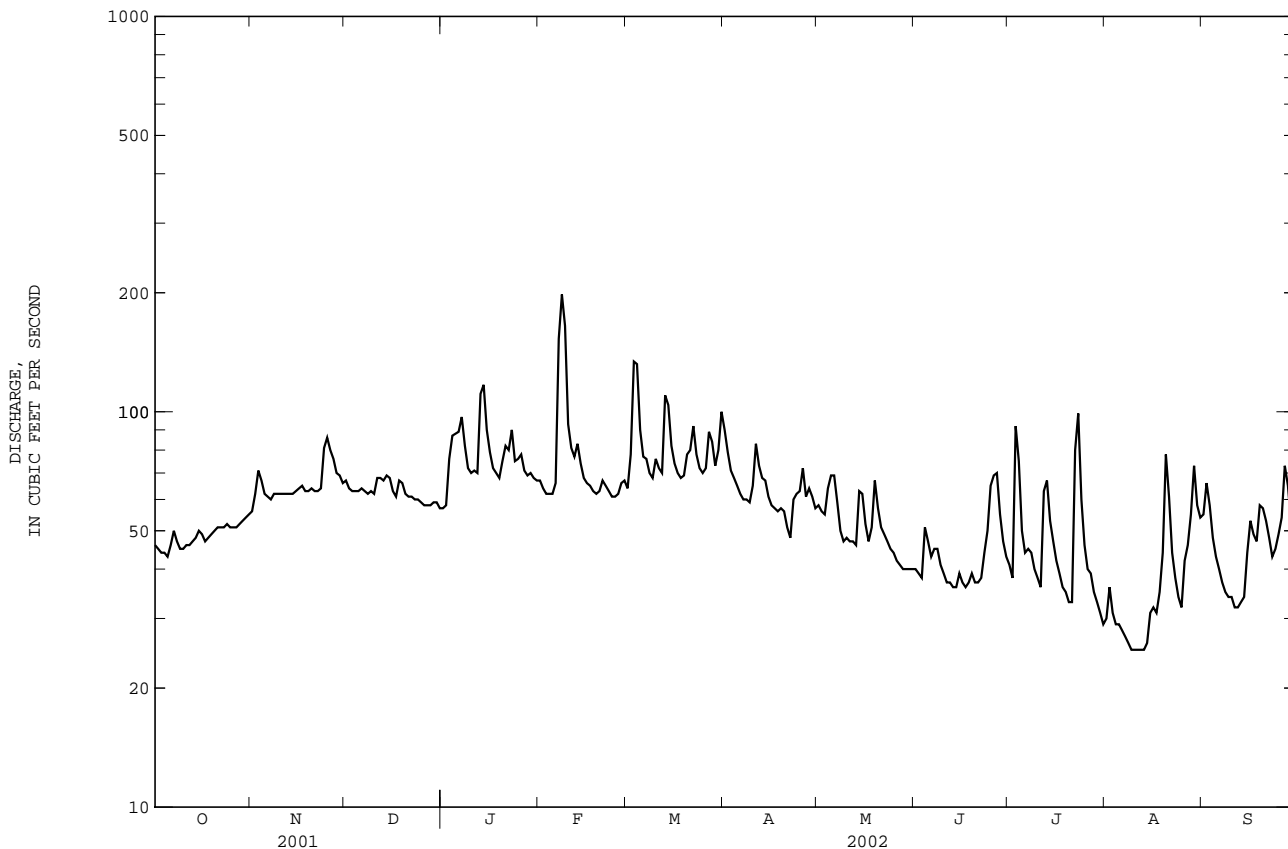
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2002, BY WATER YEAR (WY)

	1998	1999	2000	2001	2002	2000	2001	2000	2000	2000	2002	2002
MEAN	68.1	82.8	92.9	164	178	198	145	87.2	77.7	82.4	57.7	82.1
MAX	92.6	99.4	118	367	453	523	406	195	127	147	92.7	134
(WY)	1999	1999	1999	1998	1998	1998	1998	1998	1998	1999	1998	1998
MIN	44.9	65.8	62.7	78.2	78.8	82.3	63.8	47.5	42.5	45.9	37.9	47.2
(WY)	2001	2002	2002	2002	2002	2002	2002	2000	2000	2000	2002	2002

02197415 LOWER THREE RUNS NEAR MARTIN, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1998 - 2002	
ANNUAL TOTAL	28232		21505		82.2	
ANNUAL MEAN	77.3		58.9		110	
HIGHEST ANNUAL MEAN					58.9	
LOWEST ANNUAL MEAN					110	
HIGHEST DAILY MEAN	356	Mar 5	198	Feb 8	2180	Mar 9 1998
LOWEST DAILY MEAN	43	Aug 29	25	a Aug 9	25	a Aug 9 2002
ANNUAL SEVEN-DAY MINIMUM	45	Sep 30	25	Aug 8	25	Aug 8 2002
MAXIMUM PEAK FLOW			209	b Feb 8	2530	Mar 9 1998
MAXIMUM PEAK STAGE			4.71	b Feb 8	8.77	Mar 9 1998
10 PERCENT EXCEEDS	110		80		130	
50 PERCENT EXCEEDS	64		60		70	
90 PERCENT EXCEEDS	49		36		43	

a Also occurred Aug. 10-13.  
 b Also occurred Feb. 9.



## 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 mi<sup>2</sup>, approximately.

PERIOD OF RECORD.--October 1939 to September 1970, October 1982 to current year.

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 ft<sup>3</sup>/s, from rating curve extended above 141,000 ft<sup>3</sup>/s.

## DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4740	5000	4970	5270	5340	5720	5980	4790	4680	4600	4610	4800
2	4790	4960	4990	5330	5250	5960	7600	4820	4980	4590	4680	4620
3	4850	4960	4990	5360	5240	6250	8450	4870	5390	4620	4650	4600
4	4860	4940	5140	5540	5140	6320	7320	4840	5100	4680	4580	4750
5	4890	4890	5270	5690	5210	6630	6870	4820	4860	4760	4560	4940
6	4840	4900	5190	5540	5530	7810	5900	5090	4750	4970	4550	4620
7	4760	4920	5040	5470	6450	6600	5990	5460	4730	4890	4560	4270
8	4730	4840	5140	5580	7600	5640	5800	4990	4790	4890	4680	4140
9	4790	4890	5090	5820	8780	5330	5900	4770	4700	4720	4740	4110
10	5130	4950	4940	5740	7820	5220	5860	4710	4540	4600	4820	4110
11	5360	4950	5030	5680	6760	5160	5600	4620	4450	4660	4850	4100
12	5060	4890	5770	5590	6630	5100	5550	4550	4460	4830	4700	4000
13	4860	4890	5610	5380	6010	5400	5560	4490	4480	4920	4610	3930
14	4800	4910	5280	5450	5570	5670	5650	4650	4510	4880	4620	3920
15	4830	4990	5080	5440	5460	5640	5720	5060	4550	4850	4660	4150
16	4880	4990	4960	5450	5500	5580	5860	4900	4560	4960	4500	4860
17	5040	4880	4920	5750	5470	5420	5540	4680	4570	4890	4410	4910
18	5240	4880	4980	5790	5430	5540	5390	4670	4580	4840	4490	4810
19	5280	4840	5370	5600	5390	5570	5660	4810	4610	4820	4770	4870
20	5190	4830	5290	5400	5600	5390	5440	5070	4810	4730	5150	5170
21	5020	5030	5090	5270	5580	5210	5110	5370	4890	4660	5320	6060
22	4930	5030	5080	5290	5510	5490	5110	5170	4770	4590	4810	5430
23	4900	4900	5220	5480	5630	5800	5300	4950	4640	4730	4650	4900
24	4940	4980	5070	5520	5590	5710	5330	5050	4620	4840	4540	4740
25	4980	5230	5020	5490	5460	5670	5050	5100	4690	4740	4630	4610
26	4930	5190	5220	5370	5410	5280	4900	5180	4710	4660	4900	4260
27	4820	5230	5480	5360	5480	5190	4910	4980	4700	4660	4900	4170
28	4790	5300	5750	5390	5520	5170	4950	4770	4670	4670	4780	4200
29	4830	5250	5630	5680	---	5420	4900	4710	4620	4670	4930	4530
30	4920	5070	5440	5730	---	5740	4820	4700	4600	4580	4940	4610
31	5020	---	5270	5570	---	5670	---	4660	---	4620	4680	---
TOTAL	153000	149510	161320	171020	164360	176300	172020	151300	141010	147120	146270	137190
MEAN	4935	4984	5204	5517	5870	5687	5734	4881	4700	4746	4718	4573
MAX	5360	5300	5770	5820	8780	7810	8450	5460	5390	4970	5320	6060
MIN	4730	4830	4920	5270	5140	5100	4820	4490	4450	4580	4410	3920
CFSM	0.57	0.58	0.60	0.64	0.68	0.66	0.66	0.56	0.54	0.55	0.55	0.53
IN.	0.66	0.64	0.69	0.74	0.71	0.76	0.74	0.65	0.61	0.63	0.63	0.59

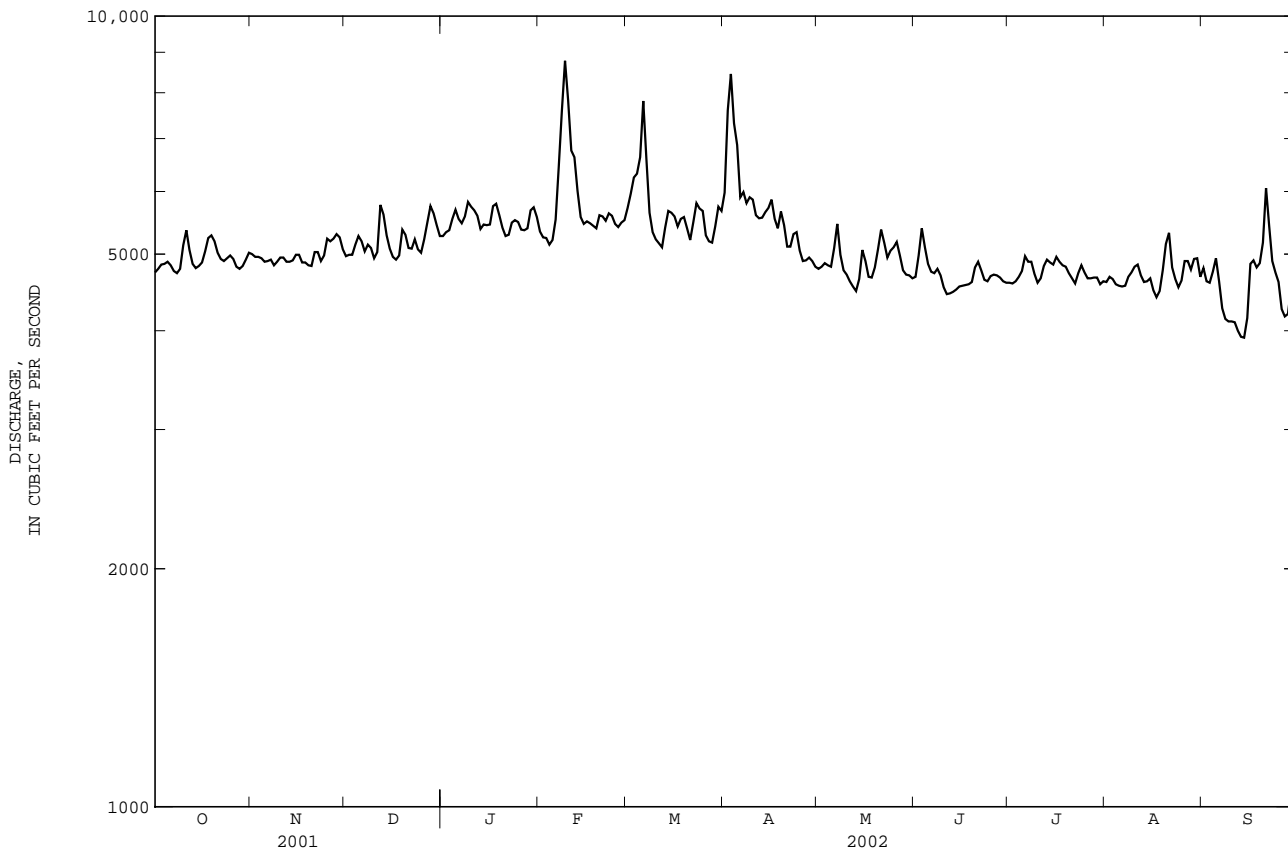
## STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 2002, BY WATER YEAR (WY)

MEAN	7436	7638	9745	12270	13740	16140	14160	10320	7929	7940	8248	7554
MAX	20150	22070	32410	35290	33880	33880	46240	29980	15960	19400	28040	20010
(WY)	1965	1948	1949	1993	1998	1944	1964	1964	1967	1941	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

02197500 SAVANNAH RIVER AT BURTONS FERRY BRIDGE NEAR MILLHAVEN, GA--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1940 - 2002	
ANNUAL TOTAL	2106890		1870420		10240	
ANNUAL MEAN	5772		5124		18320	
HIGHEST ANNUAL MEAN					5124	
LOWEST ANNUAL MEAN					138000	
HIGHEST DAILY MEAN	13000	a Mar 7	8780	Feb 9	138000	Aug 18 1940
LOWEST DAILY MEAN	4730	Oct 8	3920	Sep 14	2120	Sep 9 1951
ANNUAL SEVEN-DAY MINIMUM	4820	Oct 2	4040	Sep 8	2490	Sep 9 1951
MAXIMUM PEAK FLOW			8950		141000	
MAXIMUM PEAK STAGE			7.25		27.00	
ANNUAL RUNOFF (CFSM)	0.67		0.59		1.18	
ANNUAL RUNOFF (INCHES)	9.06		8.04		16.09	
10 PERCENT EXCEEDS	6930		5710		19400	
50 PERCENT EXCEEDS	5420		4980		7570	
90 PERCENT EXCEEDS	4940		4600		4960	

a Also occurred Mar. 18.





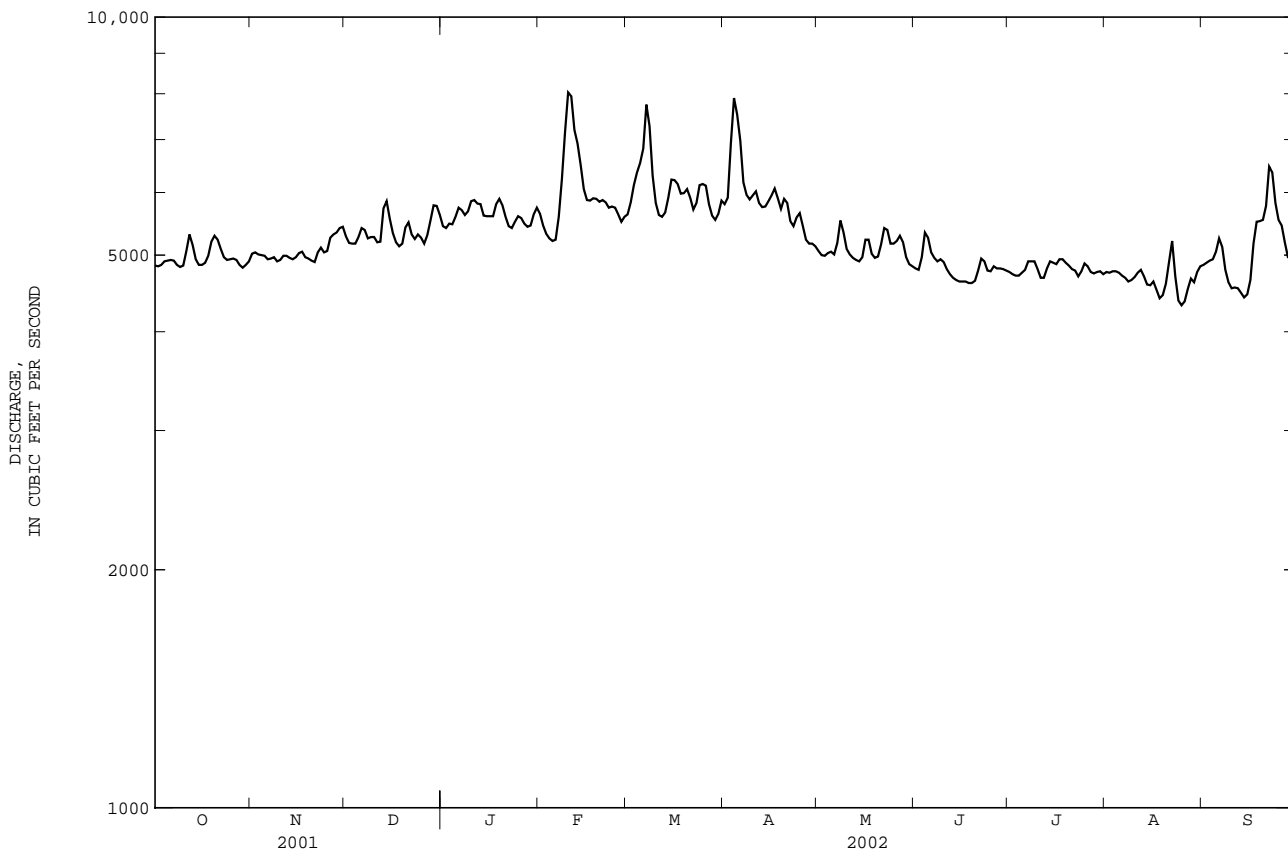
02198500 SAVANNAH RIVER NEAR CLYO, GA--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1930 - 2002	
ANNUAL TOTAL	2294130		1930370		11710	
ANNUAL MEAN	6285		5289		20900	
HIGHEST ANNUAL MEAN					1964	
LOWEST ANNUAL MEAN					5289	
HIGHEST DAILY MEAN	14100	Mar 20	8030	Feb 10	e 203000	a Oct 2 1929
LOWEST DAILY MEAN	4820	Oct 29	4320	Aug 25	1950	Sep 27 1931
ANNUAL SEVEN-DAY MINIMUM	4890	Sep 30	4510	Aug 23	2470	Sep 23 1931
MAXIMUM PEAK FLOW			8260	Feb 10	b 270000	Oct 6 1929
MAXIMUM PEAK STAGE			5.77	Feb 10	b 29.70	Oct 6 1929
ANNUAL RUNOFF (CFSM)	0.64		0.54		1.19	
ANNUAL RUNOFF (INCHES)	8.66		7.29		16.16	
10 PERCENT EXCEEDS	8600		5930		21600	
50 PERCENT EXCEEDS	5630		5170		8740	
90 PERCENT EXCEEDS	4950		4700		5570	

a Also occurred Oct. 3-10, which are estimates.

b Present datum (from information by U.S. Army Corps of Engineers) and from rating curve extended above 120,000 ft 3/s.

e Estimated



## SAVANNAH RIVER BASIN

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 mi<sup>2</sup>, 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, 6.49 ft, Feb. 10, Apr. 5; minimum gage height, 1.97 ft, Aug. 18.

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	5.61	2.85	4.38	5.64	2.78	4.29	5.78	3.06	4.42	5.78	3.09	4.40
2	5.65	2.83	4.37	5.59	2.84	4.27	5.78	2.94	4.36	6.00	3.04	4.55
3	5.62	2.94	4.45	5.57	2.80	4.21	5.91	2.85	4.42	5.99	3.23	4.59
4	5.56	2.88	4.35	5.55	2.69	4.15	5.90	2.90	4.44	5.58	2.95	4.18
5	5.52	2.77	4.20	5.75	2.76	4.34	5.90	2.96	4.47	5.62	3.08	4.37
6	5.38	2.68	4.05	5.75	2.85	4.36	5.78	2.97	4.38	5.62	3.03	4.24
7	5.45	2.59	4.06	5.54	2.59	4.07	5.67	3.01	4.32	4.96	2.94	3.91
8	5.60	2.63	4.19	5.54	2.58	4.04	5.67	2.99	4.39	4.96	2.97	3.90
9	5.67	2.74	4.33	5.47	2.40	3.95	5.53	2.99	4.35	5.27	2.95	3.99
10	5.65	2.62	4.23	5.61	2.68	4.22	5.97	3.09	4.80	5.13	2.95	3.97
11	5.72	2.66	4.28	5.62	2.83	4.32	5.87	3.15	4.53	5.40	3.15	4.12
12	5.80	2.98	4.47	5.97	2.85	4.61	5.83	2.88	4.46	5.62	3.15	4.30
13	5.98	3.10	4.64	6.13	3.27	4.89	6.05	3.08	4.70	5.34	3.34	4.26
14	5.94	3.16	4.74	6.08	3.14	4.75	6.10	3.58	4.83	5.51	3.15	4.27
15	6.03	2.95	4.57	6.15	3.02	4.76	5.81	3.36	4.54	5.21	3.06	4.08
16	6.06	3.15	4.81	6.09	3.09	4.73	5.88	3.20	4.54	5.23	2.99	4.05
17	6.05	3.01	4.70	5.86	3.00	4.51	5.72	3.04	4.39	5.11	3.02	4.00
18	6.04	2.99	4.71	5.69	2.86	4.31	5.28	2.69	3.84	4.90	3.09	3.89
19	6.10	3.21	4.80	5.55	2.73	4.14	5.27	2.72	3.94	5.22	3.24	4.13
20	5.85	3.17	4.60	5.31	2.62	3.92	4.97	2.59	3.64	4.90	3.08	3.85
21	5.77	3.00	4.42	5.45	2.63	3.98	5.00	3.03	3.95	4.92	2.94	3.93
22	5.56	2.93	4.30	5.24	2.74	4.00	5.17	2.98	4.00	4.86	2.89	3.81
23	5.41	2.84	4.19	5.07	2.77	3.90	5.05	2.92	3.98	5.06	2.88	3.85
24	5.25	2.73	4.06	4.99	2.74	3.82	4.85	2.76	3.65	5.23	2.75	3.88
25	4.82	2.53	3.71	5.07	2.58	3.80	5.04	2.70	3.90	5.27	2.85	3.97
26	4.31	2.40	3.37	5.16	2.60	3.89	5.38	2.74	3.84	5.73	2.98	4.36
27	4.99	2.37	3.67	5.30	2.77	4.05	5.28	2.45	3.83	5.86	3.05	4.40
28	5.17	2.60	3.98	5.50	2.84	4.19	5.53	2.76	4.19	5.81	2.93	4.32
29	5.35	2.65	4.08	5.65	2.96	4.34	5.84	3.15	4.51	5.75	2.97	4.31
30	5.40	2.61	4.10	5.80	3.13	4.46	5.86	3.32	4.58	5.84	3.04	4.42
31	5.49	2.67	4.17	---	---	---	5.93	3.35	4.60	5.95	3.31	4.60
MONTH	6.10	2.37	4.29	6.15	2.40	4.24	6.10	2.45	4.28	6.00	2.75	4.16





**DISCHARGE AT PARTIAL-RECORD STATIONS  
AND MISCELLANEOUS SITES**

LAKES AND RESERVOIRS IN SOUTH CAROLINA

PEE DEE RIVER BASIN

02130908 LAKE ROBINSON.--Lat 35°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 mi<sup>2</sup>. 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 mi<sup>2</sup>, 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 ft<sup>3</sup> between gage heights 95.0 ft and 100.0 ft. Dead storage 4,022,000,000 ft<sup>3</sup>. 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 mi<sup>2</sup>, 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 ft<sup>3</sup> between gage heights 95.0 ft and 100.0 ft. Dead storage 963,100,000 ft<sup>3</sup>. 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 mi<sup>2</sup>, 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 ft<sup>3</sup> between gage heights 95.0 ft and 100.0 ft. Dead storage 4,831,600,000 ft<sup>3</sup>. 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 2001 TO SEPTEMBER 2002

Date	Lake Robinson			Lake Wylie			Fishing Creek Reservoir			Wateree Reservoir		
	Elevation (feet)	Contents (million cubic feet)	Change in Contents (equivalent in ft <sup>3</sup> /s)	Elevation (feet)	Contents (million cubic feet)	Change in Contents (equivalent in ft <sup>3</sup> /s)	Elevation (feet)	Contents (million cubic feet)	Change in Contents (equivalent in ft <sup>3</sup> /s)	Elevation (feet)	Contents (million cubic feet)	Change in Contents (equivalent in ft <sup>3</sup> /s)
Sept. 30, 2001	220.4	1290		95.8	8247		97.3	1254		96.2	5466	
Oct. 31, 2001	220.3	1280	-3.73	95.0	7868	-141.5	96.1	1099	-57.9	95.2	4936	-197.9
Nov. 30, 2001	220.5	1300	+7.72	94.6	7682	-71.8	97.0	1214	+44.4	94.5	4574	-139.7
Dec. 31, 2001	220.4	1290	-3.73	95.3	8009	+122.1	97.4	1267	+19.8	96.7	5738	+434.6
Cal. Yr. 2001			-0.63			-4.50			+7.32			+23.8
Jan. 31, 2002	220.9	1339	+18.3	98.2	9438	+533.5	97.4	1267	0	98.4	6690	+355.4
Feb. 28, 2002	220.5	1300	-16.1	98.1	9386	-21.5	97.4	1267	0	98.2	6575	-42.5
Mar. 31, 2002	220.7	1320	+7.47	98.3	9489	+38.5	97.5	1280	+4.85	97.9	6404	-63.8
Apr. 30, 2002	220.4	1290	-11.6	97.3	8981	-196.0	97.3	1254	-10.0	96.8	5792	-236.1
May 31, 2002	220.2	1271	-7.09	96.4	8536	-166.1	97.2	1240	-5.23	97.2	6012	+82.1
June 30, 2002	220.0	1251	-7.72	96.0	8343	-74.5	96.7	1175	-25.1	95.8	5252	-293.2
July 31, 2002	220.0	1251	0	95.8	8247	-35.8	96.5	1149	-9.71	96.0	5359	+39.9
Aug. 31, 2002	220.6	1310	+22.0	94.3	7544	-262.5	97.2	1240	+34.0	95.3	4988	-138.5
Sept. 30, 2002	220.3	1280	-11.6	94.8	7775	+89.1	96.7	1175	-25.1	96.4	5574	+226.1
Wtr. Yr. 2002			-0.32			-15.0			-2.51			+3.42

DISCHARGE AT PARTIAL-RECORD STATIONS  
AND MISCELLANEOUS SITES

643

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 2002-02 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 <sup>3</sup> /s)	Date	Gage height (ft)	Discharge (ft <sup>3</sup> /s)
Pee Dee River Basin								
Midway Swash at Myrtle Beach, SC(02110740)	Lat 33°39'44", long 78°55'25", Horry County, on Hwy 17 at Myrtle Beach AFB, 1.0 mi from Atlantic Ocean. Drainage area is 0.80 mi <sup>2</sup> .	1987-02	A	B	(+)	09-15-99	8.74	(+)
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 <sup>2</sup> .	1975-02	A	B	(+)	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 <sup>2</sup> .	1986-02	08/31/02	4.47	97.3	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 <sup>2</sup> .	1968-02	12/01/01	4.61	198	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 <sup>2</sup> .	1984-02	04/19/02	6.58	(+)	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 <sup>2</sup> .	1991-92 ♦ 1995-02	09/01/02	7.84	1,460	02/17/98	17.17	(+)
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 <sup>2</sup> .	1942-71 ♦ 1971-02	04/02/02	8.79	971	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 <sup>2</sup> .	1976-02	04/06/02	5.26	78	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 <sup>2</sup> .	1939-71 ♦ 1972-02	A	B	(+)	09-20-45	14.64	9,810

DISCHARGE AT PARTIAL-RECORD STATIONS  
AND MISCELLANEOUS SITES

Station name and number	Location and drainage area	Period of record	Water year maximum			Period of record maximum			
			Date	Gage height (ft)	Discharge (ft <sup>3</sup> /s)	Date	Gage height (ft)	Discharge (ft <sup>3</sup> /s)	
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 <sup>2</sup> .	1991-02	A	B	(+)	07-24-97	6.30	81.6	
Turkey Creek at Sumter, SC (02135518)	Lat 33°55'13", long 80°19'43", Sumter County, 0.7 mi east of City Hall, 4.0 mi above mouth at Pocatigo River, on Hwy 76 crossing of Turkey Creek. Drainage area is 2.20 mi <sup>2</sup> .	1985-02	11/25/01	6.20	178	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 <sup>2</sup> .	1974-02	08/31/02	5.55	115	08-24-92	7.16	(+)	
Santee River Basin									
Crowders Creek near Clover, SC (02145642)	Lat 35°08'14", long 81°08'09", York County, on road 1104, 1.7 mi downstream from mouth of Rocky Branch and 5.6 mi northeast of Clover. Drainage area is 89.0 mi <sup>2</sup> .	1991-92 ♦ 1993-02	01/23/02	5.40	832	08-27-95	16.69	7,900	
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 <sup>2</sup> .	1990-02	A	B	(+)	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 <sup>2</sup> .	1991-92 ♦ 1994-02	01/23/02	7.70	385	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 <sup>2</sup> .	1990-02	A	B	(+)	07/24/97	16.22	1,400	
Wildcat Creek below Rockhill, SC (021473428)	Lat 34°53'22", long 81°04'11", York County, on state secondary road 998, 2.5 mi southwest of Rockhill. Drainage area is 29.7 mi <sup>2</sup> .	1999-00 ♦ 2000-02	09/16/02	5.00	316	09-04-00	9.79	917	
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 <sup>2</sup> .	1991-02	A	B	(+)	07-24-97	13.68	1,390	
Swift Creek near Camden, SC (02148090)	Lat 34°11'49", long 80°28'58", Kershaw County, on County Road 786, 7.9 mi southeast of Camden. Drainage area is 4.90 mi <sup>2</sup> .	1991-02	A	B	(+)	10-24-90	6.94	93.2	
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 <sup>2</sup> .	1991-02	01/23/02	8.43	298	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 <sup>2</sup> .	1991-02	A	B	(+)	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 <sup>2</sup> .	1991-02	01/25/02	7.26	522	10-13-90	16.37	9,510	

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 <sup>3</sup> /s)	Date	Gage height (ft)	Discharge (ft <sup>3</sup> /s)
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 <sup>2</sup> .	1990-02	A	B	(+)	06-15-92	14.36	766
Middle Tyger River at Lyman, SC (02157500)	Lat 34°56'35", long 82°08'00", Spartanburg County, on left bank 200 ft upstream from bridge on State Highway 292 at Lyman. Drainage area is 68.3 mi <sup>2</sup> .	1938-67 ♦ 1975-02	A	B	(+)	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 <sup>2</sup> .	1987-02	09/15/02	1.58	61.9	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 <sup>2</sup> .	1940-71 ♦ 1973-02	09/17/02	6.88	5,660	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 <sup>2</sup> .	1985-02	09/15/02	10.13	1,070	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 <sup>2</sup> .	1977-02	A	B	(+)	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 <sup>2</sup> .	1983-02	06/30/02	6.27	887	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 <sup>2</sup> .	1974-02	A	B	(+)	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 <sup>2</sup> .	1985-02	05/04/02	6.70	169	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 <sup>2</sup> .	1985-02	05/11/02	6.88	157	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 <sup>2</sup> .	1974-02	07/25/02	8.13	191	07/25/02	8.13	191
Rocky Branch at Columbia, SC (02169505)	Lat 33°59'41", long 81°01'26", Richland County on Pickens Street, 0.7 mi southeast of the State Capital, 2.0 mi upstream of the mouth of the Congaree River. Drainage area is 2.41 mi <sup>2</sup> .	1984-02	07/02/02	6.37	973	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 <sup>3</sup> /s)	Date	Gage height (ft)	Discharge (ft <sup>3</sup> /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 <sup>2</sup> .	1985-02	05/11/02	6.88	591	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 <sup>2</sup> .	1975-02	09/26/02	4.39	101	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 <sup>2</sup> .	1991-02	A	B	(+)	07-25-97	10.26	(+)
Edisto River Basin								
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 <sup>2</sup> .	1989-02	A	B	(+)	06-30-00	12.50	252
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 <sup>2</sup> .	1986-02	06/27/02	5.05	162	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 <sup>2</sup> .	1985-02	06/27/02	5.64	918	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 <sup>2</sup> .	1946-96 ♦ 1997-02	04/06/02	4.00	1,430	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 <sup>2</sup> .	1991-02	A	B	(+)	07-28-00	4.77	(+)
Broad River Basin								
Tributary to Coosawhatchie River at Allendale, SC (02176380)	Lat 32°59'53", long 81°19'01", Allendale County, on State Road 129, crossing of a tributary to the Coosawhatchie River, 0.9 mi southwest of City Hall, 0.4 mi upstream of the mouth at Coosawhatchie. Drainage area is 2.06 mi <sup>2</sup> .	1985-02	A	B	(+)	10-09-92	9.18	287

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 <sup>3</sup> /s)	Date	Gage height (ft)	Discharge (ft <sup>3</sup> /s)
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 <sup>2</sup> .	1991-02	A	B	(+)	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 <sup>2</sup> .	1954-64 ♦ 1989-2001 ♦ 2001-02	03/31/02	4.60	919	01/08/98	13.46	6,730
Broadway Creek near Anderson, SC (02187900)	Lat 34°30'09", long 82°35'00", Anderson County, on State Highway 48, 0.1 mi downstream from Cupboard Creek and 3.8 mi east of Anderson. Drainage area is 26.4 mi <sup>2</sup> .	1975-02	01/25/02	5.69	544	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 <sup>2</sup> .	1989-2001 ♦ 2001-02	01/26/02	10.22	1,120	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 <sup>2</sup> .	1990-02	04/01/02	3.44	(+)	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 <sup>2</sup> .	1966-72 ♦ 1972-02	A	B	(+)	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 <sup>2</sup> .	1991-02	A	B	(+)	03/09/98	5.18	102

+ Discharge not determined.

♦ Operated as a continuous-record gaging station.

A Date unknown.

B Stage not determined.

\* Probably effected by backwater from debris.

DISCHARGE AT PARTIAL-RECORD STATIONS  
AND MISCELLANEOUS SITES

Annual maximum stage at crest-stage partial-record stations during water year 2002 in South Atlantic Slope basins.

Station name and number	Location and drainage area	Water year maximum	
		Date	Gage height (ft)
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.	8/24/02	*176.93
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.	8/24/02	*173.71
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.	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.	8/24/02	*165.54
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.	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.	A	B
Santee River near Alvin, SC (02171660)	Lat 33°24'20", long 79°53'20", Berkeley County, 6.8 mi south- east of St Stephens, 9.5 mi northeast of Bonneau. Drainage area is indeterminate.	A	B
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. Drainage area is indeterminate.	A	B

\* Gage height referenced to NAVD 1988

A Date unknown

B Stage not determined.

DISCHARGE AT PARTIAL-RECORD STATIONS  
AND MISCELLANEOUS SITES

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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 <sup>3</sup> /s)
Pee Dee River Basin					
Sparrow Swamp near Timmons-ville, 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 Timmons-ville. Drainage area is 99.1 mi <sup>2</sup> .	1965 - 1973	12-12-01	1.18	15.3
			2000 - 2002	02-07-02	1.32
			04-23-02	0.91	6.51
			08-16-02	Dry	0.00
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 south-east of Dillon, 3.9 mi upstream from Maple Swamp. Drainage area is 524.0 mi <sup>2</sup> .	1939 - 2002	04-24-02	5.40	133
			07-09-02	2.97	16.2
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 <sup>2</sup> (approximately).	1984 - 2002	10-02-01	84.86	1,450
			12-04-01	84.08	1,100
			01-31-02	85.42	1,700
			05-02-02	85.80	1,930
			08-05-02	84.82	1,380
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 <sup>2</sup> .	1989 - 2002	10-26-01	2.94	52.2
			11-29-01	2.85	44.6
			01-29-02	3.38	86.4
			03-22-02	3.46	97.4
			05-14-02	3.47	97.5
			07-16-02	2.41	19.8
			08-30-02	2.62	28.2
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 <sup>2</sup> .	1988 - 2002	10-26-01	1.51	9.90
			11-29-01	1.52	9.10
			01-29-02	1.79	21.6
			01-30-02	1.75	17.2
			03-22-02	1.94	25.2
			05-14-02	1.62	12.9
			07-16-02	1.43	6.41
			08-30-02	1.37	4.20
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 <sup>2</sup> (approximately).	1966 - 2002	11-30-01	26.64	644
			03-15-02	26.66	654
			06-20-02	26.80	594
			09-24-02	26.78	629
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 <sup>2</sup> (approximately).	1982 - 2002	10-16-01	52.05	487
			01-17-02	53.82	1,020
			04-08-02	53.66	966
			07-19-02	51.56	388
			08-14-02	50.90	246





## **GROUND WATER RECORDS**

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.

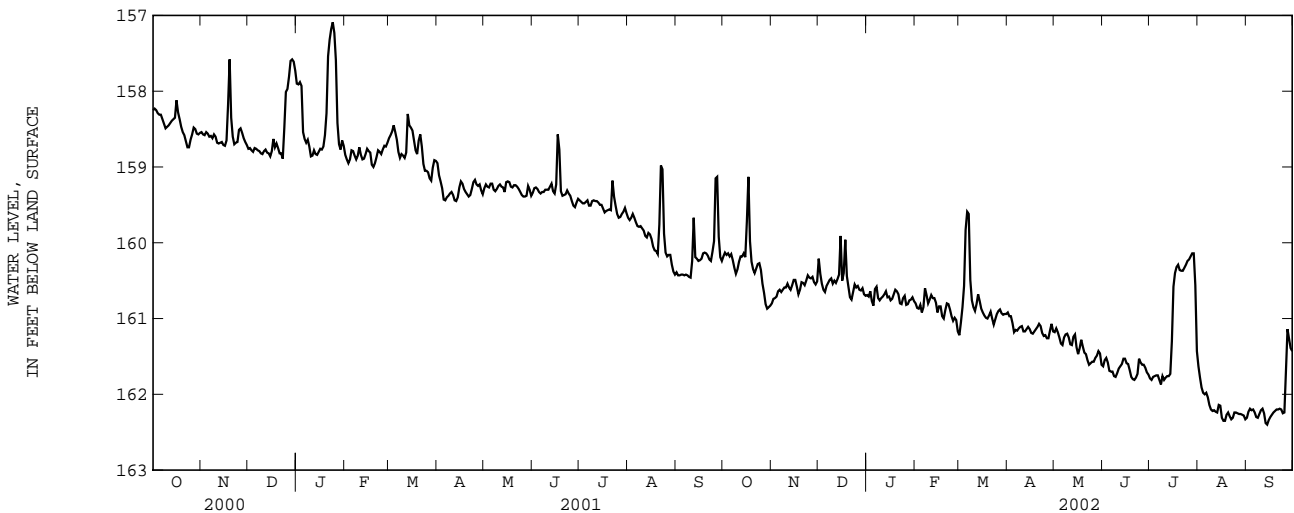
REMARKS.--Also known as SRP-4M. Electric log available in District files.

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, 162.40 ft below land-surface datum, Sep. 14, 2002.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	160.18	160.80	160.21	160.69	160.80	161.22	160.92	161.18	161.63	161.79	161.63	162.31
2	160.13	160.74	160.41	160.71	160.86	161.05	160.97	161.13	161.55	161.81	161.78	162.23
3	160.16	160.73	160.54	160.64	160.87	160.85	160.97	161.18	161.52	161.77	161.91	162.19
4	160.14	160.71	160.62	160.77	160.82	160.57	161.06	161.25	161.58	161.76	161.98	162.21
5	160.18	160.64	160.65	160.83	160.92	159.83	161.18	161.33	161.69	161.75	162.00	162.20
6	160.15	160.62	160.57	160.61	160.85	159.59	161.15	161.35	161.70	161.75	161.98	162.24
7	160.23	160.65	160.53	160.58	160.60	159.62	161.16	161.25	161.70	161.81	162.04	162.30
8	160.33	160.62	160.49	160.73	160.69	160.49	161.13	161.21	161.76	161.87	162.14	162.31
9	160.41	160.59	160.47	160.76	160.80	160.76	161.11	161.20	161.77	161.76	162.20	162.26
10	160.35	160.59	160.54	160.73	160.75	160.85	161.10	161.25	161.72	161.81	162.22	162.21
11	160.25	160.54	160.50	160.71	160.69	160.90	161.17	161.34	161.66	161.78	162.21	162.19
12	160.18	160.59	160.53	160.68	160.73	160.81	161.17	161.35	161.63	161.76	162.23	162.15
13	160.18	160.62	160.48	160.64	160.73	160.68	161.14	161.24	161.60	161.76	162.24	162.38
14	160.14	160.56	160.42	160.72	160.79	160.77	161.11	161.21	161.53	161.73	162.14	162.40
15	160.19	160.49	159.91	160.71	160.92	160.87	161.14	161.38	161.53	161.30	162.15	162.34
16	159.72	160.49	160.50	160.76	160.84	160.92	161.19	161.47	161.59	160.58	162.31	162.30
17	159.13	160.58	160.40	160.74	160.84	160.96	161.20	161.39	161.60	160.40	162.35	162.27
18	159.98	160.68	159.96	160.68	160.97	160.99	161.17	161.28	161.68	160.32	162.35	162.24
19	160.25	160.62	160.44	160.62	161.00	161.00	161.14	161.37	161.77	160.29	162.27	162.22
20	160.35	160.52	160.58	160.64	160.89	160.96	161.11	161.45	161.80	160.36	162.24	162.20
21	160.40	160.53	160.72	160.68	160.80	160.91	161.07	161.47	161.81	160.37	162.29	162.20
22	160.34	160.56	160.75	160.80	160.81	161.00	161.10	161.55	161.78	160.37	162.33	162.19
23	160.28	160.50	160.65	160.81	160.88	161.08	161.19	161.61	161.73	160.33	162.31	162.20
24	160.27	160.43	160.55	160.73	160.97	161.01	161.23	161.59	161.53	160.29	162.24	162.25
25	160.36	160.46	160.59	160.70	161.03	160.94	161.22	161.57	161.58	160.24	162.24	162.24
26	160.54	160.47	160.57	160.82	160.99	160.90	161.26	161.57	161.61	160.22	162.25	161.69
27	160.66	160.45	160.62	160.81	161.02	160.88	161.26	161.52	161.61	160.18	162.26	161.14
28	160.81	160.52	160.63	160.76	161.17	160.93	161.16	161.49	161.65	160.14	162.26	161.27
29	160.87	160.55	160.60	160.75	---	160.95	161.07	161.43	161.71	160.14	162.27	161.39
30	160.85	160.51	160.68	160.72	---	160.94	161.17	161.46	161.74	160.56	162.28	161.43
31	160.83	---	160.70	160.77	---	160.94	---	161.61	---	161.43	162.33	---
MEAN	160.29	160.58	160.51	160.72	160.86	160.78	161.13	161.38	161.66	161.05	162.18	162.11
MAX	160.87	160.80	160.75	160.83	161.17	161.22	161.26	161.61	161.81	161.87	162.35	162.40
MIN	159.13	160.43	159.91	160.58	160.60	159.59	160.92	161.13	161.52	160.14	161.63	161.14



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

AIKEN COUNTY--Continued

WELL NUMBER.--333233081290802. Local number, AK-846.

LOCATION.--Lat 33°32'32'', long 81°29'09'', 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.--Black Creek.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from surface to 223 ft, 4 in from 199 to 255 ft, depth 255 ft, cased to 255 ft, screened from 240 to 250 ft.

INSTRUMENTATION.--Data collection platform--60 minute collection interval.

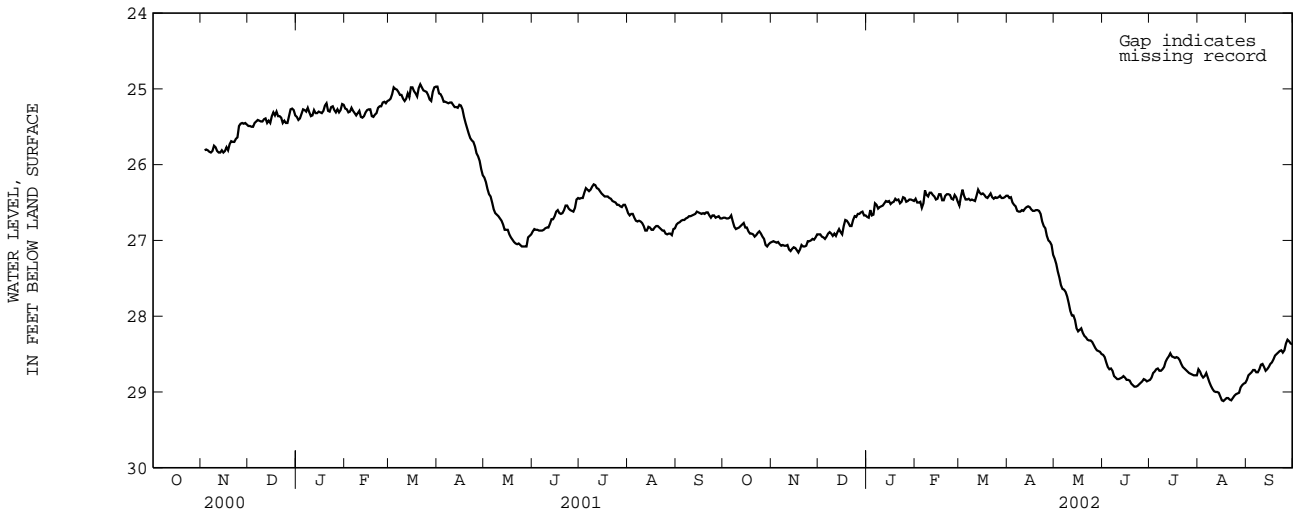
DATUM.--Land-surface datum is 297.8 ft above sea level. Measuring point: Opening in casing, 0.91 ft above land-surface datum.

PERIOD OF RECORD.--April 1993 to September 2002 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 20.79 ft below land-surface datum, Mar. 19, 1996; lowest, 29.12 ft below land-surface datum, Aug. 17, 2002.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	26.70	27.02	26.92	26.69	26.45	26.54	26.41	27.24	28.51	28.84	28.70	28.84
2	26.70	27.01	26.92	26.70	26.50	26.42	26.44	27.31	28.54	28.81	28.73	28.78
3	26.71	27.02	26.95	26.60	26.50	26.33	26.43	27.41	28.61	28.75	28.78	28.76
4	26.71	27.03	26.96	26.67	26.49	26.41	26.50	27.49	28.67	28.73	28.81	28.74
5	26.70	27.02	26.98	26.66	26.57	26.46	26.53	27.59	28.70	28.70	28.79	28.71
6	26.67	27.05	26.95	26.51	26.51	26.46	26.55	27.64	28.69	28.69	28.75	28.71
7	26.75	27.07	26.91	26.53	26.34	26.45	26.61	27.65	28.72	28.72	28.81	28.74
8	26.82	27.06	26.89	26.58	26.40	26.47	26.62	27.68	28.79	28.72	28.87	28.74
9	26.85	27.07	26.91	26.56	26.42	26.46	26.62	27.74	28.81	28.70	28.92	28.70
10	26.84	27.07	26.94	26.55	26.37	26.47	26.60	27.83	28.83	28.67	28.96	28.64
11	26.83	27.06	26.91	26.54	26.37	26.48	26.61	27.93	28.83	28.60	28.99	28.63
12	26.81	27.12	26.94	26.51	26.40	26.41	26.58	27.99	28.82	28.56	28.90	28.67
13	26.79	27.14	26.89	26.48	26.42	26.33	26.56	27.99	28.81	28.53	29.00	28.72
14	26.77	27.11	26.85	26.49	26.46	26.37	26.55	28.05	28.79	28.49	29.01	28.70
15	26.83	27.09	26.89	26.48	26.45	26.39	26.56	28.16	28.81	28.53	29.06	28.67
16	26.83	27.10	26.92	26.52	26.39	26.38	26.59	28.20	28.84	28.54	29.11	28.63
17	26.88	27.13	26.81	26.50	26.39	26.40	26.61	28.18	28.84	28.55	29.12	28.61
18	26.91	27.16	26.73	26.49	26.47	26.43	26.61	28.16	28.85	28.54	29.10	28.57
19	26.91	27.12	26.74	26.45	26.47	26.44	26.60	28.22	28.89	28.55	29.08	28.52
20	26.92	27.06	26.77	26.47	26.41	26.41	26.60	28.26	28.91	28.58	29.08	28.50
21	26.95	27.08	26.81	26.46	26.39	26.38	26.61	28.28	28.93	28.63	29.10	28.48
22	26.93	27.08	26.81	26.51	26.39	26.43	26.65	28.31	28.93	28.67	29.11	28.46
23	26.90	27.07	26.73	26.49	26.40	26.45	26.75	28.32	28.92	28.69	29.08	28.45
24	26.88	27.01	26.68	26.43	26.45	26.43	26.81	28.32	28.90	28.71	29.05	28.48
25	26.91	27.01	26.69	26.44	26.46	26.44	26.84	28.34	28.88	28.73	29.03	28.45
26	26.95	27.00	26.65	26.49	26.40	26.43	26.94	28.38	28.86	28.75	29.02	28.36
27	26.98	26.98	26.65	26.48	26.43	26.41	27.00	28.42	28.83	28.76	29.01	28.31
28	27.06	26.99	26.63	26.46	26.49	26.44	27.02	28.45	28.84	28.77	28.94	28.33
29	27.08	26.96	26.62	26.46	---	26.44	27.06	28.46	28.86	28.78	28.91	28.36
30	27.05	26.92	26.67	26.47	---	26.43	27.19	28.47	28.85	28.78	28.89	28.37
31	27.03	---	26.67	26.48	---	26.41	---	28.50	---	28.78	28.88	---
MEAN	26.86	27.05	26.82	26.52	26.44	26.43	26.67	28.03	28.80	28.67	28.96	28.59
MAX	27.08	27.16	26.98	26.70	26.57	26.54	27.19	28.50	28.93	28.84	29.12	28.84
MIN	26.67	26.92	26.62	26.43	26.34	26.33	26.41	27.24	28.51	28.49	28.70	28.31



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

AIKEN COUNTY--Continued

WELL NUMBER.--333234081290703. Local number, AK-847.

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.--Black Creek.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from surface to 168 ft, 4 in from 135 to 193 ft, depth 193 ft, cased to 193 ft, screened from 178 to 188 ft.

INSTRUMENTATION.--Data collection platform--60 minute collection interval.

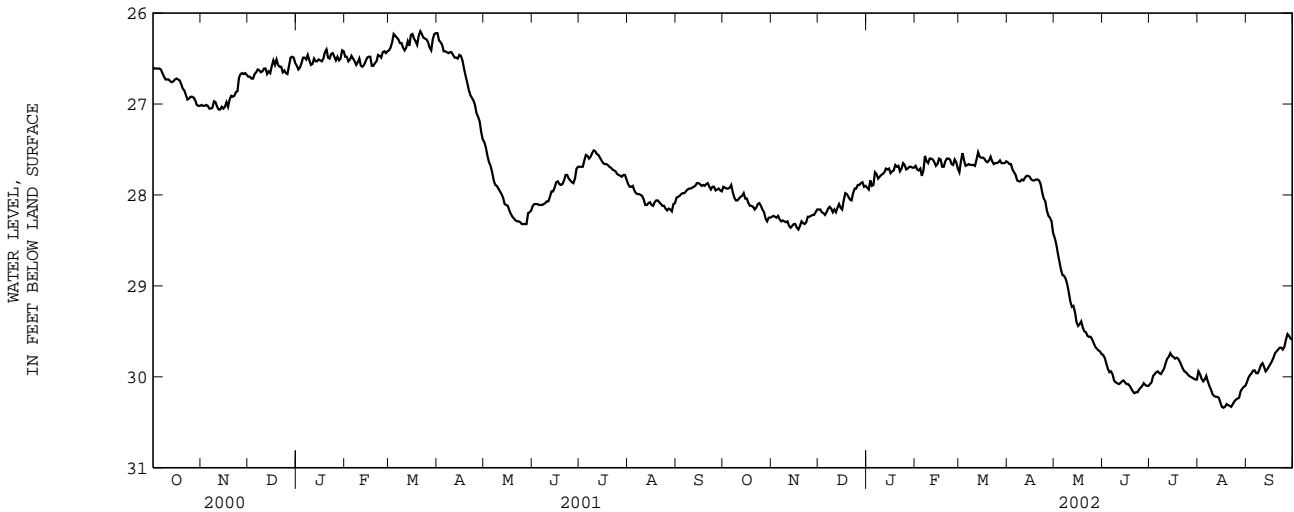
DATUM.--Land-surface datum is 299.0 ft above sea level. Measuring point: Opening in casing, 1.20 ft above land-surface datum.

PERIOD OF RECORD.--April 1993 to September 2002 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 22.12 ft below land-surface datum, Mar. 19, 1996; lowest, 30.34 ft below land-surface datum, Aug. 17, 2002.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	27.91	28.24	28.16	27.92	27.68	27.75	27.64	28.47	29.76	30.08	29.94	30.06
2	27.92	28.23	28.16	27.94	27.72	27.63	27.66	28.54	29.79	30.06	29.97	30.01
3	27.93	28.24	28.19	27.84	27.73	27.54	27.66	28.64	29.85	29.99	30.02	29.98
4	27.93	28.25	28.20	27.90	27.71	27.62	27.72	28.73	29.91	29.97	30.05	29.96
5	27.92	28.23	28.22	27.89	27.79	27.68	27.75	28.82	29.95	29.95	30.03	29.93
6	27.89	28.27	28.19	27.75	27.73	27.67	27.78	28.88	29.94	29.94	29.99	29.93
7	27.97	28.29	28.15	27.77	27.57	27.66	27.84	28.89	29.97	29.96	30.05	29.96
8	28.03	28.28	28.13	27.82	27.63	27.67	27.85	28.92	30.04	29.97	30.10	29.96
9	28.06	28.29	28.15	27.80	27.65	27.67	27.85	28.98	30.06	29.94	30.14	29.92
10	28.06	28.30	28.19	27.78	27.60	27.67	27.83	29.07	30.07	29.91	30.19	29.87
11	28.04	28.29	28.16	27.77	27.60	27.68	27.84	29.17	30.08	29.85	30.21	29.85
12	28.02	28.34	28.19	27.75	27.61	27.61	27.81	29.23	30.07	29.80	30.22	29.89
13	28.01	28.36	28.14	27.71	27.64	27.53	27.79	29.22	30.05	29.78	30.22	29.94
14	27.98	28.34	28.10	27.72	27.68	27.58	27.79	29.29	30.04	29.74	30.23	29.92
15	28.04	28.32	28.14	27.71	27.66	27.59	27.80	29.40	30.06	29.77	30.28	29.89
16	28.04	28.32	28.16	27.76	27.60	27.59	27.83	29.44	30.08	29.78	30.33	29.86
17	28.09	28.36	28.06	27.74	27.61	27.60	27.84	29.42	30.08	29.80	30.34	29.83
18	28.12	28.38	27.98	27.73	27.69	27.63	27.84	29.39	30.10	29.79	30.33	29.79
19	28.12	28.34	27.99	27.67	27.69	27.64	27.83	29.46	30.13	29.80	30.30	29.74
20	28.13	28.29	28.02	27.69	27.63	27.62	27.83	29.50	30.16	29.83	30.31	29.72
21	28.16	28.31	28.05	27.68	27.60	27.58	27.84	29.51	30.18	29.87	30.32	29.70
22	28.14	28.32	28.06	27.74	27.60	27.63	27.88	29.55	30.17	29.91	30.33	29.68
23	28.10	28.30	27.98	27.71	27.61	27.66	27.97	29.56	30.17	29.94	30.30	29.68
24	28.09	28.24	27.93	27.65	27.66	27.65	28.04	29.56	30.14	29.95	30.27	29.70
25	28.12	28.24	27.93	27.67	27.67	27.65	28.07	29.59	30.12	29.97	30.25	29.67
26	28.16	28.23	27.89	27.72	27.61	27.64	28.17	29.63	30.10	29.99	30.24	29.59
27	28.19	28.22	27.89	27.71	27.64	27.62	28.23	29.67	30.07	30.00	30.23	29.53
28	28.26	28.22	27.87	27.69	27.71	27.65	28.25	29.69	30.09	30.01	30.16	29.55
29	28.29	28.19	27.86	27.69	---	27.65	28.29	29.71	30.10	30.02	30.13	29.58
30	28.25	28.16	27.91	27.70	---	27.65	28.42	29.72	30.10	30.03	30.11	29.59
31	28.25	---	27.90	27.70	---	27.63	---	29.75	---	30.03	30.10	---
MEAN	28.07	28.28	28.06	27.75	27.65	27.63	27.90	29.27	30.05	29.92	30.18	29.81
MAX	28.29	28.38	28.22	27.94	27.79	27.75	28.42	29.75	30.18	30.08	30.34	30.06
MIN	27.89	28.16	27.86	27.65	27.57	27.53	27.64	28.47	29.76	29.74	29.94	29.53



AIKEN COUNTY--Continued

WELL NUMBER.--333233081290704. Local number, AK-848.

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.--Black Creek.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from surface to 105 ft, 4 in from 75 to 116 ft, 126 to 131 ft, depth 131 ft, cased to 131 ft, screened from 116 to 126 ft.

INSTRUMENTATION.--Data collection platform--60 minute collection interval.

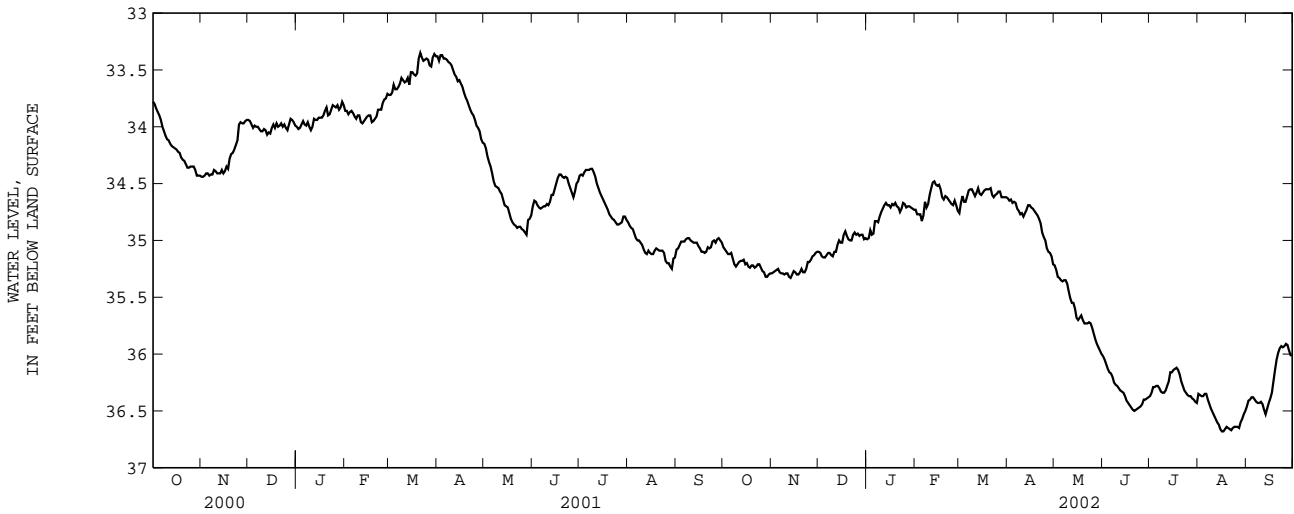
DATUM.--Land-surface datum is 299.7 ft above sea level. Measuring point: Opening in casing, 1.06 ft above land-surface datum.

PERIOD OF RECORD.--April 1993 to September 2002 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 30.87 ft below land-surface datum, Mar. 2, 1994; lowest, 36.68 ft below land-surface datum, Aug. 16, 17, 2002.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	35.06	35.29	35.10	34.99	34.73	34.76	34.63	35.22	36.02	36.37	36.35	36.46
2	35.08	35.28	35.11	34.98	34.77	34.67	34.65	35.26	36.05	36.34	36.36	36.41
3	35.10	35.27	35.14	34.91	34.77	34.61	34.64	35.32	36.09	36.29	36.37	36.40
4	35.12	35.26	35.15	34.95	34.77	34.66	34.67	35.33	36.13	36.29	36.37	36.38
5	35.12	35.25	35.15	34.94	34.83	34.66	34.66	35.35	36.16	36.28	36.35	36.38
6	35.11	35.28	35.13	34.83	34.78	34.61	34.67	35.36	36.17	36.28	36.35	36.40
7	35.16	35.29	35.11	34.83	34.66	34.56	34.72	35.35	36.20	36.30	36.40	36.42
8	35.21	35.29	35.11	34.84	34.71	34.55	34.74	35.35	36.25	36.33	36.44	36.43
9	35.23	35.30	35.13	34.79	34.68	34.55	34.77	35.38	36.27	36.34	36.48	36.43
10	35.21	35.29	35.14	34.75	34.60	34.58	34.76	35.45	36.28	36.34	36.51	36.42
11	35.19	35.29	35.10	34.72	34.54	34.61	34.79	35.51	36.30	36.32	36.54	36.44
12	35.18	35.32	35.10	34.69	34.49	34.58	34.76	35.55	36.32	36.28	36.57	36.49
13	35.18	35.33	35.04	34.67	34.48	34.54	34.73	35.55	36.33	36.24	36.60	36.53
14	35.17	35.30	35.00	34.69	34.51	34.59	34.69	35.60	36.34	36.16	36.62	36.48
15	35.21	35.27	35.02	34.69	34.52	34.60	34.69	35.68	36.37	36.16	36.66	36.43
16	35.20	35.28	35.02	34.71	34.51	34.58	34.71	35.70	36.41	36.14	36.68	36.39
17	35.23	35.30	34.95	34.68	34.55	34.56	34.72	35.68	36.43	36.13	36.68	36.34
18	35.24	35.30	34.92	34.69	34.62	34.55	34.74	35.66	36.45	36.12	36.66	36.24
19	35.22	35.28	34.96	34.67	34.64	34.55	34.76	35.70	36.47	36.14	36.64	36.14
20	35.22	35.25	34.99	34.70	34.61	34.55	34.78	35.73	36.49	36.18	36.65	36.05
21	35.24	35.28	35.00	34.71	34.62	34.54	34.81	35.73	36.50	36.24	36.66	35.99
22	35.23	35.28	35.00	34.75	34.64	34.60	34.85	35.73	36.49	36.28	36.67	35.95
23	35.21	35.25	34.95	34.72	34.66	34.62	34.93	35.72	36.48	36.32	36.65	35.93
24	35.21	35.19	34.93	34.67	34.68	34.60	34.97	35.73	36.47	36.34	36.64	35.94
25	35.24	35.19	34.95	34.68	34.69	34.59	35.00	35.77	36.46	36.36	36.64	35.93
26	35.27	35.17	34.94	34.71	34.65	34.57	35.07	35.82	36.44	36.37	36.64	35.91
27	35.28	35.14	34.96	34.70	34.69	34.57	35.10	35.87	36.40	36.37	36.65	35.92
28	35.32	35.13	34.95	34.70	34.74	34.62	35.11	35.91	36.40	36.39	36.60	35.97
29	35.32	35.11	34.95	34.71	---	34.62	35.14	35.94	36.39	36.40	36.57	36.01
30	35.30	35.10	34.99	34.72	---	34.62	35.21	35.97	36.38	36.42	36.53	36.01
31	35.29	---	34.98	34.73	---	34.62	---	36.00	---	36.43	36.50	---
MEAN	35.20	35.25	35.03	34.76	34.65	34.60	34.82	35.61	36.33	36.29	36.55	36.24
MAX	35.32	35.33	35.15	34.99	34.83	34.76	35.21	36.00	36.50	36.43	36.68	36.53
MIN	35.06	35.10	34.92	34.67	34.48	34.54	34.63	35.22	36.02	36.12	36.35	35.91



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.

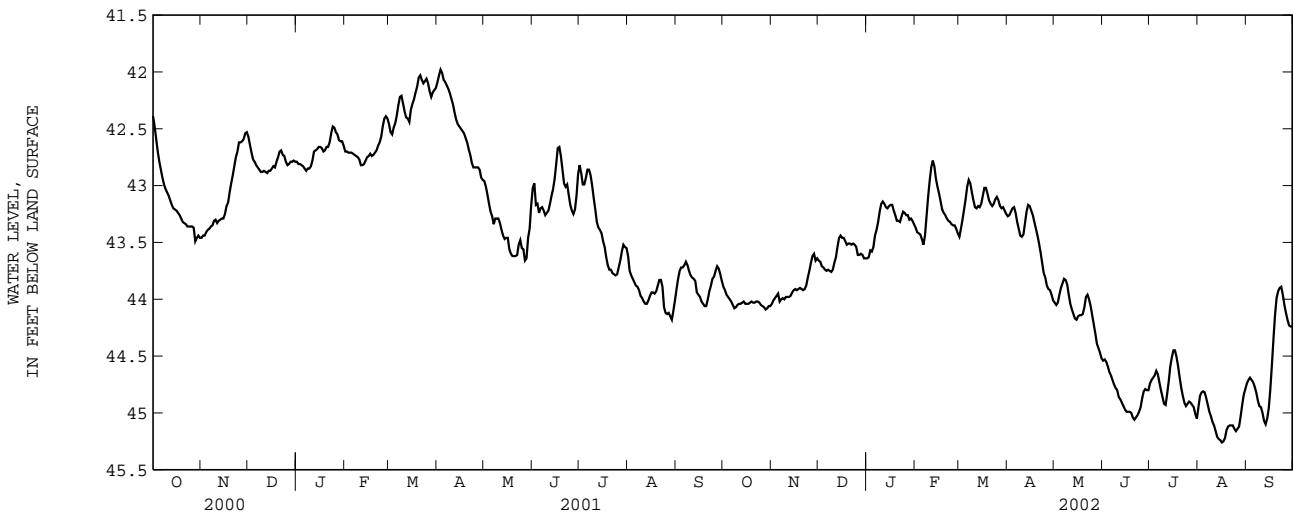
DATUM.--Land-surface datum is 301.6 ft above sea level. Measuring point: Opening in casing, 1.39 ft above land-surface datum.

PERIOD OF RECORD.--April 1993 to September 2002 (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 BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	43.89	44.04	43.66	43.64	43.37	43.45	43.27	44.03	44.54	44.74	44.95	44.74
2	43.92	44.01	43.67	43.63	43.41	43.38	43.26	44.05	44.53	44.71	44.85	44.71
3	43.96	43.99	43.71	43.57	43.42	43.30	43.23	44.03	44.55	44.69	44.82	44.69
4	43.98	43.97	43.72	43.58	43.43	43.21	43.20	43.96	44.59	44.67	44.81	44.71
5	44.00	43.95	43.74	43.54	43.47	43.12	43.19	43.90	44.64	44.63	44.82	44.73
6	44.02	44.02	43.75	43.44	43.52	43.01	43.24	43.86	44.67	44.66	44.87	44.77
7	44.05	44.00	43.74	43.39	43.44	42.95	43.32	43.82	44.71	44.73	44.93	44.82
8	44.08	43.99	43.75	43.32	43.27	42.98	43.38	43.83	44.75	44.80	44.99	44.89
9	44.07	44.00	43.76	43.23	43.10	43.06	43.44	43.87	44.78	44.86	45.03	44.94
10	44.05	43.98	43.74	43.16	42.96	43.13	43.45	43.96	44.80	44.92	45.08	44.95
11	44.04	43.98	43.68	43.14	42.84	43.19	43.43	44.04	44.86	44.93	45.11	45.00
12	44.04	43.98	43.63	43.16	42.78	43.20	43.33	44.09	44.88	44.83	45.16	45.07
13	44.03	43.97	43.54	43.19	42.83	43.18	43.23	44.13	44.91	44.72	45.21	45.10
14	44.02	43.94	43.46	43.20	42.94	43.19	43.17	44.17	44.94	44.59	45.23	45.05
15	44.04	43.92	43.44	43.18	43.01	43.16	43.18	44.18	44.97	44.51	45.24	44.96
16	44.04	43.91	43.46	43.17	43.07	43.09	43.22	44.15	44.99	44.45	45.26	44.79
17	44.04	43.92	43.46	43.17	43.14	43.02	43.26	44.14	44.99	44.45	45.25	44.58
18	44.03	43.91	43.49	43.22	43.21	43.02	43.32	44.14	44.99	44.51	45.22	44.35
19	44.02	43.90	43.52	43.26	43.24	43.07	43.38	44.13	45.00	44.59	45.15	44.14
20	44.03	43.91	43.51	43.31	43.26	43.13	43.44	44.07	45.04	44.69	45.12	43.99
21	44.03	43.92	43.51	43.31	43.29	43.16	43.51	43.98	45.06	44.78	45.11	43.93
22	44.02	43.91	43.52	43.32	43.31	43.18	43.59	43.96	45.04	44.85	45.11	43.90
23	44.02	43.88	43.51	43.27	43.32	43.16	43.68	44.00	45.02	44.91	45.11	43.89
24	44.03	43.81	43.52	43.23	43.34	43.12	43.77	44.06	44.99	44.94	45.14	43.96
25	44.05	43.75	43.54	43.24	43.35	43.10	43.81	44.14	44.95	44.92	45.16	44.05
26	44.06	43.68	43.61	43.26	43.35	43.13	43.88	44.22	44.87	44.90	45.14	44.12
27	44.07	43.62	43.61	43.26	43.38	43.18	43.91	44.30	44.81	44.91	45.12	44.18
28	44.09	43.60	43.60	43.30	43.42	43.20	43.92	44.39	44.79	44.93	45.03	44.23
29	44.08	43.66	43.61	43.29	---	43.19	43.96	44.43	44.80	44.95	44.93	44.24
30	44.06	43.64	43.64	43.31	---	43.22	44.01	44.47	44.80	45.01	44.84	44.24
31	44.06	---	43.64	43.34	---	43.25	---	44.52	---	45.05	44.79	---
MEAN	44.03	43.89	43.60	43.31	43.23	43.15	43.47	44.10	44.84	44.77	45.05	44.52
MAX	44.09	44.04	43.76	43.64	43.52	43.45	44.01	44.52	45.06	45.05	45.26	45.10
MIN	43.89	43.60	43.44	43.14	42.78	42.95	43.17	43.82	44.53	44.45	44.79	43.89



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.

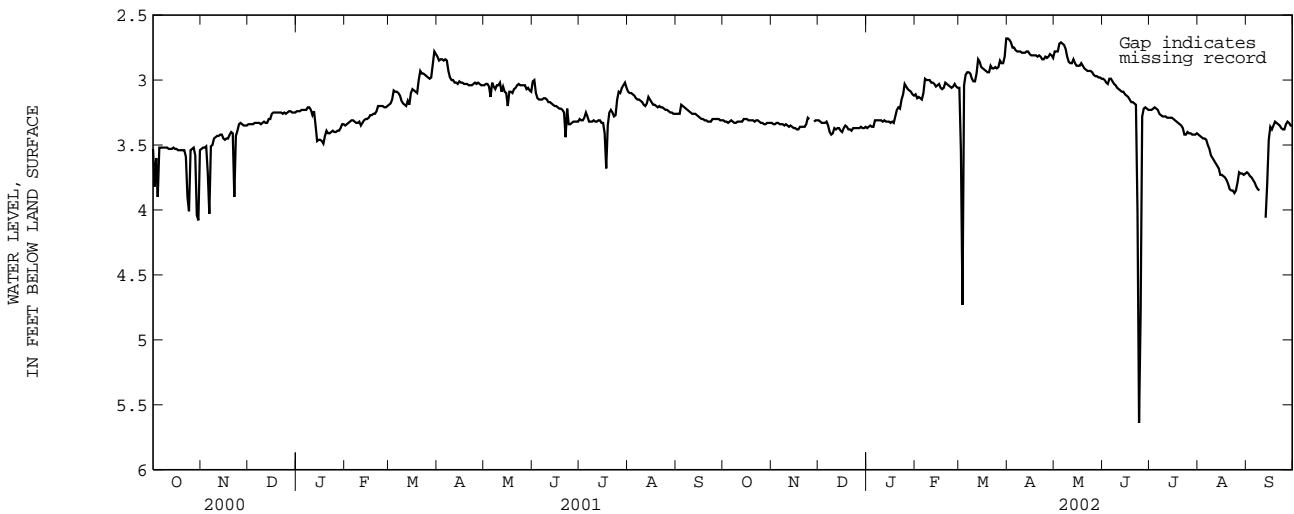
REMARKS.--Geophysical logs available in District files. Water level affected by nearby pumpage.

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 BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.31	3.33	3.31	3.37	3.11	3.06	2.68	2.78	2.99	3.23	3.42	3.71
2	3.32	3.34	3.32	3.36	3.14	3.55	2.69	2.78	3.00	3.23	3.43	3.72
3	3.32	3.34	3.33	3.35	3.13	4.73	2.71	2.78	3.02	3.22	3.44	3.74
4	3.33	3.33	3.33	3.36	3.14	3.04	2.75	2.72	3.03	3.21	3.45	3.75
5	3.32	3.33	3.33	3.36	3.15	2.96	2.75	2.71	2.99	3.22	3.45	3.77
6	3.31	3.34	3.32	3.31	3.10	2.94	2.77	2.72	2.99	3.23	3.46	3.79
7	3.32	3.34	3.35	3.31	2.99	2.94	2.78	2.73	3.01	3.26	3.50	3.82
8	3.33	3.34	3.40	3.31	3.00	2.95	2.78	2.76	3.03	3.27	3.53	3.84
9	3.33	3.35	3.42	3.31	3.00	2.99	2.78	2.82	3.04	3.28	3.58	3.85
10	3.32	3.34	3.41	3.31	3.00	3.01	2.79	2.86	3.06	3.28	3.60	---
11	3.32	3.35	3.37	3.32	3.02	3.01	2.79	2.87	3.07	3.28	3.62	---
12	3.32	3.36	3.38	3.31	3.02	2.95	2.79	2.87	3.08	3.29	3.64	---
13	3.32	3.35	3.37	3.32	3.03	2.84	2.78	2.84	3.09	3.29	3.66	4.06
14	3.30	3.36	3.37	3.32	3.05	2.86	2.78	2.87	3.09	3.29	3.68	3.80
15	3.30	3.37	3.39	3.32	3.04	2.90	2.80	2.89	3.11	3.29	3.73	3.46
16	3.30	3.37	3.40	3.33	3.03	2.91	2.81	2.89	3.12	3.30	3.73	3.36
17	3.31	3.38	3.37	3.32	3.06	2.92	2.81	2.89	3.13	3.31	3.74	3.38
18	3.31	3.38	3.35	3.33	3.07	2.93	2.81	2.87	3.15	3.32	3.75	3.35
19	3.31	3.36	3.36	3.28	3.06	2.94	2.81	2.89	3.17	3.33	3.77	3.32
20	3.31	3.36	3.38	3.23	3.02	2.94	2.82	2.91	3.17	3.34	3.80	3.33
21	3.32	3.36	3.38	3.21	3.03	2.89	2.81	2.92	3.18	3.35	3.84	3.34
22	3.31	3.36	3.39	3.22	3.04	2.91	2.82	2.93	3.19	3.37	3.85	3.35
23	3.31	3.34	3.37	3.15	3.05	2.91	2.84	2.93	4.02	3.42	3.85	3.37
24	3.32	3.29	3.37	3.11	3.06	2.90	2.84	2.93	5.64	3.42	3.87	3.38
25	3.33	3.30	3.37	3.03	3.05	2.91	2.82	2.94	4.80	3.40	3.85	3.38
26	3.33	---	3.37	3.05	3.03	2.90	2.83	2.96	3.28	3.41	3.79	3.34
27	3.34	---	3.37	3.07	3.05	2.85	2.82	2.97	3.22	3.41	3.71	3.32
28	3.34	3.32	3.36	3.08	3.06	2.87	2.80	2.97	3.21	3.42	3.72	3.33
29	3.33	3.31	3.37	3.09	---	2.87	2.81	2.98	3.22	3.42	3.72	3.35
30	3.33	3.31	3.37	3.11	---	2.82	2.83	2.98	3.23	3.42	3.73	3.35
31	3.33	---	3.36	3.12	---	2.68	---	2.99	---	3.41	3.72	---
MEAN	3.32	---	3.37	3.25	3.05	3.00	2.79	2.87	3.28	3.32	3.67	---
MAX	3.34	---	3.42	3.37	3.15	4.73	2.84	2.99	5.64	3.42	3.87	---
MIN	3.30	---	3.31	3.03	2.99	2.68	2.68	2.71	2.99	3.21	3.42	---





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.

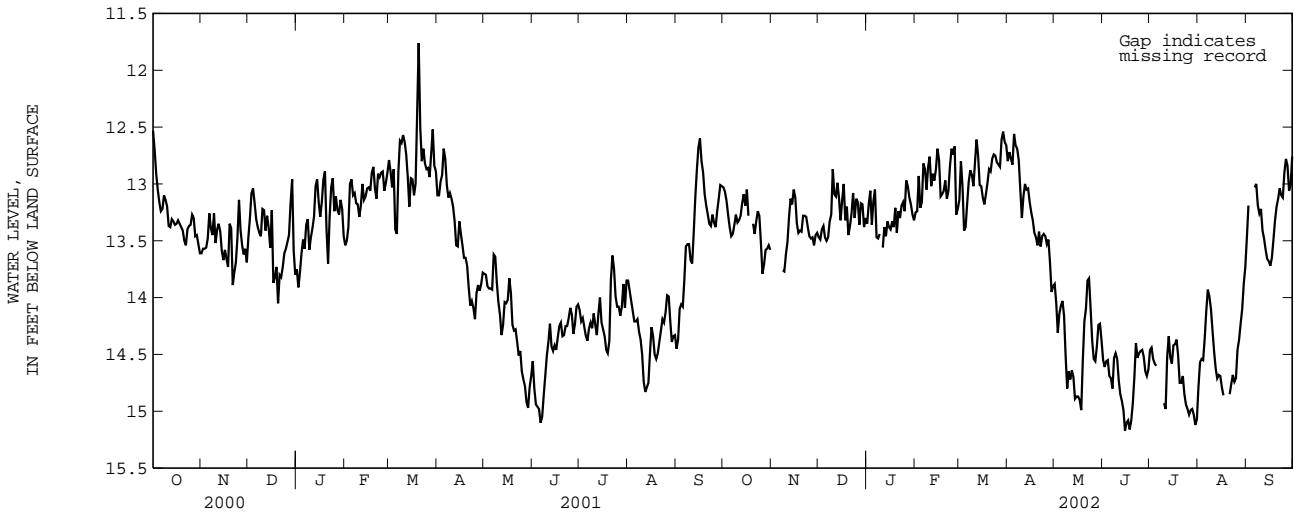
DATUM.--Land-surface datum is 14.0 ft above sea level. Measuring point: Opening in casing, 0.80 ft land-surface datum.

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 BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13.03	---	13.47	13.35	13.25	13.14	12.80	13.88	14.55	14.46	14.79	13.47
2	13.07	---	13.49	13.18	13.24	12.80	12.72	14.05	14.61	14.44	14.57	13.19
3	13.15	---	13.40	13.06	12.93	13.02	12.78	14.31	14.56	14.54	14.54	---
4	13.27	---	13.37	13.36	13.21	13.41	12.83	14.14	14.55	14.58	14.55	---
5	13.38	---	13.47	13.15	13.16	13.38	12.56	14.07	14.69	14.60	14.36	---
6	13.46	---	13.50	13.05	12.82	13.17	12.66	14.03	14.71	---	14.12	13.03
7	13.44	---	13.47	13.47	12.87	12.98	12.69	14.16	14.80	---	13.93	13.00
8	13.36	13.76	13.33	13.48	13.05	12.88	12.79	14.51	14.53	---	13.99	13.19
9	13.27	13.77	13.27	13.44	12.85	12.92	13.05	14.80	14.49	---	14.10	13.26
10	13.34	13.62	12.87	---	12.76	13.02	13.30	14.65	14.54	14.93	14.29	13.22
11	13.32	13.51	13.09	13.56	13.02	12.81	13.11	14.72	14.73	14.98	14.47	13.41
12	13.28	13.29	13.11	13.38	12.91	12.61	13.00	14.64	14.85	14.52	14.62	13.48
13	13.17	13.13	12.99	13.46	12.97	12.75	13.05	14.70	14.91	14.34	14.71	13.58
14	13.09	13.18	13.13	13.33	12.87	13.01	13.04	14.89	14.99	14.53	14.68	13.66
15	13.19	13.05	13.32	13.38	12.69	13.02	13.16	14.87	15.17	14.58	14.69	13.68
16	13.05	13.12	13.14	13.40	12.79	13.12	13.25	14.87	15.10	14.42	14.79	13.72
17	13.28	13.35	13.00	13.33	13.11	13.18	13.32	14.90	15.08	14.41	14.86	13.65
18	---	13.43	13.32	13.38	13.09	13.09	13.43	14.99	15.16	14.37	---	13.49
19	---	13.41	13.20	13.21	13.06	12.99	13.47	14.55	15.08	14.51	---	13.32
20	13.35	13.42	13.45	13.43	12.97	12.87	13.54	14.21	14.93	14.75	---	13.20
21	13.44	13.28	13.37	13.24	13.13	12.89	13.42	14.10	14.70	14.75	14.85	13.13
22	13.33	13.28	13.26	13.30	13.06	12.78	13.55	13.85	14.40	14.69	14.76	13.04
23	13.24	13.29	13.08	13.19	12.84	12.74	13.46	13.83	14.53	14.85	14.68	13.10
24	13.28	13.38	13.30	13.16	12.69	12.75	13.44	14.10	14.49	14.94	14.74	13.12
25	13.52	13.46	13.13	13.24	12.74	12.81	13.46	14.38	14.47	14.98	14.71	12.90
26	13.79	13.48	13.16	12.97	12.67	12.83	13.53	14.54	14.46	15.03	14.46	12.78
27	13.71	13.47	13.36	13.02	13.27	12.85	13.49	14.56	14.52	14.99	14.37	12.84
28	13.58	13.54	13.17	13.12	13.22	12.61	13.69	14.43	14.65	14.98	14.23	13.06
29	13.57	13.45	13.18	13.18	---	12.54	13.95	14.24	14.69	15.03	14.10	13.01
30	13.54	13.43	13.38	13.27	---	12.63	13.90	14.23	14.63	15.12	13.88	12.76
31	13.58	---	13.30	13.32	---	12.66	---	14.38	---	15.07	13.73	---
MEAN	---	---	13.26	---	12.97	12.91	13.21	14.41	14.72	---	---	---
MAX	---	---	13.50	---	13.27	13.41	13.95	14.99	15.17	---	---	---
MIN	---	---	12.87	---	12.67	12.54	12.56	13.83	14.40	---	---	---



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 fair except for Nov. 2 to Apr. 24, which are poor. 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, 14,700 microsiemens, Dec. 11; minimum, 12,700 microsiemens, June 10.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	---	---	---	14700	14700	14700	14500	14500	14500
2	---	---	---	---	---	---	14700	14700	14700	14500	14500	14500
3	---	---	---	14600	14500	14600	14700	14700	14700	14500	14500	14500
4	---	---	---	14600	14600	14600	14700	14700	14700	14500	14500	14500
5	---	---	---	14600	14600	14600	14700	14700	14700	14500	14500	14500
6	---	---	---	---	---	---	14700	14700	14700	14500	14500	14500
7	---	---	---	---	---	---	14700	14700	14700	14500	14500	14500
8	---	---	---	14600	14600	14600	14700	14700	14700	14500	14500	14500
9	---	---	---	14600	14600	14600	14700	14700	14700	14500	14500	14500
10	---	---	---	14600	14600	14600	14700	14700	14700	14500	14500	14500
11	---	---	---	14600	14600	14600	14700	14700	14700	14500	14500	14500
12	---	---	---	14600	14600	14600	14700	14400	14600	14500	14500	14500
13	---	---	---	14600	14600	14600	14500	14400	14500	14500	14500	14500
14	---	---	---	14600	14600	14600	14500	14400	14500	14500	14500	14500
15	---	---	---	14700	14600	14600	14500	14400	14500	14500	14500	14500
16	---	---	---	14700	14600	14600	14500	14400	14500	14500	14500	14500
17	---	---	---	14700	14600	14600	14500	14400	14500	14500	14500	14500
18	---	---	---	14700	14600	14600	14500	14400	14500	14500	14500	14500
19	---	---	---	14700	14600	14700	---	---	---	14500	14500	14500
20	---	---	---	14700	14600	14700	14500	14500	14500	14500	14500	14500
21	---	---	---	14700	14600	14700	14500	14500	14500	14500	14500	14500
22	---	---	---	14700	14600	14700	14500	14500	14500	14500	14500	14500
23	---	---	---	14700	14600	14700	14500	14500	14500	14500	14500	14500
24	---	---	---	14700	14600	14700	14500	14500	14500	14500	14500	14500
25	---	---	---	14700	14600	14700	14500	14500	14500	14500	14500	14500
26	---	---	---	14700	14700	14700	14500	14500	14500	14500	14500	14500
27	---	---	---	14700	14700	14700	14500	14500	14500	14500	14500	14500
28	---	---	---	14700	14600	14700	14500	14500	14500	14500	14500	14500
29	---	---	---	14700	14700	14700	14500	14500	14500	14600	14500	14500
30	---	---	---	14700	14700	14700	14500	14500	14500	14600	14500	14500
31	---	---	---	---	---	---	14500	14500	14500	14600	14500	14500
MONTH	---	---	---	---	---	---	---	---	---	14600	14500	14500

## WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

## BEAUFORT COUNTY

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	14600	14500	14600	14600	14600	14600	14700	14600	14600	---	---	---
2	14600	14500	14600	14600	14600	14600	14700	14600	14600	---	---	---
3	14600	14500	14600	14600	14600	14600	14700	14600	14600	---	---	---
4	14600	14500	14600	14600	14600	14600	14600	14600	14600	---	---	---
5	14600	14500	14600	14600	14600	14600	14600	14600	14600	---	---	---
6	14600	14500	14600	14600	14600	14600	14700	14600	14600	---	---	---
7	14600	14500	14600	14600	14600	14600	14600	14600	14600	---	---	---
8	14600	14500	14600	14600	14600	14600	14600	14600	14600	---	---	---
9	14600	14500	14600	14600	14600	14600	14700	14600	14600	---	---	---
10	14600	14500	14600	14600	14600	14600	14700	14600	14600	---	---	---
11	14600	14600	14600	14600	14600	14600	14700	14600	14600	---	---	---
12	14600	14600	14600	14600	14600	14600	14700	14600	14600	---	---	---
13	14600	14600	14600	14600	14600	14600	14700	14600	14600	---	---	---
14	14600	14600	14600	14600	14600	14600	14700	14600	14600	---	---	---
15	14600	14600	14600	14600	14600	14600	14700	14600	14600	---	---	---
16	14600	14600	14600	14600	14600	14600	14700	14600	14600	---	---	---
17	14600	14600	14600	14600	14600	14600	14700	14600	14600	---	---	---
18	14600	14600	14600	14600	14600	14600	14700	14600	14600	---	---	---
19	14600	14600	14600	14600	14600	14600	14700	14600	14600	---	---	---
20	14600	14600	14600	14600	14600	14600	14700	14600	14600	---	---	---
21	14600	14600	14600	14600	14600	14600	14700	14600	14600	---	---	---
22	14600	14600	14600	14600	14600	14600	14700	14600	14600	---	---	---
23	14600	14600	14600	14600	14600	14600	14700	14600	14600	---	---	---
24	14600	14600	14600	14600	14600	14600	---	---	---	---	---	---
25	14600	14600	14600	14600	14600	14600	---	---	---	---	---	---
26	14600	14600	14600	14600	14600	14600	---	---	---	---	---	---
27	14600	14600	14600	14700	14600	14600	---	---	---	---	---	---
28	14600	14600	14600	14700	14600	14600	---	---	---	---	---	---
29	---	---	---	14700	14600	14600	---	---	---	---	---	---
30	---	---	---	14700	14600	14600	---	---	---	---	---	---
31	---	---	---	14700	14600	14600	---	---	---	---	---	---
MONTH	14600	14500	14600	14700	14600	14600	---	---	---	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	---	---	---	13100	12800	12900	13100	12800	13000	13200	12900	13000
2	---	---	---	13100	12800	12900	13100	12800	13000	13200	12900	13000
3	---	---	---	13100	12800	13000	13100	12800	13000	13200	12800	13000
4	---	---	---	13100	12800	13000	13100	12800	13000	13200	12900	13100
5	---	---	---	13100	12800	13000	13100	12800	13000	13300	12800	13000
6	13000	12700	12900	13100	12700	12900	13200	12700	13000	13300	12800	13000
7	13000	12700	12900	13100	12700	12900	13200	12700	13000	13300	12800	13000
8	13000	12700	12900	13100	12700	12900	13200	12700	12900	13300	12800	13000
9	13000	12700	12900	13100	12700	12900	13200	12700	13000	13300	12800	13000
10	13100	12700	12900	13200	12700	13000	13200	12700	13000	13300	12800	13100
11	13100	12700	12900	13200	12700	13000	13200	12800	13000	13300	12800	13100
12	13100	12700	12900	13200	12700	12900	13200	12800	13000	13300	12800	13100
13	13100	12700	12900	13200	12700	12900	13200	12800	13000	13200	12900	13100
14	13100	12700	12900	13200	12700	13000	13200	12800	13000	13300	12900	13100
15	13100	12700	12900	13200	12800	13000	13200	12800	13000	13200	12900	13100
16	13100	12700	12900	13200	12800	13000	13200	12800	13000	13300	12900	13100
17	13100	12700	12900	13200	12700	13000	13200	12800	13000	13300	12900	13100
18	13100	12700	12900	13200	12700	13000	13200	12800	13000	13300	12900	13100
19	13100	12700	12900	13200	12800	13000	13200	12800	13000	13300	12900	13100
20	13100	12700	12900	13100	12700	12900	13200	12800	13000	13300	12900	13100
21	13100	12700	12900	13200	12700	13000	13200	12800	13000	13300	12900	13100
22	13200	12700	12900	13200	12800	13000	13200	12800	13000	13300	12900	13100
23	13200	12700	12900	13200	12800	13000	13200	12800	13000	13300	12900	13100
24	13200	12700	12900	13200	12800	13000	13200	12800	13000	13300	12900	13100
25	13200	12700	12900	13200	12800	13000	13200	12800	13000	13300	12900	13100
26	13100	12700	12900	13200	12800	13000	13200	12900	13000	13300	12900	13100
27	13200	12800	13000	13200	12800	13000	13200	12900	13000	13300	13000	13100
28	13200	12800	13000	13200	12800	13000	13200	12900	13000	13300	12900	13100
29	13100	12800	12900	13200	12800	13000	13200	12900	13000	13300	12900	13100
30	13100	12800	13000	13200	12800	13000	13200	12900	13000	13300	12900	13100
31	---	---	---	13200	12800	13000	13200	12900	13100	---	---	---
MONTH	---	---	---	13200	12700	13000	13200	12700	13000	13300	12800	13100

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.

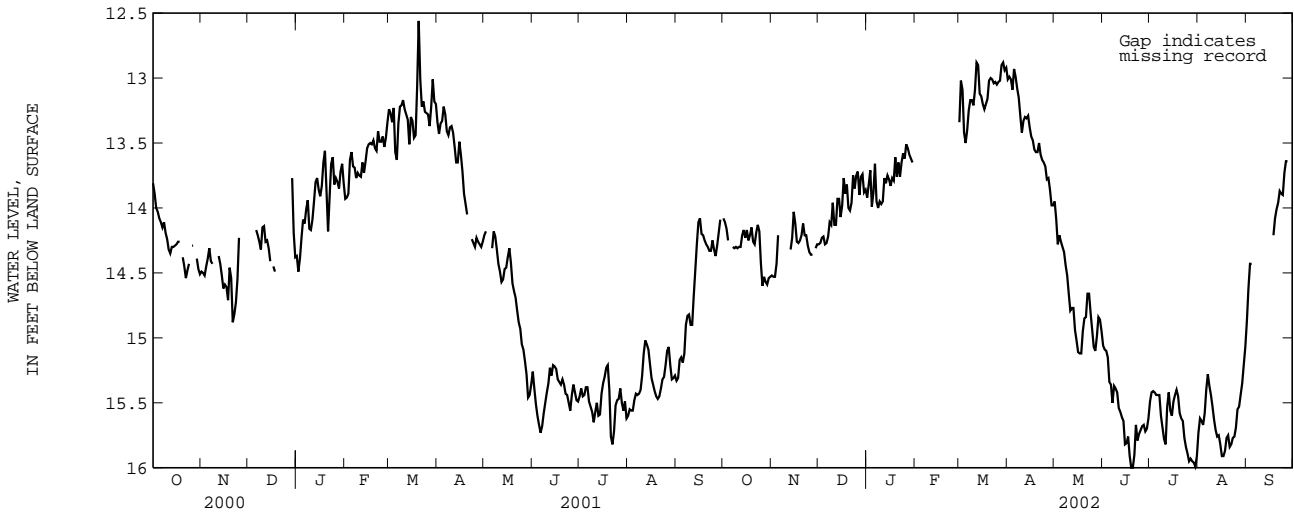
REMARKS.--Water level affected by pumping and by tide.

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

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 12.56 ft below land-surface datum, Mar. 20, 2001; lowest, 17.15 ft below land-surface datum, June 10, 1999.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14.08	14.52	14.28	13.92	---	13.34	13.01	13.95	15.06	15.49	15.73	14.87
2	14.11	14.53	14.27	13.82	---	13.02	12.99	14.09	15.09	15.42	15.62	14.62
3	14.16	14.53	14.23	13.71	---	13.09	13.01	14.28	15.10	15.41	15.64	14.43
4	14.25	14.43	14.22	13.99	---	13.42	13.09	14.21	15.15	15.42	15.67	14.43
5	---	14.21	14.28	13.88	---	13.50	12.93	14.26	15.34	15.44	15.58	---
6	---	---	14.27	13.66	---	13.40	12.99	14.30	15.36	15.44	15.40	---
7	14.30	---	14.22	13.95	---	13.25	13.08	14.34	15.50	15.44	15.28	---
8	14.31	---	14.11	14.00	---	13.17	13.15	14.44	15.37	15.60	15.37	---
9	14.30	---	14.13	13.95	---	13.17	13.29	14.52	15.39	15.69	15.44	---
10	14.31	---	13.96	13.97	---	13.21	13.42	14.66	15.42	15.78	15.53	---
11	14.30	---	14.13	13.95	---	13.09	13.33	14.79	15.54	15.82	15.63	---
12	14.30	---	14.13	13.77	---	12.88	13.30	14.77	15.57	15.53	15.71	---
13	14.21	14.32	13.93	13.81	---	12.90	13.31	14.77	15.61	15.42	15.76	---
14	14.17	14.23	13.93	13.75	---	13.12	13.29	14.94	15.64	15.56	15.75	---
15	14.23	14.03	14.07	13.78	---	13.14	13.38	15.02	15.82	15.60	15.82	---
16	14.17	14.12	13.98	13.83	---	13.20	13.45	15.11	15.81	15.49	15.91	---
17	14.25	14.26	13.77	13.77	---	13.24	13.48	15.12	15.76	15.44	15.91	---
18	14.21	14.27	13.89	13.79	---	13.20	13.55	15.12	15.91	15.40	15.87	14.21
19	14.15	14.25	13.82	13.61	---	13.16	13.57	14.95	16.00	15.45	15.77	14.08
20	14.26	14.21	14.00	13.76	---	13.02	13.57	14.85	16.00	15.58	15.75	14.01
21	14.28	14.12	14.02	13.65	---	13.00	13.50	14.84	15.90	15.62	15.84	13.96
22	14.19	14.21	13.96	13.76	---	13.01	13.59	14.66	15.67	15.64	15.82	13.87
23	14.13	14.21	13.75	13.65	---	13.04	13.63	14.66	15.79	15.77	15.77	13.89
24	14.18	14.29	13.85	13.58	---	13.03	13.65	14.81	15.74	15.84	15.76	13.90
25	14.43	14.34	13.75	13.62	---	13.05	13.68	14.94	15.71	15.89	15.69	13.73
26	14.60	14.36	13.72	13.51	---	13.03	13.78	15.07	15.68	15.95	15.55	13.64
27	14.53	14.36	13.90	13.54	---	13.02	13.77	15.10	15.67	15.93	15.53	13.64
28	14.57	---	13.76	13.59	---	12.90	13.86	14.99	15.72	15.95	15.44	---
29	14.59	14.31	13.74	13.62	---	12.88	13.98	14.84	15.70	15.96	15.35	---
30	14.54	14.28	13.88	13.65	---	12.94	13.98	14.86	15.62	15.99	15.21	---
31	14.53	---	13.86	---	---	12.92	---	14.95	---	15.91	15.07	---
MEAN	---	---	13.99	---	---	13.11	13.42	14.72	15.59	15.64	15.62	---
MAX	---	---	14.28	---	---	13.50	13.98	15.12	16.00	15.99	15.91	---
MIN	---	---	13.72	---	---	12.88	12.93	13.95	15.06	15.40	15.07	---



## 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, 49.19 ft below land-surface datum, Sep. 30, 2002.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	44.22	44.97	45.43	45.91	46.28	46.70	46.67	47.02	47.39	47.78	48.29	48.84
2	44.26	44.97	45.45	45.97	46.32	46.58	46.70	47.00	47.39	47.78	48.34	48.82
3	44.32	44.97	45.52	45.85	46.34	46.43	46.70	47.05	47.45	47.78	48.40	48.81
4	44.34	44.97	45.56	45.97	46.30	46.54	46.75	47.10	47.53	47.78	48.42	48.83
5	44.35	44.96	45.59	46.01	46.43	46.68	46.79	47.15	47.56	47.80	48.42	48.84
6	44.32	45.02	45.58	45.83	46.41	46.69	46.80	47.19	47.55	47.83	48.40	48.88
7	44.40	45.08	45.54	45.86	46.23	46.66	46.86	47.17	47.56	47.88	48.46	48.94
8	44.50	45.08	45.51	45.99	46.30	46.66	46.87	47.16	47.66	47.95	48.55	48.95
9	44.57	45.10	45.53	46.01	46.38	46.67	46.86	47.16	47.68	47.97	48.59	48.93
10	44.57	45.12	45.60	46.00	46.35	46.66	46.86	47.20	47.68	47.95	48.62	48.88
11	44.54	45.11	45.58	45.99	46.32	46.70	46.88	47.27	47.68	47.94	48.63	48.89
12	44.51	45.18	45.64	45.99	46.36	46.65	46.88	47.28	47.66	47.95	48.65	48.98
13	44.51	45.24	45.61	45.96	46.36	46.53	46.88	47.21	47.64	47.94	48.68	49.04
14	44.48	45.22	45.57	46.02	46.43	46.61	46.86	47.17	47.62	47.93	48.69	49.08
15	44.52	45.18	45.64	46.01	46.44	46.65	46.85	47.27	47.62	47.99	48.74	49.06
16	44.55	45.18	45.73	46.09	46.36	46.67	46.88	47.31	47.68	48.01	48.80	49.04
17	44.61	45.24	45.65	46.09	46.35	46.70	46.89	47.27	47.72	48.03	48.79	49.05
18	44.66	45.28	45.54	46.08	46.49	46.72	46.89	47.20	47.79	48.05	48.77	49.06
19	44.65	45.26	45.62	46.04	46.53	46.72	46.89	47.24	47.84	48.06	48.77	49.07
20	44.64	45.22	45.69	46.08	46.47	46.70	46.87	47.29	47.86	48.10	48.80	49.07
21	44.69	45.26	45.79	46.11	46.42	46.66	46.86	47.33	47.86	48.16	48.85	49.08
22	44.67	45.29	45.85	46.22	46.43	46.71	46.87	47.40	47.82	48.18	48.87	49.08
23	44.64	45.29	45.78	46.21	46.44	46.78	46.96	47.41	47.79	48.20	48.85	49.10
24	44.63	45.29	45.71	46.14	46.52	46.77	47.02	47.39	47.78	48.20	48.84	49.14
25	44.67	45.32	45.75	46.15	46.58	46.76	47.00	47.40	47.79	48.22	48.83	49.12
26	44.77	45.33	45.72	46.26	46.49	46.74	47.06	47.43	47.79	48.23	48.84	49.01
27	44.84	45.36	45.77	46.26	46.49	46.70	47.09	47.45	47.77	48.25	48.87	49.00
28	44.95	45.41	45.78	46.25	46.62	46.74	47.03	47.45	47.78	48.27	48.89	49.06
29	45.00	45.43	45.78	46.26	---	46.75	46.98	47.43	47.79	48.29	48.89	49.15
30	44.98	45.40	45.87	46.29	---	46.73	47.04	47.40	47.80	48.30	48.86	49.19
31	44.98	---	45.90	46.31	---	46.72	---	47.37	---	48.30	48.86	---
MEAN	44.59	45.19	45.65	46.07	46.41	46.68	46.88	47.26	47.68	48.04	48.69	49.00
MAX	45.00	45.43	45.90	46.31	46.62	46.78	47.09	47.45	47.86	48.30	48.89	49.19
MIN	44.22	44.96	45.43	45.83	46.23	46.43	46.67	47.00	47.39	47.78	48.29	48.81

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.

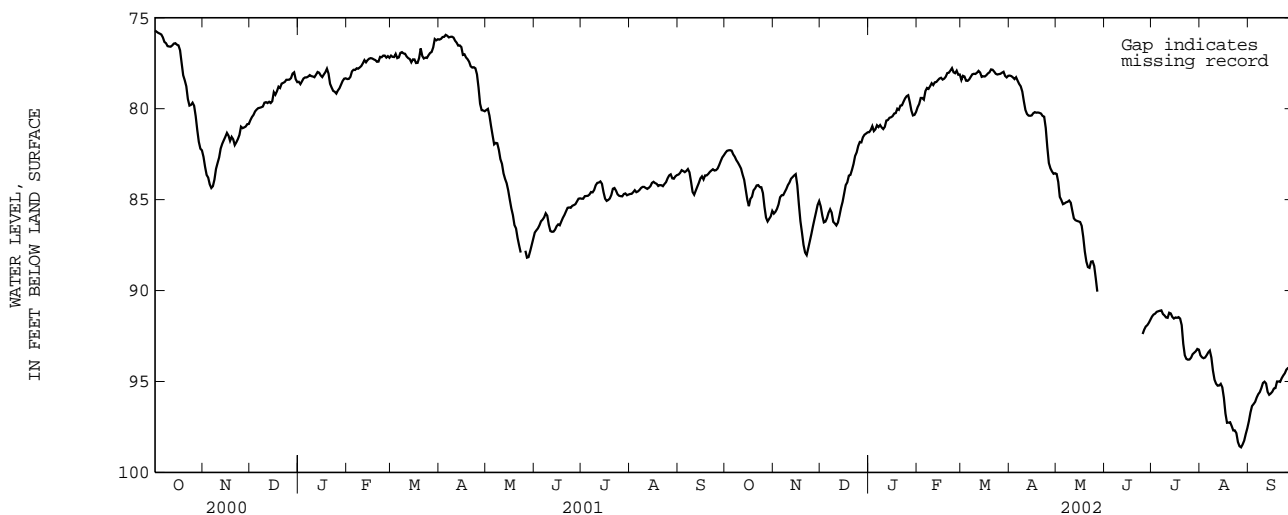
REMARKS.--Geophysical logs available in District files. Well logged to 1866 ft Jan 1990.

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 BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	82.43	85.77	85.37	81.29	79.92	78.42	78.18	83.59	---	91.43	93.56	97.18
2	82.32	85.67	85.88	81.17	79.74	78.19	78.21	84.03	---	91.32	93.67	96.71
3	82.29	85.51	86.25	80.96	79.41	78.23	78.28	84.85	---	91.27	93.72	96.35
4	82.28	85.26	86.21	81.23	79.41	78.46	78.37	85.03	---	91.17	93.68	96.24
5	82.31	84.87	86.02	81.13	79.50	78.47	78.27	85.25	---	91.14	93.55	96.12
6	82.51	84.76	85.72	80.91	79.03	78.39	78.46	85.21	---	91.11	93.40	95.88
7	82.64	84.75	85.53	81.01	78.86	78.25	78.64	85.15	---	91.09	93.30	95.70
8	82.83	84.58	85.71	80.90	78.91	78.11	78.77	85.12	---	91.29	93.68	95.58
9	82.96	84.41	86.22	81.03	78.76	78.08	79.06	85.05	---	91.37	94.40	95.36
10	83.12	84.20	86.31	81.12	78.60	78.09	79.60	85.17	---	91.48	94.90	95.08
11	83.29	84.06	86.42	81.00	78.70	78.02	80.07	85.61	---	91.50	95.12	95.01
12	83.62	83.85	86.26	80.65	78.55	77.92	80.29	86.03	---	91.22	95.23	95.11
13	83.91	83.76	85.88	80.62	78.53	78.01	80.38	86.13	---	91.26	95.22	95.57
14	84.45	83.67	85.45	80.50	78.43	78.25	80.39	86.17	---	91.45	95.13	95.73
15	85.00	83.60	85.12	80.47	78.34	78.22	80.37	86.20	---	91.54	95.32	95.66
16	85.36	84.21	84.66	80.41	78.30	78.23	80.25	86.23	---	91.48	95.90	95.56
17	84.96	85.25	84.20	80.27	78.40	78.16	80.19	86.44	---	91.50	96.76	95.39
18	84.84	86.18	84.05	80.24	78.35	78.06	80.22	87.05	---	91.46	97.27	95.36
19	84.49	86.82	83.68	80.00	78.24	78.00	80.21	87.85	---	91.54	97.26	95.00
20	84.38	87.49	83.64	80.06	78.04	77.84	80.23	88.41	---	91.90	97.24	95.00
21	84.22	87.91	83.36	79.83	78.02	77.86	80.27	88.71	---	92.93	97.45	95.02
22	84.20	88.05	83.04	79.81	77.90	77.96	80.40	88.75	---	93.56	97.69	94.82
23	84.31	87.68	82.60	79.61	77.77	78.08	80.44	88.41	---	93.76	97.69	94.67
24	84.32	87.29	82.40	79.43	78.00	78.12	81.06	88.39	---	93.80	97.84	94.55
25	84.64	86.90	82.05	79.31	78.05	78.10	82.12	88.65	92.39	93.79	98.33	94.35
26	85.39	86.47	81.83	79.26	77.91	78.08	82.99	89.32	92.15	93.69	98.56	94.26
27	85.99	86.07	81.85	79.64	78.13	78.02	83.28	90.06	91.98	93.50	98.62	94.23
28	86.20	85.69	81.57	80.10	78.12	77.97	83.45	---	91.90	93.42	98.46	94.31
29	86.06	85.29	81.43	80.37	---	78.20	83.58	---	91.77	93.34	98.25	94.20
30	85.92	85.08	81.37	80.34	---	78.28	83.55	---	91.60	93.21	97.89	94.05
31	85.62	---	81.30	80.18	---	78.19	---	---	---	93.25	97.57	---
MEAN	84.09	85.50	84.24	80.41	78.57	78.14	80.32	---	---	92.12	96.02	95.27
MAX	86.20	88.05	86.42	81.29	79.92	78.47	83.58	---	---	93.80	98.62	97.18
MIN	82.28	83.60	81.30	79.26	77.77	77.84	78.18	---	---	91.09	93.30	94.05



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.

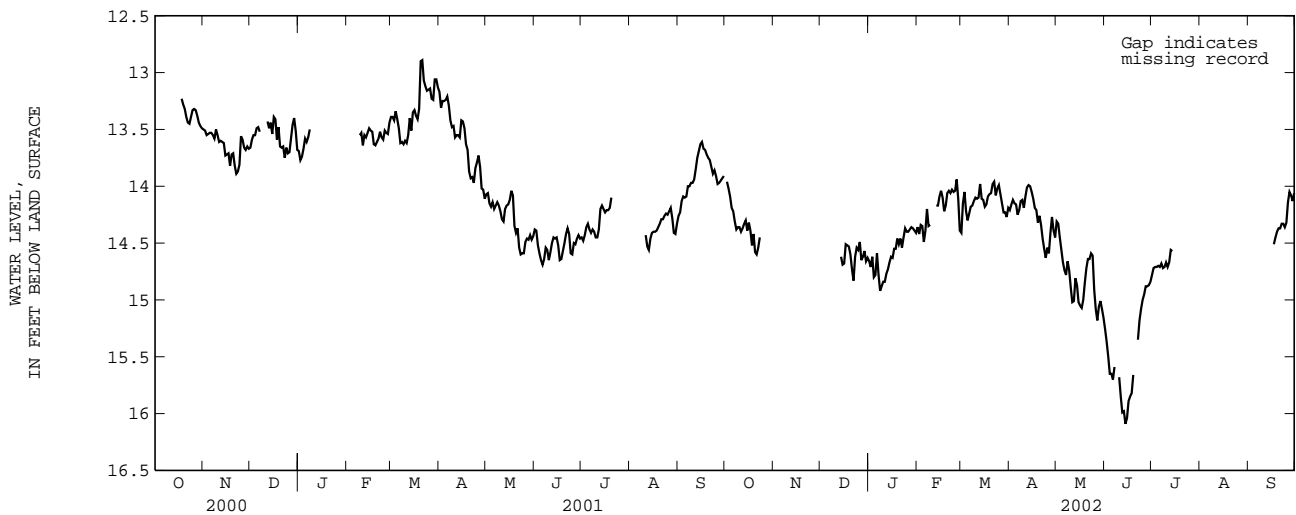
REMARKS.--Water-quality data available in District files. Gamma logged Feb. 15, 1980 to 91 ft. Gamma logged Dec. 18, 1979 to 90 ft.

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 BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	14.66	14.36	14.41	14.21	14.31	15.26	14.78	---	---
2	13.96	---	---	14.71	14.42	14.15	14.16	14.33	15.37	14.72	---	---
3	14.02	---	---	14.62	14.34	14.05	14.12	14.45	15.50	14.71	---	---
4	14.09	---	---	14.80	14.35	14.22	14.15	14.56	15.65	14.71	---	---
5	14.19	---	---	14.78	14.49	14.30	14.16	14.67	15.65	14.70	---	---
6	14.22	---	---	14.59	14.39	14.24	14.25	14.74	15.70	14.71	---	---
7	14.31	---	---	14.78	14.20	14.18	14.21	14.33	15.59	14.68	---	---
8	14.38	---	---	14.92	14.35	14.17	14.13	14.66	---	14.72	---	---
9	14.36	---	---	14.88	14.34	14.13	14.12	14.74	---	14.71	---	---
10	14.36	---	---	14.84	---	14.10	14.19	14.89	15.68	14.67	---	---
11	14.40	---	---	14.84	---	14.11	14.09	15.02	15.85	14.71	---	---
12	14.37	---	---	14.77	---	14.10	14.01	15.01	15.99	14.67	---	---
13	14.33	---	---	14.73	14.17	13.98	13.99	14.81	15.98	14.56	---	---
14	14.30	---	14.62	14.67	14.17	14.11	14.00	14.87	16.09	14.57	---	---
15	14.39	---	14.69	14.62	14.09	14.12	14.05	15.02	16.04	---	---	---
16	14.32	---	14.68	14.63	14.04	14.18	14.11	15.05	15.89	---	---	---
17	14.39	---	14.51	14.55	14.10	14.16	14.19	15.07	15.85	---	---	14.51
18	14.52	---	14.52	14.55	14.22	14.09	14.21	15.00	15.82	---	---	14.45
19	14.42	---	14.53	14.46	14.17	14.07	14.32	14.85	15.66	---	---	14.40
20	14.58	---	14.60	14.51	14.06	14.06	14.26	14.72	---	---	---	14.37
21	14.60	---	14.73	14.46	14.04	13.98	14.34	14.64	---	---	---	14.37
22	14.54	---	14.83	14.54	14.06	13.96	14.46	14.64	15.35	---	---	14.33
23	14.45	---	14.62	14.45	14.03	14.08	14.55	14.59	15.18	---	---	14.33
24	---	---	14.54	14.37	14.05	14.02	14.63	14.61	15.08	---	---	14.36
25	---	---	14.56	14.40	14.04	13.99	14.54	14.91	15.00	---	---	14.32
26	---	---	14.49	14.40	13.94	14.07	14.59	15.08	14.95	---	---	14.14
27	---	---	14.65	14.38	14.11	14.15	14.41	15.18	14.88	---	---	14.05
28	---	---	14.62	14.36	14.39	14.23	14.27	15.06	14.88	---	---	14.08
29	---	---	14.57	14.37	---	14.23	14.39	15.01	14.87	---	---	14.13
30	---	---	14.66	14.39	---	14.27	14.45	15.08	14.84	---	---	14.06
31	---	---	14.63	14.41	---	14.19	---	15.16	---	---	---	---
MEAN	---	---	---	14.59	---	14.13	14.25	14.82	---	---	---	---
MAX	---	---	---	14.92	---	14.41	14.63	15.18	---	---	---	---
MIN	---	---	---	14.36	---	13.96	13.99	14.31	---	---	---	---



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.

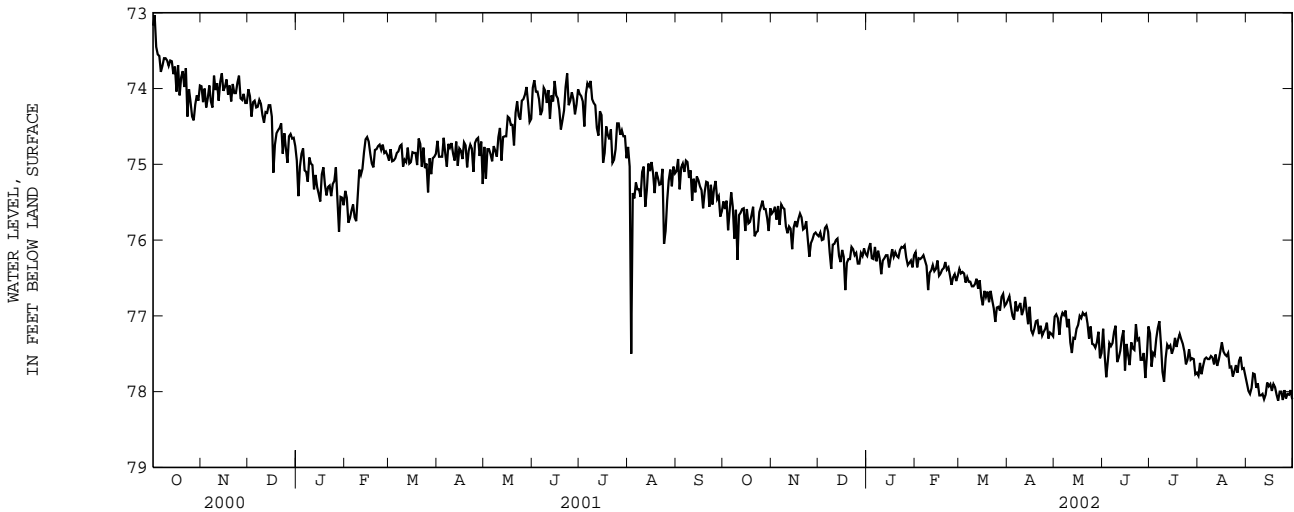
REMARKS.--Geophysical logs available in District files. Water levels are affected by nearby pumpage.

PERIOD OF RECORD.--March 1998 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 62.76 ft below land-surface datum, Jun. 5, 1998; lowest, 78.12 ft below land-surface datum, Sep. 21, 2002.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	75.49	75.65	75.95	76.21	76.16	76.38	76.79	77.01	77.17	77.23	77.79	77.89
2	75.59	75.62	75.90	76.11	76.36	76.44	76.74	76.98	77.52	77.67	77.62	77.99
3	75.48	75.56	76.00	76.04	76.24	76.42	76.88	77.03	77.81	77.49	77.77	78.03
4	75.87	75.73	75.99	76.24	76.25	76.44	77.00	77.25	77.60	77.52	77.66	77.95
5	75.61	75.55	75.84	76.25	76.23	76.56	77.05	77.03	77.36	77.30	77.57	77.76
6	75.37	75.80	75.81	76.09	76.20	76.49	76.81	76.96	77.40	77.16	77.55	77.77
7	75.56	75.53	75.89	76.28	76.27	76.55	76.94	76.99	77.36	77.07	77.57	77.95
8	75.98	75.57	76.16	76.14	76.34	76.55	76.88	76.93	77.21	77.37	77.57	77.89
9	75.60	75.59	76.38	76.24	76.66	76.61	76.83	77.15	77.13	77.74	77.53	78.05
10	76.26	75.82	76.06	76.45	76.43	76.61	76.99	77.04	77.61	77.87	77.55	78.05
11	75.67	75.91	76.05	76.27	76.40	76.58	76.92	77.35	77.55	77.56	77.64	78.03
12	75.64	75.82	76.00	76.24	76.33	76.51	76.75	77.49	77.46	77.38	77.51	78.10
13	75.59	75.85	75.98	76.20	76.41	76.64	76.93	77.29	77.29	77.42	77.66	78.04
14	75.58	76.12	76.21	76.20	76.38	76.53	77.11	77.30	77.19	77.39	77.58	77.88
15	75.88	75.83	76.29	76.36	76.27	76.75	76.88	77.17	77.72	77.50	77.47	77.93
16	75.59	75.75	76.13	76.24	76.47	76.86	77.19	77.12	77.37	77.43	77.35	77.90
17	75.78	75.83	76.22	76.12	76.44	76.67	77.24	77.00	77.52	77.29	77.47	77.99
18	75.76	75.72	76.66	76.22	76.39	76.75	77.17	77.03	77.65	77.41	77.51	77.90
19	75.67	75.65	76.30	76.16	76.37	76.68	77.07	76.96	77.35	77.31	77.53	77.94
20	75.56	75.70	76.25	76.21	76.29	76.82	77.06	76.99	77.43	77.24	77.49	78.04
21	75.95	75.86	76.25	76.23	76.39	76.67	77.24	76.97	77.45	77.31	77.68	78.12
22	75.90	75.84	76.09	76.13	76.36	76.79	77.13	77.10	77.11	77.37	77.67	78.00
23	75.88	75.75	76.12	76.09	76.47	76.90	77.26	77.30	77.32	77.47	77.80	78.00
24	75.63	75.99	76.20	76.10	76.59	77.08	77.21	77.14	77.30	77.64	77.73	78.11
25	75.56	76.22	76.17	76.07	76.49	76.89	77.17	77.37	77.58	77.58	77.65	77.98
26	75.48	76.04	76.31	76.23	76.45	76.88	77.09	77.38	77.58	77.44	77.75	78.09
27	75.59	75.99	76.31	76.33	76.54	76.93	77.30	77.42	77.52	77.58	77.59	78.03
28	75.59	75.92	76.17	76.30	76.47	76.75	77.22	77.35	77.82	77.56	77.54	78.04
29	75.71	75.90	76.21	76.27	---	76.71	77.24	77.21	77.53	77.57	77.70	77.98
30	75.88	75.93	76.11	76.36	---	76.87	77.27	77.56	77.14	77.77	77.69	78.10
31	75.58	---	76.18	76.20	---	76.84	---	77.49	---	77.75	77.79	---
MEAN	75.69	75.80	76.14	76.21	76.38	76.68	77.05	77.17	77.43	77.46	77.61	77.98
MAX	76.26	76.22	76.66	76.45	76.66	77.08	77.30	77.56	77.82	77.87	77.80	78.12
MIN	75.37	75.53	75.81	76.04	76.16	76.38	76.74	76.93	77.11	77.07	77.35	77.76





WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

CHESTER COUNTY

WELL NUMBER.--344000081250011. Local number, CTR-21.

LOCATION.--Lat 34°40'27'', long 81°24'55'', Hydrologic Unit 03050106, Northeast of Leeds, Leeds Fire Tower, 85 ft from center of fire tower. Owner: U.S. Forest Service.

AQUIFER.--Paleozoic Metaigneous Rocks.

WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 4 in, depth 98 ft, cased to 72 ft, open hole from 72 to 98 ft.

INSTRUMENTATION.--Data collection platform--60 minute collection interval.

DATUM.--Land-surface datum is 665 ft above sea level. Measuring point: Top of casing, 0.63 ft above land-surface datum.

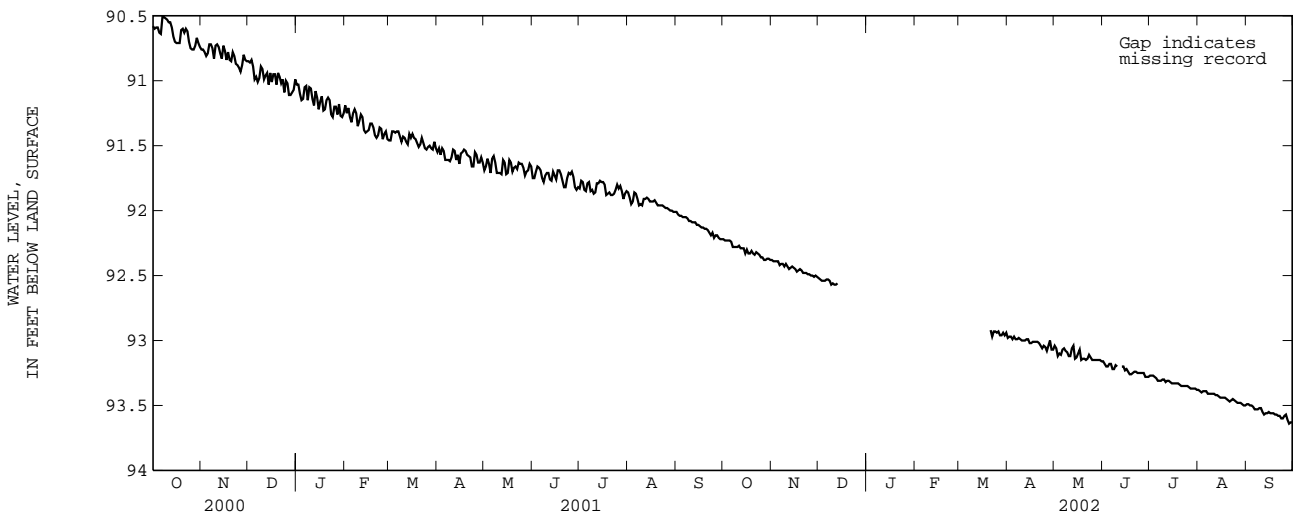
REMARKS.--Geophysical logs available in District files.

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

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 85.24 ft below land-surface datum, Jan. 5, 1994; lowest, 93.64 ft below land-surface datum, Sep. 28, 2002.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	92.22	92.38	92.52	---	---	---	92.98	93.04	93.16	93.27	93.38	93.49
2	92.23	92.39	92.53	---	---	---	92.97	93.06	93.18	93.27	93.39	93.49
3	92.23	92.39	92.54	---	---	---	92.97	93.12	93.20	93.27	93.40	93.50
4	92.23	92.39	92.54	---	---	---	92.99	93.10	93.20	93.28	93.39	93.50
5	92.23	92.39	92.54	---	---	---	92.97	93.11	93.18	93.29	93.39	93.51
6	92.24	92.42	92.53	---	---	---	92.99	93.07	93.18	93.31	93.39	93.53
7	92.28	92.41	92.53	---	---	---	92.99	93.06	93.22	93.31	93.41	93.53
8	92.28	92.41	92.54	---	---	---	92.98	93.08	93.22	93.31	93.41	93.53
9	92.28	92.43	92.57	---	---	---	92.99	93.09	93.19	93.30	93.41	93.52
10	92.28	92.41	92.56	---	---	---	93.00	93.12	93.20	93.30	93.41	93.52
11	92.27	92.43	92.57	---	---	---	93.00	93.12	---	93.32	93.41	93.55
12	92.29	92.45	92.57	---	---	---	93.00	93.06	---	93.31	93.42	93.57
13	92.29	92.44	92.56	---	---	---	92.99	93.04	93.20	93.31	93.42	93.56
14	92.29	92.43	---	---	---	---	92.99	93.14	93.20	93.32	93.43	93.56
15	92.33	92.44	---	---	---	---	93.02	93.13	93.23	93.33	93.44	93.55
16	92.30	92.45	---	---	---	---	93.02	93.10	93.22	93.33	93.44	93.56
17	92.33	92.47	---	---	---	---	93.01	93.07	93.24	93.33	93.44	93.56
18	92.33	92.46	---	---	---	---	93.01	93.15	93.26	93.33	93.44	93.56
19	92.31	92.45	---	---	---	---	93.01	93.14	93.26	93.33	93.45	93.57
20	92.33	92.46	---	---	---	---	93.01	93.14	93.25	93.34	93.46	93.57
21	92.34	92.48	---	---	---	92.92	93.02	93.15	93.24	93.35	93.47	93.58
22	92.32	92.48	---	---	---	92.97	93.04	93.14	93.24	93.35	93.46	93.58
23	92.33	92.48	---	---	---	92.93	93.06	93.11	93.25	93.35	93.45	93.60
24	92.34	92.49	---	---	---	92.93	93.04	93.13	93.25	93.35	93.46	93.60
25	92.36	92.49	---	---	---	92.94	93.05	93.15	93.25	93.35	93.47	93.58
26	92.36	92.50	---	---	---	92.93	93.08	93.15	93.25	93.36	93.48	93.57
27	92.38	92.50	---	---	---	92.96	93.04	93.15	93.25	93.37	93.48	93.61
28	92.38	92.51	---	---	---	92.96	93.00	93.15	93.28	93.37	93.48	93.64
29	92.37	92.50	---	---	---	92.94	93.07	93.15	93.28	93.37	93.49	93.63
30	92.37	92.51	---	---	---	92.96	93.07	93.15	93.28	93.37	93.50	93.63
31	92.38	---	---	---	---	92.94	---	93.16	---	93.38	93.50	---
MEAN	92.31	92.45	---	---	---	---	93.01	93.11	---	93.33	93.44	93.56
MAX	92.38	92.51	---	---	---	---	93.08	93.16	---	93.38	93.50	93.64
MIN	92.22	92.38	---	---	---	---	92.97	93.04	---	93.27	93.38	93.49



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.

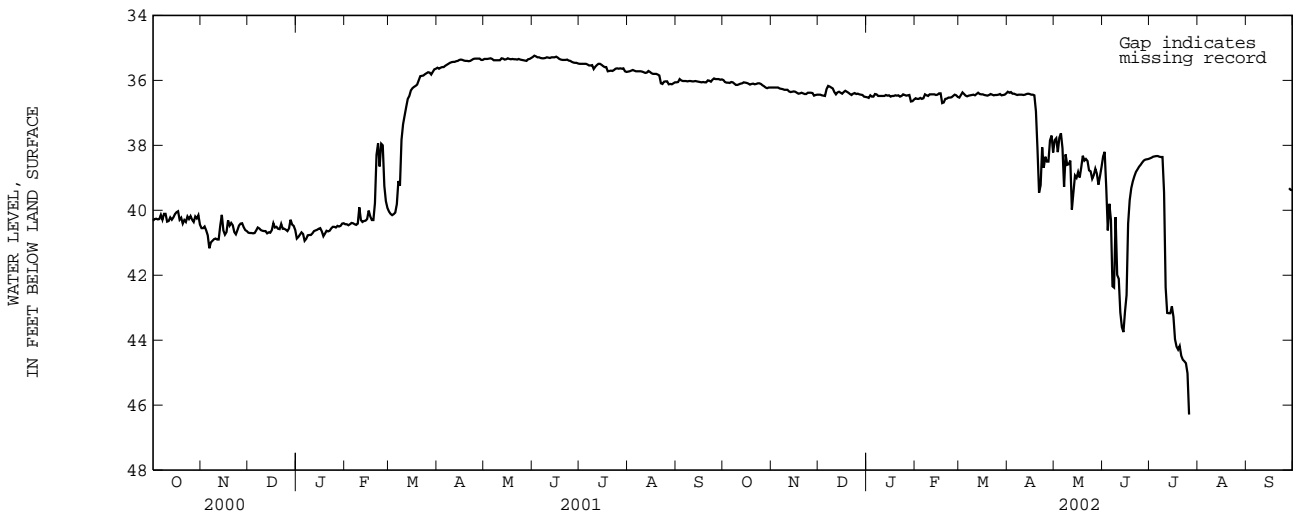
REMARKS.--Geophysical logs available and water-quality data are on file in District office. Water levels are affected by nearby pumpage.

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 BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	35.99	36.22	36.44	36.52	36.55	36.53	36.35	37.84	38.34	38.40	---	---
2	36.05	36.22	36.44	36.54	36.57	36.45	36.38	37.78	38.20	38.38	---	---
3	36.07	36.22	36.46	36.46	36.57	36.37	36.36	38.21	39.31	38.35	---	---
4	36.07	36.22	36.47	36.50	36.54	36.42	36.41	37.76	40.62	38.34	---	---
5	36.08	36.22	36.48	36.50	36.57	36.47	36.41	37.63	39.80	38.33	---	---
6	36.05	36.25	36.27	36.42	36.55	36.49	36.43	38.09	40.30	38.33	---	---
7	36.06	36.26	36.17	36.43	36.43	36.47	36.45	39.28	42.34	38.35	---	---
8	36.10	36.27	36.19	36.48	36.46	36.46	36.44	38.28	42.38	38.36	---	---
9	36.14	36.29	36.22	36.48	36.48	36.45	36.44	38.60	40.21	38.36	---	---
10	36.14	36.29	36.25	36.48	36.43	36.44	36.44	38.58	41.99	39.45	---	---
11	36.12	36.29	36.36	36.48	36.43	36.46	36.45	38.47	42.11	42.37	---	---
12	36.10	36.34	36.43	36.48	36.43	36.42	36.44	39.98	43.14	43.16	---	---
13	36.09	36.36	36.37	36.45	36.43	36.38	36.42	39.45	43.60	43.17	---	---
14	36.06	36.35	36.35	36.47	36.45	36.42	36.41	38.93	43.75	43.17	---	---
15	36.07	36.34	36.38	36.46	36.44	36.43	36.42	39.00	43.12	42.96	---	---
16	36.08	36.35	36.41	36.50	36.40	36.43	36.44	38.82	42.61	43.28	---	---
17	36.10	36.38	36.36	36.48	36.40	36.45	36.44	38.99	40.41	43.97	---	---
18	36.13	36.41	36.32	36.48	36.70	36.46	36.46	38.68	39.69	44.20	---	---
19	36.11	36.40	36.35	36.46	36.68	36.47	36.95	38.32	39.32	44.29	---	---
20	36.10	36.38	36.38	36.47	36.57	36.45	38.13	38.47	39.11	44.18	---	---
21	36.12	36.40	36.42	36.46	36.56	36.42	39.46	38.42	38.95	44.48	---	---
22	36.11	36.42	36.45	36.50	36.53	36.44	39.23	38.48	38.82	44.60	---	---
23	36.09	36.42	36.41	36.48	36.53	36.46	38.06	38.77	38.74	44.65	---	---
24	36.09	36.38	36.39	36.43	36.52	36.45	38.69	38.80	38.66	44.71	---	---
25	36.11	36.38	36.42	36.45	36.48	36.45	38.35	39.03	38.60	45.02	---	---
26	36.15	36.38	36.41	36.47	36.44	36.44	38.50	38.92	38.53	46.29	---	---
27	36.18	36.39	36.43	36.46	36.46	36.42	38.50	38.72	38.47	---	---	---
28	36.22	36.47	36.44	36.45	36.51	36.46	37.85	38.87	38.44	---	---	39.32
29	36.24	36.45	36.45	36.65	---	36.45	37.70	39.21	38.43	---	---	39.37
30	36.22	36.44	36.50	36.64	---	36.44	38.22	38.95	38.42	---	---	39.38
31	36.22	---	36.51	36.59	---	36.40	---	38.66	---	---	---	---
MEAN	36.11	36.34	36.38	36.49	36.50	36.44	37.17	38.64	40.21	---	---	---
MAX	36.24	36.47	36.51	36.65	36.70	36.53	39.46	39.98	43.75	---	---	---
MIN	35.99	36.22	36.17	36.42	36.40	36.37	36.35	37.63	38.20	---	---	---



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.

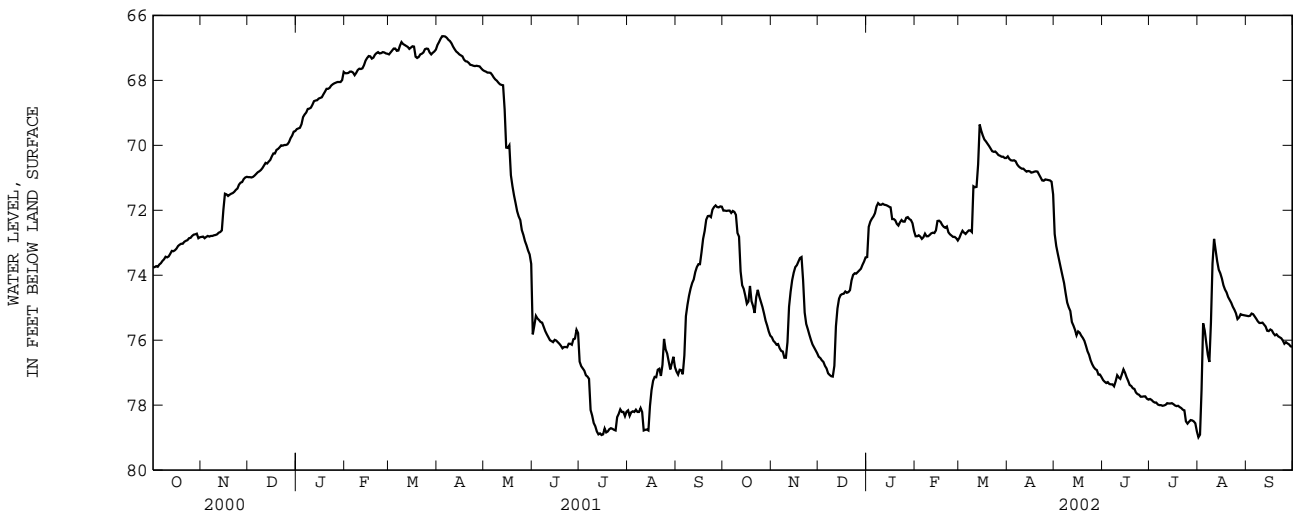
REMARKS.--1959 water-quality data on file in District office. Geophysical logged March 1959 to 800 ft, geophysical logged May 1982 to 695 ft. Water level affected by nearby pumpage.

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 BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	72.01	75.91	76.51	73.44	72.80	72.85	70.34	72.73	77.23	77.81	78.99	75.25
2	72.01	76.02	76.55	72.51	72.80	72.73	70.42	73.10	77.28	77.84	78.91	75.26
3	72.02	76.07	76.62	72.35	72.77	72.63	70.46	73.34	77.32	77.89	77.53	75.25
4	72.01	76.14	76.67	72.26	72.81	72.69	70.47	73.57	77.29	77.92	75.48	75.18
5	72.01	76.12	76.79	72.19	72.88	72.73	70.46	73.80	77.35	77.92	75.70	75.20
6	72.08	76.25	76.87	72.09	72.83	72.67	70.49	74.02	77.36	77.98	76.08	75.27
7	72.02	76.33	77.02	71.88	72.72	72.62	70.59	74.24	77.36	78.00	76.45	75.34
8	72.05	76.35	77.07	71.78	72.80	72.62	70.65	74.55	77.42	78.00	76.67	75.42
9	72.14	76.54	77.11	71.83	72.80	72.67	70.69	74.84	77.27	78.02	75.45	75.47
10	72.70	76.54	77.12	71.83	72.76	71.26	70.72	74.99	77.08	78.01	73.64	75.47
11	72.81	76.06	76.79	71.80	72.71	71.29	70.72	75.10	77.15	77.99	72.88	75.46
12	73.88	74.97	75.57	71.83	72.69	71.28	70.77	75.44	77.19	77.94	73.23	75.52
13	74.31	74.51	75.02	71.84	72.70	70.59	70.81	75.55	77.05	77.95	73.57	75.58
14	74.42	74.15	74.72	71.86	72.62	69.36	70.79	75.68	76.90	77.95	73.83	75.71
15	74.63	73.92	74.61	71.89	72.33	69.55	70.80	75.85	77.00	77.94	73.94	75.72
16	74.88	73.75	74.58	71.91	72.32	69.70	70.84	75.73	77.14	77.97	74.10	75.67
17	74.81	73.69	74.57	72.27	72.36	69.82	70.83	75.77	77.25	78.01	74.31	75.70
18	74.33	73.58	74.50	72.27	72.45	69.88	70.81	75.86	77.38	78.03	74.44	75.79
19	74.80	73.47	74.54	72.31	72.51	69.95	70.80	75.93	77.41	78.02	74.53	75.85
20	74.95	73.44	74.52	72.42	72.54	70.02	70.81	76.02	77.48	78.06	74.67	75.82
21	75.16	74.16	74.46	72.47	72.50	70.10	70.90	76.17	77.50	78.09	74.76	75.88
22	74.67	75.15	74.16	72.37	72.68	70.18	70.99	76.34	77.61	78.14	74.85	75.91
23	74.45	75.50	73.99	72.30	72.74	70.20	71.08	76.45	77.66	78.16	74.97	75.94
24	74.66	75.66	73.94	72.35	72.78	70.19	71.09	76.62	77.68	78.50	75.06	76.01
25	74.82	75.83	73.95	72.35	72.82	70.24	71.05	76.74	77.74	78.57	75.17	76.11
26	74.98	75.99	73.90	72.23	72.82	70.30	71.06	76.83	77.74	78.51	75.35	76.06
27	75.18	76.13	73.85	72.21	72.86	70.32	71.07	76.89	77.73	78.46	75.30	76.10
28	75.40	76.22	73.80	72.27	72.93	70.35	71.08	76.92	77.73	78.47	75.20	76.13
29	75.55	76.31	73.68	72.30	---	70.35	71.12	77.06	77.80	78.50	75.22	76.19
30	75.73	76.40	73.58	72.40	---	70.39	71.51	77.06	77.83	78.56	75.23	76.20
31	75.86	---	73.45	72.64	---	70.39	---	77.14	---	78.81	75.24	---
MEAN	73.91	75.37	75.18	72.21	72.69	70.97	70.81	75.49	77.40	78.13	75.19	75.68
MAX	75.86	76.54	77.12	73.44	72.93	72.85	71.51	77.14	77.83	78.81	78.99	76.20
MIN	72.01	73.44	73.45	71.78	72.32	69.36	70.34	72.73	76.90	77.81	72.88	75.18



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.

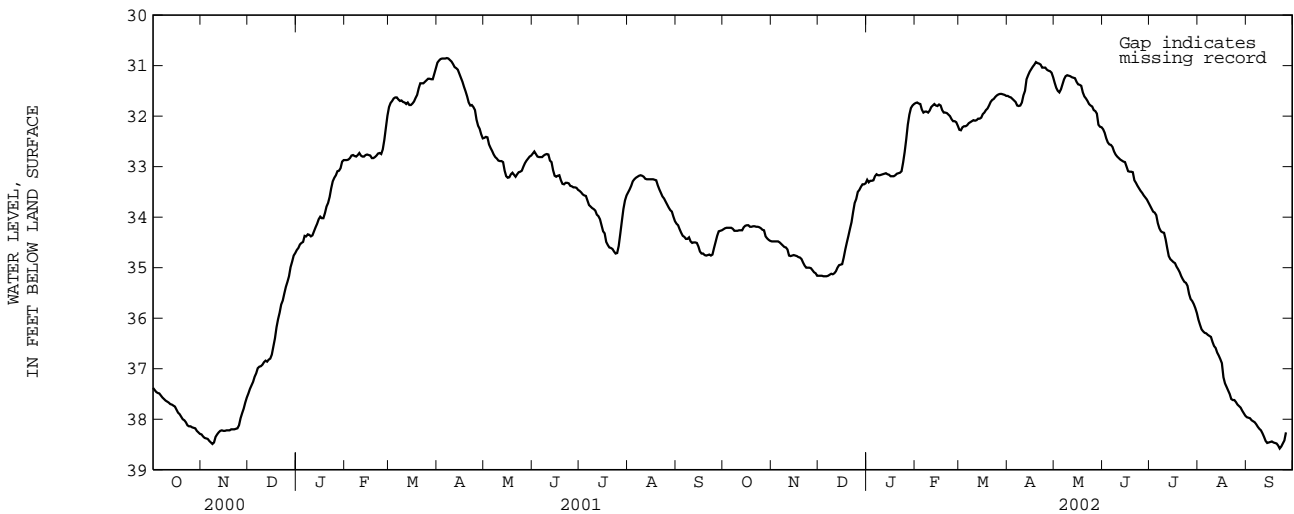
REMARKS.--Geophysical logs available in District files.

PERIOD OF RECORD.--October 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 26.58 ft below land-surface datum, Aug. 18 - 19, 1994; lowest, 38.58 ft below land-surface datum, Sep. 22, 2002.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	34.24	34.48	35.16	33.26	31.74	32.27	31.60	31.34	32.26	33.77	36.03	37.96
2	34.22	34.48	35.16	33.31	31.73	32.28	31.62	31.44	32.33	33.83	36.13	37.97
3	34.21	34.48	35.16	33.28	31.75	32.22	31.63	31.50	32.44	33.89	36.22	37.98
4	34.21	34.48	35.17	33.28	31.76	32.20	31.66	31.53	32.52	33.91	36.26	38.02
5	34.21	34.48	35.17	33.27	31.87	32.20	31.69	31.47	32.56	33.96	36.29	38.04
6	34.21	34.50	35.17	33.19	31.93	32.18	31.72	31.37	32.57	34.12	36.30	38.06
7	34.23	34.53	35.16	33.15	31.91	32.14	31.79	31.27	32.61	34.22	36.33	38.10
8	34.27	34.56	35.14	33.17	31.91	32.12	31.80	31.21	32.70	34.28	36.35	38.15
9	34.27	34.59	35.12	33.17	31.93	32.10	31.79	31.19	32.76	34.30	36.37	38.19
10	34.27	34.60	35.13	33.16	31.89	32.08	31.73	31.20	32.80	34.31	36.47	38.22
11	34.26	34.64	35.11	33.15	31.82	32.09	31.59	31.21	32.83	34.44	36.55	38.28
12	34.26	34.76	35.07	33.14	31.79	32.08	31.50	31.23	32.86	34.61	36.59	38.35
13	34.26	34.77	35.00	33.13	31.76	32.05	31.27	31.24	32.88	34.77	36.68	38.43
14	34.20	34.76	34.95	33.15	31.79	32.05	31.19	31.25	32.90	34.83	36.74	38.47
15	34.17	34.75	34.94	33.16	31.80	32.03	31.12	31.32	32.91	34.86	36.81	38.46
16	34.16	34.76	34.93	33.19	31.77	31.96	31.07	31.37	33.00	34.89	36.89	38.45
17	34.16	34.77	34.80	33.19	31.79	31.93	31.02	31.38	33.09	34.91	37.17	38.44
18	34.19	34.79	34.64	33.19	31.88	31.88	30.98	31.40	33.10	34.98	37.29	38.46
19	34.19	34.80	34.50	33.17	31.93	31.85	30.93	31.53	33.10	35.03	37.36	38.47
20	34.18	34.83	34.37	33.14	31.93	31.79	30.95	31.61	33.11	35.09	37.43	38.48
21	34.18	34.90	34.23	33.13	31.94	31.72	30.96	31.65	33.27	35.17	37.50	38.52
22	34.19	34.96	34.10	33.12	31.97	31.68	30.98	31.70	33.32	35.23	37.60	38.58
23	34.19	35.00	33.90	33.09	32.00	31.66	31.04	31.76	33.38	35.28	37.62	38.54
24	34.20	35.00	33.72	32.92	32.06	31.62	31.04	31.79	33.43	35.30	37.62	38.48
25	34.22	35.00	33.64	32.71	32.10	31.59	31.04	31.81	33.48	35.36	37.66	38.42
26	34.25	35.01	33.50	32.46	32.10	31.57	31.08	31.88	33.52	35.52	37.71	38.26
27	34.26	35.05	33.46	32.17	32.12	31.56	31.10	31.90	33.57	35.62	37.74	---
28	34.38	35.09	33.40	31.97	32.19	31.56	31.11	31.95	33.61	35.66	37.77	---
29	34.42	35.11	33.35	31.84	---	31.57	31.14	32.17	33.65	35.72	37.83	---
30	34.45	35.16	33.35	31.79	---	31.58	31.23	32.21	33.71	35.80	37.88	---
31	34.47	---	33.33	31.76	---	31.60	---	32.22	---	35.90	37.93	---
MEAN	34.24	34.77	34.51	32.93	31.90	31.91	31.31	31.55	33.01	34.82	37.00	---
MAX	34.47	35.16	35.17	33.31	32.19	32.28	31.80	32.22	33.71	35.90	37.93	---
MIN	34.16	34.48	33.33	31.76	31.73	31.56	30.93	31.19	32.26	33.77	36.03	---



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.

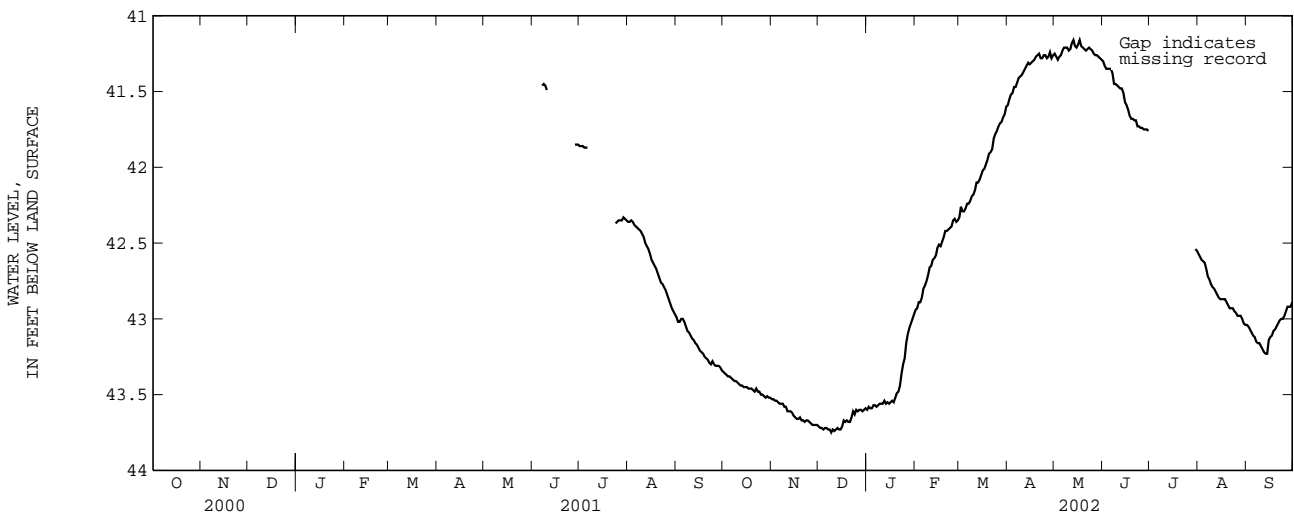
REMARKS.--Geophysical logs available in District files.

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

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 41.15 ft below land-surface datum, May 13, 17, 2002; lowest, 43.75 ft below land-surface datum, Dec. 9, 2001.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	43.35	43.53	43.71	43.60	42.94	42.33	41.59	41.25	41.30	---	42.57	43.04
2	43.36	43.53	43.72	43.58	42.93	42.26	41.55	41.27	41.33	---	42.59	43.05
3	43.37	43.54	43.72	43.59	42.89	42.29	41.52	41.29	41.35	---	42.61	43.07
4	43.38	43.54	43.73	43.59	42.89	42.29	41.51	41.27	41.35	---	42.62	43.09
5	43.38	43.55	43.72	43.57	42.86	42.27	41.47	41.26	41.35	---	42.63	43.11
6	43.39	43.56	43.72	43.57	42.80	42.24	41.47	41.23	41.35	---	42.67	43.12
7	43.40	43.56	43.73	43.58	42.78	42.24	41.44	41.21	41.38	---	42.72	43.15
8	43.41	43.56	43.73	43.57	42.75	42.22	41.41	41.21	41.45	---	42.74	43.16
9	43.41	43.58	43.75	43.56	42.71	42.19	41.40	41.21	41.45	---	42.77	43.16
10	43.42	43.58	43.73	43.56	42.66	42.18	41.39	41.23	41.46	---	42.79	43.18
11	43.43	43.61	43.74	43.56	42.65	42.15	41.37	41.22	41.47	---	42.80	43.20
12	43.44	43.61	43.73	43.54	42.61	42.10	41.35	41.18	41.48	---	42.82	43.22
13	43.44	43.61	43.72	43.56	42.60	42.10	41.33	41.16	41.48	---	42.84	43.23
14	43.45	43.62	43.73	43.55	42.58	42.08	41.31	41.20	41.51	---	42.86	43.23
15	43.45	43.64	43.73	43.56	42.53	42.05	41.32	41.21	41.57	---	42.87	43.14
16	43.45	43.65	43.71	43.55	42.51	42.02	41.31	41.19	41.59	---	42.87	43.12
17	43.46	43.66	43.67	43.54	42.52	42.01	41.30	41.16	41.62	---	42.87	43.11
18	43.46	43.66	43.68	43.55	42.49	41.98	41.29	41.20	41.66	---	42.87	43.08
19	43.46	43.65	43.67	43.52	42.46	41.95	41.27	41.21	41.68	---	42.89	43.07
20	43.47	43.67	43.68	43.49	42.42	41.91	41.26	41.22	41.68	---	42.91	43.05
21	43.48	43.67	43.68	43.48	42.42	41.90	41.25	41.23	41.69	---	42.93	43.03
22	43.46	43.68	43.65	43.44	42.41	41.88	41.28	41.22	41.69	---	42.93	43.01
23	43.48	43.67	43.61	43.36	42.40	41.81	41.28	41.21	41.73	---	42.93	43.00
24	43.48	43.67	43.63	43.30	42.39	41.78	41.26	41.22	41.73	---	42.95	43.00
25	43.50	43.68	43.60	43.26	42.35	41.76	41.26	41.23	41.74	---	42.96	42.98
26	43.50	43.69	43.61	43.16	42.34	41.73	41.28	41.25	41.74	---	42.98	42.95
27	43.51	43.70	43.60	43.10	42.36	41.71	41.27	41.26	41.75	---	42.98	42.92
28	43.52	43.70	43.60	43.06	42.35	41.70	41.24	41.26	41.75	---	42.98	42.92
29	43.51	43.70	43.61	43.03	---	41.67	41.28	41.27	41.75	---	43.00	42.92
30	43.52	43.70	43.60	43.00	---	41.65	41.26	41.28	41.76	42.54	43.03	42.89
31	43.52	---	43.59	42.97	---	41.60	---	41.29	---	42.55	43.04	---
MEAN	43.45	43.63	43.68	43.43	42.59	42.00	41.35	41.23	41.56	---	42.84	43.07
MAX	43.52	43.70	43.75	43.60	42.94	42.33	41.59	41.29	41.76	---	43.04	43.23
MIN	43.35	43.53	43.59	42.97	42.34	41.60	41.24	41.16	41.30	---	42.57	42.89



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: Bottom of shelter, 0.93 ft above land-surface datum (revised).

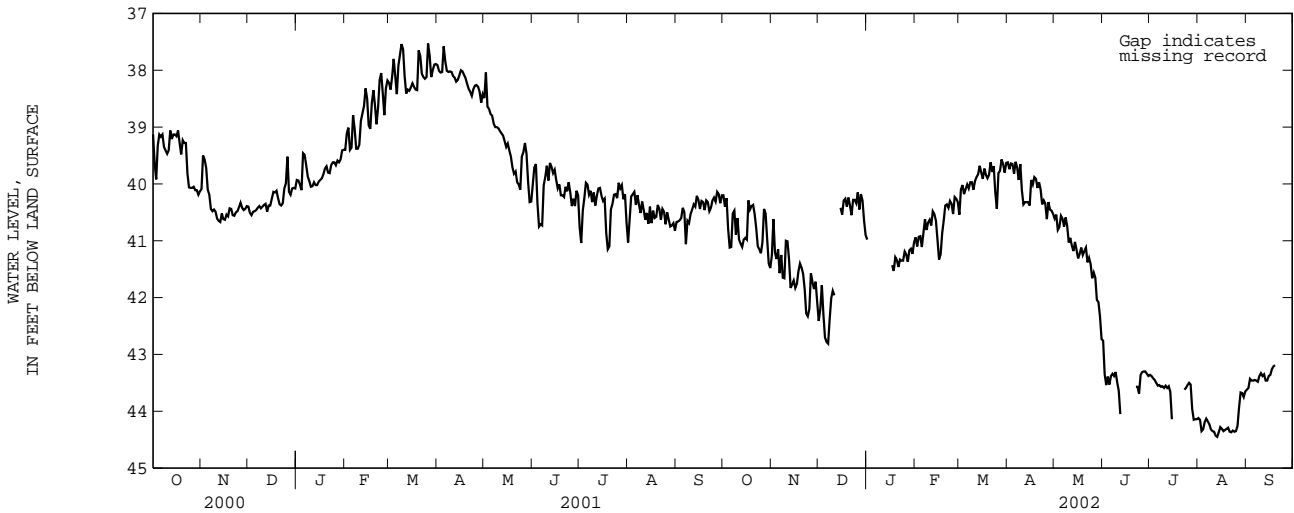
REMARKS.--Geophysical logs available in District files. Logged to a depth of 113 ft, August 1993 (original depth, 190 ft).

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 BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	40.20	41.26	42.41	40.98	40.94	40.54	39.62	40.61	42.76	43.36	44.12	43.62
2	40.40	40.62	42.20	---	41.10	40.10	39.74	40.54	43.35	43.38	44.15	43.59
3	40.25	41.21	41.78	---	40.93	40.02	39.64	40.81	43.54	43.42	44.35	43.43
4	40.78	41.32	42.30	---	40.92	40.18	39.65	40.76	43.39	43.45	44.32	43.46
5	41.12	41.15	42.70	---	41.11	40.09	39.82	40.56	43.53	43.50	44.19	43.46
6	41.11	41.57	42.78	---	40.86	40.01	39.61	40.61	43.38	43.55	44.13	43.45
7	40.52	41.25	42.81	---	40.62	40.08	39.71	40.75	43.34	43.54	44.18	43.46
8	40.47	41.65	42.38	---	40.81	39.97	39.93	40.59	43.38	43.57	44.23	43.48
9	40.89	41.66	42.01	---	40.68	39.97	39.65	40.74	43.31	43.56	44.32	43.38
10	40.60	41.00	41.88	---	40.63	40.10	40.11	41.03	43.49	43.59	44.35	43.33
11	40.98	41.01	41.96	---	40.73	39.95	40.36	40.95	43.64	43.55	44.36	43.38
12	41.05	41.33	---	---	40.48	39.88	40.32	41.09	44.05	43.59	44.43	43.35
13	41.11	41.83	---	---	40.53	39.83	40.32	41.18	---	43.56	44.45	43.46
14	40.98	41.77	---	---	40.65	39.68	40.32	41.02	---	43.66	44.37	43.46
15	40.95	41.70	40.42	---	40.98	39.80	40.38	41.16	---	44.14	44.28	43.38
16	40.98	41.83	40.54	---	41.33	39.91	39.93	41.31	---	---	44.31	43.36
17	40.29	41.76	40.29	41.43	41.24	39.73	40.01	41.23	---	---	44.35	43.26
18	40.45	41.54	40.26	41.53	40.87	39.84	39.88	41.12	---	---	44.33	43.21
19	40.39	41.40	40.40	41.29	40.64	39.90	39.91	41.25	---	---	44.31	43.19
20	40.37	41.47	40.24	41.34	40.38	39.84	40.07	41.18	---	---	44.29	---
21	40.53	41.58	40.38	41.46	40.36	39.62	39.97	41.12	---	---	44.36	---
22	40.78	41.85	40.55	41.33	40.42	39.79	40.10	41.38	43.57	---	44.37	---
23	41.10	42.28	40.28	41.35	40.30	39.69	40.36	41.30	43.57	43.62	44.34	---
24	41.15	42.33	40.28	41.35	40.35	40.15	40.29	41.41	43.69	43.59	44.36	---
25	41.22	42.20	40.34	41.19	40.53	40.44	40.35	41.66	43.36	43.54	44.35	---
26	41.02	41.57	40.15	41.24	40.23	39.81	40.62	41.56	43.31	43.50	44.26	---
27	40.44	41.73	40.45	41.37	40.26	39.77	40.32	41.65	43.30	43.53	43.93	---
28	40.52	41.85	40.18	41.17	40.32	39.57	40.45	42.04	43.30	43.96	43.67	---
29	40.97	41.72	40.29	41.14	---	39.65	40.47	42.08	43.34	44.15	43.68	---
30	41.40	42.07	40.64	41.23	---	39.80	40.53	42.33	43.38	44.14	43.75	---
31	41.48	---	40.90	41.03	---	39.63	---	42.73	---	44.14	43.65	---
MEAN	40.79	41.58	---	---	40.69	39.91	40.08	41.22	---	---	44.21	---
MAX	41.48	42.33	---	---	41.33	40.54	40.62	42.73	---	---	44.45	---
MIN	40.20	40.62	---	---	40.23	39.57	39.61	40.54	---	---	43.65	---



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.

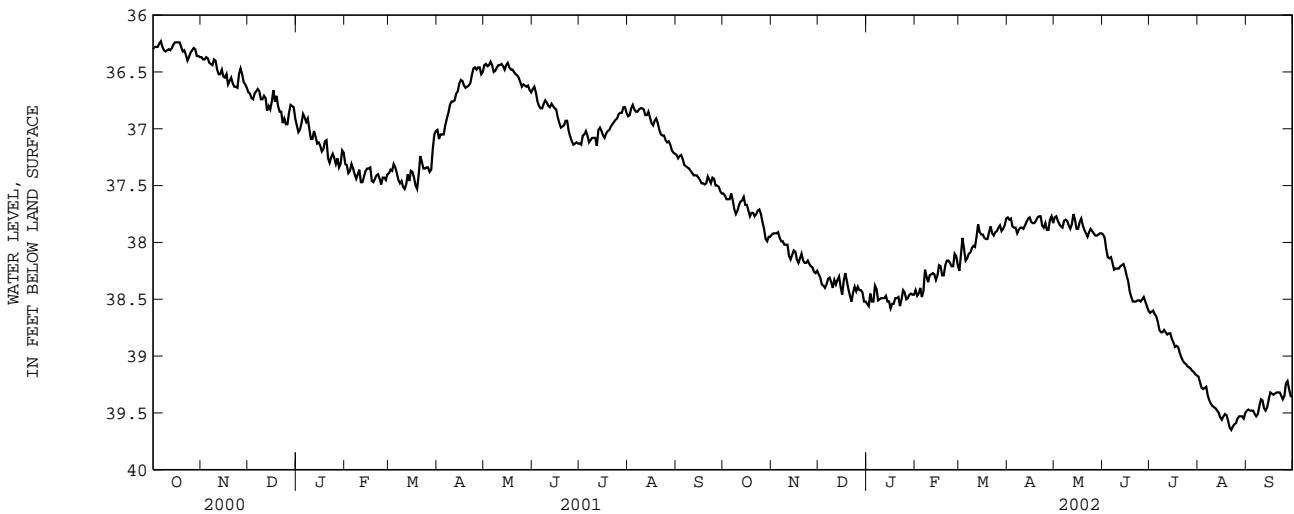
REMARKS.--Geophysical logs available in District files.

PERIOD OF RECORD.--October 1993 to current year.

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 BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	37.57	37.93	38.28	38.54	38.42	38.25	37.78	37.78	37.93	38.62	39.18	39.48
2	37.59	37.92	38.31	38.56	38.47	38.11	37.80	37.77	37.96	38.61	39.23	39.47
3	37.62	37.92	38.37	38.45	38.45	37.96	37.79	37.81	38.06	38.60	39.28	39.48
4	37.62	37.92	38.38	38.52	38.40	38.06	37.86	37.84	38.13	38.63	39.29	39.48
5	37.62	37.91	38.40	38.52	38.48	38.16	37.87	37.86	38.14	38.65	39.28	39.48
6	37.57	37.96	38.37	38.38	38.43	38.14	37.87	37.87	38.13	38.70	39.27	39.51
7	37.63	37.99	38.32	38.41	38.24	38.10	37.92	37.81	38.18	38.77	39.35	39.53
8	37.71	37.99	38.31	38.51	38.30	38.09	37.89	37.80	38.24	38.79	39.39	39.51
9	37.75	38.02	38.35	38.50	38.35	38.05	37.87	37.81	38.23	38.79	39.42	39.44
10	37.72	38.02	38.40	38.49	38.29	38.03	37.87	37.85	38.23	38.77	39.44	39.38
11	37.67	38.02	38.33	38.49	38.28	38.04	37.88	37.88	38.23	38.79	39.45	39.39
12	37.64	38.12	38.37	38.49	38.27	37.95	37.85	37.84	38.21	38.81	39.46	39.46
13	37.63	38.15	38.33	38.47	38.28	37.84	37.82	37.75	38.20	38.80	39.48	39.48
14	37.60	38.11	38.30	38.52	38.33	37.91	37.79	37.80	38.19	38.80	39.50	39.45
15	37.67	38.07	38.39	38.52	38.29	37.93	37.78	37.88	38.23	38.85	39.54	39.38
16	37.67	38.08	38.46	38.58	38.20	37.93	37.82	37.88	38.29	38.88	39.56	39.32
17	37.72	38.15	38.34	38.54	38.21	37.96	37.83	37.82	38.34	38.92	39.53	39.33
18	37.77	38.18	38.27	38.54	38.29	37.97	37.83	37.79	38.43	38.91	39.51	39.34
19	37.74	38.14	38.34	38.49	38.29	37.97	37.81	37.85	38.48	38.92	39.52	39.33
20	37.74	38.10	38.41	38.49	38.20	37.91	37.78	37.89	38.52	38.97	39.57	39.32
21	37.77	38.16	38.47	38.48	38.16	37.86	37.77	37.92	38.52	39.01	39.63	39.32
22	37.75	38.18	38.52	38.56	38.16	37.92	37.77	37.95	38.52	39.04	39.65	39.32
23	37.72	38.18	38.44	38.50	38.18	37.94	37.85	37.91	38.51	39.06	39.62	39.35
24	37.71	38.16	38.39	38.42	38.21	37.91	37.88	37.88	38.51	39.07	39.60	39.38
25	37.75	38.19	38.43	38.44	38.21	37.90	37.83	37.90	38.52	39.09	39.59	39.35
26	37.82	38.21	38.39	38.50	38.10	37.87	37.89	37.92	38.50	39.10	39.55	39.24
27	37.88	38.22	38.42	38.49	38.12	37.85	37.89	37.94	38.48	39.11	39.53	39.22
28	37.97	38.26	38.42	38.46	38.20	37.90	37.80	37.94	38.52	39.13	39.53	39.29
29	37.99	38.27	38.44	38.45	---	37.88	37.77	37.93	38.56	39.14	39.53	39.35
30	37.95	38.25	38.52	38.46	---	37.85	37.83	37.92	38.60	39.16	39.55	39.36
31	37.95	---	38.52	38.46	---	37.79	---	37.92	---	39.17	39.50	---
MEAN	37.73	38.09	38.39	38.49	38.28	37.97	37.83	37.86	38.32	38.89	39.47	39.39
MAX	37.99	38.27	38.52	38.58	38.48	38.25	37.92	37.95	38.60	39.17	39.65	39.53
MIN	37.57	37.91	38.27	38.38	38.10	37.79	37.77	37.75	37.93	38.60	39.18	39.22



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.

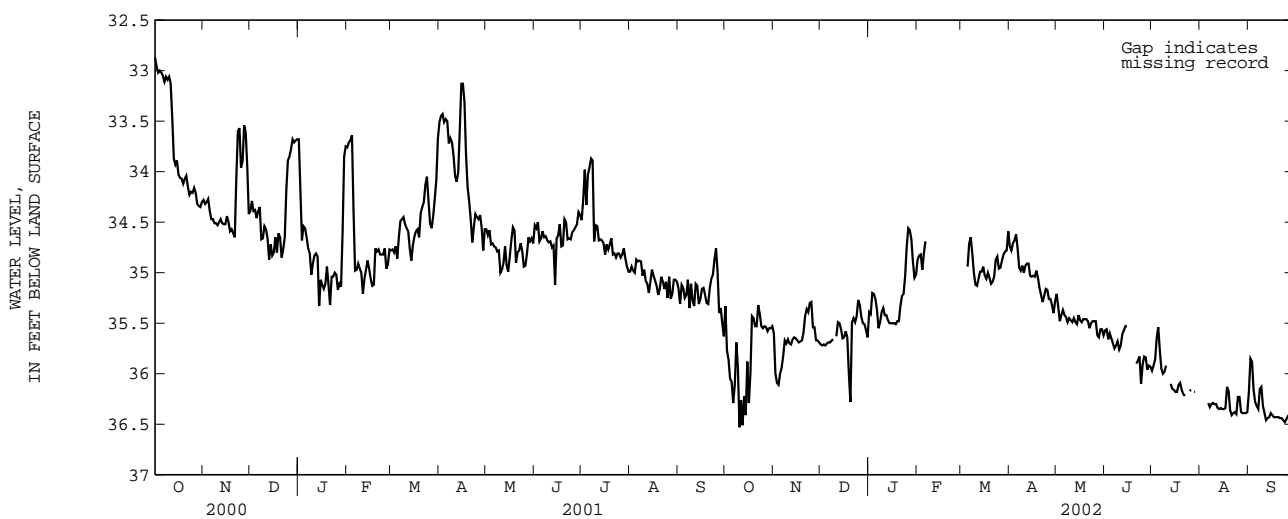
REMARKS.--1957 water-quality data on file in District office. Water level affected by nearby pumpage.

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, 36.53 ft below land-surface datum, Oct. 10, 2001.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	35.33	35.60	35.71	35.39	34.87	---	34.74	35.21	35.57	35.97	---	36.18
2	35.77	36.00	35.72	35.41	34.83	---	34.78	35.34	35.56	35.92	---	35.85
3	35.86	36.09	35.71	35.20	34.82	---	34.71	35.48	35.66	35.86	---	35.88
4	36.05	36.11	35.72	35.21	34.97	---	34.68	35.42	35.60	35.65	---	36.16
5	36.08	36.00	35.70	35.26	34.81	34.94	34.62	35.37	35.65	35.54	---	36.28
6	36.29	35.94	35.69	35.37	34.69	34.71	34.76	35.42	35.70	35.77	36.29	36.32
7	36.11	35.82	35.69	35.55	---	34.65	34.95	35.44	35.75	35.95	36.33	36.35
8	35.69	35.67	35.67	35.49	---	34.81	34.98	35.49	35.72	36.00	36.30	36.15
9	35.94	35.70	35.66	35.39	---	35.00	34.93	35.45	35.68	35.98	36.29	36.13
10	36.53	35.66	---	35.35	---	35.12	35.00	35.47	35.76	35.92	36.30	36.32
11	36.26	35.70	35.63	35.42	---	35.13	34.93	35.49	35.72	---	36.30	36.39
12	36.51	35.71	35.49	35.42	---	35.06	34.91	35.45	35.61	---	36.34	36.46
13	36.22	35.66	35.50	35.47	---	34.99	34.91	35.49	35.57	36.10	36.35	36.44
14	36.41	35.64	35.56	35.50	---	34.99	35.03	35.51	35.53	36.15	36.34	36.43
15	35.88	35.65	35.65	35.50	---	34.94	35.04	35.42	35.53	36.16	36.35	36.39
16	36.29	35.67	35.64	35.50	---	35.03	35.03	35.47	---	36.18	36.35	36.41
17	36.00	35.69	35.58	35.50	---	35.06	35.04	35.49	---	36.18	36.34	36.43
18	35.43	35.68	35.64	35.51	---	35.00	34.98	35.46	---	36.11	36.13	36.43
19	35.45	35.67	36.00	35.48	---	35.05	35.05	35.46	---	36.09	36.17	36.43
20	35.53	35.59	36.28	35.48	---	35.11	35.15	35.46	---	36.16	36.36	36.43
21	35.53	35.43	35.49	35.33	---	35.09	35.22	35.48	35.90	36.20	36.41	36.44
22	35.32	35.36	35.45	35.23	---	35.04	35.29	35.55	35.87	36.22	36.39	36.44
23	35.41	35.39	35.49	35.21	---	34.87	35.23	35.50	35.83	---	36.38	36.46
24	35.53	35.30	35.43	35.04	---	34.84	35.16	35.48	36.10	---	36.40	36.48
25	35.55	35.29	35.27	34.75	---	34.96	35.17	35.48	35.91	36.17	36.23	36.45
26	35.53	35.54	35.32	34.56	---	34.95	35.26	35.48	35.83	36.16	36.23	36.42
27	35.54	35.54	35.44	34.58	---	34.88	35.26	35.62	35.84	---	36.38	36.43
28	35.58	35.67	35.50	34.67	---	34.82	35.32	35.64	35.96	36.18	36.39	36.49
29	35.55	35.67	35.51	34.89	---	34.79	35.40	35.56	35.92	---	36.39	36.51
30	35.55	35.69	35.57	35.05	---	34.78	35.28	35.56	35.93	---	36.39	36.51
31	35.53	---	35.64	35.02	---	34.59	---	35.62	---	---	36.38	---
MEAN	35.81	35.67	---	35.25	---	---	35.03	35.48	---	---	---	36.35
MAX	36.53	36.11	---	35.55	---	---	35.40	35.64	---	---	---	36.51
MIN	35.32	35.29	---	34.56	---	---	34.62	35.21	---	---	---	35.85





WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

MARLBORO COUNTY--Continued

WELL NUMBER.--343715079411500. Local number, MLB-112/134.

LOCATION.--Lat 34°37'35'', long 79°41'22'', Hydrologic Unit 03040201, Marlboro County Recreation Department Building, in Bennettsville. Owner: Town of Bennettsville.

AQUIFER.--Middenforf and Cape Fear.

WELL CHARACTERISTICS.--Drilled observation well, diameter 8 in, depth 345 ft, perforated 220-320 ft, screened interval 320- 335 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute collection interval.

DATUM.--Land-surface datum is 135 ft above sea level. Measuring point: Top of casing, 1.20 ft above land-surface datum.

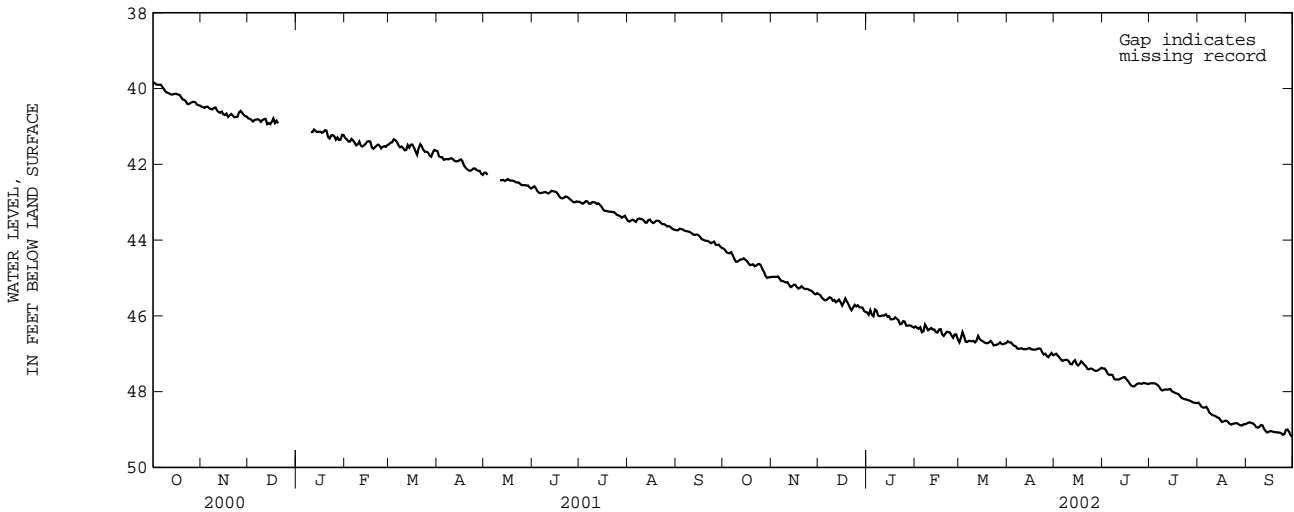
REMARKS.--1971 Gamma and Caliper logged to 297 ft.

PERIOD OF RECORD.--January 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest 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 BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.81	4.33	4.16	4.22	3.42	3.66	3.52	4.21	4.70	5.37	5.41	4.68
2	3.88	4.36	4.17	4.21	3.48	3.54	3.59	4.22	4.73	5.39	5.44	4.66
3	3.94	4.37	4.19	4.13	3.48	3.34	3.62	4.28	4.77	5.41	5.47	4.68
4	3.98	4.36	4.19	4.08	3.50	3.42	3.68	4.12	4.82	5.43	5.52	4.71
5	4.00	4.38	4.19	4.05	3.56	3.46	3.72	4.00	4.86	5.45	5.56	4.74
6	3.88	4.42	4.20	3.84	3.55	3.48	3.79	4.00	4.89	5.47	5.61	4.77
7	3.78	4.41	4.20	3.70	3.15	3.49	3.84	4.01	4.87	5.49	5.64	4.79
8	3.85	4.41	4.20	3.76	3.05	3.52	3.86	4.07	4.87	5.51	5.68	4.80
9	3.90	4.42	4.22	3.77	3.10	3.49	3.89	4.13	4.89	5.53	5.71	4.82
10	3.94	4.42	4.22	3.79	3.12	3.47	3.86	4.24	4.94	5.55	5.73	4.87
11	3.96	4.43	4.14	3.80	3.17	3.51	3.82	4.28	4.98	5.56	5.75	4.91
12	3.96	4.47	4.14	3.80	3.21	3.55	3.80	4.26	4.98	5.56	5.77	4.97
13	3.99	4.50	4.13	3.73	3.26	3.65	3.78	4.24	5.03	5.57	5.79	4.95
14	3.96	4.51	4.12	3.74	3.31	3.71	3.79	4.27	5.03	5.55	5.76	4.70
15	3.93	4.47	4.14	3.75	3.32	3.77	3.83	4.34	5.03	5.45	5.69	4.48
16	3.96	4.48	4.15	3.78	3.33	3.84	3.88	4.43	5.06	5.47	5.60	4.42
17	4.03	4.50	4.13	3.77	3.37	3.87	3.94	4.48	5.09	5.54	5.47	4.45
18	4.04	4.50	4.08	3.79	3.43	3.88	3.97	4.43	5.14	5.56	5.25	4.48
19	4.05	4.50	4.10	3.75	3.44	3.90	4.01	4.39	5.16	5.58	5.28	4.54
20	4.07	4.54	4.13	3.57	3.44	3.90	4.02	4.41	5.18	5.63	5.29	4.56
21	4.09	4.55	4.14	3.53	3.46	3.82	4.03	4.44	5.20	5.66	5.31	4.55
22	4.09	4.52	4.15	3.50	3.49	3.84	4.07	4.49	5.22	5.66	5.34	4.58
23	4.12	4.53	4.13	3.33	3.51	3.86	4.14	4.50	5.23	5.54	5.36	4.62
24	4.16	4.20	4.13	3.20	3.56	3.88	4.17	4.56	5.23	5.36	5.35	4.68
25	4.19	4.13	4.15	3.24	3.57	3.91	4.01	4.60	5.26	5.35	5.15	4.68
26	4.22	4.14	4.14	3.28	3.57	3.91	4.02	4.61	5.27	5.32	5.15	4.59
27	4.24	4.14	4.16	3.31	3.61	3.91	4.07	4.66	5.28	5.29	4.96	4.49
28	4.26	4.15	4.16	3.34	3.63	3.94	4.07	4.66	5.29	5.31	4.88	4.52
29	4.26	4.15	4.18	3.37	---	3.94	4.13	4.67	5.30	5.34	4.80	4.56
30	4.26	4.15	4.20	3.39	---	3.94	4.23	4.66	5.33	5.39	4.79	4.58
31	4.29	---	4.21	3.41	---	3.87	---	4.66	---	5.43	4.73	---
MEAN	4.04	4.38	4.16	3.68	3.40	3.72	3.90	4.37	5.05	5.47	5.39	4.66
MAX	4.29	4.55	4.22	4.22	3.63	3.94	4.23	4.67	5.33	5.66	5.79	4.97
MIN	3.78	4.13	4.08	3.20	3.05	3.34	3.52	4.00	4.70	5.29	4.73	4.42



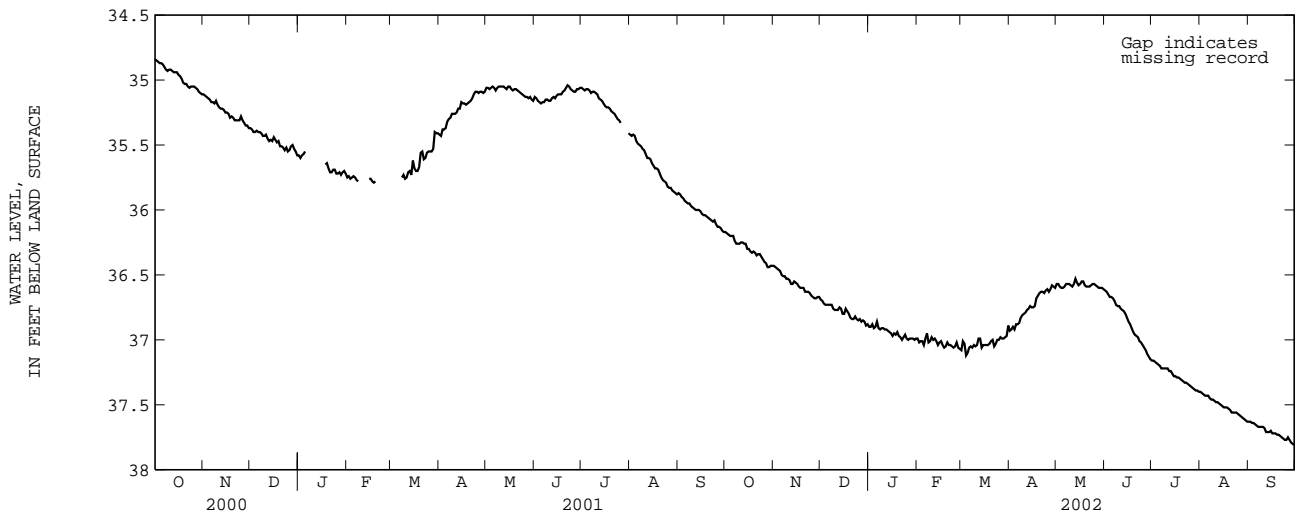
WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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, 37.81 ft below land-surface datum, Sep. 30, 2002.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	36.17	36.43	36.69	36.90	36.99	37.08	36.93	36.57	36.62	37.16	37.40	37.63
2	36.18	36.44	36.70	36.90	37.02	37.01	36.92	36.57	36.63	37.16	37.41	37.63
3	36.19	36.45	36.72	36.88	37.01	37.03	36.90	36.59	36.65	37.17	37.42	37.64
4	36.20	36.46	36.73	36.91	37.01	37.12	36.92	36.60	36.67	37.18	37.43	37.64
5	36.20	36.47	36.73	36.90	37.04	37.10	36.88	36.60	36.67	37.19	37.43	37.65
6	36.20	36.50	36.73	36.86	36.99	37.06	36.88	36.59	36.68	37.20	37.43	37.66
7	36.24	36.51	36.73	36.91	36.95	37.05	36.87	36.57	36.70	37.22	37.45	37.67
8	36.26	36.51	36.73	36.92	37.02	37.06	36.83	36.57	36.73	37.22	37.46	37.67
9	36.26	36.53	36.76	36.91	37.01	37.04	36.81	36.57	36.74	37.22	37.46	37.67
10	36.26	36.53	36.77	36.91	36.98	37.05	36.80	36.58	36.74	37.22	37.47	37.67
11	36.25	36.54	36.77	36.92	37.00	37.04	36.79	36.59	36.76	37.22	37.48	37.68
12	36.25	36.57	36.77	36.92	36.99	37.04	36.77	36.57	36.77	37.24	37.48	37.71
13	36.26	36.57	36.75	36.93	37.01	36.99	36.76	36.53	36.78	37.24	37.49	37.71
14	36.26	36.55	36.76	36.94	37.04	37.06	36.74	36.56	36.80	37.26	37.50	37.71
15	36.30	36.56	36.80	36.95	37.02	37.04	36.75	36.58	36.83	37.28	37.51	37.70
16	36.30	36.57	36.80	36.97	37.01	37.04	36.75	36.57	36.86	37.28	37.52	37.72
17	36.32	36.59	36.76	36.95	37.04	37.04	36.74	36.55	36.88	37.29	37.52	37.72
18	36.33	36.60	36.78	36.96	37.06	37.04	36.68	36.55	36.91	37.29	37.52	37.72
19	36.32	36.60	36.80	36.94	37.05	37.03	36.66	36.58	36.94	37.30	37.53	37.73
20	36.33	36.60	36.83	36.97	37.02	37.01	36.64	36.59	36.96	37.31	37.54	37.73
21	36.35	36.63	36.84	36.98	37.04	37.00	36.63	36.59	36.97	37.32	37.56	37.74
22	36.34	36.63	36.84	37.00	37.04	37.05	36.63	36.59	36.98	37.33	37.56	37.75
23	36.34	36.63	36.82	36.98	37.05	37.03	36.64	36.58	37.01	37.33	37.56	37.76
24	36.36	36.64	36.84	36.96	37.06	37.00	36.62	36.57	37.02	37.34	37.56	37.77
25	36.38	36.66	36.85	36.99	37.05	37.00	36.61	36.57	37.04	37.35	37.57	37.77
26	36.40	36.67	36.84	37.00	37.02	36.98	36.63	36.58	37.06	37.36	37.58	37.75
27	36.41	36.68	36.86	36.99	37.06	36.99	36.61	36.59	37.08	37.37	37.59	37.77
28	36.44	36.68	36.85	36.99	37.07	36.99	36.58	36.60	37.11	37.38	37.60	37.79
29	36.44	36.67	36.86	36.99	---	36.98	36.59	36.60	37.13	37.39	37.61	37.80
30	36.43	36.67	36.89	37.00	---	36.97	36.60	36.60	37.15	37.39	37.62	37.81
31	36.43	---	36.88	36.99	---	36.89	---	36.61	---	37.40	37.63	---
MEAN	36.30	36.57	36.79	36.95	37.02	37.02	36.74	36.58	36.86	37.28	37.51	37.71
MAX	36.44	36.68	36.89	37.00	37.07	37.12	36.93	36.61	37.15	37.40	37.63	37.81
MIN	36.17	36.43	36.69	36.86	36.95	36.89	36.58	36.53	36.62	37.16	37.40	37.63



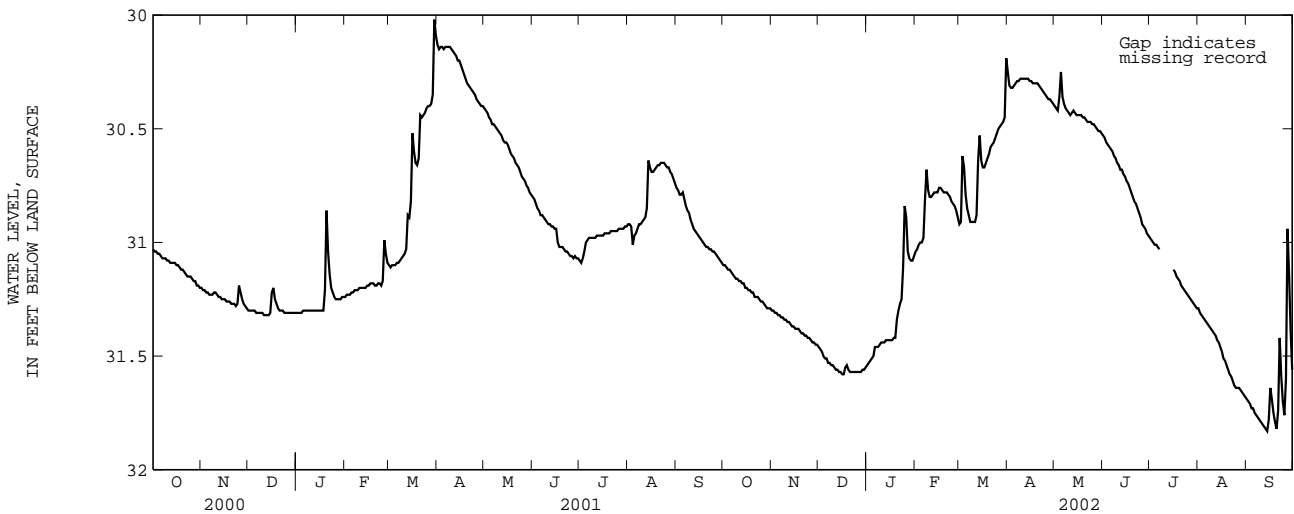
WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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, 31.83 ft below land-surface datum, Sep. 14, 2002.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	31.10	31.30	31.46	31.54	31.04	30.92	30.25	30.40	30.53	30.98	31.29	31.69
2	31.10	31.30	31.47	31.53	31.03	30.91	30.31	30.41	30.54	30.99	31.31	31.70
3	31.11	31.31	31.48	31.52	31.01	30.62	30.32	30.42	30.56	31.00	31.32	31.71
4	31.12	31.31	31.50	31.51	31.00	30.67	30.32	30.36	30.57	31.01	31.33	31.73
5	31.12	31.32	31.51	31.50	31.00	30.79	30.31	30.25	30.58	31.01	31.34	31.73
6	31.13	31.32	31.51	31.46	30.98	30.85	30.30	30.36	30.59	31.02	31.35	31.75
7	31.14	31.33	31.53	31.46	30.81	30.88	30.29	30.39	30.60	31.03	31.36	31.76
8	31.15	31.33	31.53	31.46	30.68	30.91	30.29	30.41	30.62	---	31.37	31.77
9	31.16	31.34	31.54	31.45	30.77	30.91	30.28	30.42	30.63	---	31.38	31.78
10	31.16	31.34	31.54	31.44	30.80	30.91	30.28	30.43	30.65	---	31.39	31.79
11	31.17	31.35	31.55	31.44	30.80	30.91	30.28	30.44	30.66	---	31.40	31.80
12	31.17	31.35	31.56	31.44	30.79	30.88	30.28	30.43	30.68	---	31.41	31.81
13	31.18	31.36	31.56	31.43	30.78	30.64	30.28	30.42	30.68	---	31.43	31.82
14	31.18	31.37	31.57	31.43	30.78	30.53	30.28	30.43	30.70	---	31.44	31.83
15	31.20	31.37	31.57	31.43	30.78	30.64	30.29	30.44	30.71	---	31.46	31.78
16	31.20	31.38	31.58	31.43	30.76	30.67	30.29	30.44	30.73	31.12	31.48	31.64
17	31.21	31.38	31.58	31.43	30.76	30.67	30.30	30.44	30.74	31.13	31.51	31.69
18	31.21	31.38	31.55	31.42	30.77	30.65	30.30	30.44	30.76	31.15	31.52	31.75
19	31.22	31.39	31.54	31.42	30.78	30.63	30.30	30.45	30.78	31.16	31.54	31.79
20	31.22	31.40	31.56	31.34	30.78	30.61	30.30	30.45	30.80	31.17	31.56	31.82
21	31.24	31.40	31.57	31.30	30.78	30.58	30.31	30.46	30.82	31.19	31.58	31.74
22	31.24	31.41	31.57	31.27	30.79	30.57	30.32	30.47	30.83	31.20	31.59	31.42
23	31.24	31.41	31.57	31.25	30.80	30.56	30.33	30.47	30.85	31.21	31.61	31.59
24	31.25	31.42	31.57	31.11	30.82	30.54	30.34	30.47	30.87	31.22	31.63	31.70
25	31.26	31.42	31.57	30.84	30.83	30.52	30.35	30.48	30.89	31.23	31.64	31.76
26	31.26	31.43	31.57	30.89	30.84	30.50	30.36	30.48	30.92	31.24	31.64	31.60
27	31.27	31.44	31.57	31.04	30.86	30.49	30.37	30.49	30.93	31.25	31.64	30.94
28	31.28	31.44	31.57	31.07	30.89	30.48	30.37	30.50	30.94	31.26	31.65	31.14
29	31.29	31.45	31.56	31.08	---	30.47	30.38	30.51	30.96	31.27	31.66	31.39
30	31.29	31.45	31.56	31.08	---	30.45	30.39	30.51	30.97	31.28	31.67	31.56
31	31.29	---	31.55	31.06	---	30.19	---	30.52	---	31.29	31.68	---
MEAN	31.20	31.37	31.55	31.32	30.84	30.66	30.31	30.44	30.74	---	31.49	31.67
MAX	31.29	31.45	31.58	31.54	31.04	30.92	30.39	30.52	30.97	---	31.68	31.83
MIN	31.10	31.30	31.46	30.84	30.68	30.19	30.25	30.25	30.53	---	31.29	30.94



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.

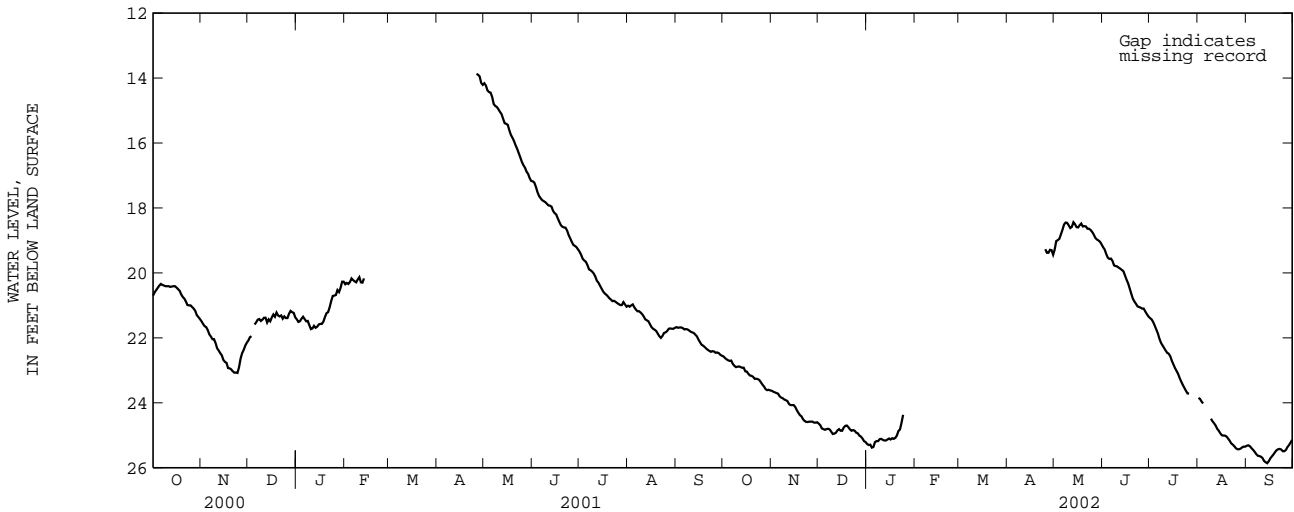
REMARKS.--Geophysical logs available in U.S. Geological Survey District files.

PERIOD OF RECORD.--October 1993 to current year.

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 BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	22.57	23.63	24.64	25.27	---	---	---	19.28	19.21	21.39	23.85	25.32
2	22.62	23.66	24.69	25.30	---	---	---	19.02	19.28	21.43	23.88	25.31
3	22.66	23.68	24.79	25.29	---	---	---	18.99	19.42	21.51	23.96	25.34
4	22.69	23.70	24.81	25.38	---	---	---	18.95	19.53	21.62	24.02	25.40
5	22.71	23.72	24.83	25.36	---	---	---	18.81	19.57	21.74	---	25.45
6	22.70	23.80	24.81	25.21	---	---	---	18.67	19.56	21.86	---	25.51
7	22.80	23.84	24.80	25.18	---	---	---	18.51	19.63	22.02	---	25.58
8	22.86	23.86	24.82	25.18	---	---	---	18.45	19.77	22.15	---	25.63
9	22.90	23.90	24.89	25.12	---	---	---	18.46	19.79	22.23	24.49	25.64
10	22.89	23.92	24.96	25.11	---	---	---	18.54	19.80	22.31	24.57	25.66
11	22.88	23.95	24.95	25.14	---	---	---	18.62	19.84	22.39	24.63	25.70
12	22.90	24.04	24.92	25.16	---	---	---	18.58	19.87	22.46	24.70	25.79
13	22.92	24.07	24.85	25.16	---	---	---	18.44	19.91	22.49	24.80	25.83
14	22.92	24.07	24.81	25.13	---	---	---	18.50	19.95	22.57	24.86	25.86
15	23.03	24.07	24.86	25.10	---	---	---	18.59	20.08	22.71	24.94	25.80
16	23.04	24.13	24.86	25.13	---	---	---	18.60	20.21	22.82	25.00	25.71
17	23.11	24.23	24.76	25.09	---	---	---	18.53	20.32	22.93	25.01	25.65
18	23.16	24.31	24.71	25.11	---	---	---	18.48	20.48	23.02	25.01	25.59
19	23.17	24.38	24.70	25.08	---	---	---	18.57	20.64	23.11	25.04	25.52
20	23.20	24.42	24.75	25.01	---	---	---	18.56	20.79	23.24	25.10	25.46
21	23.26	24.51	24.82	24.87	---	---	---	18.57	20.88	23.35	25.17	25.43
22	23.26	24.56	24.86	24.82	---	---	---	18.64	20.95	23.45	25.25	25.42
23	23.27	24.59	24.84	24.61	---	---	---	18.64	21.03	23.54	25.29	25.44
24	23.30	24.59	24.86	24.37	---	---	---	18.68	21.05	23.63	25.34	25.49
25	23.37	24.58	24.92	---	---	---	19.27	18.74	21.07	23.71	25.40	25.49
26	23.44	24.58	24.94	---	---	---	19.38	18.82	21.10	23.72	25.43	25.45
27	23.50	24.58	25.01	---	---	---	19.38	18.92	21.10	---	25.43	25.36
28	23.58	24.61	25.04	---	---	---	19.29	18.97	21.19	---	25.41	25.30
29	23.61	24.61	25.10	---	---	---	19.30	19.00	21.27	---	25.37	25.22
30	23.60	24.60	25.18	---	---	---	19.44	19.04	21.34	---	25.35	25.14
31	23.62	---	25.21	---	---	---	---	19.12	---	---	25.35	---
MEAN	23.08	24.17	24.87	---	---	---	---	18.72	20.29	---	---	25.52
MAX	23.62	24.61	25.21	---	---	---	---	19.28	21.34	---	---	25.86
MIN	22.57	23.63	24.64	---	---	---	---	18.44	19.21	---	---	25.14



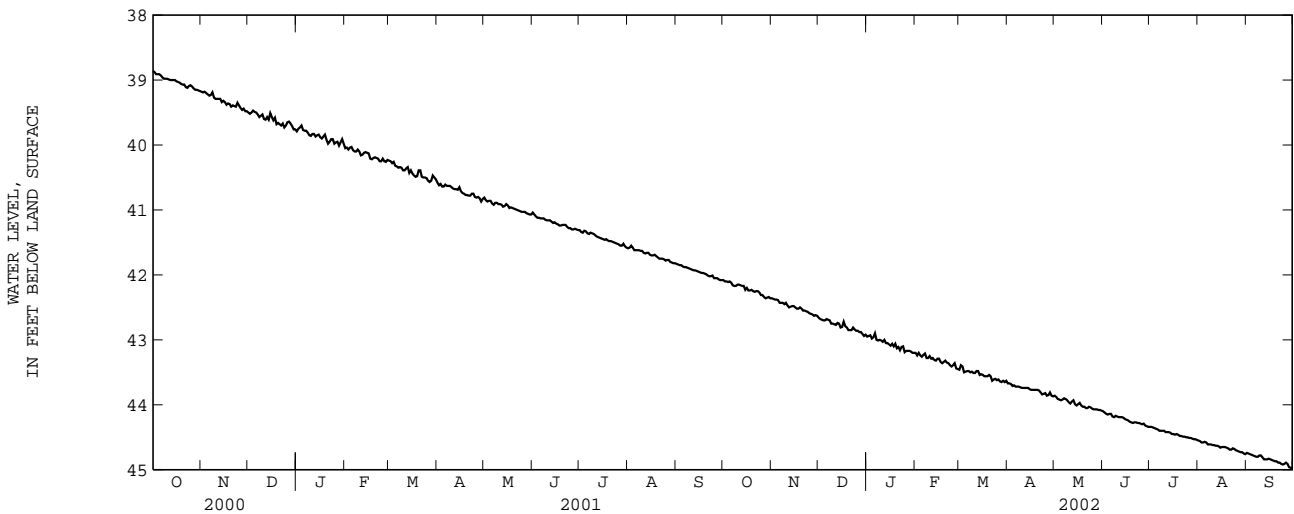
WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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, 44.97 ft below land-surface datum, Sep. 29, 30, 2002.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	42.08	42.36	42.66	42.95	43.20	43.46	43.67	43.86	44.10	44.34	44.55	44.74
2	42.10	42.37	42.68	42.94	43.24	43.39	43.67	43.88	44.12	44.34	44.56	44.75
3	42.10	42.38	42.69	42.93	43.20	43.41	43.68	43.91	44.14	44.35	44.58	44.76
4	42.11	42.38	42.70	42.98	43.24	43.50	43.71	43.92	44.15	44.36	44.58	44.77
5	42.10	42.39	42.70	42.96	43.26	43.49	43.70	43.93	44.14	44.37	44.57	44.78
6	42.12	42.43	42.68	42.90	43.23	43.48	43.72	43.92	44.14	44.38	44.58	44.79
7	42.16	42.43	42.69	43.00	43.21	43.48	43.72	43.90	44.18	44.40	44.61	44.80
8	42.17	42.43	42.70	43.01	43.28	43.50	43.72	43.91	44.19	44.40	44.61	44.80
9	42.17	42.45	42.75	43.00	43.28	43.49	43.73	43.93	44.17	44.40	44.61	44.78
10	42.15	42.43	42.75	43.01	43.25	43.51	43.74	43.96	44.18	44.40	44.62	44.78
11	42.15	42.47	42.76	43.03	43.29	43.51	43.74	43.98	44.19	44.42	44.62	44.81
12	42.16	42.50	42.77	43.00	43.28	43.48	43.74	43.95	44.19	44.42	44.63	44.84
13	42.17	42.49	42.74	43.05	43.31	43.48	43.74	43.93	44.19	44.42	44.63	44.84
14	42.17	42.48	42.75	43.05	43.32	43.54	43.74	43.99	44.20	44.43	44.64	44.84
15	42.23	42.48	42.81	43.07	43.29	43.53	43.76	44.01	44.22	44.45	44.66	44.83
16	42.20	42.50	42.80	43.09	43.29	43.54	43.77	43.99	44.23	44.45	44.65	44.84
17	42.24	42.52	42.72	43.06	43.34	43.56	43.77	43.97	44.24	44.46	44.65	44.85
18	42.24	42.52	42.79	43.10	43.36	43.56	43.77	44.01	44.26	44.45	44.65	44.86
19	42.23	42.50	42.81	43.06	43.34	43.56	43.77	44.03	44.27	44.46	44.66	44.87
20	42.25	42.52	42.85	43.13	43.32	43.54	43.77	44.03	44.28	44.48	44.67	44.87
21	42.26	42.55	42.85	43.11	43.35	43.56	43.78	44.05	44.27	44.48	44.69	44.89
22	42.25	42.55	42.85	43.16	43.36	43.63	43.81	44.05	44.27	44.49	44.69	44.89
23	42.25	42.56	42.81	43.11	43.39	43.61	43.84	44.03	44.28	44.49	44.67	44.91
24	42.27	42.57	42.84	43.10	43.41	43.60	43.83	44.04	44.28	44.50	44.68	44.92
25	42.31	42.59	42.86	43.19	43.39	43.62	43.82	44.06	44.29	44.50	44.70	44.91
26	42.31	42.60	42.86	43.17	43.36	43.61	43.86	44.07	44.30	44.51	44.71	44.89
27	42.34	42.61	42.88	43.17	43.44	43.64	43.85	44.07	44.29	44.51	44.72	44.91
28	42.36	42.63	42.88	43.17	43.45	43.65	43.81	44.07	44.32	44.52	44.73	44.96
29	42.35	42.62	42.91	43.18	---	43.63	43.86	44.08	44.33	44.53	44.73	44.97
30	42.34	42.63	42.94	43.20	---	43.65	43.87	44.08	44.34	44.53	44.75	44.97
31	42.36	---	42.92	43.20	---	43.63	---	44.09	---	44.54	44.76	---
MEAN	42.22	42.50	42.79	43.07	43.31	43.54	43.77	43.99	44.23	44.44	44.65	44.85
MAX	42.36	42.63	42.94	43.20	43.45	43.65	43.87	44.09	44.34	44.54	44.76	44.97
MIN	42.08	42.36	42.66	42.90	43.20	43.39	43.67	43.86	44.10	44.34	44.55	44.74



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 current year.  
 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 BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	19.26	19.63	19.76	19.72	18.87	18.79	18.44	18.80	19.19	19.66	19.84	20.34
2	19.30	19.62	19.79	19.74	18.92	18.67	18.46	18.80	19.21	19.64	19.88	20.33
3	19.33	19.61	19.83	19.65	18.88	18.52	18.46	18.86	19.28	19.62	19.92	20.35
4	19.35	19.62	19.82	19.72	18.83	18.58	18.54	18.88	19.34	19.63	19.95	20.36
5	19.36	19.61	19.83	19.71	18.93	18.62	18.56	18.90	19.34	19.64	19.95	20.37
6	19.32	19.65	19.79	19.57	18.89	18.59	18.57	18.91	19.33	19.67	19.94	20.41
7	19.41	19.68	19.76	19.59	18.75	18.56	18.61	18.87	19.34	19.71	20.00	20.46
8	19.47	19.65	19.74	19.65	18.77	18.55	18.58	18.86	19.41	19.73	20.05	20.48
9	19.51	19.68	19.78	19.62	18.78	18.51	18.56	18.86	19.41	19.71	20.07	20.46
10	19.50	19.67	19.81	19.60	18.70	18.51	18.56	18.93	19.42	19.68	20.10	20.42
11	19.47	19.67	19.74	19.59	18.66	18.53	18.58	18.96	19.43	19.68	20.11	20.43
12	19.45	19.74	19.75	19.59	18.65	18.44	18.57	18.95	19.43	19.70	20.13	20.50
13	19.46	19.75	19.70	19.58	18.65	18.35	18.54	18.86	19.42	19.68	20.16	20.53
14	19.42	19.71	19.66	19.61	18.71	18.38	18.52	18.87	19.41	19.66	20.18	20.53
15	19.49	19.68	19.73	19.61	18.68	---	18.54	18.95	19.45	19.69	20.22	20.40
16	19.47	19.68	19.77	19.66	18.61	---	18.60	18.96	19.49	19.70	20.23	20.34
17	19.51	19.73	19.66	19.60	18.64	---	18.62	18.92	19.52	19.70	20.21	20.36
18	19.55	19.75	19.60	19.60	18.73	---	18.63	18.90	19.56	19.68	20.19	20.37
19	19.50	19.71	19.62	19.53	18.73	---	18.62	18.99	19.61	19.68	20.19	20.39
20	19.50	19.68	19.66	19.48	18.65	---	18.61	19.02	19.64	19.70	20.23	20.39
21	19.53	19.73	19.70	19.42	18.63	18.27	18.62	19.04	19.63	19.73	20.28	20.40
22	19.51	19.74	19.71	19.46	18.65	18.35	18.65	19.07	19.62	19.76	20.31	20.41
23	19.48	19.75	19.63	19.33	18.67	18.39	18.72	19.06	19.61	19.75	20.29	20.44
24	19.49	19.70	19.58	19.13	18.71	18.39	18.75	19.05	19.61	19.75	20.29	20.49
25	19.51	19.72	19.62	19.10	18.70	18.39	18.73	19.06	19.61	19.77	20.31	20.49
26	19.57	19.73	19.58	19.10	18.62	18.38	18.80	19.10	19.60	19.78	20.33	20.40
27	19.62	19.74	19.60	19.04	18.67	18.40	18.80	19.15	19.59	19.79	20.35	20.34
28	19.69	19.77	19.59	18.98	18.75	18.45	18.75	19.17	19.61	19.80	20.36	20.41
29	19.70	19.76	19.61	18.95	---	18.46	18.76	19.18	19.63	19.82	20.38	20.45
30	19.66	19.74	19.68	18.93	---	18.46	18.83	19.17	19.66	19.83	20.40	20.45
31	19.64	---	19.69	18.92	---	18.44	---	19.18	---	19.83	20.37	---
MEAN	19.48	19.70	19.70	19.44	18.73	---	18.62	18.98	19.48	19.72	20.17	20.42
MAX	19.70	19.77	19.83	19.74	18.93	---	18.83	19.18	19.66	19.83	20.40	20.53
MIN	19.26	19.61	19.58	18.92	18.61	---	18.44	18.80	19.19	19.62	19.84	20.33



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## CONVERSION FACTORS

<b>Multiply</b>	<b>By</b>	<b>To obtain</b>
<i><b>Length</b></i>		
inch (in.)	$2.54 \times 10^1$	millimeter
	$2.54 \times 10^{-2}$	meter
foot (ft)	$3.048 \times 10^{-1}$	meter
mile (mi)	$1.609 \times 10^0$	kilometer
<i><b>Area</b></i>		
acre	$4.047 \times 10^3$	square meter
	$4.047 \times 10^{-1}$	square hectometer
	$4.047 \times 10^{-3}$	square kilometer
square mile (mi <sup>2</sup> )	$2.590 \times 10^0$	square kilometer
<i><b>Volume</b></i>		
gallon (gal)	$3.785 \times 10^0$	liter
	$3.785 \times 10^0$	cubic decimeter
	$3.785 \times 10^{-3}$	cubic meter
million gallons (Mgal)	$3.785 \times 10^3$	cubic meter
	$3.785 \times 10^{-3}$	cubic hectometer
cubic foot (ft <sup>3</sup> )	$2.832 \times 10^1$	cubic decimeter
	$2.832 \times 10^{-2}$	cubic meter
cubic-foot-per-second day [(ft <sup>3</sup> /s) d]	$2.447 \times 10^3$	cubic meter
	$2.447 \times 10^{-3}$	cubic hectometer
acre-foot (acre-ft)	$1.233 \times 10^3$	cubic meter
	$1.233 \times 10^{-3}$	cubic hectometer
	$1.233 \times 10^{-6}$	cubic kilometer
<i><b>Flow</b></i>		
cubic foot per second (ft <sup>3</sup> /s)	$2.832 \times 10^1$	liter per second
	$2.832 \times 10^1$	cubic decimeter per second
	$2.832 \times 10^{-2}$	cubic meter per second
gallon per minute (gal/min)	$6.309 \times 10^{-2}$	liter per second
	$6.309 \times 10^{-2}$	cubic decimeter per second
	$6.309 \times 10^{-5}$	cubic meter per second
million gallons per day (Mgal/d)	$4.381 \times 10^1$	cubic decimeter per second
	$4.381 \times 10^{-2}$	cubic meter per second
<i><b>Mass</b></i>		
ton (short)	$9.072 \times 10^{-1}$	megagram or metric ton

Temperature in degrees Celsius (°C) may be converted to degrees Fahrenheit (°F) as follows:

$$\text{°F} = (1.8 \times \text{°C}) + 32$$

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